LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021183.D
Acq On : 26 Jun 2019 09:12
Operator : HP/JU
Sample : K3498-04DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA3DL

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-BM061419MA.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	3.022	3	6	18	rVB	537574	758817	10.17%	1.126%
2	4.416	240	243	249	rVB	53110	67982	0.91%	0.101%
3	6.451	584	589	595	rVB	69265	111772	1.50%	0.166%
4	6.875	656	661	665	rBV	35047	49172	0.66%	0.073%
5	6.940	666	672	681	rVB	181604	297489	3.99%	0.442%
6	7.110	696	701	709	rVV	158596	246738	3.31%	0.366%
7	7.198	712	716	728	rVB	44697	83122	1.11%	0.123%
8	7.304	728	734	741	rVB	200155	319730	4.29%	0.475%
9	7.769	805	813	821	rVB	876073	1350369	18.10%	2.005%
10	7.898	829	835	839	rVB2	13395	21448	0.29%	0.032%
11	8.475	927	933	940	rVV	205332	344650	4.62%	0.512%
12	8.598	949	954	959	rBV8	6054	15705	0.21%	0.023%
13	8.934	1004	1011	1022	rBV	205853	357442	4.79%	0.531%
14	9.298	1067	1073	1078	rBV	20235	32391	0.43%	0.048%
15	9.469	1098	1102	1109	rVB3	12718	17100	0.23%	0.025%
16	9.645	1125	1132	1140	rBV	157230	270503	3.63%	0.402%
17	9.728	1140	1146	1153	rBV8	14041	27461	0.37%	0.041%
18	9.869	1163	1170	1178	rVB7	10598	27246	0.37%	0.040%
19	10.181	1217	1223	1230	rVV	276166	457432	6.13%	0.679%
20	10.557	1280	1287	1294	rVB	1281099	2129355	28.54%	3.161%
21	10.704	1300	1312	1322	rBV	216394	440386	5.90%	0.654%
22	11.028	1363	1367	1373	rVB5	12624	19760	0.26%	0.029%
23	11.104	1373	1380	1385	rVB10	10058	21551	0.29%	0.032%
24	11.233	1400	1402	1407	rVB4	14857	19525	0.26%	0.029%
25	11.375	1418	1426	1431	rBV10	11792	31816	0.43%	0.047%
26	11.463	1435	1441	1446	rVB9	12445	26388	0.35%	0.039%
27	11.563	1453	1458	1462	rBV	65381	113129	1.52%	0.168%
28	11.639	1467	1471	1478	rVB7	28279	58638	0.79%	0.087%
29	11.733	1480	1487	1493	rBV6	17681	43156	0.58%	0.064%
30	11.792	1493	1497	1499	rBV4	20210	26569	0.36%	0.039%
31	11.827	1500	1503	1507	rVB5	14909	20184	0.27%	0.030%
32	11.927	1514	1520	1522	rBV6	13781	27537	0.37%	0.041%
33	11.963	1523	1526	1530	rBV2	26381	45758	0.61%	0.068%
34	12.163	1556	1560	1563	rBV5	19997	33496	0.45%	0.050%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021183.D
Acq On : 26 Jun 2019 09:12
Operator : HP/JU
Sample : K3498-04DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA3DL

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-BM061419MA.M
Title : SVOA CALIBRATION

35	12.280	1576	1580	1586	rBV5	42571	67991	0.91%	0.101%
36	12.339	1586	1590	1593	rBV6	18235	36992	0.50%	0.055%
37	12.416	1600	1603	1607	rBV5	14784	27740	0.37%	0.041%
38	12.604	1630	1635	1638	rBV6	61584	97975	1.31%	0.145%
39	12.786	1663	1666	1669	rBV3	58204	80792	1.08%	0.120%
40	12.827	1669	1673	1677	rVV2	107054	161632	2.17%	0.240%
41	12.874	1677	1681	1685	rVV4	55402	75634	1.01%	0.112%
42	12.927	1685	1690	1695	rVB	257620	364441	4.89%	0.541%
43	12.992	1697	1701	1705	rVB4	65355	107395	1.44%	0.159%
44	13.092	1716	1718	1719	rBV2	24497	21059	0.28%	0.031%
45	13.174	1728	1732	1735	rBV2	113906	186605	2.50%	0.277%
46	13.216	1735	1739	1746	rVB	259702	421254	5.65%	0.625%
47	13.310	1752	1755	1760	rBV7	40735	71761	0.96%	0.107%
48	13.533	1791	1793	1796	rBV3	38405	37378	0.50%	0.055%
49	13.604	1803	1805	1809	rBV3	50830	65872	0.88%	0.098%
50	13.816	1834	1841	1846	rBV2	1158832	1803295	24.17%	2.677%
51	13.874	1846	1851	1855	rVV2	731764	1096508	14.70%	1.628%
52	13.927	1855	1860	1867	rVB7	228356	564215	7.56%	0.838%
53	13.998	1868	1872	1876	rBV3	103199	153742	2.06%	0.228%
54	14.104	1884	1890	1894	rBV	756775	1234637	16.55%	1.833%
55	14.227	1906	1911	1917	rVB3	552390	943992	12.65%	1.401%
56	14.298	1918	1923	1929	rBV2	643392	990691	13.28%	1.471%
57	14.363	1929	1934	1937	rVV3	432041	681305	9.13%	1.011%
58	14.410	1937	1942	1948	rVB2	2194614	3359605	45.03%	4.987%
59	14.633	1975	1980	1987	rVB5	156842	302918	4.06%	0.450%
60	14.710	1990	1993	1995	rBV2	100478	138897	1.86%	0.206%
61	14.798	2005	2008	2012	rVB2	177985	227937	3.06%	0.338%
62	14.916	2023	2028	2037	rVB6	306495	599017	8.03%	0.889%
63	14.986	2037	2040	2043	rBV3	126539	136115	1.82%	0.202%
64	15.027	2044	2047	2049	rBV3	113491	147148	1.97%	0.218%
65	15.139	2059	2066	2068	rBV6	223939	528287	7.08%	0.784%
66	15.251	2081	2085	2090	rBV2	687137	906229	12.15%	1.345%
67	15.404	2107	2111	2116	rVB	1084153	1408988	18.89%	2.092%
68	15.533	2130	2133	2139	rVB6	156886	222478	2.98%	0.330%
69	15.657	2148	2154	2159	rBV	730672	1209812	16.22%	1.796%
70	15.757	2167	2171	2172	rBV3	169065	219570	2.94%	0.326%
71	15.868	2187	2190	2193	rBV2	209505	221982	2.98%	0.330%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021183.D
Acq On : 26 Jun 2019 09:12
Operator : HP/JU
Sample : K3498-04DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA3DL

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-BM061419MA.M
Title : SVOA CALIBRATION

72	15.904	2193	2196	2202	rVV4	180764	250164	3.35%	0.371%
73	16.133	2228	2235	2249	rVB	1907107	4052866	54.33%	6.016%
74	16.262	2254	2257	2261	rBV2	191939	258011	3.46%	0.383%
75	16.457	2286	2290	2293	rBV2	200601	321358	4.31%	0.477%
76	16.810	2344	2350	2355	rBV	5211113	7460026	100.00%	11.074%
77	16.904	2363	2366	2370	rVB	605637	698035	9.36%	1.036%
78	16.957	2371	2375	2379	rBV2	693106	983003	13.18%	1.459%
79	17.157	2404	2409	2415	rBV2	2978987	4453136	59.69%	6.610%
80	17.257	2422	2426	2433	rVB	1190801	1763393	23.64%	2.618%
81	17.557	2474	2477	2483	rBV4	271006	490629	6.58%	0.728%
82	17.645	2488	2492	2496	rVB	688091	853536	11.44%	1.267%
83	18.339	2606	2610	2614	rVB	534249	693600	9.30%	1.030%
84	18.868	2697	2700	2706	rBV2	244076	338425	4.54%	0.502%
85	18.974	2715	2718	2720	rVB	264939	263209	3.53%	0.391%
86	19.103	2737	2740	2743	rBV3	129535	148102	1.99%	0.220%
87	19.551	2811	2816	2819	rBV	1611506	2192662	29.39%	3.255%
88	19.656	2830	2834	2842	rVB2	363018	584165	7.83%	0.867%
89	19.898	2872	2875	2877	rBV3	150865	206090	2.76%	0.306%
90	20.092	2905	2908	2914	rVB4	187032	251945	3.38%	0.374%
91	20.233	2929	2932	2936	rVB	217609	259130	3.47%	0.385%
92	20.374	2953	2956	2959	rBV2	174188	203451	2.73%	0.302%
93	20.545	2981	2985	2989	rBV4	461005	641614	8.60%	0.952%
94	21.050	3068	3071	3078	rVB2	242451	302806	4.06%	0.449%
95	21.345	3116	3121	3126	rBV	3870177	4968181	66.60%	7.375%
96	22.397	3297	3300	3312	rVB	282262	441665	5.92%	0.656%
97	22.909	3383	3387	3392	rBV2	287338	437157	5.86%	0.649%
98	23.474	3477	3483	3493	rVB2	1048402	2097214	28.11%	3.113%
99	23.621	3501	3508	3516	rVB	2364427	4320005	57.91%	6.413%
100	24.133	3592	3595	3604	rVB2	329309	596858	8.00%	0.886%

Sum of corrected areas: 67366142

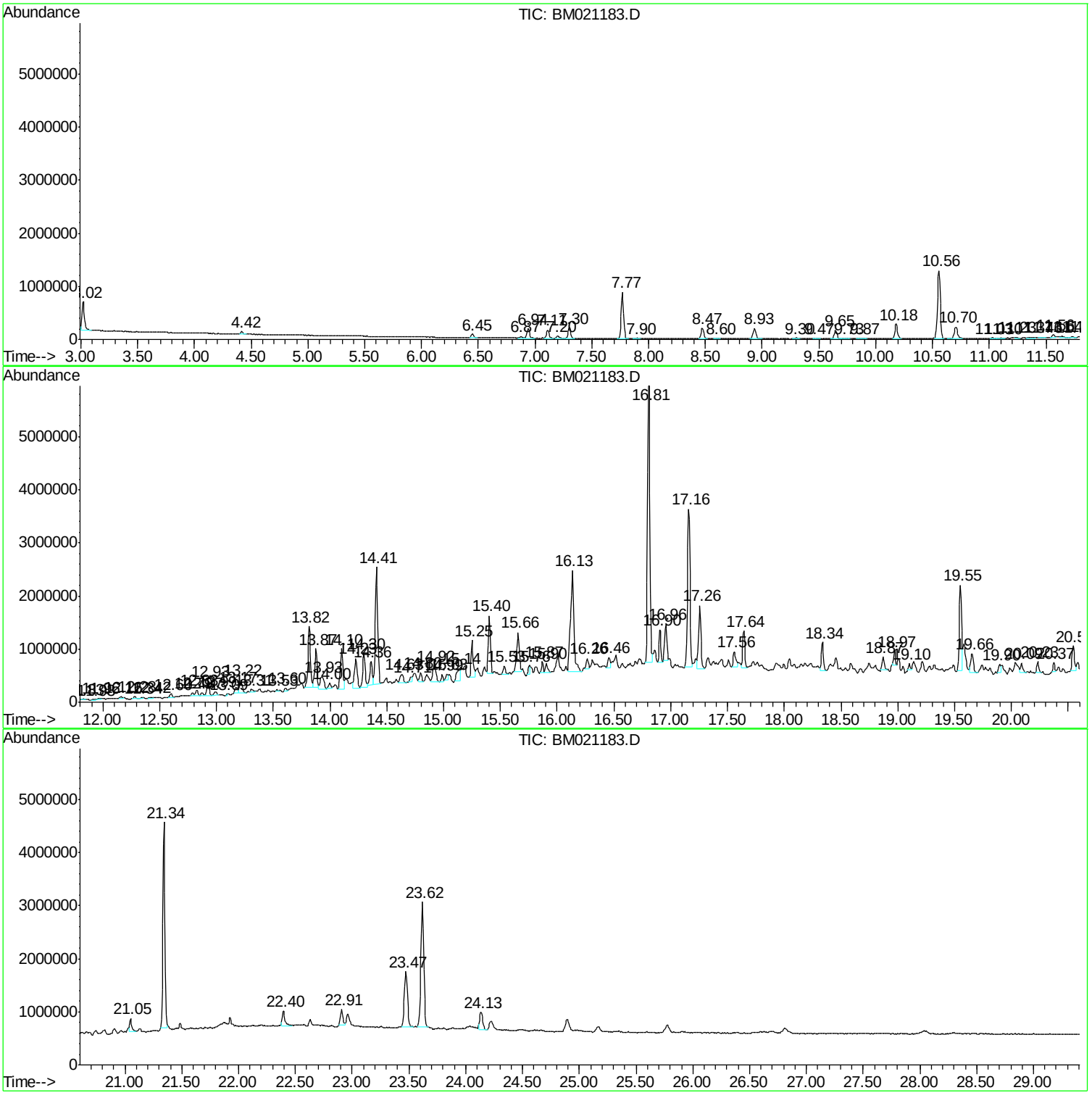
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021183.D
Acq On : 26 Jun 2019 09:12
Operator : HP/JU
Sample : K3498-04DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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\BM062519\
Data File : BM021183.D
Acq On : 26 Jun 2019 09:12
Operator : HP/JU
Sample : K3498-04DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

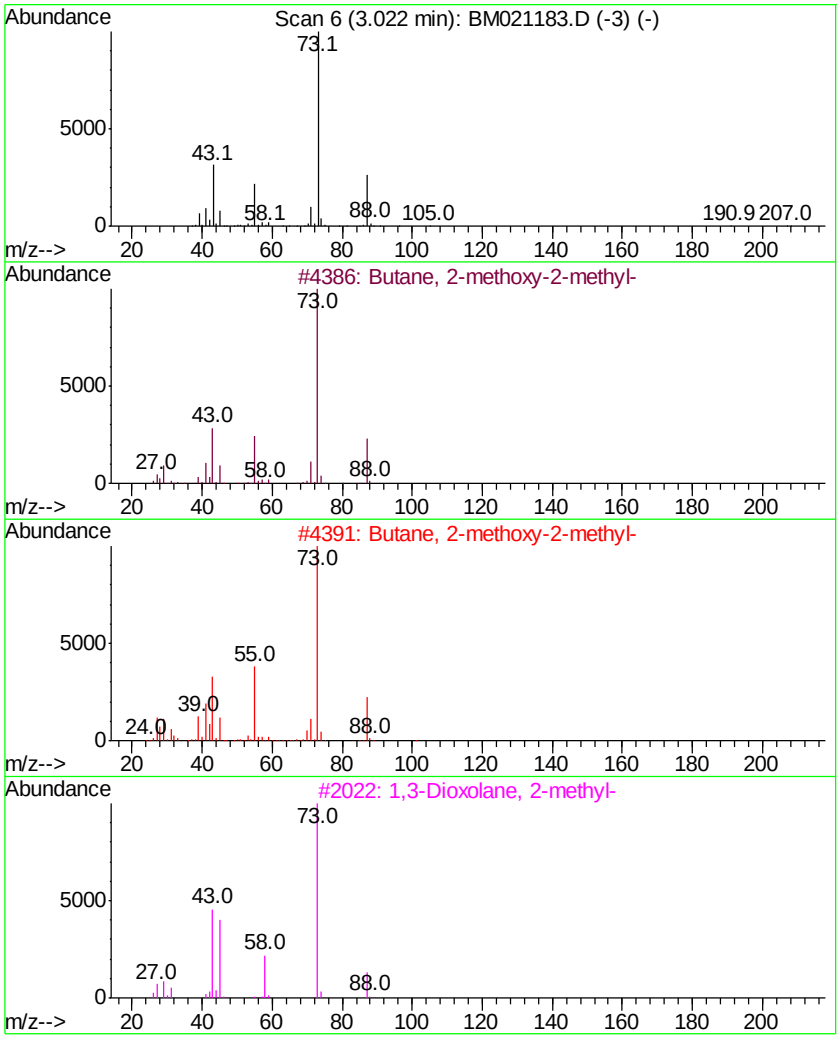
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

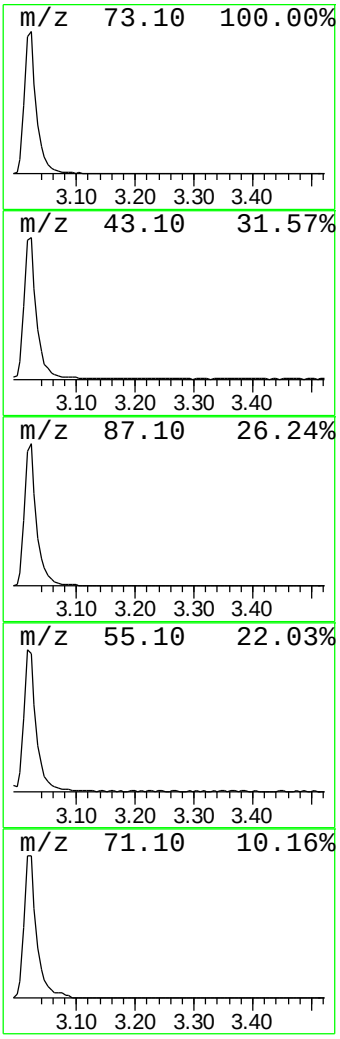
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	11.24 ng/ul	758817	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021183.D
Acq On : 26 Jun 2019 09:12
Operator : HP/JU
Sample : K3498-04DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

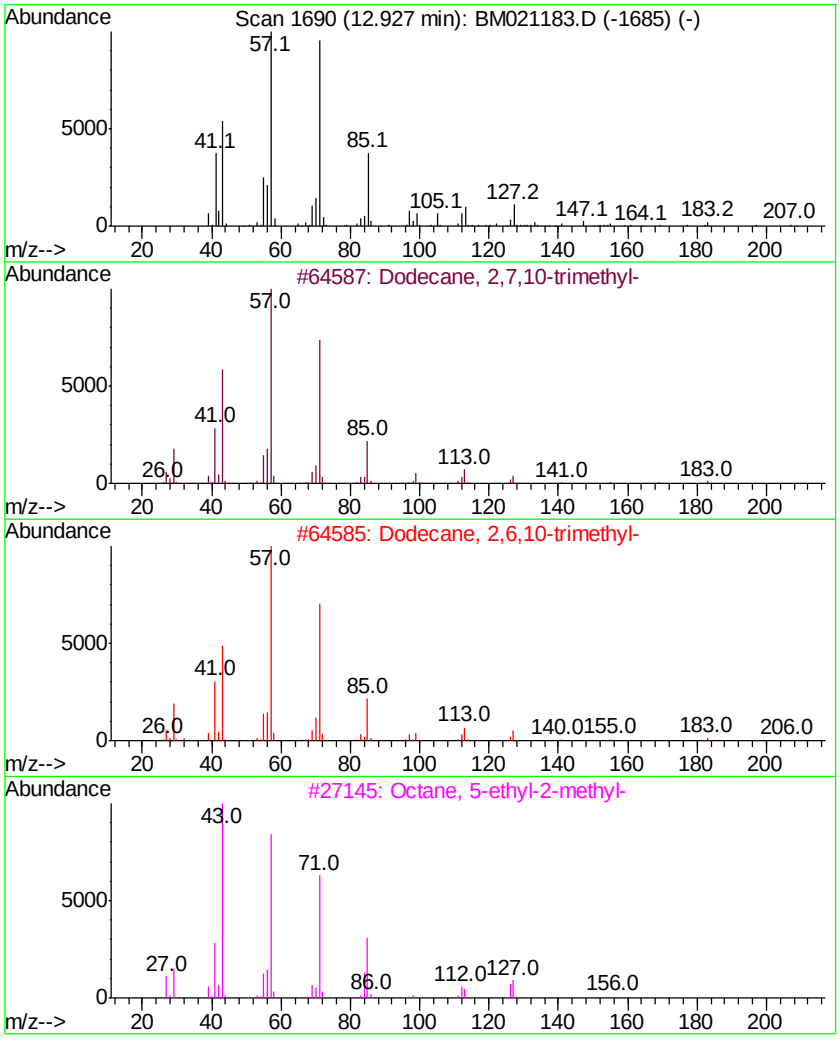
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

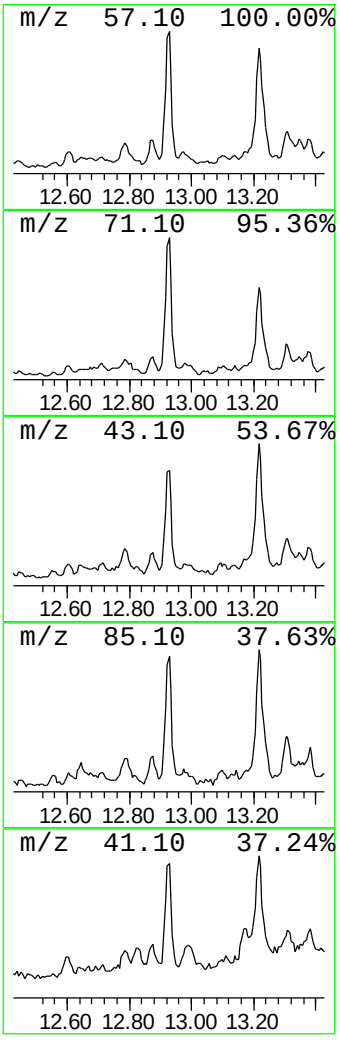
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	2.17 ng/ul	364441	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	78
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021183.D
Acq On : 26 Jun 2019 09:12
Operator : HP/JU
Sample : K3498-04DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

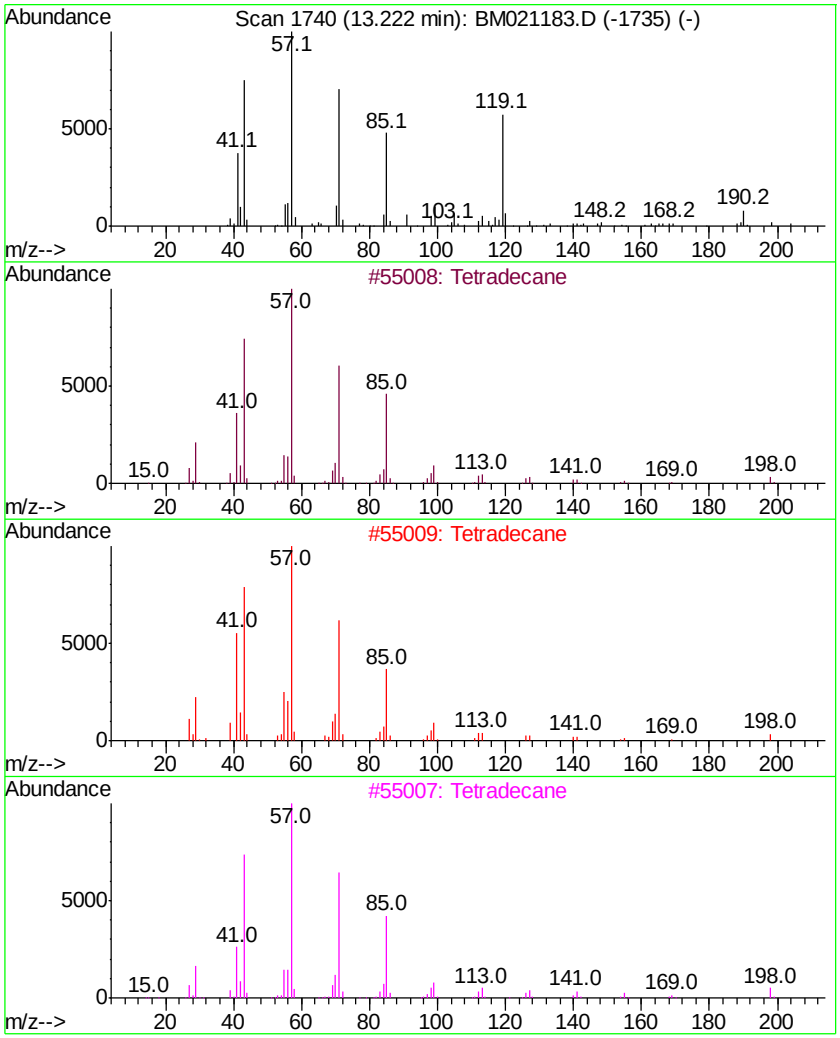
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

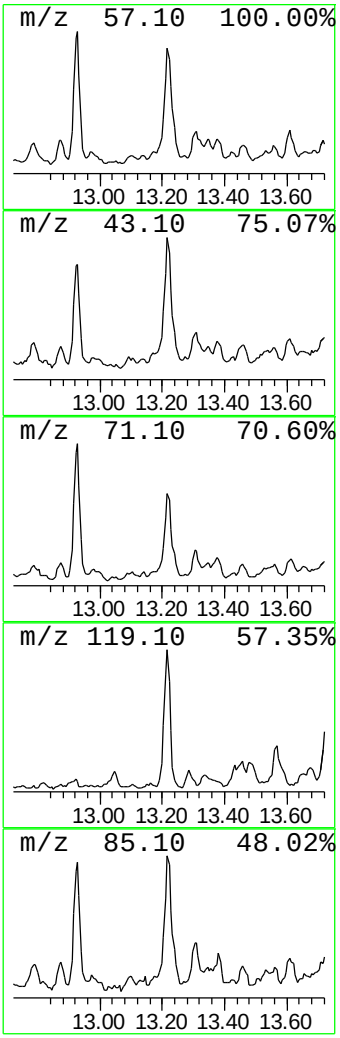
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	2.51 ng/ul	421254	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Tetradecane	198	C14H30	000629-59-4	87
3	Tetradecane	198	C14H30	000629-59-4	87
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	50
5	Hexadecane	226	C16H34	000544-76-3	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021183.D
Acq On : 26 Jun 2019 09:12
Operator : HP/JU
Sample : K3498-04DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

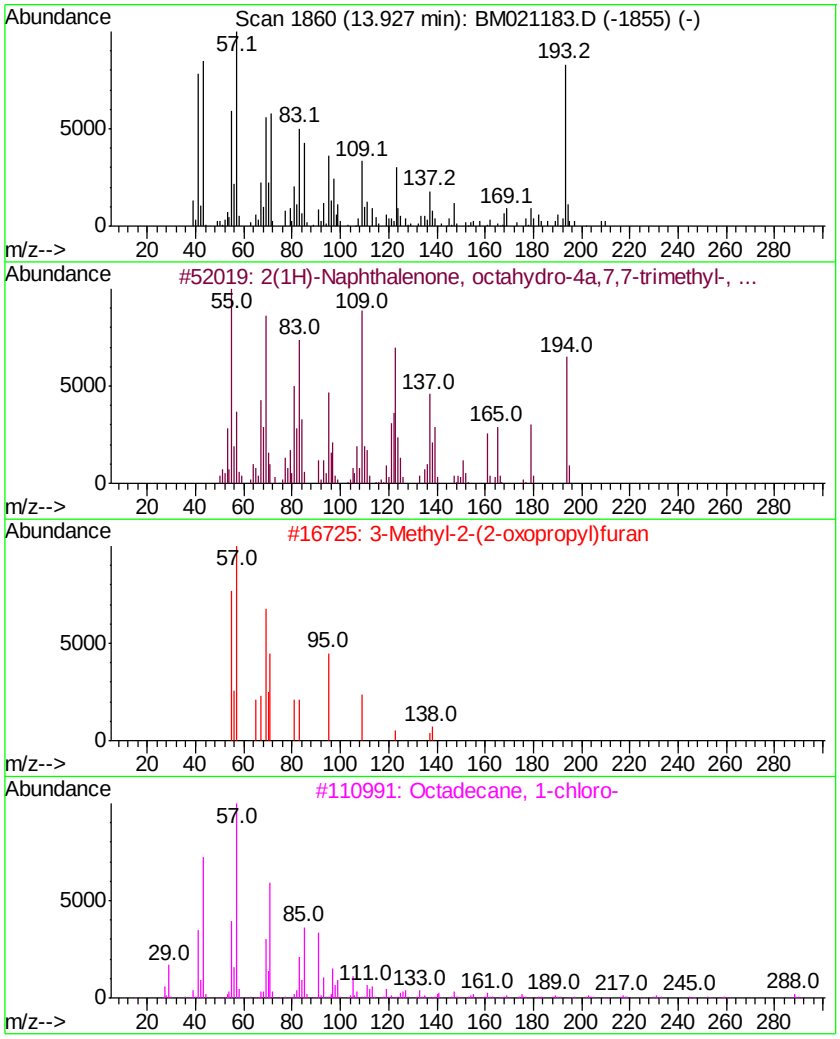
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

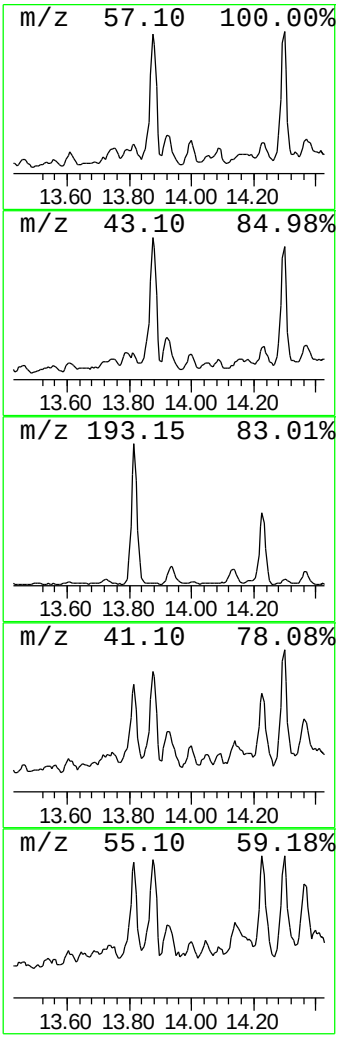
****

Peak Number 4 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	3.36 ng/ul	564215	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-4...	194	C13H22O	054699-31-9	30
2	3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	25
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	25
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	18
5	Tritetracontane	605	C43H88	007098-21-7	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021183.D
Acq On : 26 Jun 2019 09:12
Operator : HP/JU
Sample : K3498-04DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

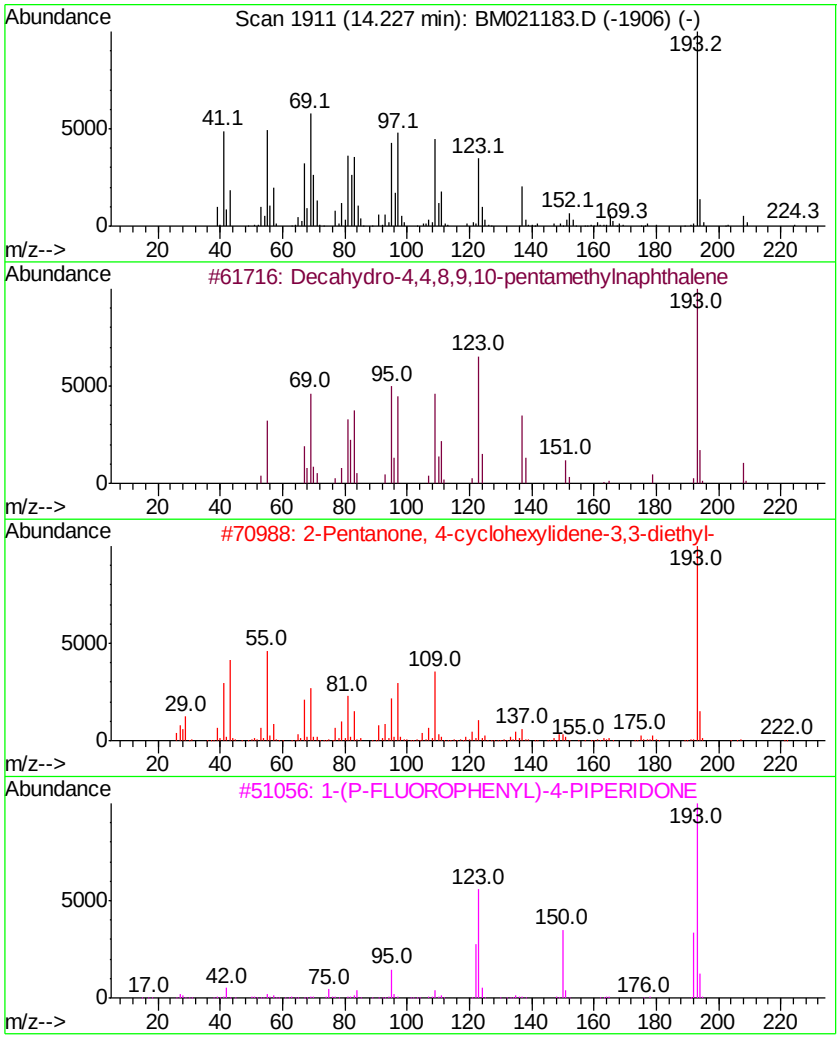
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

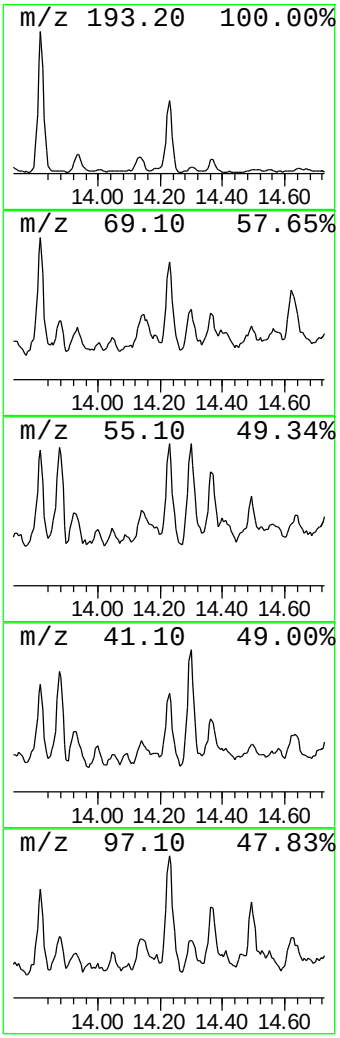
****

Peak Number 5 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	5.62 ng/ul	943992	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	47
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	45
3	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	38
4	Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	22
5	Acridine, 9-methyl-	193	C14H11N	000611-64-3	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021183.D
Acq On : 26 Jun 2019 09:12
Operator : HP/JU
Sample : K3498-04DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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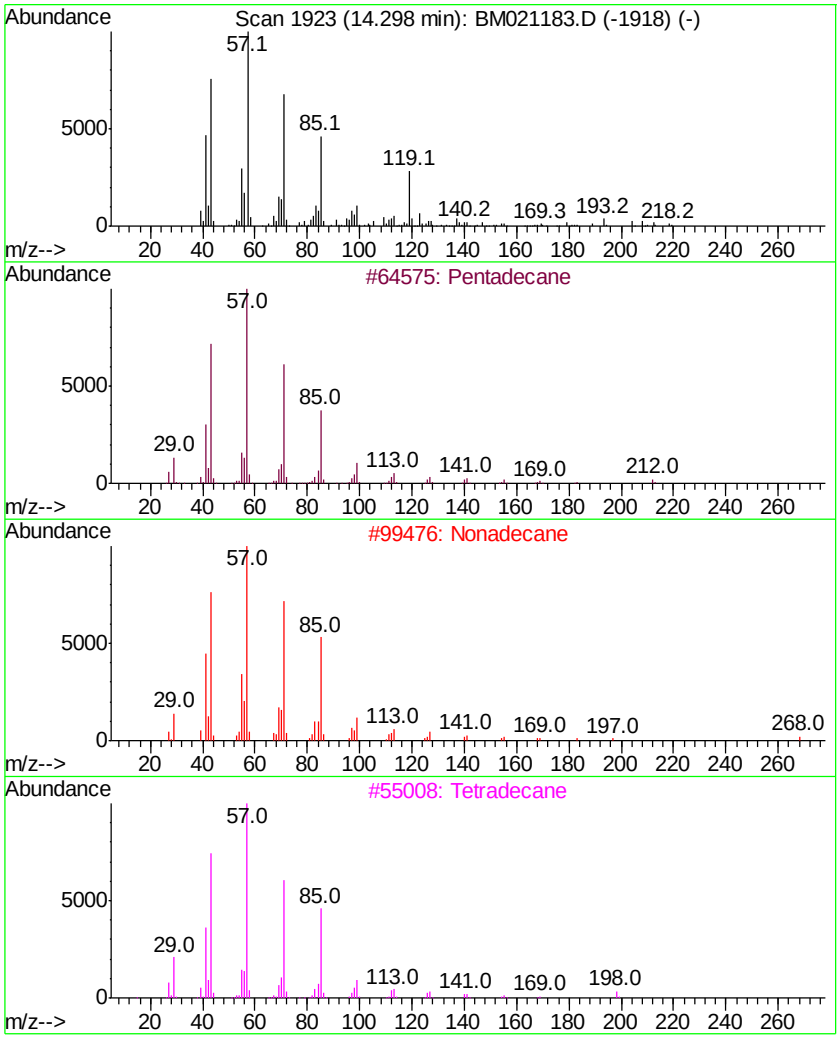
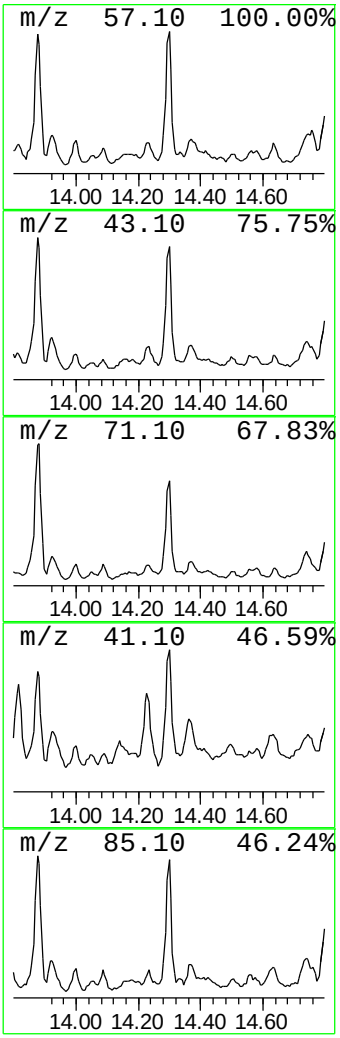
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	5.90 ng/ul	990691	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	89
2	Nonadecane	268	C19H40	000629-92-5	62
3	Tetradecane	198	C14H30	000629-59-4	62
4	Tetradecane	198	C14H30	000629-59-4	62
5	Heptadecane	240	C17H36	000629-78-7	58





Library Search Compound Report

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Acq On : 26 Jun 2019 09:12
Operator : HP/JU
Sample : K3498-04DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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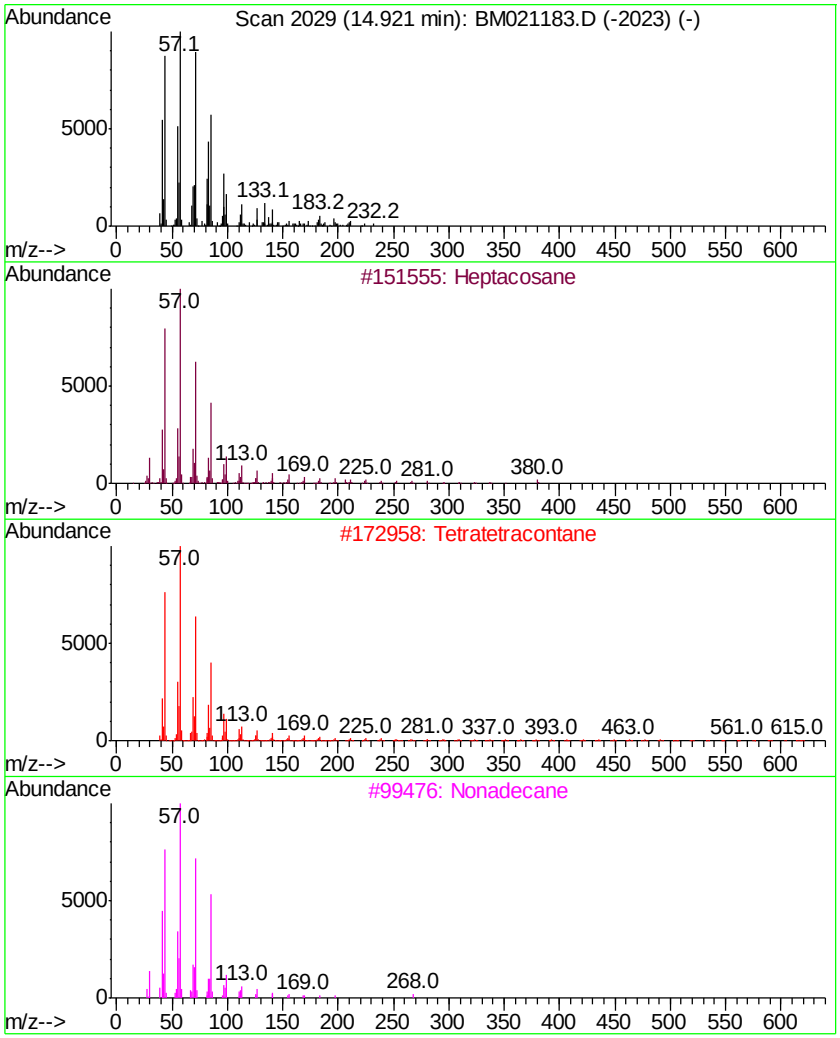
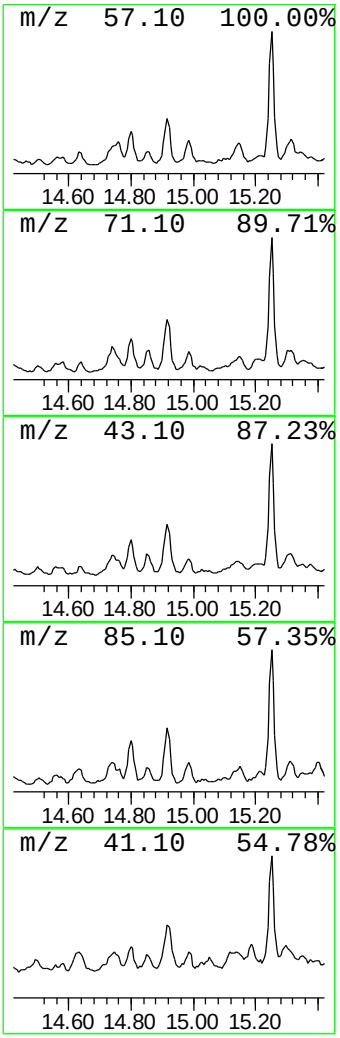
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	3.57 ng/ul	599017	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Nonadecane	268	C19H40	000629-92-5	86
4	Tetratriacontane	479	C34H70	014167-59-0	86
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86





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Acq On : 26 Jun 2019 09:12
Operator : HP/JU
Sample : K3498-04DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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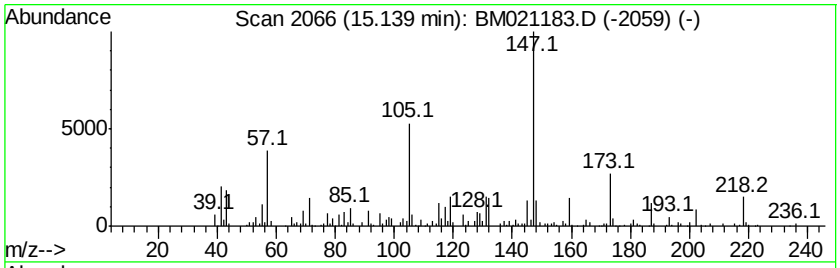
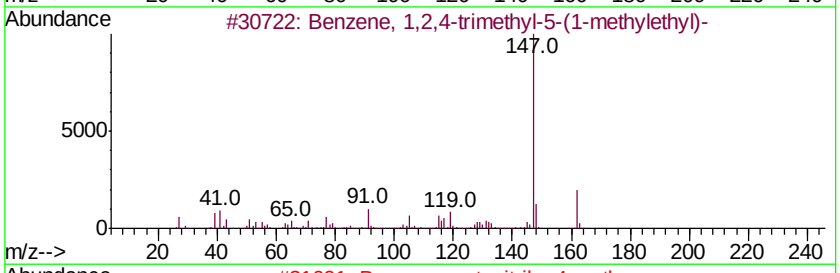
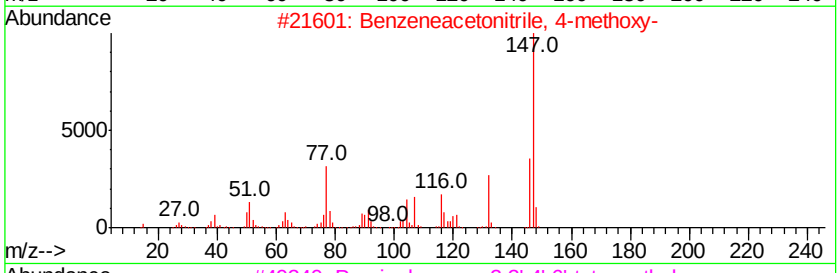
Peak Number 8 unknown-03 Concentration Rank 11

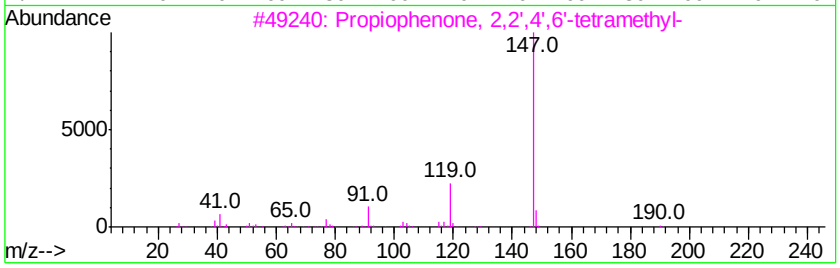
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	3.14 ng/ul	528287	Acenaphthene-d10	14.41

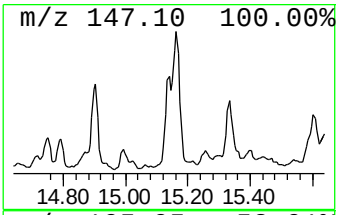
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-5-(1-me...	162	C12H18	010222-95-4	49
2	Benzeneacetonitrile, 4-methoxy-	147	C9H9NO	000104-47-2	46
3	Propiophenone, 2,2',4',6'-tetram...	190	C13H18O	002040-22-4	43
4	Benzoic acid, 2,4,6-trimethyl-, ...	282	C19H22O2	001504-38-7	43
5	2-(Trimethylsilylmethyl)dimethyl...	204	C9H24OSi2	005089-47-4	43

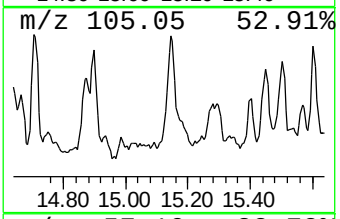


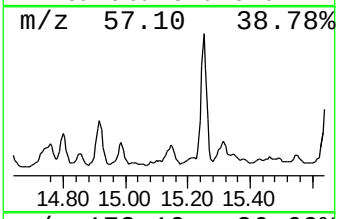


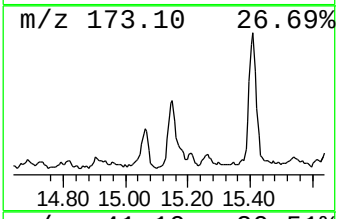


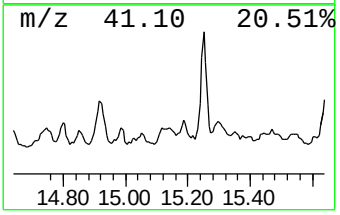












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021183.D
Acq On : 26 Jun 2019 09:12
Operator : HP/JU
Sample : K3498-04DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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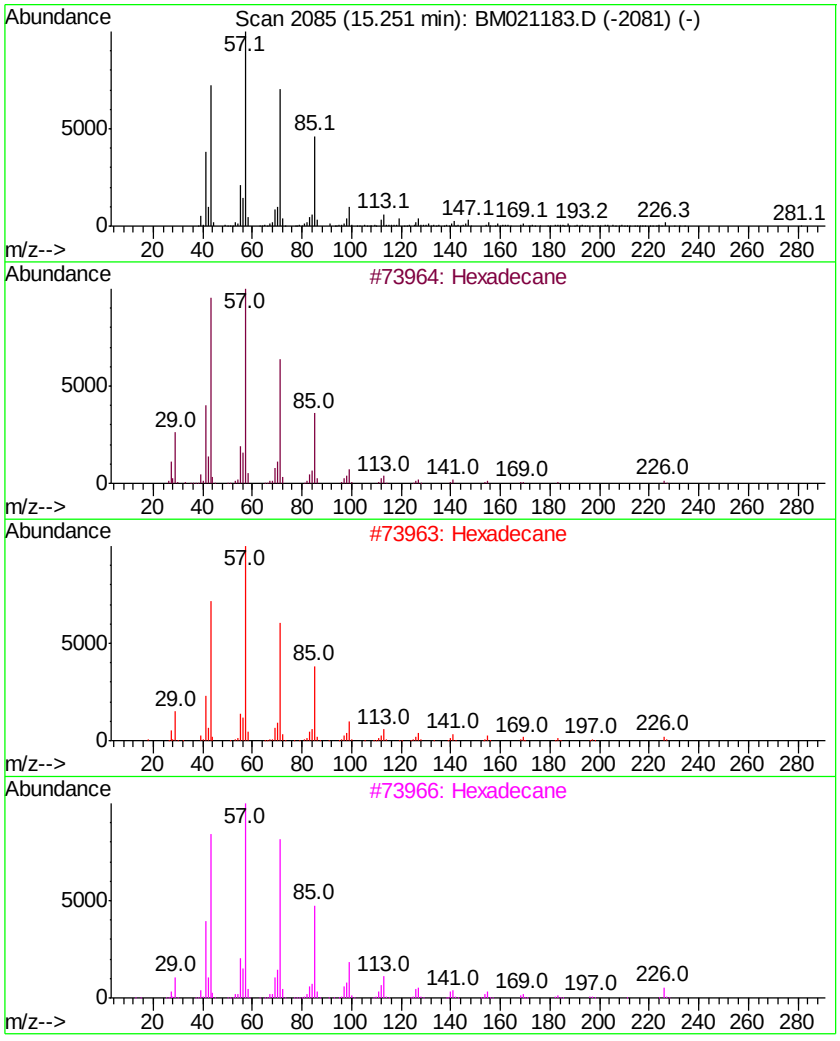
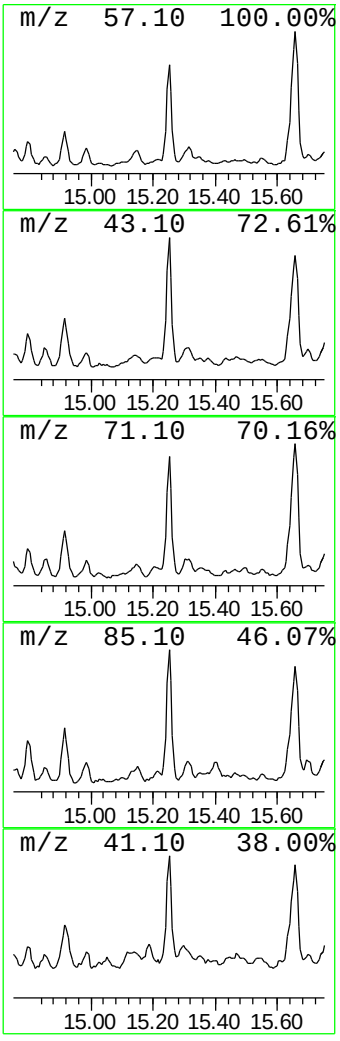
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	5.39 ng/ul	906229	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Hexadecane	226	C16H34	000544-76-3	93
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetradecane	198	C14H30	000629-59-4	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021183.D
Acq On : 26 Jun 2019 09:12
Operator : HP/JU
Sample : K3498-04DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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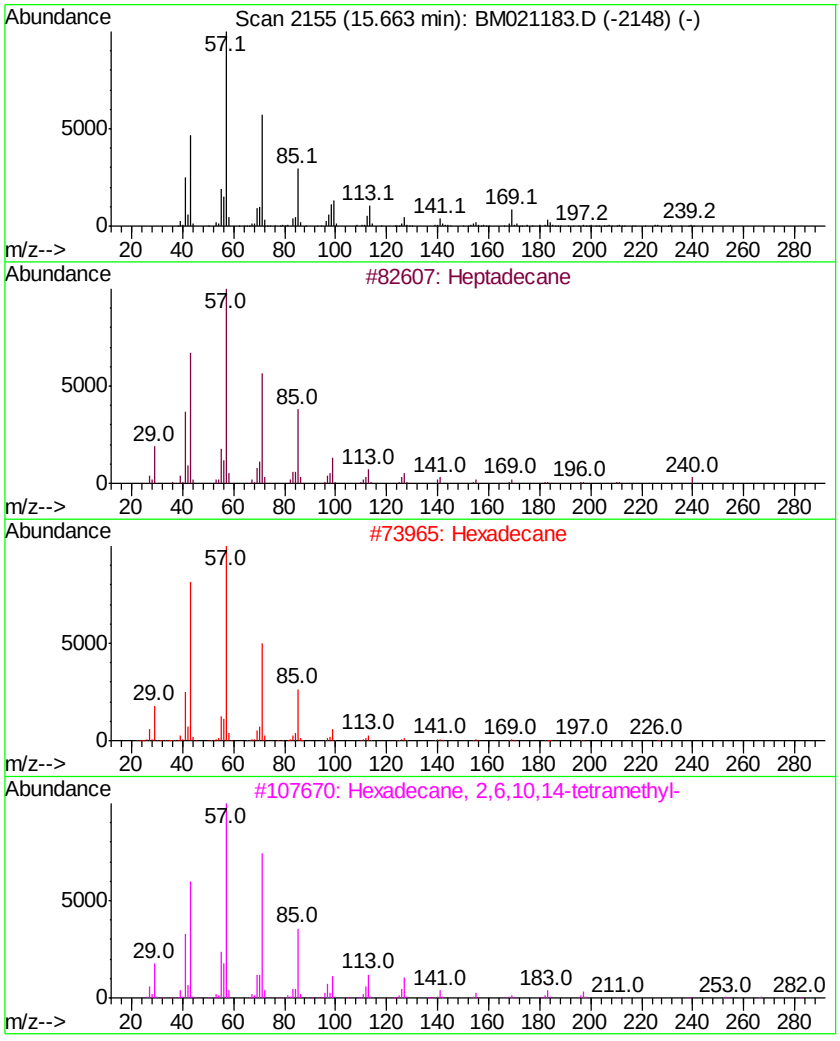
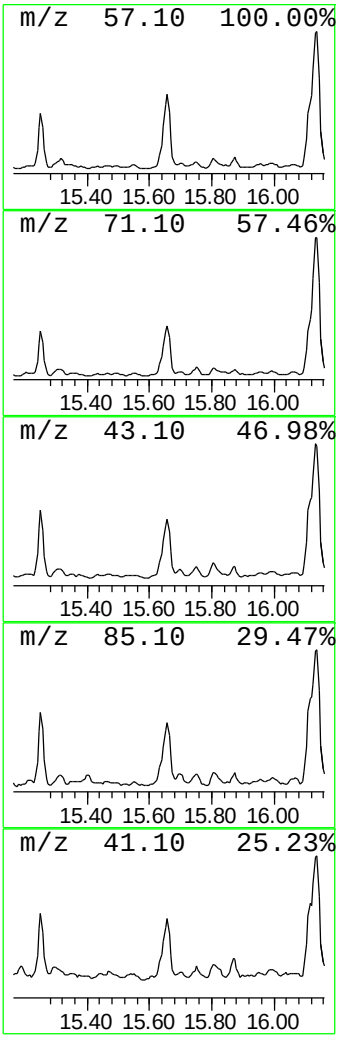
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	7.20 ng/ul	1209810	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Hexadecane	226	C16H34	000544-76-3	81
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	62





Library Search Compound Report

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Data File : BM021183.D
Acq On : 26 Jun 2019 09:12
Operator : HP/JU
Sample : K3498-04DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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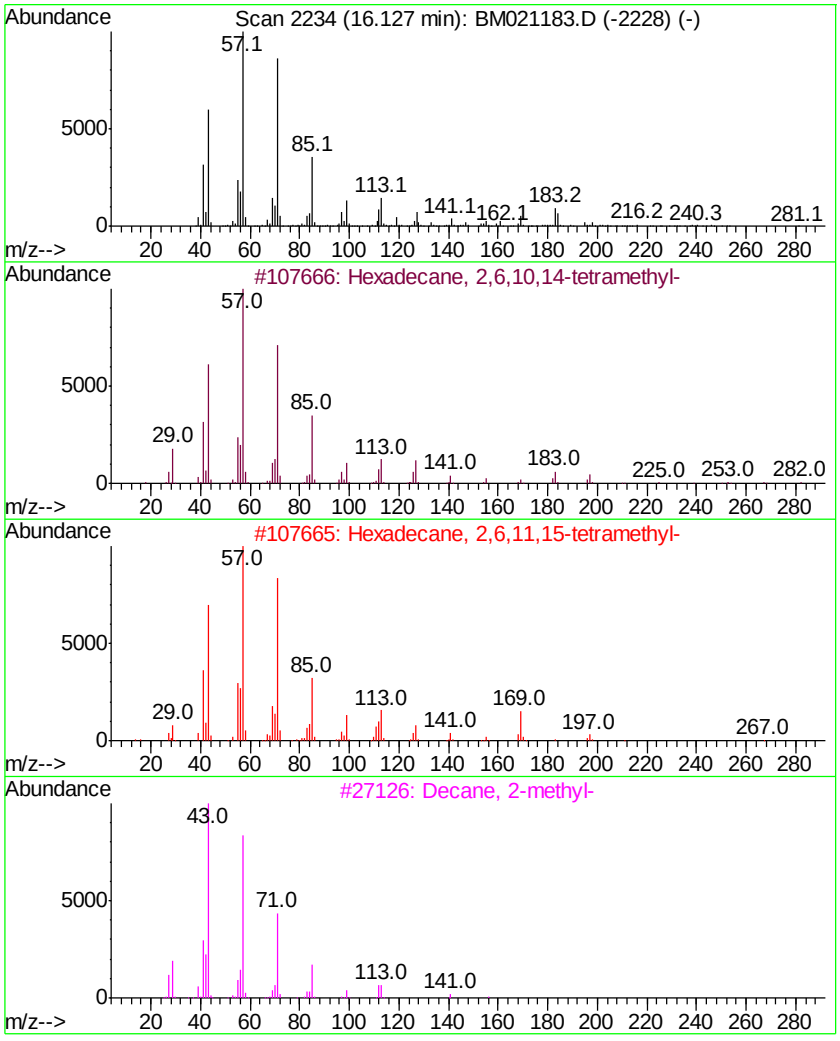
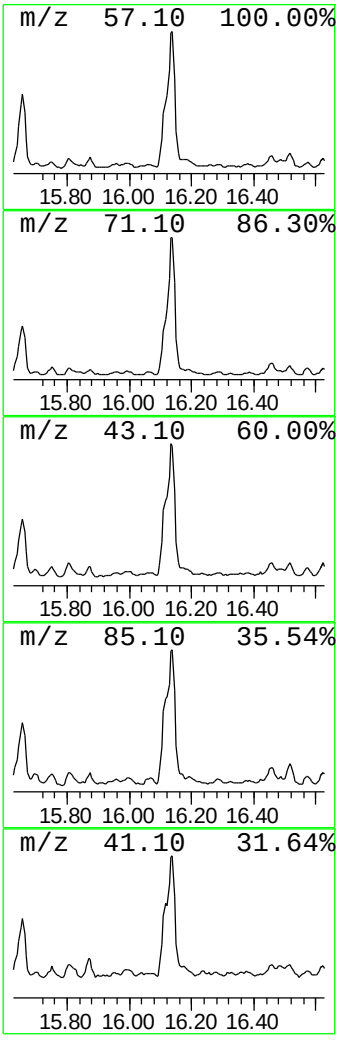
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	18.20 ng/ul	4052870	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	86
3	Decane, 2-methyl-	156	C11H24	006975-98-0	81
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	76
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	74





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Acq On : 26 Jun 2019 09:12
Operator : HP/JU
Sample : K3498-04DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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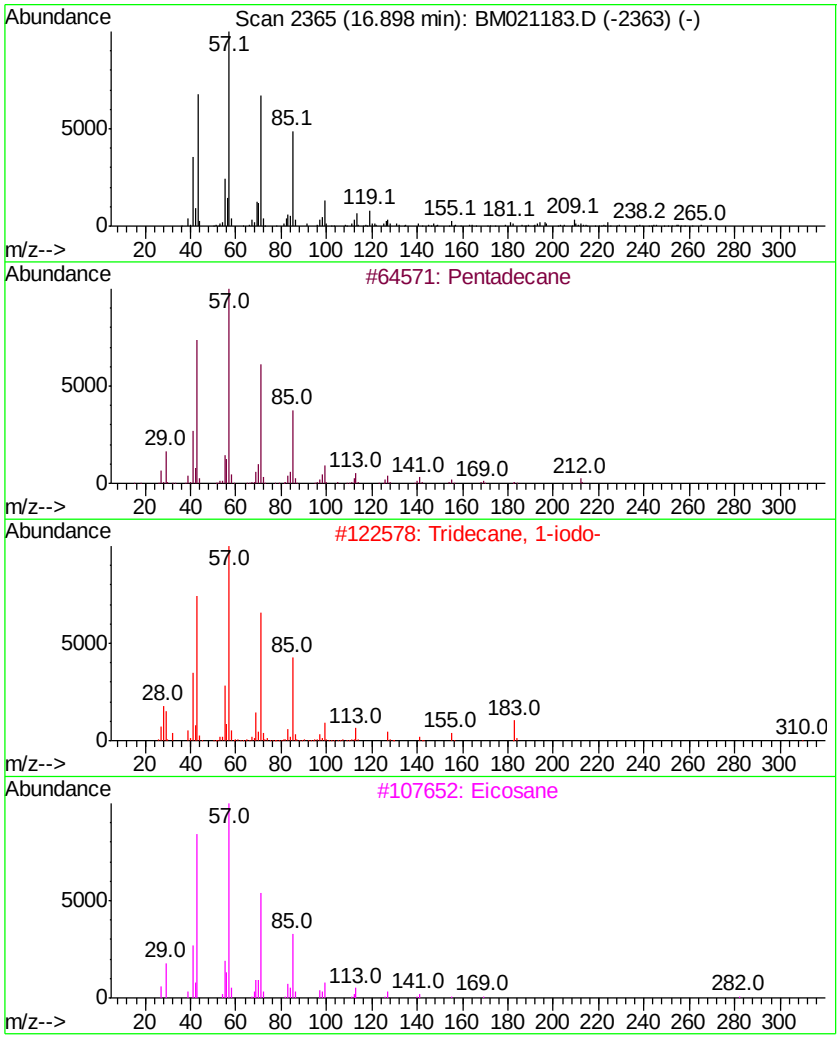
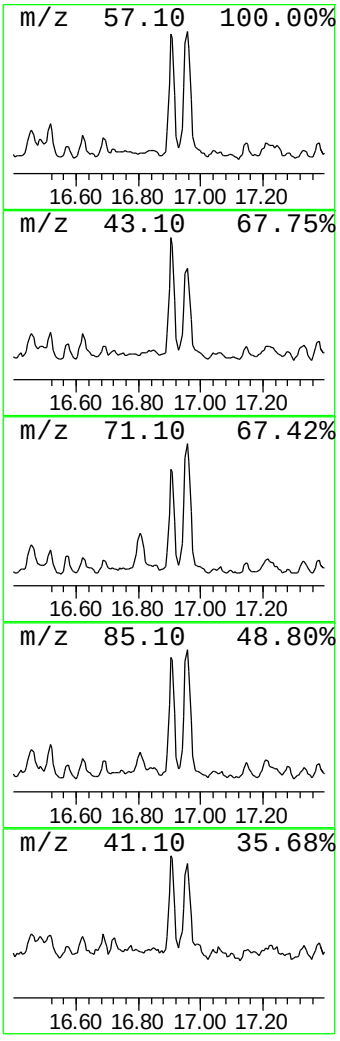
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	3.14 ng/ul	698035	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
3	Eicosane	282	C20H42	000112-95-8	83
4	Tetradecane	198	C14H30	000629-59-4	83
5	Tetracosane	338	C24H50	000646-31-1	80





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Acq On : 26 Jun 2019 09:12
Operator : HP/JU
Sample : K3498-04DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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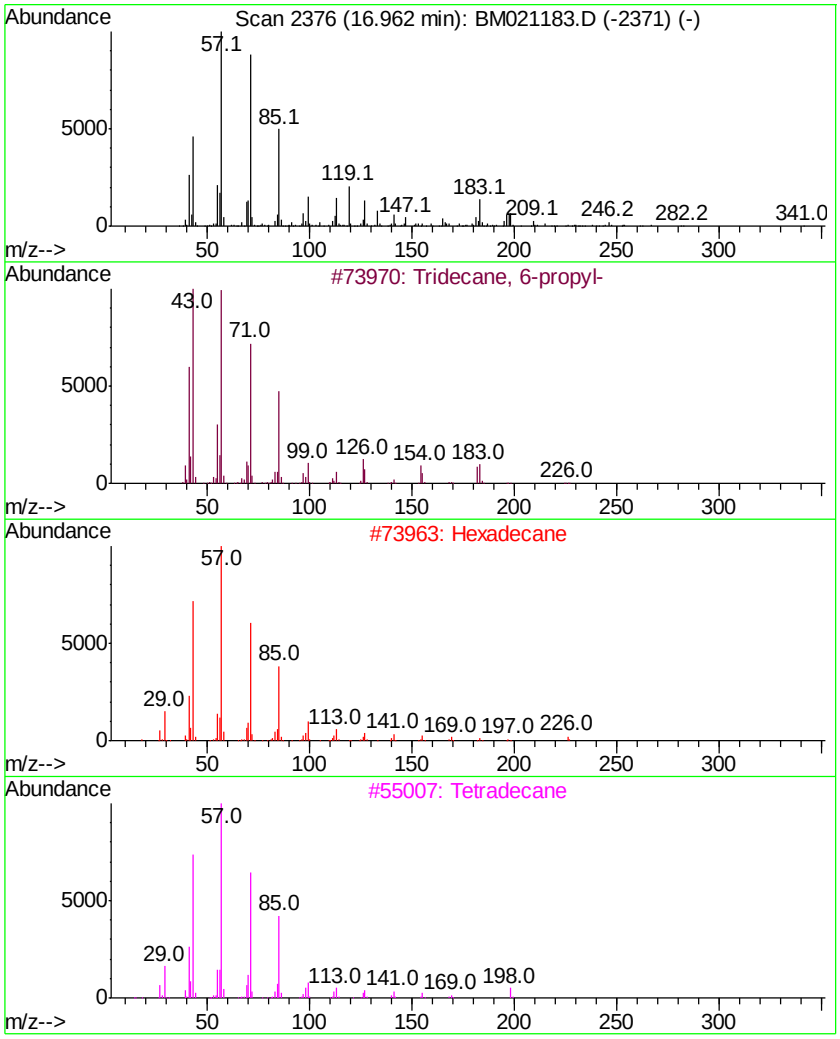
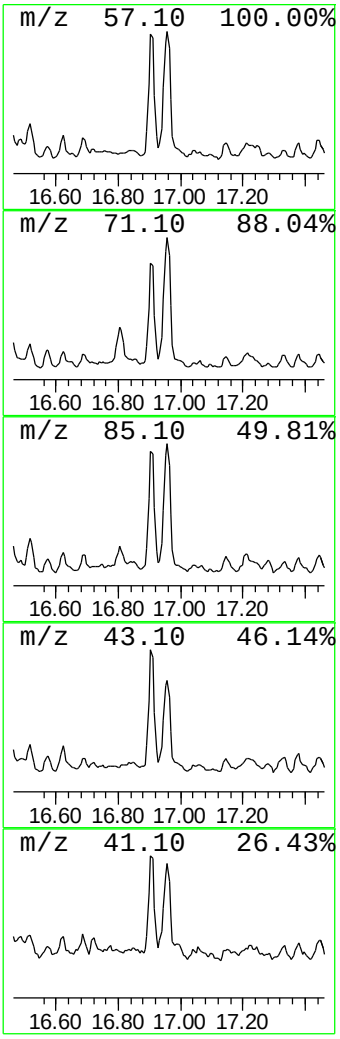
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	4.41 ng/ul	983003	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tetradecane	198	C14H30	000629-59-4	83
4	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	76
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	72





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Operator : HP/JU
Sample : K3498-04DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA3DL

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Quant Title : SVOA CALIBRATION

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

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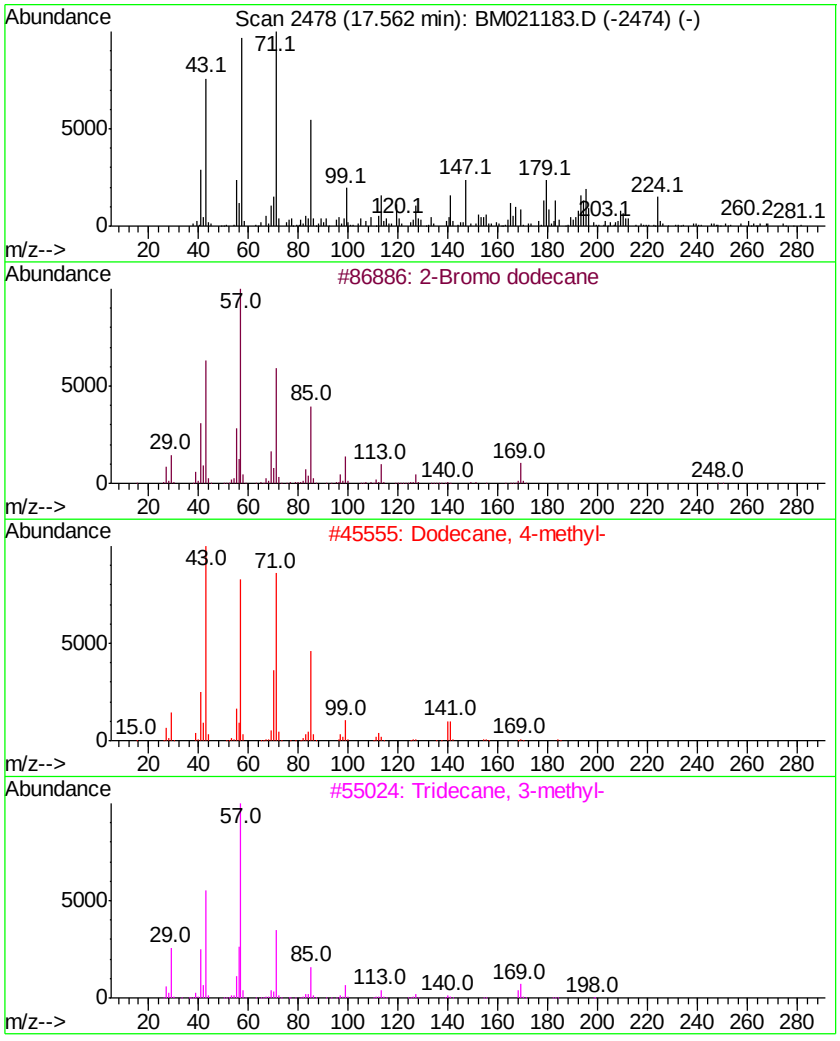
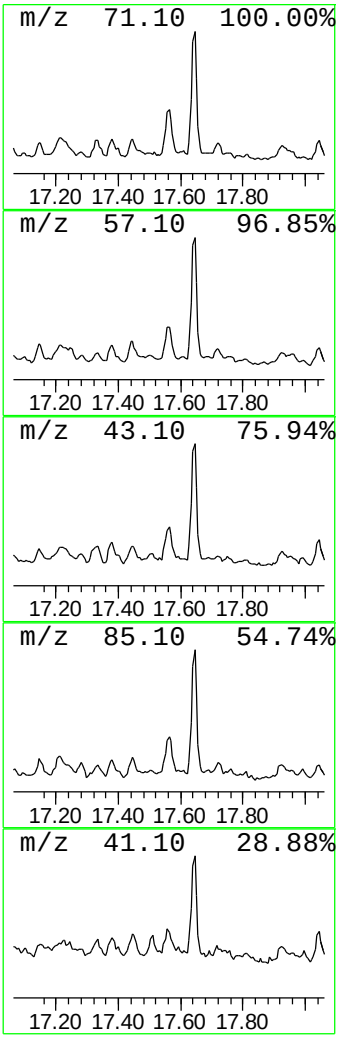
Peak Number 14 2-Bromo dodecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	2.20 ng/ul	490629	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	66
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	46
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	46
4	Pentadecane	212	C15H32	000629-62-9	45
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	43





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Data File : BM021183.D
Acq On : 26 Jun 2019 09:12
Operator : HP/JU
Sample : K3498-04DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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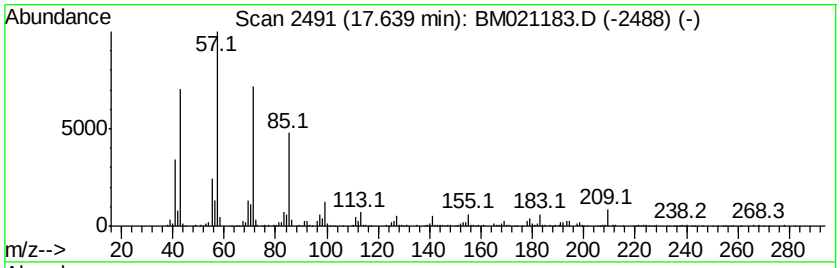
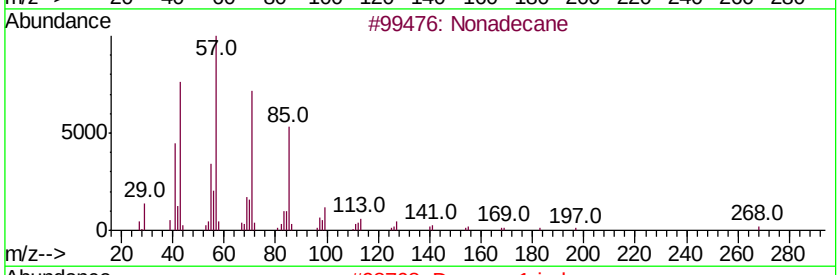
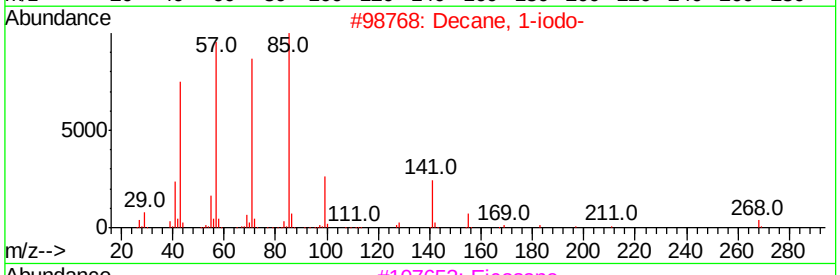
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 8

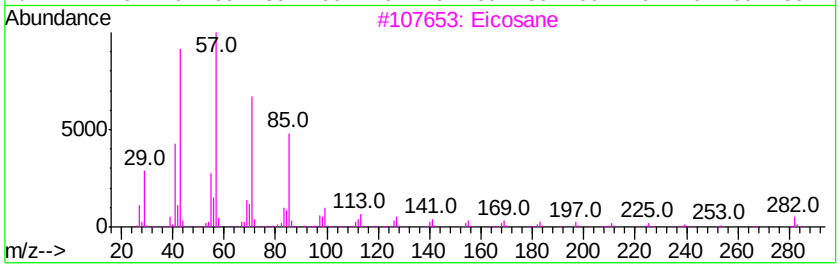
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	3.83 ng/ul	853536	Phenanthrene-d10	17.16

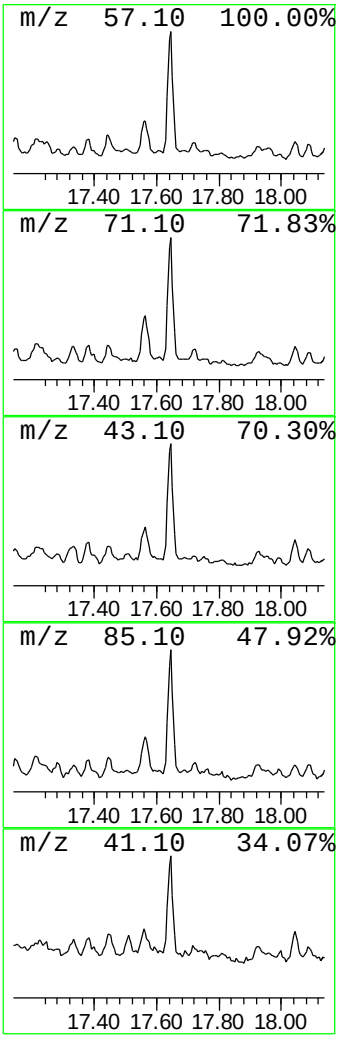
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
5	Heptadecane	240	C17H36	000629-78-7	83











Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021183.D
Acq On : 26 Jun 2019 09:12
Operator : HP/JU
Sample : K3498-04DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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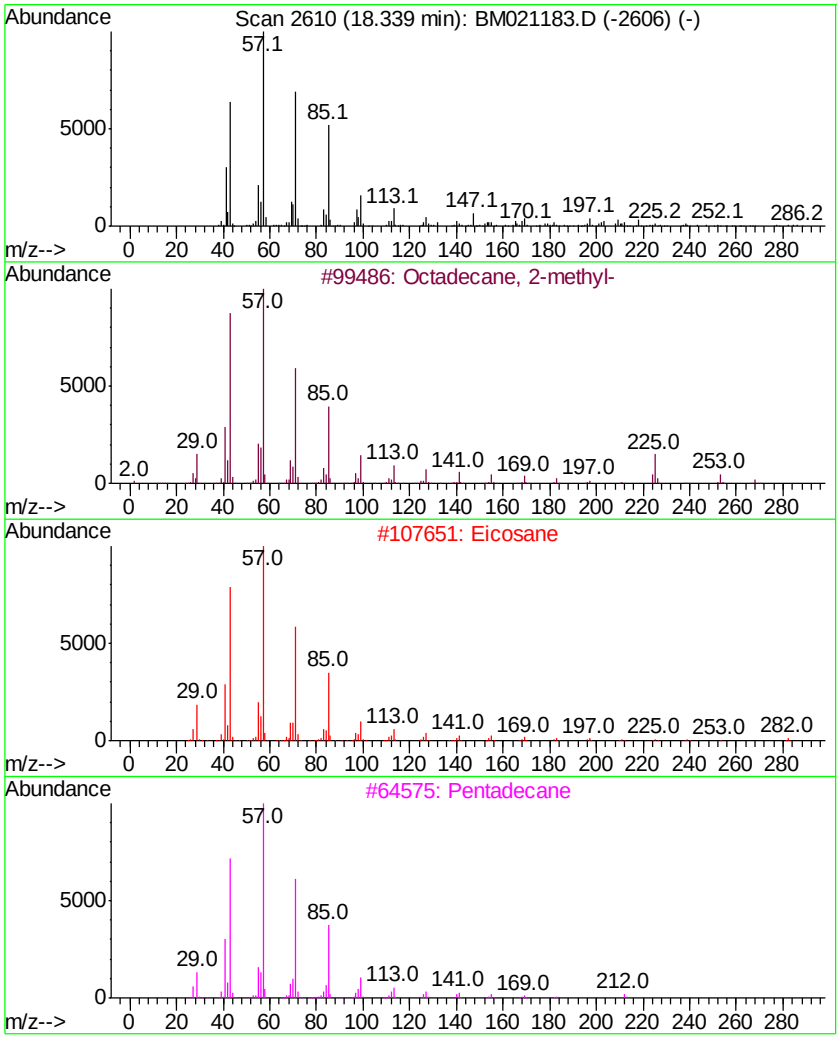
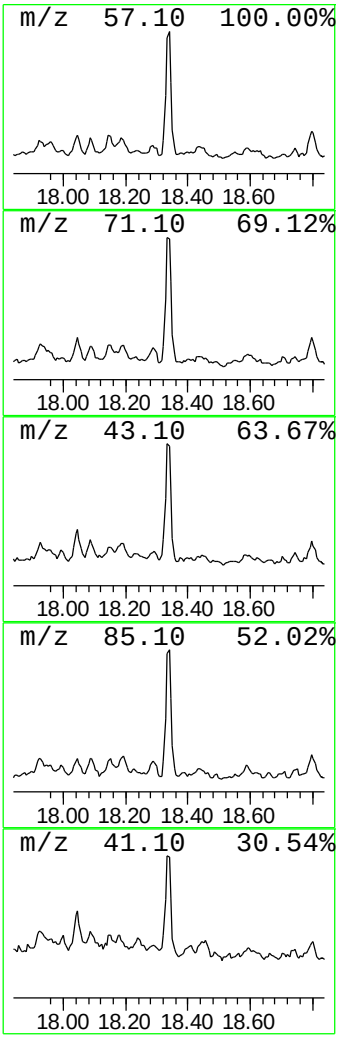
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	3.12 ng/ul	693600	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	87
2	Eicosane	282	C20H42	000112-95-8	87
3	Pentadecane	212	C15H32	000629-62-9	86
4	Tetracosane	338	C24H50	000646-31-1	83
5	Tetradecane	198	C14H30	000629-59-4	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021183.D
Acq On : 26 Jun 2019 09:12
Operator : HP/JU
Sample : K3498-04DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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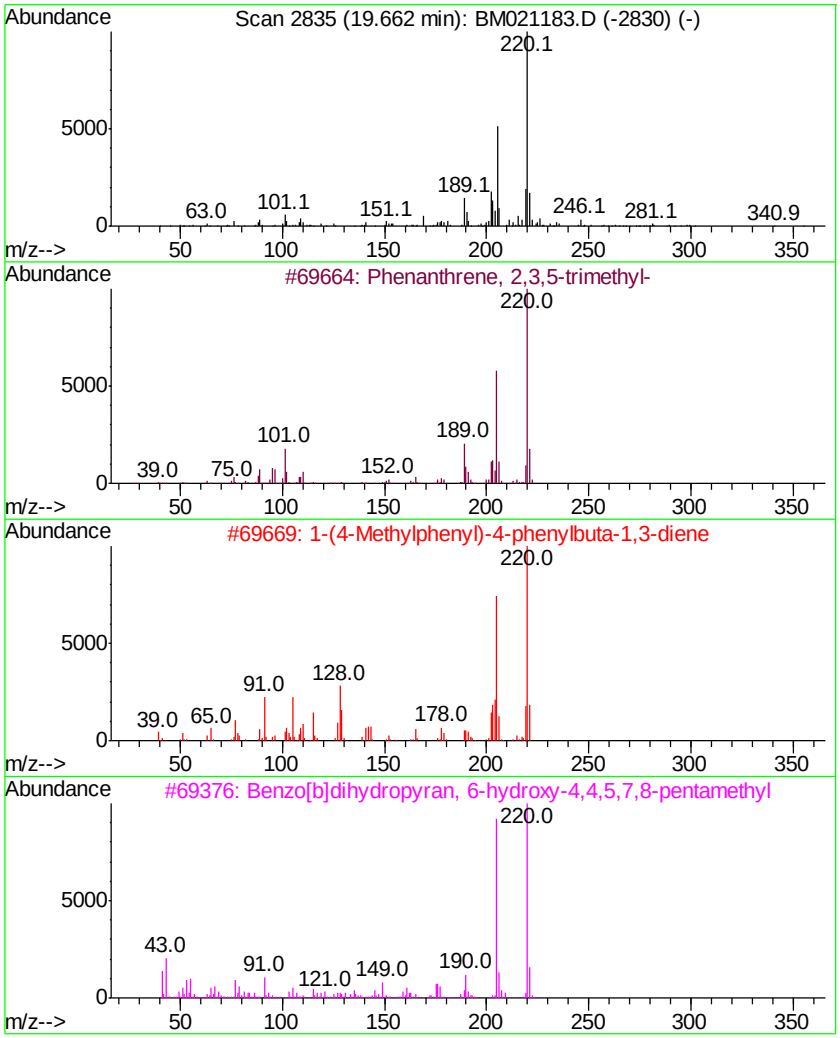
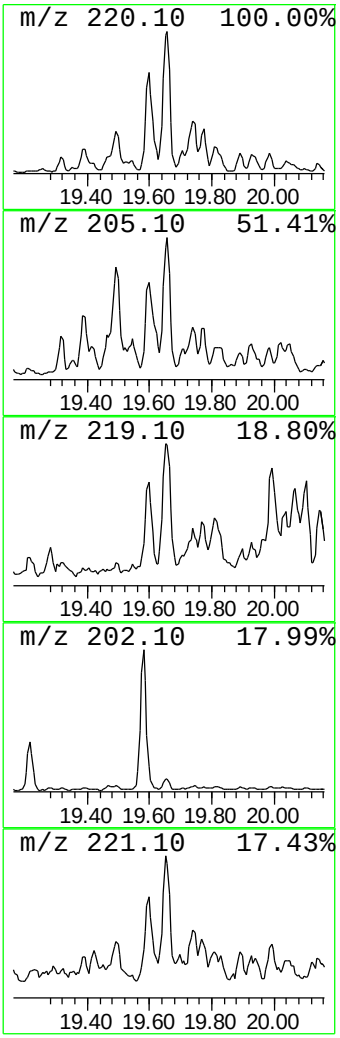
Peak Number 17 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	2.35 ng/ul	584165	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	91
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	87
3	Benzo[b]dihydropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	53
4	1-(Hydroxy-phenyl-methyl)-2-meth...	408	C27H36O3	108546-86-7	53
5	7-Nitro-6-methoxy-2,3-dimethylin...	220	C11H12N2O3	068289-71-4	53





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Data File : BM021183.D
Acq On : 26 Jun 2019 09:12
Operator : HP/JU
Sample : K3498-04DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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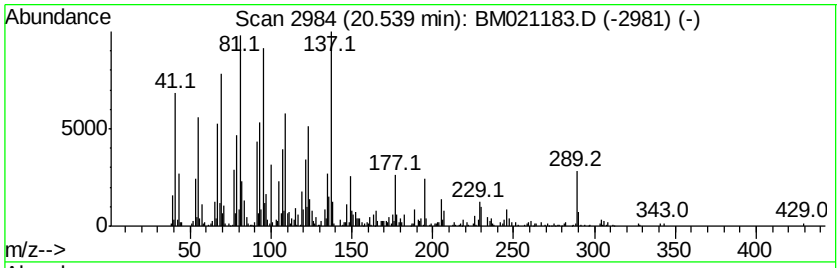
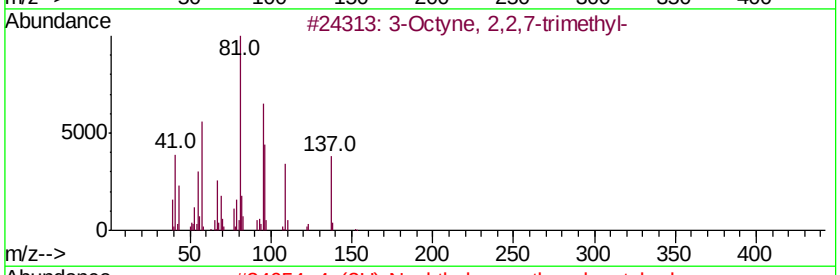
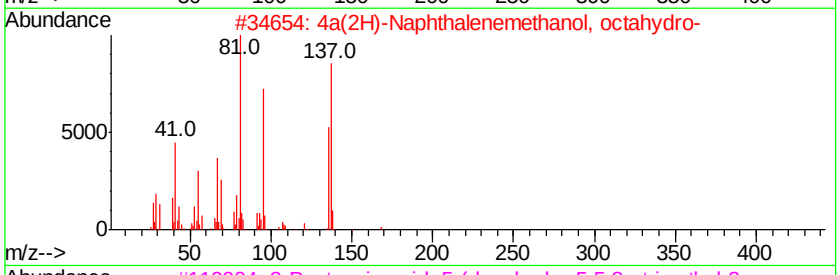
Peak Number 18 3-Octyne, 2,2,7-trimethyl- Concentration Rank 15

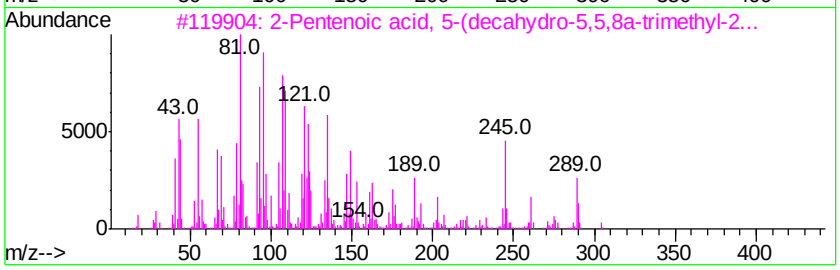
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.54	2.58 ng/ul	641614	Chrysene-d12	21.34

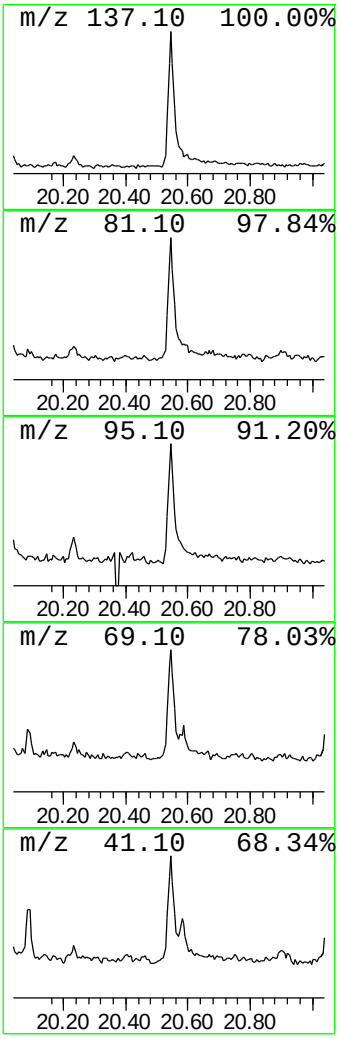
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octyne, 2,2,7-trimethyl-	152	C11H20	055402-13-6	64
2	4a(2H)-Naphthalenemethanol, octa...	168	C11H20O	099992-19-5	55
3	2-Pentenoic acid, 5-(decahydro-5...	304	C20H32O2	024470-48-2	50
4	Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	49
5	Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	46











Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021183.D
Acq On : 26 Jun 2019 09:12
Operator : HP/JU
Sample : K3498-04DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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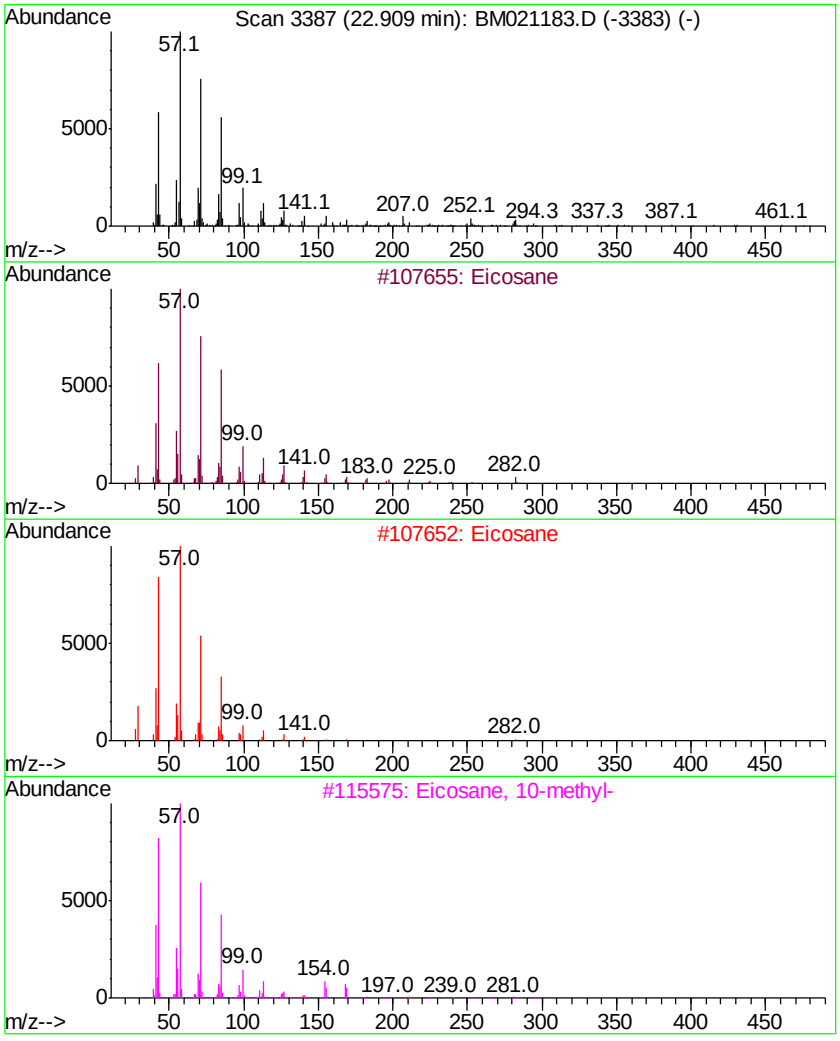
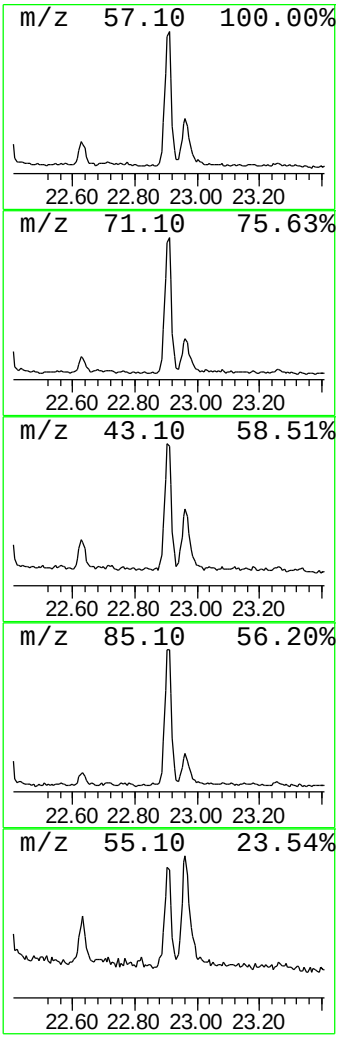
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.91	2.02 ng/ul	437157	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Eicosane	282	C20H42	000112-95-8	97
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
4	Heneicosane	296	C21H44	000629-94-7	93
5	Eicosane	282	C20H42	000112-95-8	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021183.D
Acq On : 26 Jun 2019 09:12
Operator : HP/JU
Sample : K3498-04DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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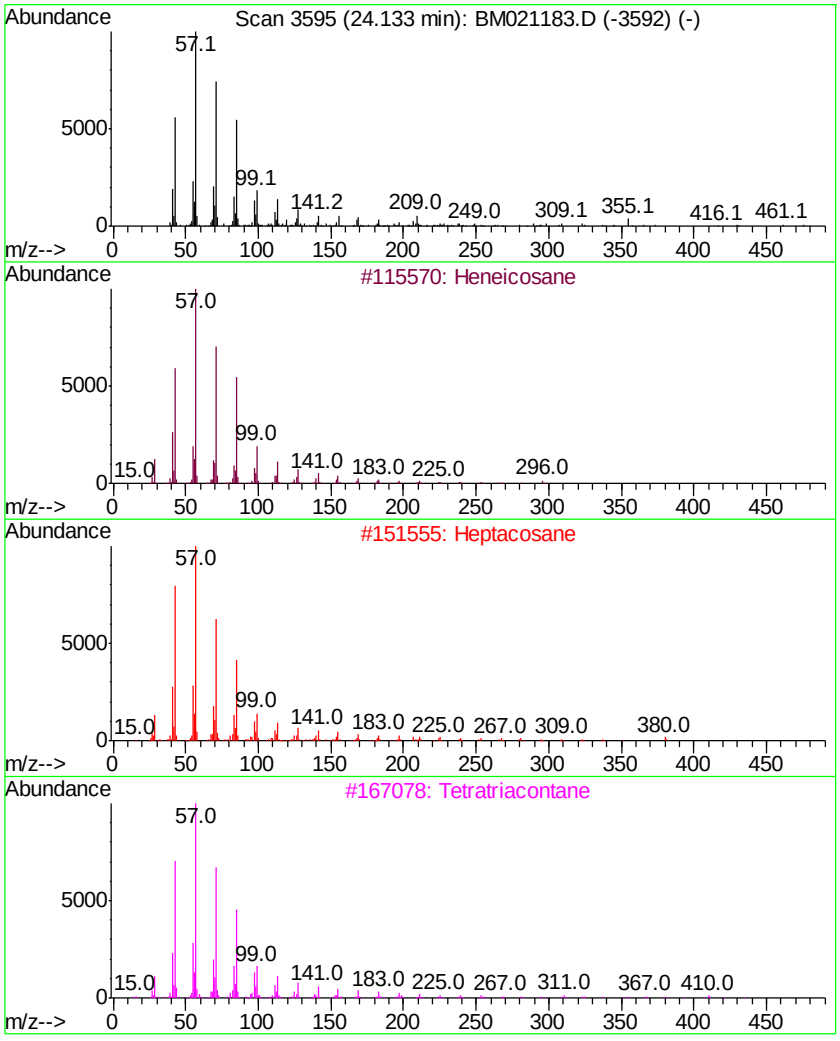
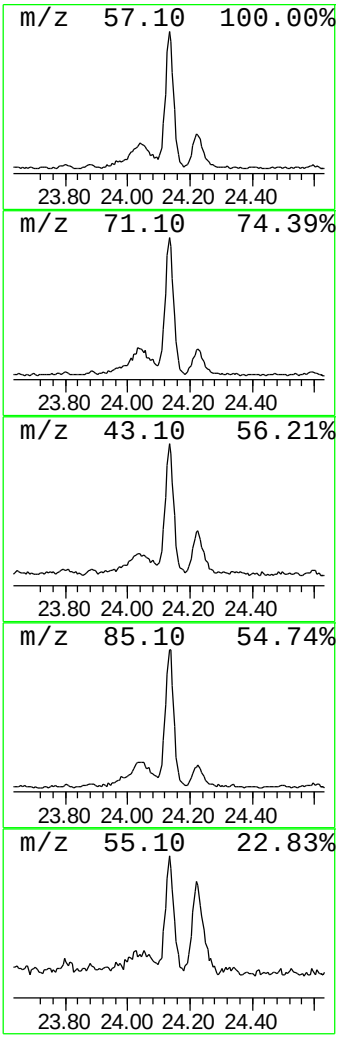
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	2.76 ng/ul	596858	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Tetratriacontane	479	C34H70	014167-59-0	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Tetracosane	338	C24H50	000646-31-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
Data File : BM021183.D
Acq On : 26 Jun 2019 09:12
Operator : HP/JU
Sample : K3498-04DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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
Butane, 2-methoxy...	3.02	11.2	ng/ul	758817	1	7.77	1350370	20.0
(DEL) Alkane: Str...	12.93	2.2	ng/ul	364441	3	14.41	3359610	20.0
(DEL) Alkane: Str...	13.22	2.5	ng/ul	421254	3	14.41	3359610	20.0
unknown-01	13.93	3.4	ng/ul	564215	3	14.41	3359610	20.0
unknown-02	14.23	5.6	ng/ul	943992	3	14.41	3359610	20.0
(DEL) Alkane: Str...	14.30	5.9	ng/ul	990691	3	14.41	3359610	20.0
(DEL) Alkane: Str...	14.92	3.6	ng/ul	599017	3	14.41	3359610	20.0
unknown-03	15.14	3.1	ng/ul	528287	3	14.41	3359610	20.0
(DEL) Alkane: Str...	15.25	5.4	ng/ul	906229	3	14.41	3359610	20.0
(DEL) Alkane: Str...	15.66	7.2	ng/ul	1209810	3	14.41	3359610	20.0
(DEL) Alkane: Str...	16.13	18.2	ng/ul	4052870	4	17.16	4453140	20.0
(DEL) Alkane: Str...	16.90	3.1	ng/ul	698035	4	17.16	4453140	20.0
(DEL) Alkane: Str...	16.96	4.4	ng/ul	983003	4	17.16	4453140	20.0
2-Bromo dodecane	17.56	2.2	ng/ul	490629	4	17.16	4453140	20.0
(DEL) Alkane: Str...	17.64	3.8	ng/ul	853536	4	17.16	4453140	20.0
(DEL) Alkane: Str...	18.34	3.1	ng/ul	693600	4	17.16	4453140	20.0
Phenanthrene, 2,3...	19.66	2.4	ng/ul	584165	5	21.34	4968180	20.0
3-Octyne, 2,2,7-t...	20.54	2.6	ng/ul	641614	5	21.34	4968180	20.0
(DEL) Alkane: Str...	22.91	2.0	ng/ul	437157	6	23.62	4320010	20.0
(DEL) Alkane: Str...	24.13	2.8	ng/ul	596858	6	23.62	4320010	20.0