LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\
Data File : BM013727.D
Acq On : 23 Jan 2018 11:34
Operator : SJ/JU
Sample : J1174-16
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A51

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	3.157	26	29	37	rVB5	28092	42898	1.41%	0.087%
2	4.587	268	272	276	rBV3	33069	42559	1.40%	0.086%
3	4.681	281	288	294	rBV2	54827	80877	2.66%	0.164%
4	4.845	311	316	320	rBV3	30474	47623	1.56%	0.097%
5	4.993	337	341	345	rBV4	33161	50670	1.66%	0.103%
6	5.887	488	493	498	rBV7	31136	64692	2.13%	0.131%
7	6.098	525	529	537	rBV6	46749	106452	3.50%	0.216%
8	6.175	537	542	546	rBV	48478	66220	2.18%	0.134%
9	6.251	551	555	558	rVV4	48335	83200	2.73%	0.169%
10	6.281	558	560	567	rVB4	33383	47053	1.55%	0.095%
11	6.504	597	598	607	rVB4	40182	44428	1.46%	0.090%
12	6.604	607	615	621	rBV2	59722	97467	3.20%	0.198%
13	6.792	641	647	659	rVB	441100	854411	28.07%	1.733%
14	6.951	666	674	685	rBV	358308	589535	19.37%	1.196%
15	7.145	701	707	718	rVB	500650	853972	28.05%	1.732%
16	7.610	777	786	792	rVB	619363	1049536	34.48%	2.129%
17	7.786	811	816	818	rBV4	31344	42372	1.39%	0.086%
18	7.822	818	822	829	rVV	95251	173273	5.69%	0.351%
19	7.881	829	832	841	rVB4	33805	54349	1.79%	0.110%
20	8.086	862	867	871	rBV4	20491	49731	1.63%	0.101%
21	8.133	871	875	879	rVV2	62555	90511	2.97%	0.184%
22	8.269	891	898	901	rBV2	74825	135317	4.45%	0.274%
23	8.316	901	906	915	rVB	538412	931655	30.61%	1.890%
24	8.469	928	932	936	rBV5	35976	62379	2.05%	0.127%
25	8.698	966	971	976	rVB3	62396	101280	3.33%	0.205%
26	8.763	976	982	990	rBV2	457530	820398	26.95%	1.664%
27	8.828	990	993	1001	rVB6	23867	51840	1.70%	0.105%
28	8.904	1001	1006	1009	rBV6	23097	44079	1.45%	0.089%
29	9.163	1045	1050	1055	rBV3	64928	100770	3.31%	0.204%
30	9.222	1055	1060	1062	rBV4	37211	46740	1.54%	0.095%
31	9.480	1094	1104	1113	rBV2	420836	783613	25.74%	1.590%
32	9.569	1113	1119	1126	rVV10	34723	78432	2.58%	0.159%
33	9.786	1152	1156	1162	rBV4	62963	106631	3.50%	0.216%
34	9.969	1181	1187	1188	rBV3	27160	40570	1.33%	0.082%

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Acq On : 23 Jan 2018 11:34
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Sample : J1174-16
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A51

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	10.016	1190	1195	1203	rVV	559010	957336	31.45%	1.942%
36	10.251	1229	1235	1239	rBV7	26066	52304	1.72%	0.106%
37	10.380	1247	1257	1268	rBV	809449	1455329	47.81%	2.952%
38	10.533	1272	1283	1293	rBV	476037	953871	31.34%	1.935%
39	10.598	1293	1294	1302	rVB8	31608	50899	1.67%	0.103%
40	11.074	1371	1375	1381	rVB7	53654	99221	3.26%	0.201%
41	11.298	1407	1413	1420	rVB9	22523	55501	1.82%	0.113%
42	11.410	1427	1432	1436	rBV	209613	319560	10.50%	0.648%
43	11.716	1480	1484	1488	rBV5	26964	41621	1.37%	0.084%
44	12.057	1537	1542	1548	rVB2	124732	221139	7.26%	0.449%
45	12.274	1572	1579	1590	rBV2	110503	217874	7.16%	0.442%
46	12.521	1617	1621	1628	rVB4	64250	119545	3.93%	0.242%
47	12.592	1629	1633	1637	rBV6	36609	56137	1.84%	0.114%
48	12.668	1640	1646	1653	rVB9	38312	91260	3.00%	0.185%
49	12.739	1653	1658	1661	rBV6	27244	58488	1.92%	0.119%
50	12.786	1661	1666	1671	rVV	269704	365292	12.00%	0.741%
51	12.839	1671	1675	1682	rVB10	39948	78959	2.59%	0.160%
52	13.016	1702	1705	1709	rBV5	26202	39700	1.30%	0.081%
53	13.286	1747	1751	1754	rBV2	39730	53860	1.77%	0.109%
54	13.421	1768	1774	1775	rBV3	86895	131966	4.34%	0.268%
55	13.574	1795	1800	1805	rBV	149832	269832	8.86%	0.547%
56	13.633	1805	1810	1812	rVV	103296	158994	5.22%	0.323%
57	13.674	1812	1817	1822	rVV	1079422	1557050	51.15%	3.158%
58	13.727	1822	1826	1833	rVV2	305479	711038	23.36%	1.442%
59	13.810	1834	1840	1844	rVV6	77307	174692	5.74%	0.354%
60	13.845	1844	1846	1852	rVB6	32598	41197	1.35%	0.084%
61	13.951	1858	1864	1869	rBV	1184068	1714855	56.33%	3.479%
62	14.080	1882	1886	1891	rVB4	82904	115188	3.78%	0.234%
63	14.163	1895	1900	1905	rBV5	76854	131377	4.32%	0.266%
64	14.257	1905	1916	1923	rBV2	1131688	1987532	65.29%	4.032%
65	14.321	1923	1927	1936	rVB	283630	458249	15.05%	0.930%
66	14.492	1949	1956	1963	rBV4	293632	568004	18.66%	1.152%
67	14.668	1981	1986	1992	rVV2	166668	248815	8.17%	0.505%
68	14.739	1995	1998	2002	rVB	87391	116832	3.84%	0.237%
69	14.792	2002	2007	2013	rBV4	138262	211799	6.96%	0.430%
70	14.880	2019	2022	2028	rBV4	66247	106946	3.51%	0.217%
71	14.939	2030	2032	2035	rVB	66489	69040	2.27%	0.140%

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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A51

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

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

72	14.980	2035	2039	2044	rVB7	38230	65442	2.15%	0.133%
73	15.045	2045	2050	2055	rBV6	112989	212965	7.00%	0.432%
74	15.127	2061	2064	2067	rVB4	75242	93804	3.08%	0.190%
75	15.257	2081	2086	2091	rVB	1404917	1969046	64.68%	3.994%
76	15.315	2091	2096	2100	rBV	267408	388177	12.75%	0.787%
77	15.398	2106	2110	2121	rVB3	285911	450035	14.78%	0.913%
78	15.480	2121	2124	2127	rBV5	38353	52639	1.73%	0.107%
79	15.527	2127	2132	2143	rVB2	274253	448500	14.73%	0.910%
80	15.609	2143	2146	2155	rVB5	105614	203691	6.69%	0.413%
81	15.686	2155	2159	2163	rBV6	45108	96632	3.17%	0.196%
82	15.739	2163	2168	2171	rBV4	66349	141851	4.66%	0.288%
83	15.915	2194	2198	2201	rBV6	50708	88270	2.90%	0.179%
84	16.009	2206	2214	2220	rBV	1429910	2300839	75.58%	4.667%
85	16.780	2343	2345	2349	rBV2	52719	58628	1.93%	0.119%
86	16.833	2349	2354	2365	rVB	573207	864093	28.39%	1.753%
87	17.015	2379	2385	2388	rBV	1488935	2186040	71.81%	4.434%
88	17.056	2388	2392	2396	rVB	987102	1350775	44.37%	2.740%
89	17.109	2396	2401	2406	rBV2	1574079	2228652	73.21%	4.521%
90	17.439	2453	2457	2463	rVB	196652	288431	9.48%	0.585%
91	17.892	2531	2534	2535	rBV	79175	80857	2.66%	0.164%
92	17.921	2535	2539	2547	rVB4	234883	471599	15.49%	0.957%
93	17.986	2548	2550	2553	rBV	67232	72805	2.39%	0.148%
94	18.209	2586	2588	2593	rBV4	70106	93301	3.06%	0.189%
95	19.080	2731	2736	2741	rVB	911473	1211500	39.80%	2.458%
96	19.415	2788	2793	2796	rBV	2134806	3011120	98.92%	6.108%
97	20.933	3048	3051	3058	rVB	487930	681636	22.39%	1.383%
98	21.209	3093	3098	3103	rBV	2018902	2642715	86.81%	5.361%
99	23.274	3443	3449	3462	rVB2	1530931	3044104	100.00%	6.175%
100	23.409	3466	3472	3485	rVB	1357389	2603052	85.51%	5.280%

Sum of corrected areas: 49298034

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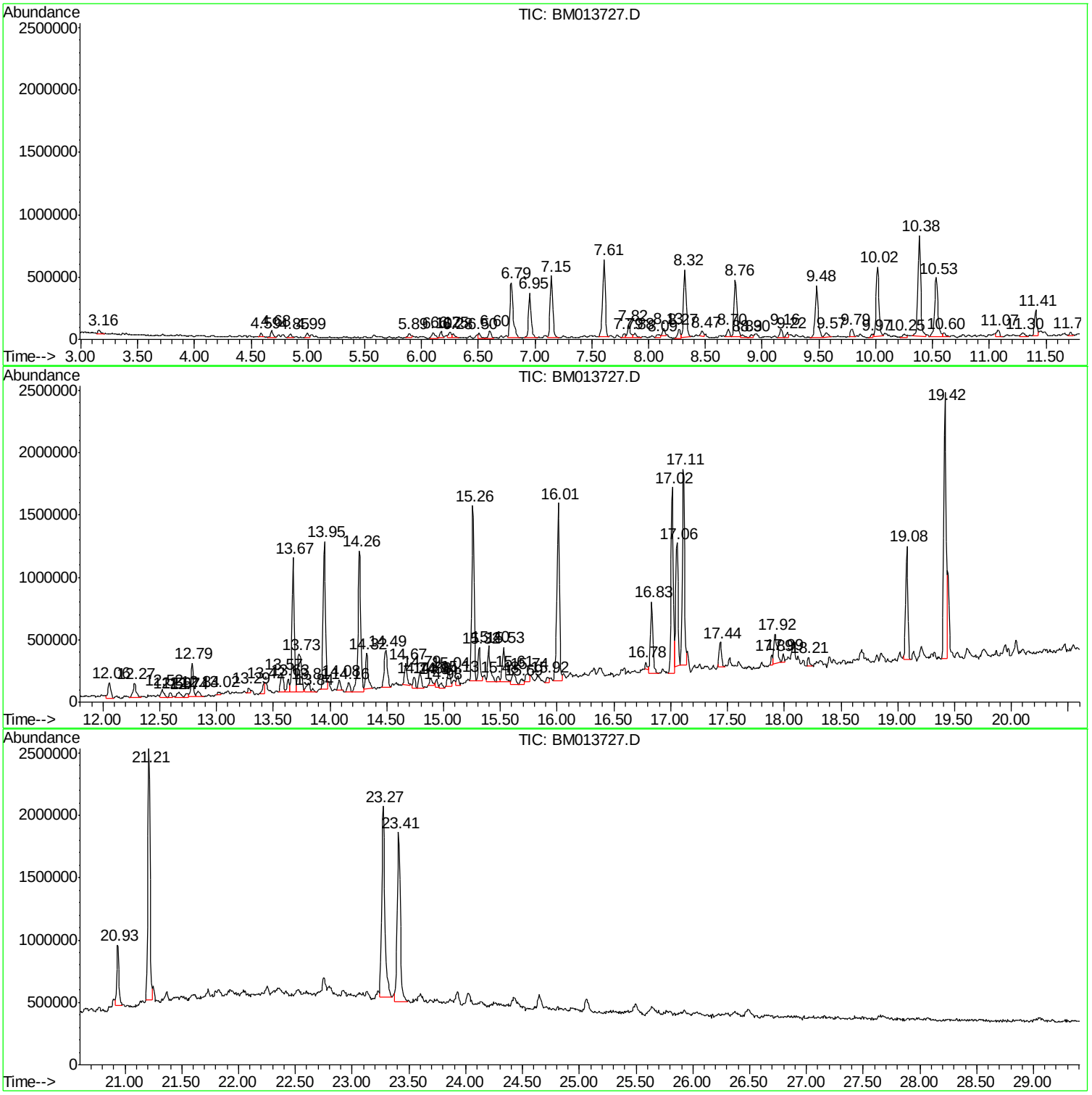
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A51

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



Library Search Compound Report

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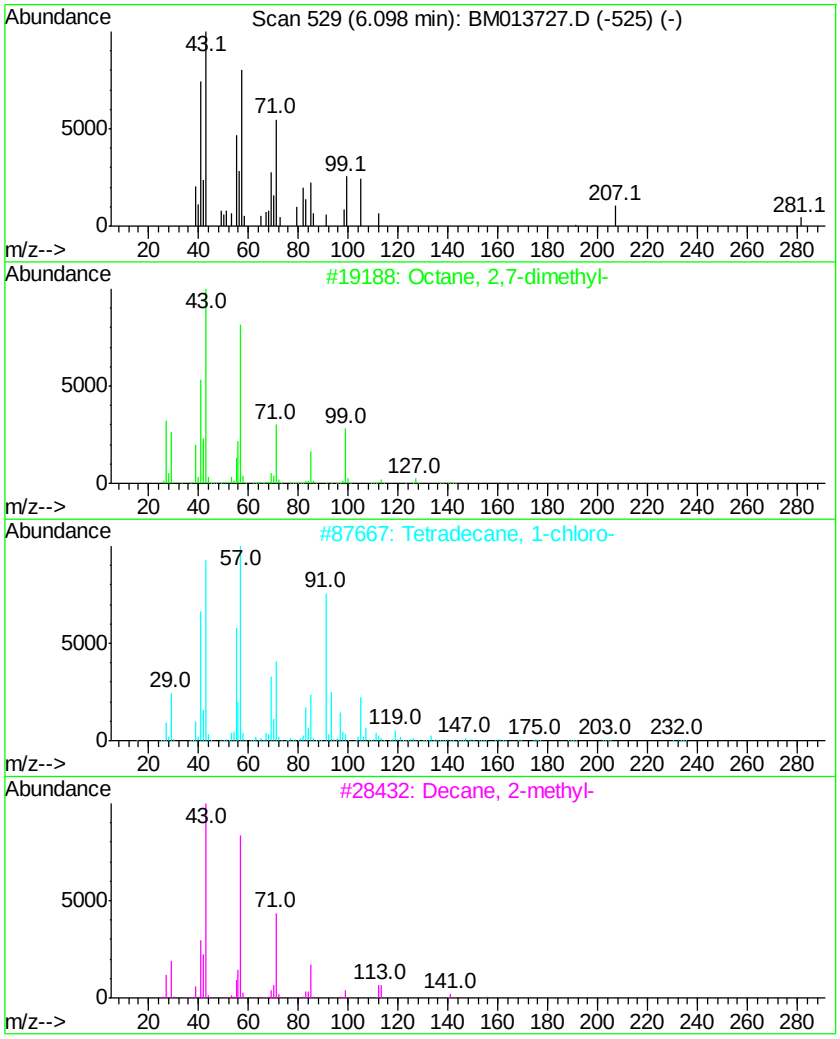
Quant Title : SVOA CALIBRATION

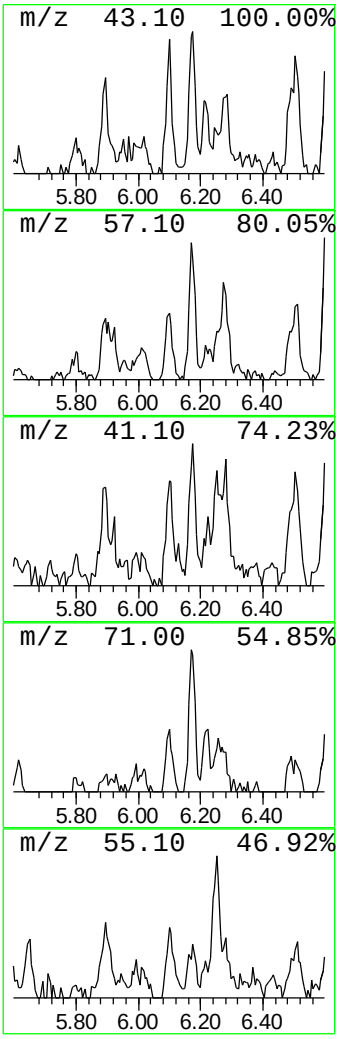
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.10	2.03 ng/ul	106452	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	43
2	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	38
3	Decane, 2-methyl-	156	C11H24	006975-98-0	38
4	Dodecane, 1-chloro-	204	C12H25Cl	000112-52-7	37
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\
Data File : BM013727.D
Acq On : 23 Jan 2018 11:34
Operator : SJ/JU
Sample : J1174-16
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A51

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

TIC Library : C:\DATABASE\NIST11.L
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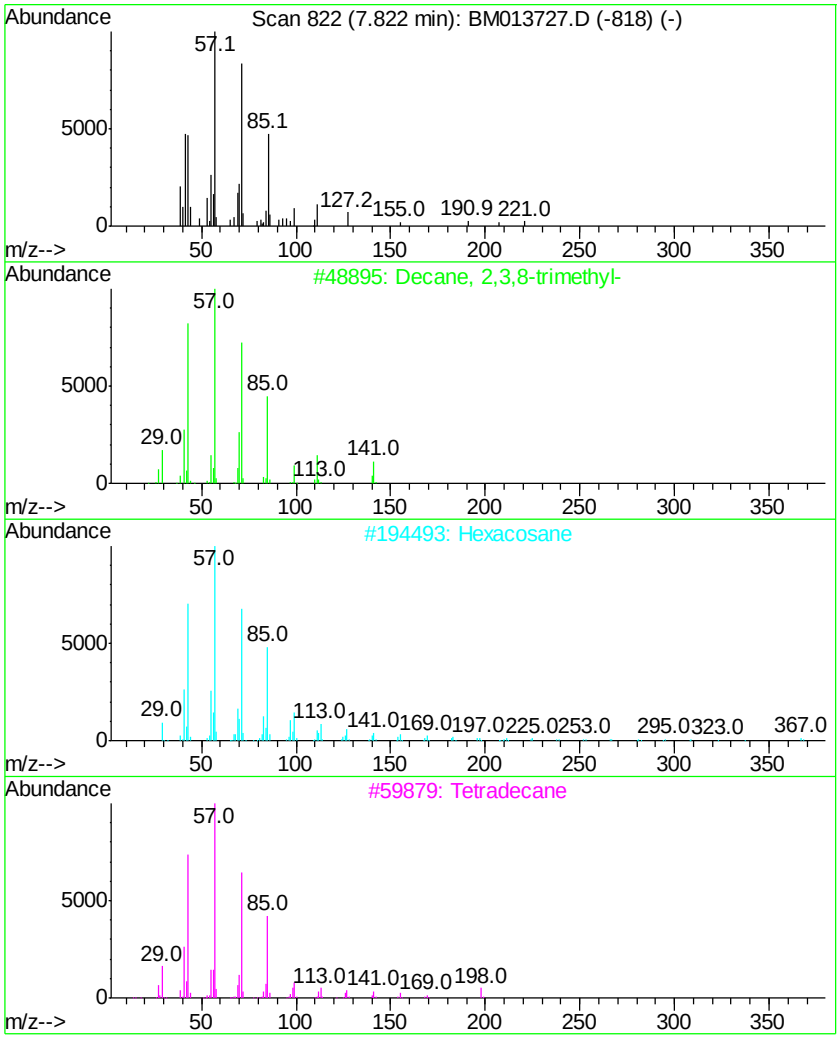
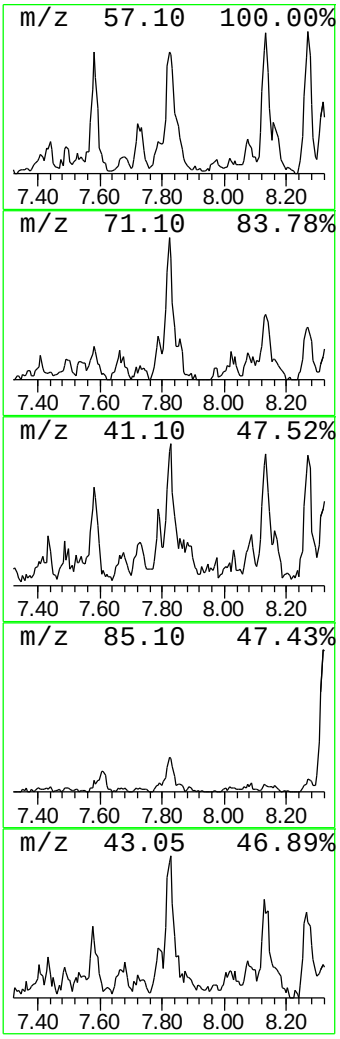
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	3.30 ng/ul	173273	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	78
2	Hexacosane	366	C26H54	000630-01-3	64
3	Tetradecane	198	C14H30	000629-59-4	64
4	Tetradecane	198	C14H30	000629-59-4	64
5	Tridecane	184	C13H28	000629-50-5	64





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Sample : J1174-16
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

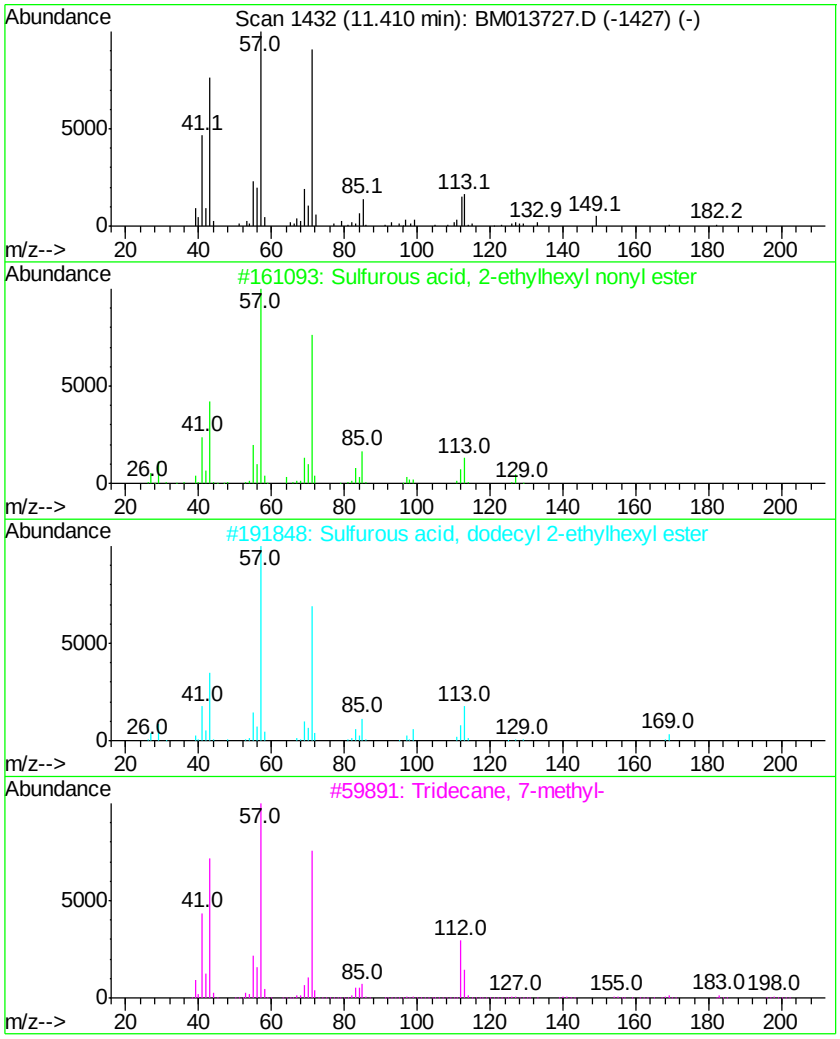
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

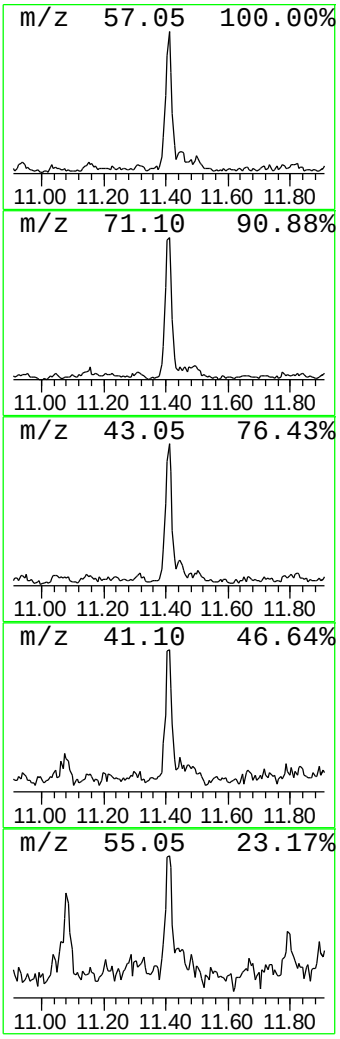
****

Peak Number 3 Sulfurous acid, 2-ethylhexy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	4.39 ng/ul	319560	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	80
2	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
3	Tridecane, 7-methyl-	198	C14H30	026730-14-3	72
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72





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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A51

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

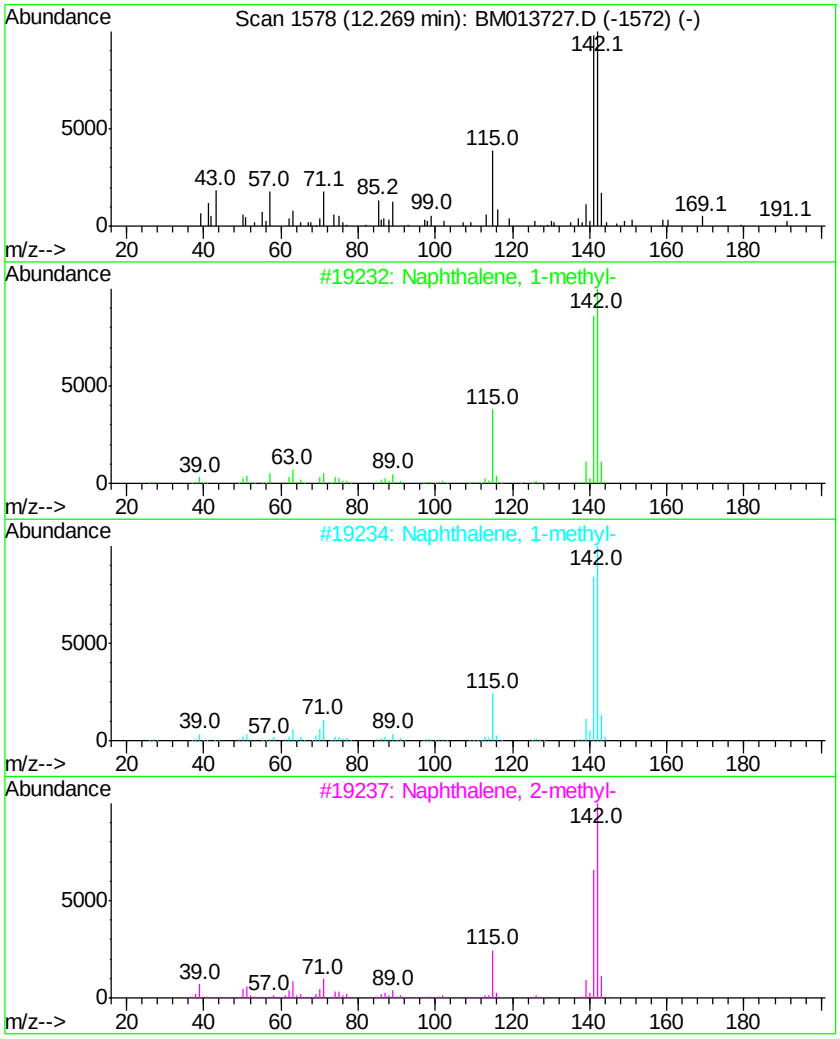
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

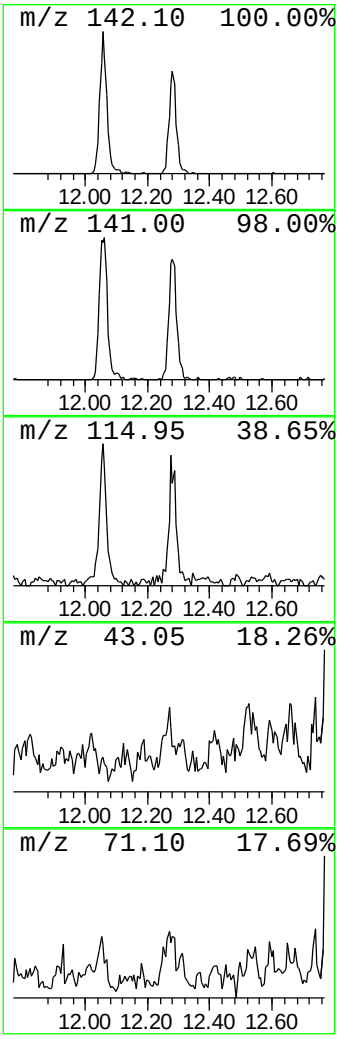
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	2.99 ng/ul	217874	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





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Operator : SJ/JU
Sample : J1174-16
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A51

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

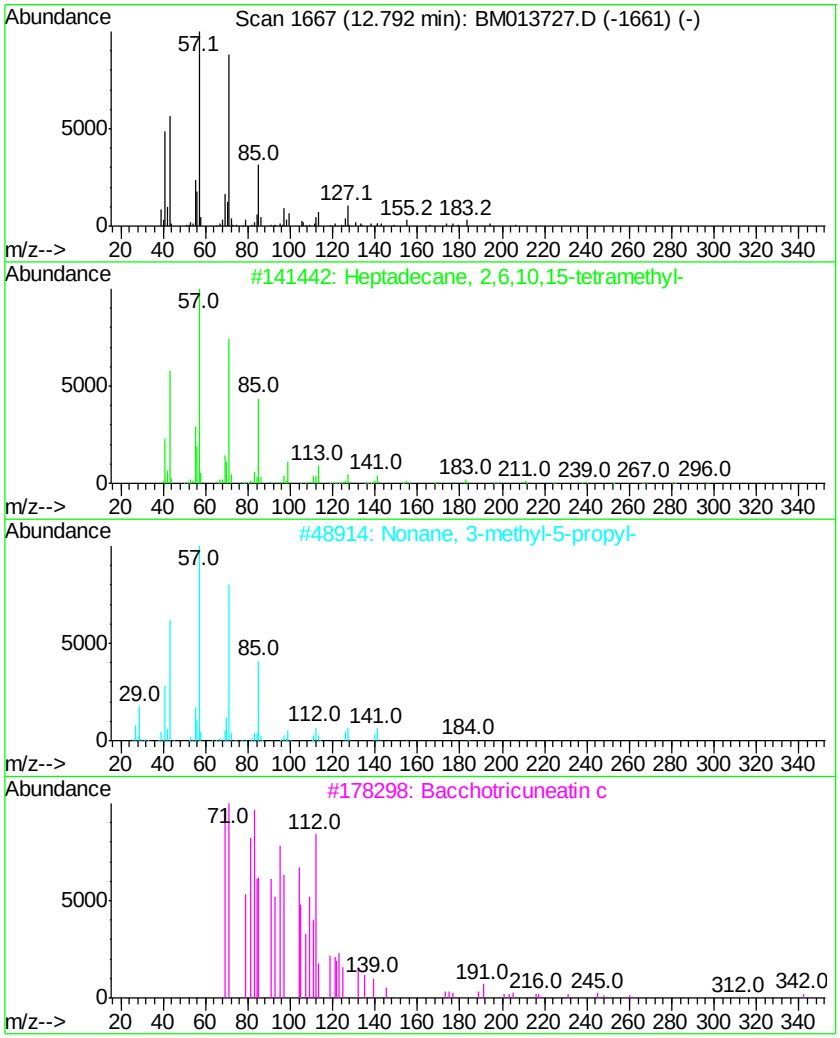
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

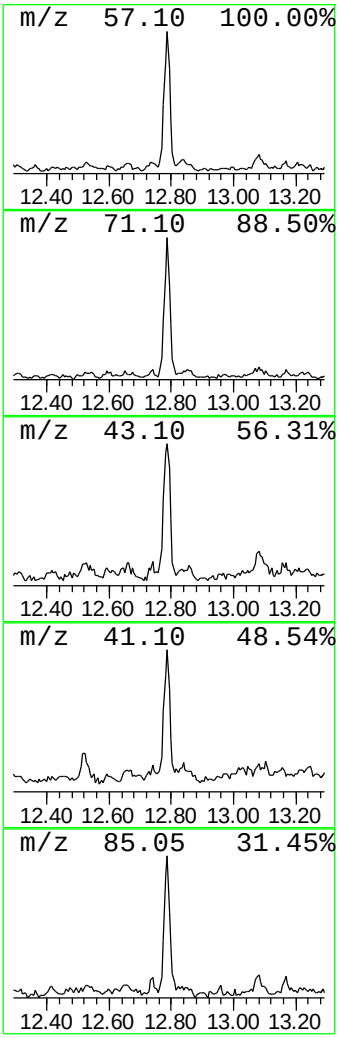
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	3.68 ng/ul	365292	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	78
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	74
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\
Data File : BM013727.D
Acq On : 23 Jan 2018 11:34
Operator : SJ/JU
Sample : J1174-16
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A51

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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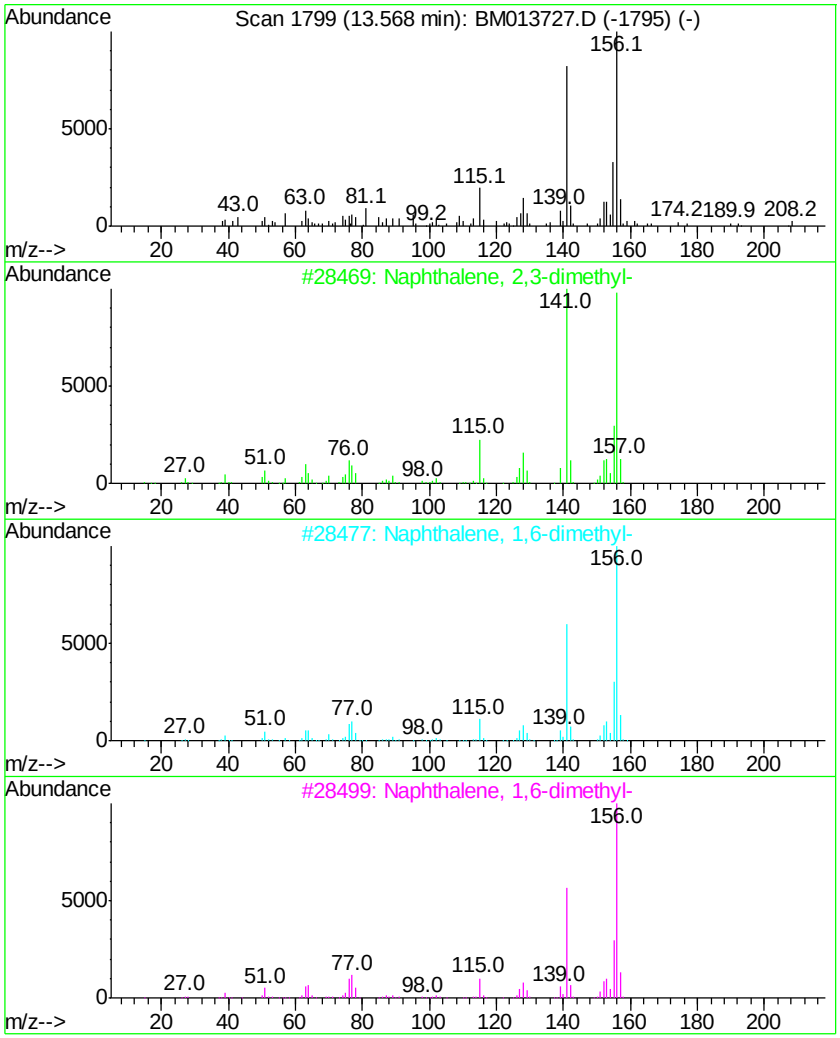
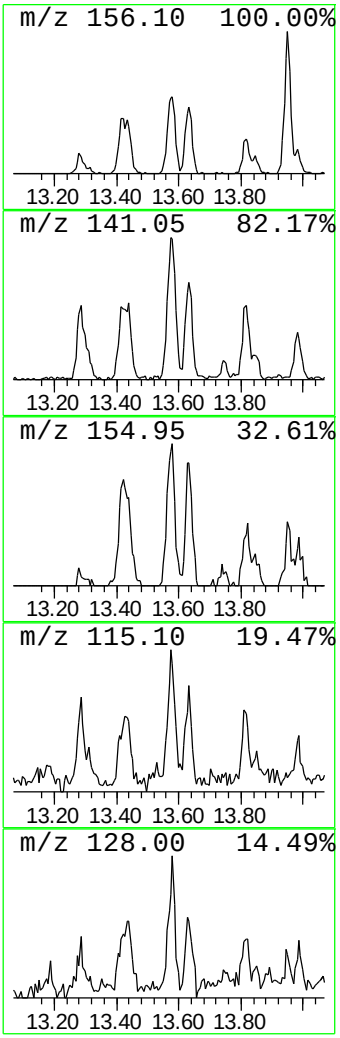
Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	2.72 ng/ul	269832	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Library Search Compound Report

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Data File : BM013727.D
Acq On : 23 Jan 2018 11:34
Operator : SJ/JU
Sample : J1174-16
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A51

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

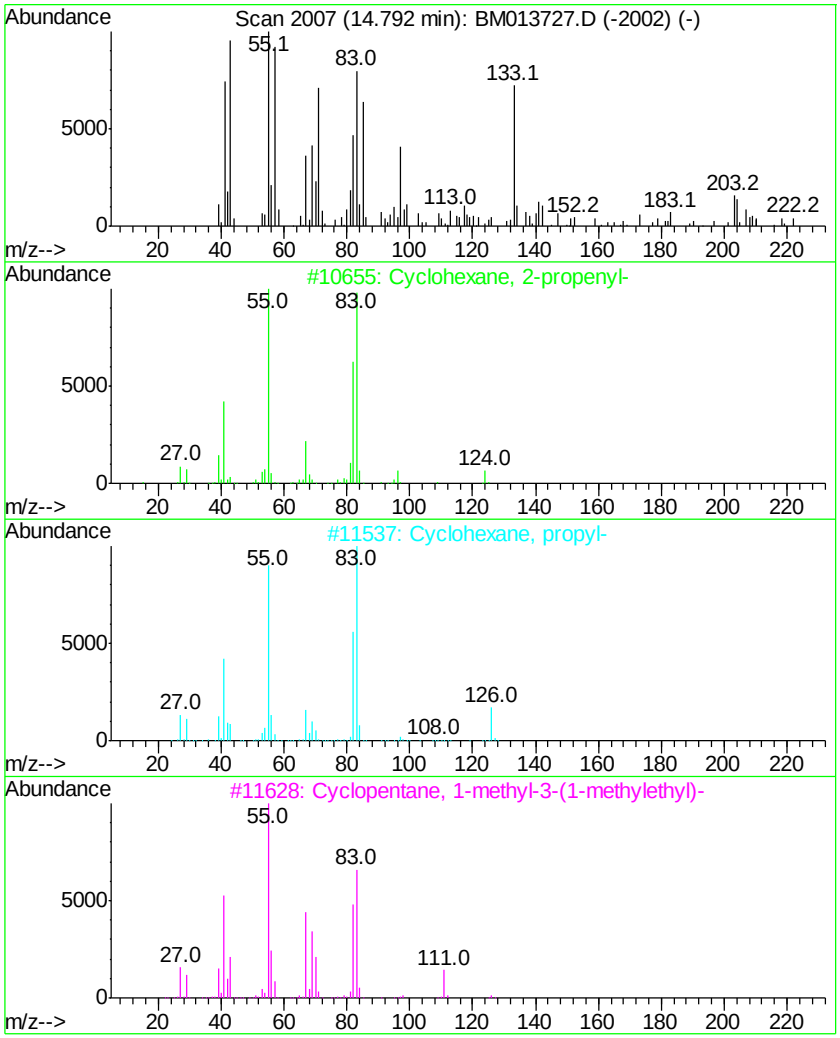
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

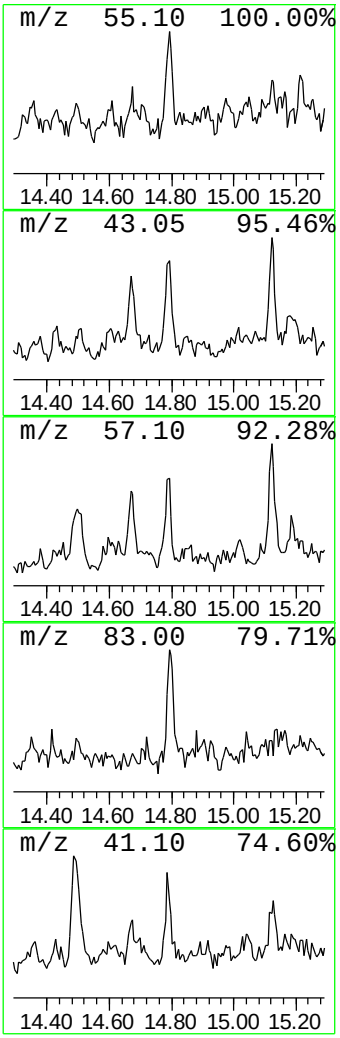
****

Peak Number 7 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.13 ng/ul	211799	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	27
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	27
3	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	27
4	Cyclohexane, isothiocyanato-	141	C7H11NS	001122-82-3	27
5	Heptylcyclohexane	182	C13H26	005617-41-4	27





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Acq On : 23 Jan 2018 11:34
Operator : SJ/JU
Sample : J1174-16
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A51

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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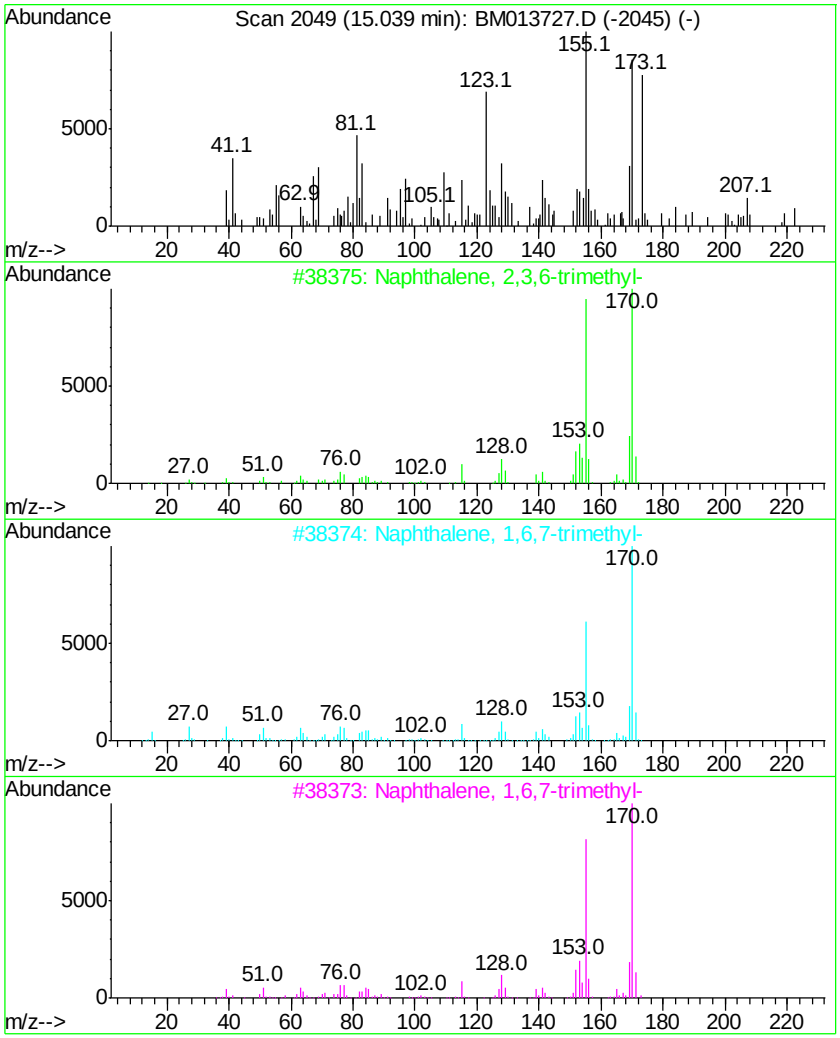
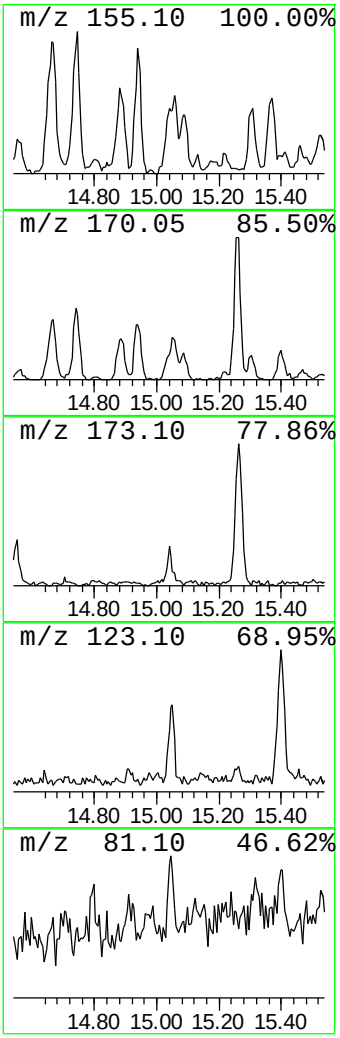
Peak Number 8 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	2.14 ng/ul	212965	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	46
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	42
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	38
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	38
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	38





Library Search Compound Report

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Acq On : 23 Jan 2018 11:34
Operator : SJ/JU
Sample : J1174-16
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A51

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

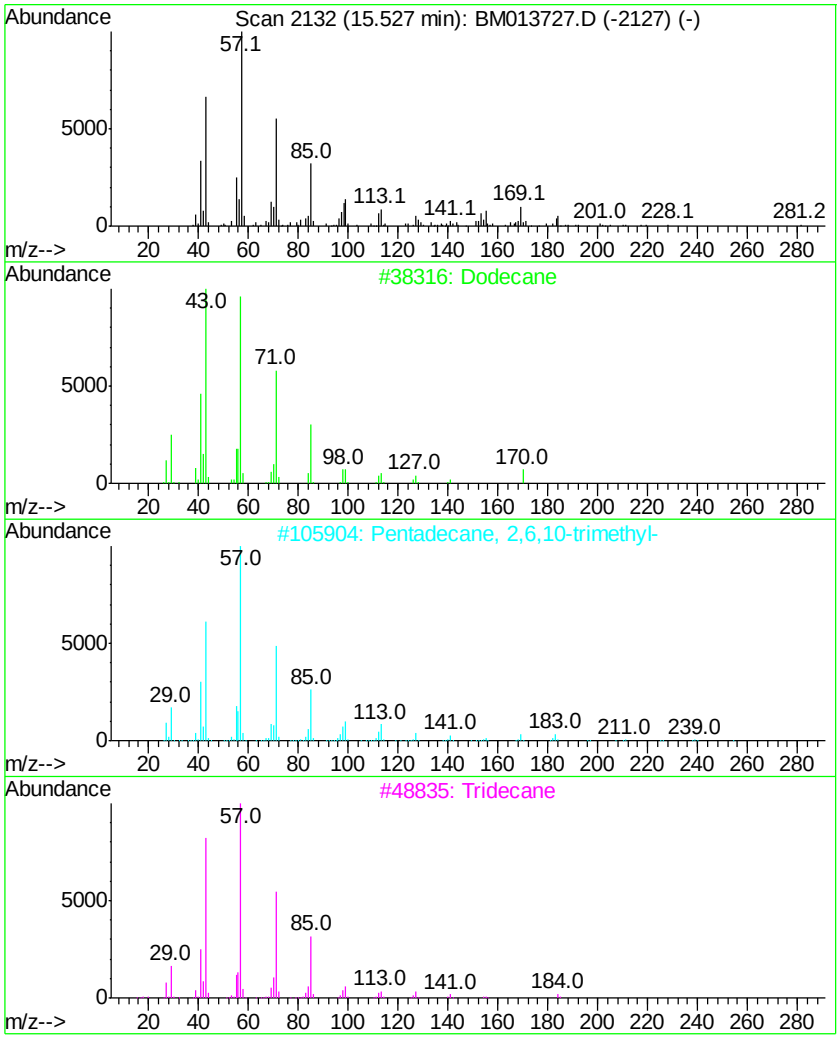
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

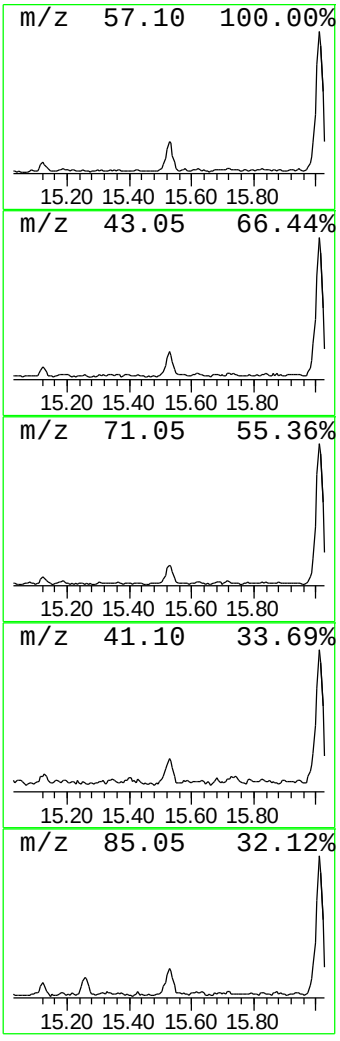
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	4.51 ng/ul	448500	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
3	Tridecane	184	C13H28	000629-50-5	76
4	Tridecane	184	C13H28	000629-50-5	76
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	74





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Data File : BM013727.D
Acq On : 23 Jan 2018 11:34
Operator : SJ/JU
Sample : J1174-16
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A51

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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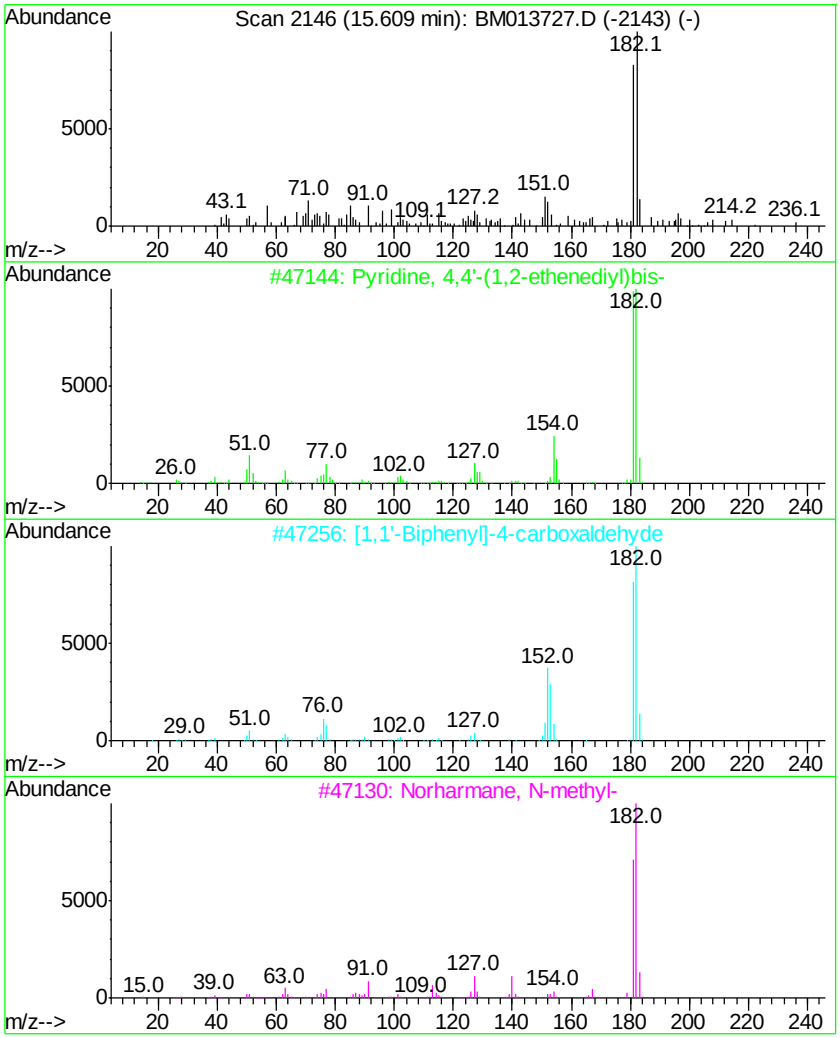
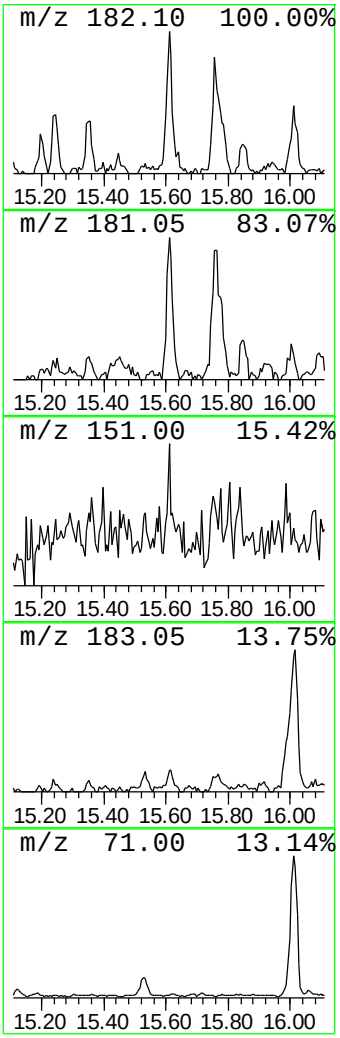
Peak Number 10 Pyridine, 4,4'-(1,2-ethened... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	2.05 ng/ul	203691	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	74
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
3	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	72
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
5	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	64





Library Search Compound Report

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Acq On : 23 Jan 2018 11:34
Operator : SJ/JU
Sample : J1174-16
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A51

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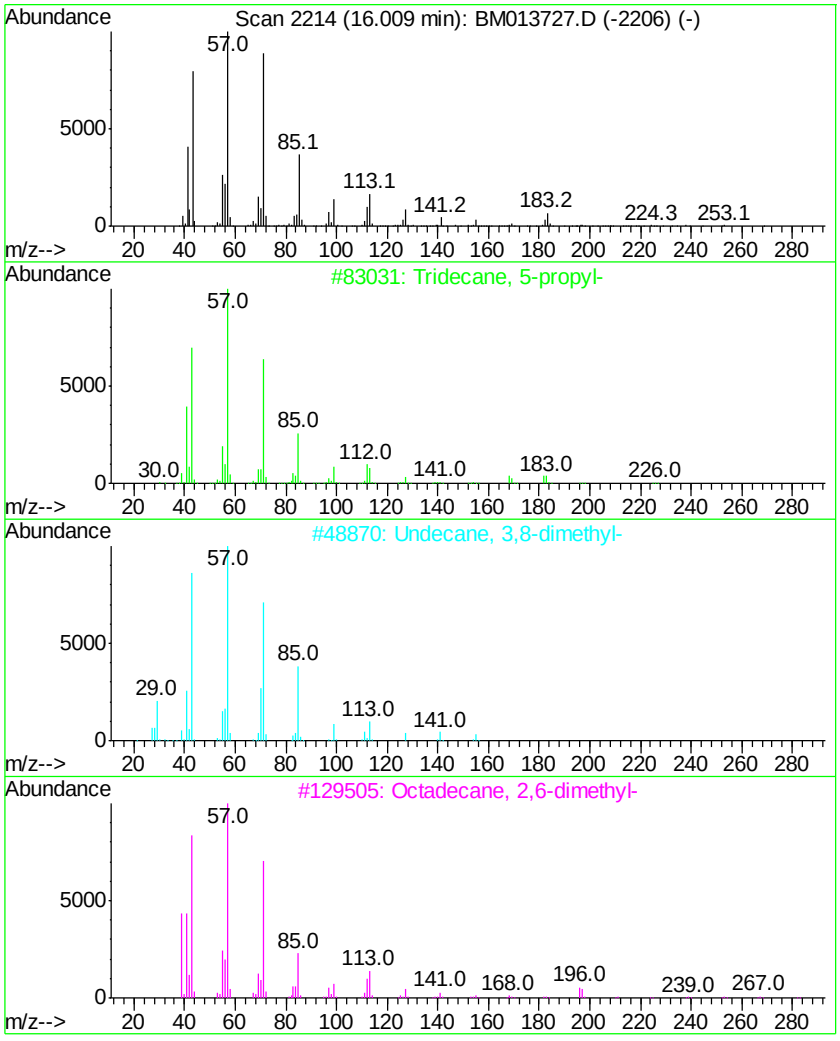
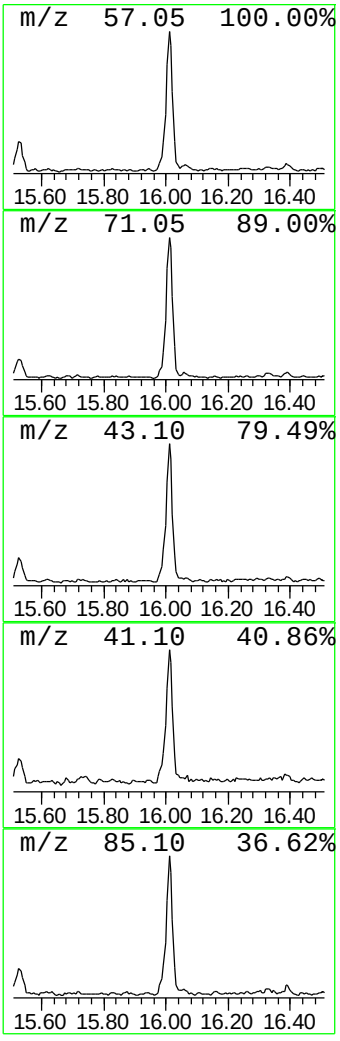
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	21.05 ng/ul	2300840	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	93
2	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	86
3	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	86
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	81
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72





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Data File : BM013727.D
Acq On : 23 Jan 2018 11:34
Operator : SJ/JU
Sample : J1174-16
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A51

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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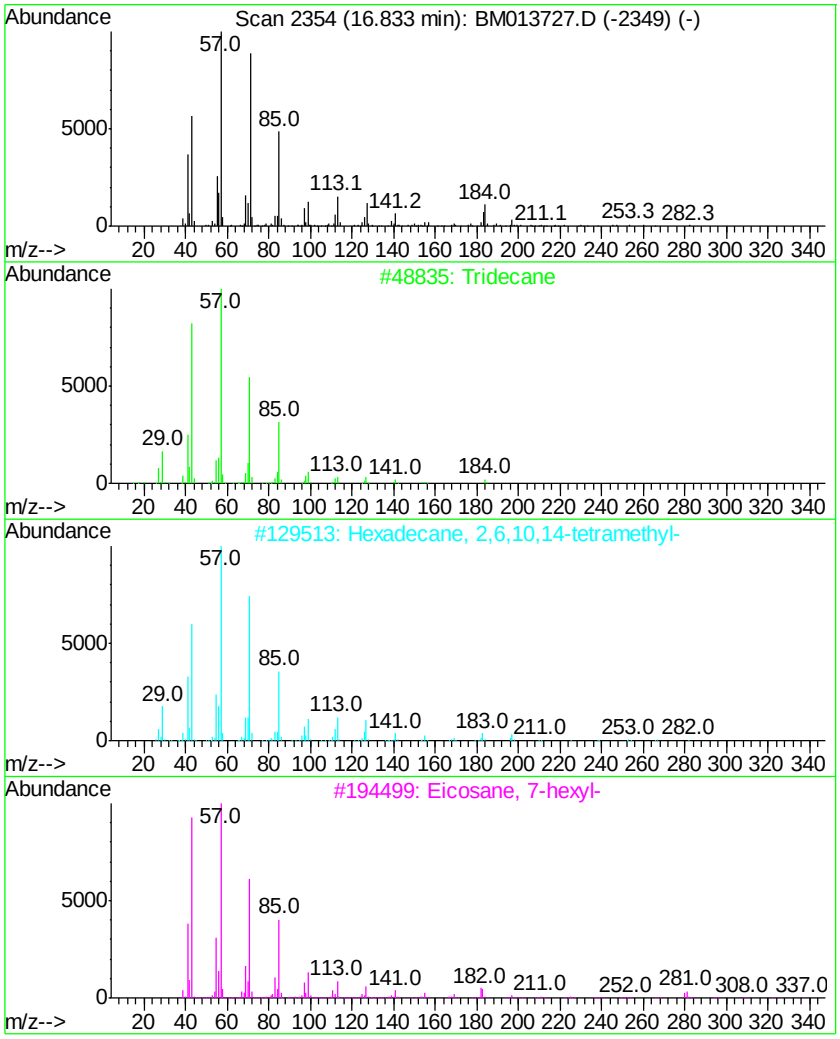
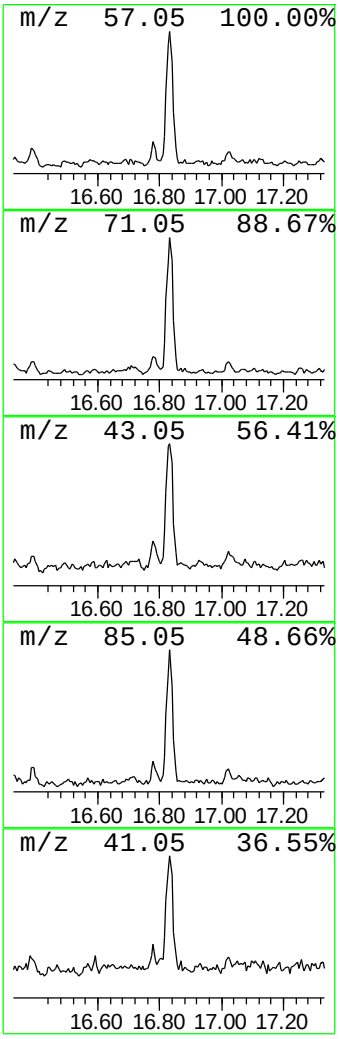
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	7.91 ng/ul	864093	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
4	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	83
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83





Library Search Compound Report

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Acq On : 23 Jan 2018 11:34
Operator : SJ/JU
Sample : J1174-16
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A51

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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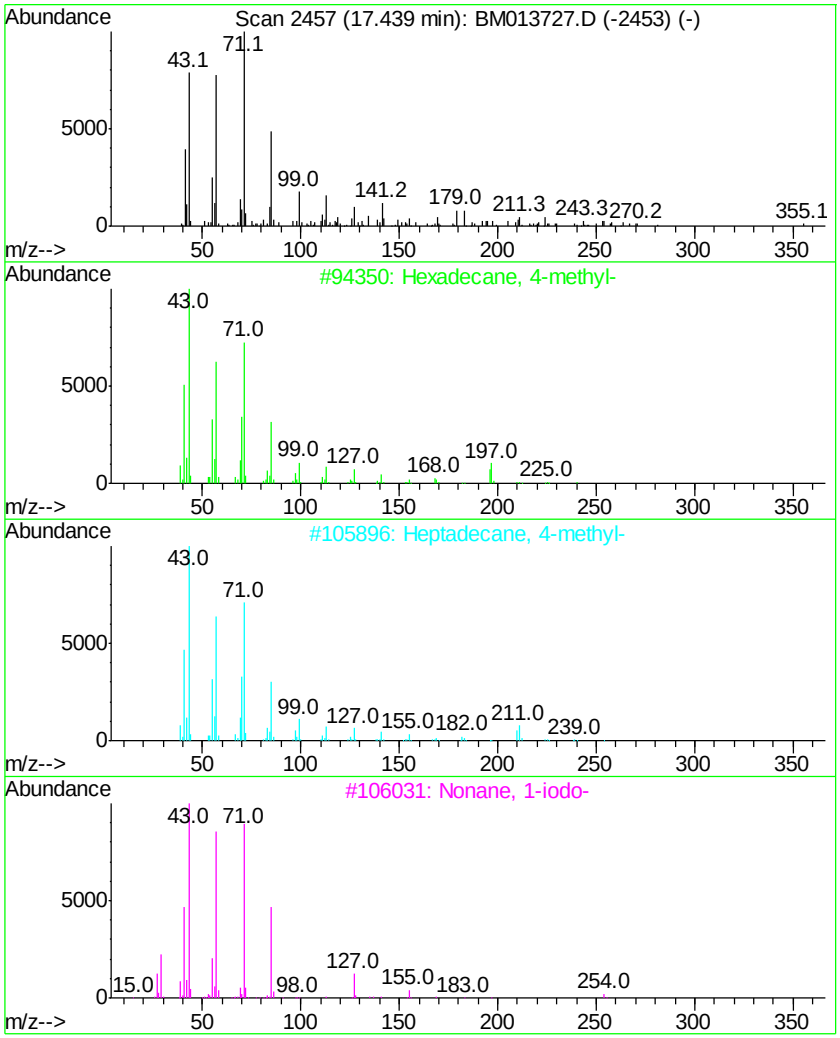
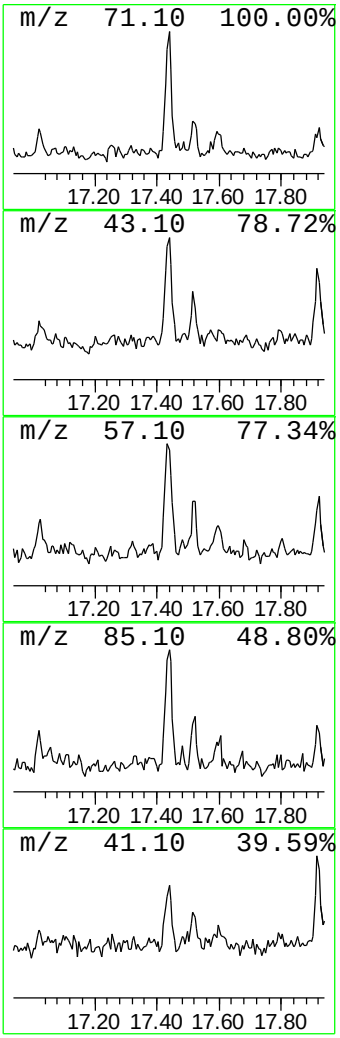
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.44	2.64 ng/ul	288431	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 4-methyl-	240	C17H36	025117-26-4	91
2	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	90
3	Nonane, 1-iodo-	254	C9H19I	004282-42-2	89
4	Tetradecane, 4,11-dimethyl-	226	C16H34	055045-12-0	86
5	Heptacosane	380	C27H56	000593-49-7	72





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Operator : SJ/JU
Sample : J1174-16
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A51

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

TIC Library : C:\DATABASE\NIST11.L
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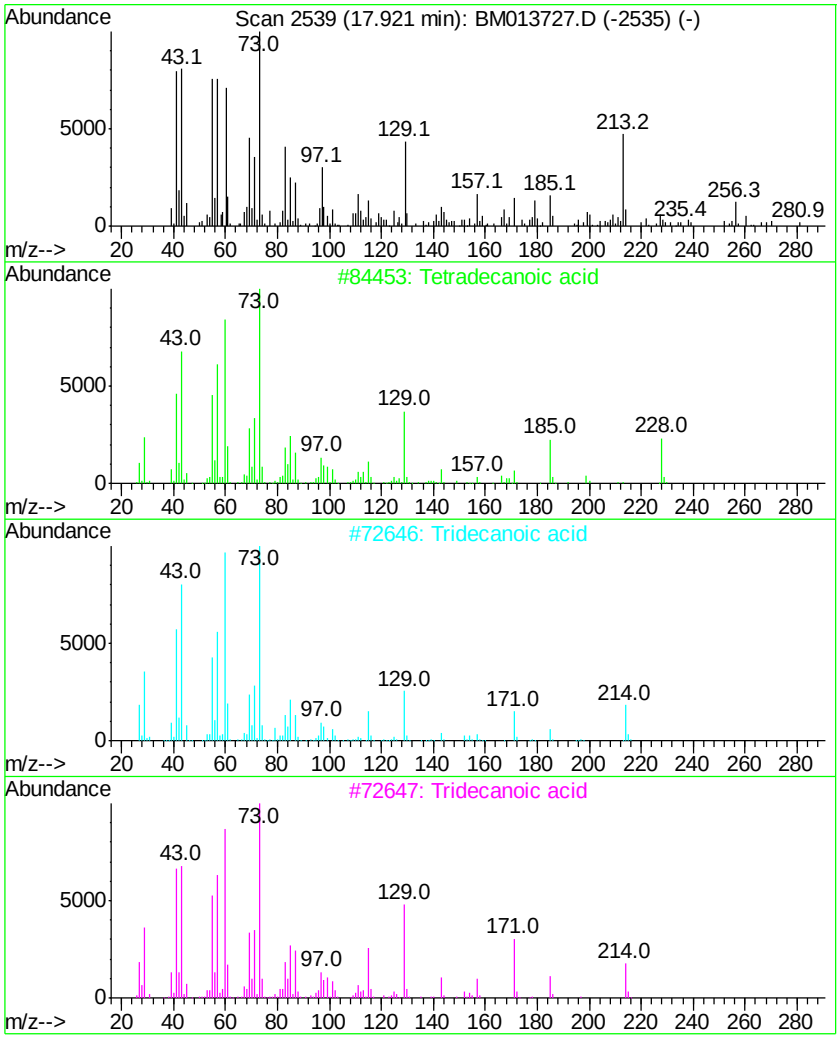
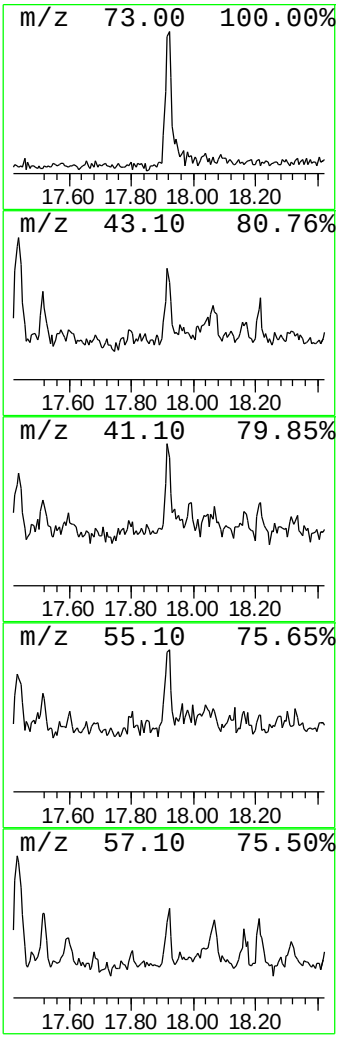
Peak Number 14 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	4.31 ng/ul	471599	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
2	Tridecanoic acid	214	C13H26O2	000638-53-9	53
3	Tridecanoic acid	214	C13H26O2	000638-53-9	46
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	46
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	46





Library Search Compound Report

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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A51

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

TIC Library : C:\DATABASE\NIST11.L
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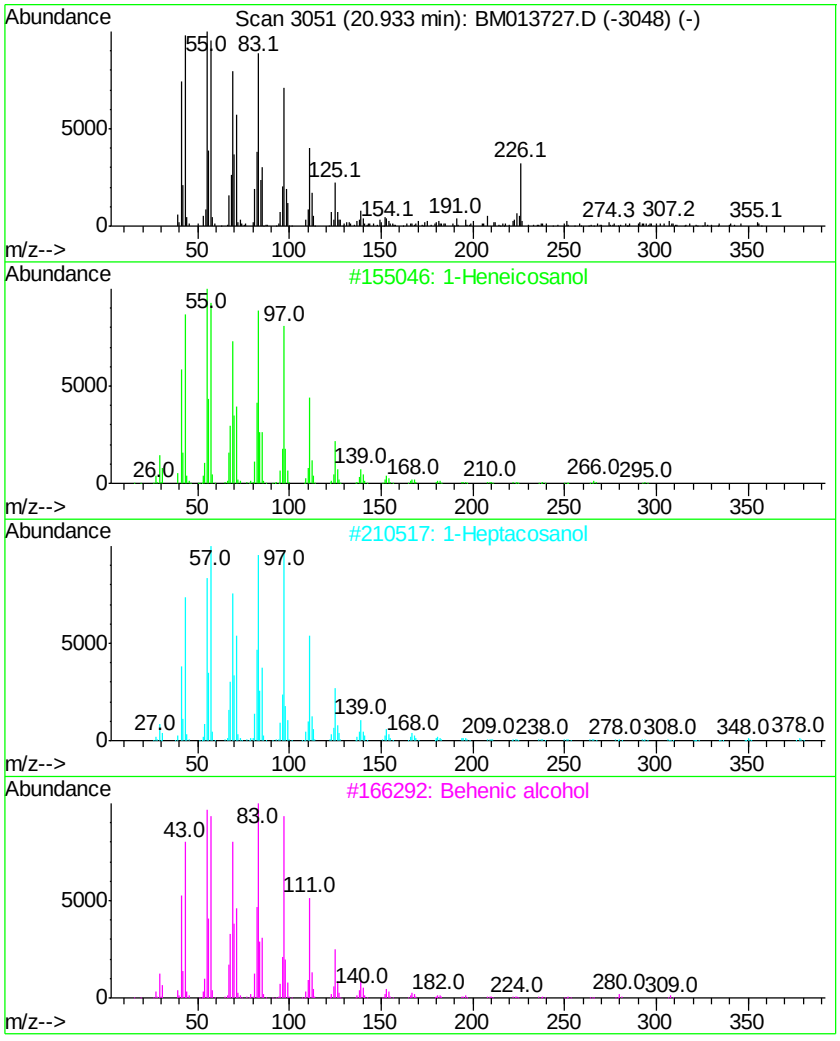
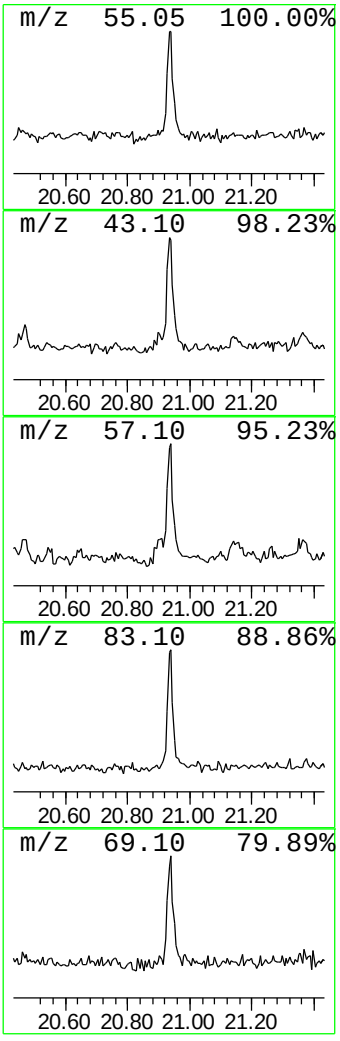
Peak Number 15 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	5.16 ng/ul	681636	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
5	1-Docosene	308	C22H44	001599-67-3	93





Tentatively Identified Compound (LSC) summary

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Data File : BM013727.D
Acq On : 23 Jan 2018 11:34
Operator : SJ/JU
Sample : J1174-16
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
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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...	6.10	2.0	ng/ul	106452	1	7.61	1049540	20.0
(DEL) Alkane: Str...	7.82	3.3	ng/ul	173273	1	7.61	1049540	20.0
Sulfurous acid, 2...	11.41	4.4	ng/ul	319560	2	10.39	1455330	20.0
Naphthalene, 1-me...	12.27	3.0	ng/ul	217874	2	10.39	1455330	20.0
(DEL) Alkane: Str...	12.79	3.7	ng/ul	365292	3	14.26	1987530	20.0
Naphthalene, 2,3-...	13.57	2.7	ng/ul	269832	3	14.26	1987530	20.0
unknown-01	14.79	2.1	ng/ul	211799	3	14.26	1987530	20.0
unknown-02	15.04	2.1	ng/ul	212965	3	14.26	1987530	20.0
(DEL) Alkane: Str...	15.53	4.5	ng/ul	448500	3	14.26	1987530	20.0
Pyridine, 4,4'-(1...	15.61	2.0	ng/ul	203691	3	14.26	1987530	20.0
(DEL) Alkane: Str...	16.01	21.1	ng/ul	2300840	4	17.02	2186040	20.0
(DEL) Alkane: Str...	16.83	7.9	ng/ul	864093	4	17.02	2186040	20.0
(DEL) Alkane: Str...	17.44	2.6	ng/ul	288431	4	17.02	2186040	20.0
Tetradecanoic acid	17.92	4.3	ng/ul	471599	4	17.02	2186040	20.0
1-Heneicosanol	20.93	5.2	ng/ul	681636	5	21.21	2642720	20.0