LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.575	434	440	447	rVB2	257055	419571	5.65%	0.323%
2	6.751	635	640	655	rVB	535072	1028990	13.86%	0.793%
3	6.922	664	669	678	rBV2	496316	954199	12.85%	0.735%
4	7.104	694	700	705	rVV	674575	1128310	15.20%	0.870%
5	7.157	705	709	713	rVV	460654	628030	8.46%	0.484%
6	7.504	763	768	773	rVB	239083	339015	4.57%	0.261%
7	7.569	773	779	789	rVB	588572	1032863	13.91%	0.796%
8	8.187	877	884	890	rBV2	310599	507717	6.84%	0.391%
9	8.281	894	900	908	rBV2	852630	1525518	20.55%	1.176%
10	8.645	956	962	969	rVV2	282167	546754	7.36%	0.421%
11	8.745	971	979	990	rVB3	1207340	2592844	34.93%	1.998%
12	8.981	1009	1019	1026	rBV6	114990	348786	4.70%	0.269%
13	9.163	1045	1050	1056	rVB2	238060	357562	4.82%	0.276%
14	9.451	1087	1099	1105	rBV2	640009	1271228	17.12%	0.980%
15	9.739	1141	1148	1155	rBV3	420848	796024	10.72%	0.614%
16	9.916	1170	1178	1183	rBV4	120281	296811	4.00%	0.229%
17	9.981	1183	1189	1195	rBV	803869	1528814	20.59%	1.178%
18	10.034	1195	1198	1205	rVB	174713	283508	3.82%	0.219%
19	10.292	1236	1242	1247	rBV	1343085	2100836	28.30%	1.619%
20	10.345	1247	1251	1256	rVB	734058	1113664	15.00%	0.858%
21	10.475	1263	1273	1276	rBV	597105	1085348	14.62%	0.837%
22	10.510	1276	1279	1291	rVB	758687	1487309	20.03%	1.146%
23	10.798	1324	1328	1335	rVB2	216622	349946	4.71%	0.270%
24	11.016	1355	1365	1367	rBV5	140928	367296	4.95%	0.283%
25	11.151	1383	1388	1393	rBV4	152639	279268	3.76%	0.215%
26	11.233	1397	1402	1409	rVB4	299177	577041	7.77%	0.445%
27	11.334	1414	1419	1429	rBV	906649	1554413	20.94%	1.198%
28	11.598	1459	1464	1468	rVB2	223679	348574	4.70%	0.269%
29	11.751	1483	1490	1495	rBV	1854365	2739841	36.91%	2.112%
30	11.969	1524	1527	1531	rVB	310629	432755	5.83%	0.334%
31	12.022	1531	1536	1540	rBV	570154	827810	11.15%	0.638%
32	12.245	1570	1574	1581	rVB	321223	480429	6.47%	0.370%
33	12.392	1594	1599	1603	rBV4	303637	522198	7.03%	0.402%
34	12.457	1603	1610	1616	rVV6	177776	530255	7.14%	0.409%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Title : SVOA CALIBRATION

35	12.580	1627	1631	1635	rBV2	251452	308269	4.15%	0.238%
36	12.669	1643	1646	1650	rBV2	228228	330916	4.46%	0.255%
37	12.722	1650	1655	1661	rVB	1283539	1675199	22.57%	1.291%
38	13.022	1698	1706	1714	rVB	2775047	4233155	57.02%	3.263%
39	13.251	1739	1745	1752	rBV3	307455	729088	9.82%	0.562%
40	13.380	1762	1767	1768	rBV	434790	578559	7.79%	0.446%
41	13.539	1789	1794	1800	rBV3	721863	1392564	18.76%	1.073%
42	13.598	1800	1804	1809	rVV	810435	1248851	16.82%	0.963%
43	13.651	1809	1813	1816	rVV	1915203	2735193	36.84%	2.108%
44	13.686	1816	1819	1823	rVV2	1652758	2146802	28.92%	1.655%
45	13.727	1823	1826	1832	rVB2	408905	562686	7.58%	0.434%
46	13.922	1854	1859	1864	rVV	1976346	2864371	38.58%	2.208%
47	14.033	1874	1878	1885	rVB5	335471	687488	9.26%	0.530%
48	14.110	1885	1891	1896	rBV	3392762	4402872	59.31%	3.393%
49	14.175	1898	1902	1906	rVV4	318505	577910	7.78%	0.445%
50	14.227	1907	1911	1917	rVB2	1511807	2274549	30.64%	1.753%
51	14.439	1942	1947	1951	rBV3	342336	688828	9.28%	0.531%
52	14.616	1973	1977	1982	rBV3	496840	915618	12.33%	0.706%
53	14.704	1989	1992	1994	rBV2	478772	612146	8.25%	0.472%
54	14.733	1994	1997	2001	rVB3	654223	899171	12.11%	0.693%
55	14.851	2012	2017	2022	rBV3	397367	722645	9.73%	0.557%
56	14.904	2022	2026	2031	rVV	323211	510660	6.88%	0.394%
57	15.004	2039	2043	2045	rBV4	222634	366263	4.93%	0.282%
58	15.069	2050	2054	2059	rVB	2980791	3584148	48.28%	2.762%
59	15.233	2077	2082	2087	rBV	2546217	3655090	49.24%	2.817%
60	15.327	2094	2098	2102	rBV2	194941	333546	4.49%	0.257%
61	15.380	2104	2107	2113	rVB	584024	774683	10.44%	0.597%
62	15.474	2117	2123	2129	rVB	1265262	2103449	28.33%	1.621%
63	15.627	2146	2149	2156	rBV3	231566	416572	5.61%	0.321%
64	15.692	2157	2160	2164	rVB2	343448	410221	5.53%	0.316%
65	15.957	2197	2205	2210	rBV2	3226333	7423736	100.00%	5.722%
66	16.280	2256	2260	2262	rBV3	220345	358274	4.83%	0.276%
67	16.339	2268	2270	2275	rVB3	289696	309900	4.17%	0.239%
68	16.445	2285	2288	2293	rVB4	250383	305518	4.12%	0.235%
69	16.727	2332	2336	2340	rBV	1716899	2137651	28.79%	1.648%
70	16.774	2340	2344	2349	rVB	792549	1106905	14.91%	0.853%
71	16.992	2375	2381	2385	rBV	1895316	2681030	36.11%	2.066%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Title : SVOA CALIBRATION

72	17.092	2392	2398	2405	rVB	2963715	4434077	59.73%	3.417%
73	17.268	2424	2428	2433	rVB5	215743	355258	4.79%	0.274%
74	17.386	2444	2448	2454	rBV3	218694	352696	4.75%	0.272%
75	17.468	2458	2462	2467	rVB	1278662	1485277	20.01%	1.145%
76	17.880	2526	2532	2536	rBV2	644417	1076286	14.50%	0.830%
77	18.162	2576	2580	2585	rBV	772771	896556	12.08%	0.691%
78	18.804	2683	2689	2694	rBV2	532514	728971	9.82%	0.562%
79	19.174	2748	2752	2760	rBV	335677	536441	7.23%	0.413%
80	19.398	2784	2790	2795	rBV	3867366	5134127	69.16%	3.957%
81	19.733	2843	2847	2850	rBV	1661443	1695593	22.84%	1.307%
82	19.774	2850	2854	2860	rVB	2827495	3256778	43.87%	2.510%
83	19.927	2877	2880	2886	rVB	253733	301033	4.06%	0.232%
84	20.709	3009	3013	3016	rBV	728798	809892	10.91%	0.624%
85	20.745	3016	3019	3026	rVB	1494453	1560591	21.02%	1.203%
86	20.898	3041	3045	3055	rVB	1204151	1493845	20.12%	1.151%
87	21.198	3091	3096	3108	rBV	2416826	3197386	43.07%	2.464%
88	21.327	3115	3118	3122	rBV	248426	302215	4.07%	0.233%
89	21.574	3157	3160	3163	rBV	373961	439517	5.92%	0.339%
90	21.609	3163	3166	3170	rVB	790435	834388	11.24%	0.643%
91	21.756	3187	3191	3194	rBV	350851	387104	5.21%	0.298%
92	22.203	3264	3267	3274	rVB	411020	538063	7.25%	0.415%
93	22.480	3311	3314	3317	rBV	285545	370061	4.98%	0.285%
94	22.521	3317	3321	3326	rVB	615052	817630	11.01%	0.630%
95	22.697	3347	3351	3356	rVB	517846	701970	9.46%	0.541%
96	23.262	3439	3447	3462	rBV2	2852795	5795308	78.06%	4.467%
97	23.403	3464	3471	3480	rVB	1585349	3047071	41.04%	2.348%
98	23.868	3545	3550	3559	rVB	388269	733067	9.87%	0.565%
99	23.974	3564	3568	3577	rVB3	213122	447346	6.03%	0.345%
100	24.591	3668	3673	3680	rVB	281992	570469	7.68%	0.440%

Sum of corrected areas: 129747069

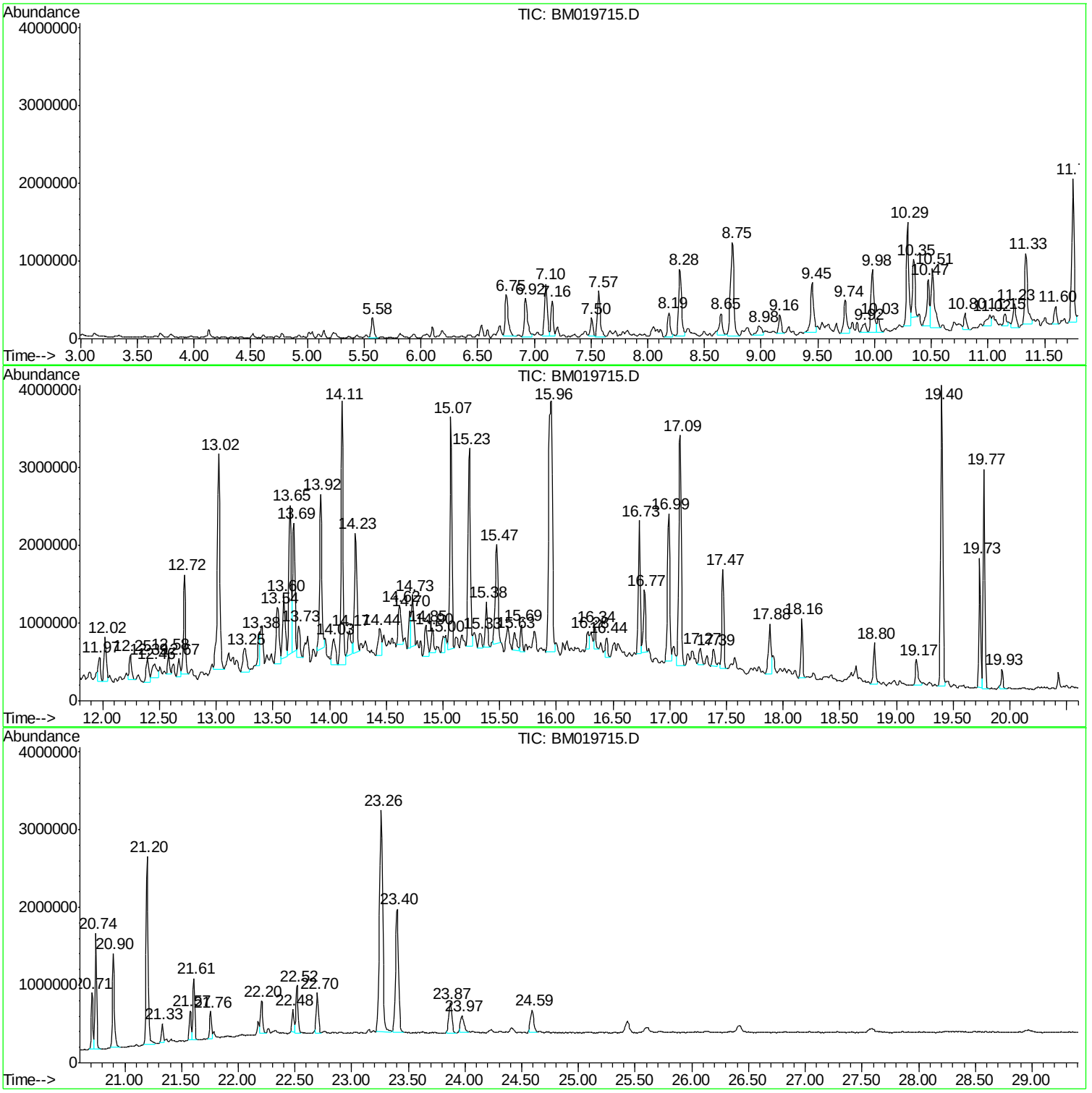
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

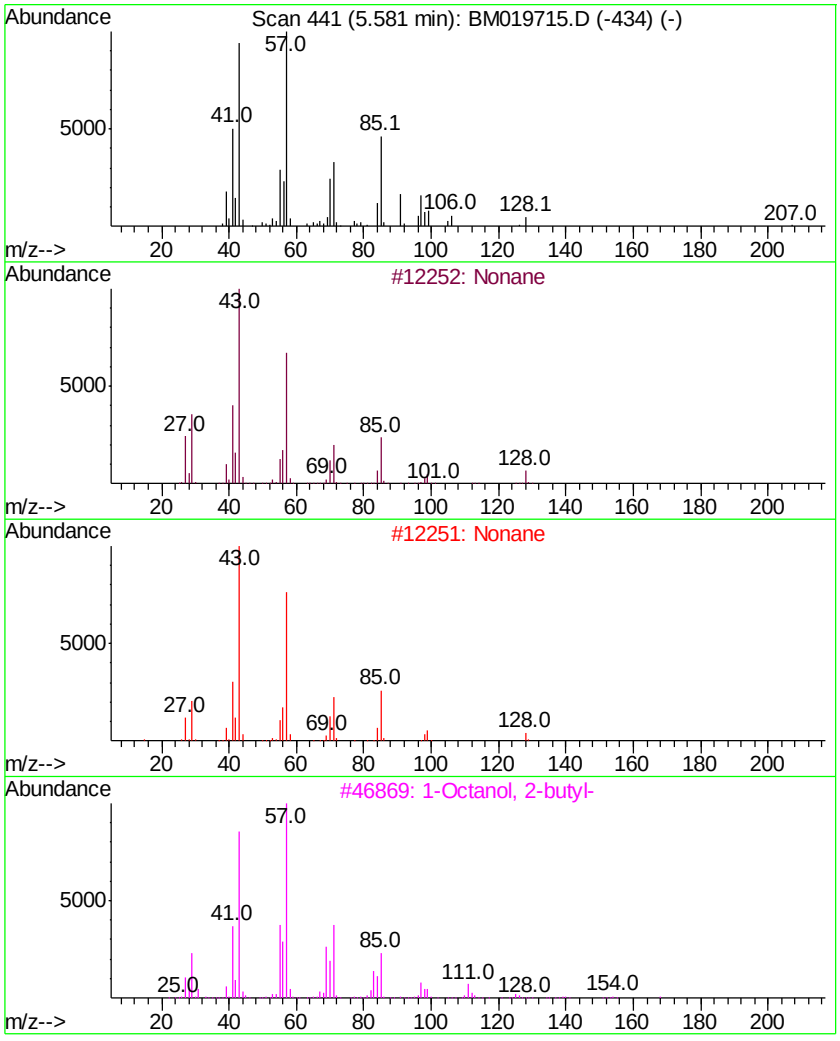
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

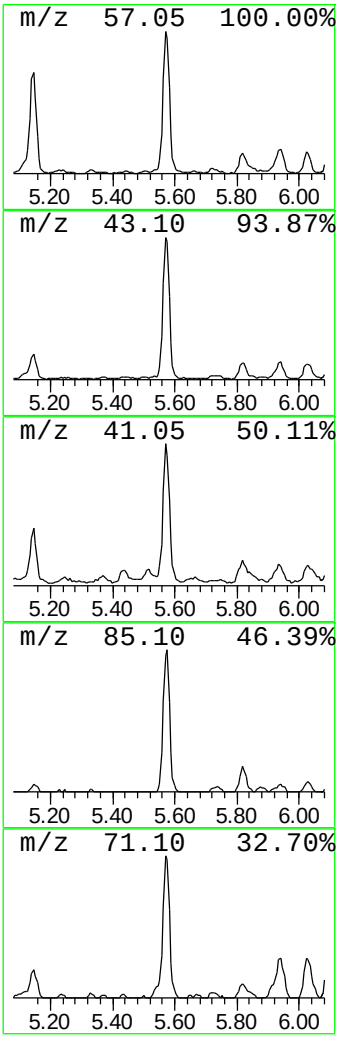
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.58	8.12 ng/ul	419571	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	93
2	Nonane	128	C9H20	000111-84-2	90
3	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	64
4	Octane	114	C8H18	000111-65-9	64
5	Decane	142	C10H22	000124-18-5	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

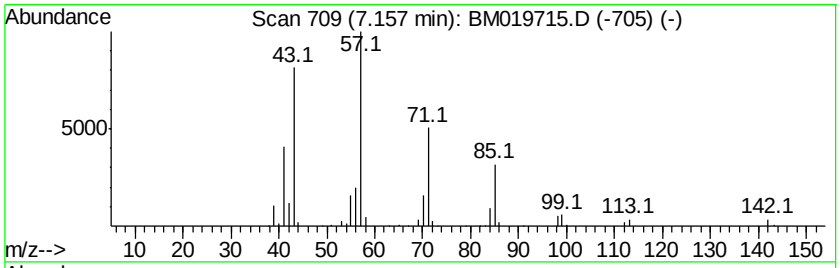
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

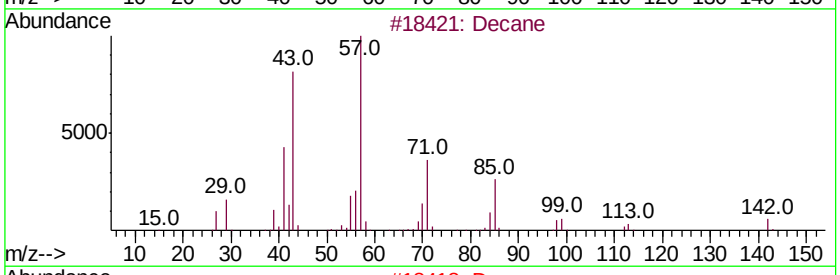
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

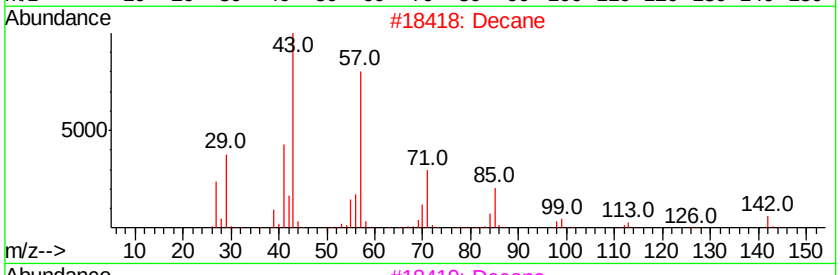
****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 14

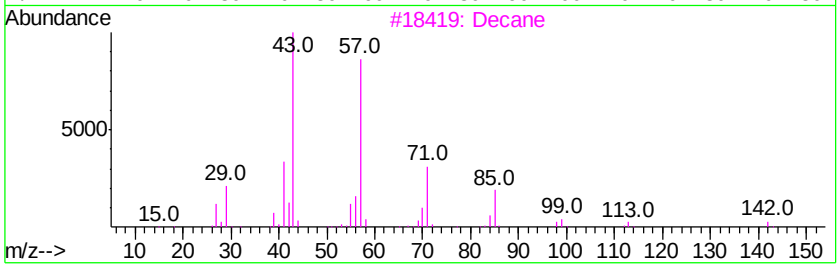
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	12.16 ng/ul	628030	1,4-Dichlorobenzene-d4	7.57

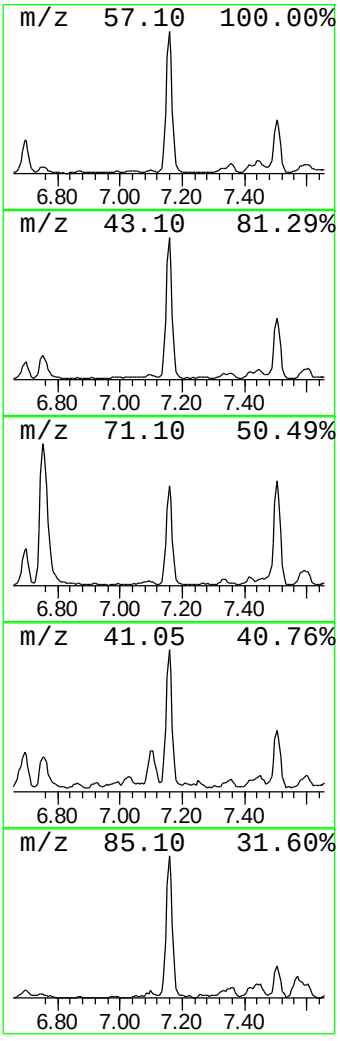
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	95
2	Decane	142	C10H22	000124-18-5	95
3	Decane	142	C10H22	000124-18-5	94
4	Hexadecane	226	C16H34	000544-76-3	86
5	Undecane	156	C11H24	001120-21-4	83











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

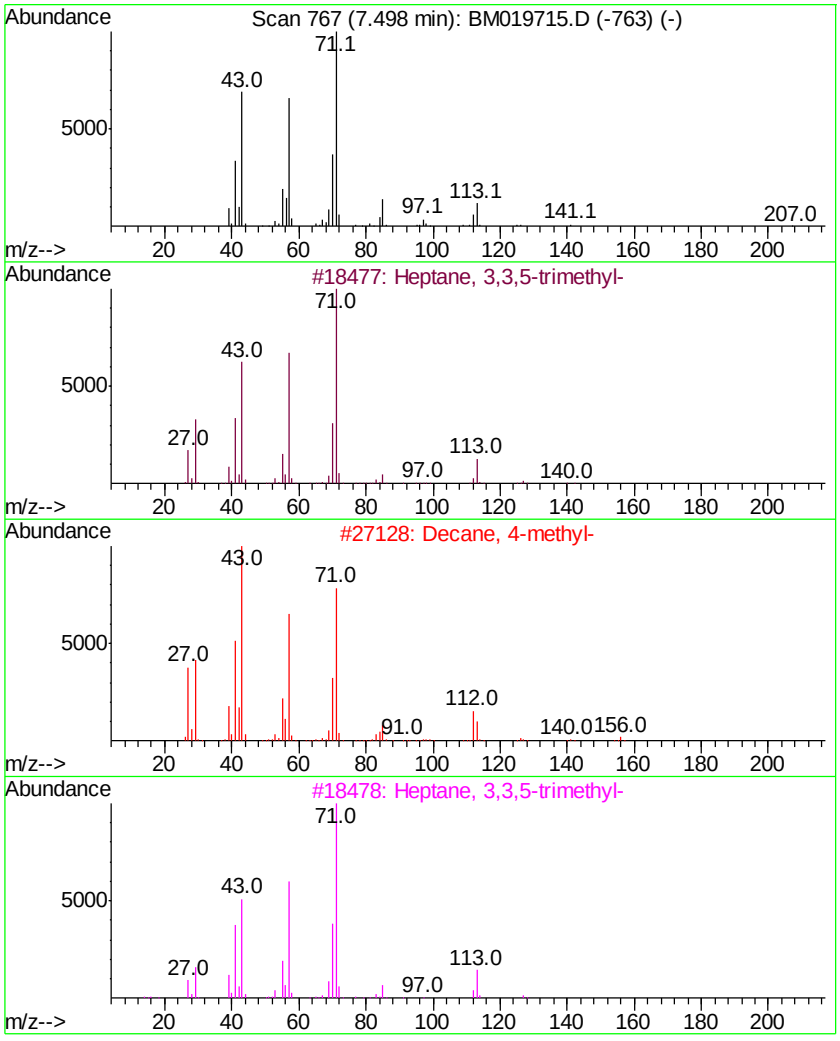
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

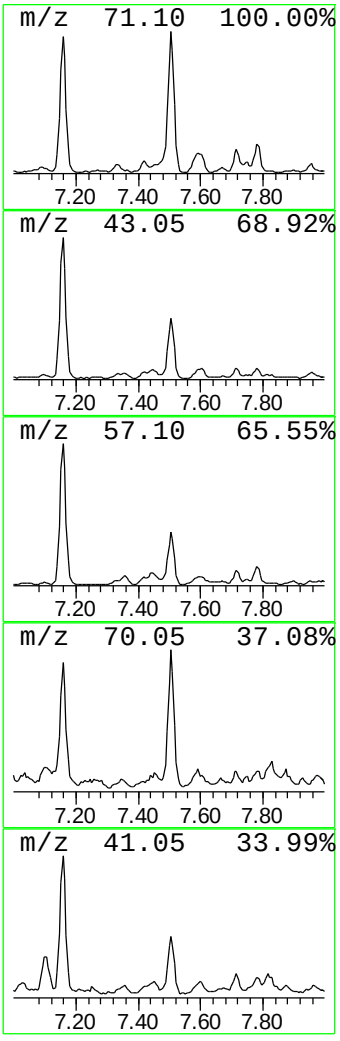
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	6.56 ng/ul	339015	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
2	Decane, 4-methyl-	156	C11H24	002847-72-5	78
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
4	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

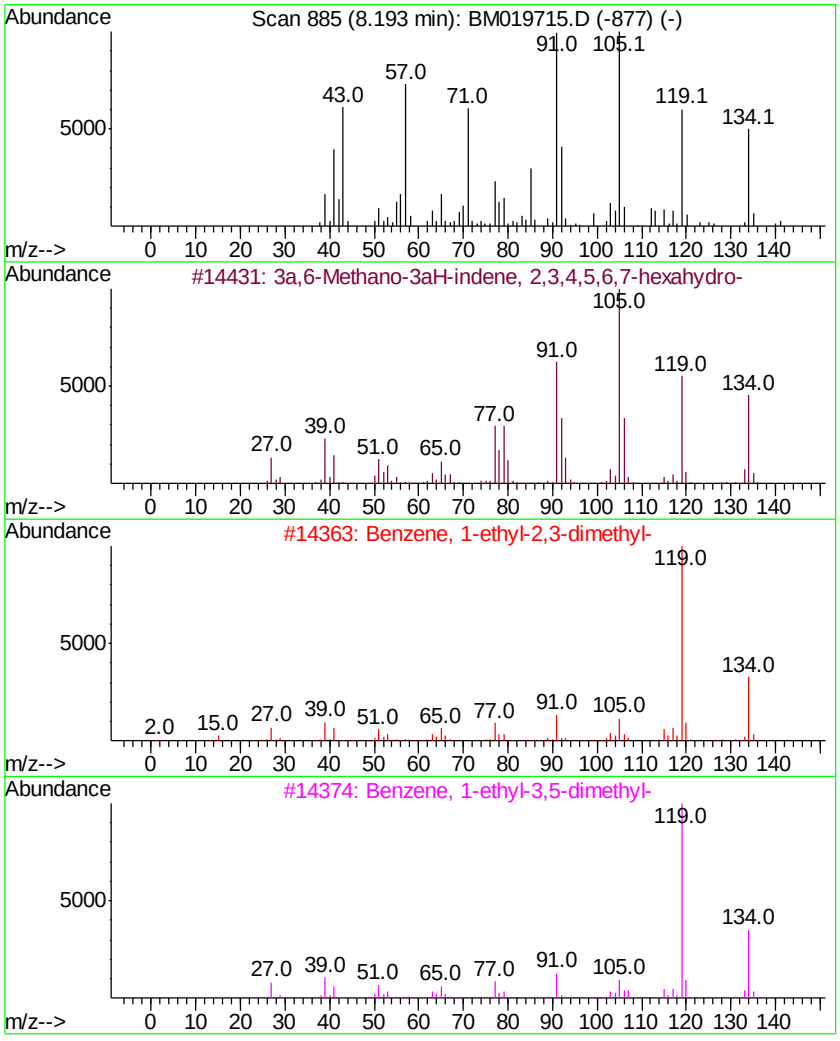
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

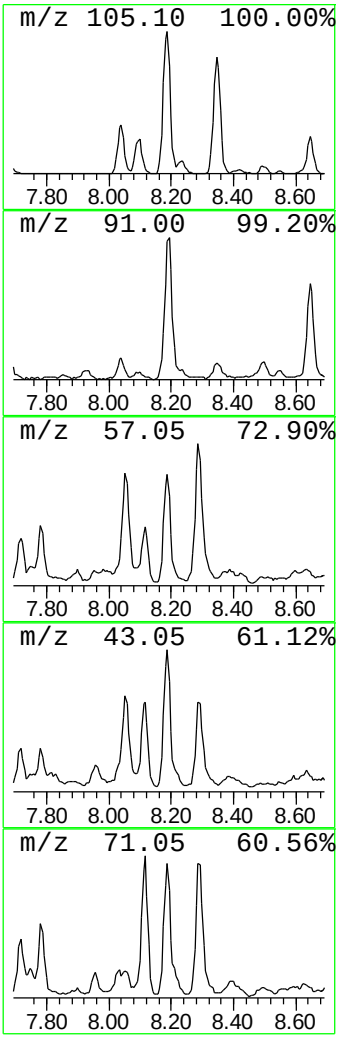
****

Peak Number 4 3a,6-Methano-3aH-indene, 2,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	9.83 ng/ul	507717	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3a,6-Methano-3aH-indene, 2,3,4,5...	134	C10H14	098640-10-9	55
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	50
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	46
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

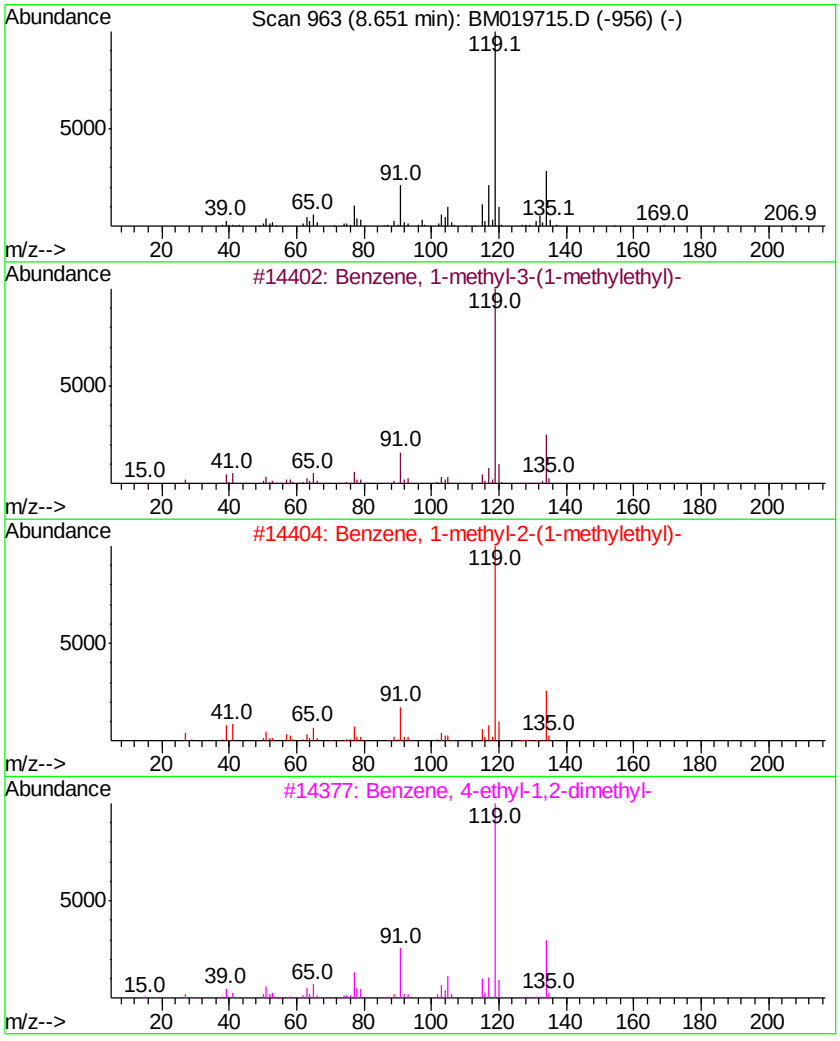
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

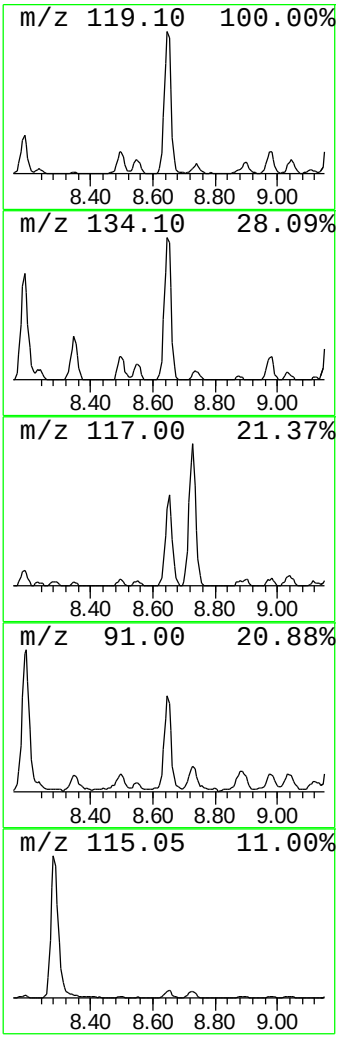
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-methyl-3-(1-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	10.59 ng/ul	546754	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

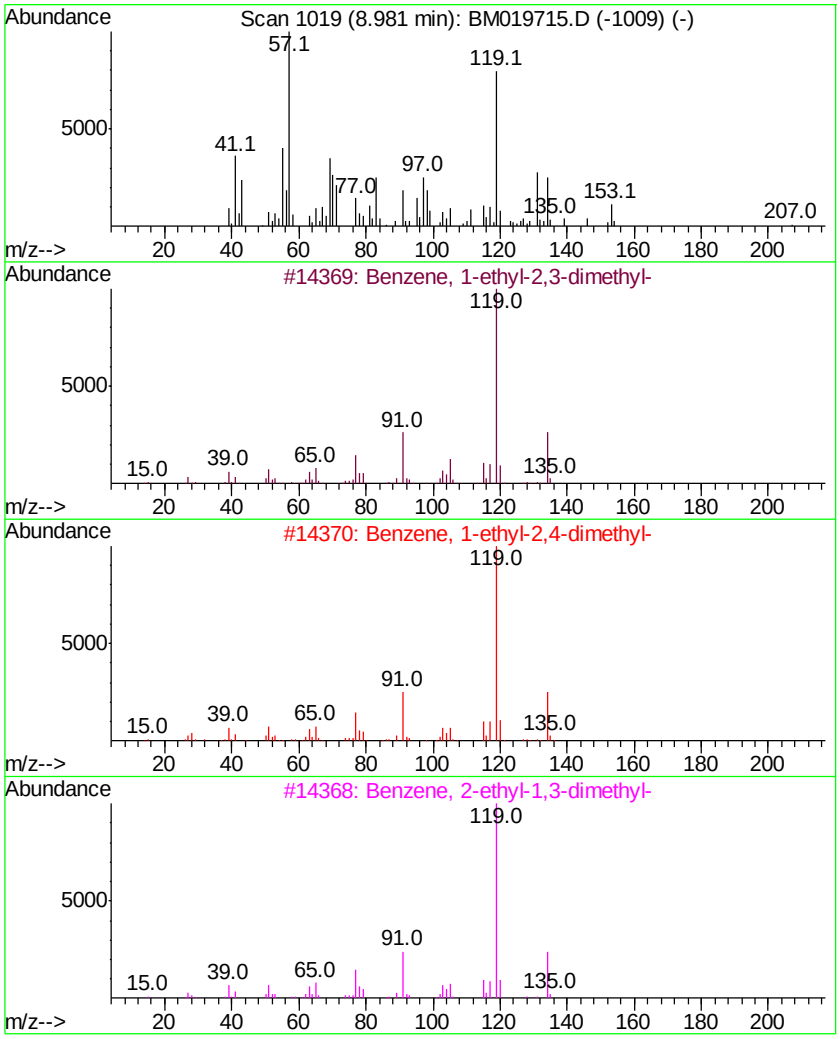
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

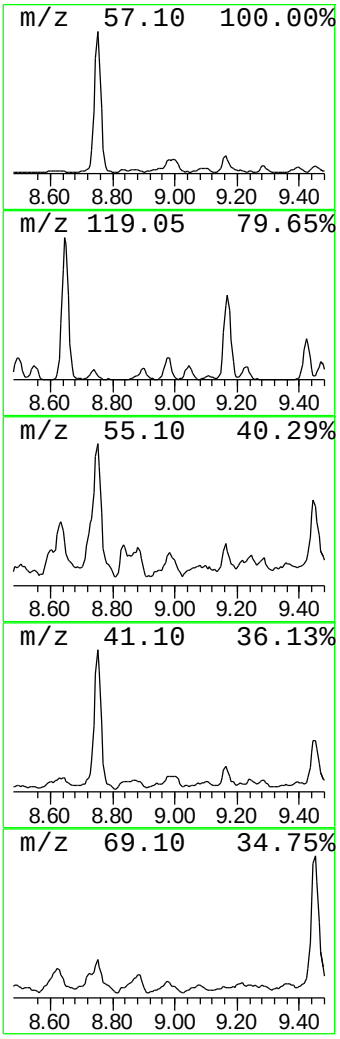
****

Peak Number 6 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	6.26 ng/ul	348786	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	89
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	86
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	86
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	86
5	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

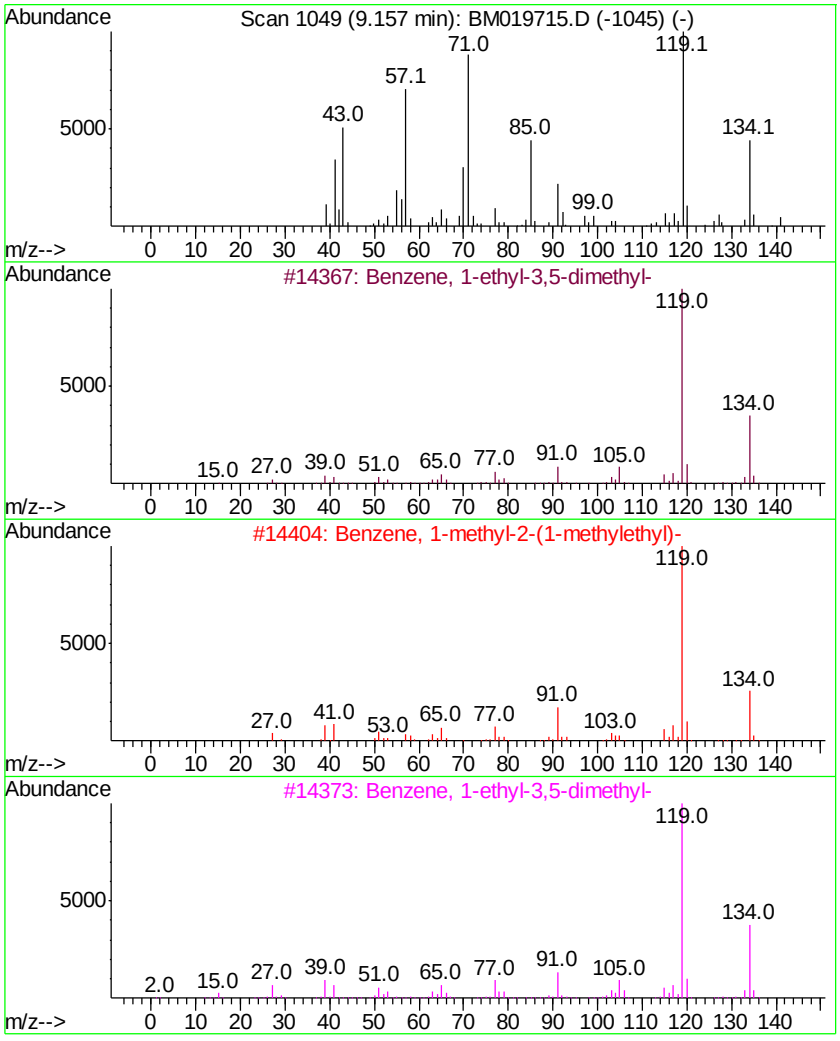
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

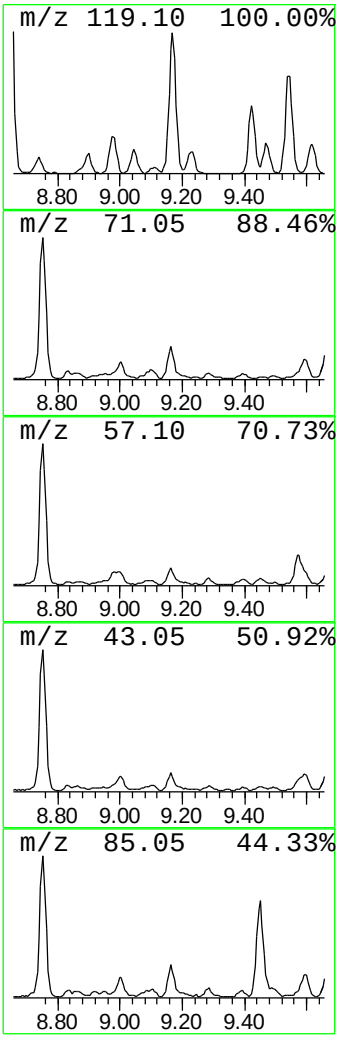
****

Peak Number 7 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	6.42 ng/ul	357562	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	87
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	60
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

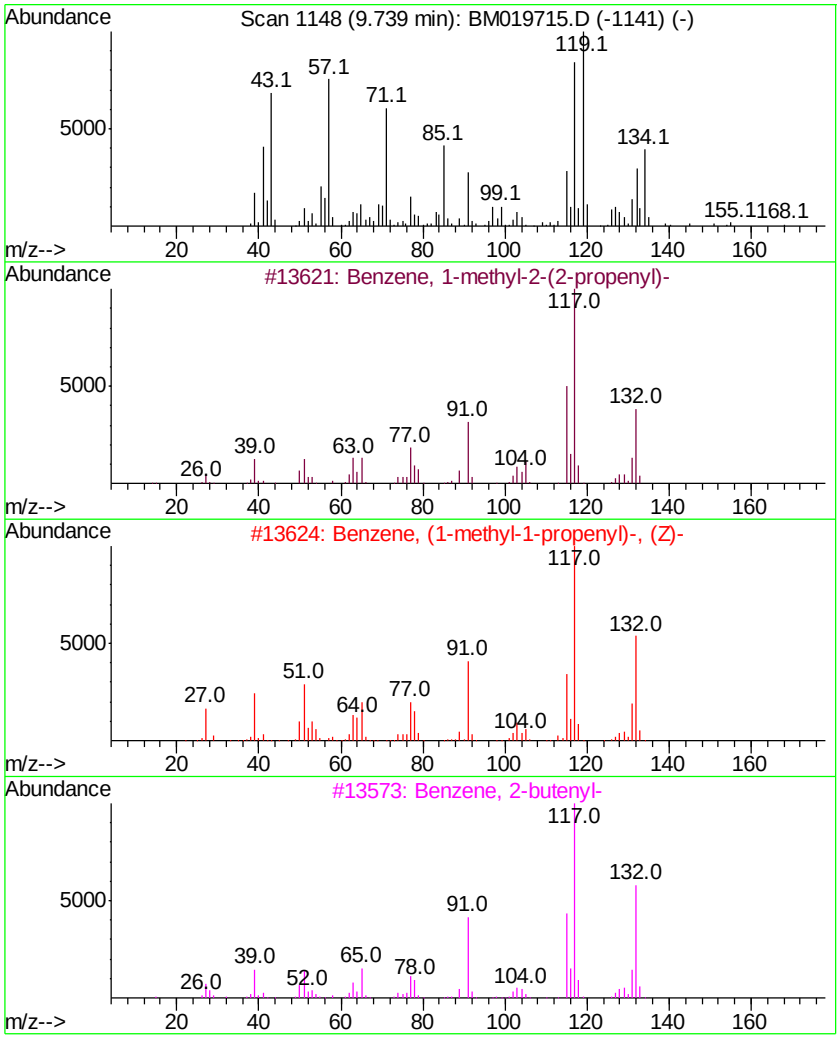
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

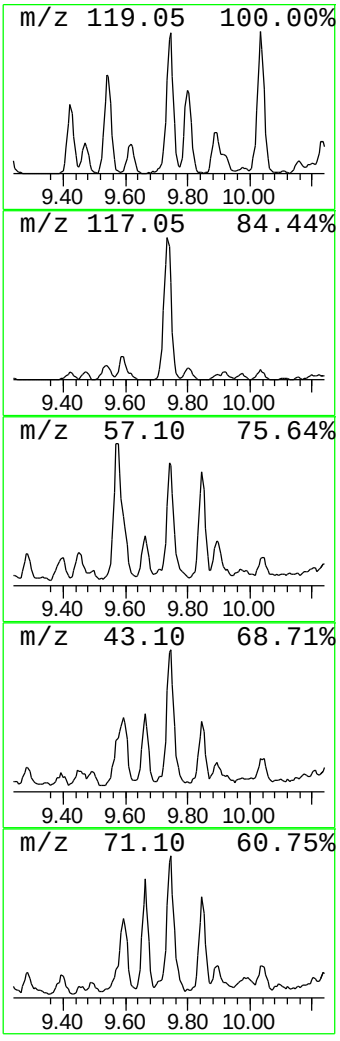
****

Peak Number 8 Benzene, 1-methyl-2-(2-prop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	14.30 ng/ul	796024	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	53
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	43
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	43
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	43
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

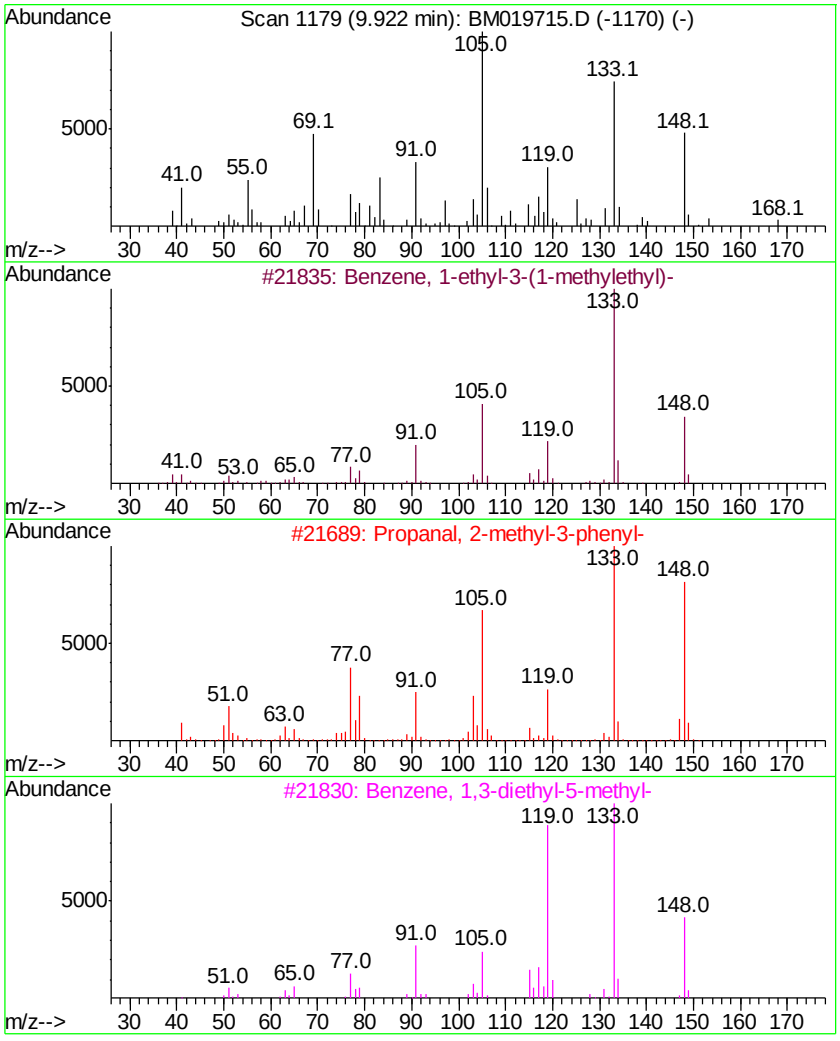
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

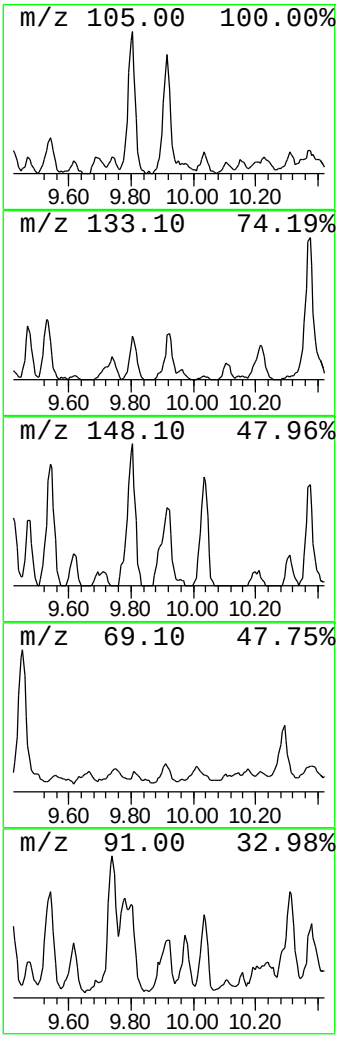
****

Peak Number 9 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	5.33 ng/ul	296811	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	70
2	Propanal, 2-methyl-3-phenyl-	148	C10H12O	1000131-87-6	53
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	49
4	Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	47
5	1-(2,3-Dimethylphenyl)ethanone	148	C10H12O	002142-71-4	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

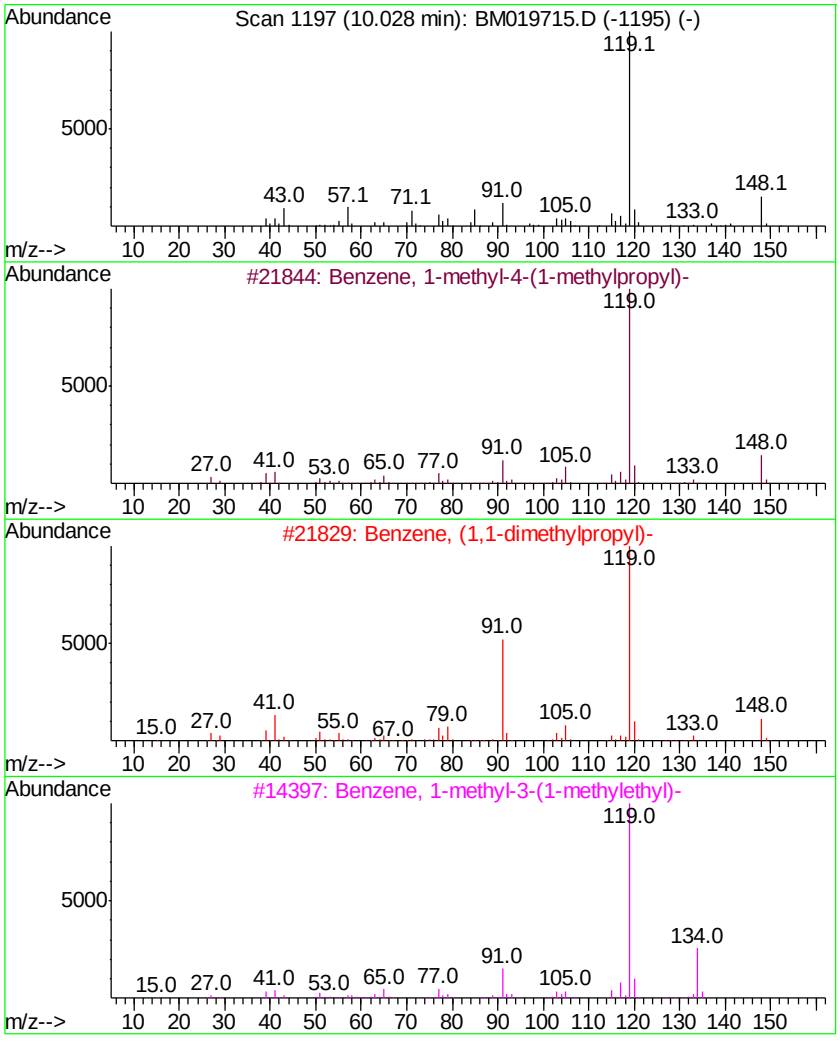
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

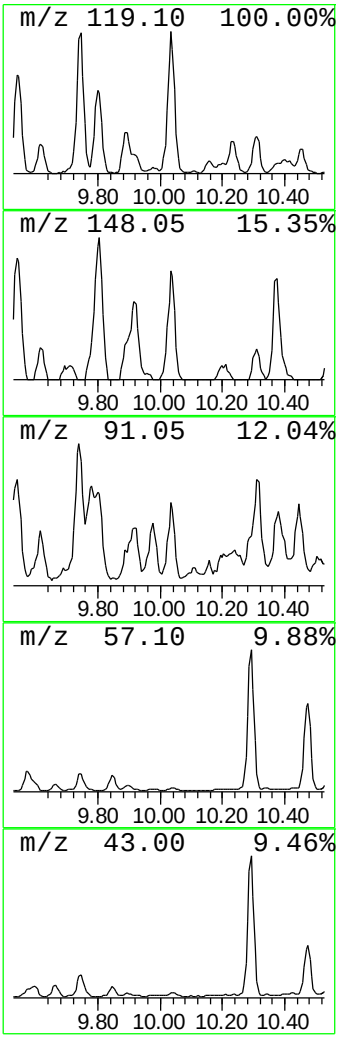
****

Peak Number 10 Benzene, 1-methyl-4-(1-meth... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	5.09 ng/ul	283508	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	68
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	53
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	53
5	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

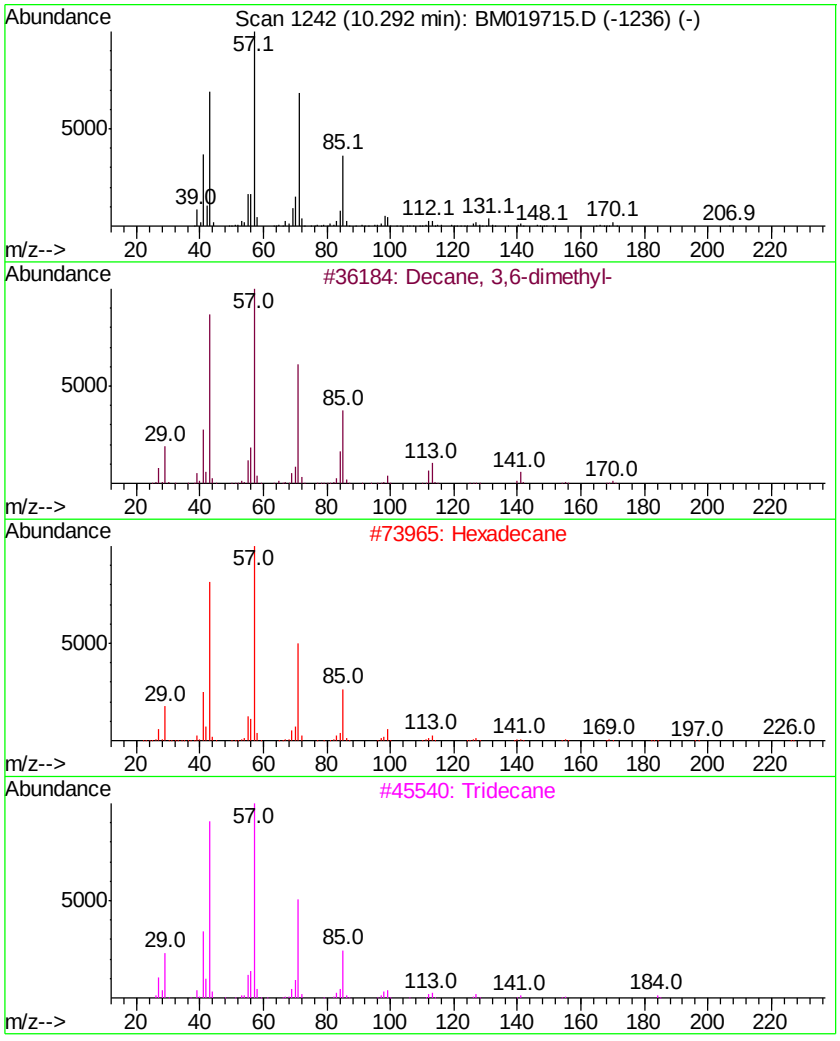
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

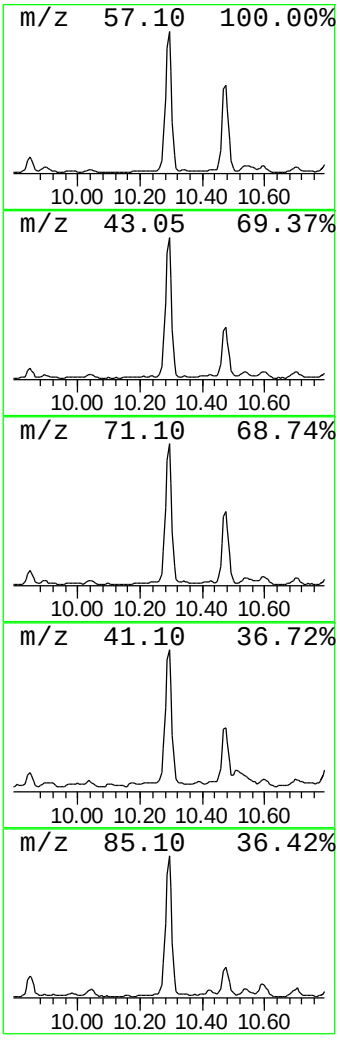
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	37.73 ng/ul	2100840	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72
2	Hexadecane	226	C16H34	000544-76-3	72
3	Tridecane	184	C13H28	000629-50-5	64
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

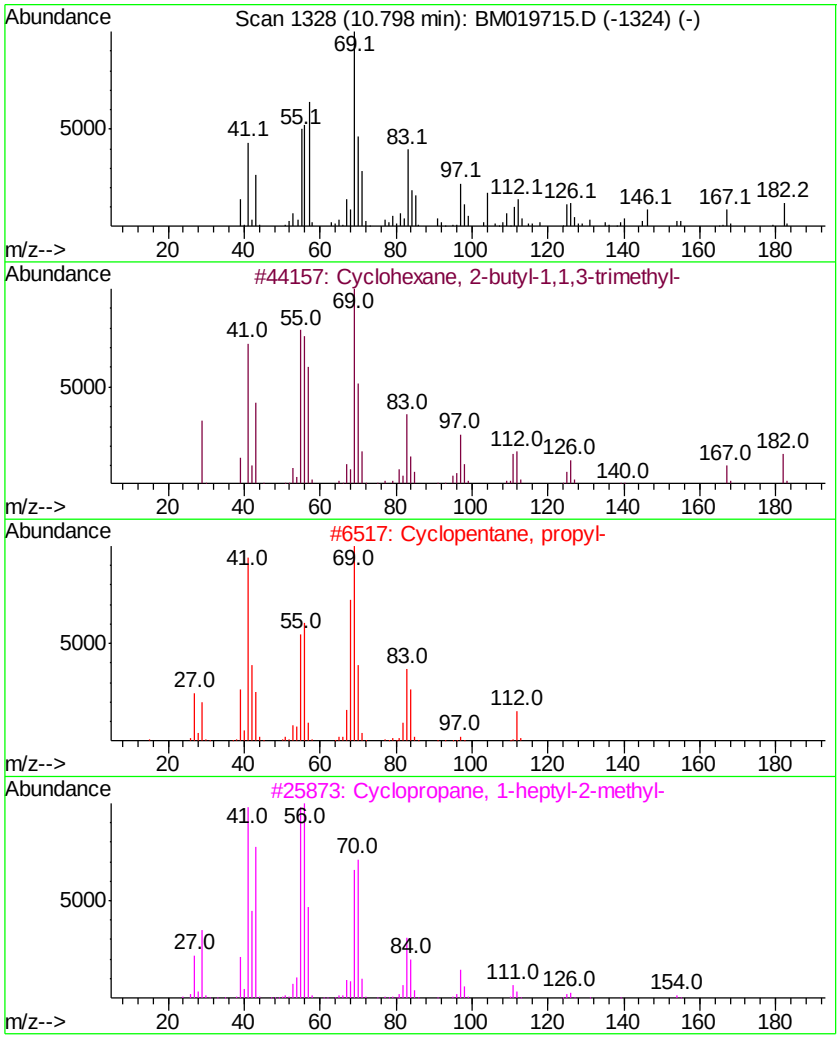
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

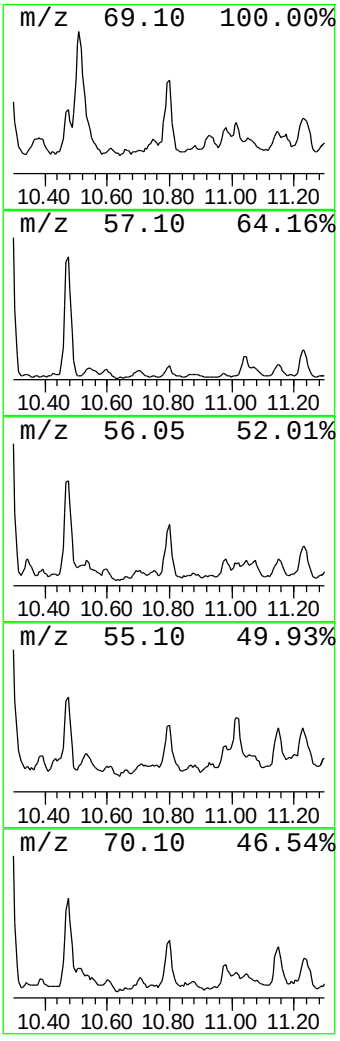
****

Peak Number 12 (DEL) Alkane: Cyclic10.80 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	6.28 ng/ul	349946	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	83
2	Cyclopentane, propyl-	112	C8H16	002040-96-2	58
3	Cyclopropane, 1-heptyl-2-methyl-	154	C11H22	074663-91-5	53
4	1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	52
5	2-Dodecene, 2-methyl-	182	C13H26	055103-82-7	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

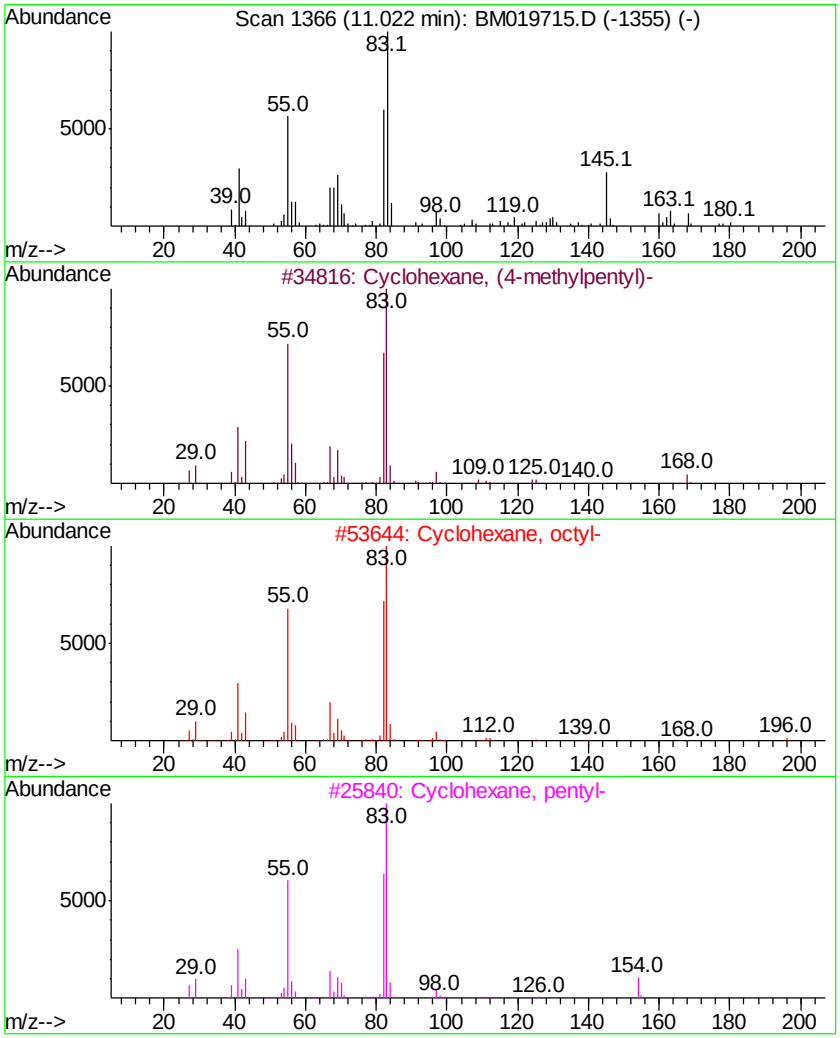
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

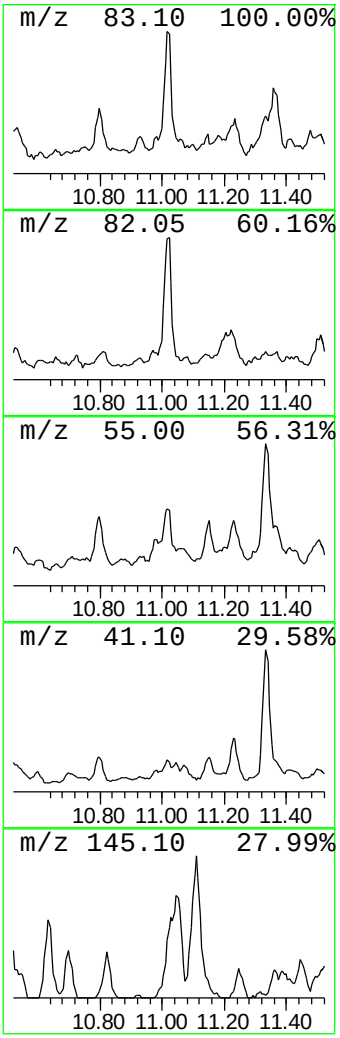
****

Peak Number 13 (DEL) Alkane: Cyclic11.02 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	6.60 ng/ul	367296	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	58
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	53
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	50
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

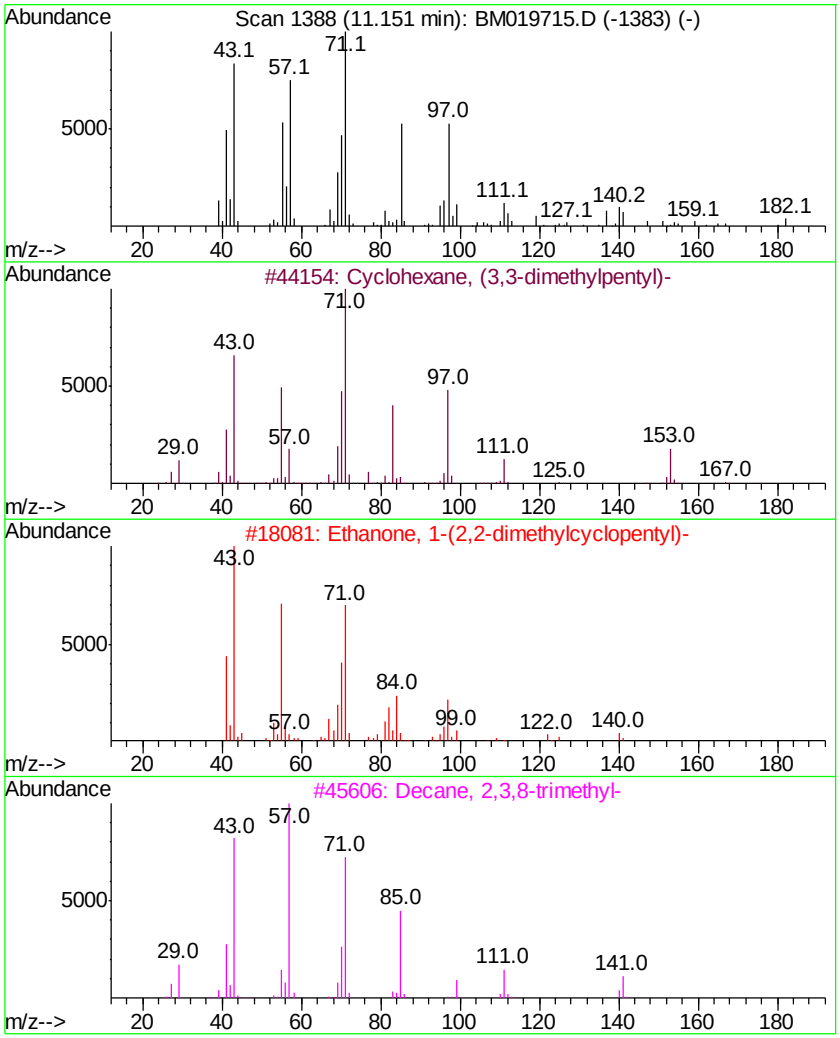
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

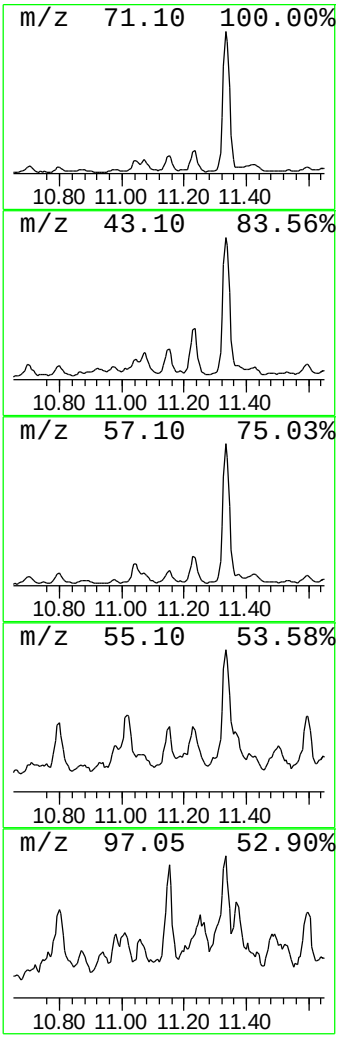
****

Peak Number 14 (DEL) Alkane: Cyclic11.15 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	5.02 ng/ul	279268	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (3,3-dimethylpentyl)-	182	C13H26	061142-22-1	53
2	Ethanone, 1-(2,2-dimethylcyclope...	140	C9H16O	003664-75-3	50
3	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	50
4	Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	47
5	Tritetracontane	605	C43H88	007098-21-7	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

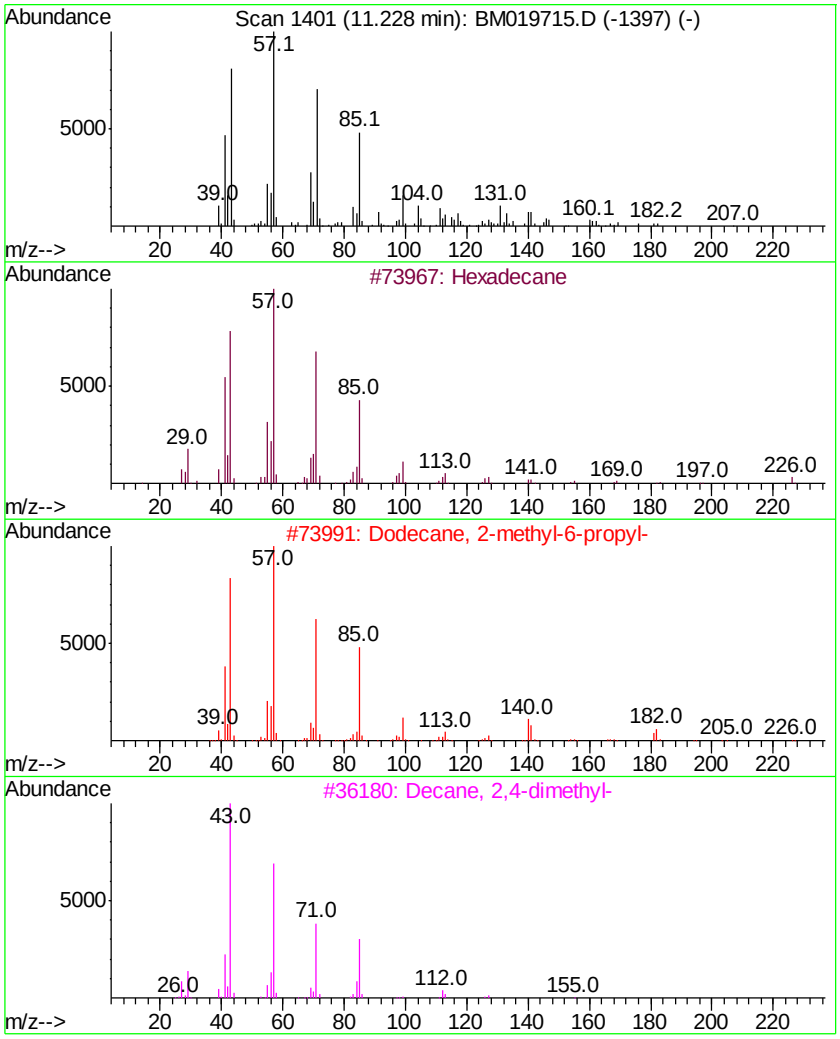
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

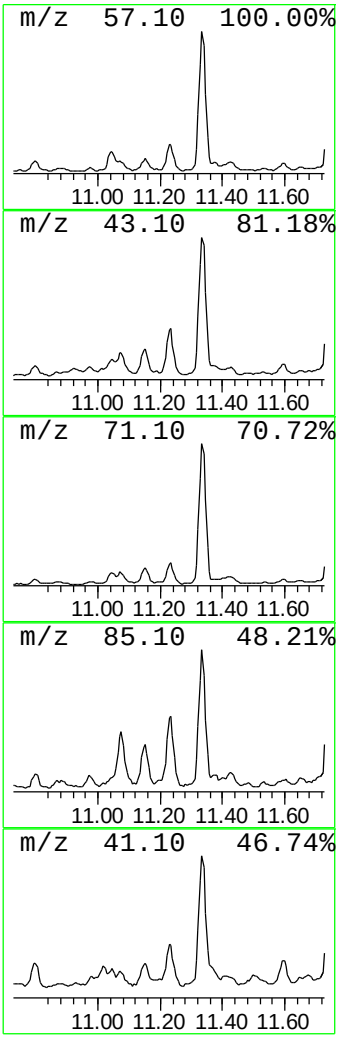
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	10.36 ng/ul	577041	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	74
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
3	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	59
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	53
5	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

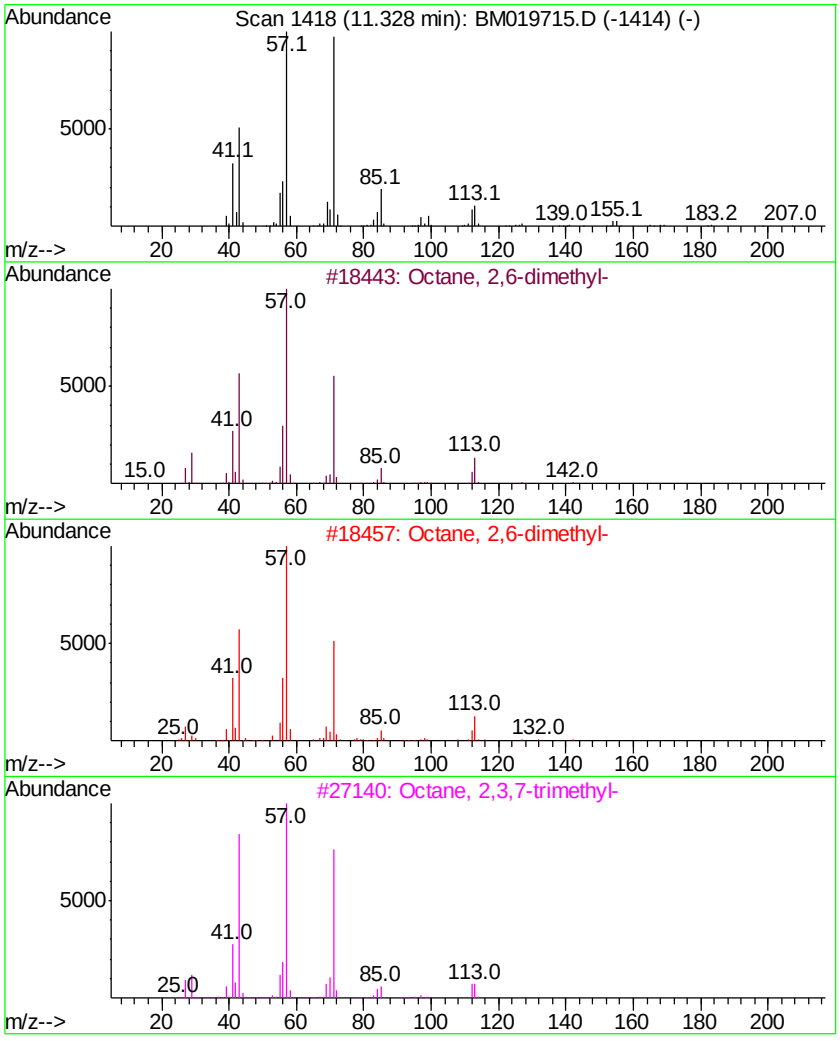
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

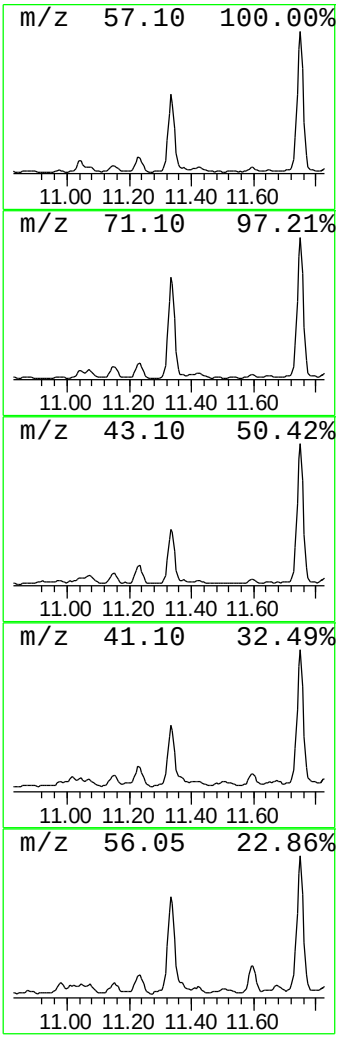
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	27.92 ng/ul	1554410	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
3	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	83
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

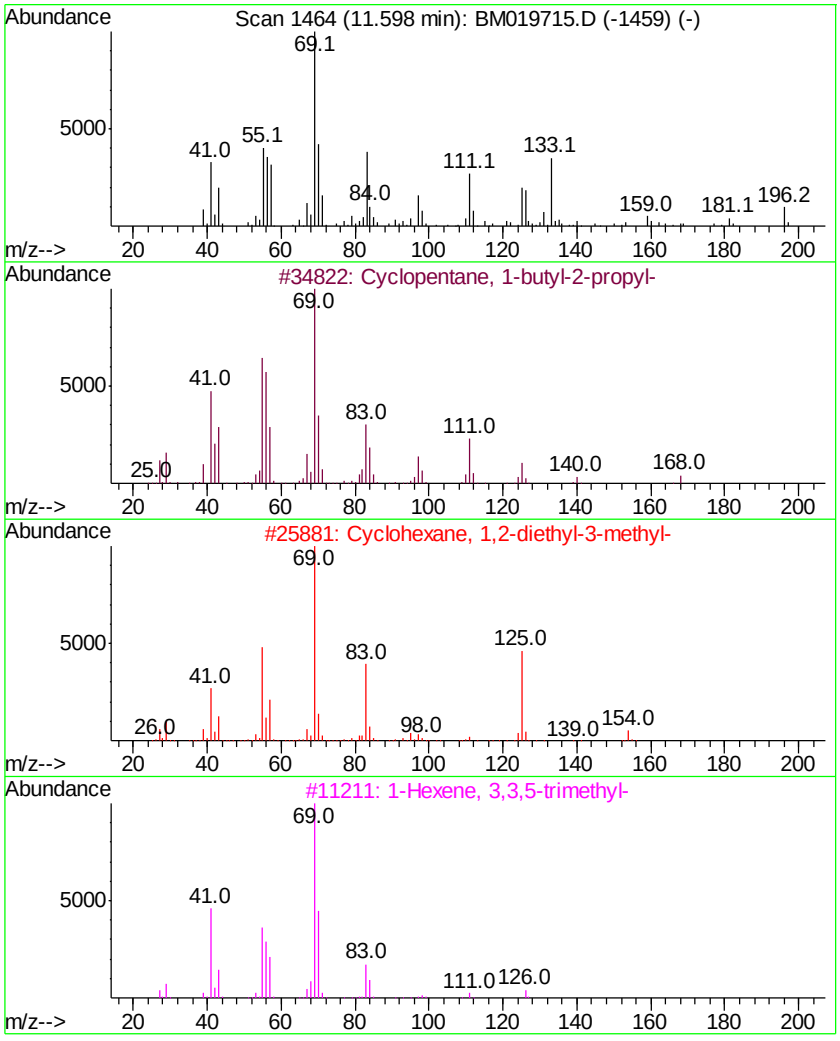
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

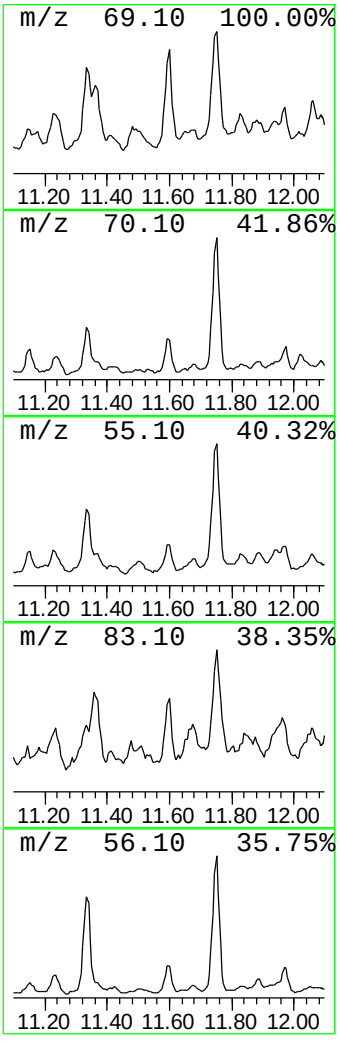
****

Peak Number 17 (DEL) Alkane: Cyclic11.60 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	6.26 ng/ul	348574	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	76
2	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	50
3	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	47
4	3-Heptene, 2,2,3,5,6-pentamethyl-	168	C12H24	116164-06-8	47
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

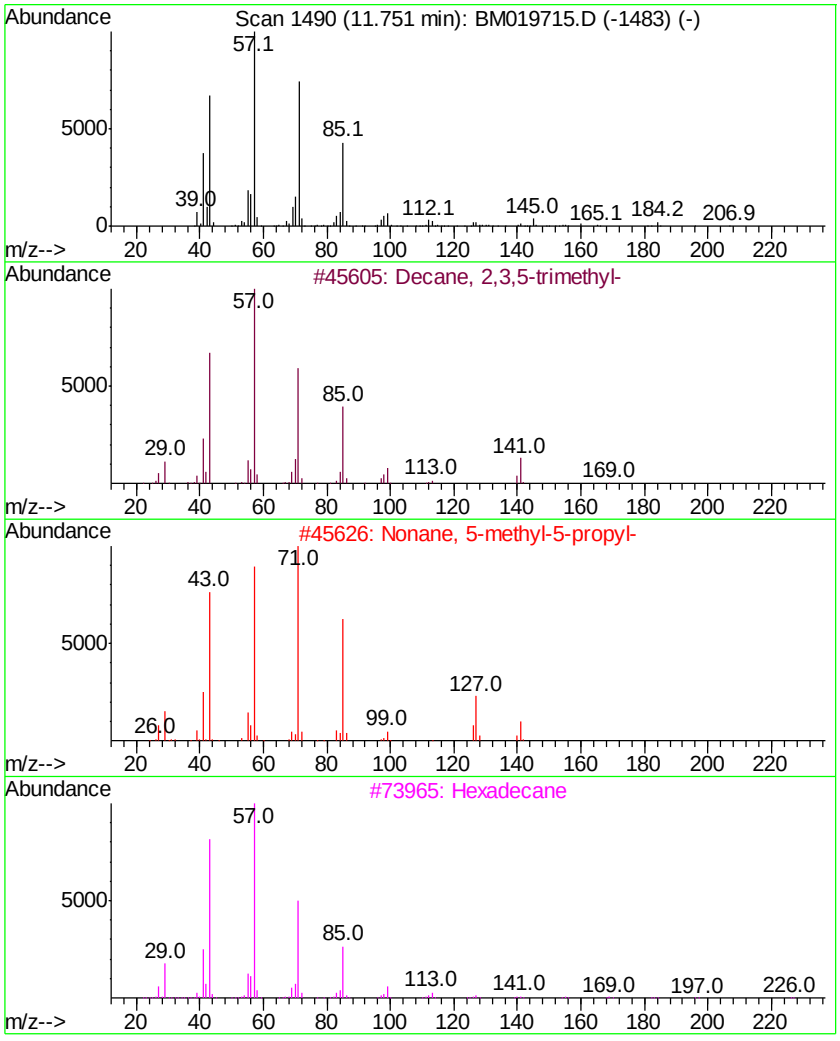
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

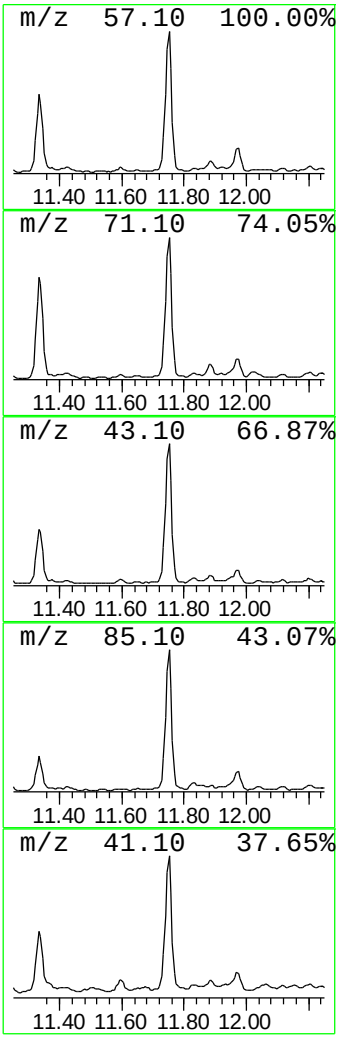
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	49.20 ng/ul	2739840	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
2	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	72
3	Hexadecane	226	C16H34	000544-76-3	72
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	64
5	Tridecane	184	C13H28	000629-50-5	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

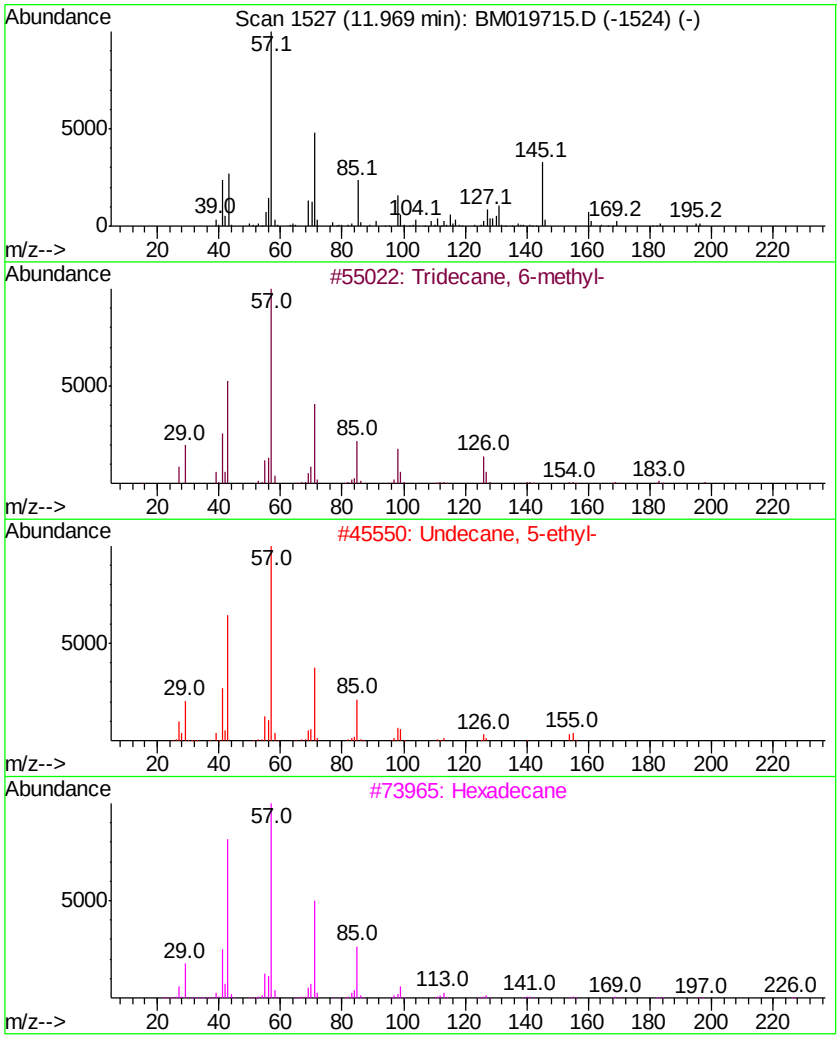
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

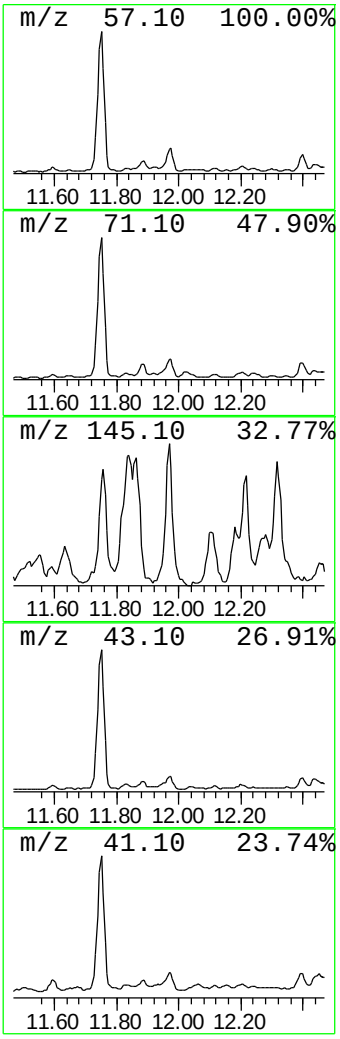
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	7.77 ng/ul	432755	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	50
3	Hexadecane	226	C16H34	000544-76-3	47
4	Pentacosane	352	C25H52	000629-99-2	43
5	Undecane	156	C11H24	001120-21-4	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

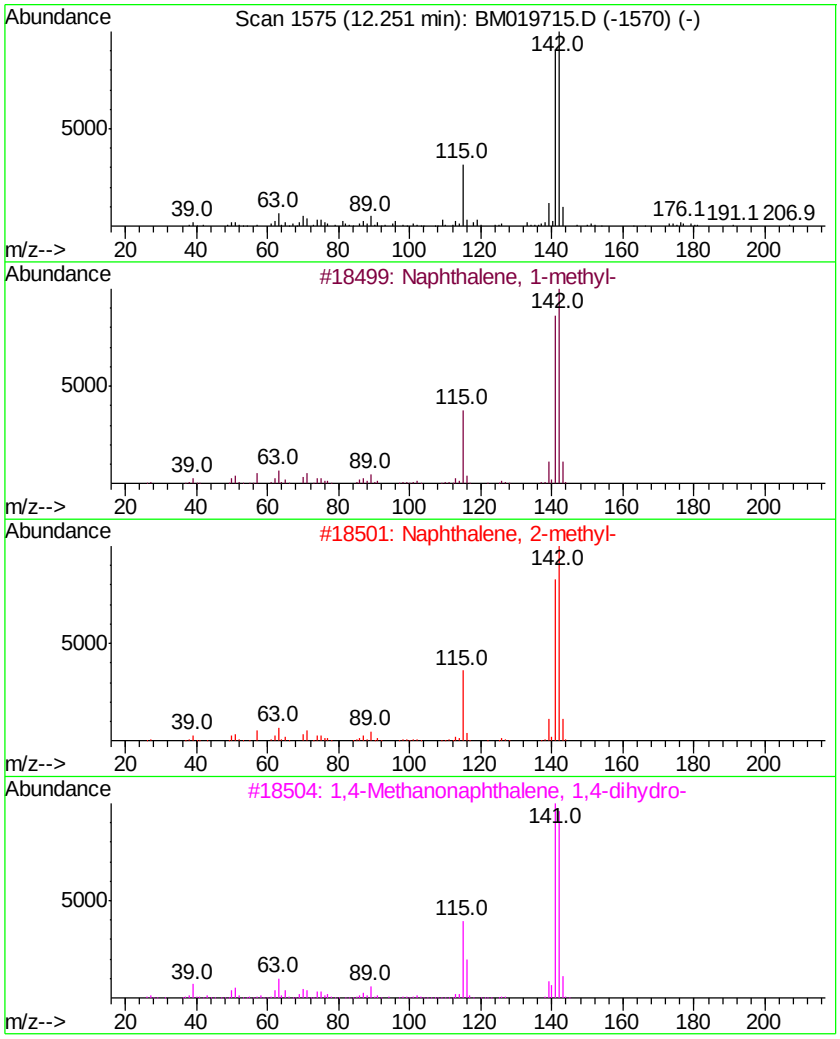
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

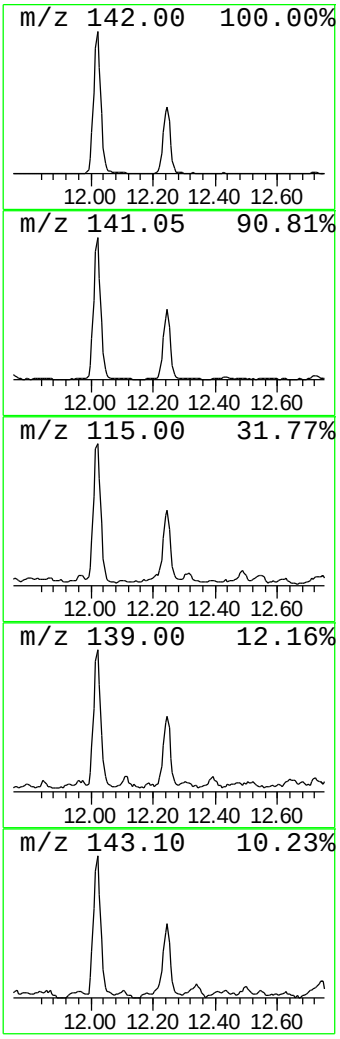
****

Peak Number 20 Naphthalene, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	8.63 ng/ul	480429	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

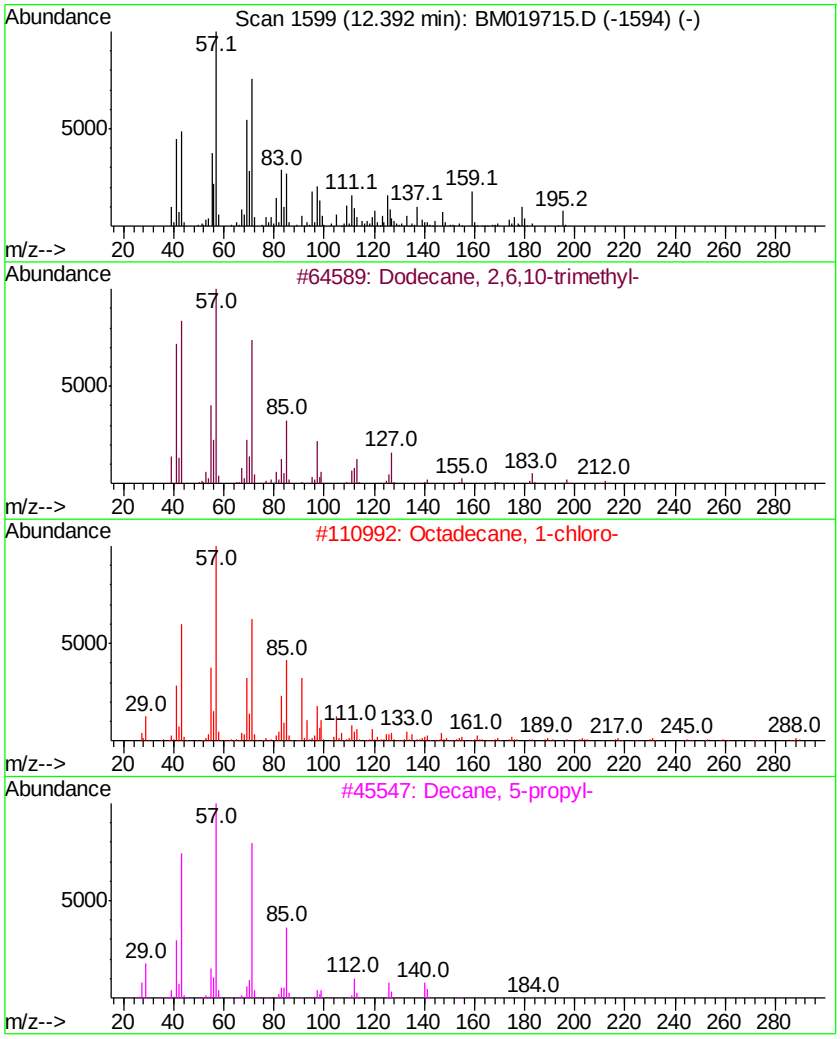
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

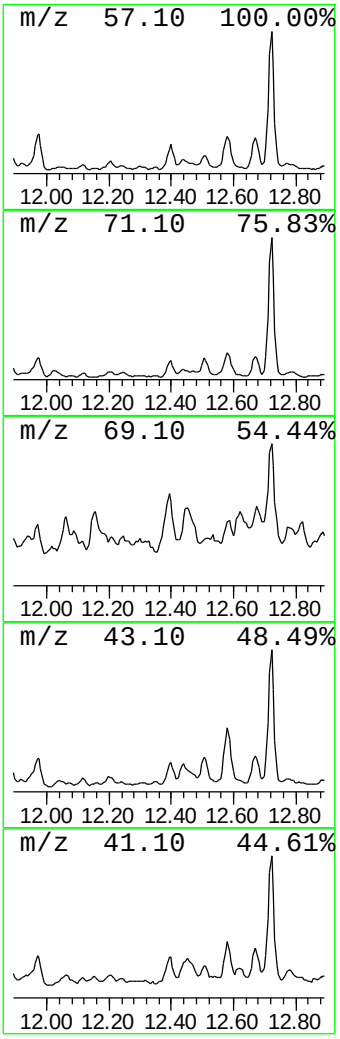
****

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	4.59 ng/ul	522198	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	47
3	Decane, 5-propyl-	184	C13H28	017312-62-8	47
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	43
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

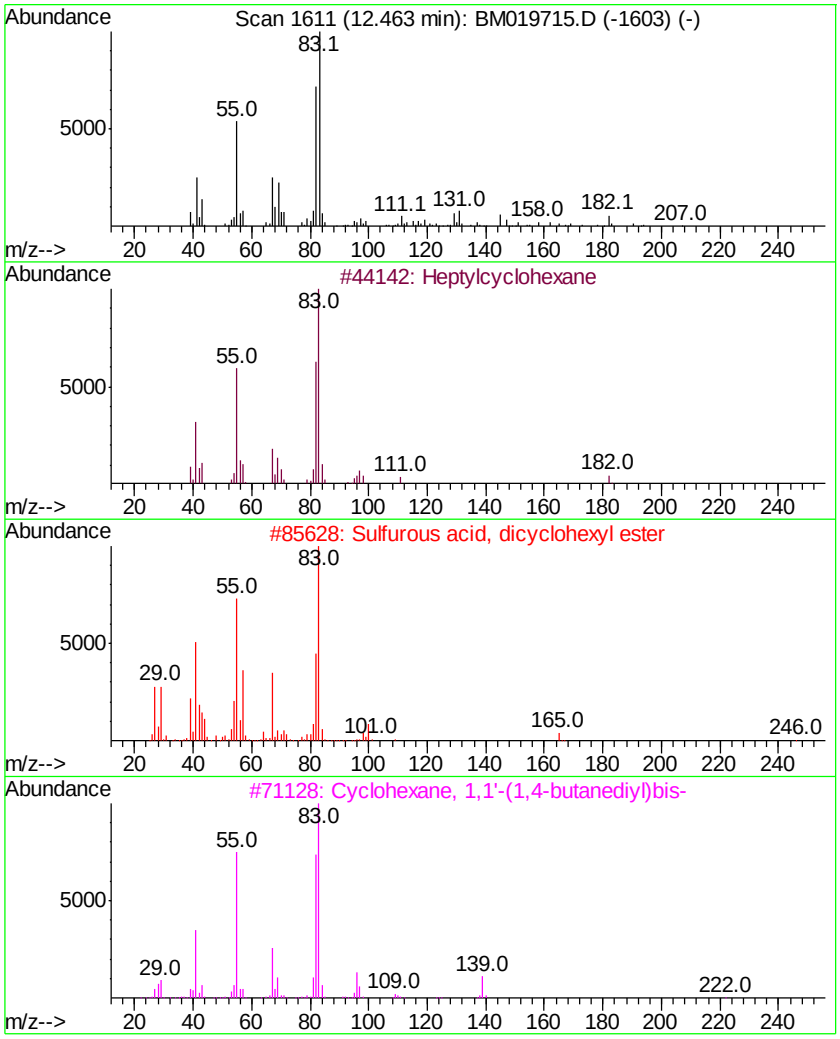
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

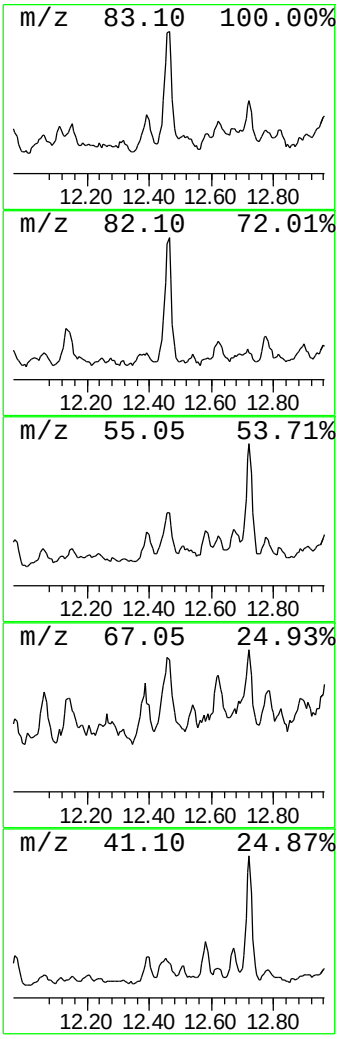
****

Peak Number 22 (DEL) Alkane: Cyclic12.46 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	4.66 ng/ul	530255	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	81
2	Sulfurous acid, dicyclohexyl ester	246	C12H22O3S	006214-17-1	64
3	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	64
4	Heptylcyclohexane	182	C13H26	005617-41-4	64
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

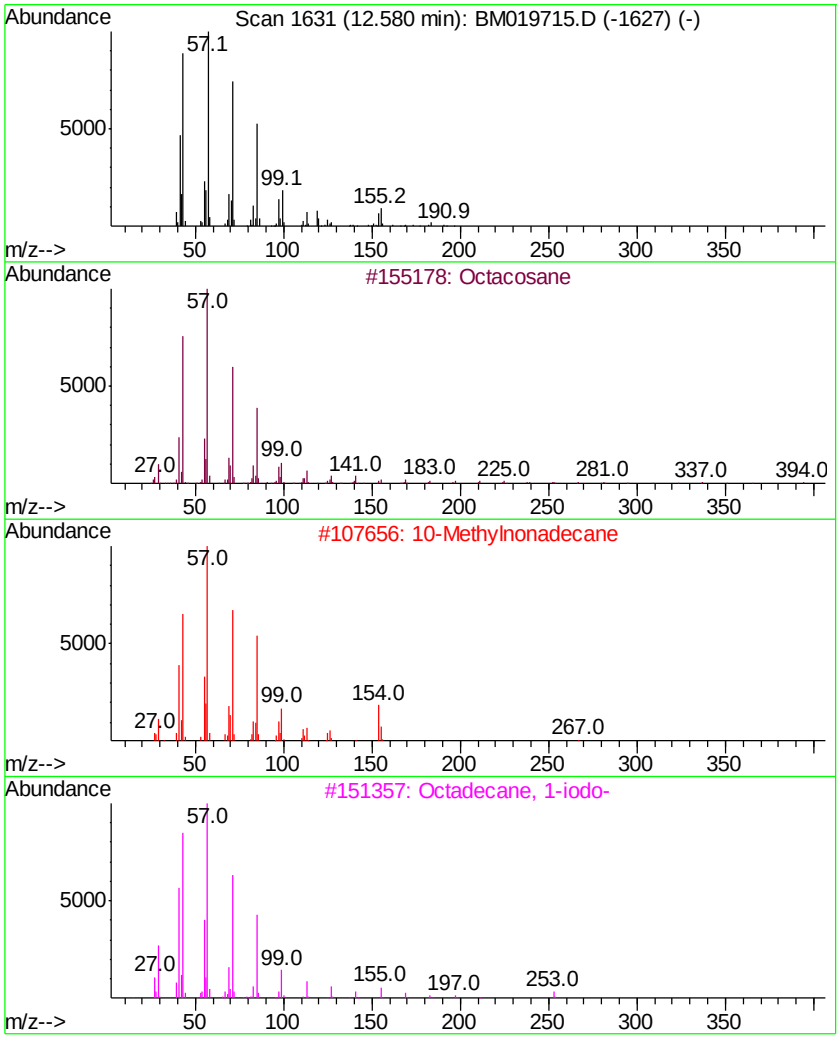
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

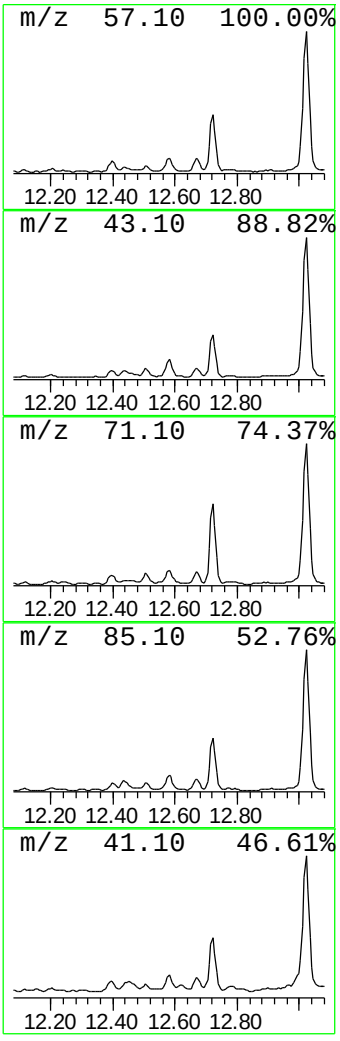
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	2.71 ng/ul	308269	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	10-Methylnonadecane	282	C20H42	056862-62-5	87
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

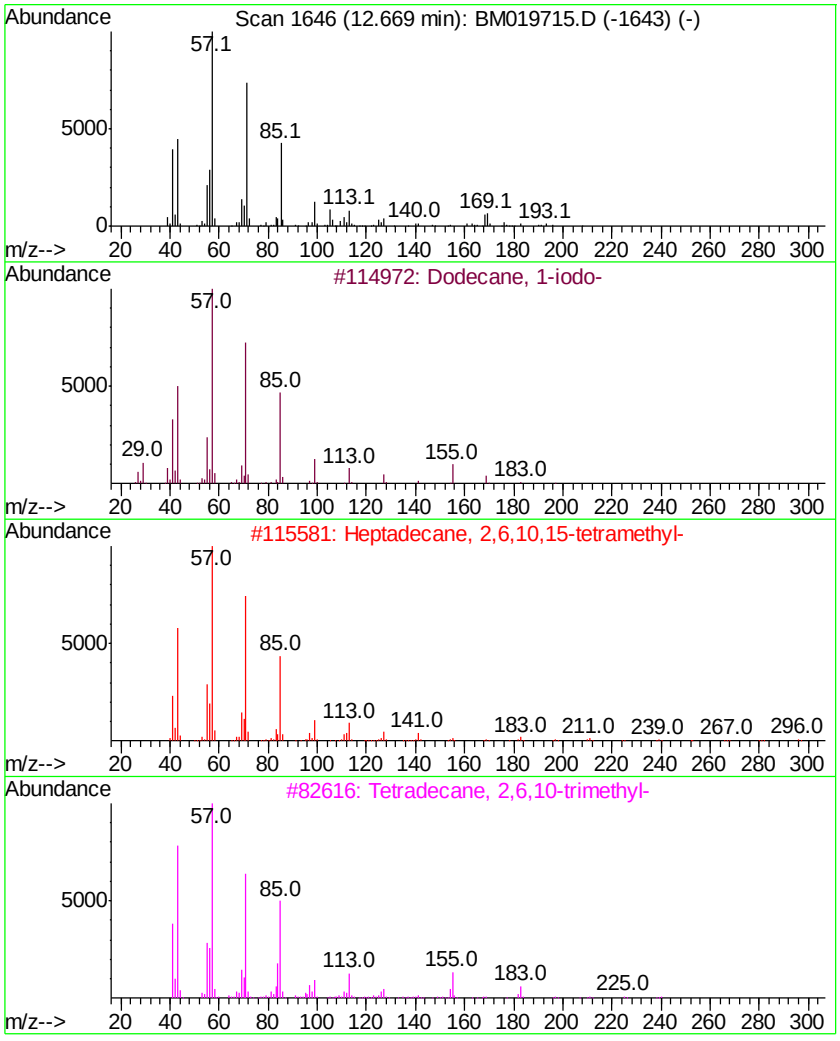
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

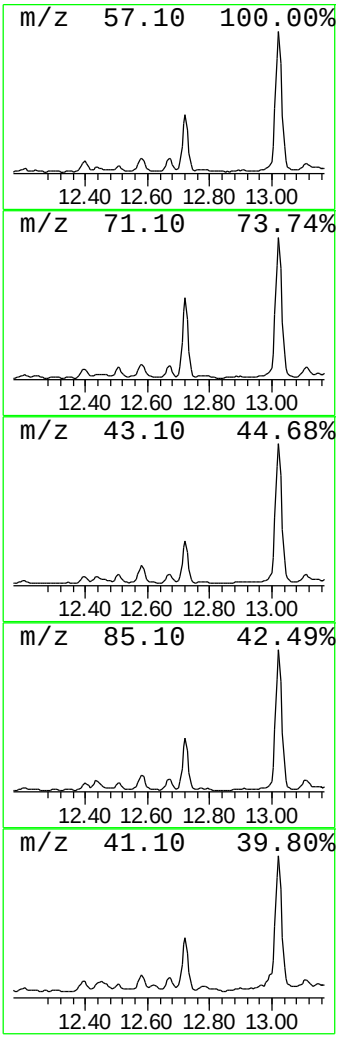
****

Peak Number 24 Dodecane, 1-iodo- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	2.91 ng/ul	330916	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	78
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	78
5	Heptacosane	380	C27H56	000593-49-7	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

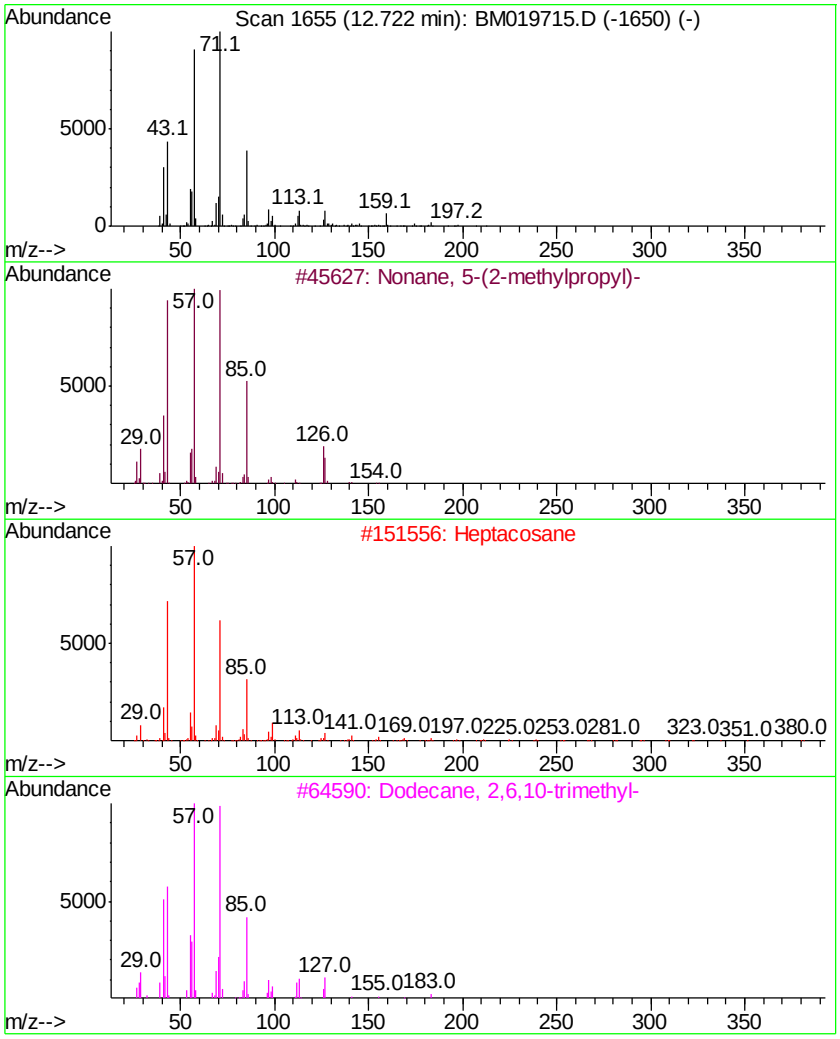
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

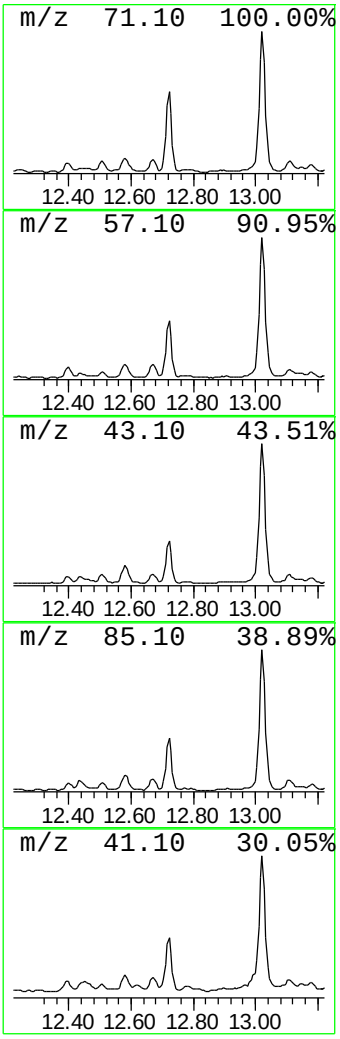
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	14.73 ng/ul	1675200	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72
2	Heptacosane	380	C27H56	000593-49-7	64
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
4	Octacosane	394	C28H58	000630-02-4	53
5	Decane, 5-propyl-	184	C13H28	017312-62-8	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

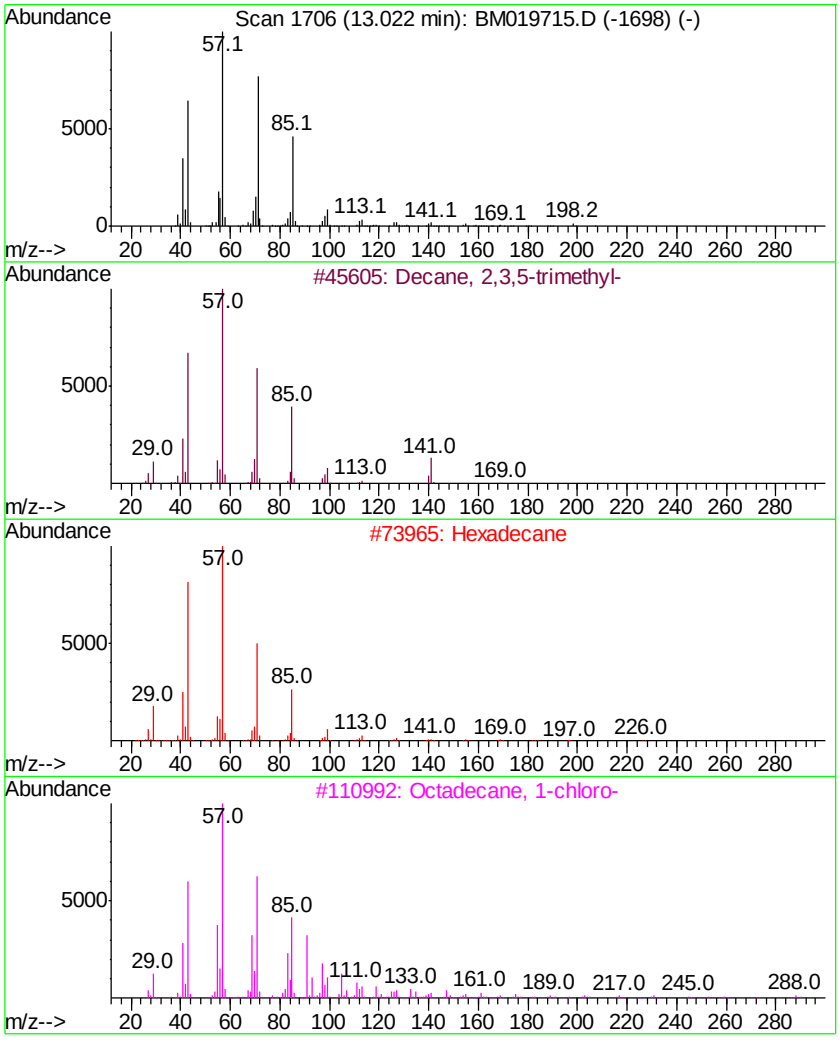
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

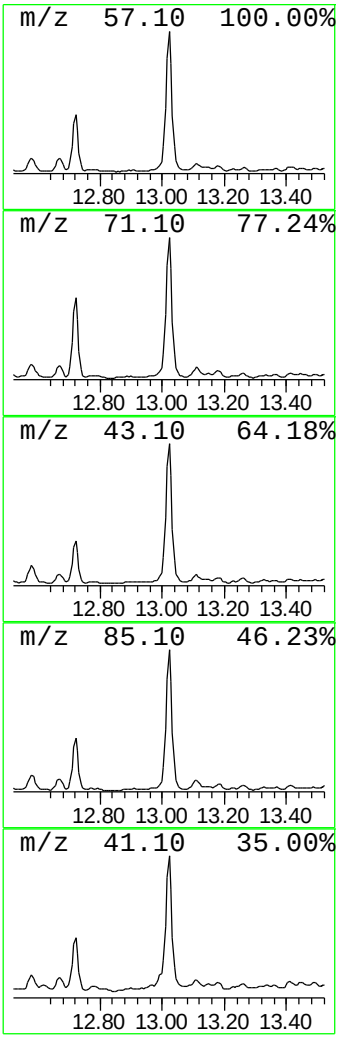
****

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	37.22 ng/ul	4233160	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
2	Hexadecane	226	C16H34	000544-76-3	80
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	78
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

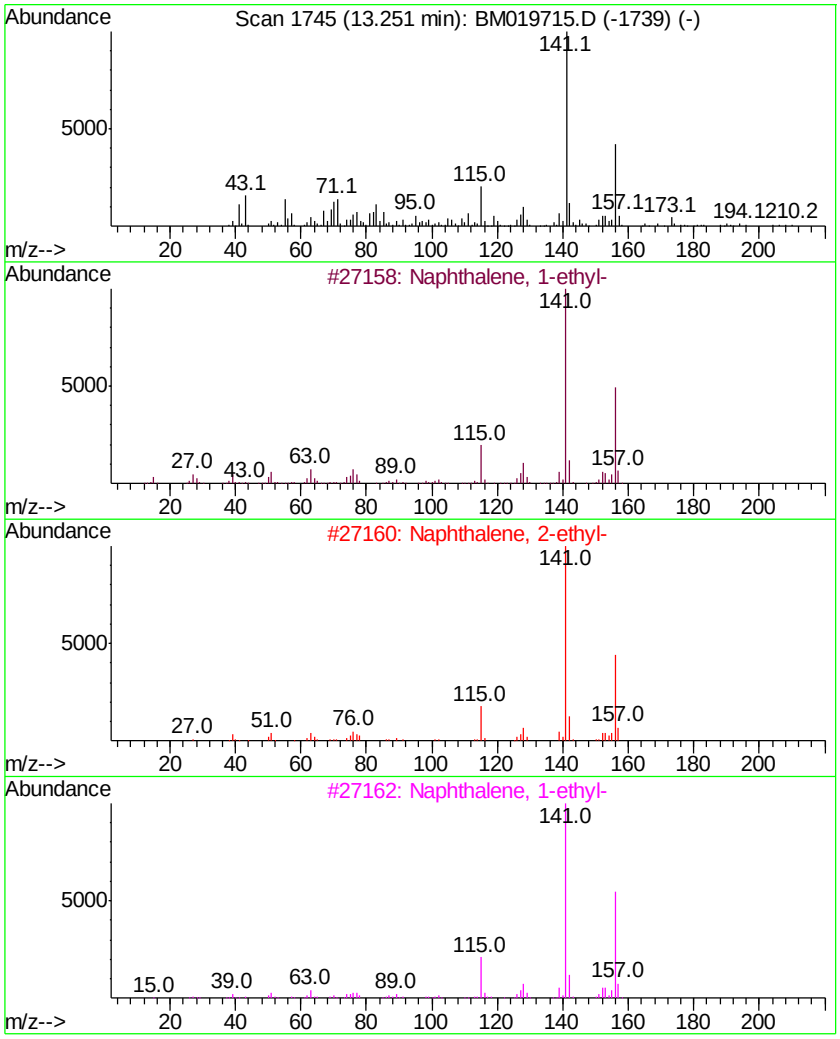
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

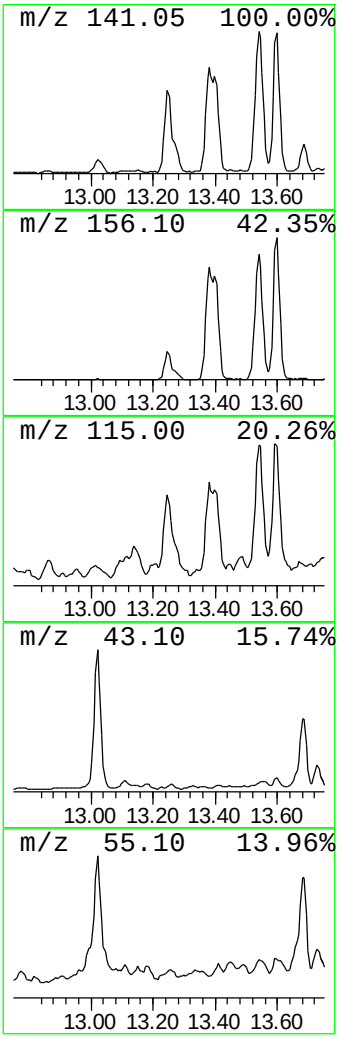
****

Peak Number 27 unknown-01 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	6.41 ng/ul	729088	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

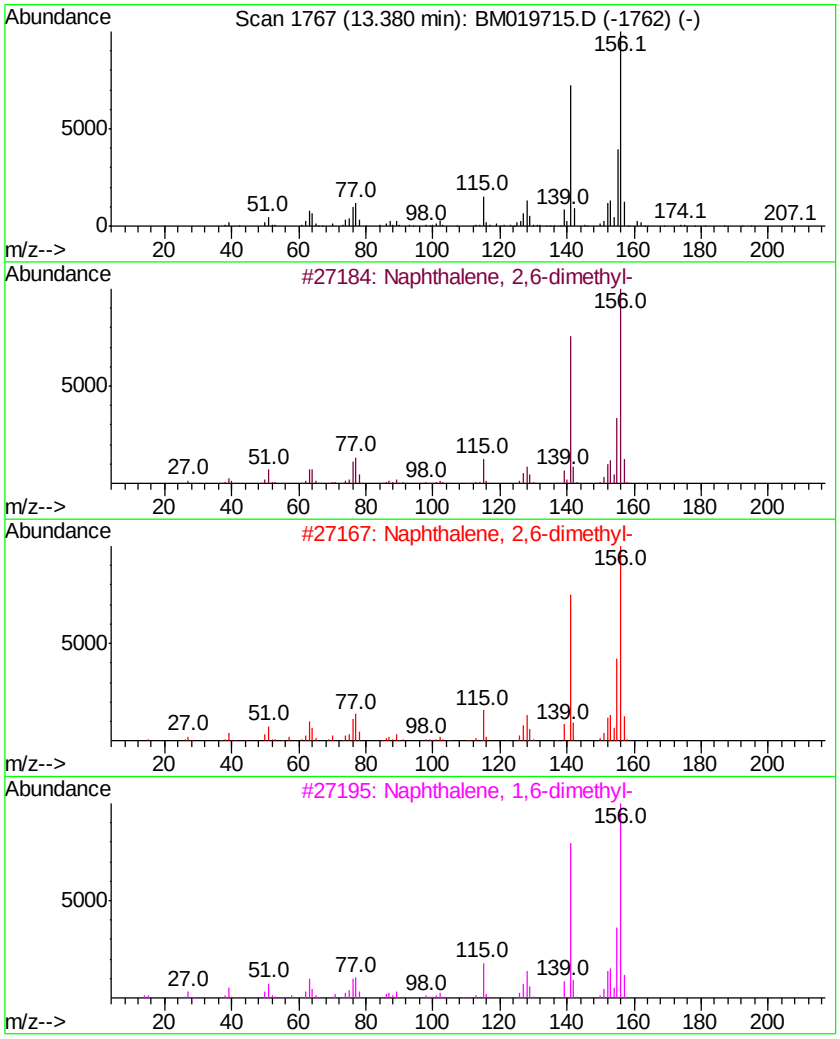
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

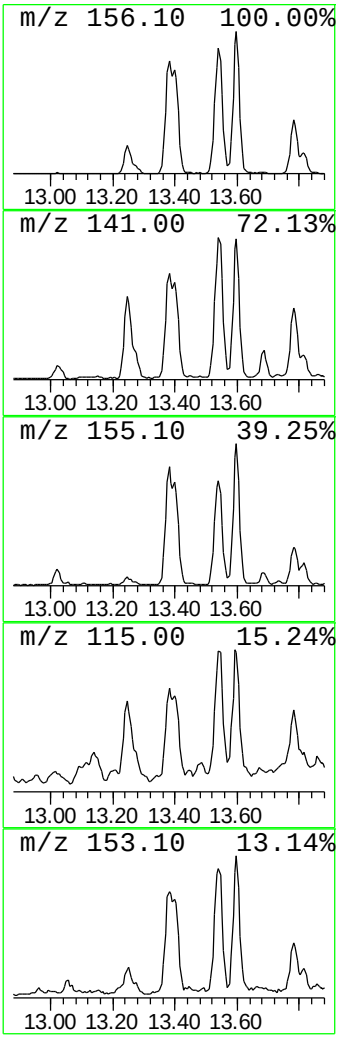
****

Peak Number 28 Naphthalene, 2,6-dimethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	5.09 ng/ul	578559	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

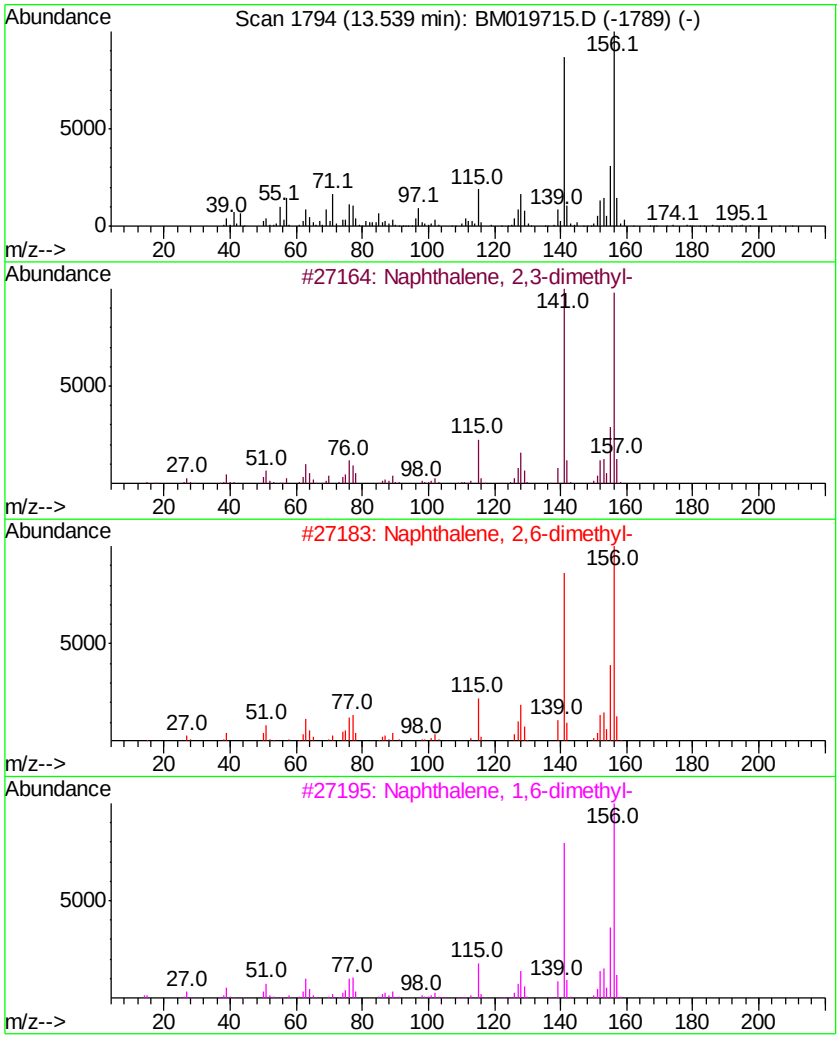
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

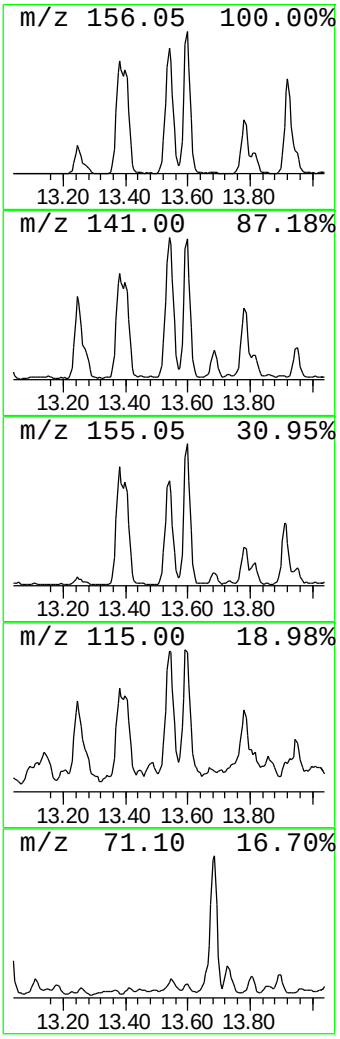
****

Peak Number 29 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	12.24 ng/ul	1392560	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

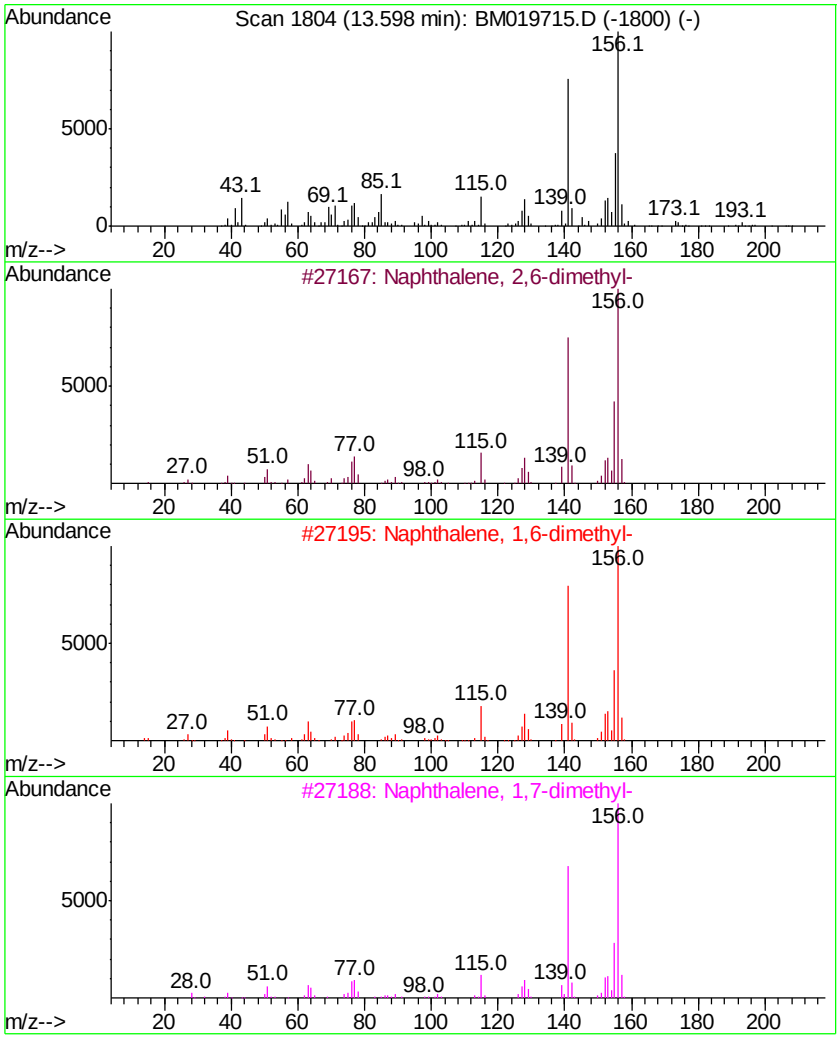
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

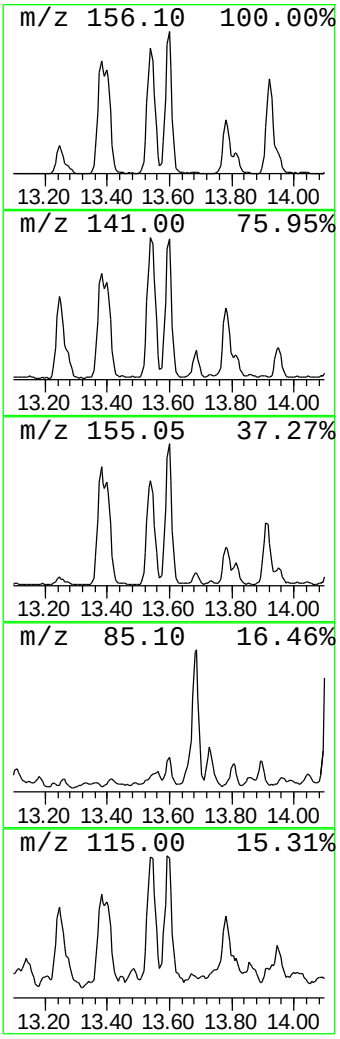
****

Peak Number 30 Naphthalene, 1,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	10.98 ng/ul	1248850	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

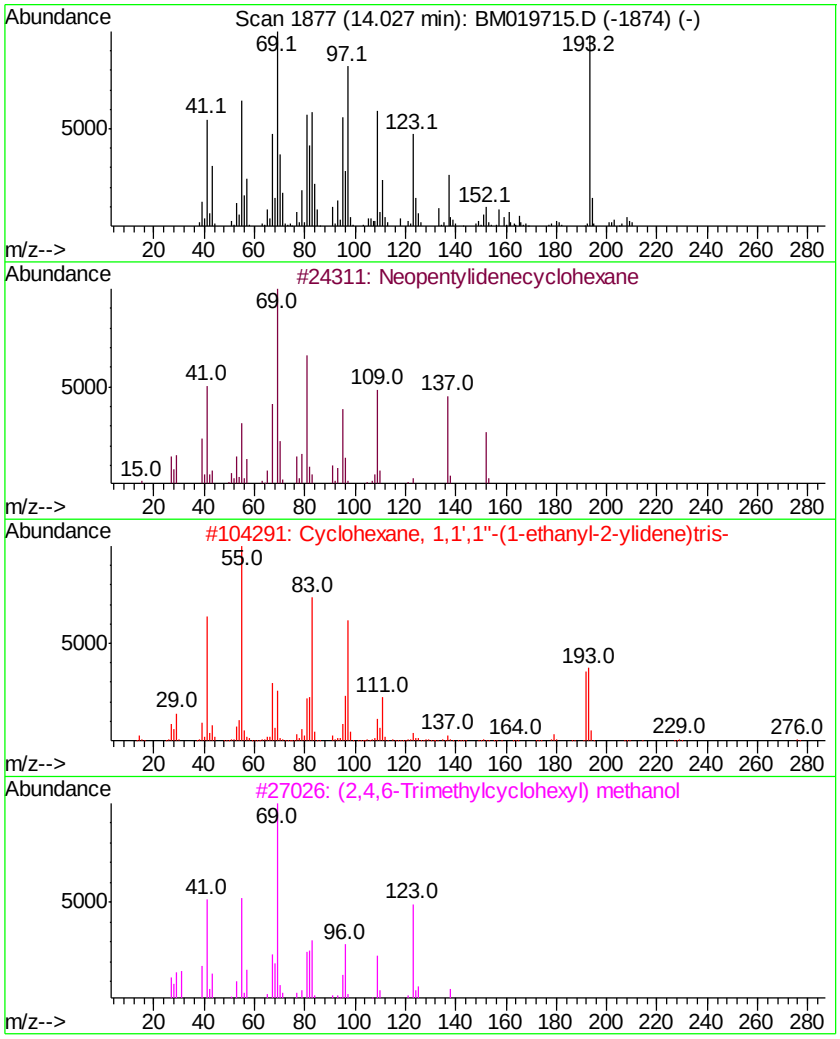
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

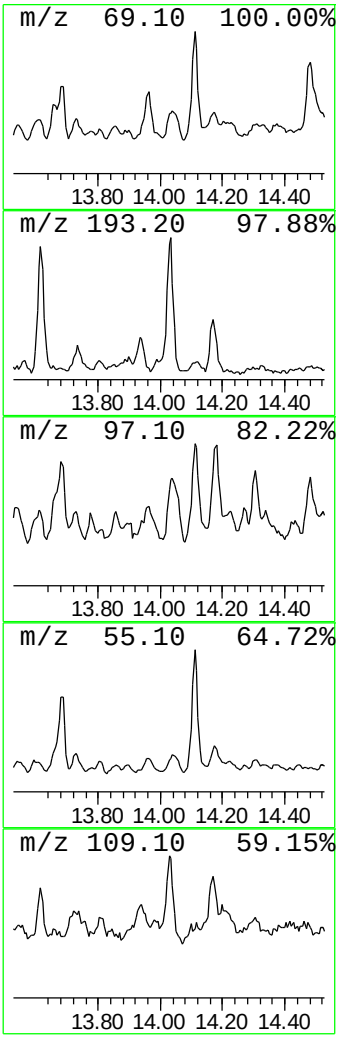
****

Peak Number 31 unknown-02 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	6.05 ng/ul	687488	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentylidenecyclohexane	152	C11H20	039546-80-0	38
2	Cyclohexane, 1,1',1''-(1-ethanyl...	276	C20H36	055682-86-5	35
3	(2,4,6-Trimethylcyclohexyl) meth...	156	C10H20O	013702-56-2	27
4	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	27
5	1-Hexyne, 3-ethoxy-3,4-dimethyl-	154	C10H18O	054244-91-6	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

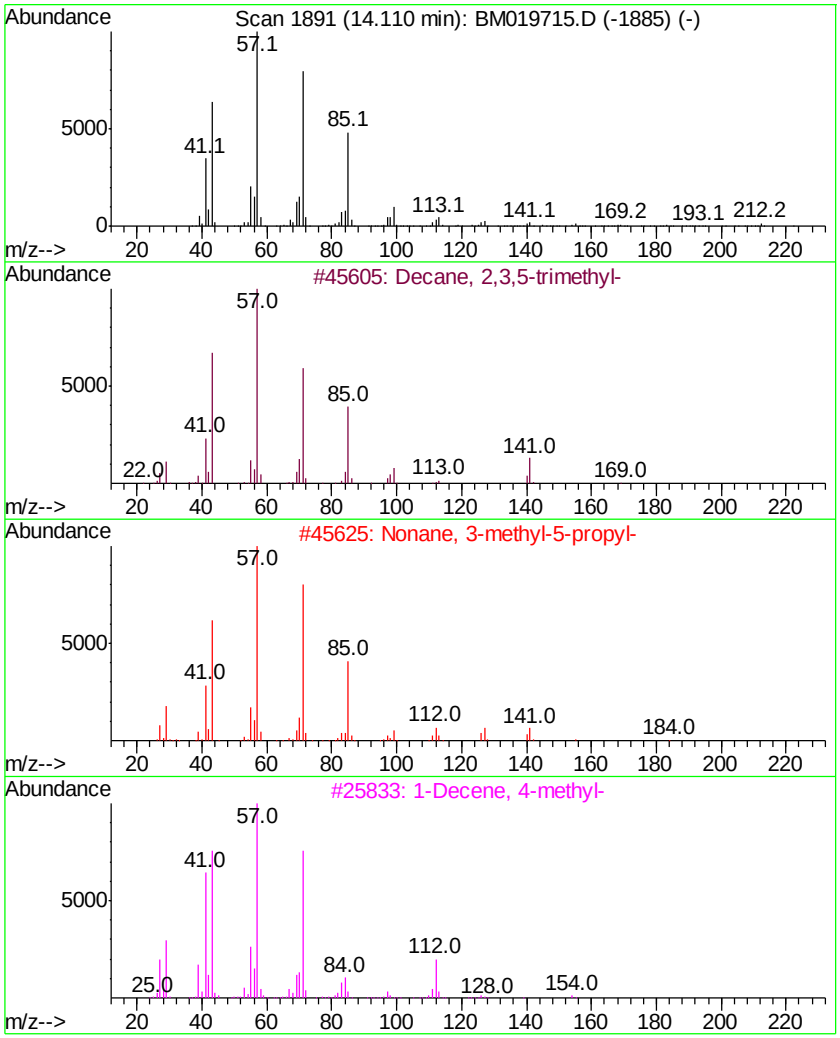
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

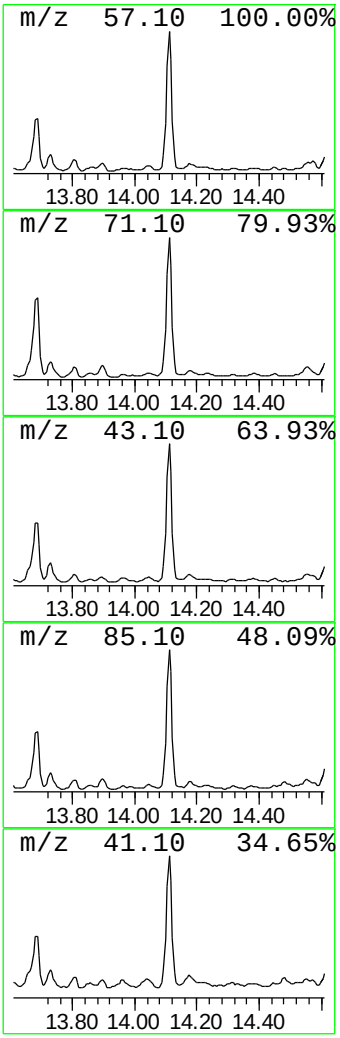
****

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	38.71 ng/ul	4402870	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	83
3	1-Decene, 4-methyl-	154	C11H22	013151-29-6	64
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
5	Nonadecane	268	C19H40	000629-92-5	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

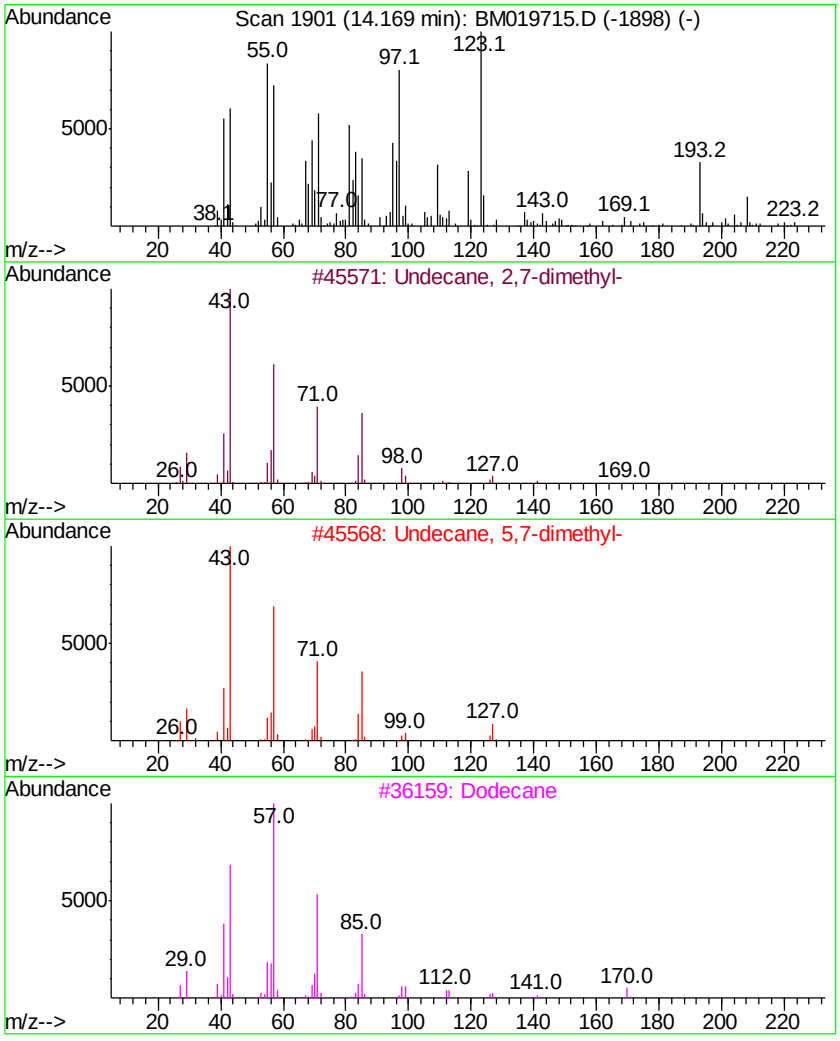
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

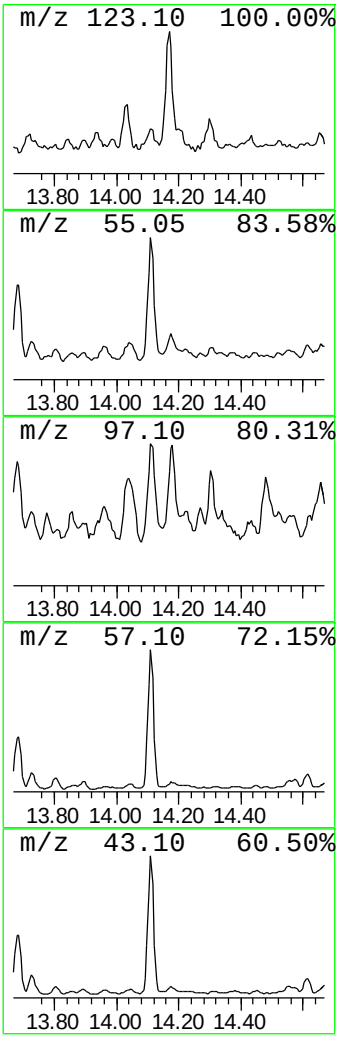
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	5.08 ng/ul	577910	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	25
2	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	25
3	Dodecane	170	C12H26	000112-40-3	20
4	5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	20
5	Decane, 3-methyl-	156	C11H24	013151-34-3	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

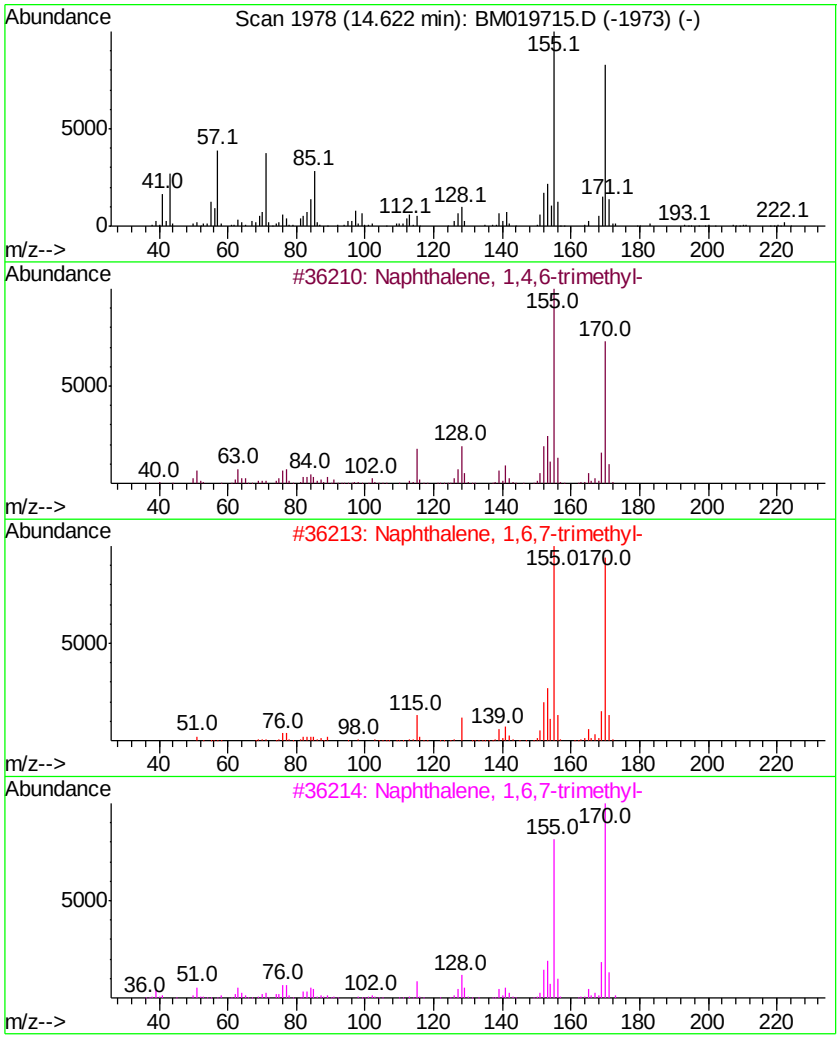
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

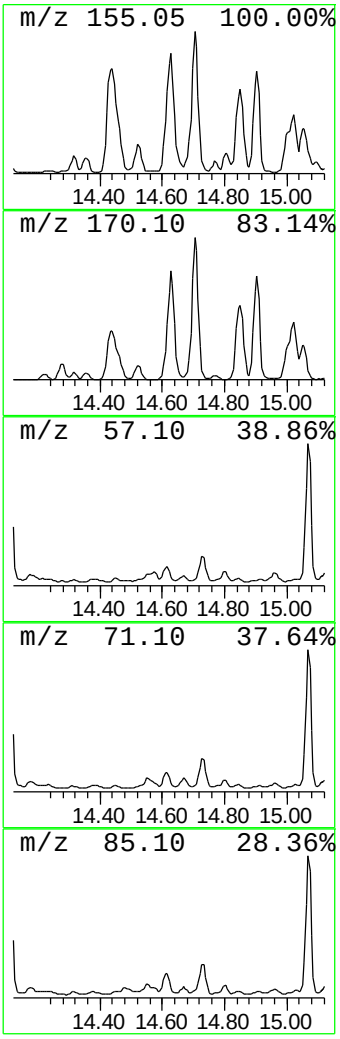
****

Peak Number 34 Naphthalene, 1,4,6-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	8.05 ng/ul	915618	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	78
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	70
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

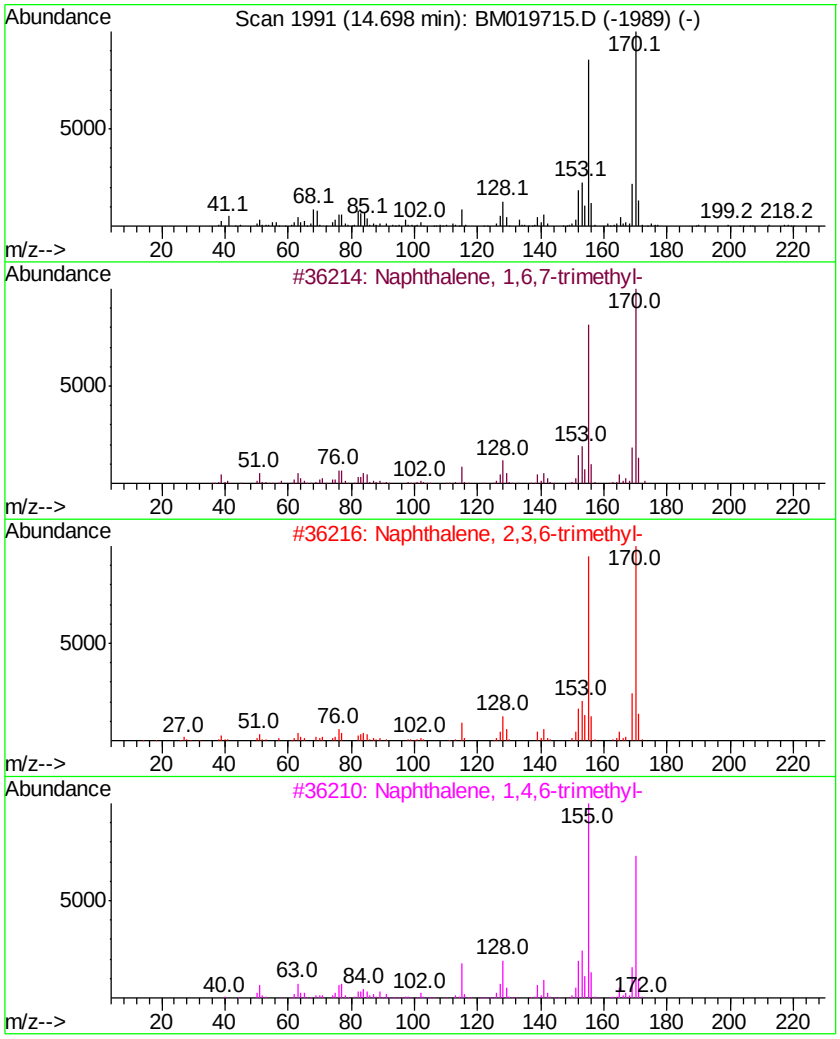
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

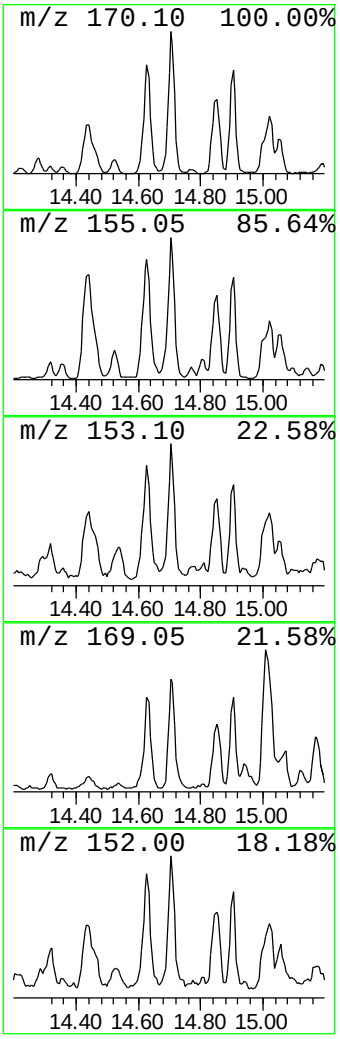
****

Peak Number 35 Naphthalene, 1,6,7-trimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	5.38 ng/ul	612146	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

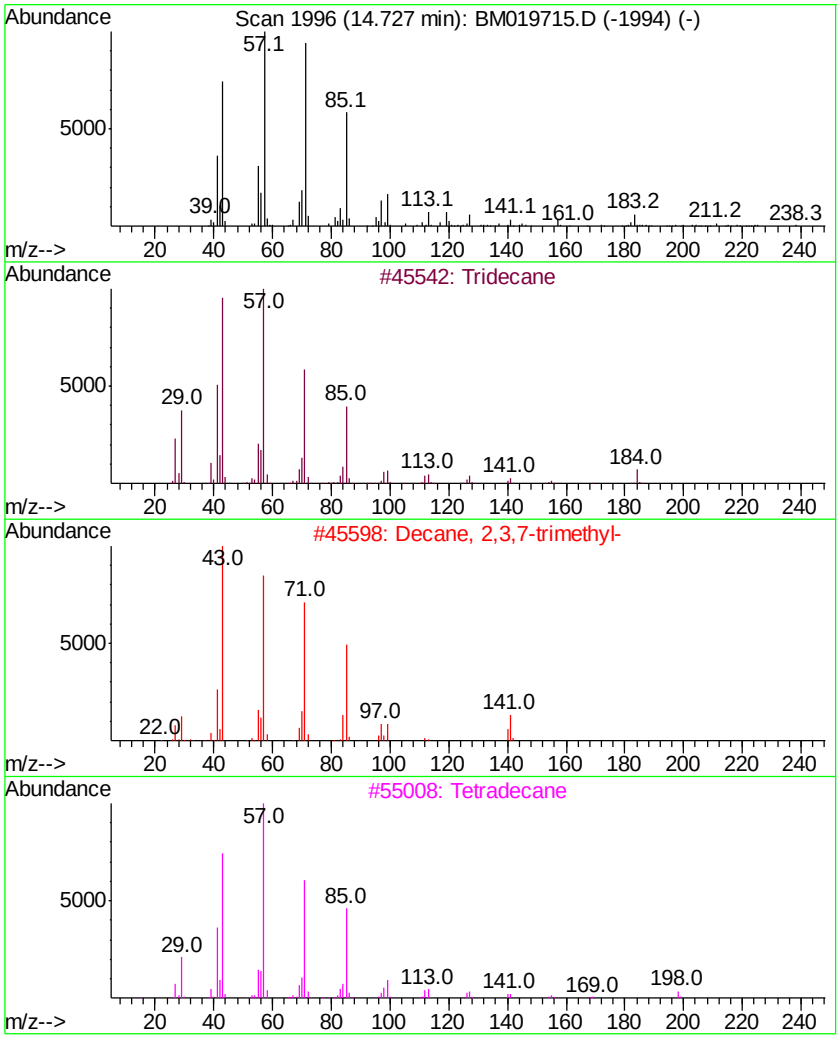
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

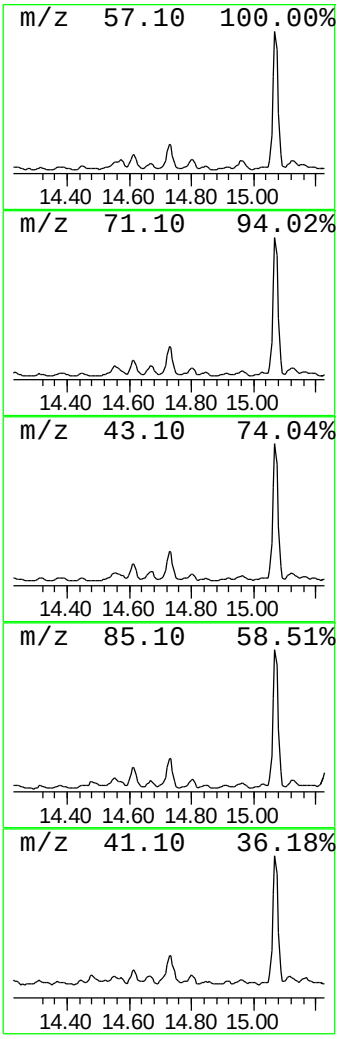
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	7.91 ng/ul	899171	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	64
2	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	64
3	Tetradecane	198	C14H30	000629-59-4	58
4	Butanal, 4-[(tetrahydro-2H-pyran...	172	C9H16O3	054911-85-2	47
5	Decane, 5-propyl-	184	C13H28	017312-62-8	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

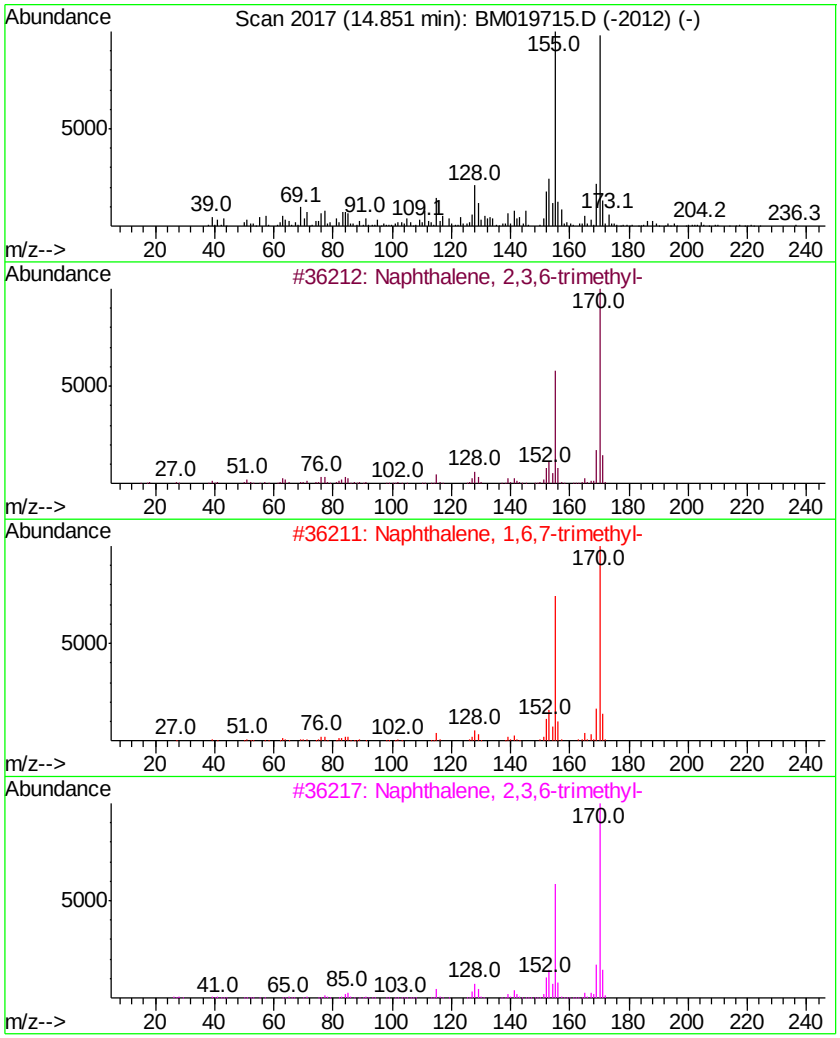
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

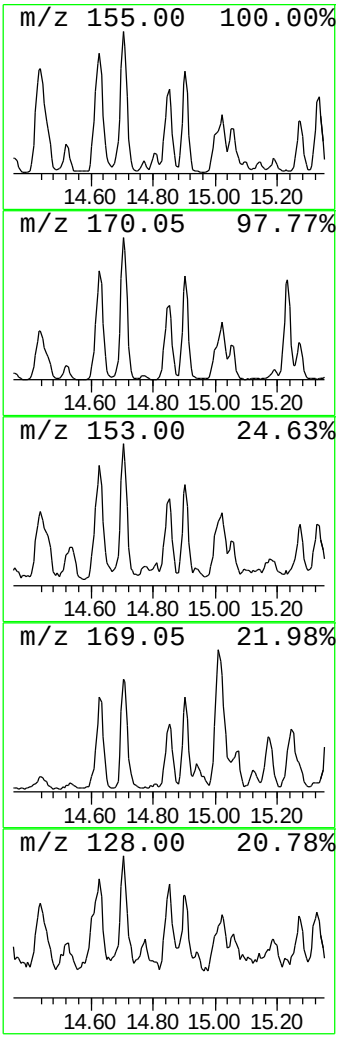
****

Peak Number 37 Naphthalene, 2,3,6-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	6.35 ng/ul	722645	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

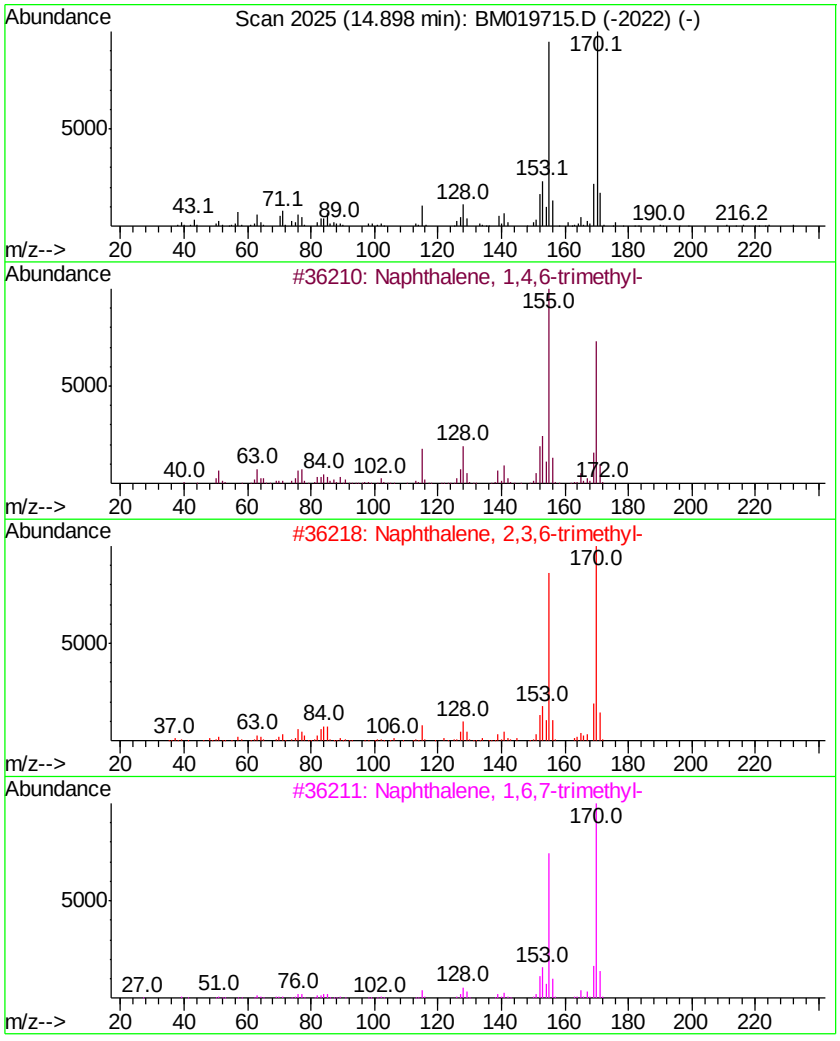
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

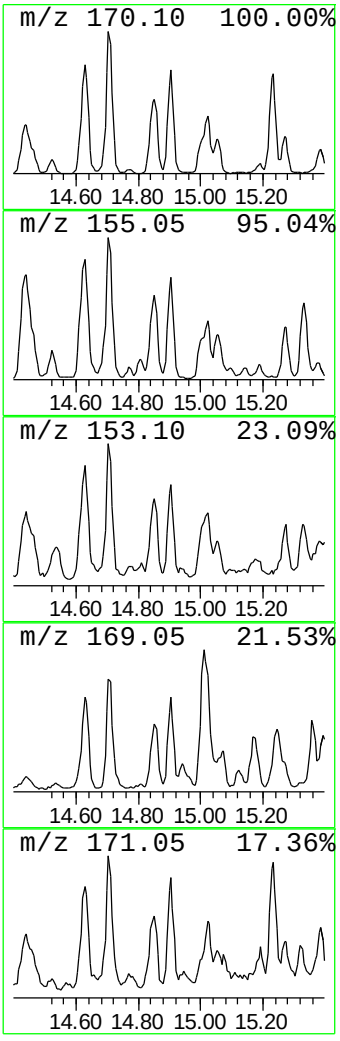
****

Peak Number 38 unknown-03 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	4.49 ng/ul	510660	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

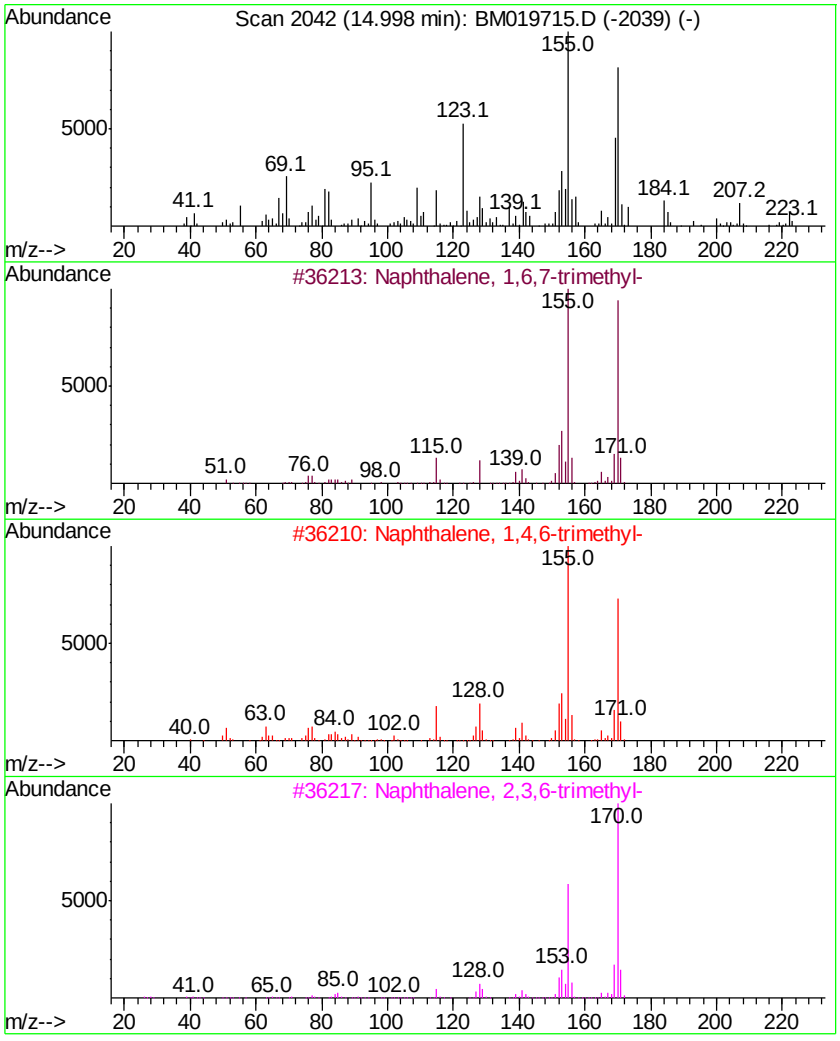
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

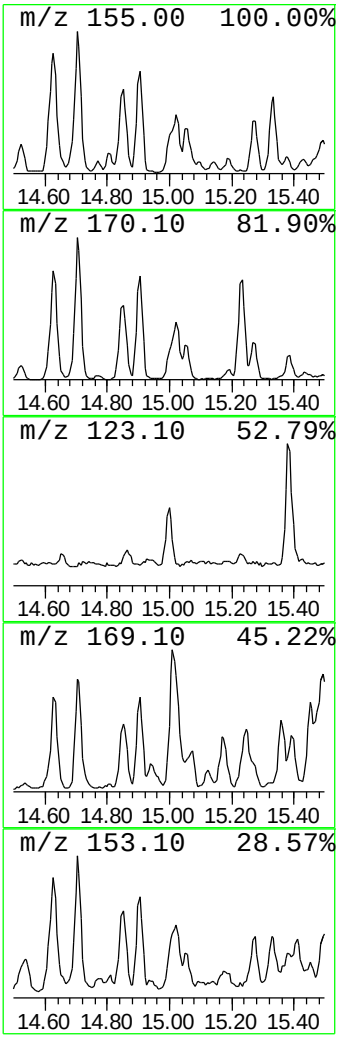
****

Peak Number 39 Azulene, 4,6,8-trimethyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	3.22 ng/ul	366263	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	64
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

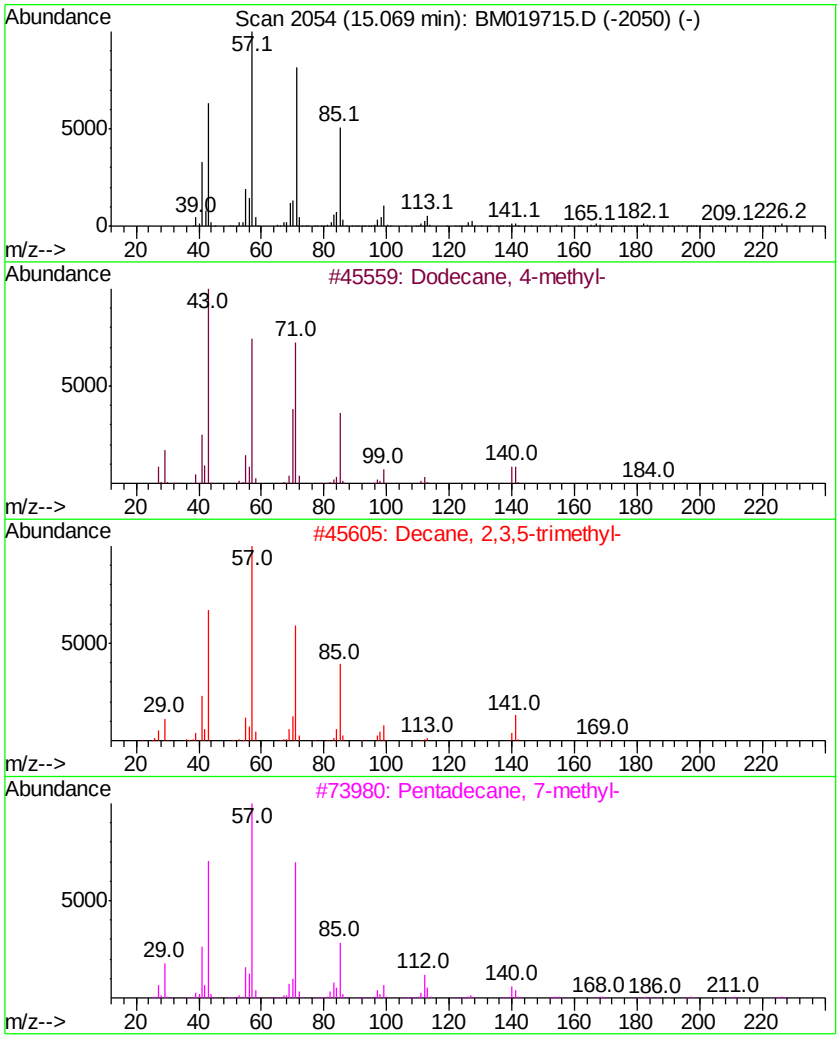
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

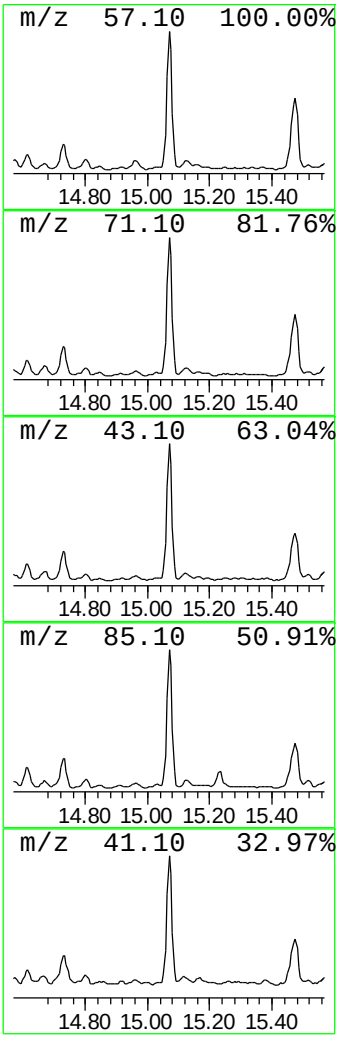
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	31.52 ng/ul	3584150	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	90
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
4	Decane, 5-propyl-	184	C13H28	017312-62-8	87
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

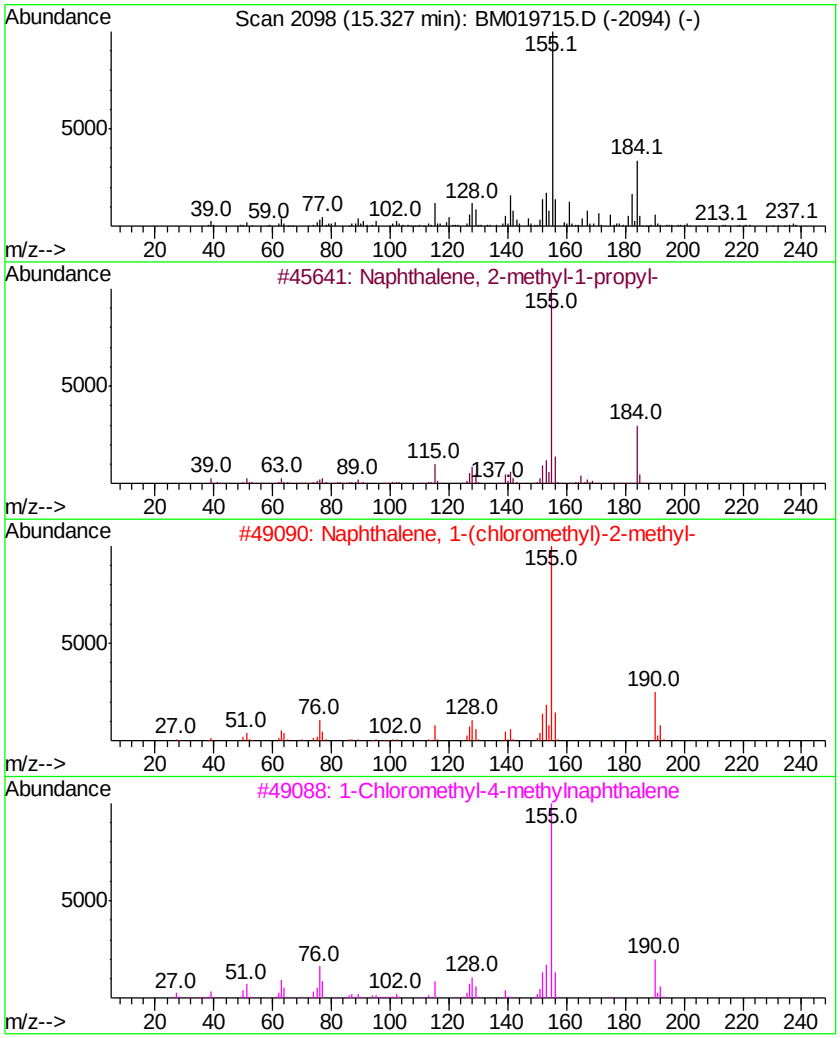
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

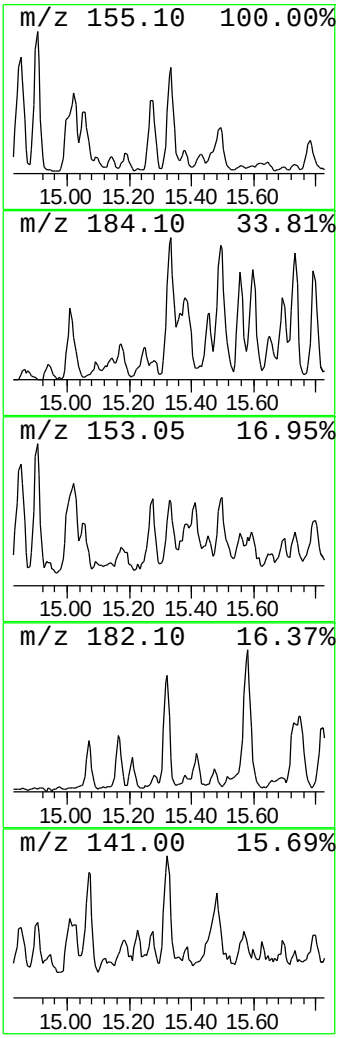
****

Peak Number 41 Naphthalene, 2-methyl-1-pro... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	2.93 ng/ul	333546	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-1-propyl-	184	C14H16	054774-89-9	96
2	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	93
3	1-Chloromethyl-4-methylnaphthalene	190	C12H11Cl	005261-50-7	58
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	53
5	Pyridine, 4-phenyl-	155	C11H9N	000939-23-1	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

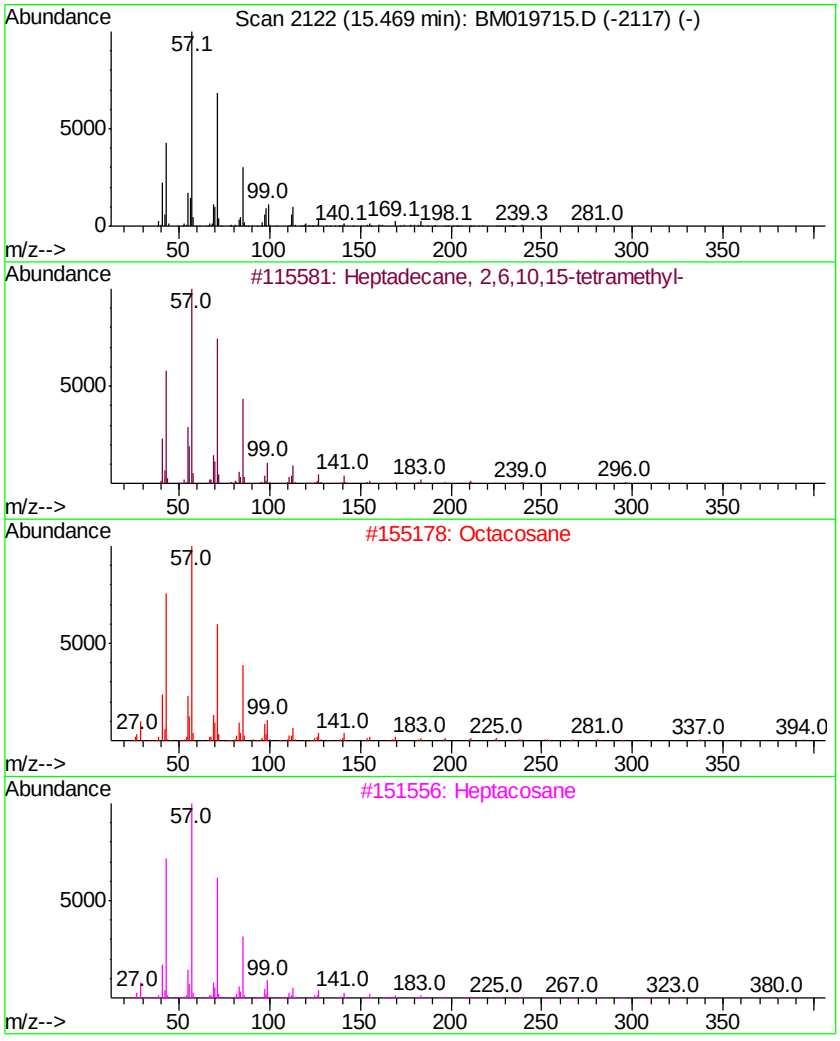
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

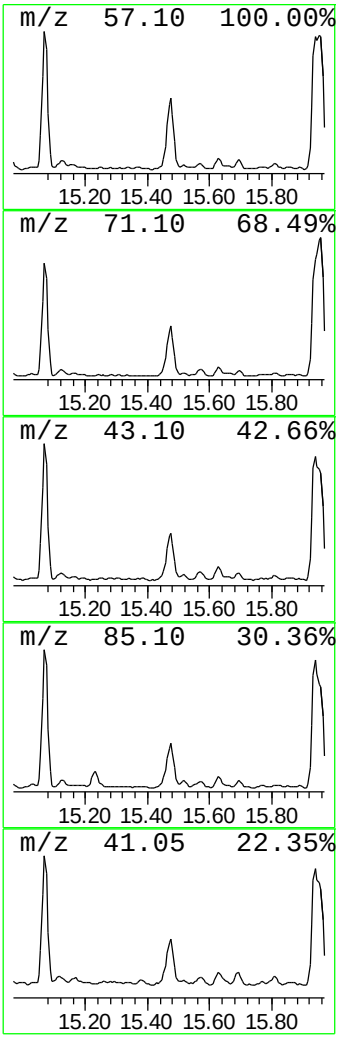
****

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	18.50 ng/ul	2103450	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
2	Octacosane	394	C28H58	000630-02-4	86
3	Heptacosane	380	C27H56	000593-49-7	86
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

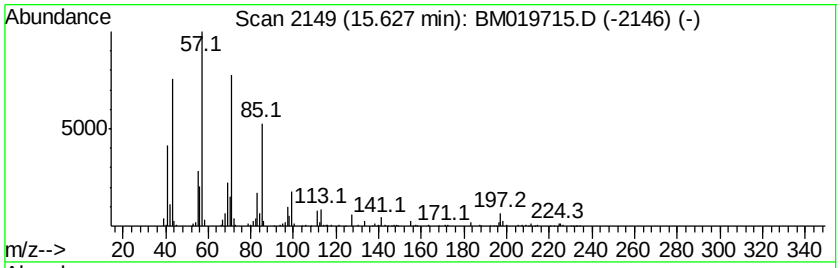
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

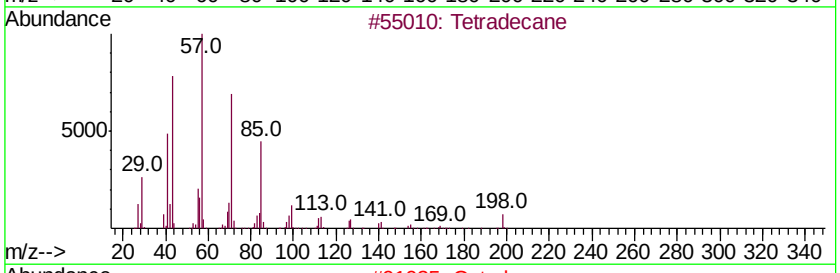
****

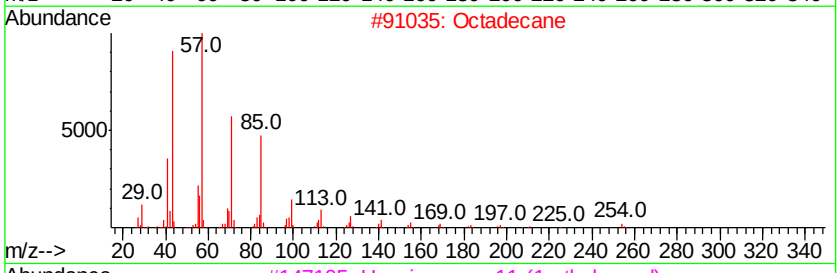
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 59

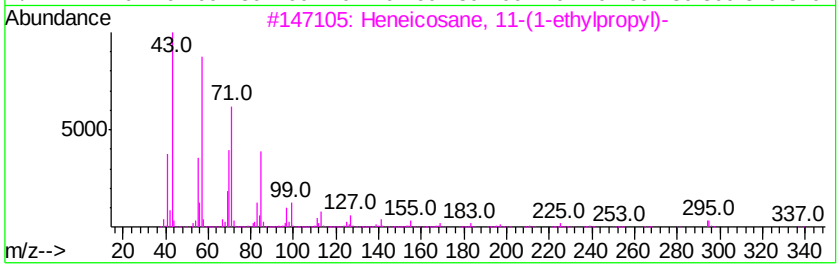
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	3.11 ng/ul	416572	Phenanthrene-d10	16.99

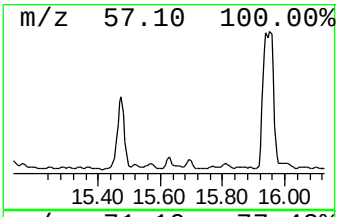
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Octadecane	254	C18H38	000593-45-3	90
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
4	10-Methylnonadecane	282	C20H42	056862-62-5	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86

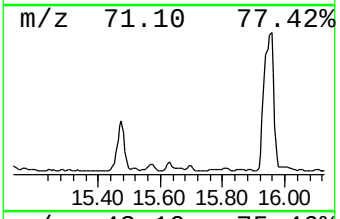


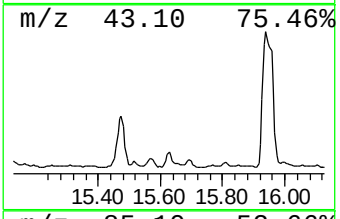


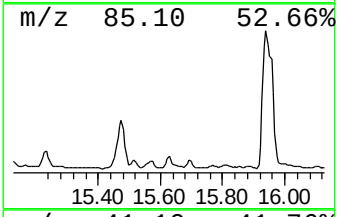


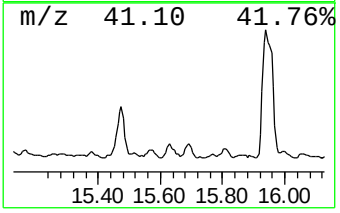












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

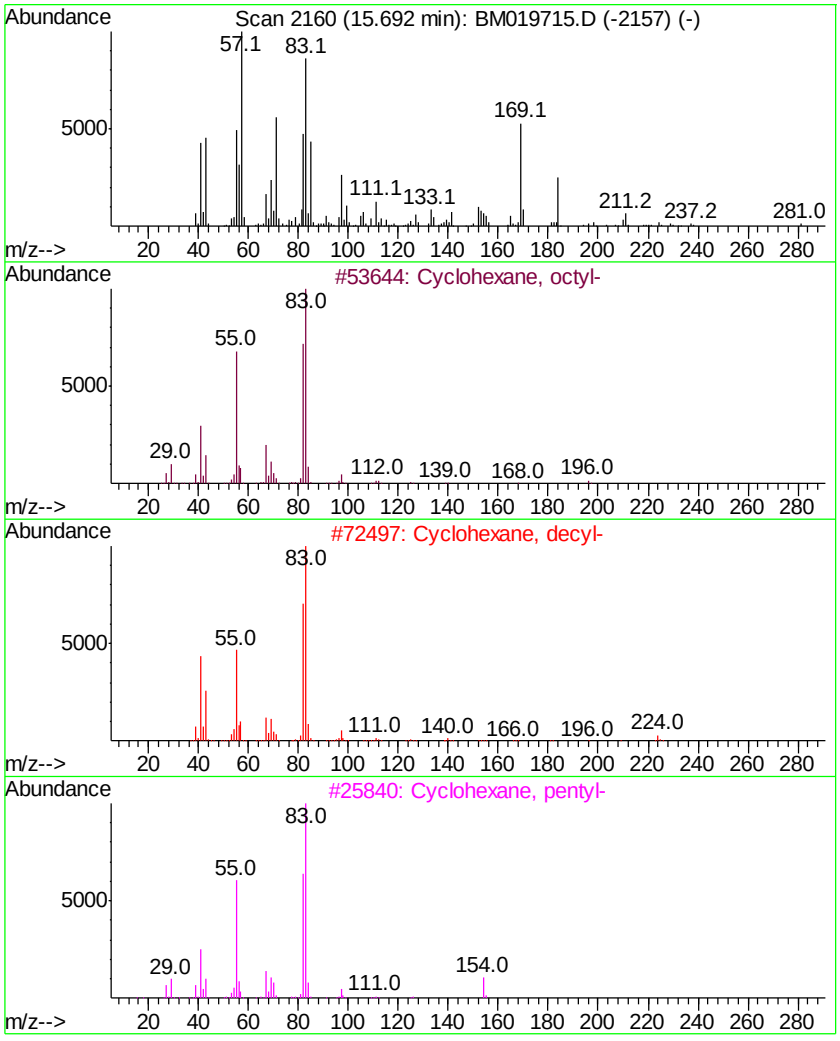
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

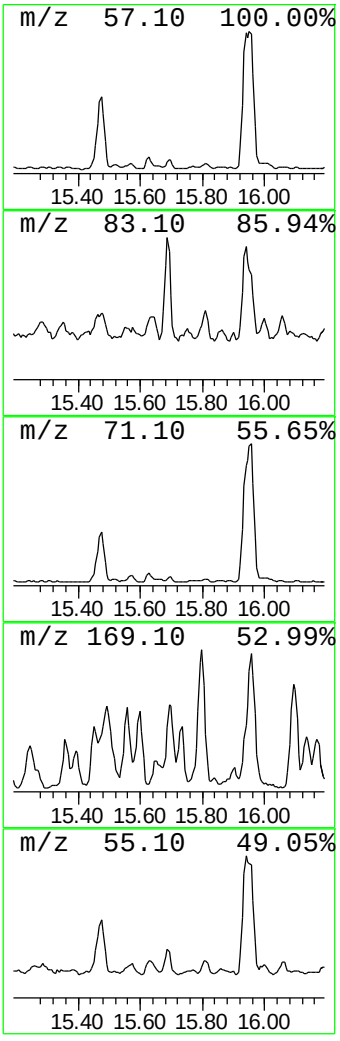
****

Peak Number 44 (DEL) Alkane: Cyclic15.69 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	3.06 ng/ul	410221	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	42
2	Cyclohexane, decyl-	224	C16H32	001795-16-0	30
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	30
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	30
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

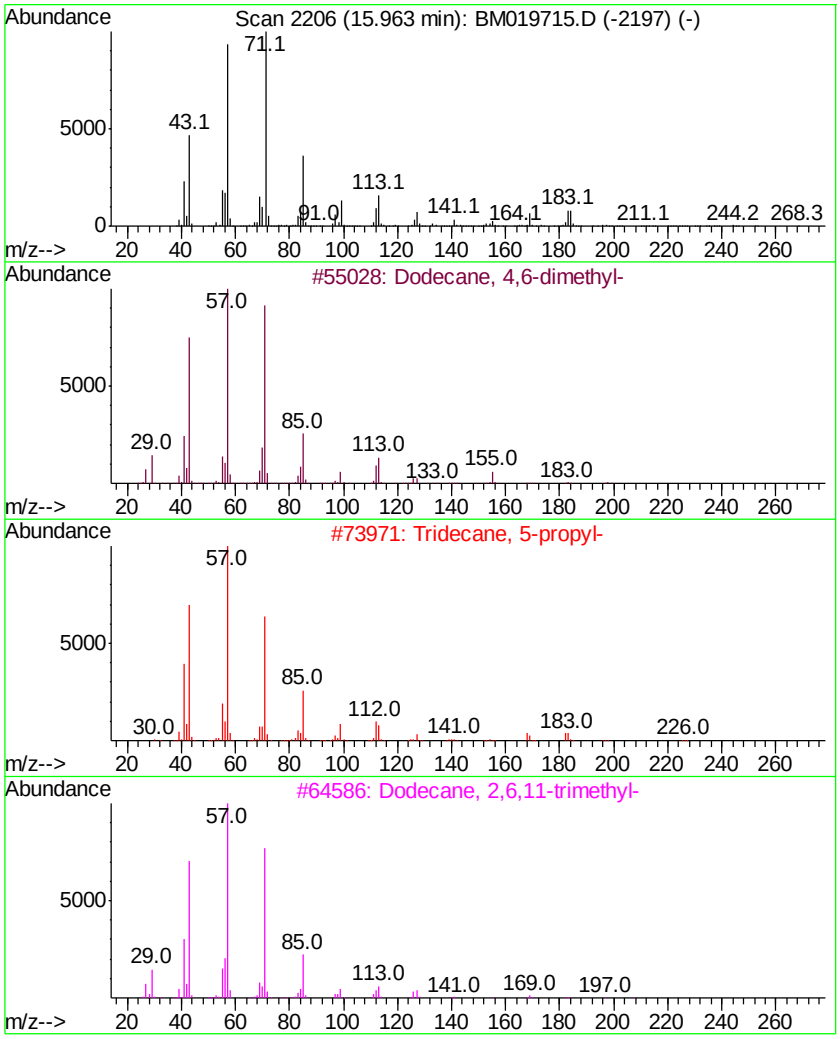
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

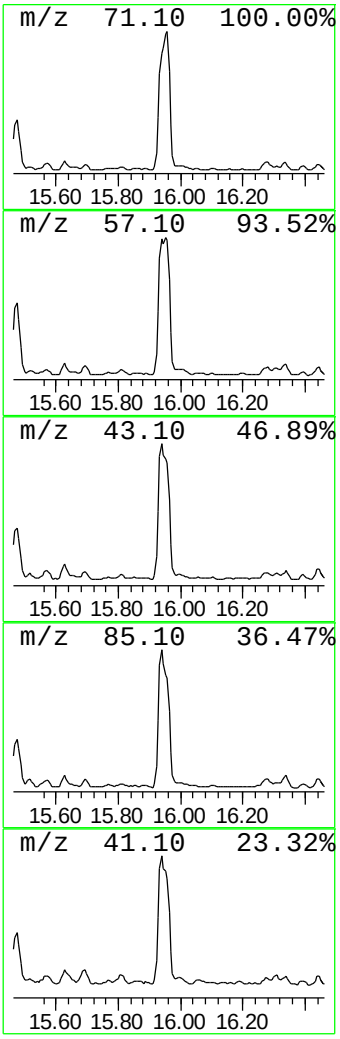
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	55.38 ng/ul	7423740	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	86
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

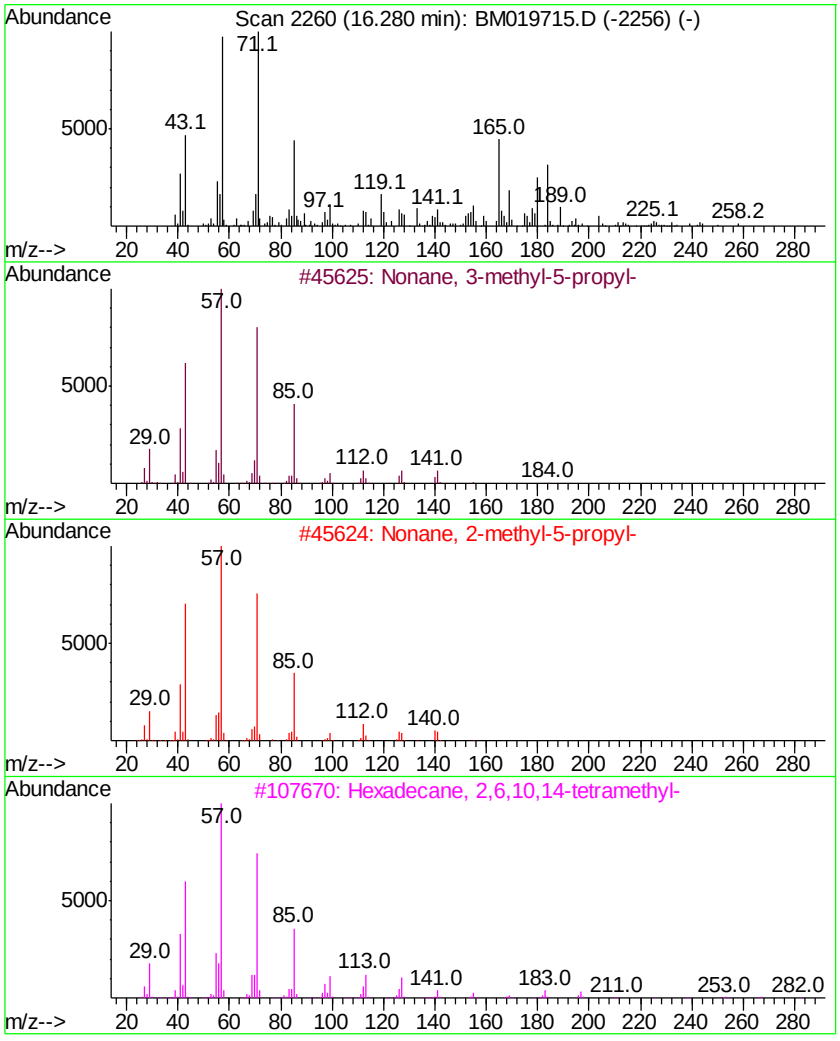
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

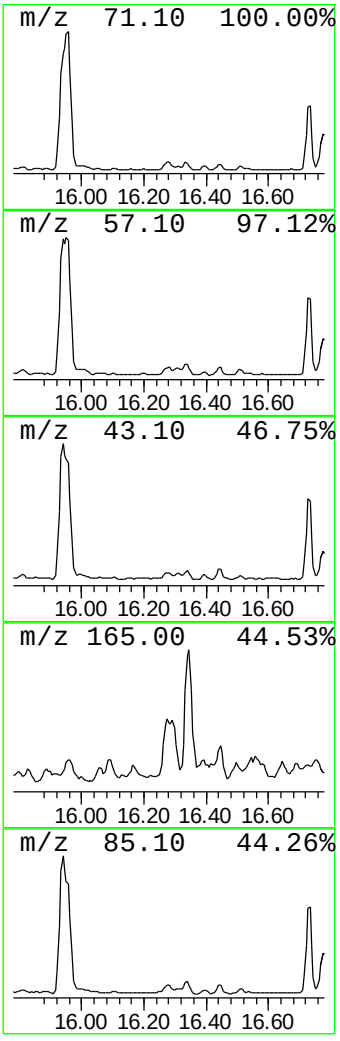
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	2.67 ng/ul	358274	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	38
2	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	38
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	35
4	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	25
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

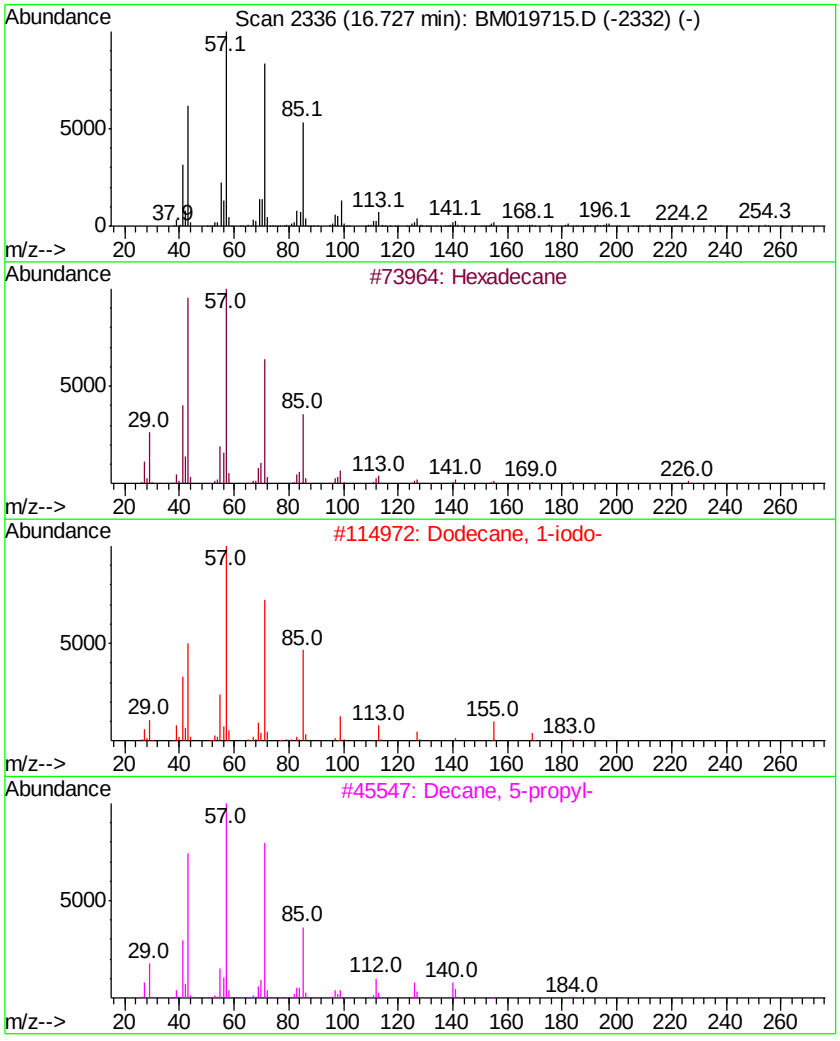
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

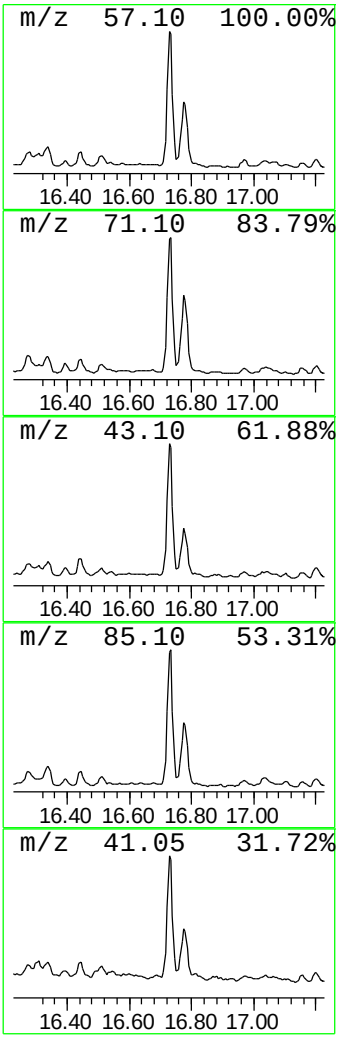
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	15.95 ng/ul	2137650	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3	Decane, 5-propyl-	184	C13H28	017312-62-8	83
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	81
5	Dodecane	170	C12H26	000112-40-3	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

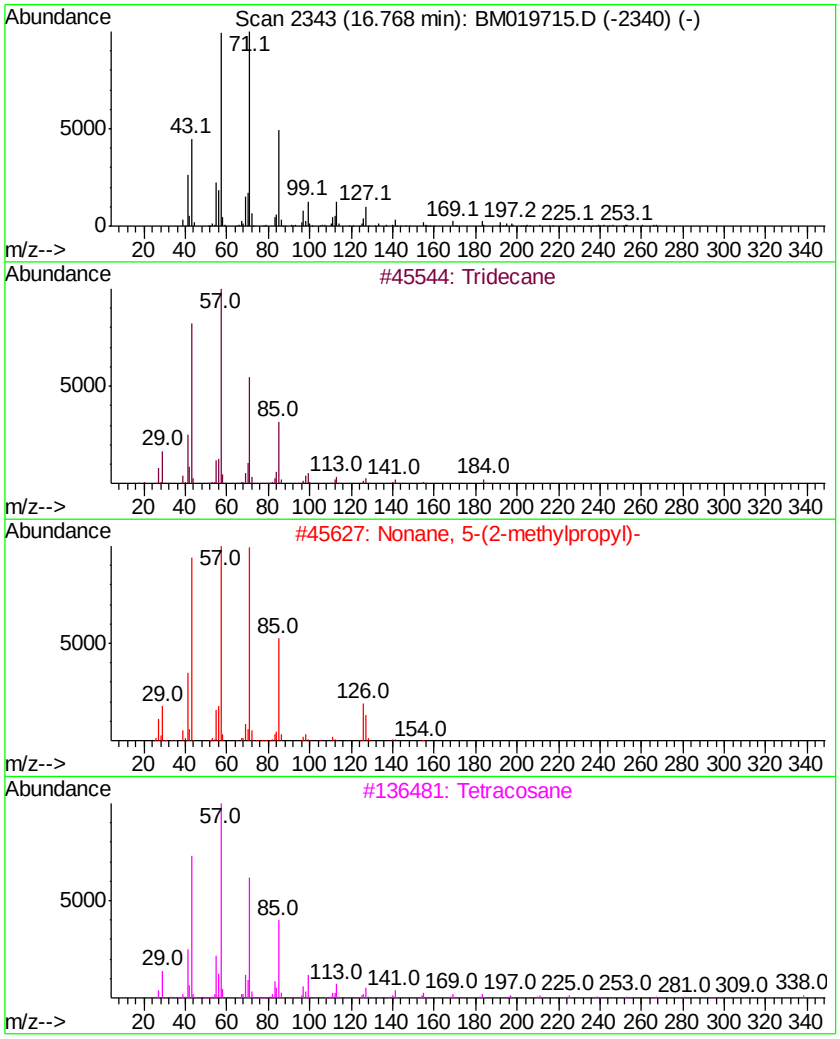
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

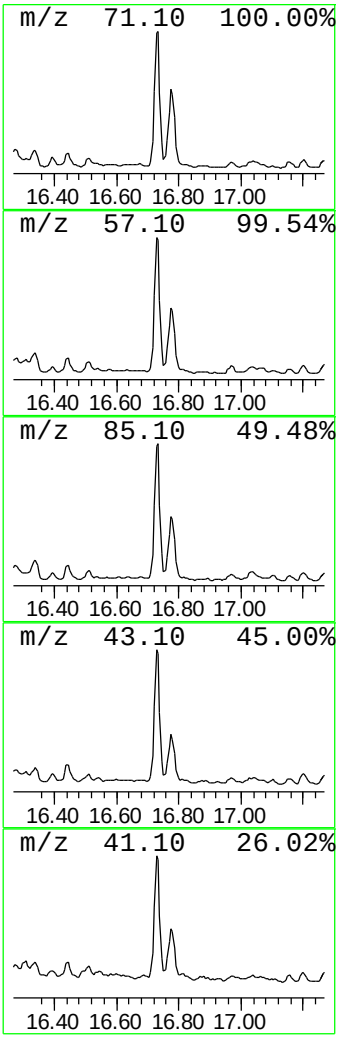
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	8.26 ng/ul	1106910	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64
3	Tetracosane	338	C24H50	000646-31-1	64
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

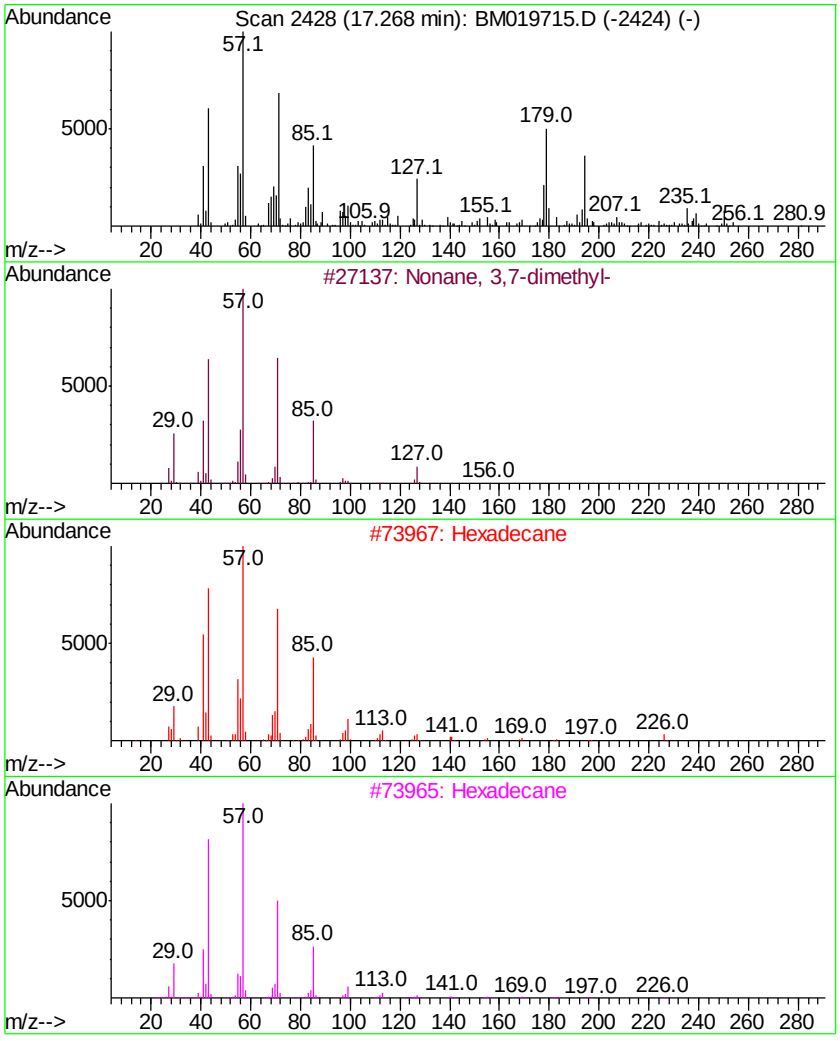
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

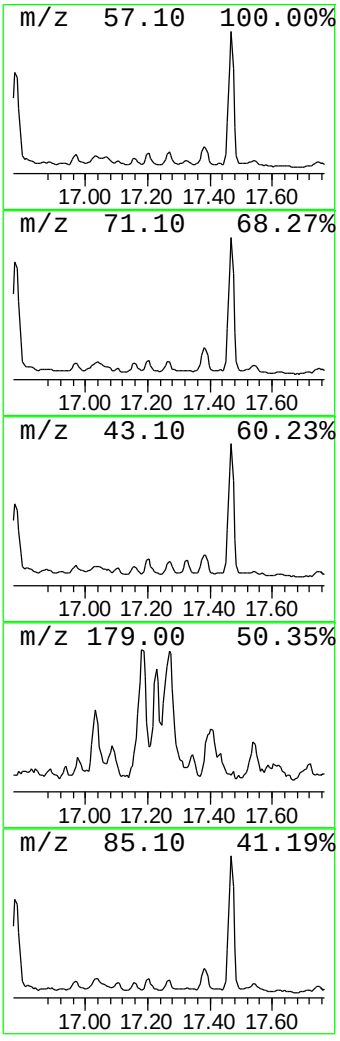
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	2.65 ng/ul	355258	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	46
2	Hexadecane	226	C16H34	000544-76-3	42
3	Hexadecane	226	C16H34	000544-76-3	42
4	Octadecane	254	C18H38	000593-45-3	38
5	Octadecane	254	C18H38	000593-45-3	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

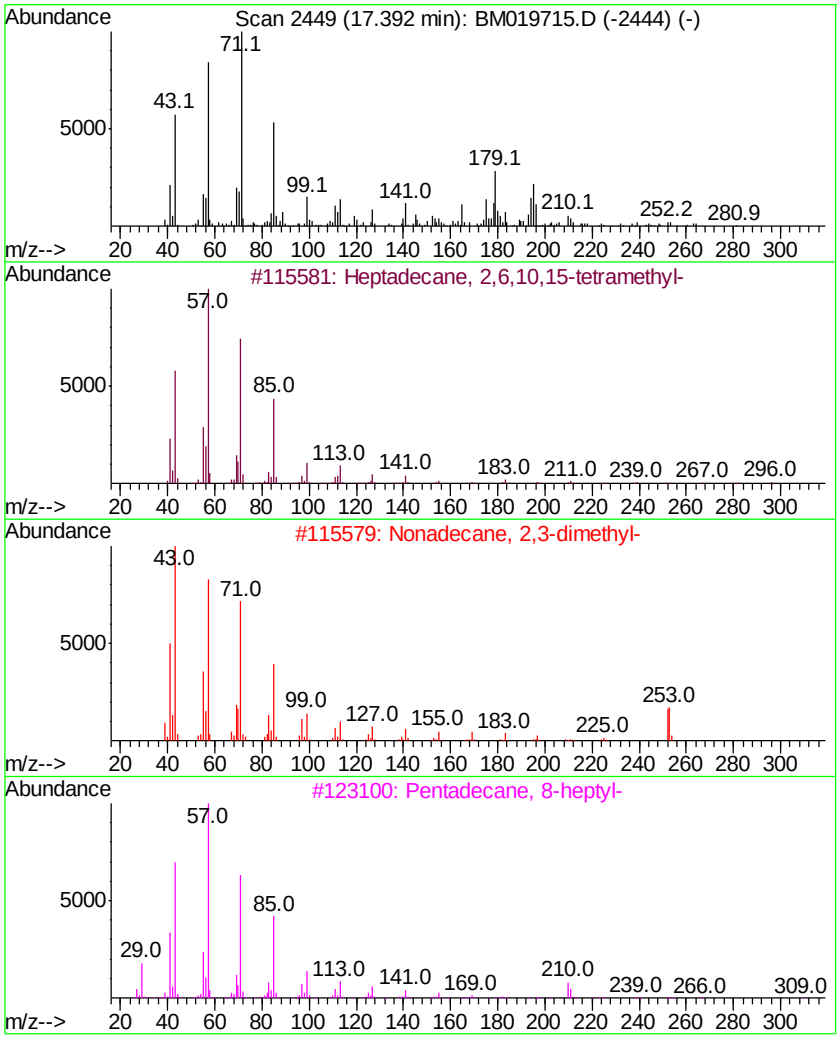
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

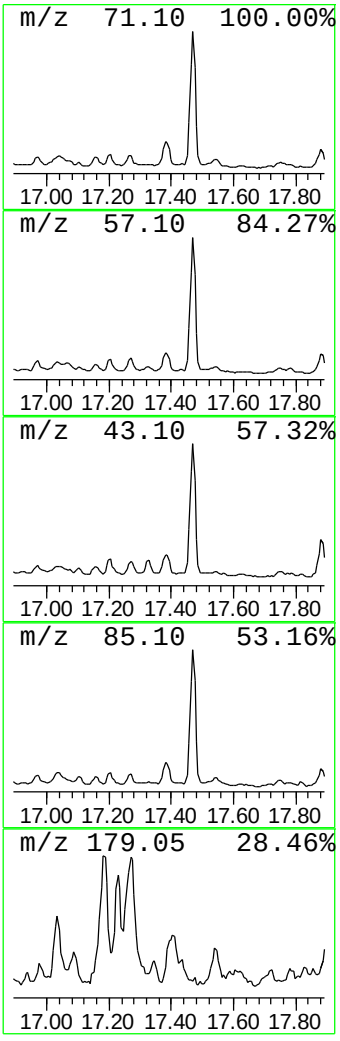
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	2.63 ng/ul	352696	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
2	Nonadecane, 2,3-dimethyl-	296	C21H44	075163-99-4	64
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	64
4	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	62
5	Eicosane	282	C20H42	000112-95-8	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

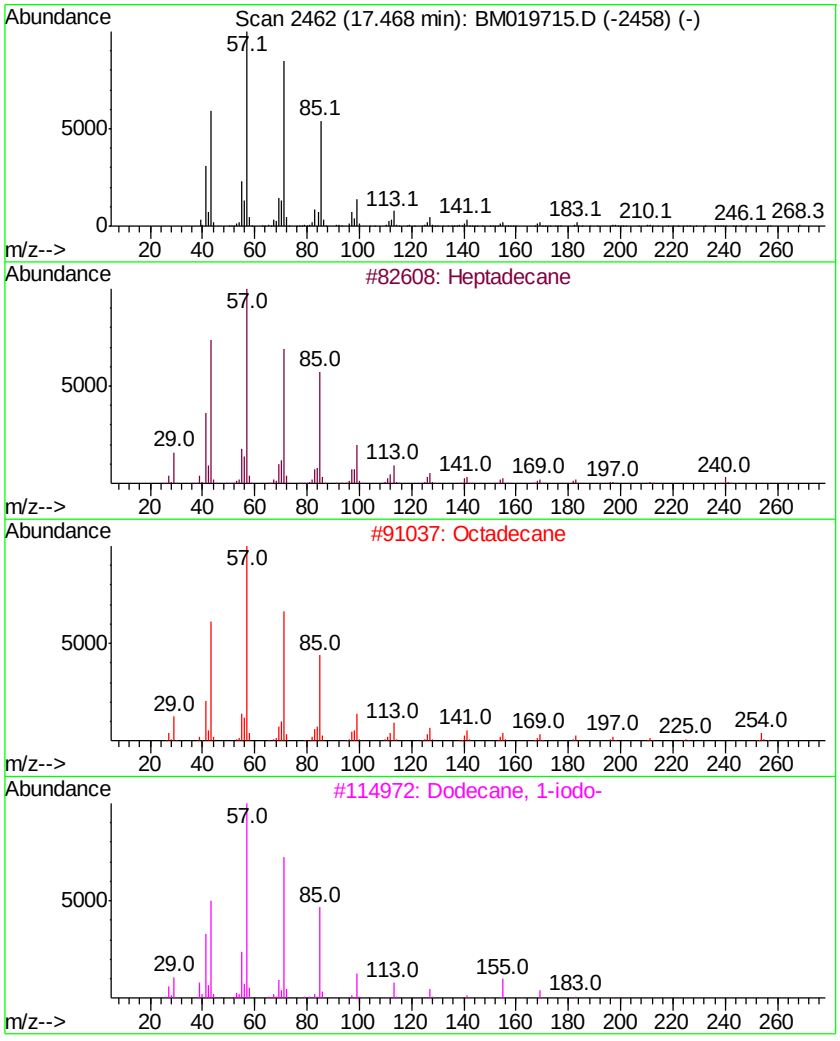
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

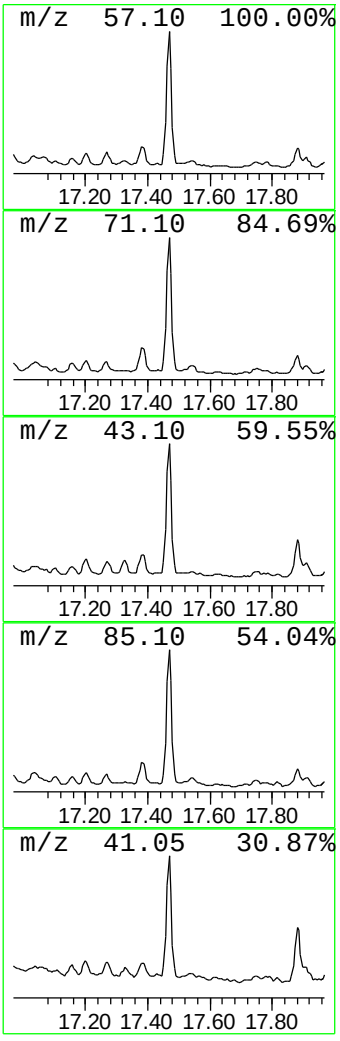
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	11.08 ng/ul	1485280	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Octadecane	254	C18H38	000593-45-3	90
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Tetradecane	198	C14H30	000629-59-4	83
5	Heptacosane	380	C27H56	000593-49-7	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

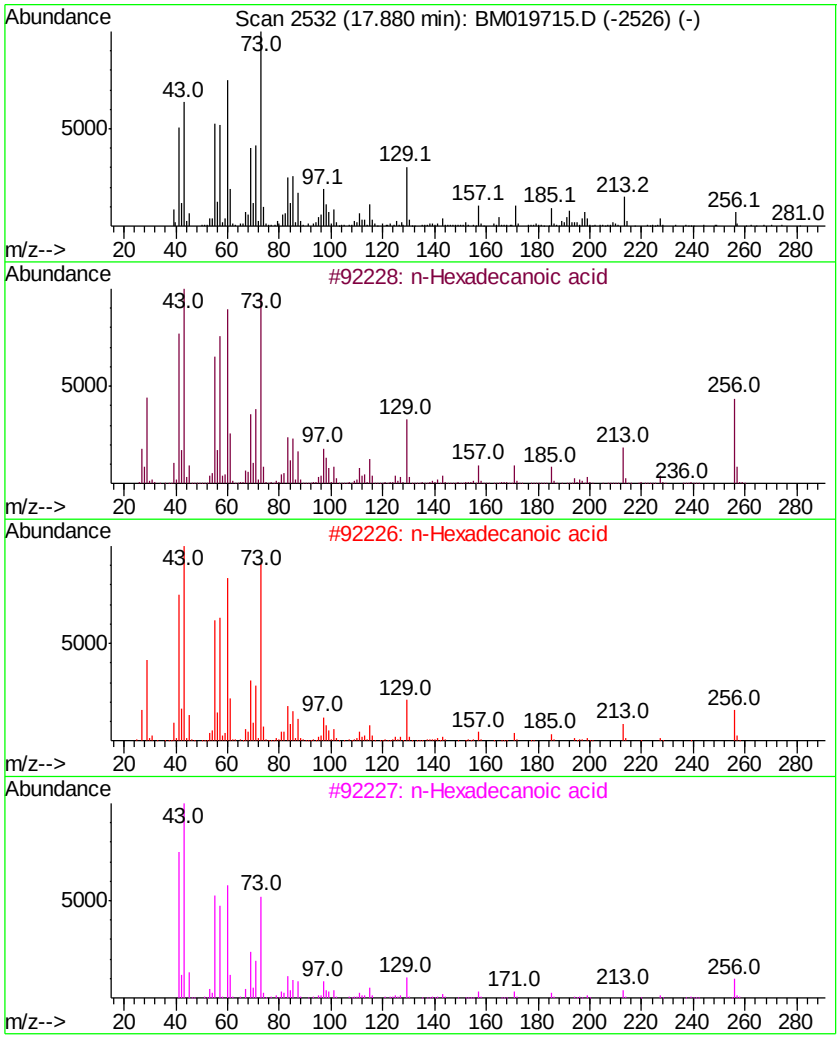
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

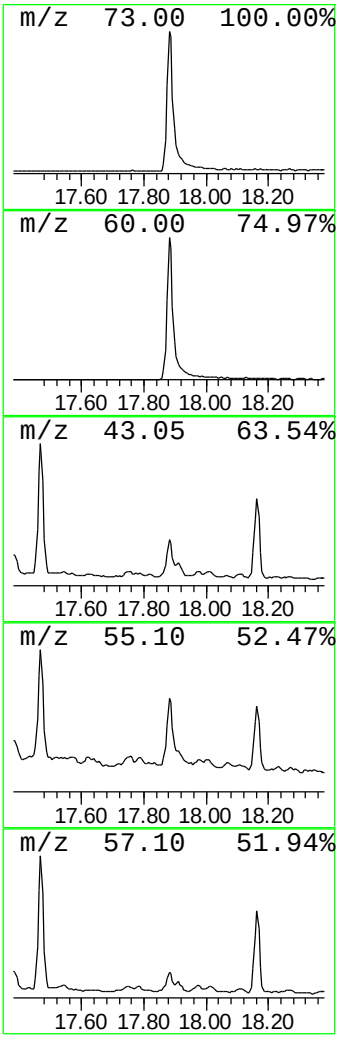
****

Peak Number 54 n-Hexadecanoic acid Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	8.03 ng/ul	1076290	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

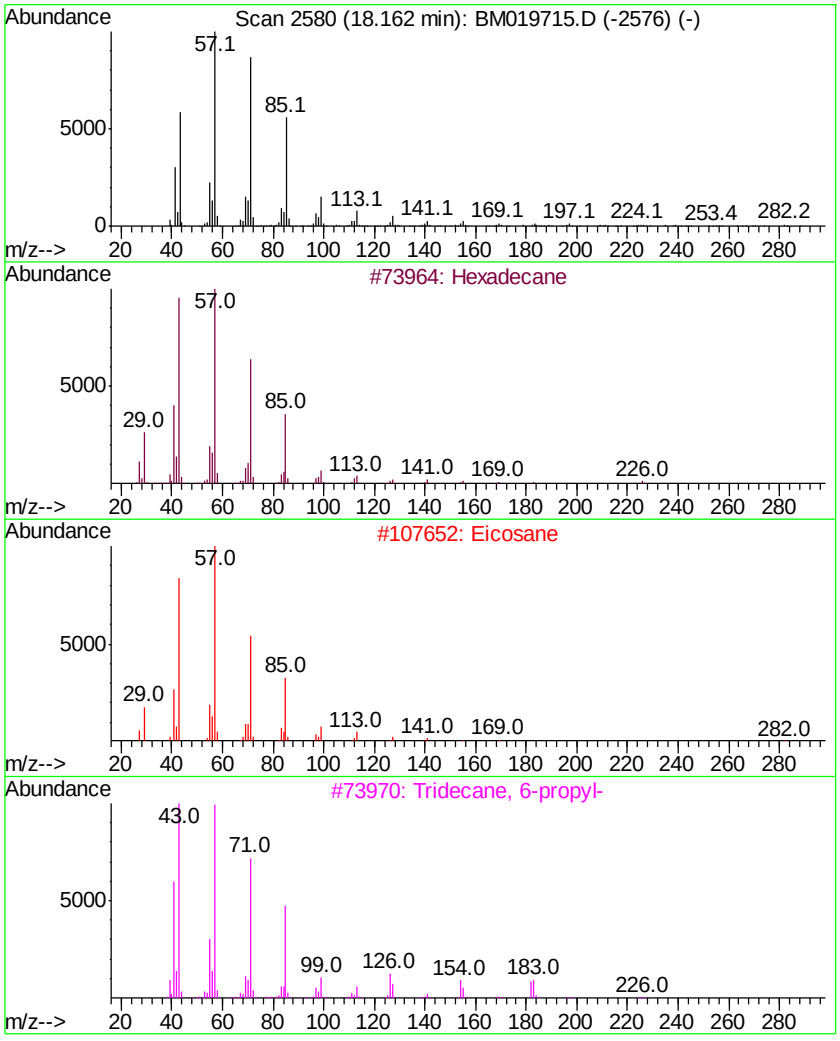
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

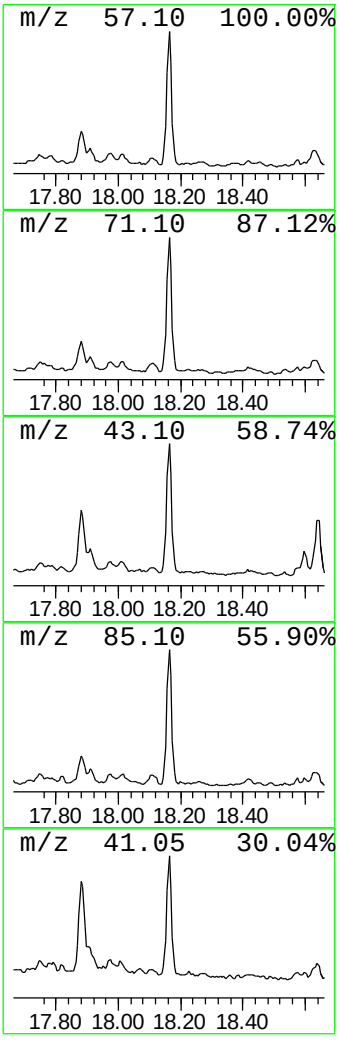
****

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	6.69 ng/ul	896556	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Eicosane	282	C20H42	000112-95-8	91
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
5	Heptacosane	380	C27H56	000593-49-7	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

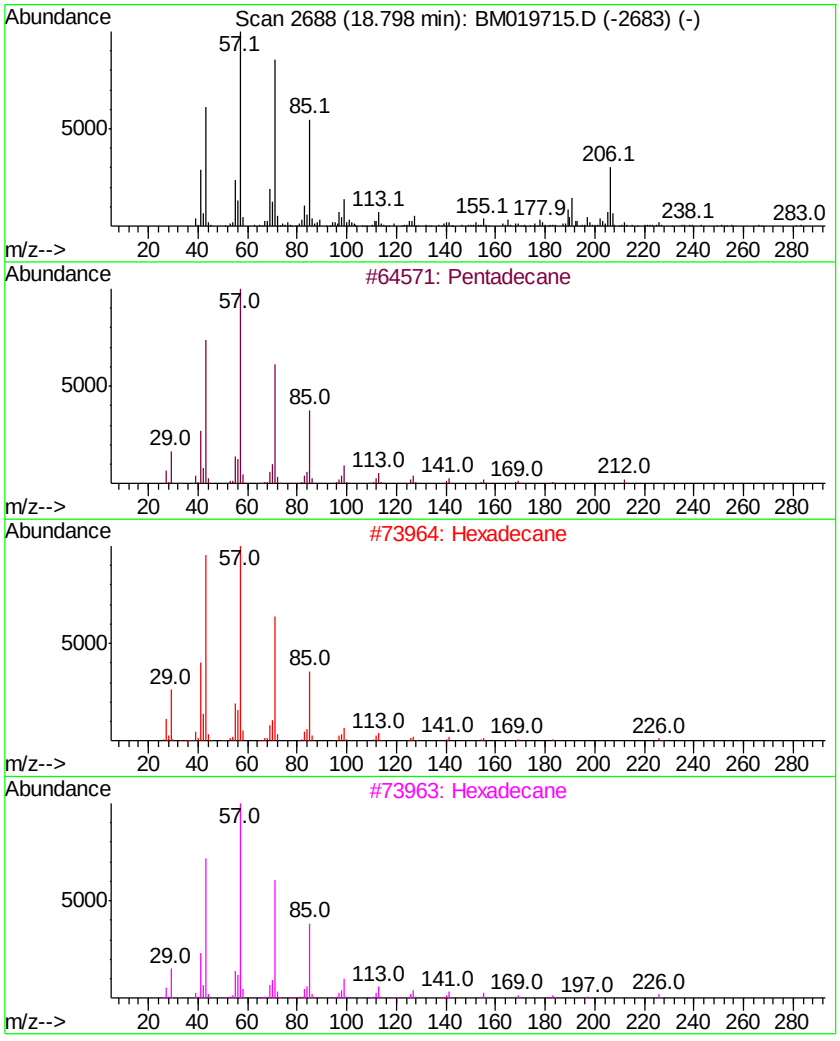
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

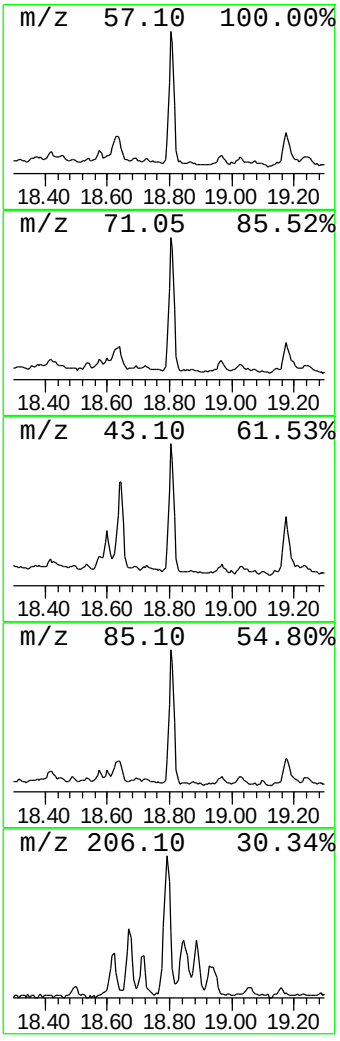
****

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	5.44 ng/ul	728971	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Hexadecane	226	C16H34	000544-76-3	95
3	Hexadecane	226	C16H34	000544-76-3	83
4	Nonadecane	268	C19H40	000629-92-5	83
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

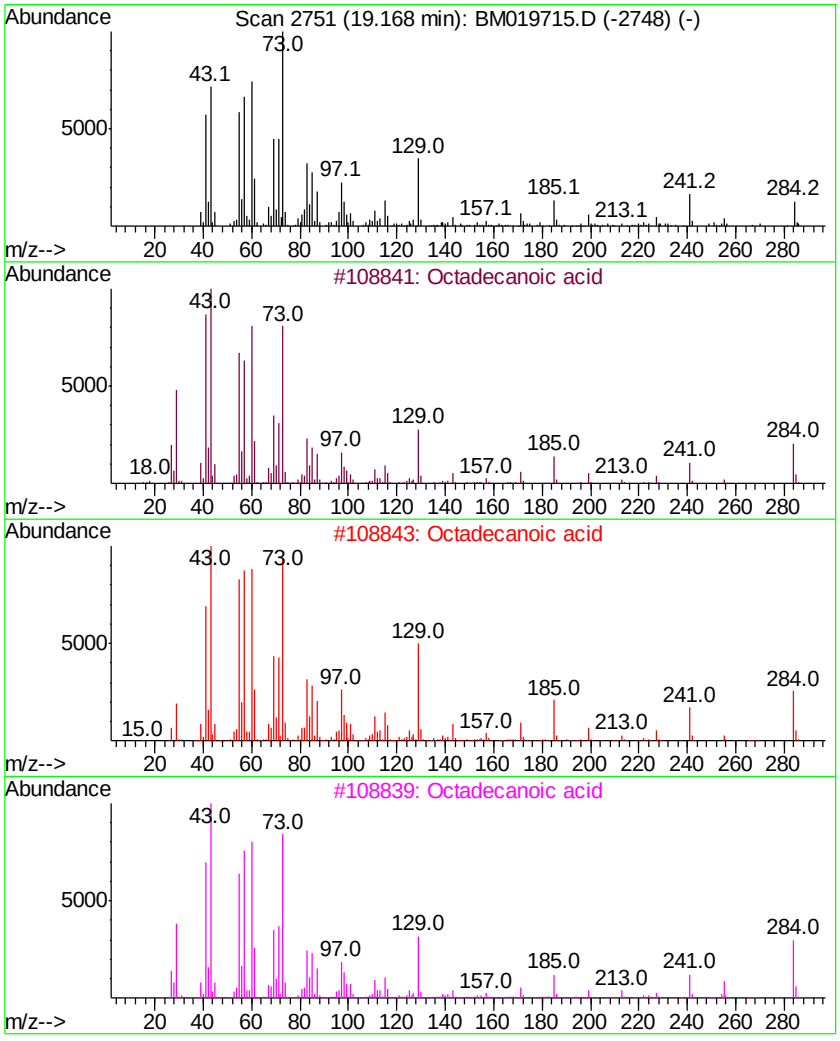
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

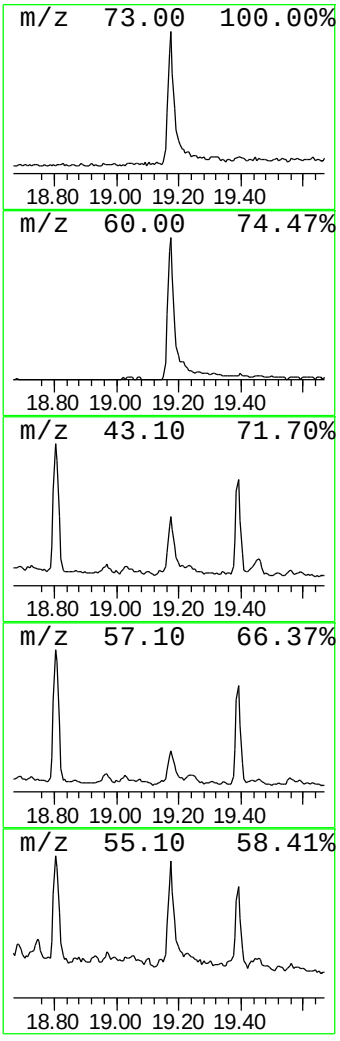
****

Peak Number 57 Octadecanoic acid Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	3.36 ng/ul	536441	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	74
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

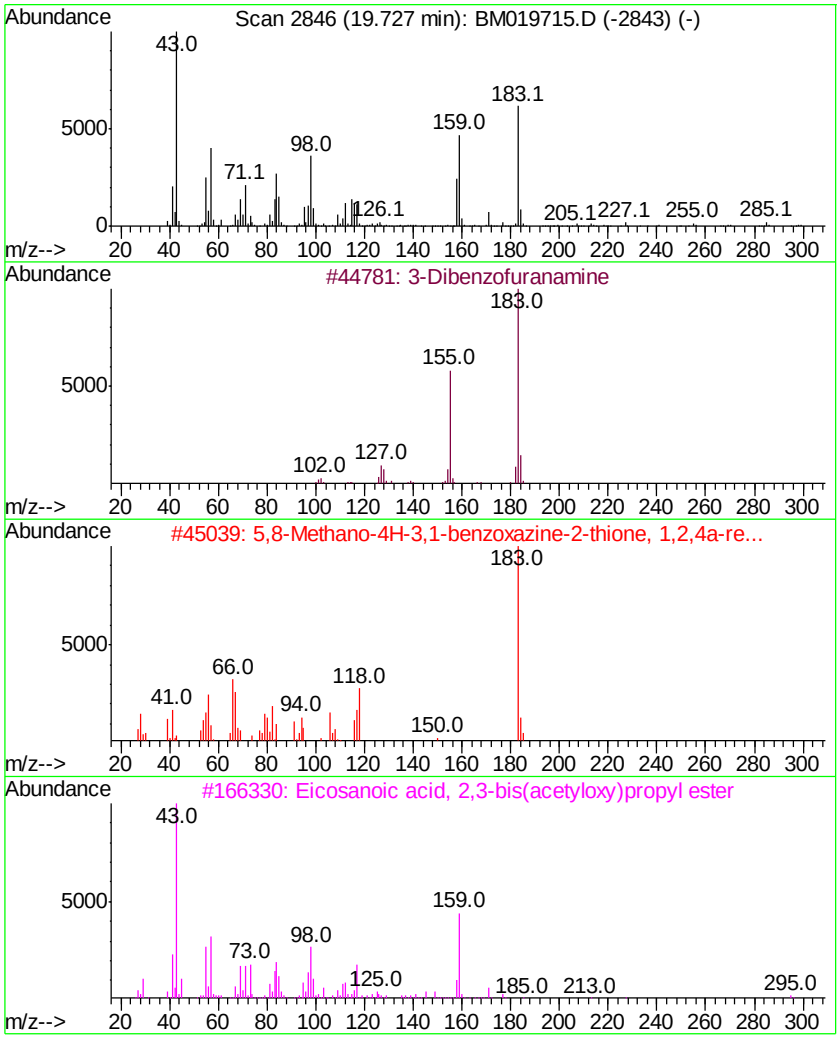
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

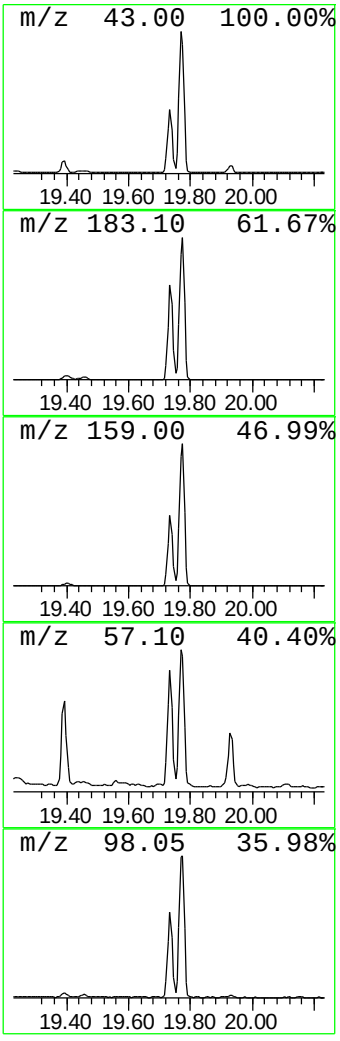
****

Peak Number 58 unknown-04 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	10.61 ng/ul	1695590	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Dibenzofuranamine	183	C12H9NO	004106-66-5	38
2	5,8-Methano-4H-3,1-benzoxazine-2...	183	C9H13NOS	1000142-76-7	27
3	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	25
4	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	22
5	4-Methyl-5-trifluoromethyl-4H-1,...	183	C4H4F3N3S	030682-81-6	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

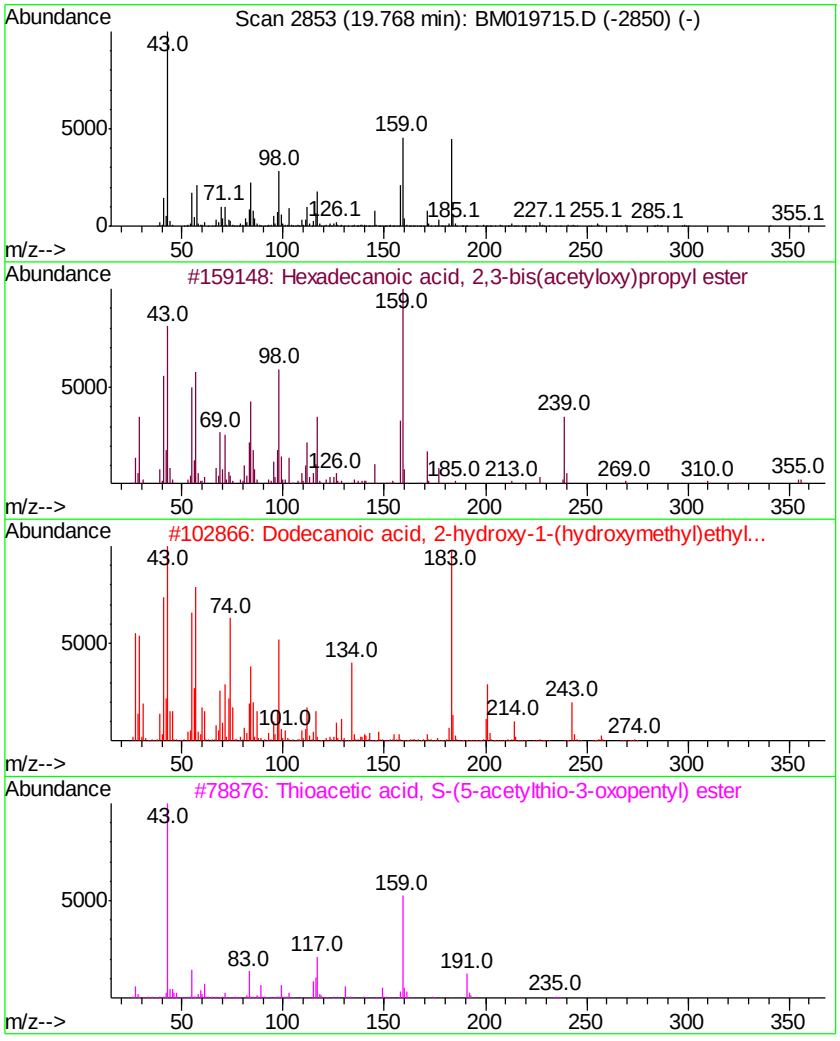
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

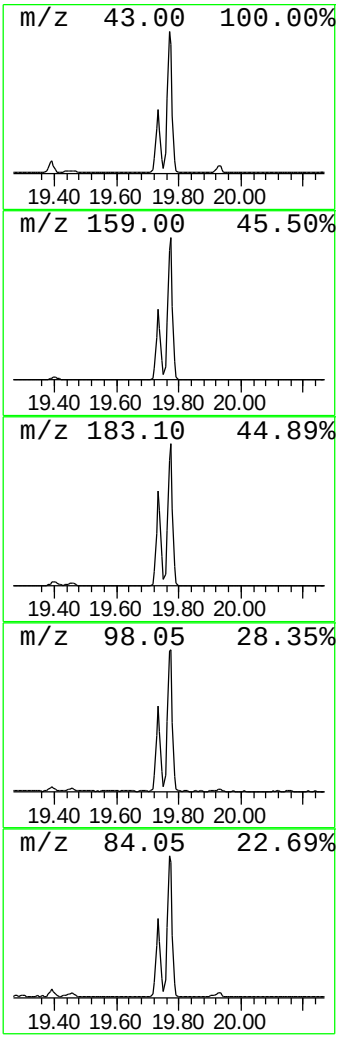
****

Peak Number 59 unknown-05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	20.37 ng/ul	3256780	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	38
2	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	35
3	Thioacetic acid, S-(5-acetylthio...	234	C9H14O3S2	1000185-15-4	18
4	2,3,4-Trifluorobenzoic acid, 4-m...	260	C13H15F3O2	1000282-29-8	14
5	Lauric anhydride	382	C24H46O3	000645-66-9	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

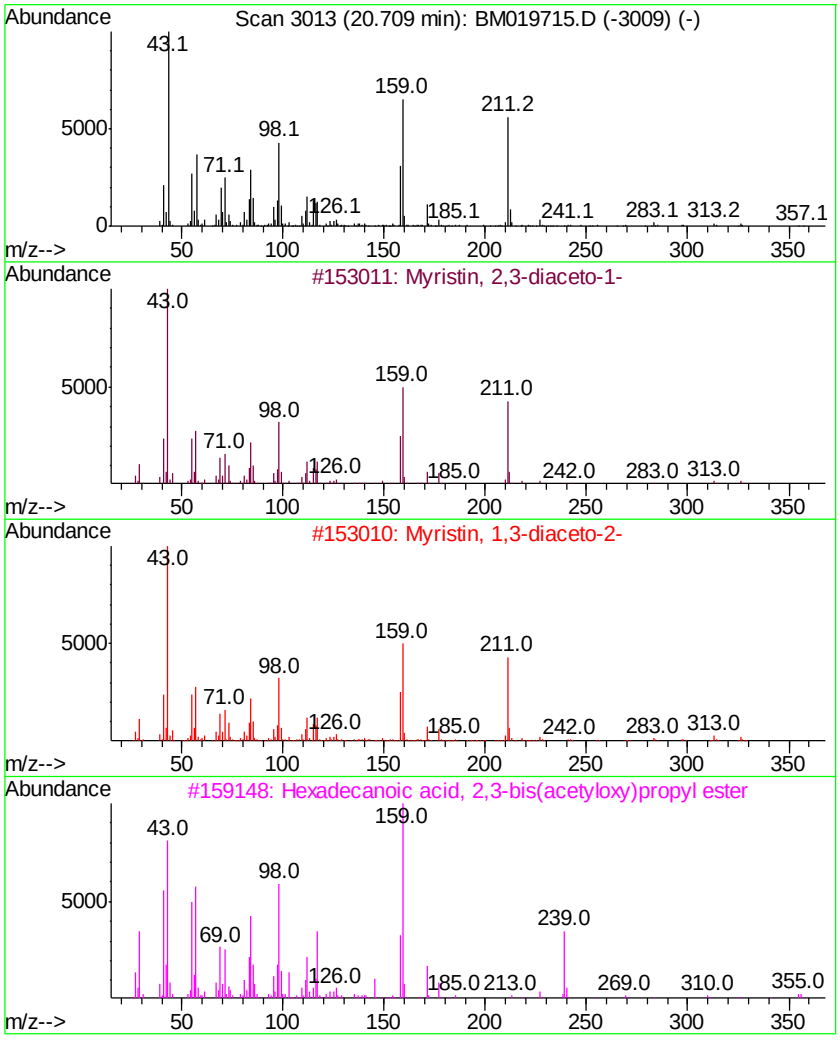
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

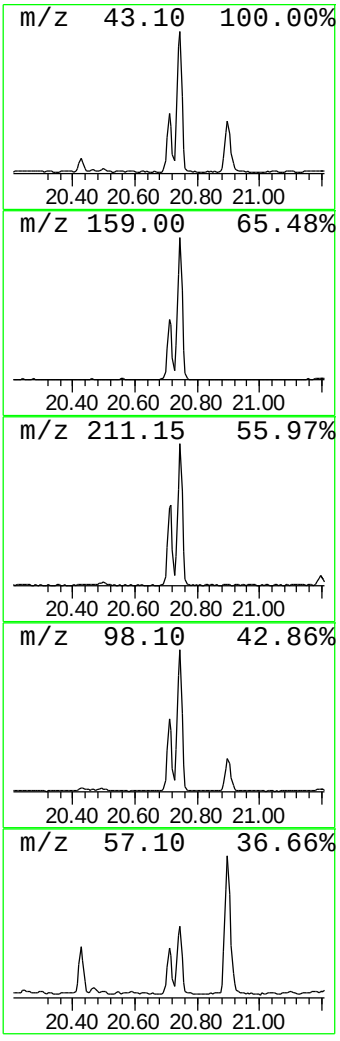
****

Peak Number 60 Myristin, 2,3-diaceto-1- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.71	5.07 ng/ul	809892	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	91
2	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	91
3	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	70
4	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	38
5	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

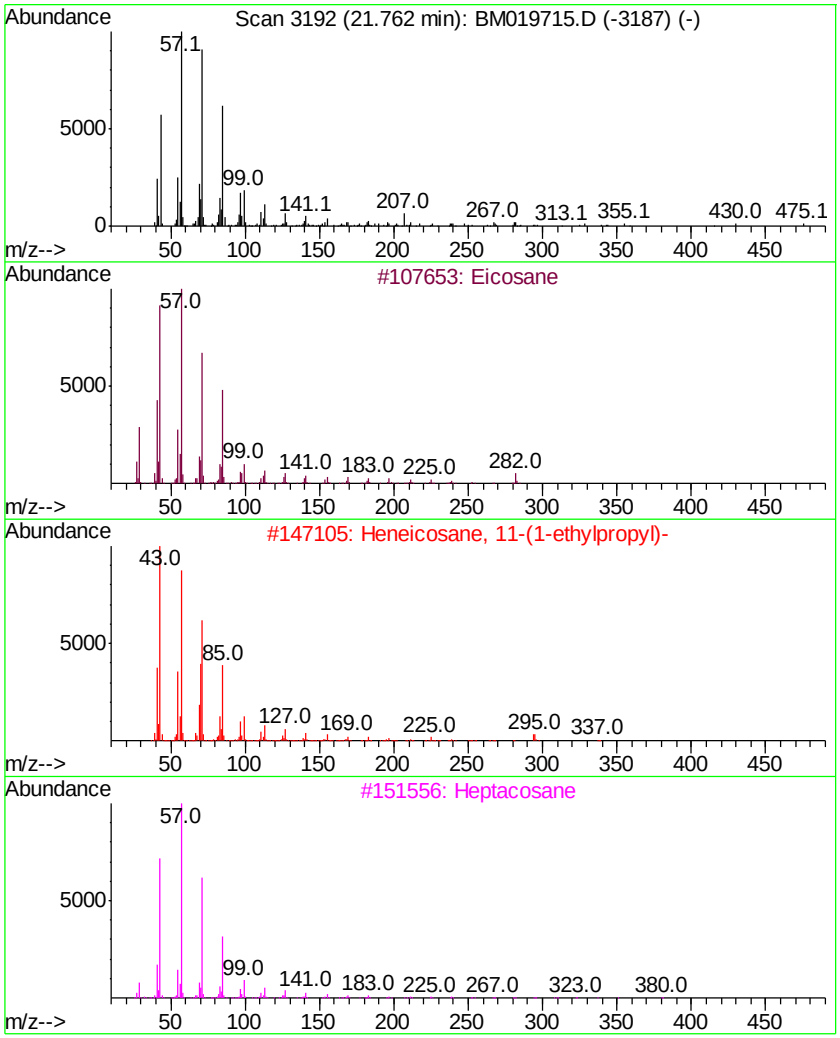
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

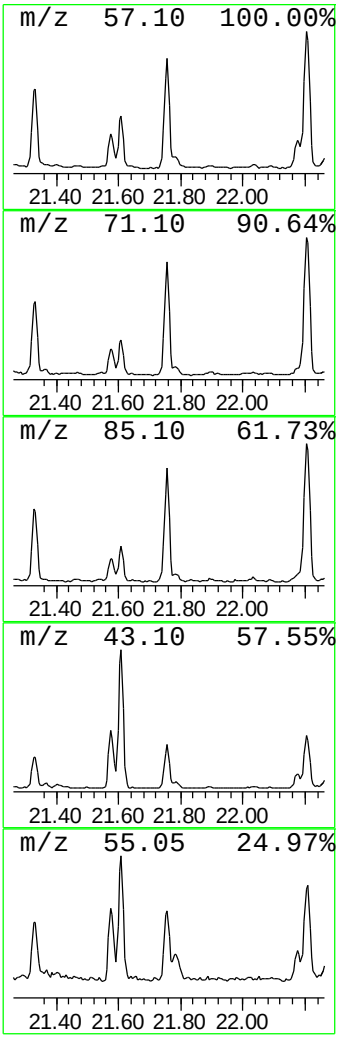
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	2.42 ng/ul	387104	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
3	Heptacosane	380	C27H56	000593-49-7	87
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	83
5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

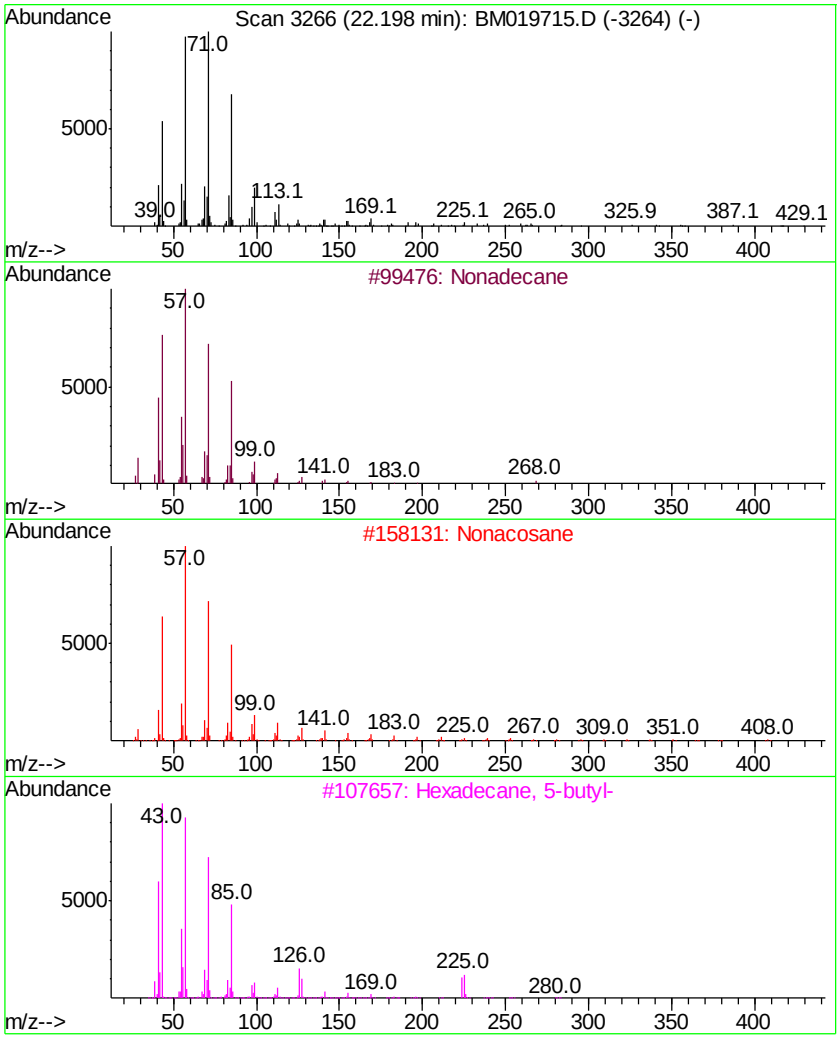
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

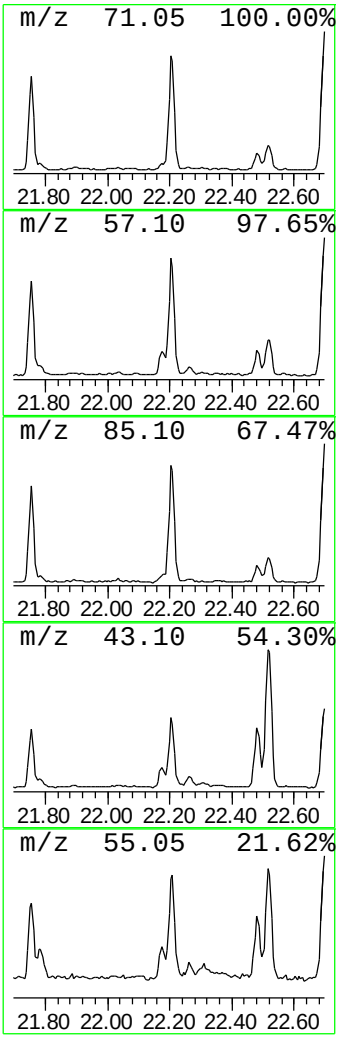
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	3.37 ng/ul	538063	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Nonacosane	408	C29H60	000630-03-5	90
3	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

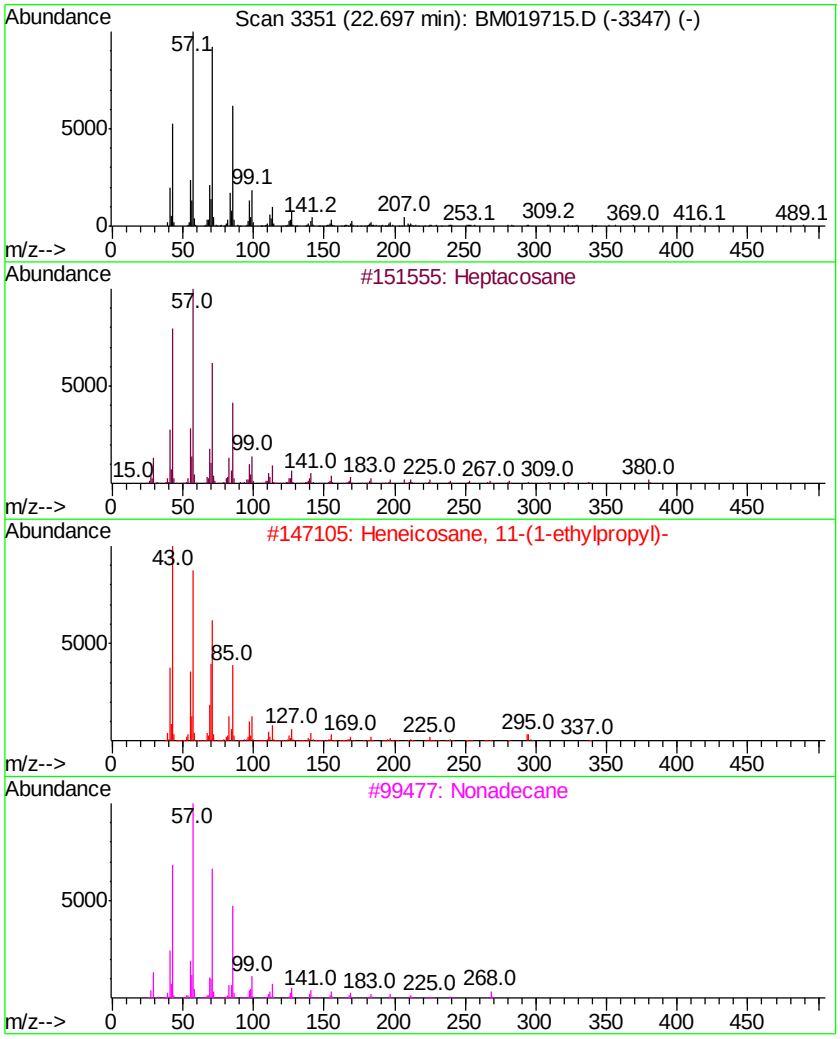
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

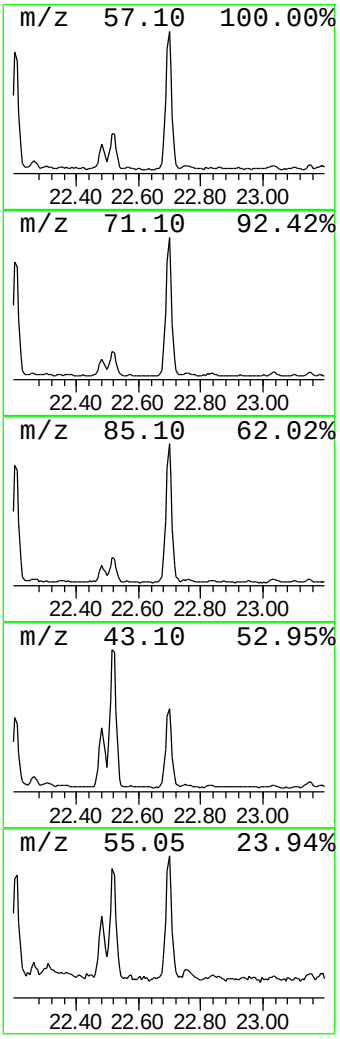
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	4.61 ng/ul	701970	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
3	Nonadecane	268	C19H40	000629-92-5	86
4	Docosane, 5-butyl-	366	C26H54	055282-16-1	86
5	Octadecane	254	C18H38	000593-45-3	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

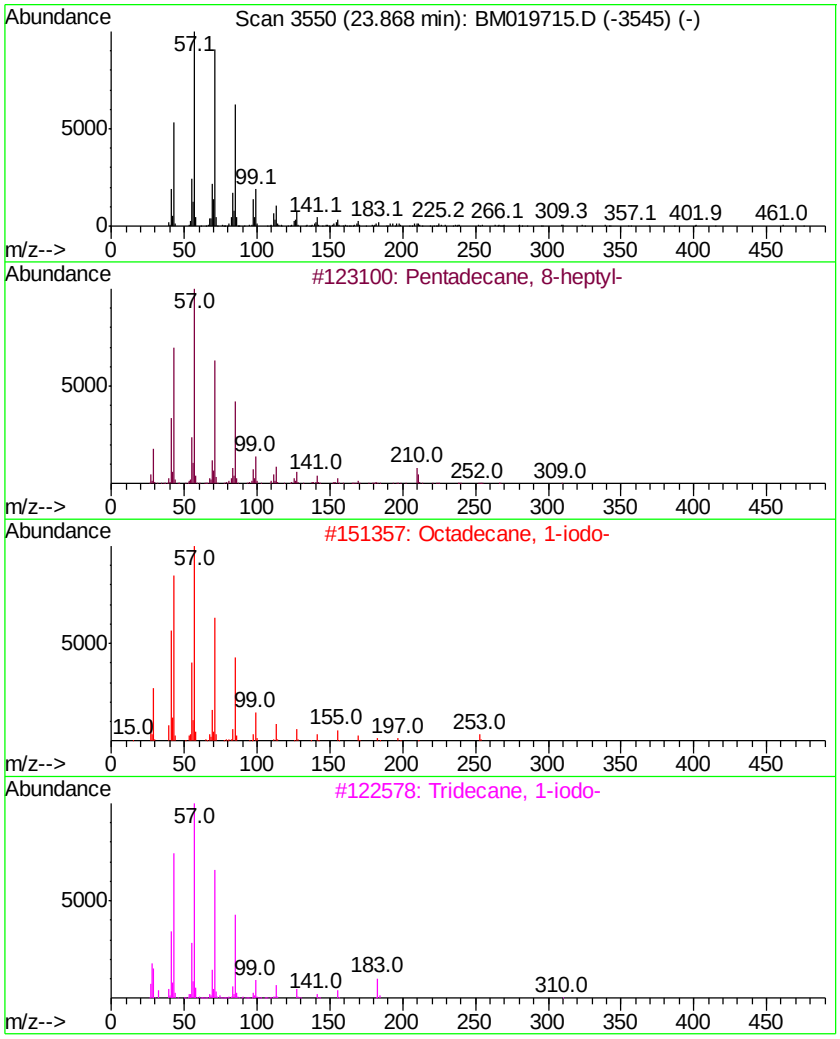
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

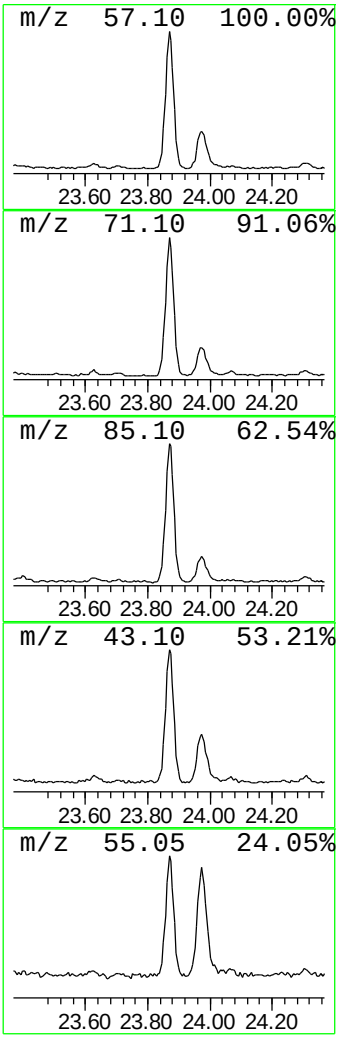
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	4.81 ng/ul	733067	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
5	Dodecane	170	C12H26	000112-40-3	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

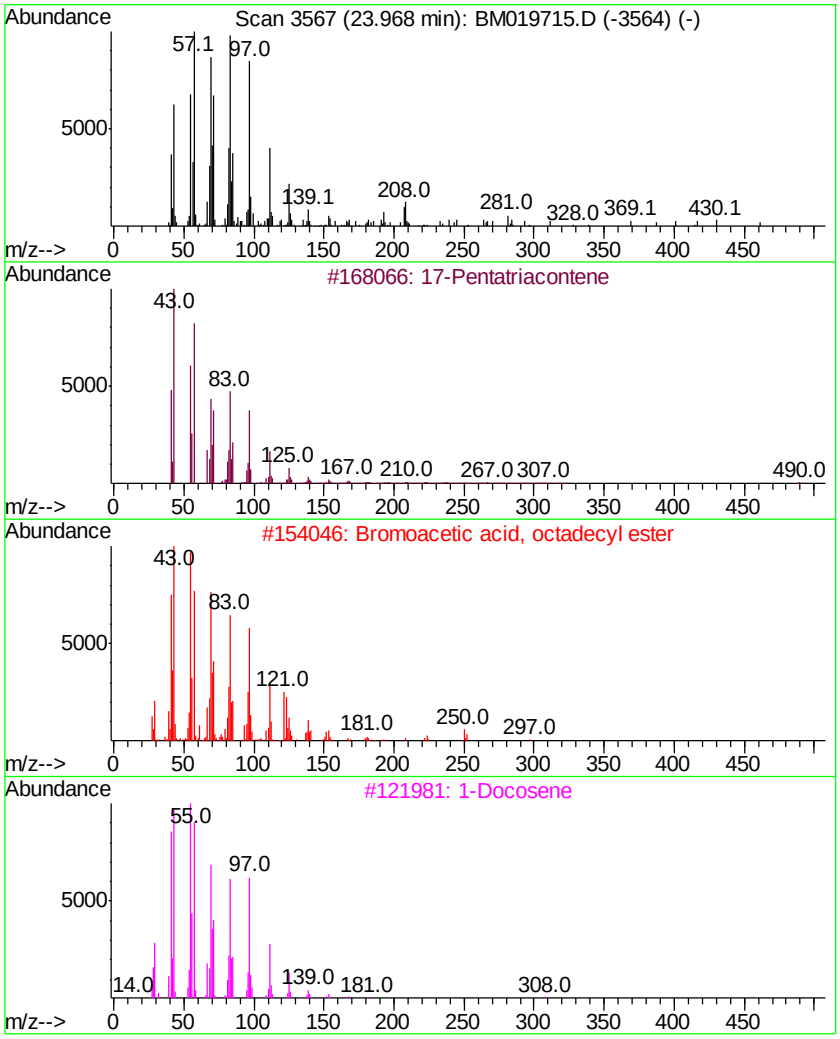
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

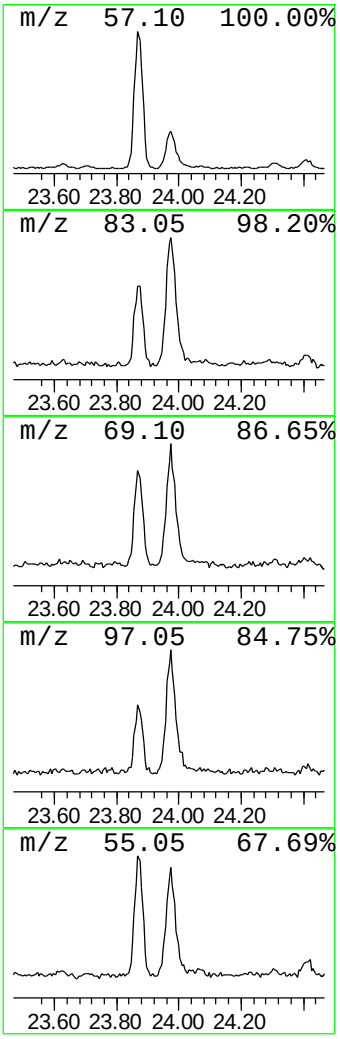
****

Peak Number 71 (DEL) Alkane: Cyclic23.97 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	2.94 ng/ul	447346	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3	1-Docosene	308	C22H44	001599-67-3	86
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	83
5	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

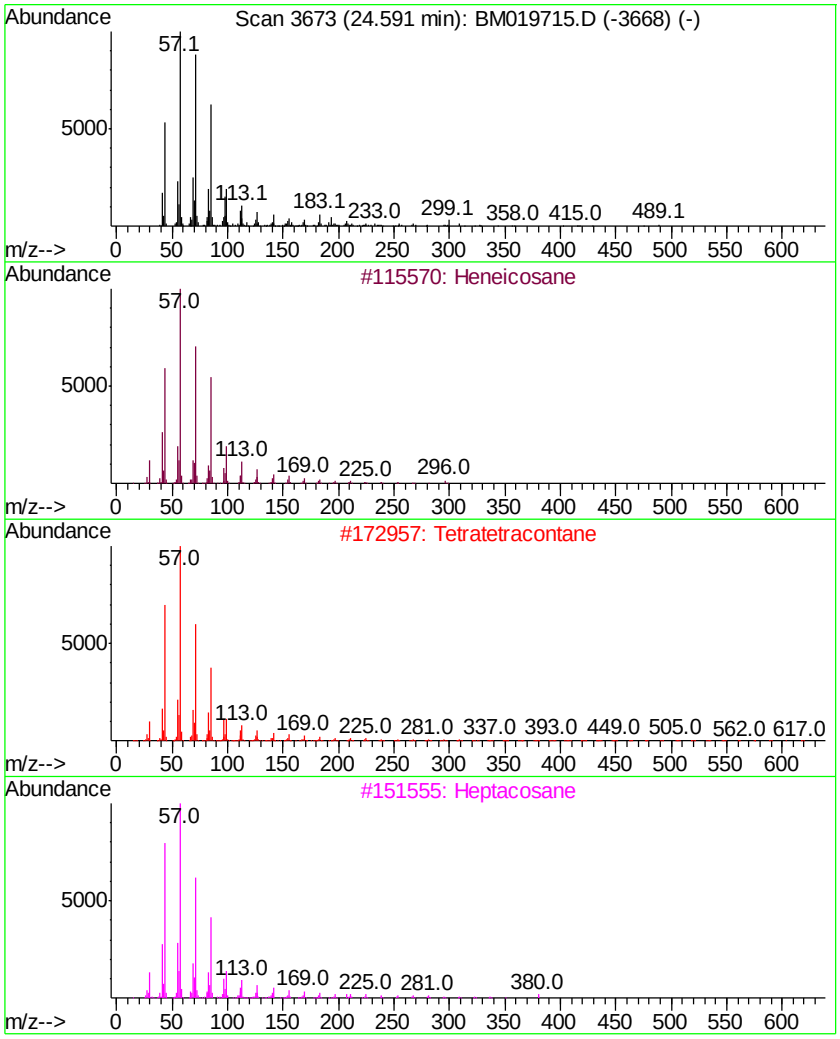
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

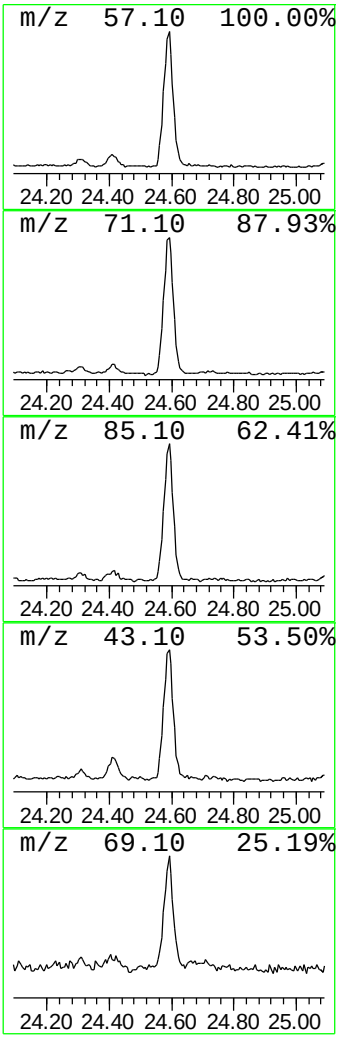
****

Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.59	3.74 ng/ul	570469	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Tetratetracontane	619	C44H90	007098-22-8	83
3	Heptacosane	380	C27H56	000593-49-7	83
4	Octacosane	394	C28H58	000630-02-4	83
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019715.D
Acq On : 03 Apr 2019 05:41
Operator : JU/SJ
Sample : K2168-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF638

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	5.58	8.1	ng/ul	419571	1	7.57	1032860	20.0
(DEL) Alkane: Str...	7.16	12.2	ng/ul	628030	1	7.57	1032860	20.0
(DEL) Alkane: Str...	7.50	6.6	ng/ul	339015	1	7.57	1032860	20.0
3a,6-Methano-3aH-...	8.19	9.8	ng/ul	507717	1	7.57	1032860	20.0
Benzene, 1-methyl...	8.65	10.6	ng/ul	546754	1	7.57	1032860	20.0
Benzene, 1-ethyl-...	8.98	6.3	ng/ul	348786	2	10.35	1113660	20.0
Benzene, 1-ethyl-...	9.16	6.4	ng/ul	357562	2	10.35	1113660	20.0
Benzene, 1-methyl...	9.74	14.3	ng/ul	796024	2	10.35	1113660	20.0
Benzene, 1-ethyl-...	9.92	5.3	ng/ul	296811	2	10.35	1113660	20.0
Benzene, 1-methyl...	10.03	5.1	ng/ul	283508	2	10.35	1113660	20.0
(DEL) Alkane: Str...	10.29	37.7	ng/ul	2100840	2	10.35	1113660	20.0
(DEL) Alkane: Cyc...	10.80	6.3	ng/ul	349946	2	10.35	1113660	20.0
(DEL) Alkane: Cyc...	11.02	6.6	ng/ul	367296	2	10.35	1113660	20.0
(DEL) Alkane: Cyc...	11.15	5.0	ng/ul	279268	2	10.35	1113660	20.0
(DEL) Alkane: Str...	11.23	10.4	ng/ul	577041	2	10.35	1113660	20.0
(DEL) Alkane: Str...	11.33	27.9	ng/ul	1554410	2	10.35	1113660	20.0
(DEL) Alkane: Cyc...	11.60	6.3	ng/ul	348574	2	10.35	1113660	20.0
(DEL) Alkane: Str...	11.75	49.2	ng/ul	2739840	2	10.35	1113660	20.0
(DEL) Alkane: Str...	11.97	7.8	ng/ul	432755	2	10.35	1113660	20.0
Naphthalene, 1-me...	12.25	8.6	ng/ul	480429	2	10.35	1113660	20.0
(DEL) Alkane: Str...	12.39	4.6	ng/ul	522198	3	14.23	2274550	20.0
(DEL) Alkane: Cyc...	12.46	4.7	ng/ul	530255	3	14.23	2274550	20.0
(DEL) Alkane: Str...	12.58	2.7	ng/ul	308269	3	14.23	2274550	20.0
Dodecane, 1-iodo-	12.67	2.9	ng/ul	330916	3	14.23	2274550	20.0
(DEL) Alkane: Str...	12.72	14.7	ng/ul	1675200	3	14.23	2274550	20.0
(DEL) Alkane: Str...	13.02	37.2	ng/ul	4233160	3	14.23	2274550	20.0
unknown-01	13.25	6.4	ng/ul	729088	3	14.23	2274550	20.0
Naphthalene, 2,6-...	13.38	5.1	ng/ul	578559	3	14.23	2274550	20.0
Naphthalene, 2,3-...	13.54	12.2	ng/ul	1392560	3	14.23	2274550	20.0
Naphthalene, 1,6-...	13.60	11.0	ng/ul	1248850	3	14.23	2274550	20.0
unknown-02	14.03	6.0	ng/ul	687488	3	14.23	2274550	20.0
(DEL) Alkane: Str...	14.11	38.7	ng/ul	4402870	3	14.23	2274550	20.0
(DEL) Alkane: Str...	14.17	5.1	ng/ul	577910	3	14.23	2274550	20.0
Naphthalene, 1,4,...	14.62	8.1	ng/ul	915618	3	14.23	2274550	20.0
Naphthalene, 1,6,...	14.70	5.4	ng/ul	612146	3	14.23	2274550	20.0
(DEL) Alkane: Str...	14.73	7.9	ng/ul	899171	3	14.23	2274550	20.0
Naphthalene, 2,3,...	14.85	6.3	ng/ul	722645	3	14.23	2274550	20.0
unknown-03	14.90	4.5	ng/ul	510660	3	14.23	2274550	20.0
Azulene, 4,6,8-tr...	15.00	3.2	ng/ul	366263	3	14.23	2274550	20.0
(DEL) Alkane: Str...	15.07	31.5	ng/ul	3584150	3	14.23	2274550	20.0
Naphthalene, 2-me...	15.33	2.9	ng/ul	333546	3	14.23	2274550	20.0
(DEL) Alkane: Str...	15.47	18.5	ng/ul	2103450	3	14.23	2274550	20.0
(DEL) Alkane: Str...	15.63	3.1	ng/ul	416572	4	16.99	2681030	20.0
(DEL) Alkane: Cyc...	15.69	3.1	ng/ul	410221	4	16.99	2681030	20.0
(DEL) Alkane: Str...	15.96	55.4	ng/ul	7423740	4	16.99	2681030	20.0
(DEL) Alkane: Str...	16.28	2.7	ng/ul	358274	4	16.99	2681030	20.0
(DEL) Alkane: Str...	16.73	15.9	ng/ul	2137650	4	16.99	2681030	20.0
(DEL) Alkane: Str...	16.77	8.3	ng/ul	1106910	4	16.99	2681030	20.0
(DEL) Alkane: Str...	17.27	2.6	ng/ul	355258	4	16.99	2681030	20.0

(DEL) Alkane: Str...	17.39	2.6	ng/ul	352696	4	16.99	2681030	20.0
(DEL) Alkane: Str...	17.47	11.1	ng/ul	1485280	4	16.99	2681030	20.0
n-Hexadecanoic acid	17.88	8.0	ng/ul	1076290	4	16.99	2681030	20.0
(DEL) Alkane: Str...	18.16	6.7	ng/ul	896556	4	16.99	2681030	20.0
(DEL) Alkane: Str...	18.80	5.4	ng/ul	728971	4	16.99	2681030	20.0
Octadecanoic acid	19.17	3.4	ng/ul	536441	5	21.20	3197390	20.0
unknown-04	19.73	10.6	ng/ul	1695590	5	21.20	3197390	20.0
unknown-05	19.77	20.4	ng/ul	3256780	5	21.20	3197390	20.0
Myristin, 2,3-dia...	20.71	5.1	ng/ul	809892	5	21.20	3197390	20.0
(DEL) Alkane: Str...	21.76	2.4	ng/ul	387104	5	21.20	3197390	20.0
(DEL) Alkane: Str...	22.20	3.4	ng/ul	538063	5	21.20	3197390	20.0
(DEL) Alkane: Str...	22.70	4.6	ng/ul	701970	6	23.40	3047070	20.0
(DEL) Alkane: Str...	23.87	4.8	ng/ul	733067	6	23.40	3047070	20.0
(DEL) Alkane: Cyc...	23.97	2.9	ng/ul	447346	6	23.40	3047070	20.0
(DEL) Alkane: Str...	24.59	3.7	ng/ul	570469	6	23.40	3047070	20.0

Instrument :
BNA_M
ClientSampleId :
BF638