LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013774.D
Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.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	6.781	638	645	657	rVB	508811	884669	10.47%	0.820%
2	6.945	663	673	684	rBV	397729	643997	7.62%	0.597%
3	7.133	699	705	716	rVB	563295	903292	10.69%	0.838%
4	7.598	774	784	791	rBV	572622	943845	11.17%	0.875%
5	8.310	900	905	916	rVB	559228	916152	10.84%	0.849%
6	8.751	974	980	987	rBV	539827	950628	11.25%	0.881%
7	8.810	987	990	994	rVB	158990	208965	2.47%	0.194%
8	8.939	1007	1012	1017	rVB8	64913	130739	1.55%	0.121%
9	9.286	1066	1071	1078	rVB8	52133	109038	1.29%	0.101%
10	9.469	1093	1102	1111	rBV4	506475	1092192	12.92%	1.013%
11	9.551	1111	1116	1124	rVV10	86704	209532	2.48%	0.194%
12	9.651	1125	1133	1137	rVB6	45262	108788	1.29%	0.101%
13	9.792	1150	1157	1167	rBV9	78545	278206	3.29%	0.258%
14	10.004	1187	1193	1201	rVB	638228	1093845	12.94%	1.014%
15	10.369	1245	1255	1261	rBV2	826863	1962304	23.22%	1.819%
16	10.422	1261	1264	1271	rVB2	148107	271921	3.22%	0.252%
17	10.527	1271	1282	1290	rBV2	612675	1402639	16.60%	1.301%
18	10.669	1300	1306	1313	rVB7	65958	128258	1.52%	0.119%
19	10.751	1313	1320	1326	rBV7	81047	190908	2.26%	0.177%
20	11.069	1364	1374	1378	rVV7	175555	424924	5.03%	0.394%
21	11.133	1382	1385	1391	rVV6	62317	124813	1.48%	0.116%
22	11.210	1392	1398	1404	rVB6	73622	147701	1.75%	0.137%
23	11.286	1404	1411	1418	rBV8	106962	252065	2.98%	0.234%
24	11.398	1424	1430	1434	rBV	743363	1178783	13.95%	1.093%
25	11.645	1467	1472	1477	rBV8	57347	120101	1.42%	0.111%
26	11.704	1477	1482	1489	rVB2	117604	197713	2.34%	0.183%
27	11.804	1491	1499	1505	rBV2	530271	911808	10.79%	0.845%
28	12.045	1534	1540	1546	rVB	1099632	1778394	21.04%	1.649%
29	12.263	1570	1577	1586	rVV	629551	1096852	12.98%	1.017%
30	12.504	1614	1618	1625	rVB	191362	332015	3.93%	0.308%
31	12.633	1636	1640	1651	rVB7	119168	344619	4.08%	0.320%
32	12.721	1651	1655	1659	rBV5	116925	225114	2.66%	0.209%
33	12.774	1659	1664	1669	rVV	800260	1095904	12.97%	1.016%
34	12.821	1669	1672	1680	rVB8	99372	205603	2.43%	0.191%

LSC Area Percent Report

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Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Title : SVOA CALIBRATION

35	13.010	1697	1704	1707	rBV7	109150	222059	2.63%	0.206%
36	13.068	1710	1714	1721	rVB3	632270	961078	11.37%	0.891%
37	13.274	1745	1749	1751	rBV	128400	169852	2.01%	0.157%
38	13.404	1767	1771	1773	rBV2	207826	306641	3.63%	0.284%
39	13.562	1793	1798	1803	rBV	382252	654723	7.75%	0.607%
40	13.621	1803	1808	1810	rVV	268275	409974	4.85%	0.380%
41	13.662	1810	1815	1820	rVV	1286904	1994462	23.60%	1.849%
42	13.733	1820	1827	1831	rVB3	990315	1673817	19.81%	1.552%
43	13.939	1857	1862	1867	rBV	1403931	2002893	23.70%	1.857%
44	14.068	1880	1884	1892	rVB4	192070	360014	4.26%	0.334%
45	14.157	1893	1899	1903	rBV	661283	874371	10.35%	0.811%
46	14.239	1904	1913	1920	rVV3	1435423	3489288	41.29%	3.235%
47	14.315	1920	1926	1935	rVV	1576204	2574540	30.47%	2.387%
48	14.392	1935	1939	1944	rVV2	260797	427608	5.06%	0.396%
49	14.480	1948	1954	1961	rVB4	470240	915516	10.83%	0.849%
50	14.651	1978	1983	1989	rVB	1352415	1996587	23.63%	1.851%
51	14.733	1993	1997	2000	rVB	123344	170034	2.01%	0.158%
52	14.780	2001	2005	2010	rVB3	321556	460984	5.45%	0.427%
53	14.874	2018	2021	2027	rBV6	106923	158166	1.87%	0.147%
54	15.033	2042	2048	2053	rBV7	209285	464186	5.49%	0.430%
55	15.115	2058	2062	2066	rVB	577759	747925	8.85%	0.693%
56	15.251	2080	2085	2089	rVB	1664110	2360460	27.93%	2.189%
57	15.304	2089	2094	2099	rBV	1674998	2389103	28.27%	2.215%
58	15.392	2105	2109	2113	rBV	403951	566208	6.70%	0.525%
59	15.468	2118	2122	2125	rBV3	178280	226033	2.67%	0.210%
60	15.521	2126	2131	2135	rBV	671749	971306	11.49%	0.901%
61	15.621	2141	2148	2153	rVB2	930703	1656401	19.60%	1.536%
62	15.668	2154	2156	2160	rVV5	74023	119810	1.42%	0.111%
63	15.721	2160	2165	2176	rVB3	1179341	2110530	24.97%	1.957%
64	15.815	2177	2181	2188	rBV9	128095	283388	3.35%	0.263%
65	16.003	2204	2213	2217	rBV	1864483	3641462	43.09%	3.376%
66	16.045	2217	2220	2225	rVB	631389	812255	9.61%	0.753%
67	16.315	2263	2266	2270	rVB3	230397	284406	3.37%	0.264%
68	16.768	2340	2343	2348	rVB2	528311	654327	7.74%	0.607%
69	16.821	2348	2352	2363	rVB	1139245	1732458	20.50%	1.606%
70	16.915	2364	2368	2374	rBV3	228300	327590	3.88%	0.304%
71	17.003	2378	2383	2386	rBV	1351295	1990718	23.56%	1.846%

LSC Area Percent Report

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Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Title : SVOA CALIBRATION

72	17.050	2386	2391	2395	rVV	5849238	8450748	100.00%	7.836%
73	17.103	2395	2400	2403	rVV	1873855	2669433	31.59%	2.475%
74	17.139	2403	2406	2411	rVB	968497	1324372	15.67%	1.228%
75	17.233	2418	2422	2426	rVB2	275603	411127	4.86%	0.381%
76	17.427	2451	2455	2464	rVB5	277848	537849	6.36%	0.499%
77	17.509	2465	2469	2475	rBV2	611565	796876	9.43%	0.739%
78	17.880	2528	2532	2534	rBV	323804	427512	5.06%	0.396%
79	17.927	2536	2540	2546	rVB	535720	889165	10.52%	0.824%
80	18.074	2560	2565	2569	rBV2	692525	1083202	12.82%	1.004%
81	18.203	2583	2587	2592	rBV	599541	716800	8.48%	0.665%
82	18.386	2614	2618	2622	rBV2	351480	448622	5.31%	0.416%
83	18.844	2692	2696	2699	rBV	578858	650057	7.69%	0.603%
84	19.068	2729	2734	2740	rVV	4227840	5576421	65.99%	5.171%
85	19.127	2741	2744	2748	rVB3	395859	479841	5.68%	0.445%
86	19.403	2786	2791	2794	rBV2	2760499	4303702	50.93%	3.990%
87	19.433	2794	2796	2805	rVB	2931413	3598062	42.58%	3.336%
88	19.939	2878	2882	2884	rBV2	268155	366851	4.34%	0.340%
89	19.962	2884	2886	2891	rVB	575600	594122	7.03%	0.551%
90	20.033	2895	2898	2902	rVB	342034	428796	5.07%	0.398%
91	20.462	2967	2971	2974	rBV	502758	534562	6.33%	0.496%
92	20.927	3046	3050	3055	rVB	786755	937736	11.10%	0.869%
93	21.203	3091	3097	3101	rBV2	1757309	2942081	34.81%	2.728%
94	21.238	3101	3103	3111	rVB	556877	676649	8.01%	0.627%
95	21.362	3121	3124	3129	rVB	448205	485723	5.75%	0.450%
96	21.791	3194	3197	3206	rVB2	346548	486840	5.76%	0.451%
97	22.238	3271	3273	3278	rVB	241258	290003	3.43%	0.269%
98	22.738	3355	3358	3363	rBV2	273001	397014	4.70%	0.368%
99	23.262	3441	3447	3458	rVB2	1632221	3394492	40.17%	3.147%
100	23.397	3465	3470	3477	rVB	1092234	1923053	22.76%	1.783%

Sum of corrected areas: 107849211

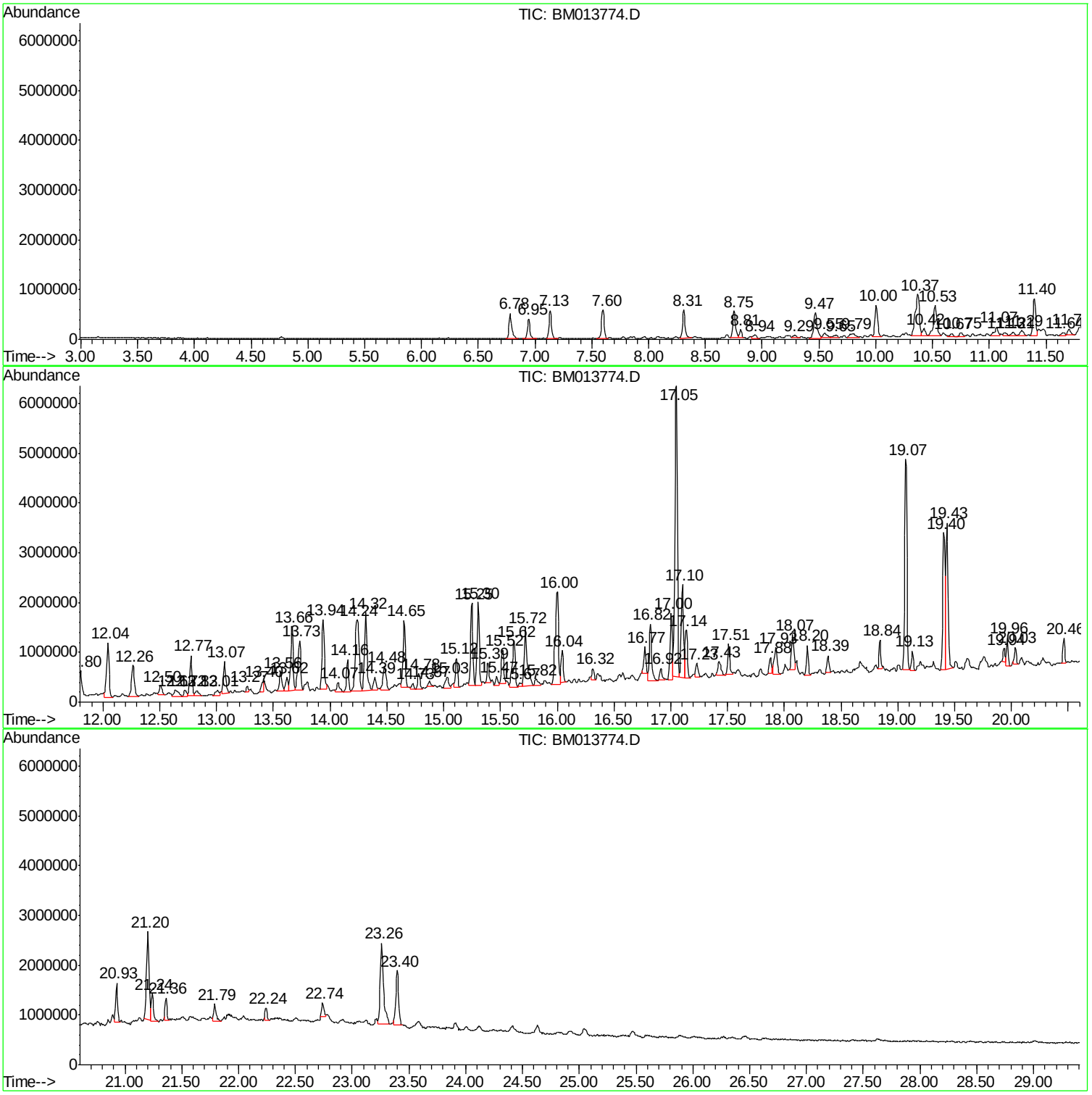
LSC Report - Integrated Chromatogram

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013774.D
Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013774.D
Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

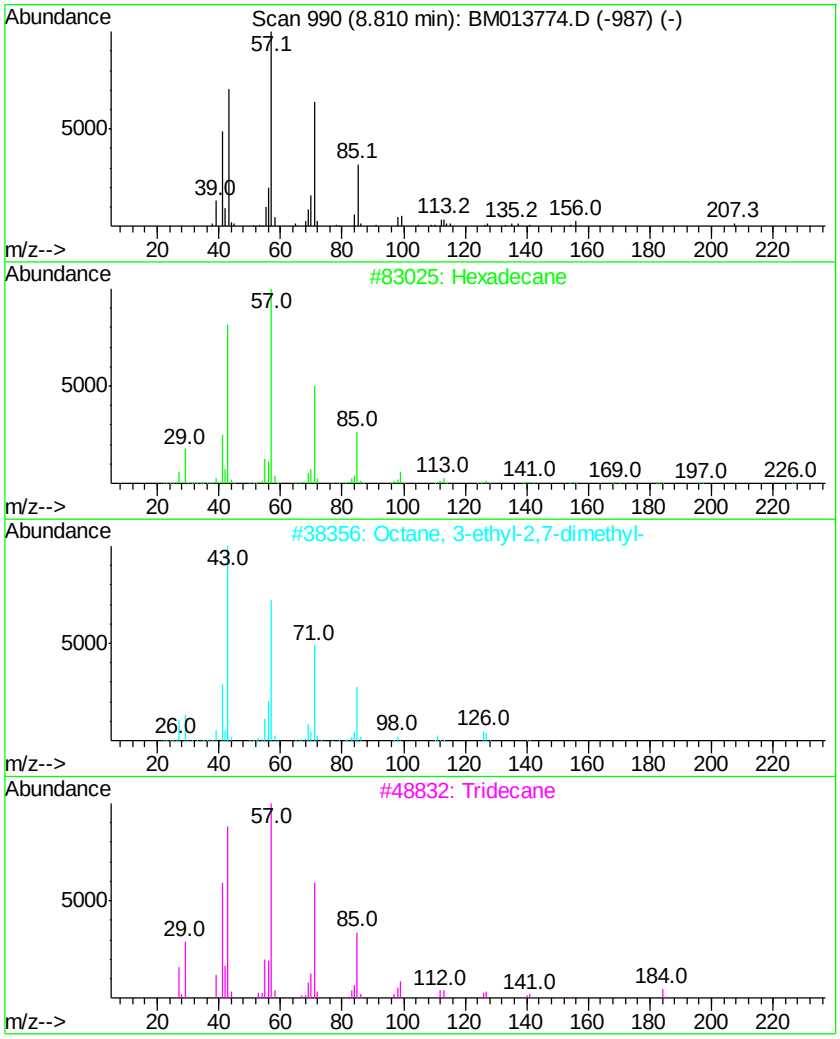
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

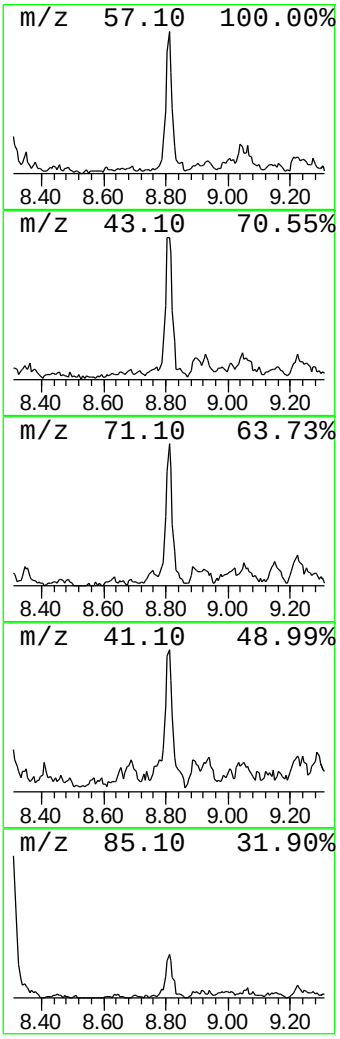
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	4.43 ng/ul	208965	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	72
3	Tridecane	184	C13H28	000629-50-5	64
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013774.D
Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

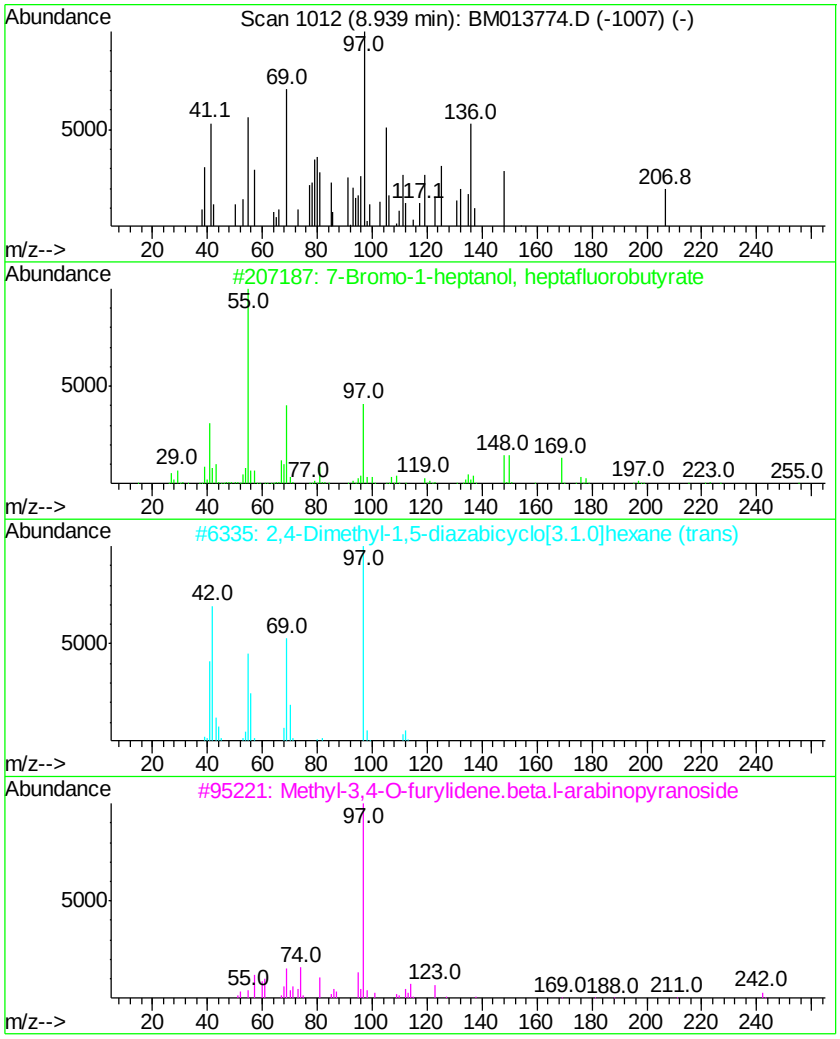
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

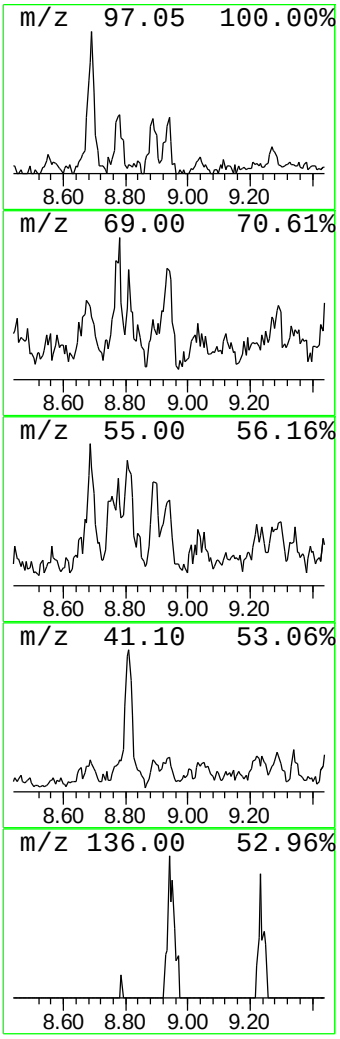
****

Peak Number 2 unknown-01 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	2.77 ng/ul	130739	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Bromo-1-heptanol, heptafluorob...	390	C11H14BrF7O2	1000365-43-3	27
2	2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	1000283-20-9	14
3	Methyl-3,4-O-furylidene.beta.l-a...	242	C11H14O6	053547-58-3	14
4	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	12
5	7-Bromo-1-heptanol, chlorodifluo...	306	C9H14BrClF2O2	1000376-26-3	12





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013774.D
Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
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Instrument : BNA_M
ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

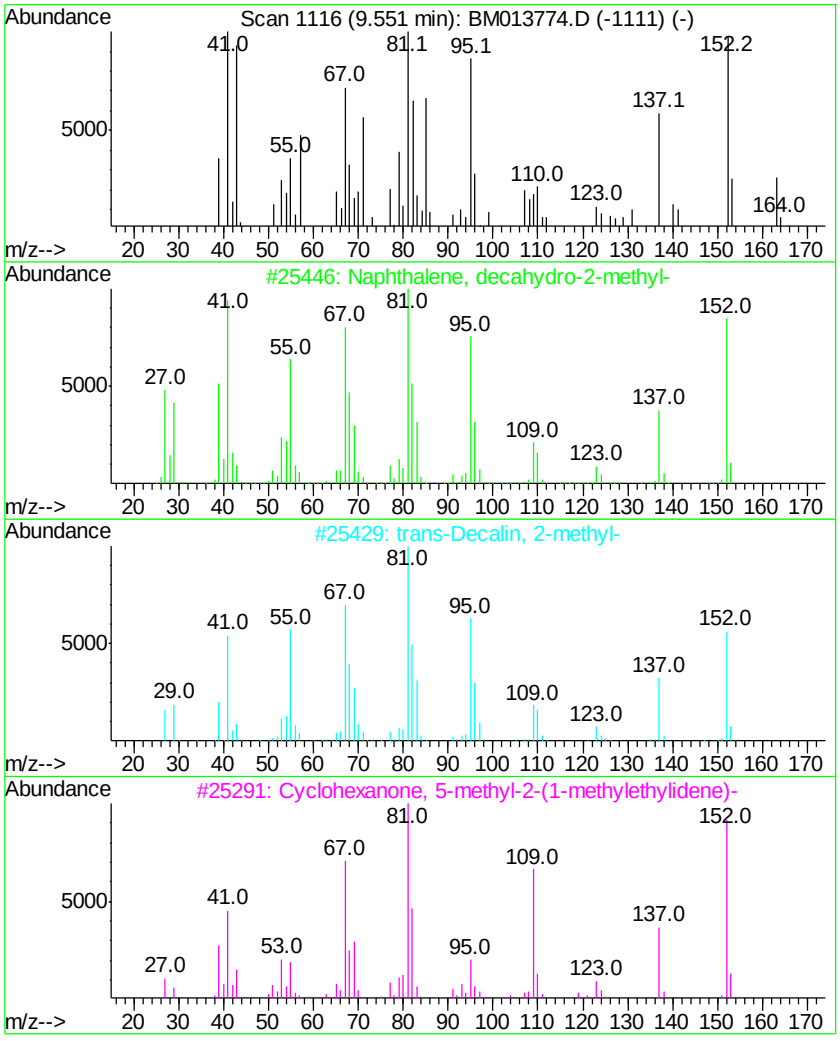
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

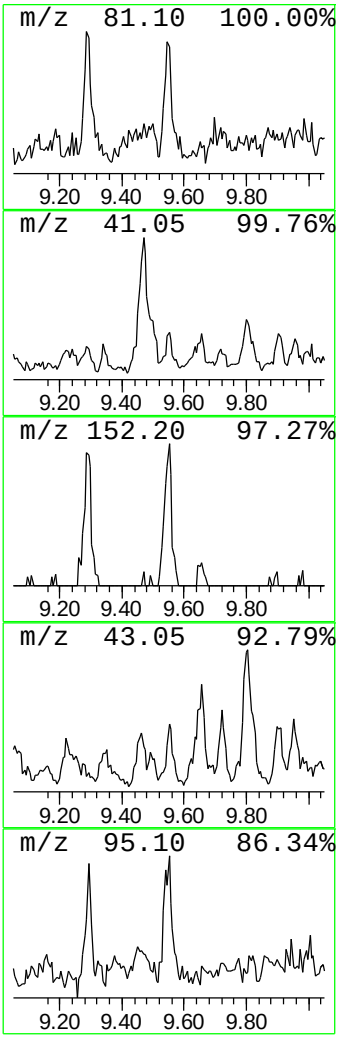
****

Peak Number 3 Naphthalene, decahydro-2-me... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	2.14 ng/ul	209532	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	86
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	68
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	50
4	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	43
5	Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	38





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013774.D
Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

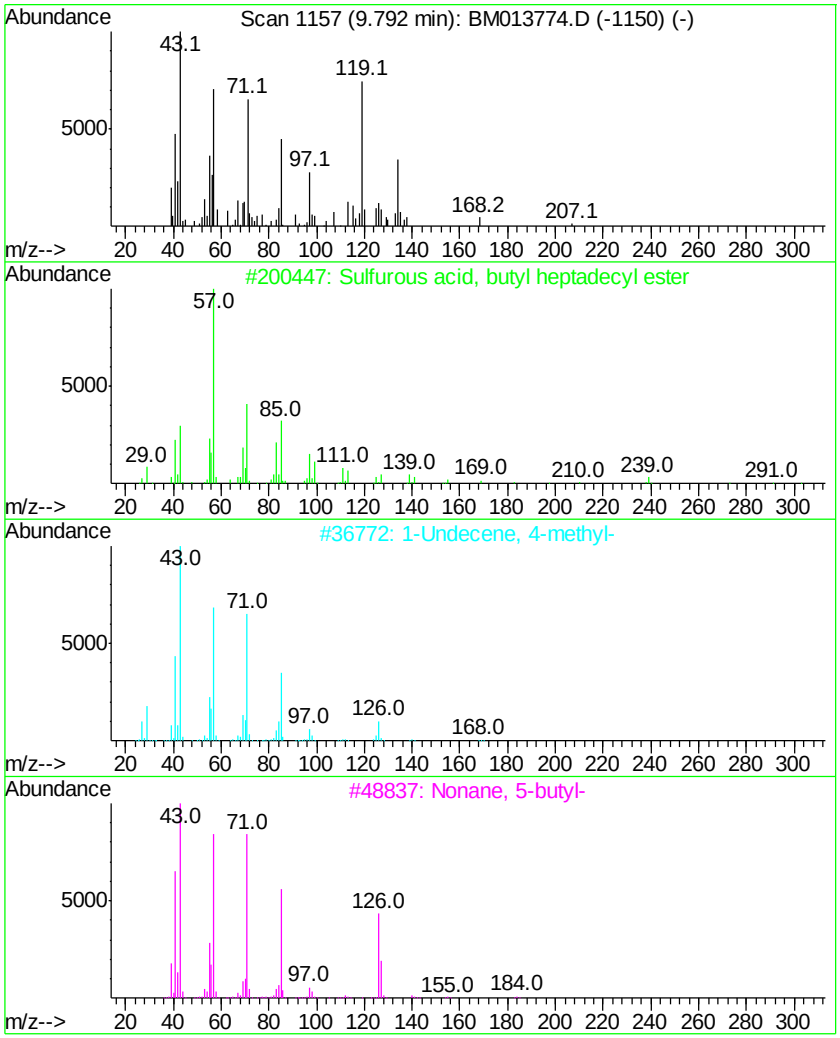
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

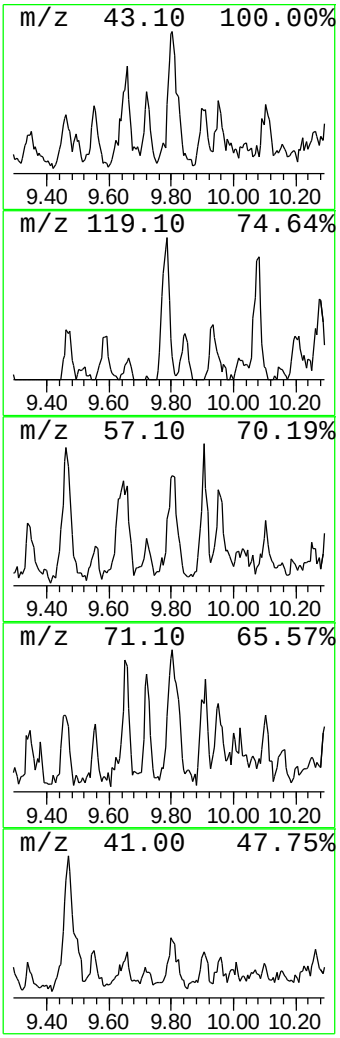
****

Peak Number 4 unknown-02 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	2.84 ng/ul	278206	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	43
2	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	35
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	27
4	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	27
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	25





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013774.D
Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

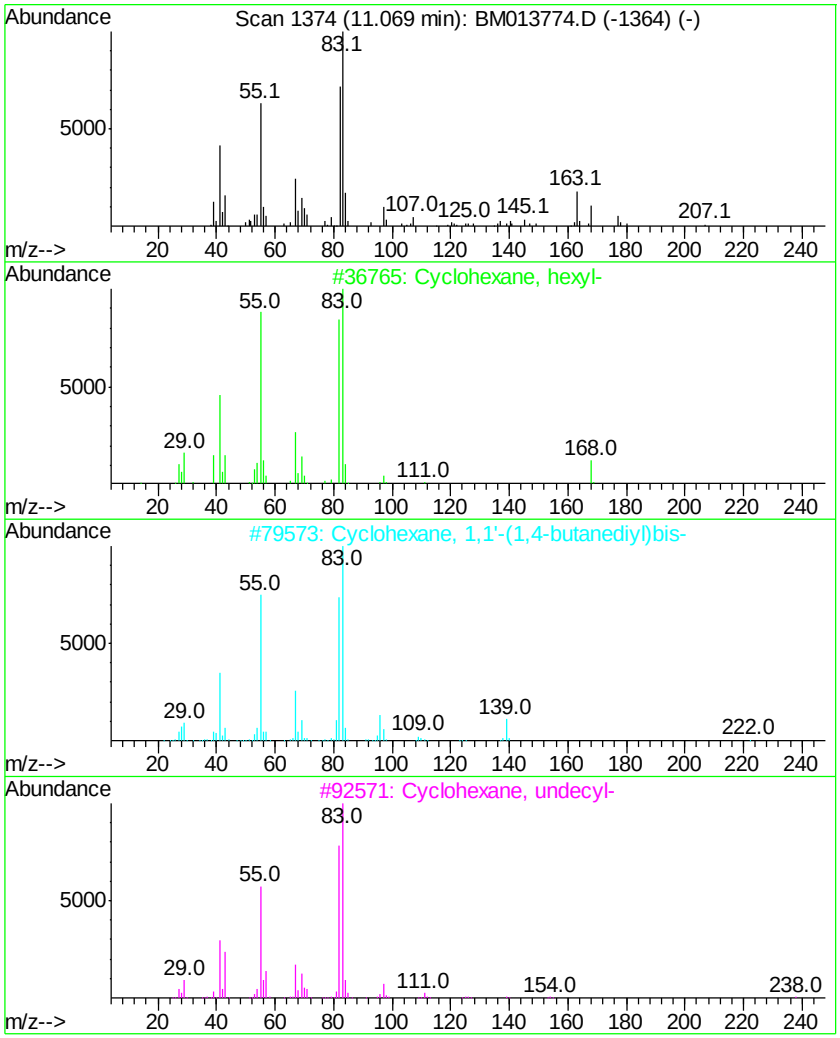
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

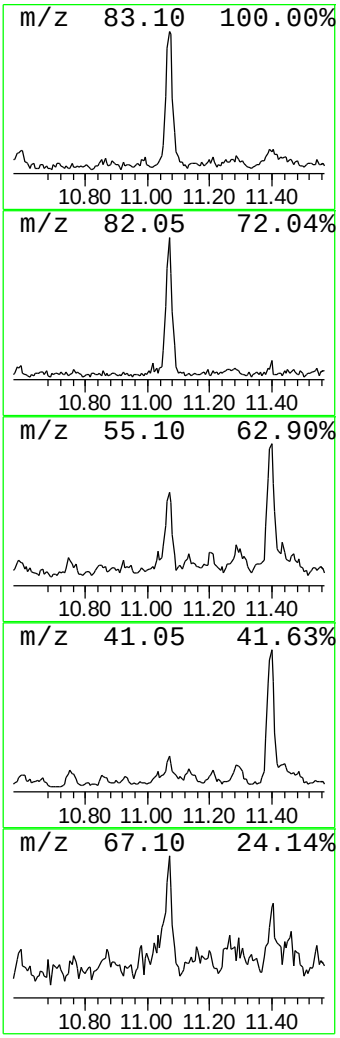
****

Peak Number 5 (DEL) Alkane: Cyclic11.07 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	4.33 ng/ul	424924	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	80
2	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	64
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	64
4	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	64
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	64





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Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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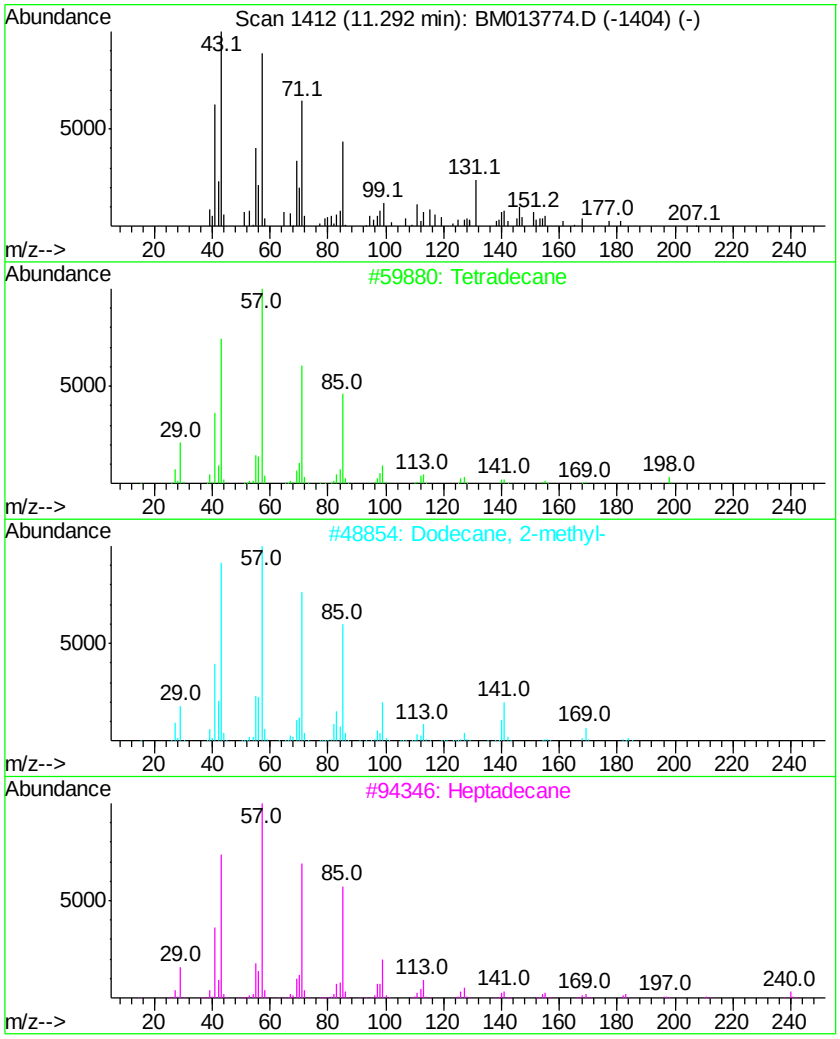
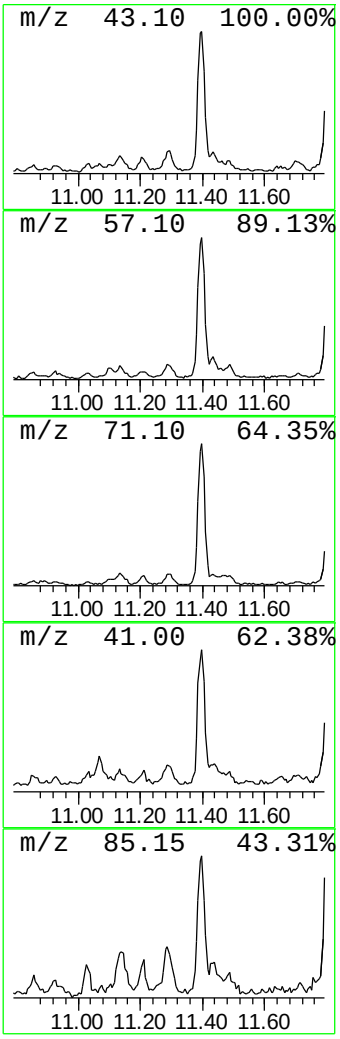
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	2.57 ng/ul	252065	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	53
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	53
3	Heptadecane	240	C17H36	000629-78-7	53
4	Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	53
5	10-Methylnonadecane	282	C20H42	056862-62-5	53





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Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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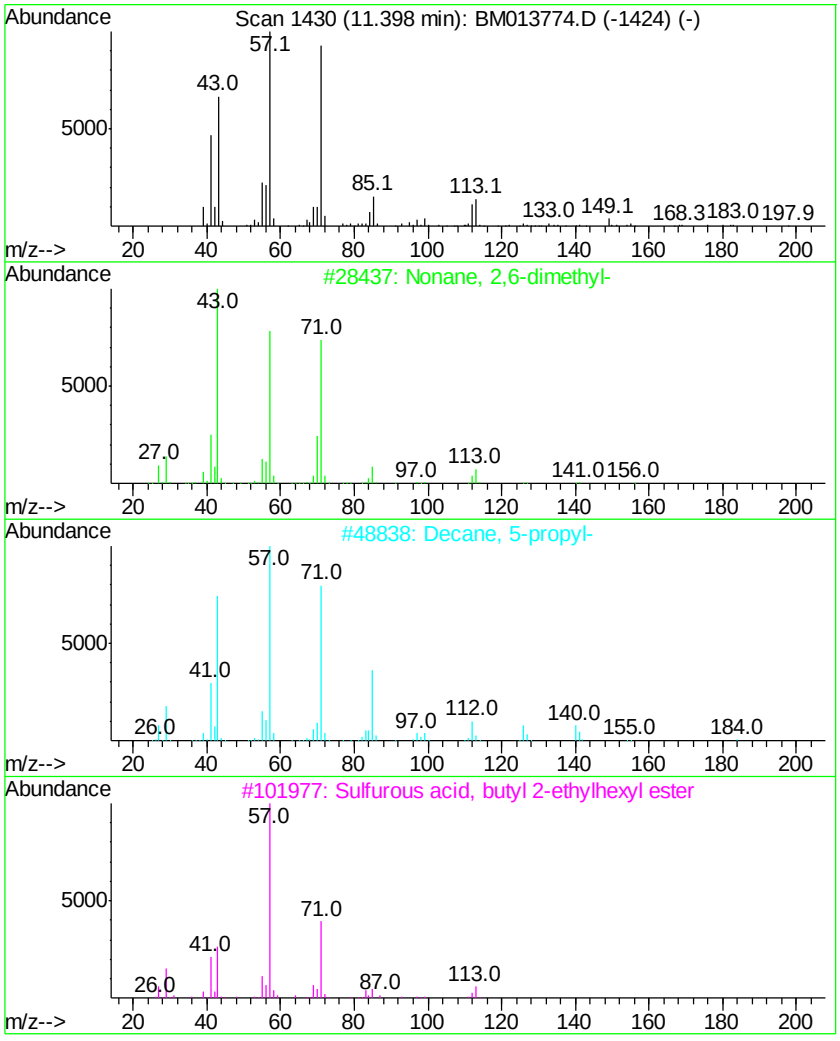
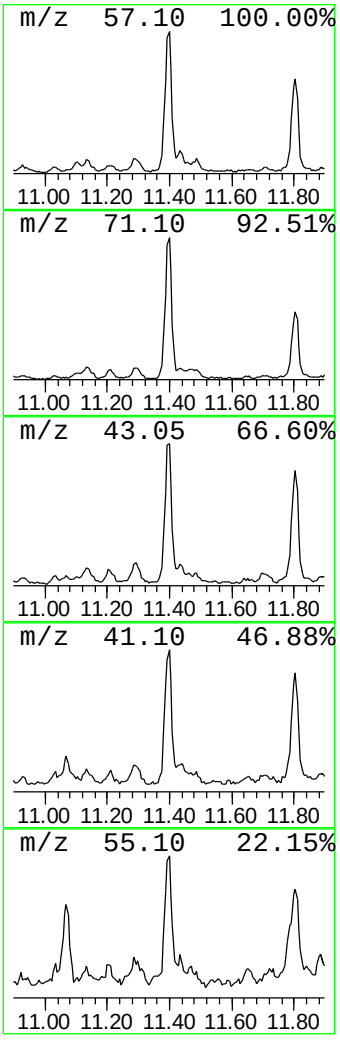
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	12.01 ng/ul	1178780	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	90
2	Decane, 5-propyl-	184	C13H28	017312-62-8	64
3	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	59
4	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59
5	Oxalic acid, 2-ethylhexyl isobut...	258	C14H26O4	1000309-38-5	59





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Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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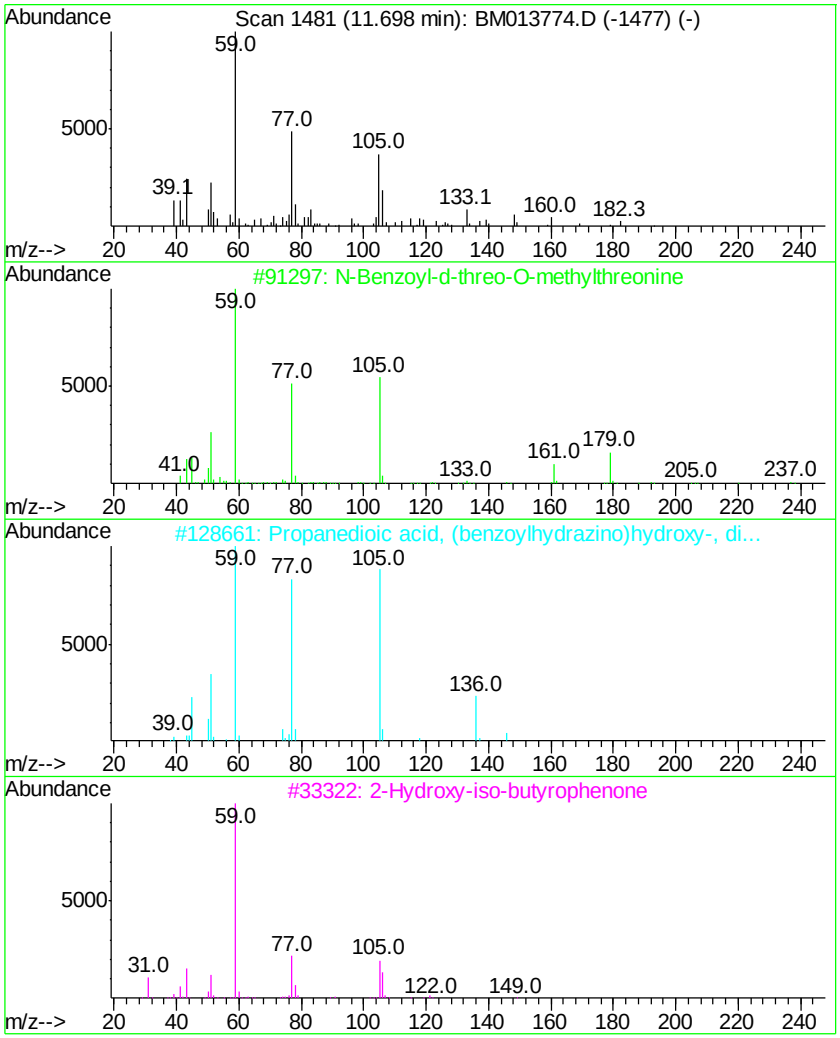
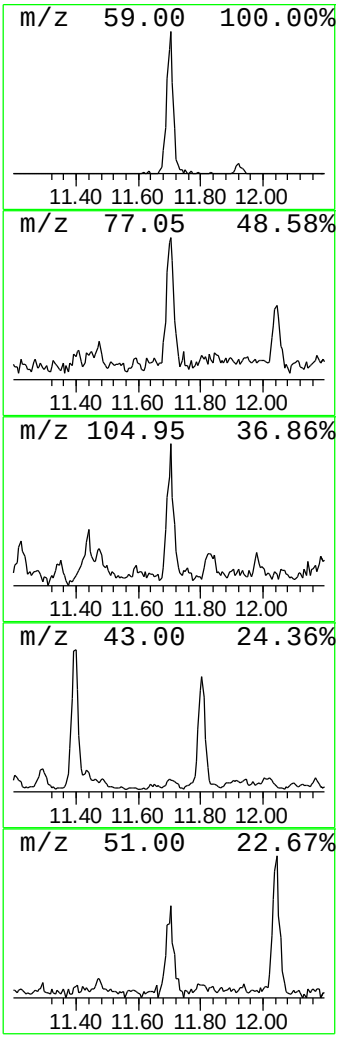
Peak Number 8 N-Benzoyl-d-threo-O-methylt... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	2.02 ng/ul	197713	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Benzoyl-d-threo-O-methylthreonine	237	C12H15NO4	131644-54-7	59
2	Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	37
3	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	35
4	2-Methyl-2-nonanol	158	C10H22O	010297-57-1	27
5	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	27





Library Search Compound Report

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Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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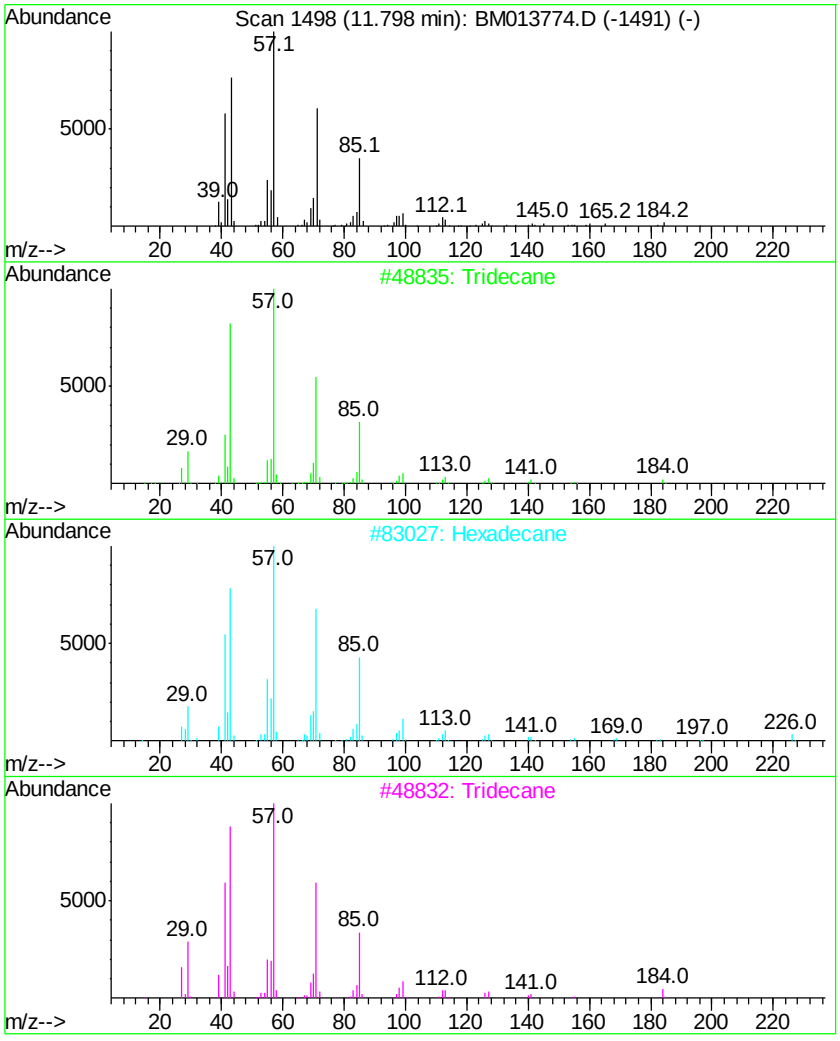
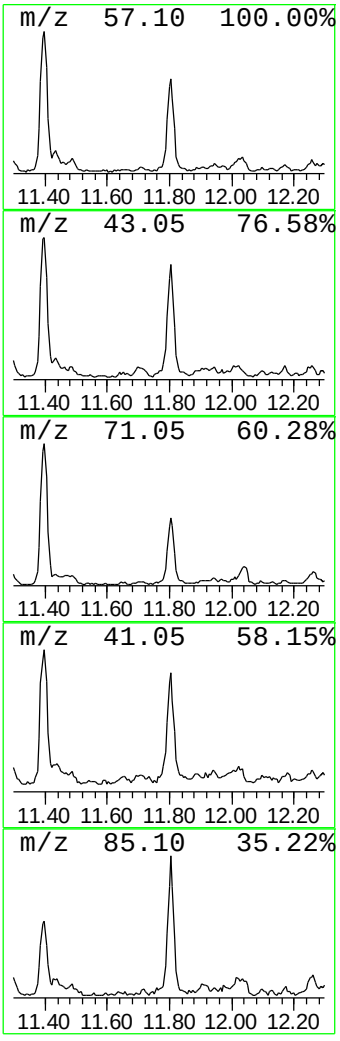
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	9.29 ng/ul	911808	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	97
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tridecane	184	C13H28	000629-50-5	87
4	Tridecane	184	C13H28	000629-50-5	86
5	Tetradecane	198	C14H30	000629-59-4	86





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Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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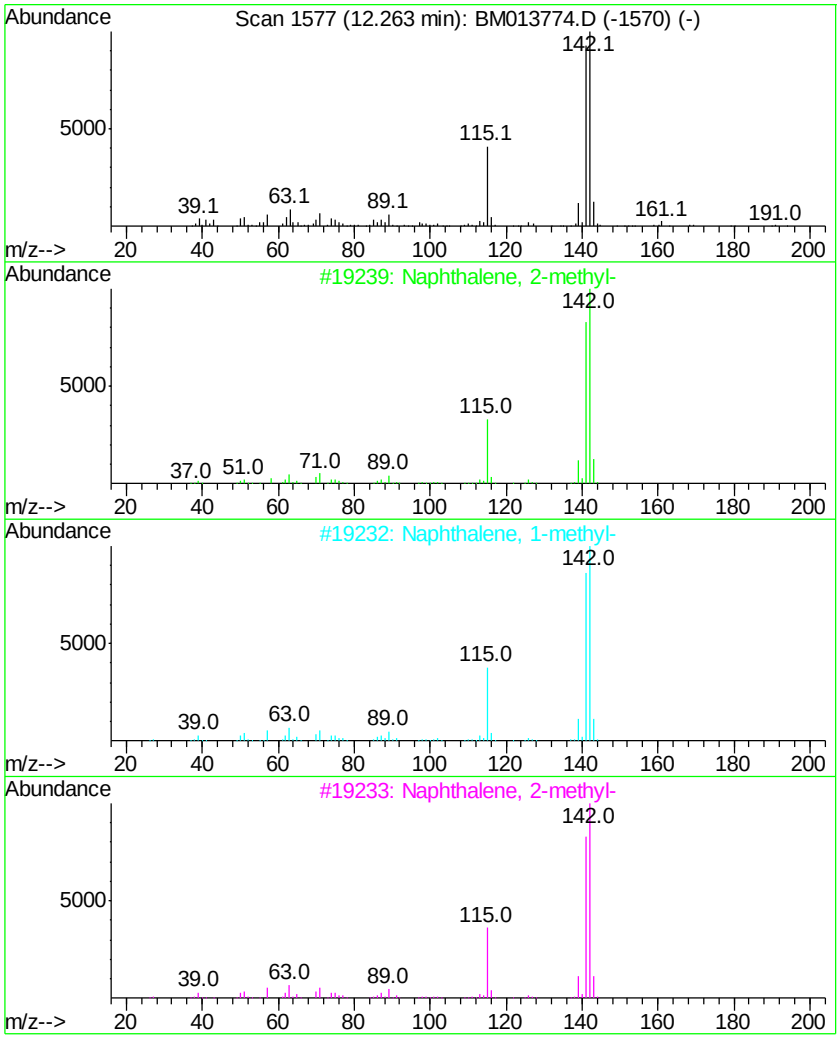
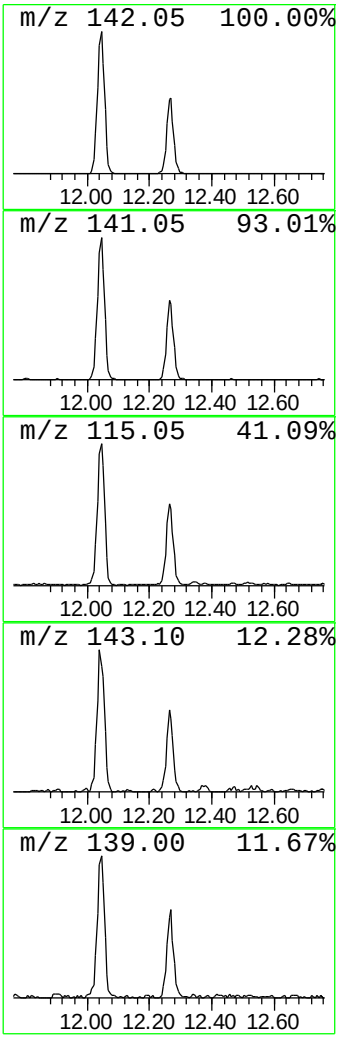
Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	11.18 ng/ul	1096850	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





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Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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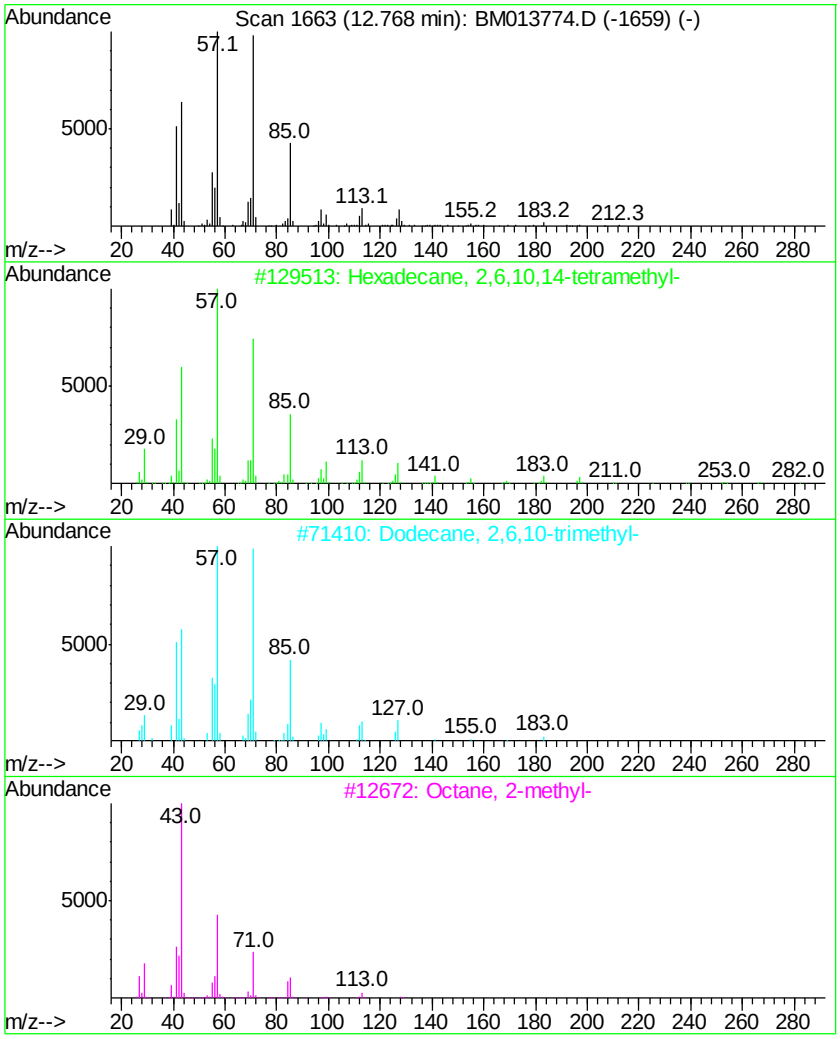
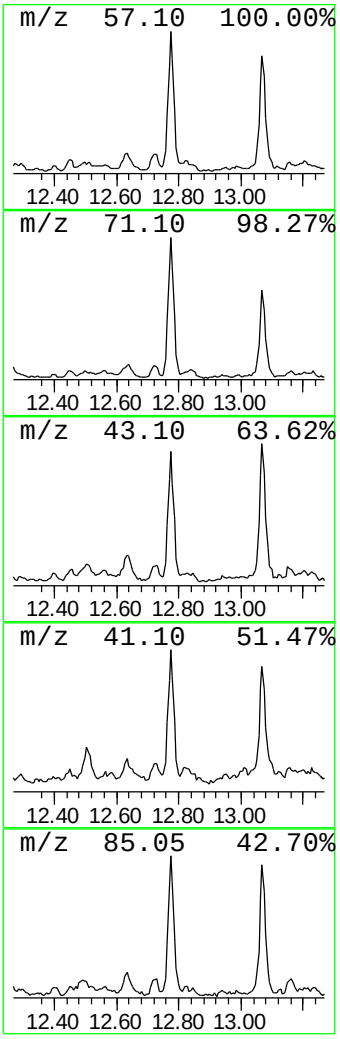
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	6.28 ng/ul	1095900	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Octane, 2-methyl-	128	C9H20	003221-61-2	87
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
5	Decane, 5-propyl-	184	C13H28	017312-62-8	80





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Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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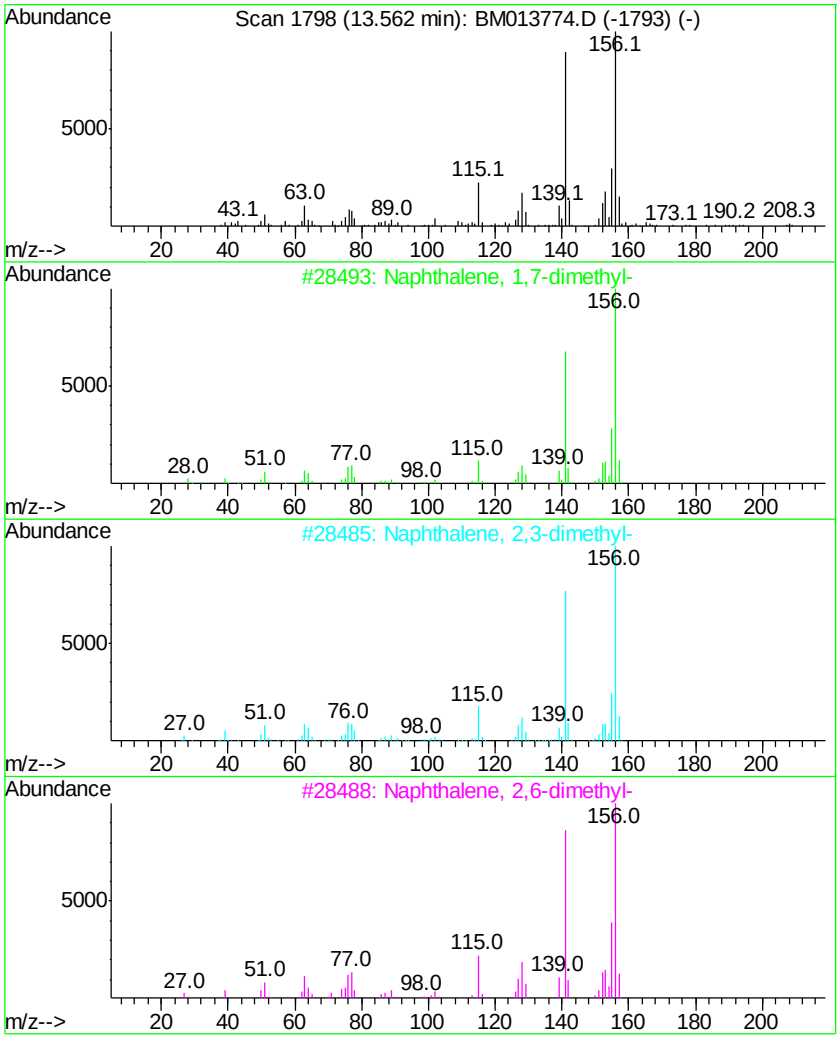
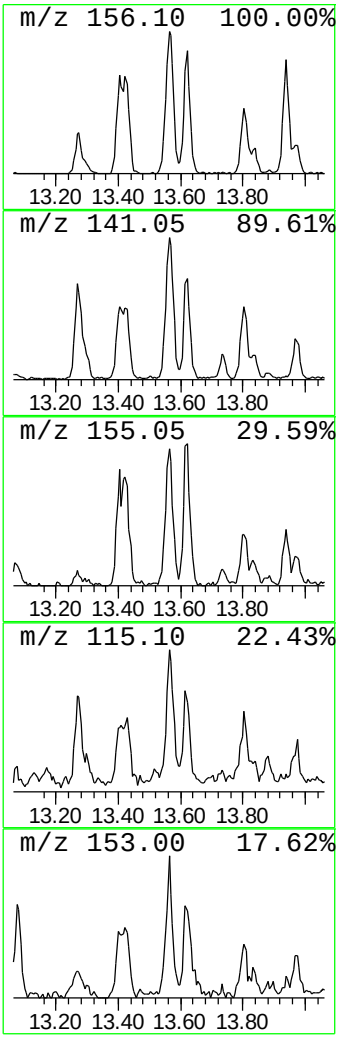
Peak Number 12 Naphthalene, 1,7-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	3.75 ng/ul	654723	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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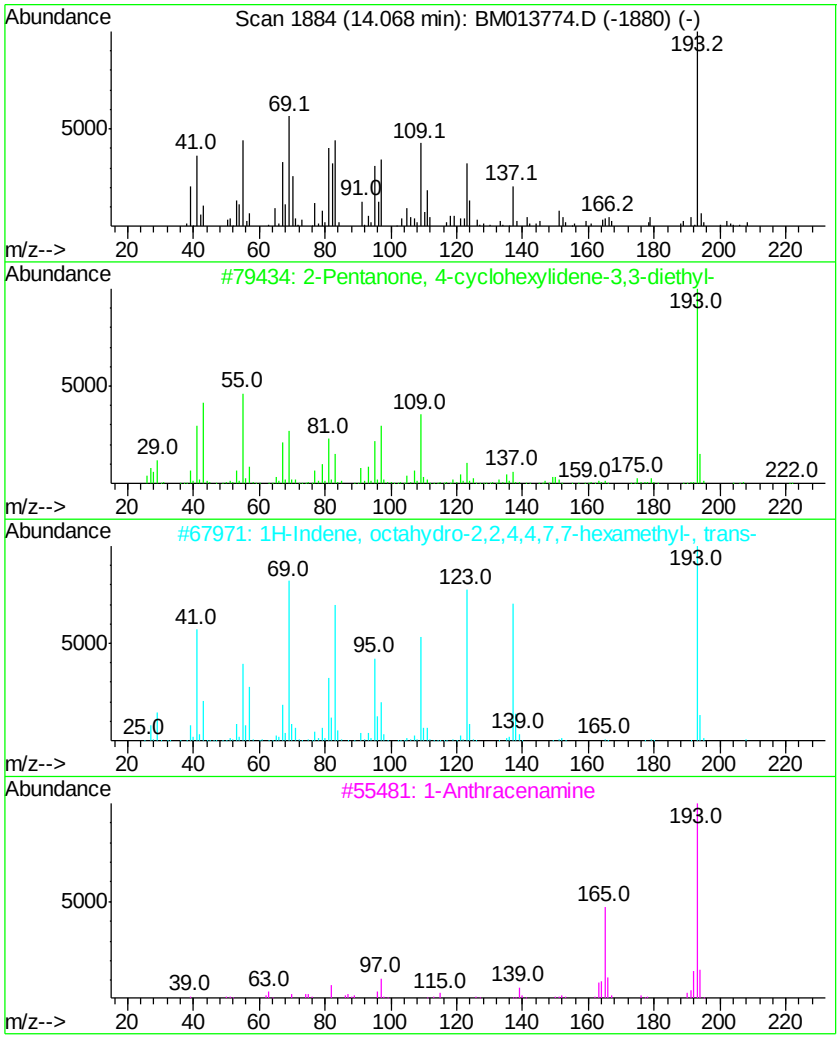
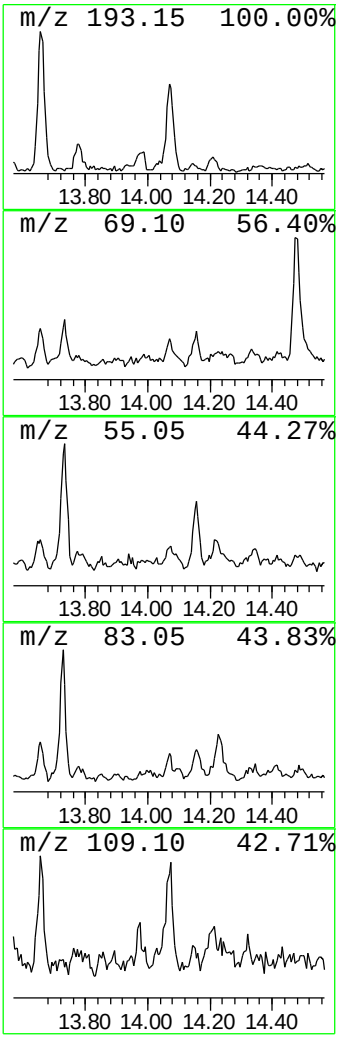
Peak Number 13 unknown-03 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	2.06 ng/ul	360014	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	42
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	32
3	1-Anthracenamine	193	C14H11N	000610-49-1	22
4	2-Anthracenamine	193	C14H11N	000613-13-8	22
5	S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	17





Library Search Compound Report

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Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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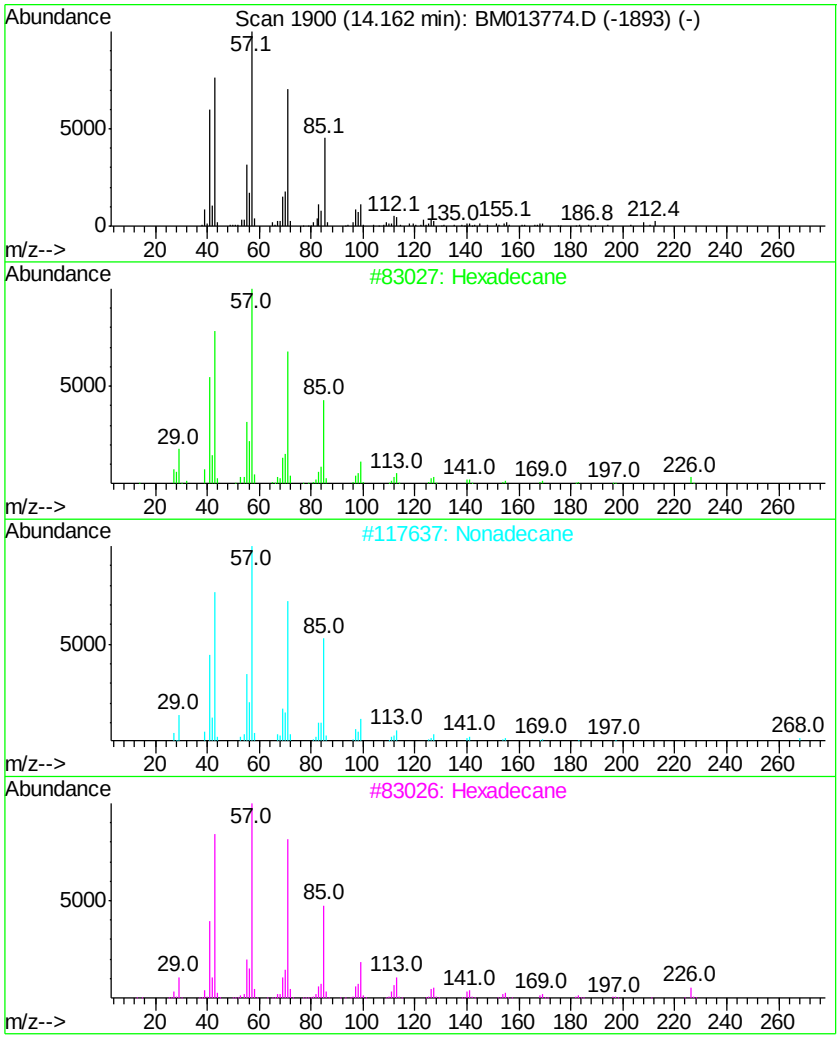
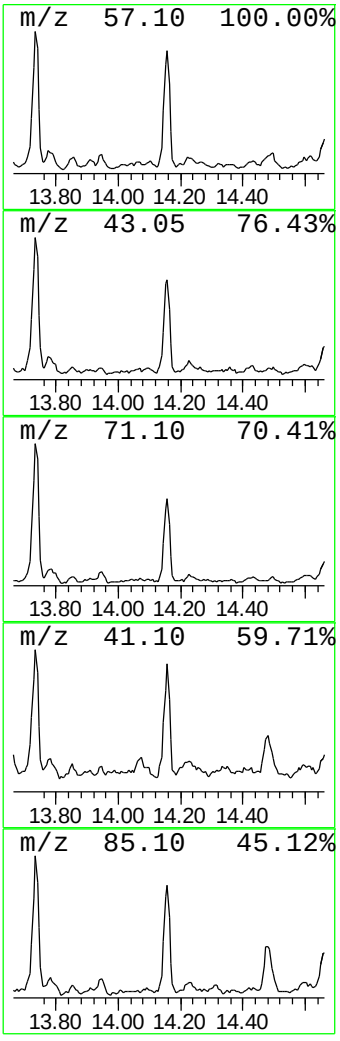
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	5.01 ng/ul	874371	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90





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Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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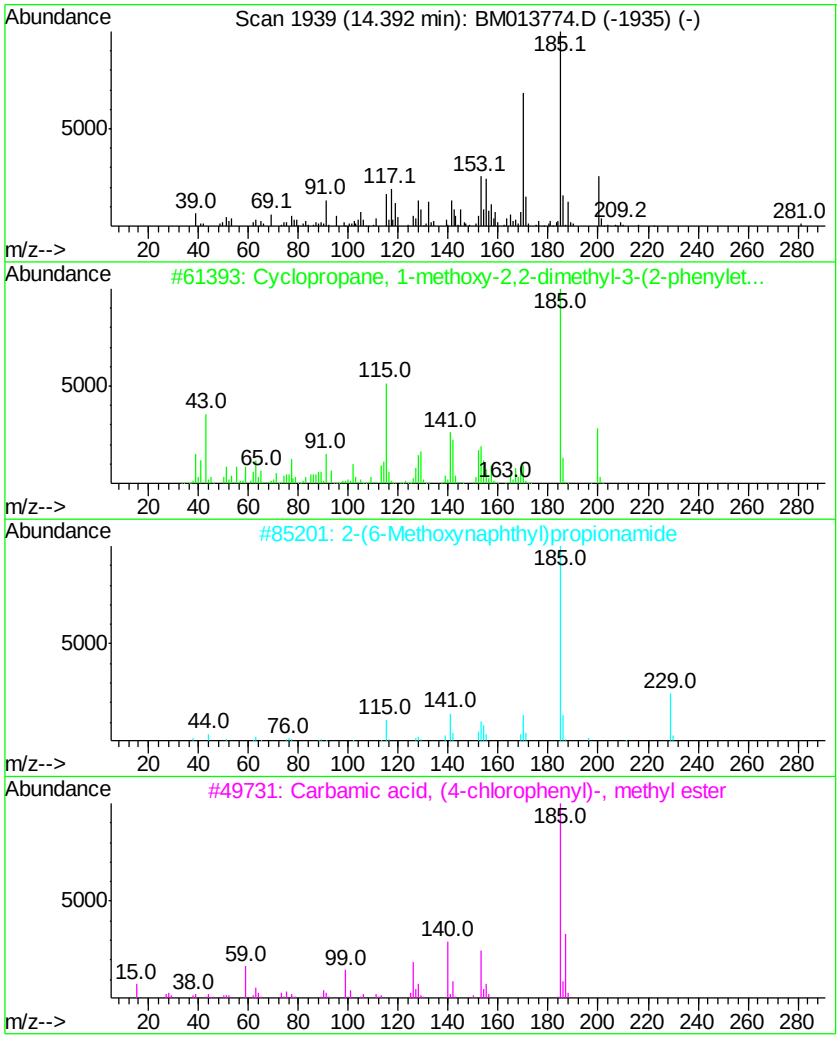
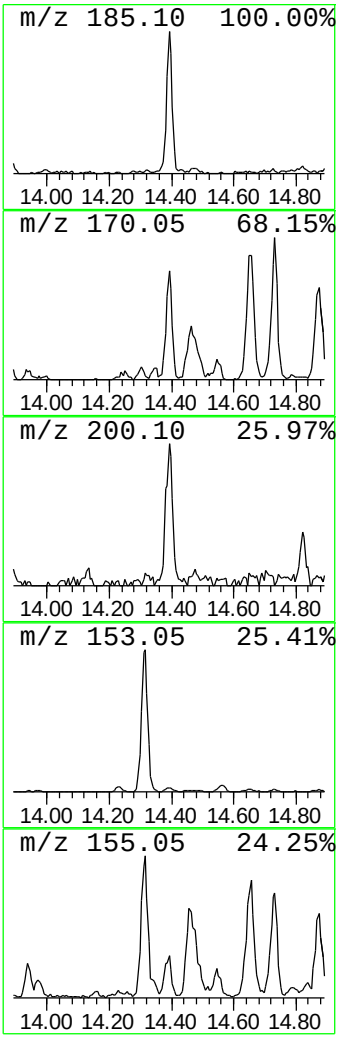
Peak Number 15 unknown-04 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	2.45 ng/ul	427608	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-methoxy-2,2-dime...	200	C14H16O	1000271-83-0	43
2	2-(6-Methoxynaphthyl)propionamide	229	C14H15NO2	072337-56-5	38
3	Carbamic acid, (4-chlorophenyl)-...	185	C8H8ClNO2	000940-36-3	38
4	5-Chlorobenzo[1,2,5]thiadiazol-4...	185	C6H4ClN3S	1000311-77-9	35
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	35





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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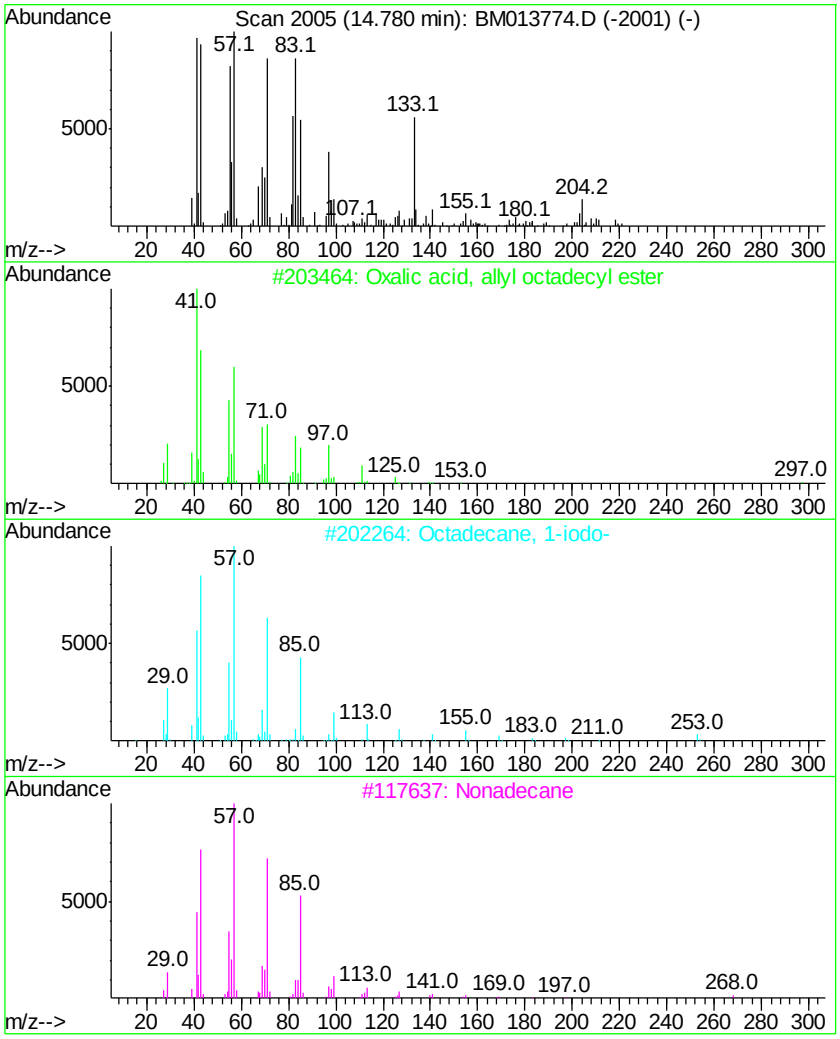
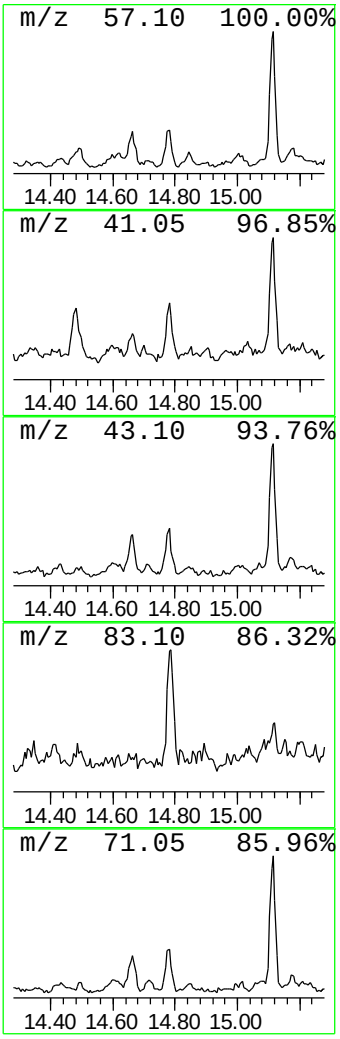
Peak Number 16 unknown-05 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	2.64 ng/ul	460984	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	49
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	30
3	Nonadecane	268	C19H40	000629-92-5	27
4	Hexadecane	226	C16H34	000544-76-3	25
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	22





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Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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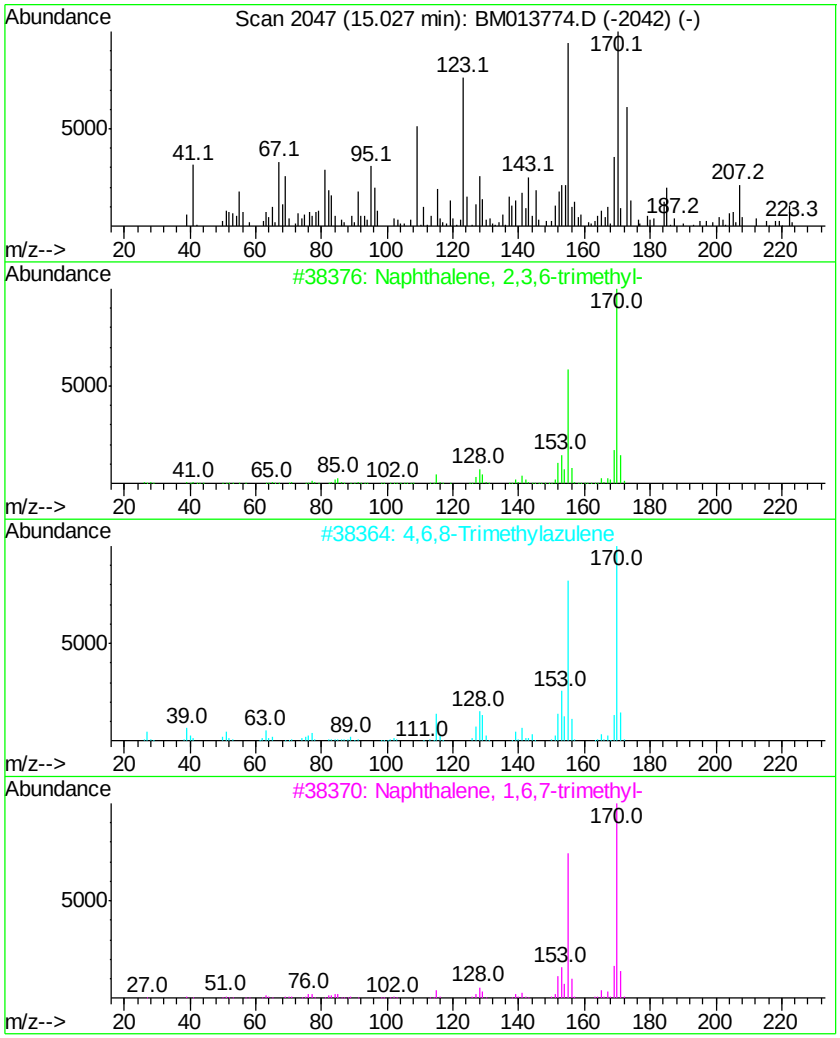
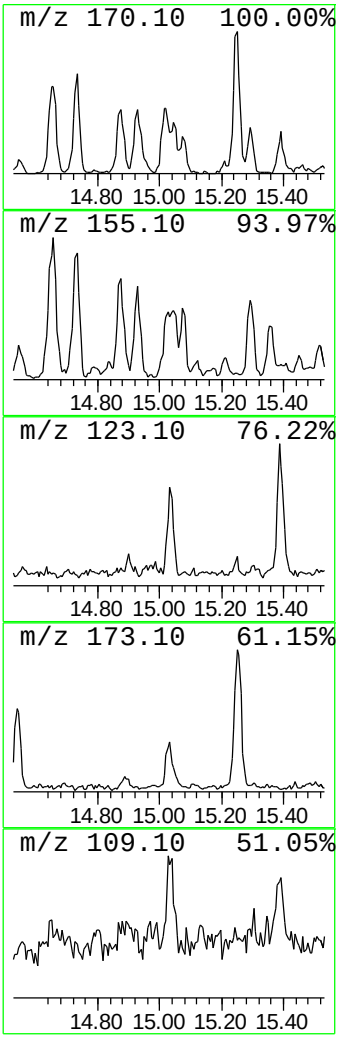
Peak Number 17 unknown-06 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	2.66 ng/ul	464186	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	38
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	35
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	30
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	25
5	2-Pyrimidinamine, 4,6-dimethyl-	123	C6H9N3	000767-15-7	22





Library Search Compound Report

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Data File : BM013774.D
Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

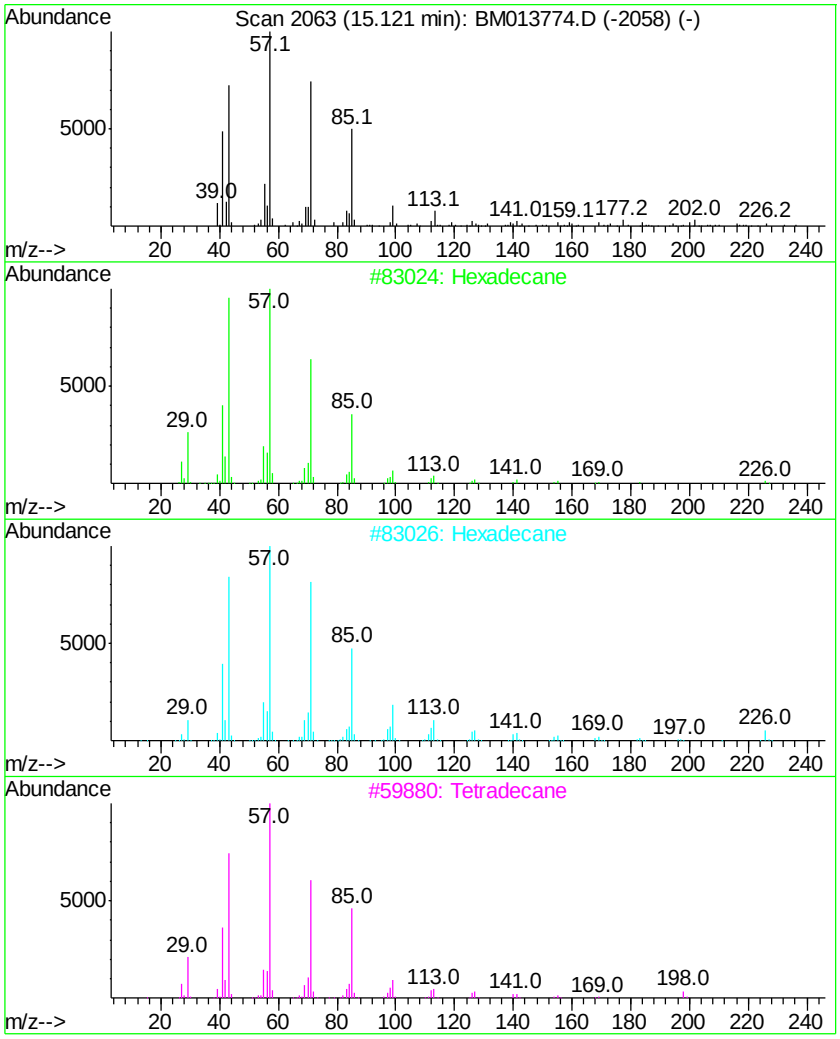
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

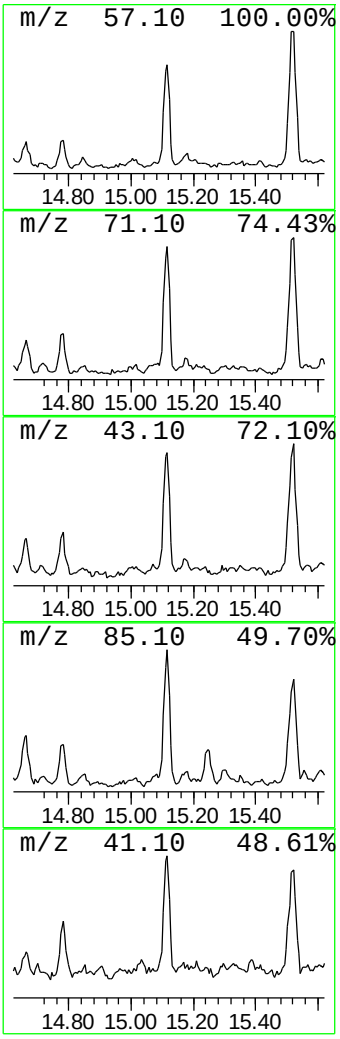
****

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	4.29 ng/ul	747925	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Tridecane	184	C13H28	000629-50-5	70





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

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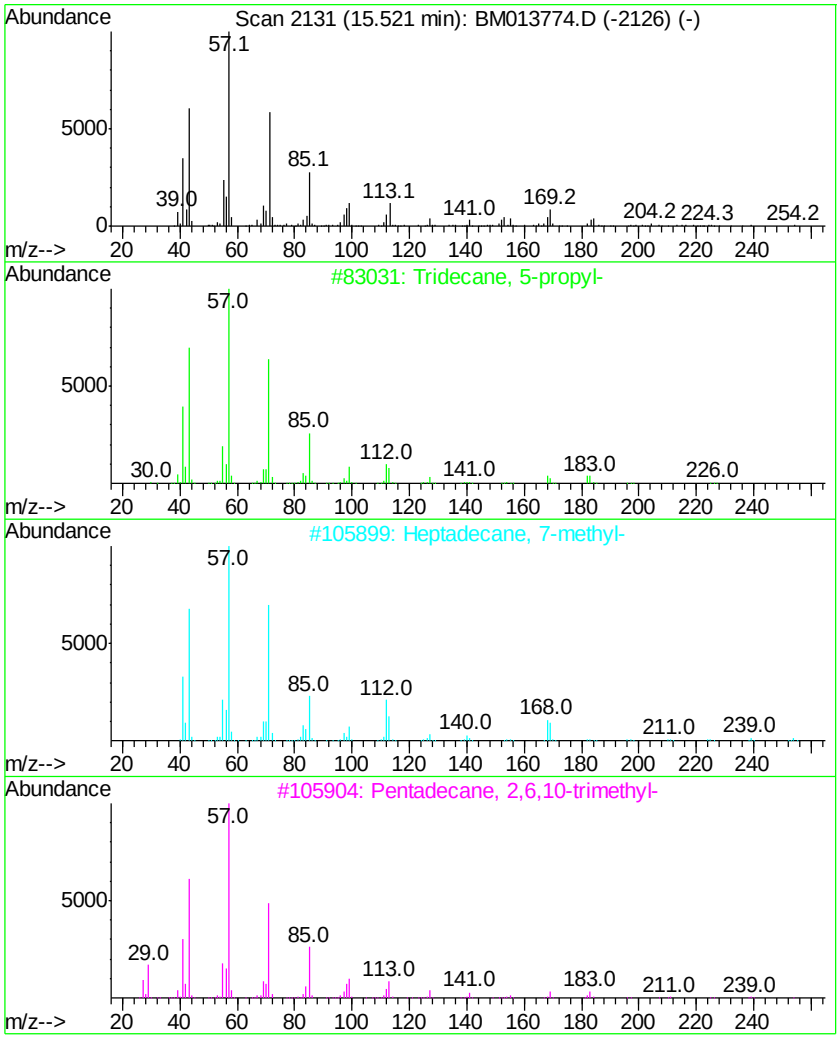
Quant Title : SVOA CALIBRATION

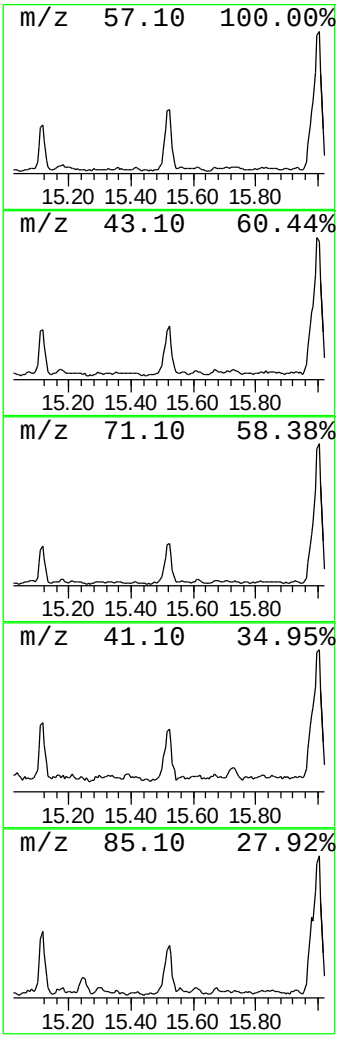
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	5.57 ng/ul	971306	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
2	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	83
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
4	Hexadecane	226	C16H34	000544-76-3	76
5	Heneicosane	296	C21H44	000629-94-7	74





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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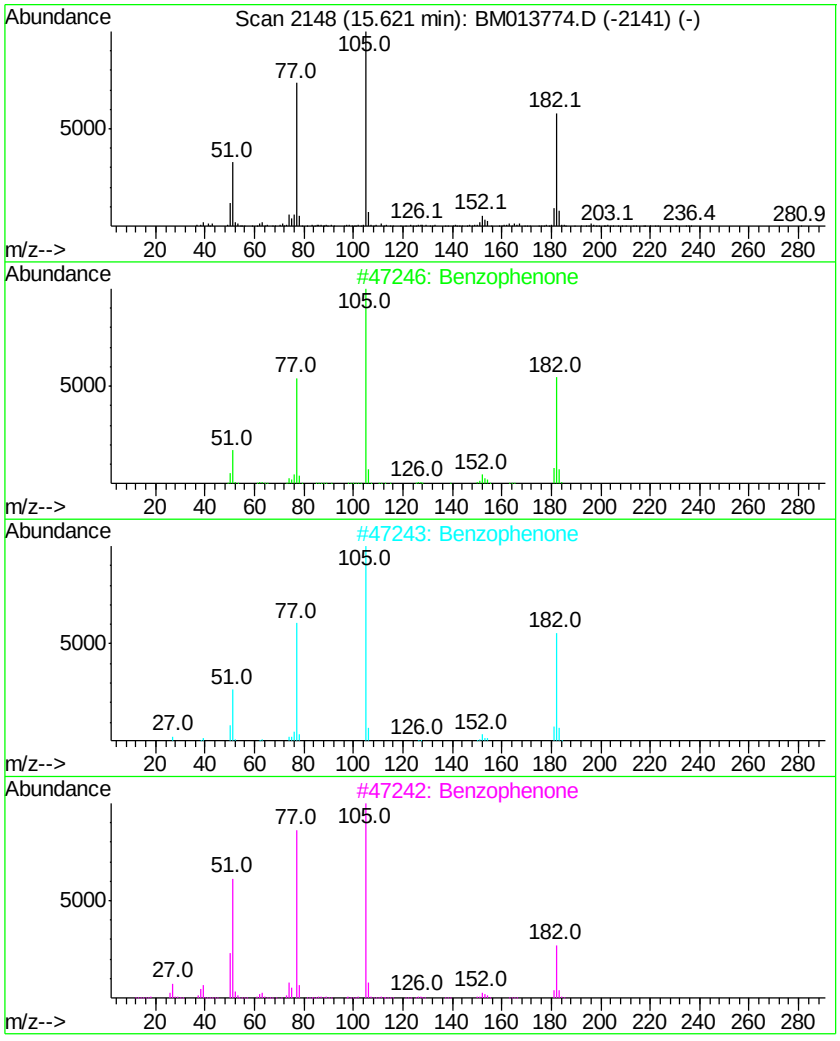
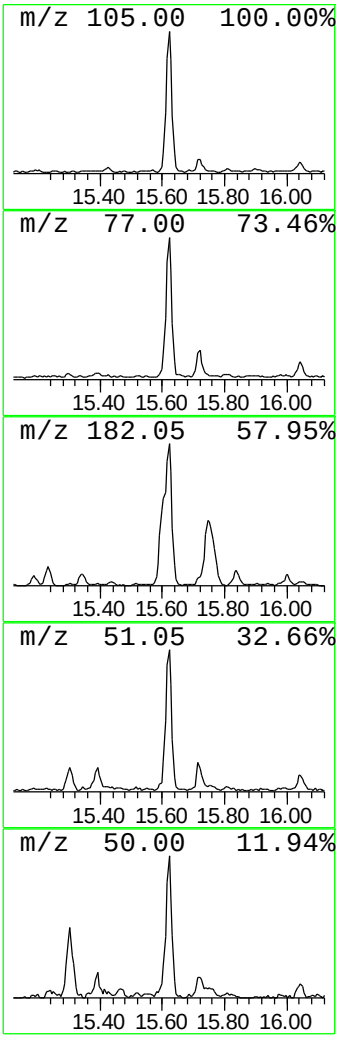
Peak Number 20 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	9.49 ng/ul	1656400	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	94
5	Benzophenone	182	C13H10O	000119-61-9	91





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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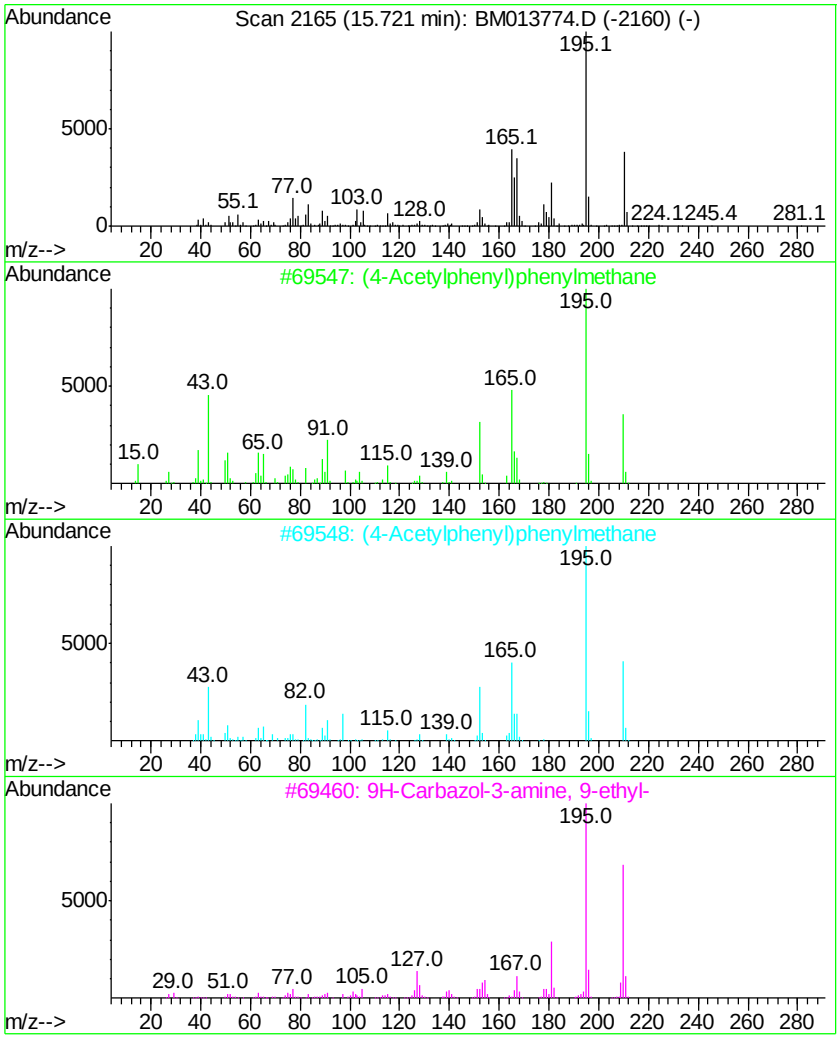
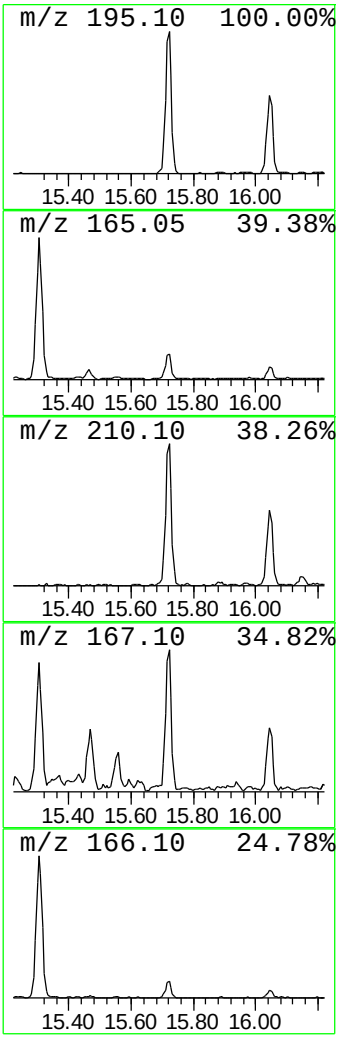
Peak Number 21 (4-Acetylphenyl)phenylmethane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	21.20 ng/ul	2110530	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	76
2	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	59
3	9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	50
4	Benzo[c]cinnolin-2-amine	195	C12H9N3	004827-07-0	49
5	2',3',4',5',6'-Pentafluoroacetop...	210	C8H3F5O	000652-29-9	49





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Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

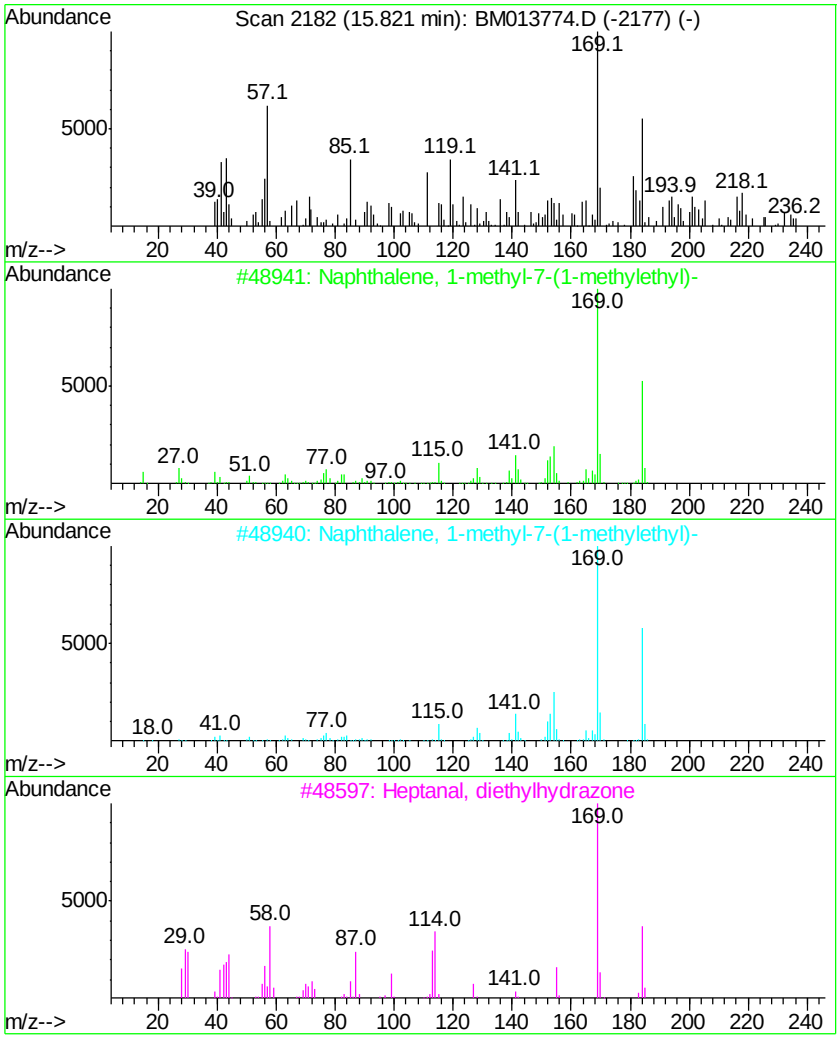
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

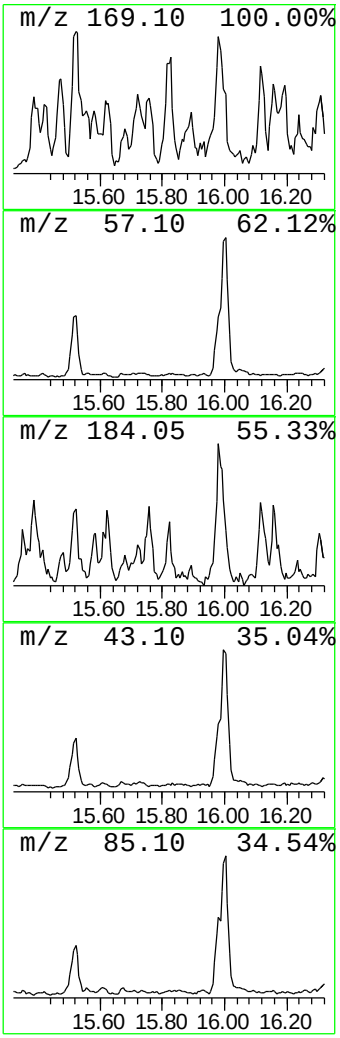
****

Peak Number 22 unknown-07 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	2.85 ng/ul	283388	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	41
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	38
3	Heptanal, diethylhydrazone	184	C11H24N2	075268-03-0	38
4	Ethanone, 1-(5-chloro-2-hydroxy-...	184	C9H9ClO2	028480-70-8	30
5	Barbituric acid, 5-ethyl-1-methy...	240	C12H20N2O3	057562-99-9	27





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

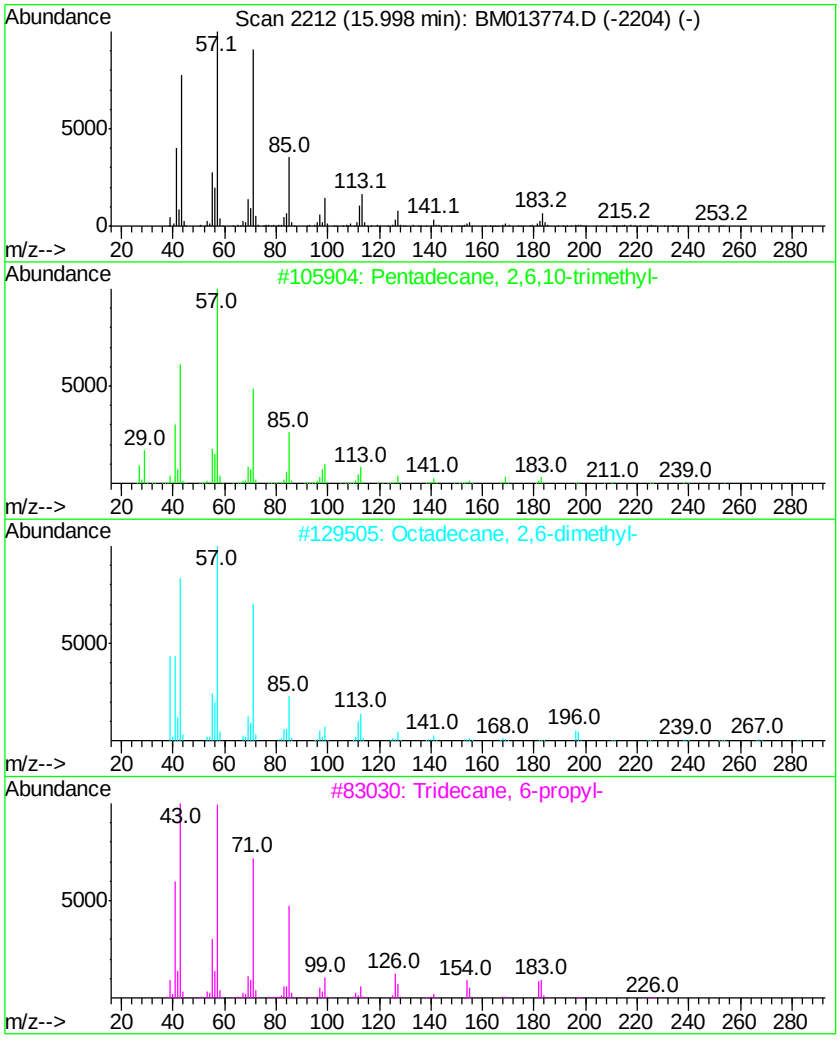
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

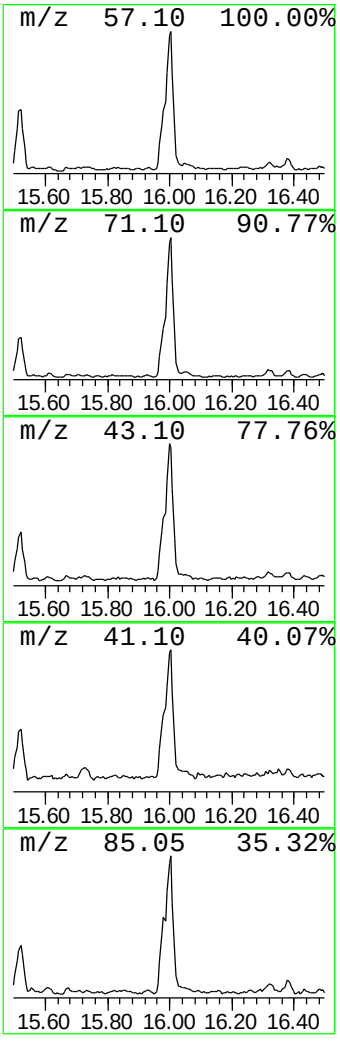
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	36.58 ng/ul	3641460	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	86
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	83
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	76
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	74





Library Search Compound Report

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

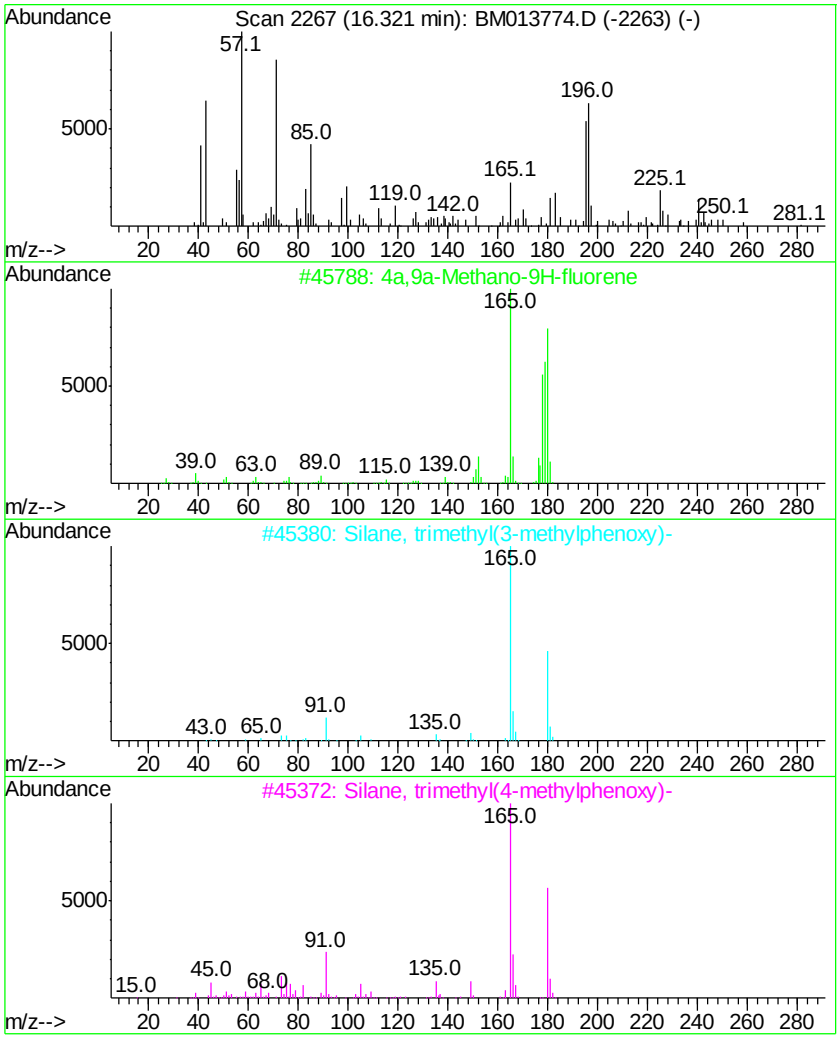
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

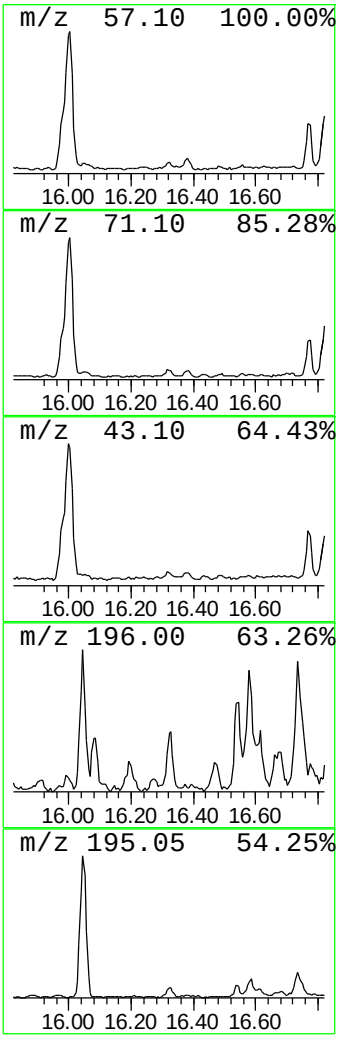
****

Peak Number 25 4a,9a-Methano-9H-fluorene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	2.86 ng/ul	284406	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	50
2	Silane, trimethyl(3-methylphenoxy)-	180	C10H16OSi	017902-31-7	38
3	Silane, trimethyl(4-methylphenoxy)-	180	C10H16OSi	017902-32-8	38
4	Silane, trimethyl(3-methylphenoxy)-	180	C10H16OSi	017902-31-7	38
5	5-tert-Butyl-2-methylbenzenethiol	180	C11H16S	007340-90-1	38





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

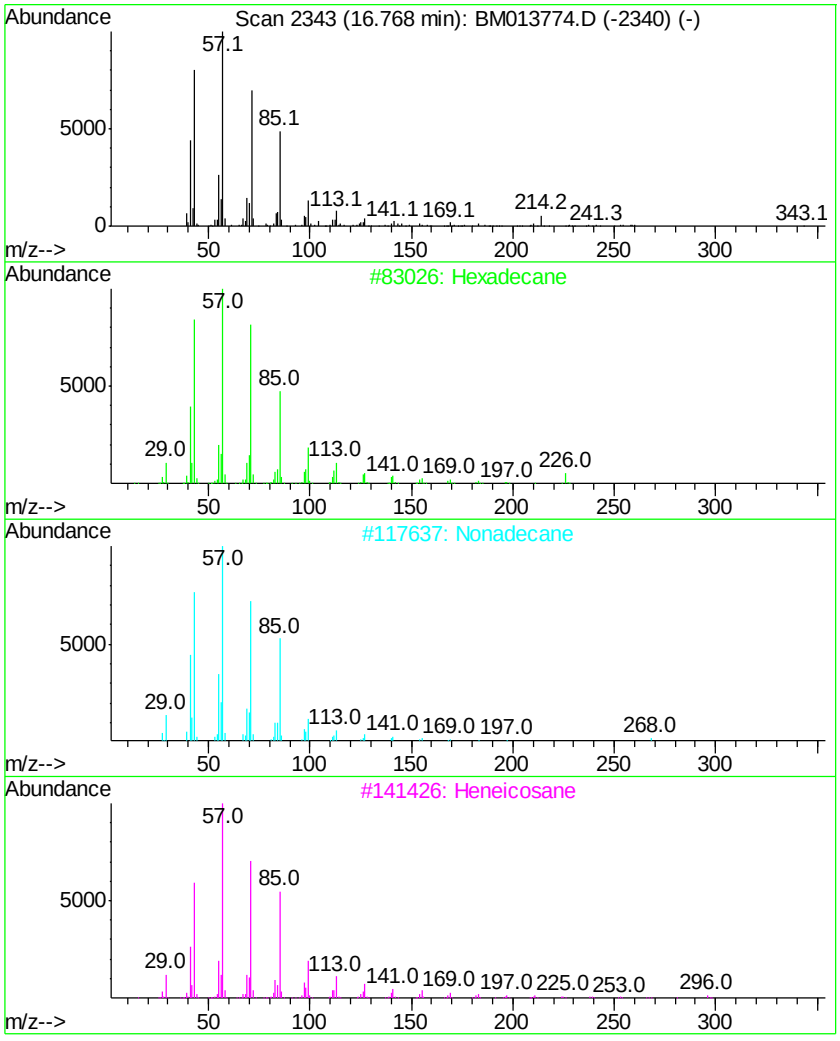
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

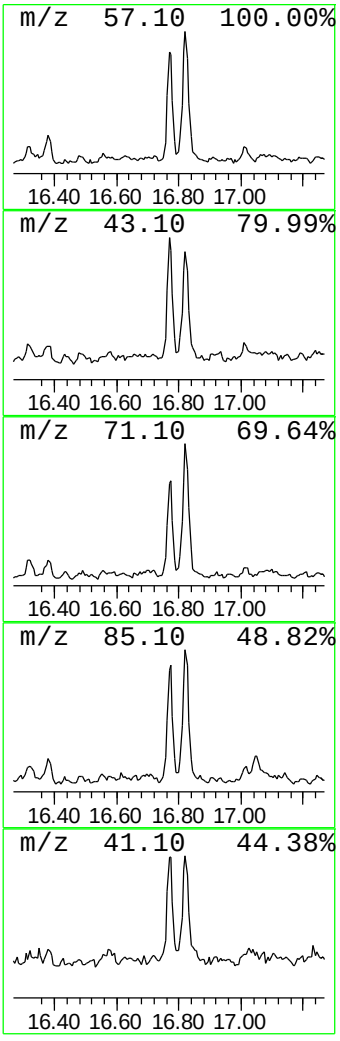
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	6.57 ng/ul	654327	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Octadecane	254	C18H38	000593-45-3	91





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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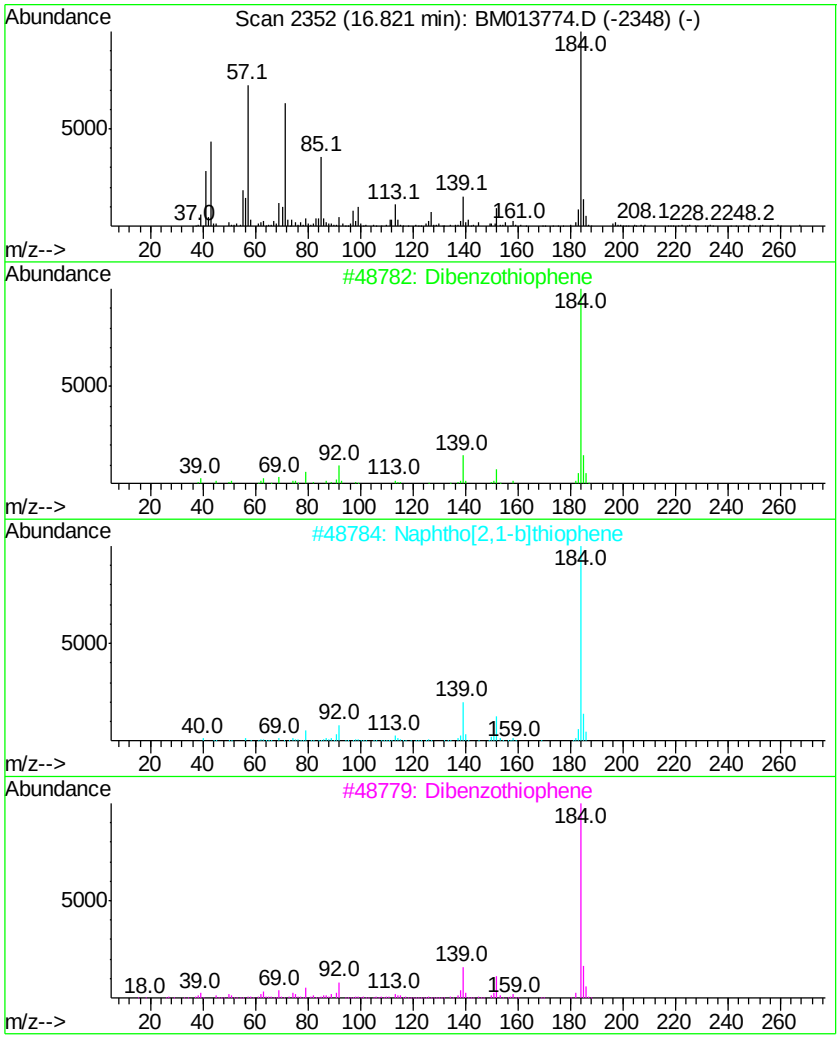
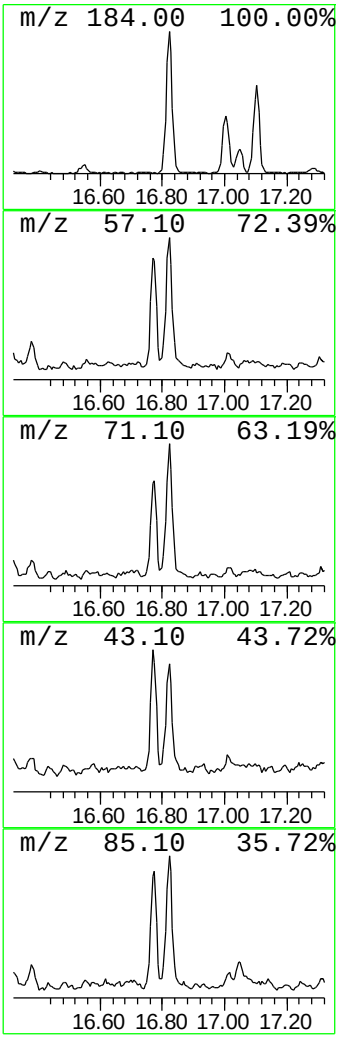
Peak Number 27 Dibenzothiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	17.41 ng/ul	1732460	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	78
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	60
3	Dibenzothiophene	184	C12H8S	000132-65-0	53
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	53
5	Dibenzothiophene	184	C12H8S	000132-65-0	53





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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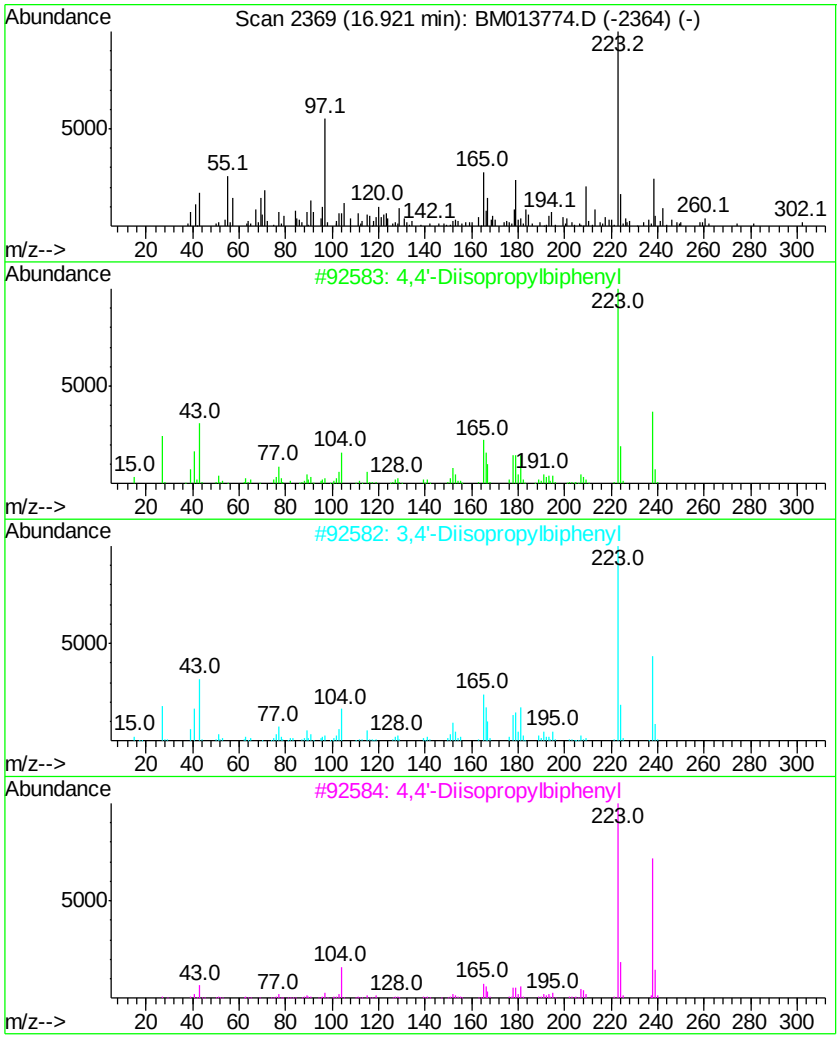
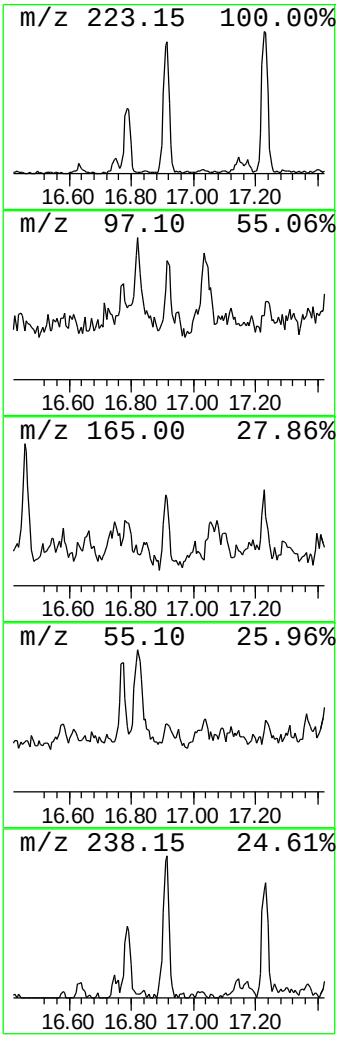
Peak Number 28 4,4'-Diisopropylbiphenyl Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	3.29 ng/ul	327590	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	80
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	72
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	64
4	4-Isopropylxanthen-9-one	238	C16H14O2	1000210-33-1	60
5	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	53





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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Peak Number 29 Benzene, 1,1'-ethylidenebis... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	4.13 ng/ul	411127	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-ethylidenebis[4-et...	238	C18H22	010224-91-6	89
2	4-Isopropylxanthen-9-one	238	C16H14O2	1000210-33-1	58
3	Silane, dimethyl(4-acetylphenoxy...	238	C12H18O3Si	1000347-30-7	47
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	46
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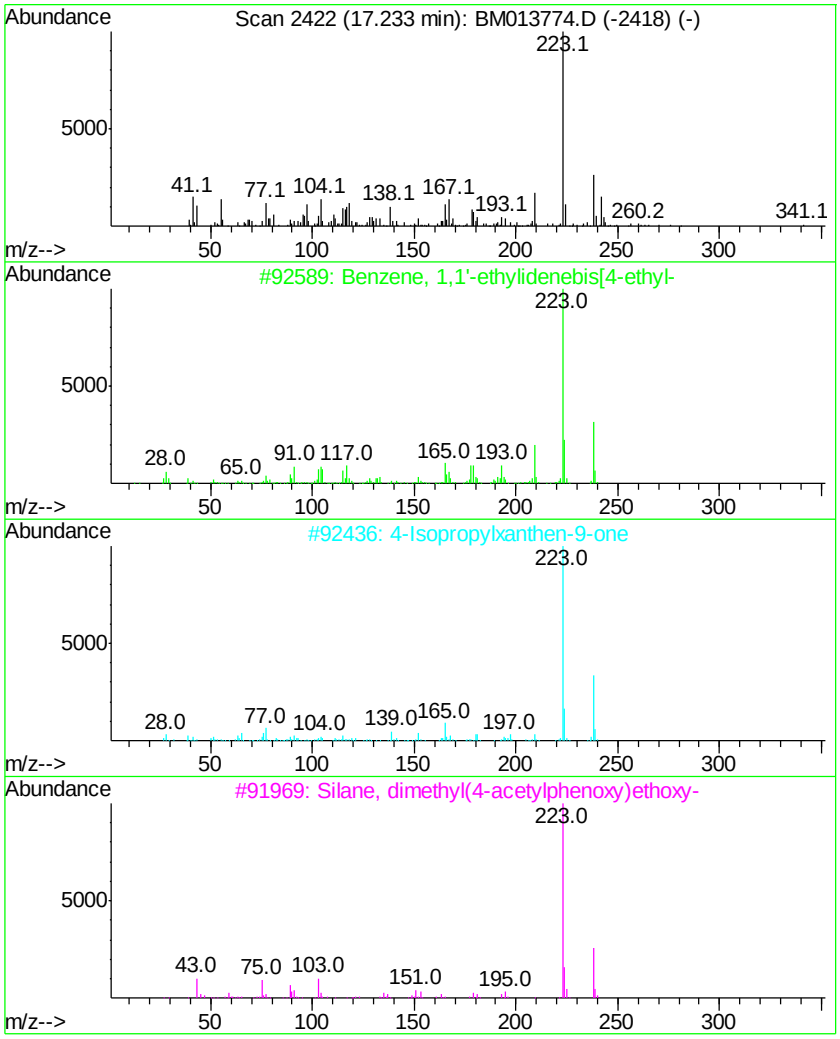

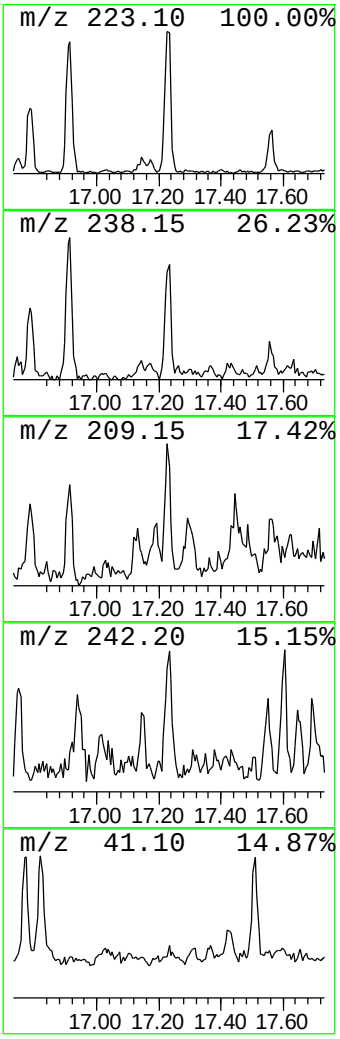

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ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

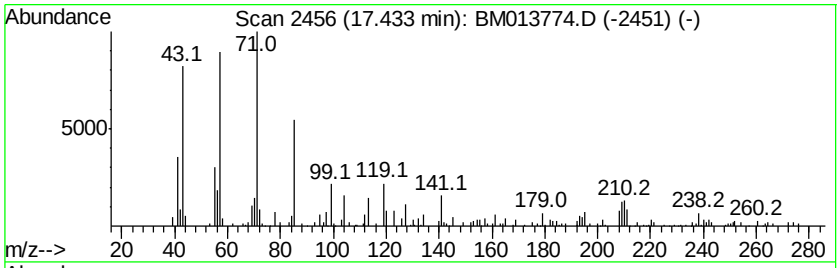
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

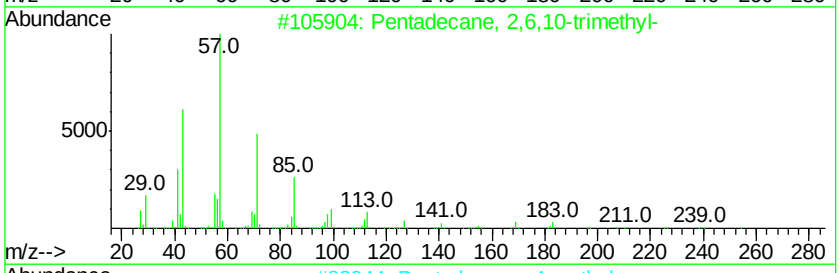
****

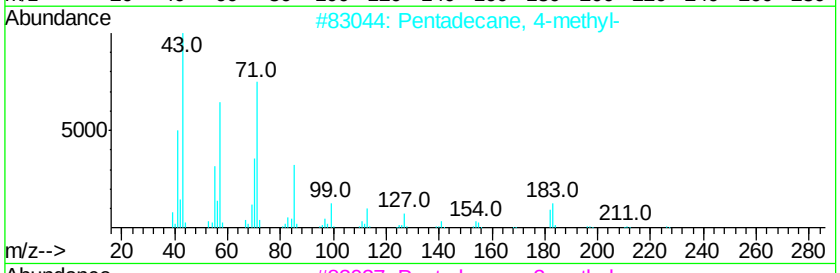
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 18

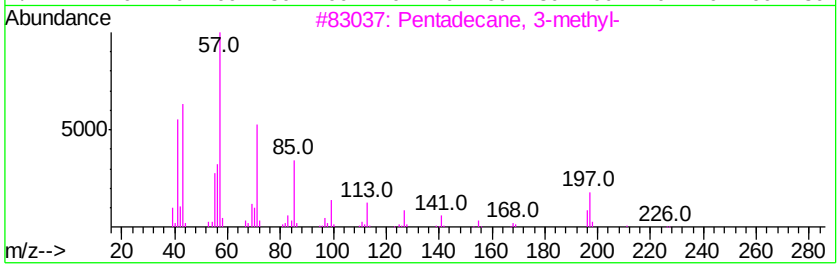
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.43	5.40 ng/ul	537849	Phenanthrene-d10	17.00

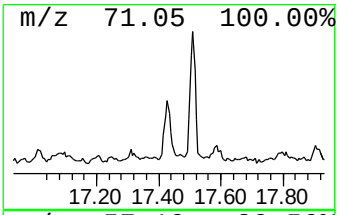
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
2	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	83
3	Pentadecane, 3-methyl-	226	C16H34	002882-96-4	81
4	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	70
5	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	68

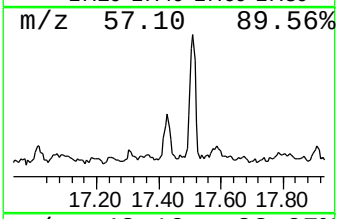


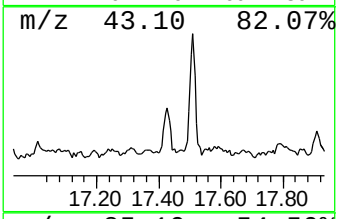


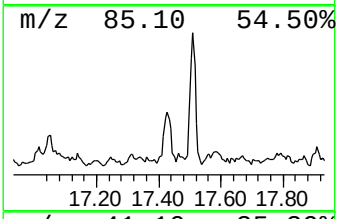


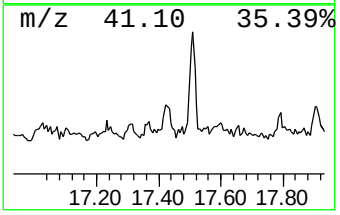












Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013774.D
Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

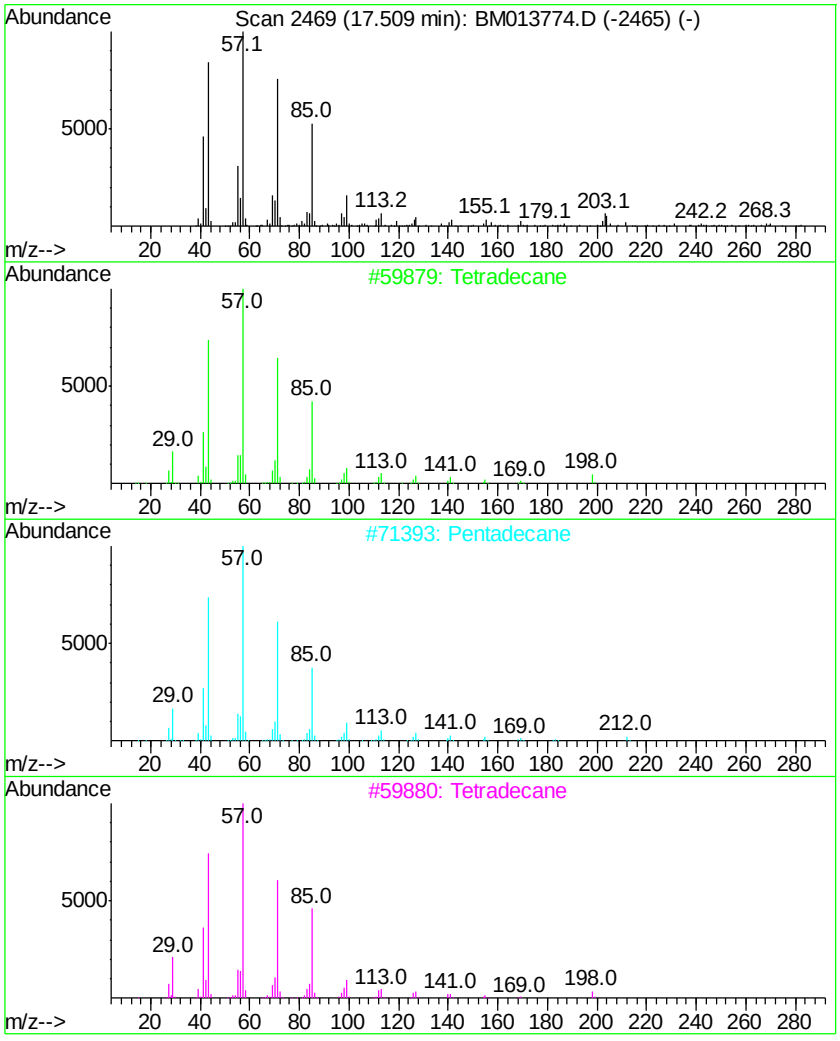
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

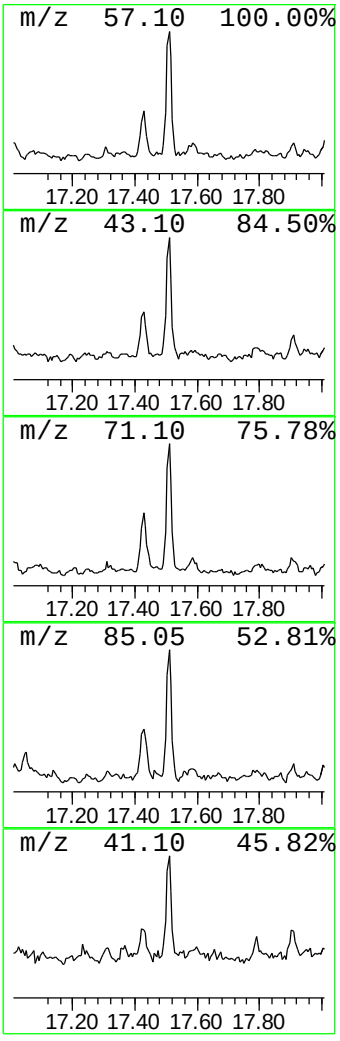
****

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	8.01 ng/ul	796876	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Pentadecane	212	C15H32	000629-62-9	87
3	Tetradecane	198	C14H30	000629-59-4	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	Hexadecane	226	C16H34	000544-76-3	86





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013774.D
Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

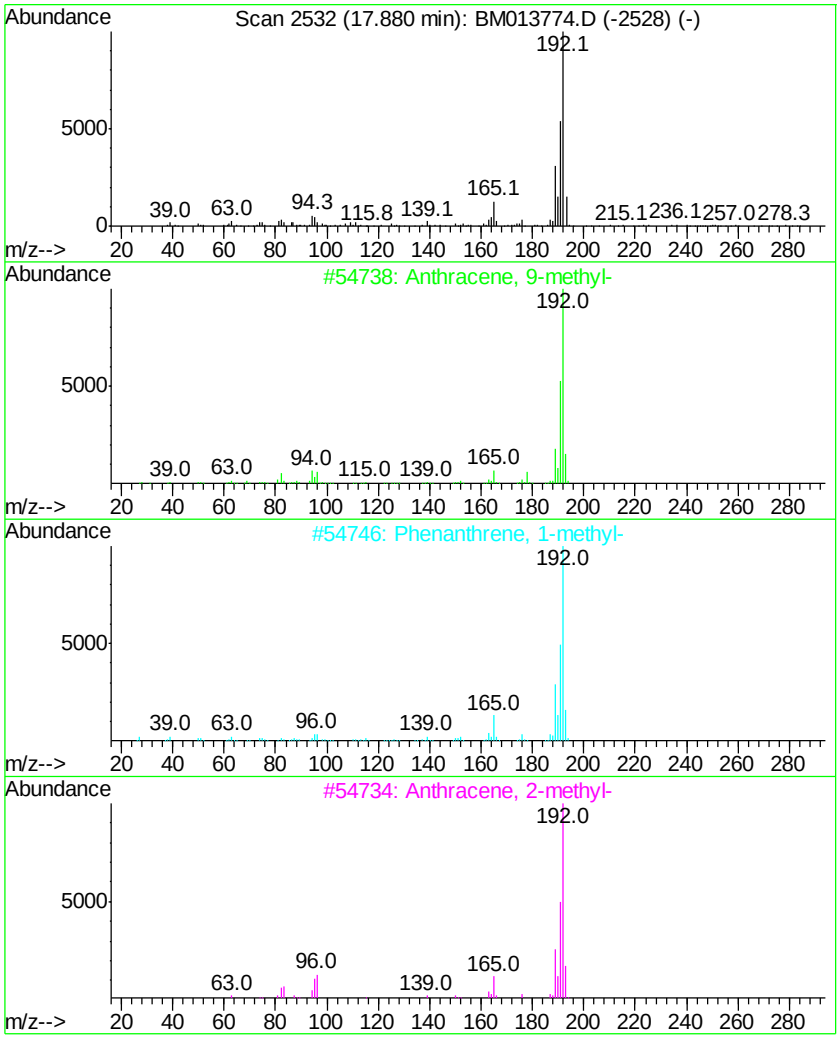
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

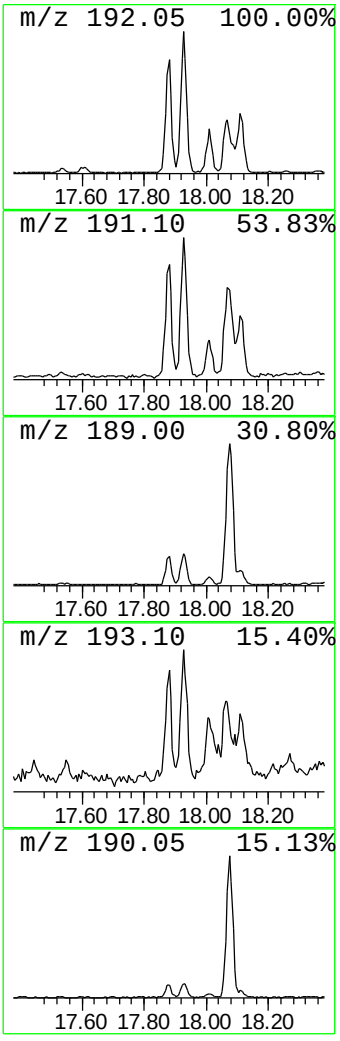
****

Peak Number 32 Anthracene, 9-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	4.30 ng/ul	427512	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013774.D
Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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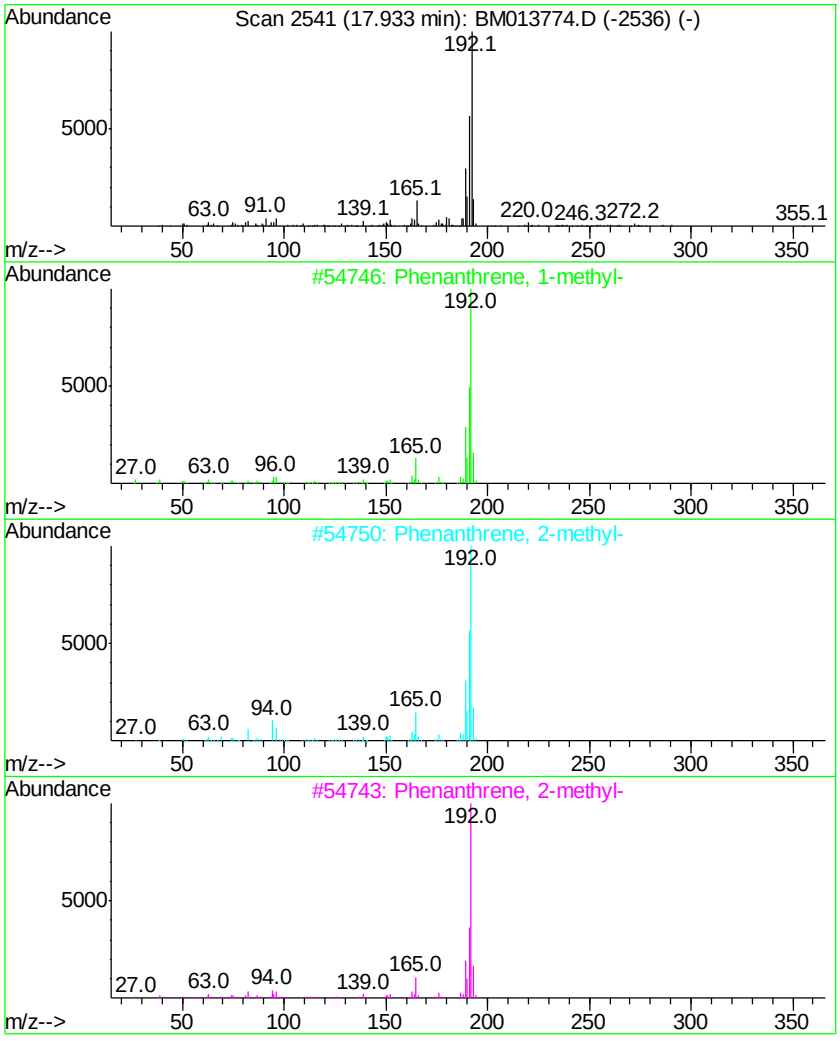
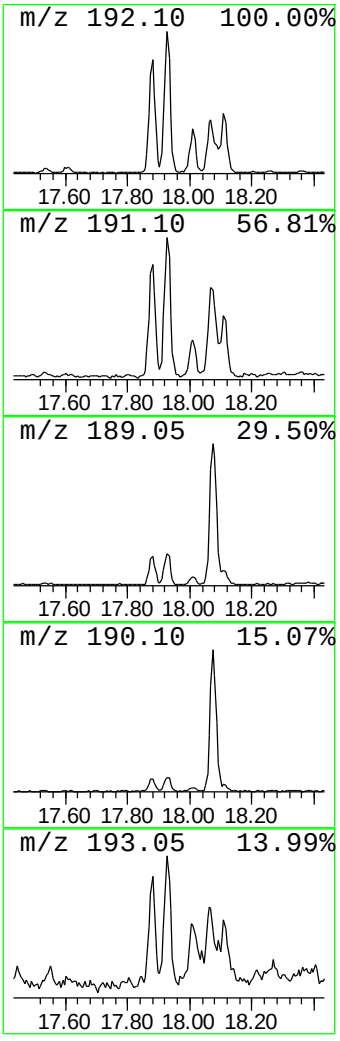
Peak Number 33 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	8.93 ng/ul	889165	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013774.D
Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

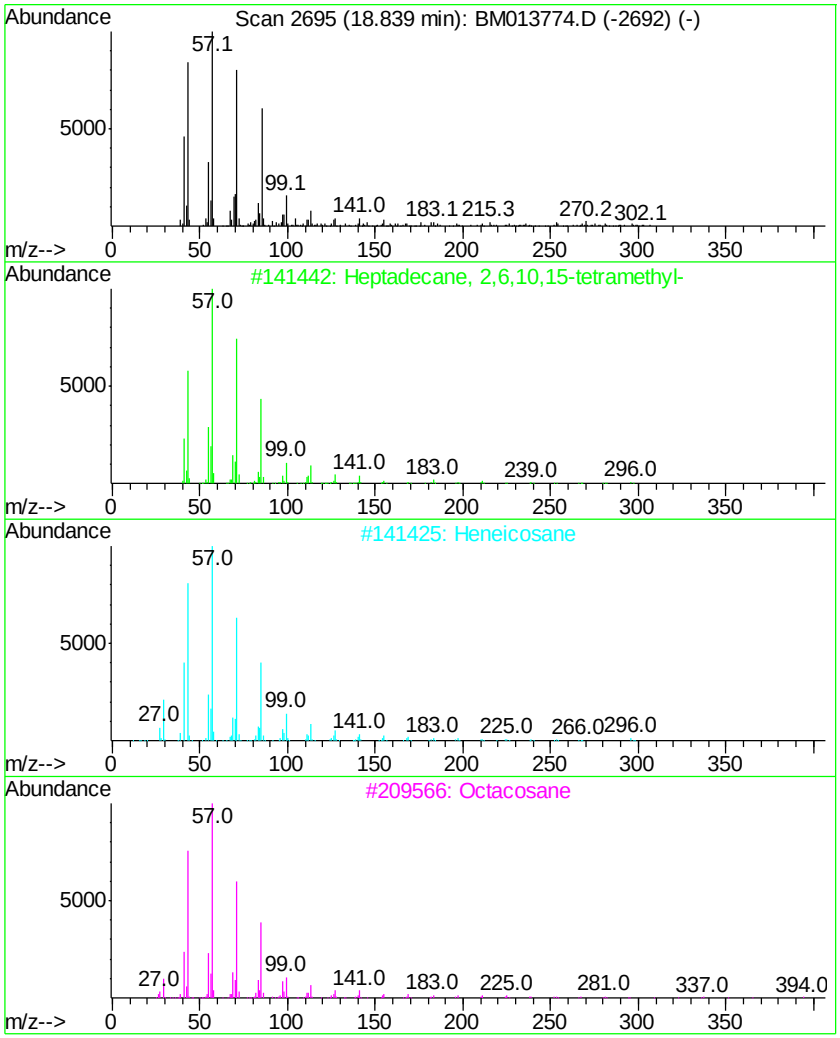
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

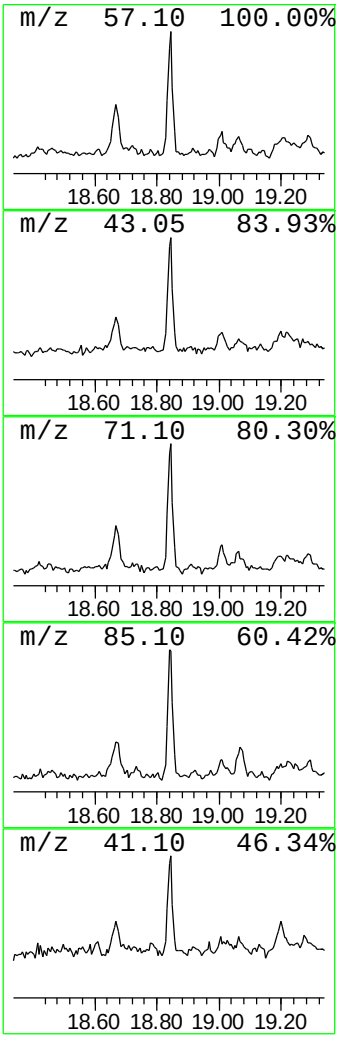
****

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	6.53 ng/ul	650057	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Docosane	310	C22H46	000629-97-0	87





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013774.D
Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

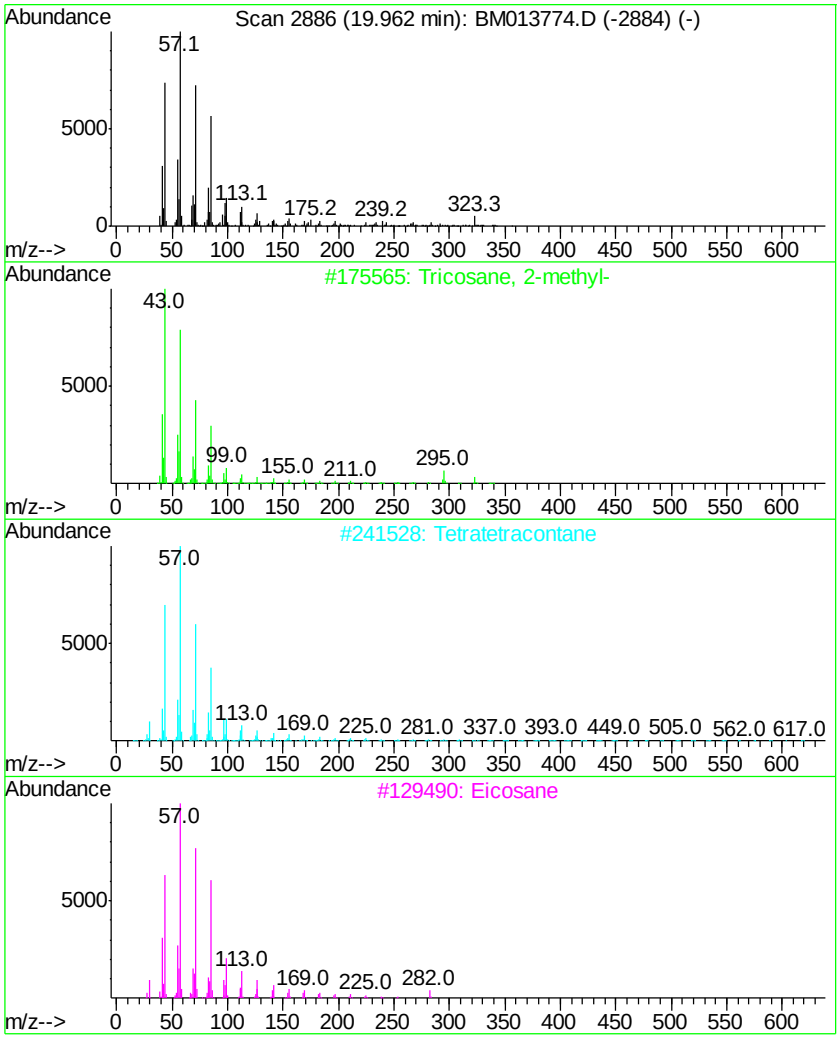
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

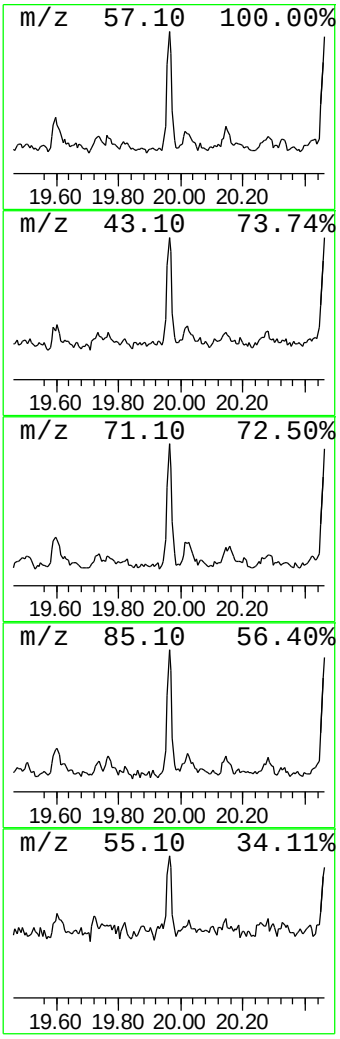
****

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	4.04 ng/ul	594122	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane, 2-methyl-	338	C24H50	001928-30-9	91
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Eicosane	282	C20H42	000112-95-8	89
4	Hexacosane	366	C26H54	000630-01-3	83
5	Octacosane	394	C28H58	000630-02-4	83





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013774.D
Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

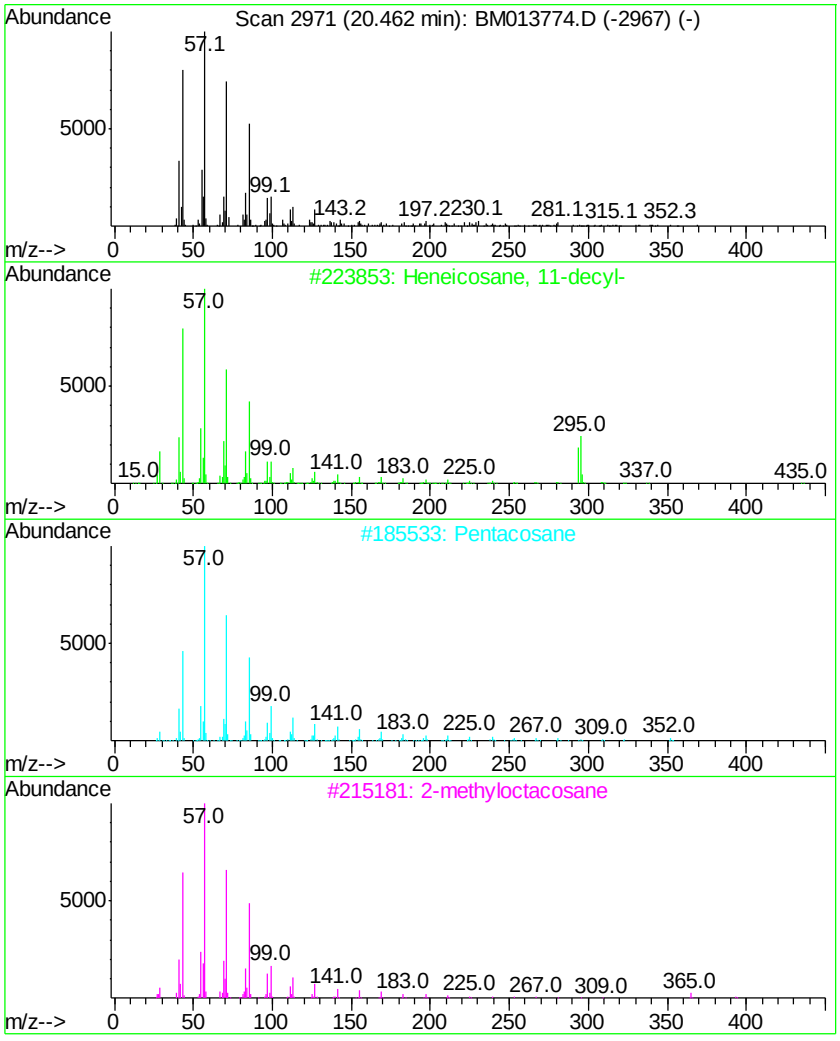
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

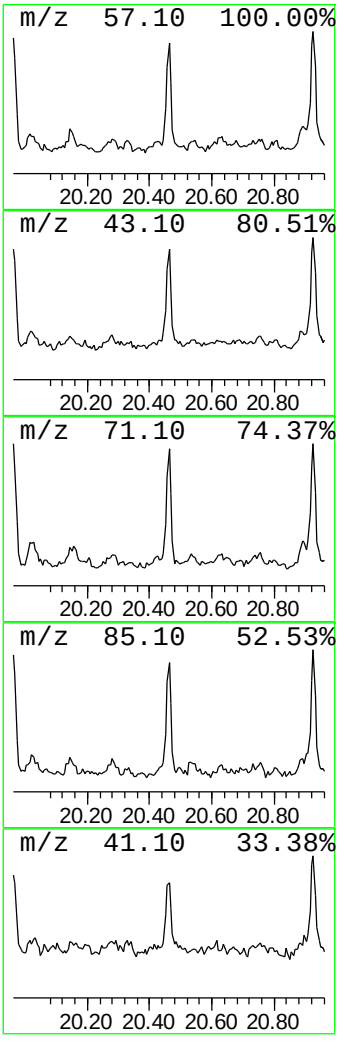
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.46	3.63 ng/ul	534562	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Docosane, 7-hexyl-	394	C28H58	055373-86-9	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013774.D
Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

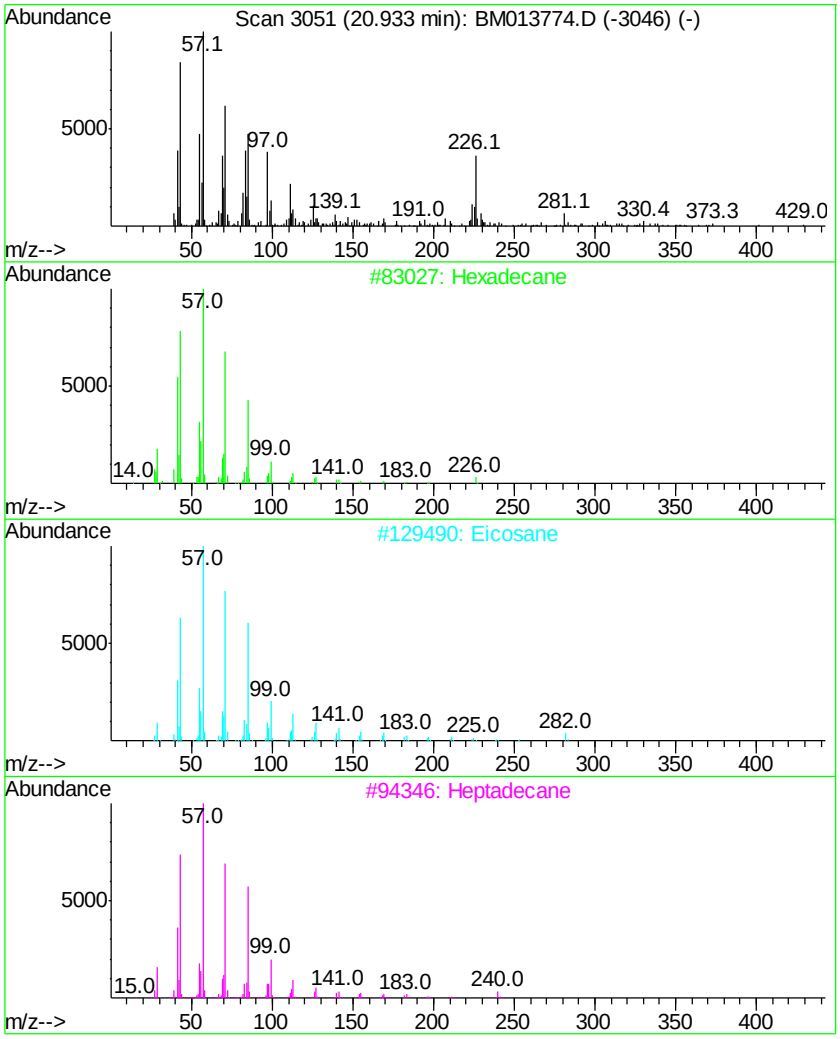
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

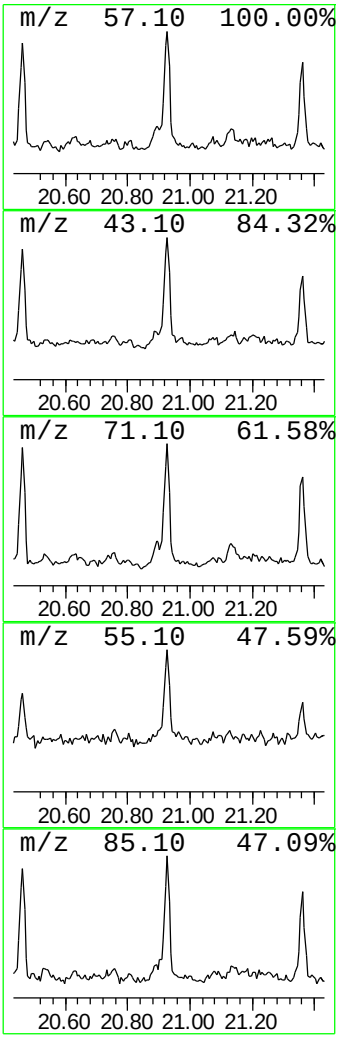
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	6.37 ng/ul	937736	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Eicosane	282	C20H42	000112-95-8	70
3	Heptadecane	240	C17H36	000629-78-7	70
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	64
5	Hexadecane	226	C16H34	000544-76-3	62





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013774.D
Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

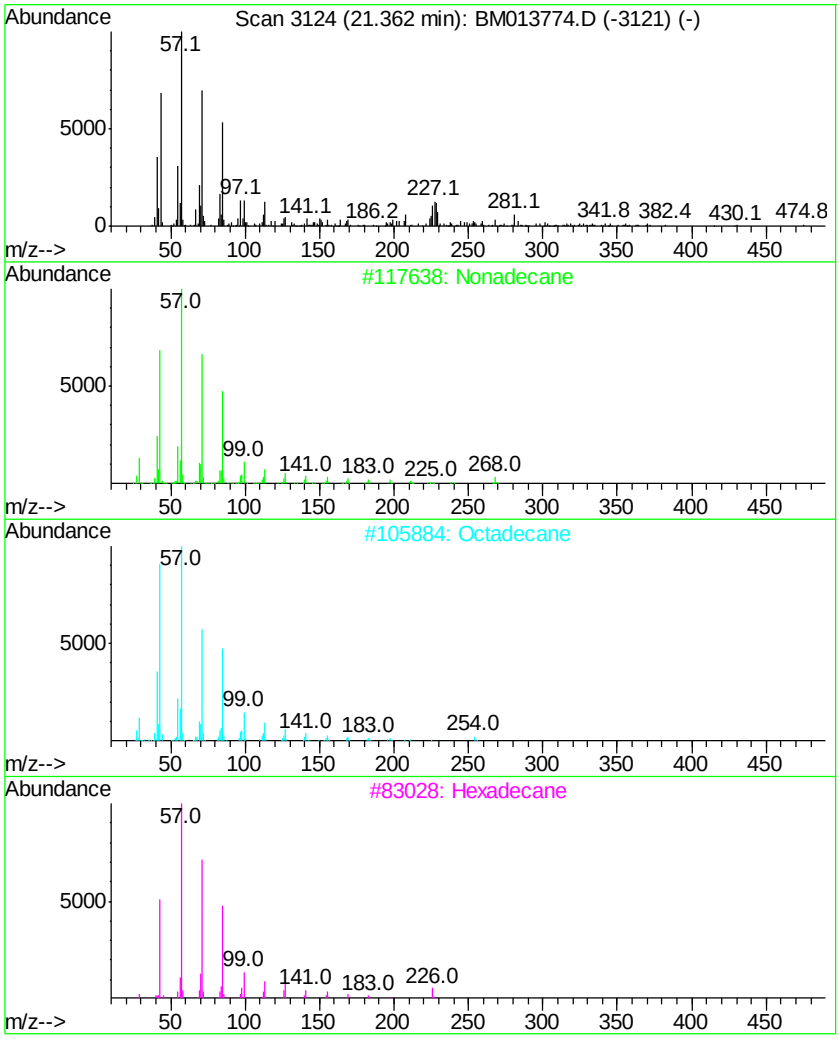
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

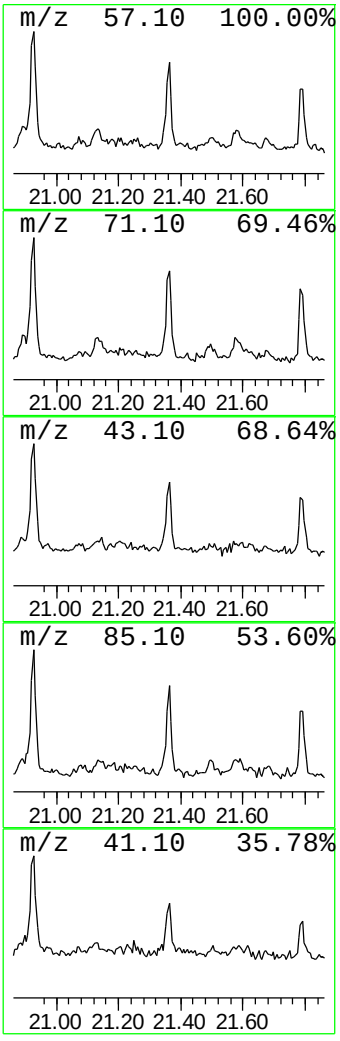
****

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	3.30 ng/ul	485723	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Octadecane	254	C18H38	000593-45-3	87
3	Hexadecane	226	C16H34	000544-76-3	76
4	Hexadecane	226	C16H34	000544-76-3	68
5	Nonadecane	268	C19H40	000629-92-5	58





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013774.D
Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

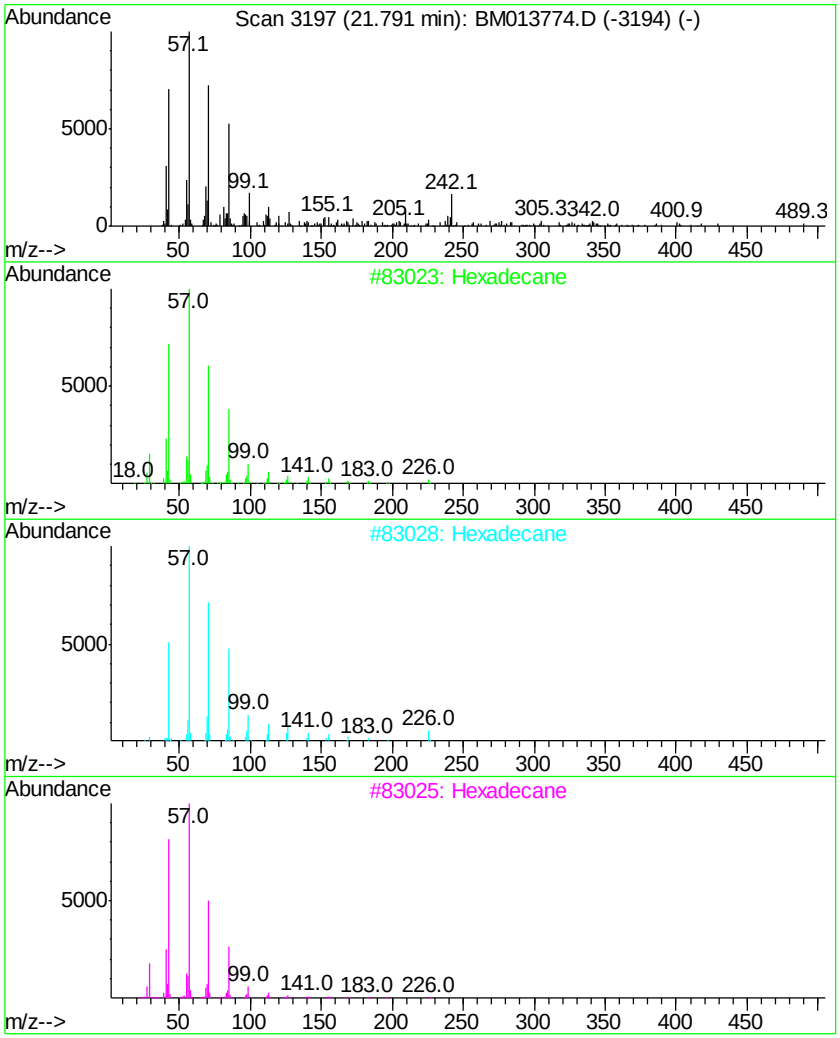
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

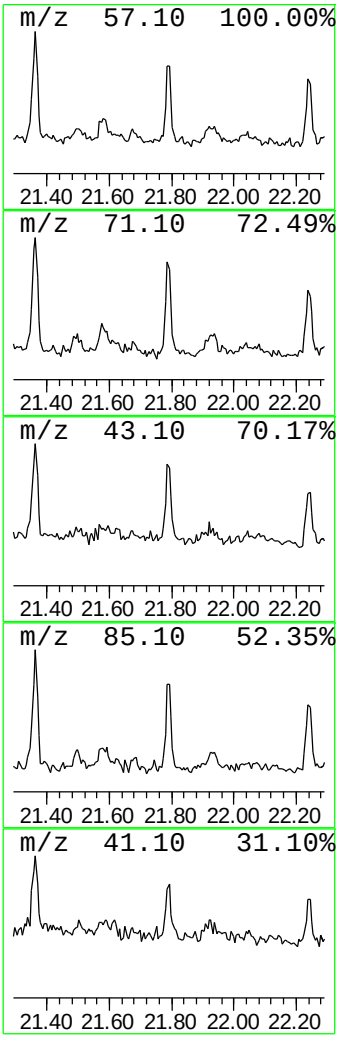
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.79	3.31 ng/ul	486840	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	89
2	Hexadecane	226	C16H34	000544-76-3	89
3	Hexadecane	226	C16H34	000544-76-3	89
4	Tetracosane	338	C24H50	000646-31-1	89
5	Hexadecane	226	C16H34	000544-76-3	78





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_M\DATA\BM012418\
Data File : BM013774.D
Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B00

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	8.81	4.4	ng/ul	208965	1	7.60	943845	20.0
unknown-01	8.94	2.8	ng/ul	130739	1	7.60	943845	20.0
Naphthalene, deca...	9.55	2.1	ng/ul	209532	2	10.37	1962300	20.0
unknown-02	9.79	2.8	ng/ul	278206	2	10.37	1962300	20.0
(DEL) Alkane: Cyc...	11.07	4.3	ng/ul	424924	2	10.37	1962300	20.0
(DEL) Alkane: Str...	11.29	2.6	ng/ul	252065	2	10.37	1962300	20.0
(DEL) Alkane: Str...	11.40	12.0	ng/ul	1178780	2	10.37	1962300	20.0
N-Benzoyl-d-threo...	11.70	2.0	ng/ul	197713	2	10.37	1962300	20.0
(DEL) Alkane: Str...	11.80	9.3	ng/ul	911808	2	10.37	1962300	20.0
Naphthalene, 1-me...	12.26	11.2	ng/ul	1096850	2	10.37	1962300	20.0
(DEL) Alkane: Str...	12.77	6.3	ng/ul	1095900	3	14.25	3489290	20.0
Naphthalene, 1,7-...	13.56	3.8	ng/ul	654723	3	14.25	3489290	20.0
unknown-03	14.07	2.1	ng/ul	360014	3	14.25	3489290	20.0
(DEL) Alkane: Str...	14.16	5.0	ng/ul	874371	3	14.25	3489290	20.0
unknown-04	14.39	2.5	ng/ul	427608	3	14.25	3489290	20.0
unknown-05	14.78	2.6	ng/ul	460984	3	14.25	3489290	20.0
unknown-06	15.03	2.7	ng/ul	464186	3	14.25	3489290	20.0
(DEL) Alkane: Str...	15.12	4.3	ng/ul	747925	3	14.25	3489290	20.0
(DEL) Alkane: Str...	15.52	5.6	ng/ul	971306	3	14.25	3489290	20.0
Benzophenone	15.62	9.5	ng/ul	1656400	3	14.25	3489290	20.0
(4-Acetylphenyl)p...	15.72	21.2	ng/ul	2110530	4	17.00	1990720	20.0
unknown-07	15.82	2.9	ng/ul	283388	4	17.00	1990720	20.0
(DEL) Alkane: Str...	16.00	36.6	ng/ul	3641460	4	17.00	1990720	20.0
4a,9a-Methano-9H-...	16.32	2.9	ng/ul	284406	4	17.00	1990720	20.0
(DEL) Alkane: Str...	16.77	6.6	ng/ul	654327	4	17.00	1990720	20.0
Dibenzothiophene	16.82	17.4	ng/ul	1732460	4	17.00	1990720	20.0
4,4'-Diisopropylb...	16.92	3.3	ng/ul	327590	4	17.00	1990720	20.0
Benzene, 1,1'-eth...	17.23	4.1	ng/ul	411127	4	17.00	1990720	20.0
(DEL) Alkane: Str...	17.43	5.4	ng/ul	537849	4	17.00	1990720	20.0
(DEL) Alkane: Str...	17.51	8.0	ng/ul	796876	4	17.00	1990720	20.0
Anthracene, 9-met...	17.88	4.3	ng/ul	427512	4	17.00	1990720	20.0
Phenanthrene, 1-m...	17.93	8.9	ng/ul	889165	4	17.00	1990720	20.0
(DEL) Alkane: Str...	18.84	6.5	ng/ul	650057	4	17.00	1990720	20.0
(DEL) Alkane: Str...	19.96	4.0	ng/ul	594122	5	21.20	2942080	20.0
(DEL) Alkane: Str...	20.46	3.6	ng/ul	534562	5	21.20	2942080	20.0
(DEL) Alkane: Str...	20.93	6.4	ng/ul	937736	5	21.20	2942080	20.0
(DEL) Alkane: Str...	21.36	3.3	ng/ul	485723	5	21.20	2942080	20.0
(DEL) Alkane: Str...	21.79	3.3	ng/ul	486840	5	21.20	2942080	20.0