LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013610.D
Acq On : 16 Jan 2018 06:04
Operator : SJ/JU
Sample : J1080-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM9

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	6.311	558	565	571	rBV3	54469	89917	3.19%	0.156%
2	6.799	643	648	660	rVB	421480	776506	27.56%	1.349%
3	6.963	670	676	684	rVB	358843	556374	19.75%	0.967%
4	7.152	703	708	719	rVB	422613	683688	24.27%	1.188%
5	7.616	778	787	794	rBV	657260	1044520	37.08%	1.815%
6	8.328	901	908	920	rBV	504931	861872	30.59%	1.497%
7	8.775	976	984	991	rBV	455791	774048	27.47%	1.345%
8	8.952	1011	1014	1021	rVB7	20846	45620	1.62%	0.079%
9	9.493	1098	1106	1115	rBV	287083	518844	18.42%	0.901%
10	10.028	1187	1197	1205	rBV	437535	762450	27.06%	1.325%
11	10.393	1247	1259	1267	rBV	847579	1563532	55.50%	2.716%
12	10.546	1274	1285	1294	rBV2	474108	1111958	39.47%	1.932%
13	10.775	1317	1324	1334	rBV10	45090	137329	4.87%	0.239%
14	10.881	1337	1342	1347	rVB7	34927	58862	2.09%	0.102%
15	11.069	1368	1374	1375	rBV6	21738	36965	1.31%	0.064%
16	11.157	1386	1389	1394	rVB6	19038	32547	1.16%	0.057%
17	11.228	1396	1401	1407	rBV7	29823	66870	2.37%	0.116%
18	11.310	1407	1415	1422	rVB9	53192	122641	4.35%	0.213%
19	11.422	1427	1434	1438	rBV	144821	273221	9.70%	0.475%
20	11.575	1454	1460	1464	rBV8	29811	58651	2.08%	0.102%
21	11.669	1469	1476	1483	rBV7	55391	122532	4.35%	0.213%
22	11.728	1483	1486	1495	rVB10	25473	46189	1.64%	0.080%
23	11.828	1495	1503	1508	rBV	272218	472611	16.78%	0.821%
24	11.910	1514	1517	1519	rBV4	22208	34334	1.22%	0.060%
25	12.128	1550	1554	1559	rBV6	38809	77933	2.77%	0.135%
26	12.198	1562	1566	1569	rBV5	40215	57484	2.04%	0.100%
27	12.287	1575	1581	1584	rBV6	52749	102140	3.63%	0.177%
28	12.475	1605	1613	1618	rBV10	75372	207768	7.37%	0.361%
29	12.587	1628	1632	1638	rVB8	37318	80089	2.84%	0.139%
30	12.657	1640	1644	1647	rBV5	75996	118442	4.20%	0.206%
31	12.745	1655	1659	1663	rBV3	86423	156087	5.54%	0.271%
32	12.798	1663	1668	1673	rVB	292337	424684	15.07%	0.738%
33	13.092	1710	1718	1725	rVB	605591	998749	35.45%	1.735%
34	13.181	1729	1733	1736	rBV5	92902	129029	4.58%	0.224%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013610.D
Acq On : 16 Jan 2018 06:04
Operator : SJ/JU
Sample : J1080-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM9

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	13.328	1750	1758	1761	rBV9	76439	187810	6.67%	0.326%
36	13.587	1797	1802	1806	rBV2	151887	296778	10.53%	0.516%
37	13.687	1813	1819	1823	rVV	1024593	1435487	50.95%	2.494%
38	13.734	1823	1827	1828	rVV	322206	401914	14.27%	0.698%
39	13.757	1828	1831	1834	rVV2	472459	598591	21.25%	1.040%
40	13.798	1834	1838	1845	rVB3	190865	323825	11.49%	0.563%
41	13.875	1847	1851	1854	rVB4	105803	144065	5.11%	0.250%
42	13.957	1860	1865	1870	rBV	1153160	1615867	57.36%	2.807%
43	14.092	1885	1888	1896	rVB8	120300	290341	10.31%	0.504%
44	14.175	1897	1902	1907	rBV	1078916	1429841	50.75%	2.484%
45	14.269	1907	1918	1925	rBV2	1249460	2283263	81.04%	3.967%
46	14.675	1984	1987	1993	rVB3	236356	326988	11.61%	0.568%
47	14.798	2004	2008	2014	rVB3	379341	543837	19.30%	0.945%
48	15.133	2061	2065	2069	rVB	1204166	1438520	51.06%	2.499%
49	15.269	2083	2088	2092	rVB	1347647	1924311	68.30%	3.343%
50	15.539	2130	2134	2139	rVB2	637537	1020798	36.23%	1.773%
51	15.692	2156	2160	2165	rBV3	245144	404996	14.38%	0.704%
52	15.751	2167	2170	2177	rVB6	229595	393068	13.95%	0.683%
53	15.998	2208	2212	2214	rBV	1520901	1996626	70.87%	3.469%
54	16.675	2323	2327	2335	rBV	525160	799183	28.37%	1.388%
55	16.792	2343	2347	2350	rBV	1069528	1222417	43.39%	2.124%
56	16.839	2351	2355	2366	rVB	886272	1487028	52.78%	2.583%
57	17.022	2381	2386	2394	rBV	1464587	2168757	76.98%	3.768%
58	17.122	2398	2403	2408	rVB	1582948	2249442	79.84%	3.908%
59	17.445	2455	2458	2464	rVV2	172699	230166	8.17%	0.400%
60	17.527	2468	2472	2478	rVB	917901	1112471	39.49%	1.933%
61	18.133	2572	2575	2579	rVB4	226131	284301	10.09%	0.494%
62	18.222	2586	2590	2595	rBV	687724	844756	29.98%	1.468%
63	18.304	2600	2604	2614	rVB3	548233	913688	32.43%	1.587%
64	18.492	2632	2636	2646	rVB	1914184	2725182	96.73%	4.734%
65	18.857	2695	2698	2705	rVB	524262	684514	24.30%	1.189%
66	19.145	2744	2747	2753	rVB4	236277	327028	11.61%	0.568%
67	19.421	2789	2794	2802	rBV	1766789	2817291	100.00%	4.894%
68	19.868	2866	2870	2875	rVB	1547613	1888213	67.02%	3.280%
69	19.980	2886	2889	2893	rVB	221421	242783	8.62%	0.422%
70	20.474	2970	2973	2976	rVB	155131	182180	6.47%	0.316%
71	20.933	3048	3051	3057	rVB	311804	416673	14.79%	0.724%

LSC Area Percent Report

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Data File : BM013610.D
Acq On : 16 Jan 2018 06:04
Operator : SJ/JU
Sample : J1080-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM9

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	21.215	3094	3099	3108	rBV	1834193	2349636	83.40%	4.082%
73	23.274	3443	3449	3461	rVB2	1390951	2704518	96.00%	4.698%
74	23.415	3467	3473	3481	rVB	1256677	2251860	79.93%	3.912%

Sum of corrected areas: 57563499

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Data File : BM013610.D
Acq On : 16 Jan 2018 06:04
Operator : SJ/JU
Sample : J1080-09
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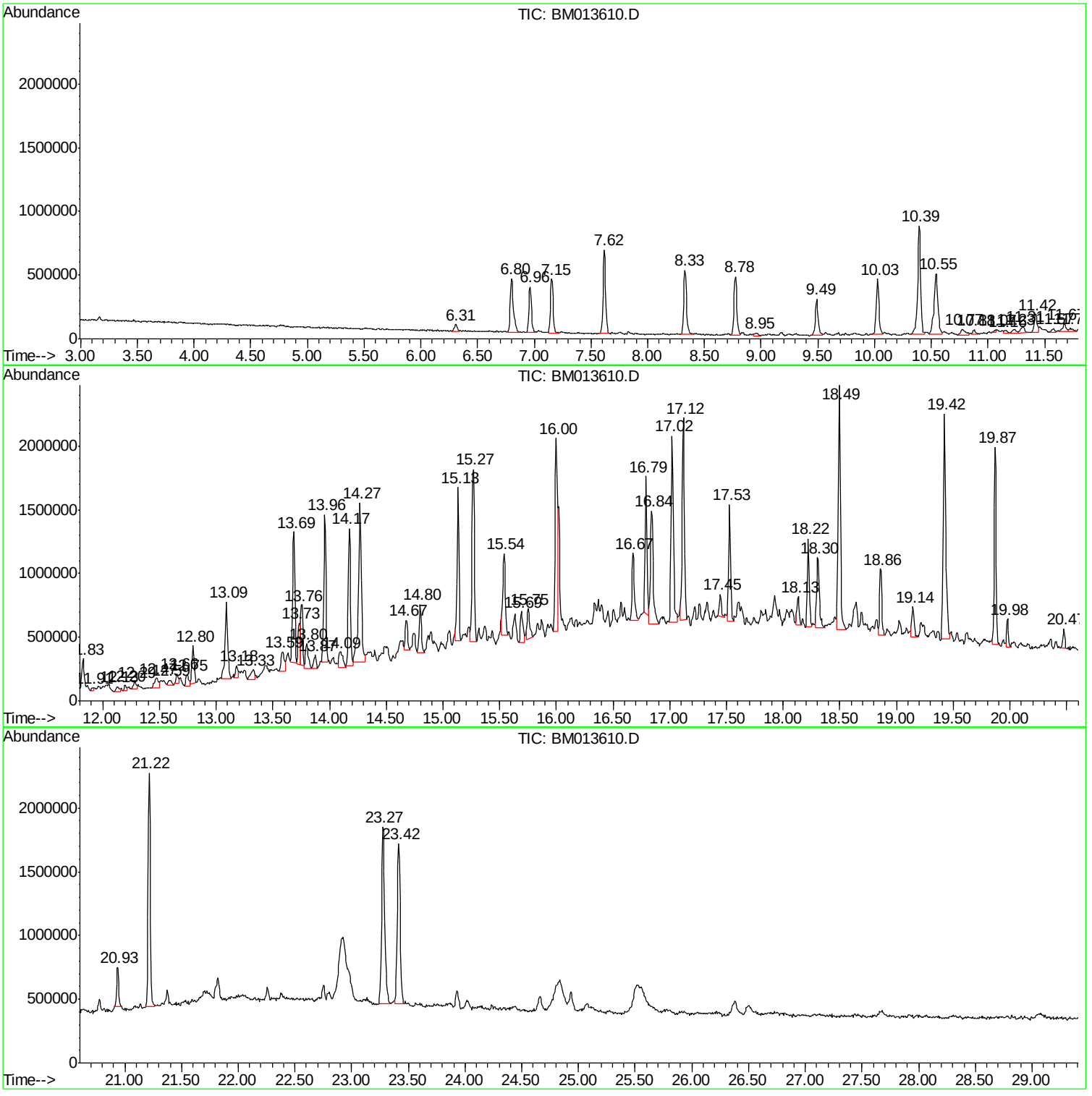
Instrument :
BNA_M
ClientSampleId :
DAJM9

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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Data File : BM013610.D
Acq On : 16 Jan 2018 06:04
Operator : SJ/JU
Sample : J1080-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM9

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

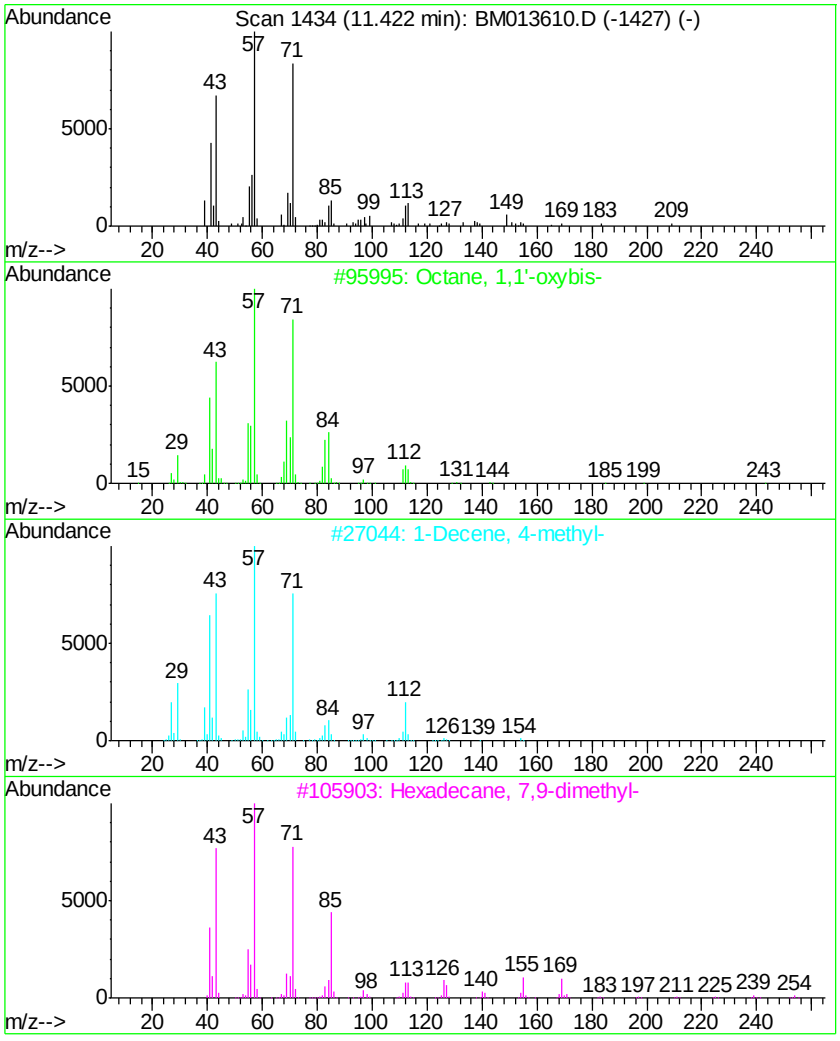
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

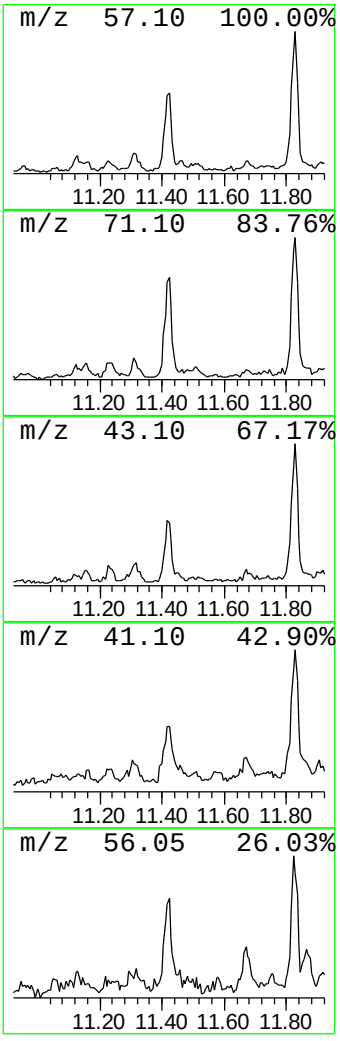
****

Peak Number 1 Octane, 1,1'-oxybis- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	3.49 ng/ul	273221	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	64
2	1-Decene, 4-methyl-	154	C11H22	013151-29-6	62
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	59
4	Decane, 4-methyl-	156	C11H24	002847-72-5	59
5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	59





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Data File : BM013610.D
Acq On : 16 Jan 2018 06:04
Operator : SJ/JU
Sample : J1080-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM9

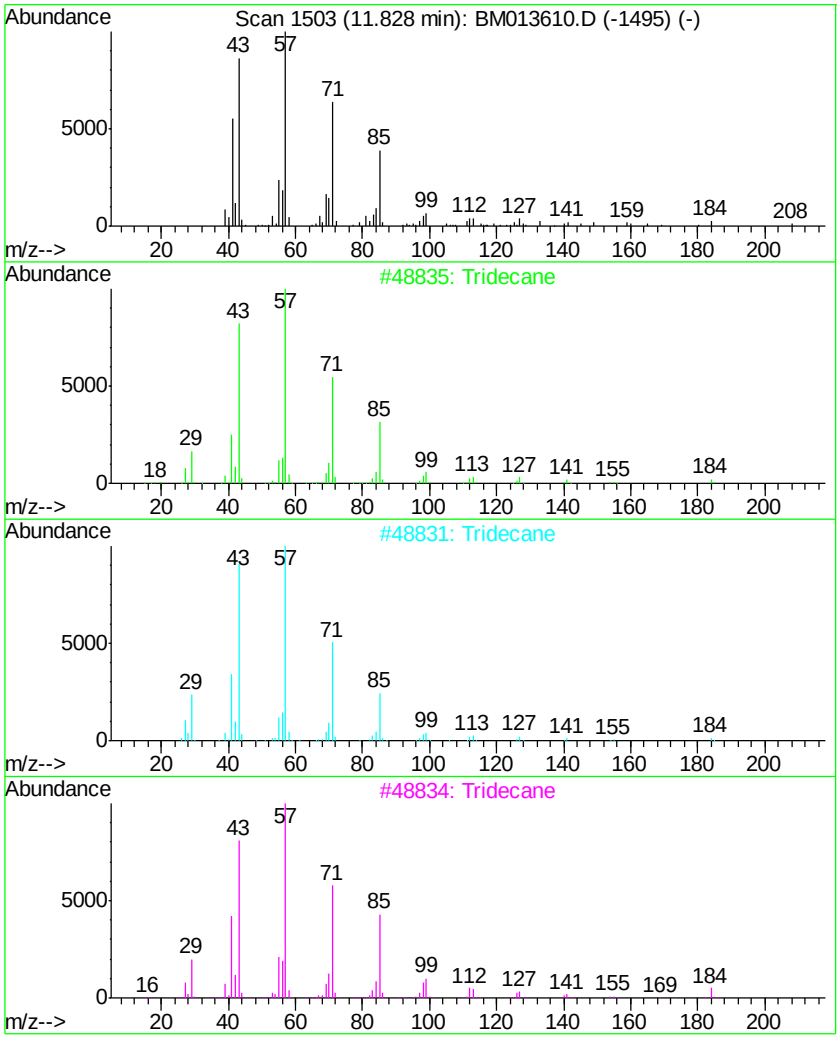
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

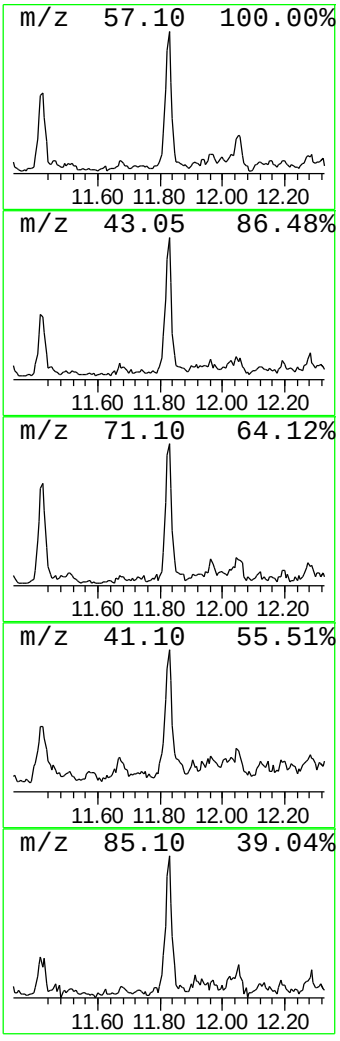
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	6.05 ng/ul	472611	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	97
2	Tridecane	184	C13H28	000629-50-5	93
3	Tridecane	184	C13H28	000629-50-5	93
4	Tridecane	184	C13H28	000629-50-5	91
5	Hexadecane	226	C16H34	000544-76-3	91





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013610.D
Acq On : 16 Jan 2018 06:04
Operator : SJ/JU
Sample : J1080-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM9

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

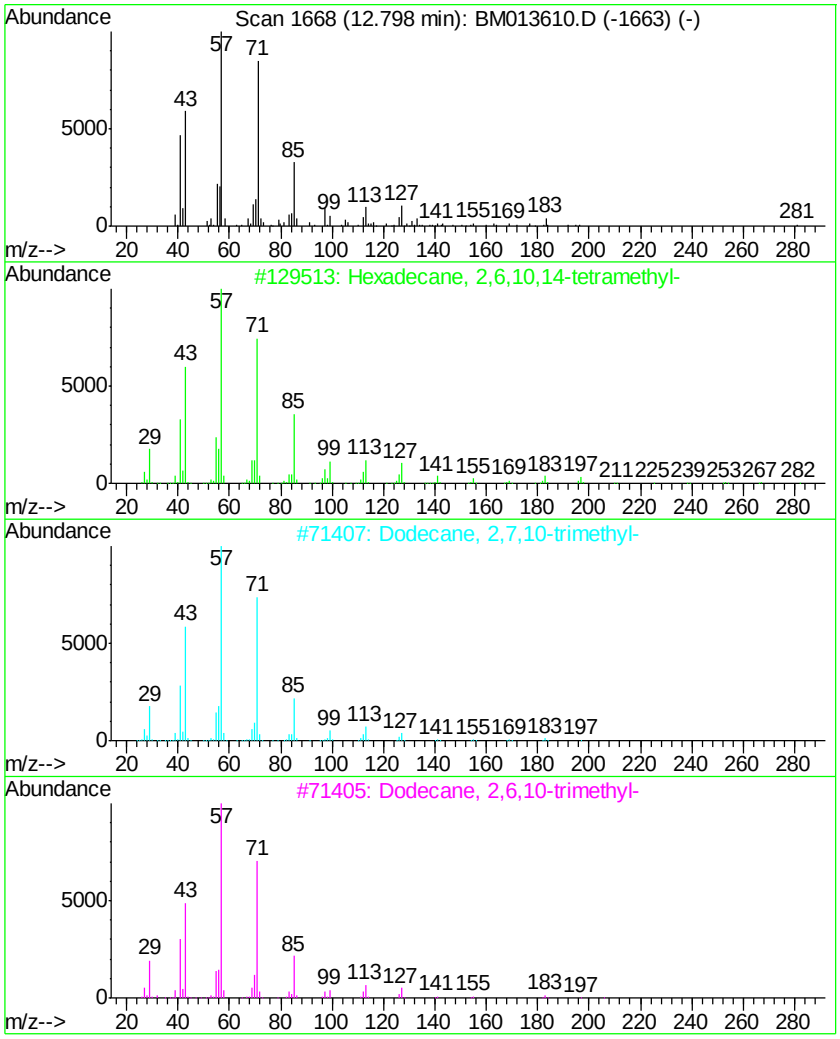
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

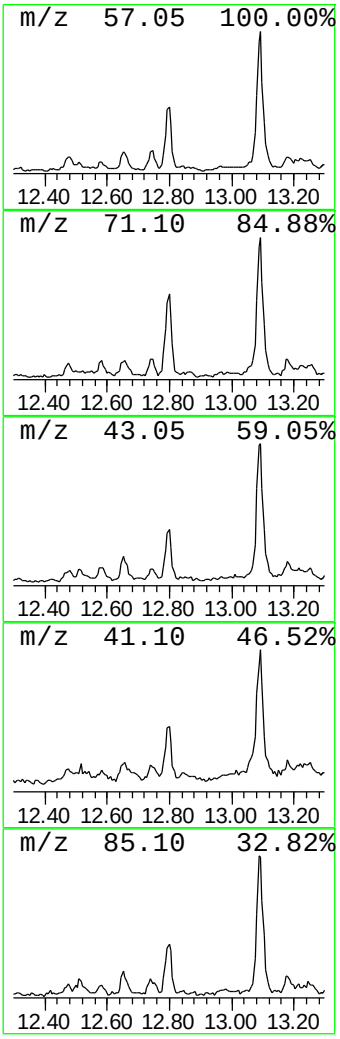
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	3.72 ng/ul	424684	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013610.D
Acq On : 16 Jan 2018 06:04
Operator : SJ/JU
Sample : J1080-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM9

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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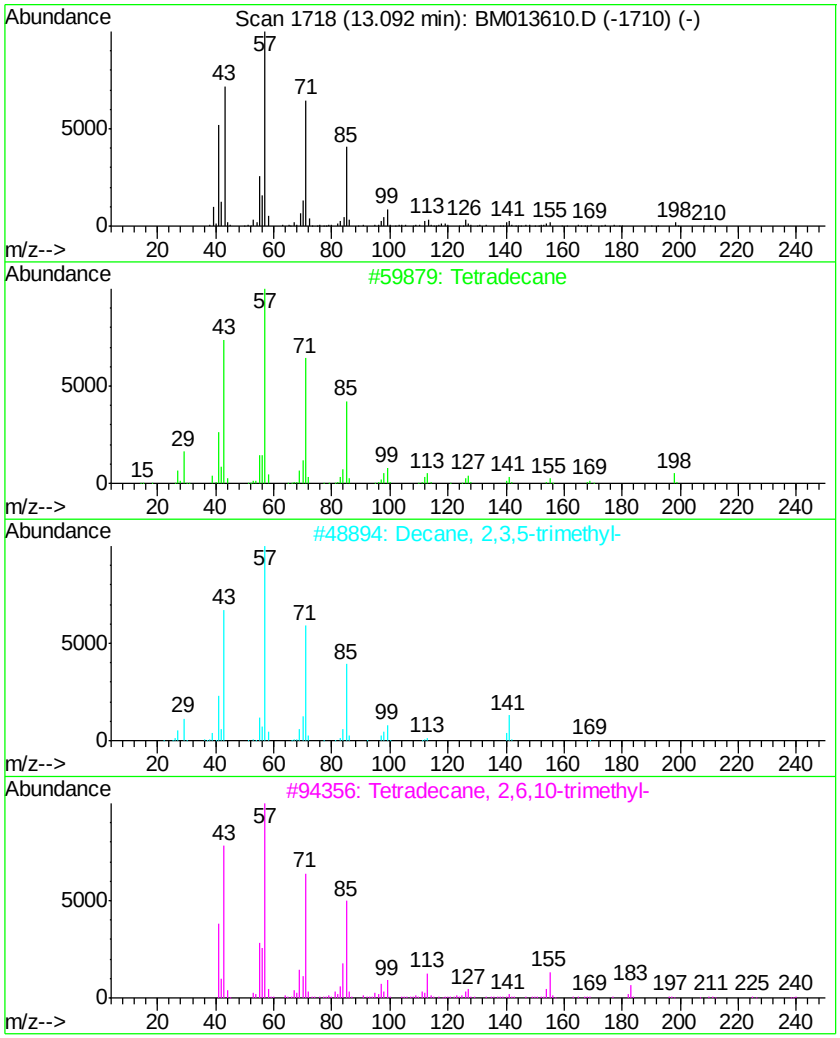
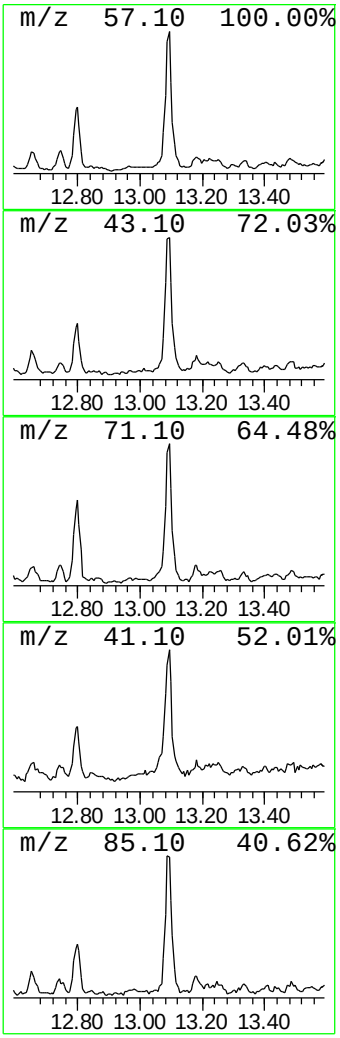
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	8.75 ng/ul	998749	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	78
4	Hexadecane	226	C16H34	000544-76-3	72
5	Hexadecane	226	C16H34	000544-76-3	72





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013610.D
Acq On : 16 Jan 2018 06:04
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Sample : J1080-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM9

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

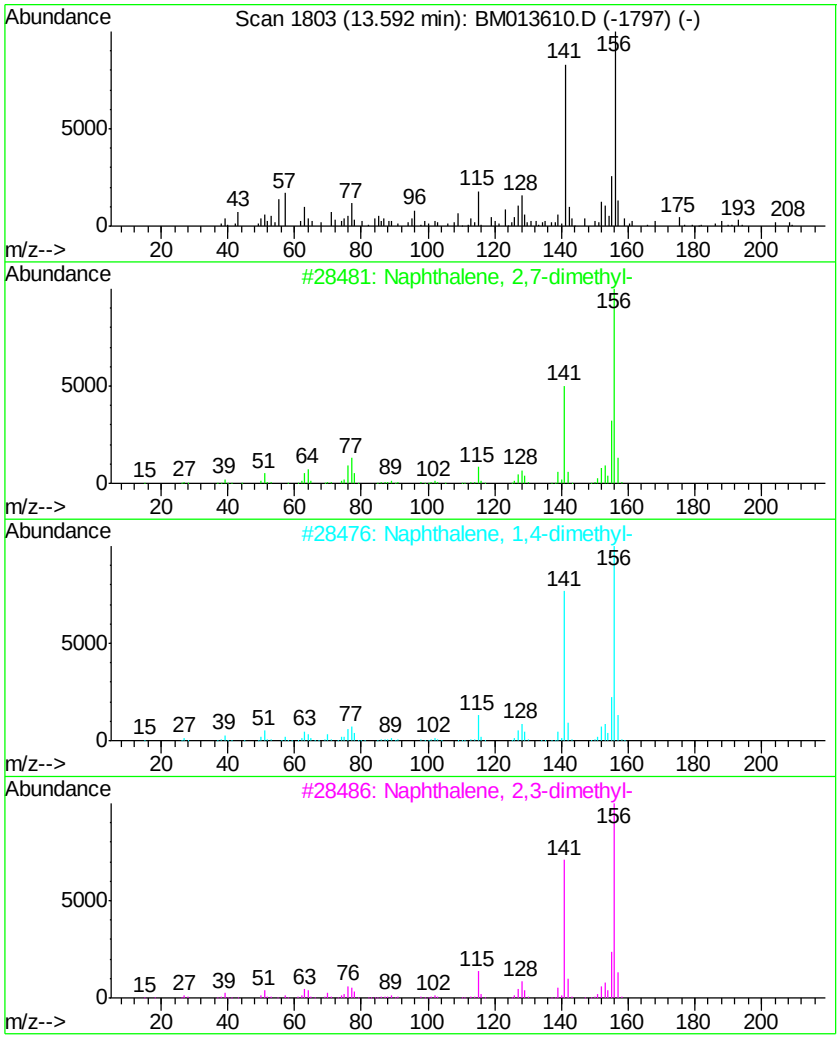
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

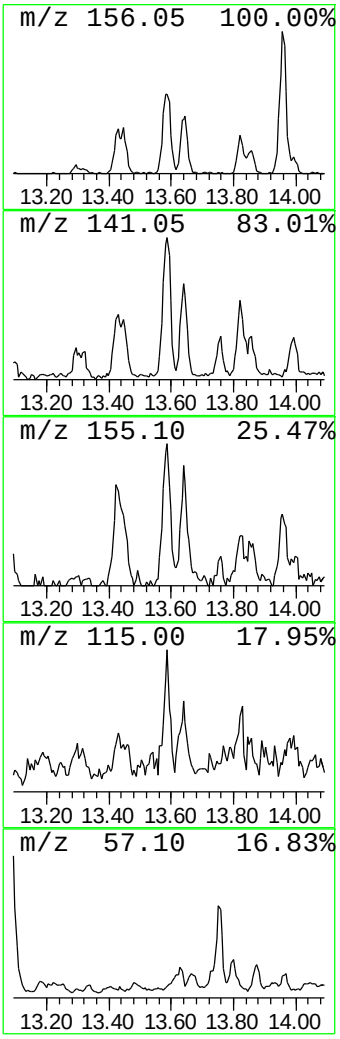
****

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	2.60 ng/ul	296778	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013610.D
Acq On : 16 Jan 2018 06:04
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Sample : J1080-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM9

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

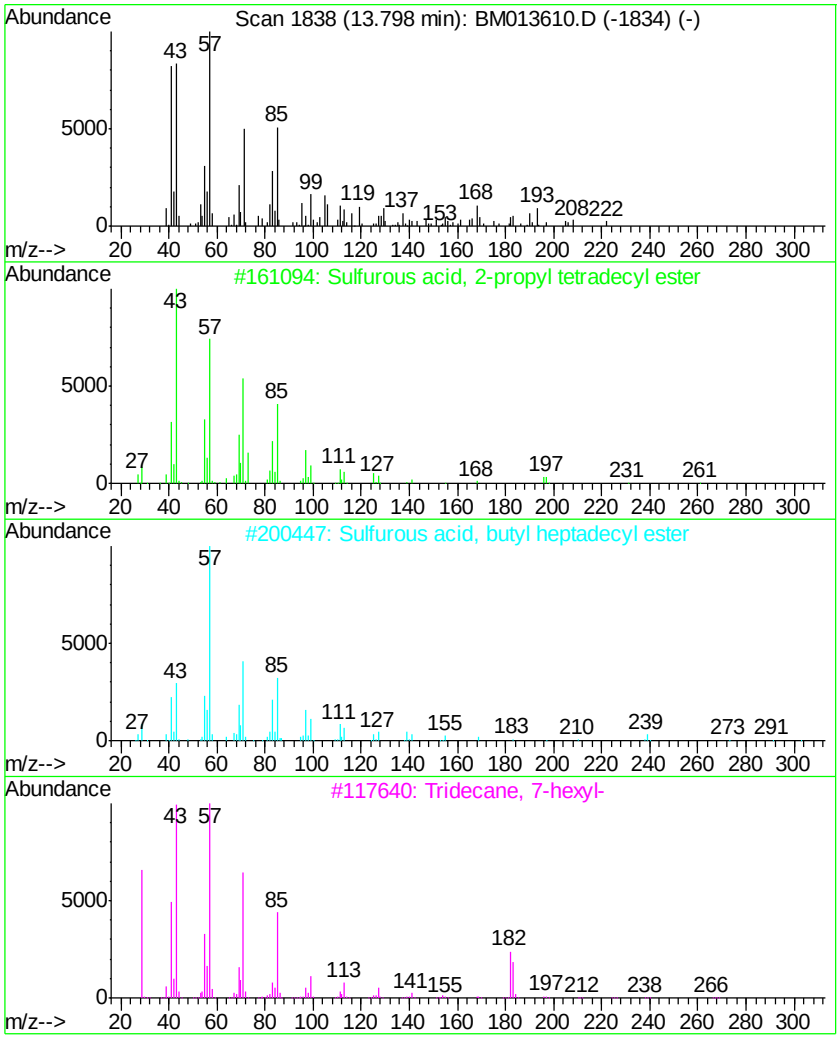
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

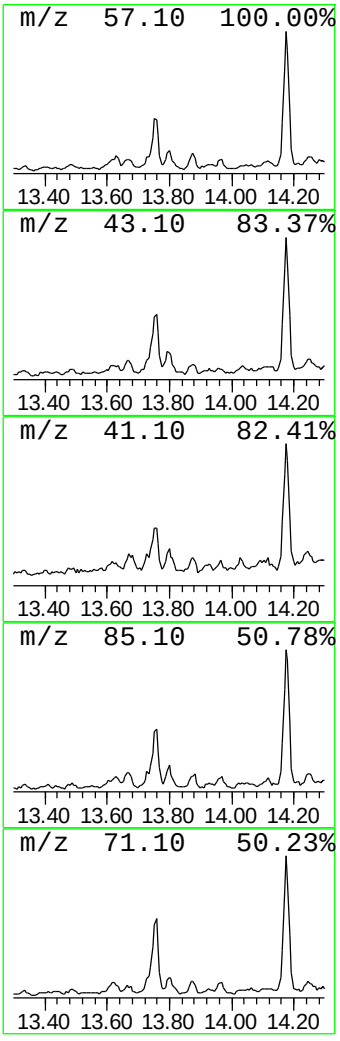
****

Peak Number 6 Sulfurous acid, 2-propyl te... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	2.84 ng/ul	323825	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	52
2	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	43
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	43
4	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	38
5	Octane, 4-methyl-	128	C9H20	002216-34-4	38





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013610.D
Acq On : 16 Jan 2018 06:04
Operator : SJ/JU
Sample : J1080-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM9

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Quant Title : SVOA CALIBRATION

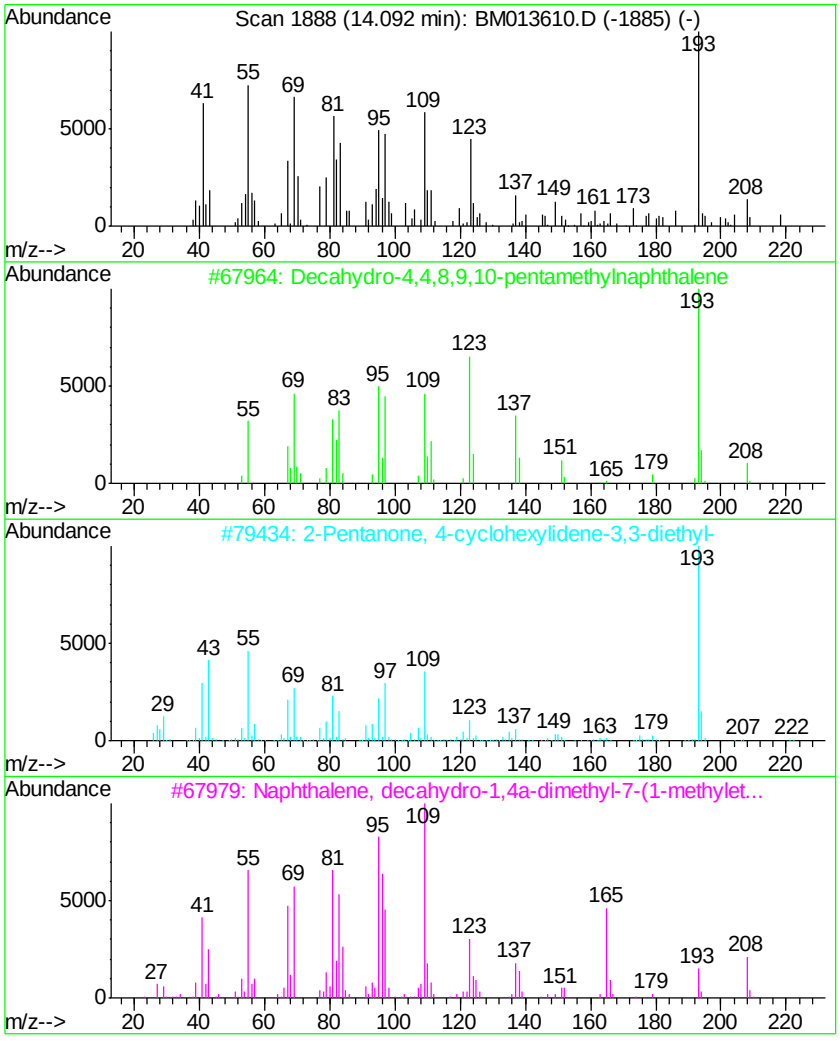
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

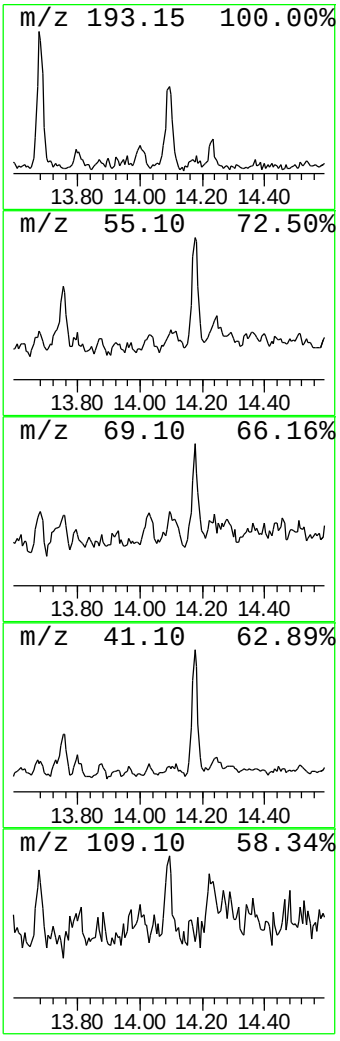
****

Peak Number 7 Decahydro-4,4,8,9,10-pentam... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	2.54 ng/ul	290341	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	68
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	50
3	Naphthalene, decahydro-1,4a-dime...	208	C15H28	030824-81-8	43
4	Cyclohexane, (2,2-dimethylcyclop...	180	C13H24	061142-23-2	20
5	Trimethylsilyl 4-methylbenzoate	208	C11H16O2Si	1000368-49-3	18





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Acq On : 16 Jan 2018 06:04
Operator : SJ/JU
Sample : J1080-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM9

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Quant Title : SVOA CALIBRATION

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

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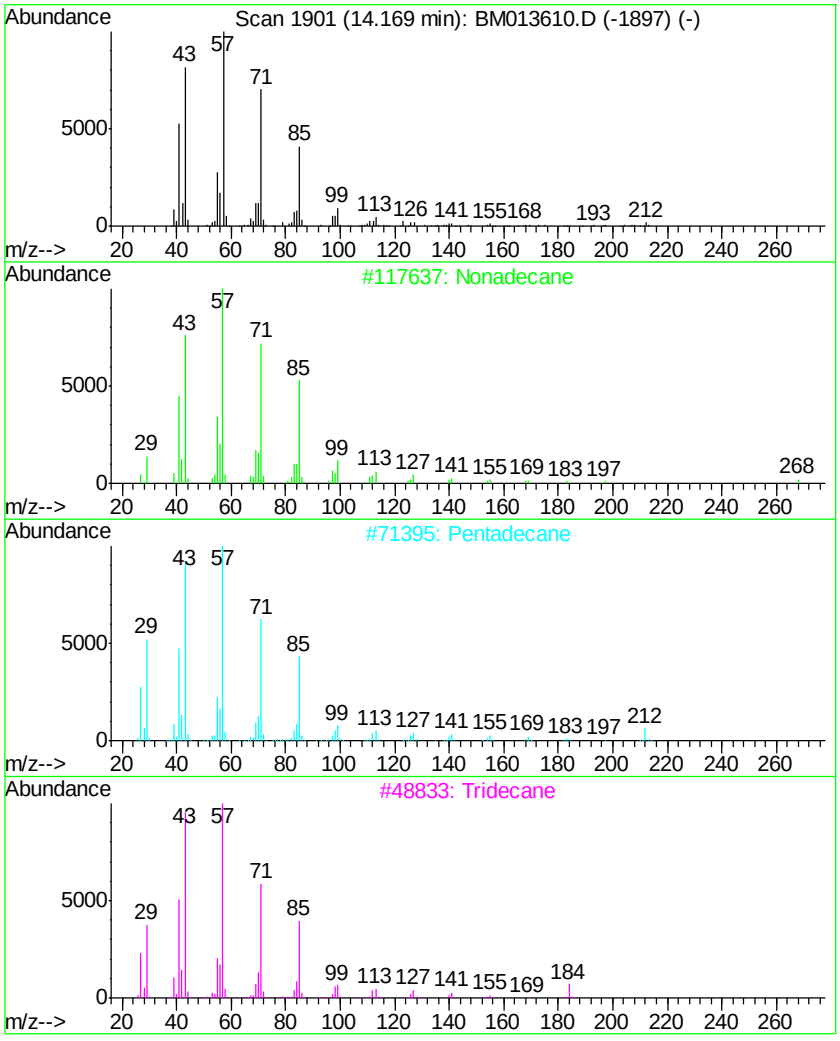
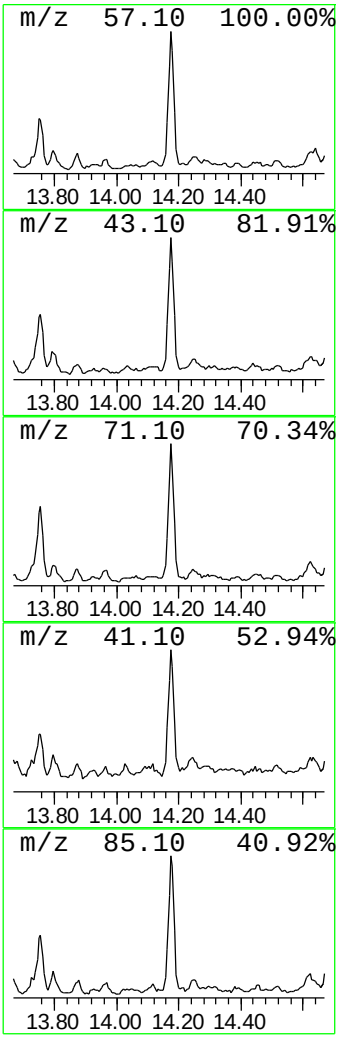
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	12.52 ng/ul	1429840	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Tetradecane	198	C14H30	000629-59-4	90





Library Search Compound Report

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Sample : J1080-09
Misc :
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Instrument : BNA_M
ClientSampleId : DAJM9

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Quant Title : SVOA CALIBRATION

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

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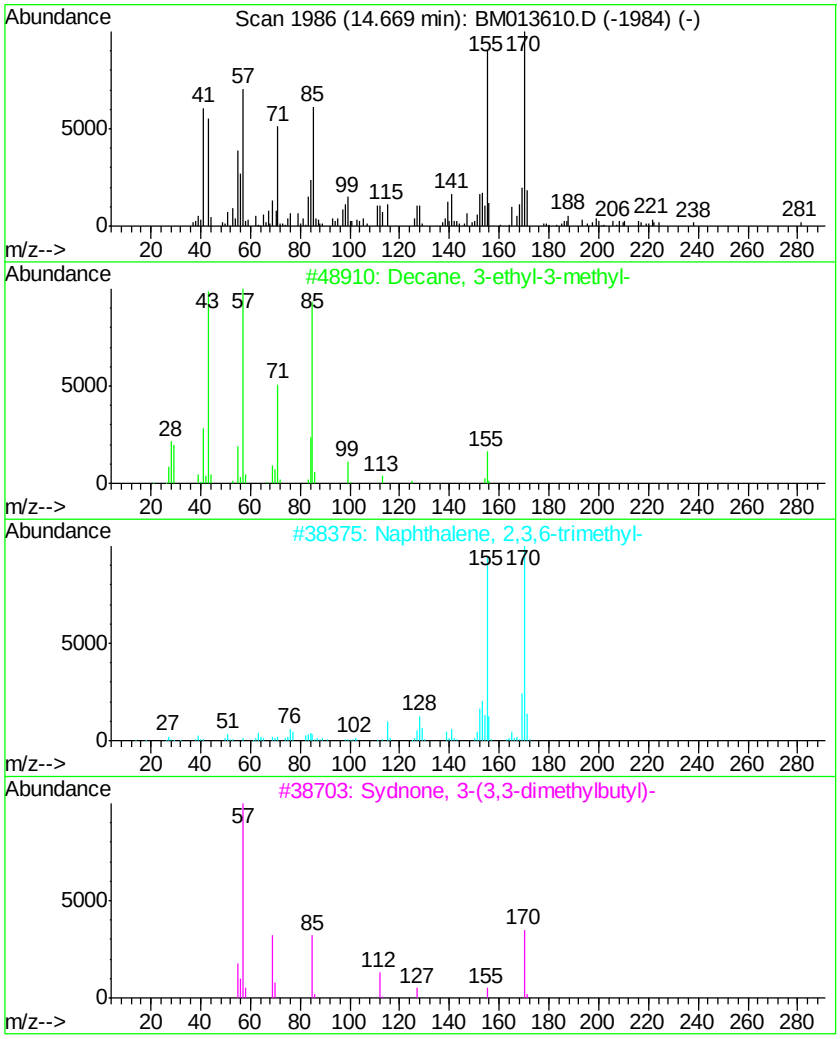
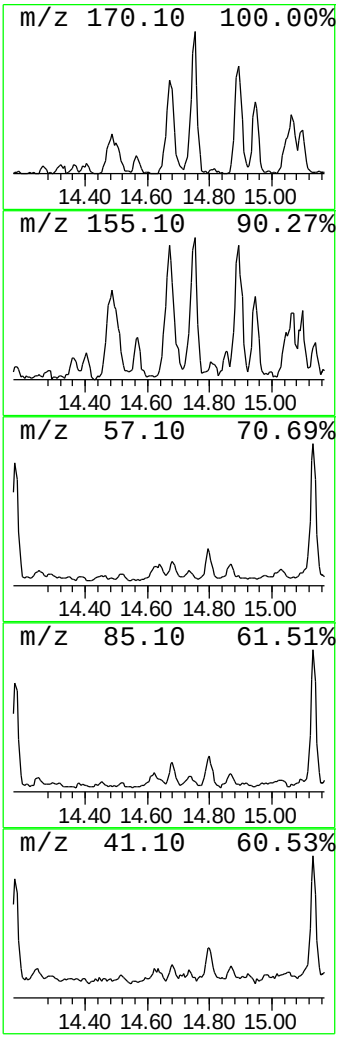
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	2.86 ng/ul	326988	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-ethyl-3-methyl-	184	C13H28	017312-66-2	43
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	41
3	Sydnone, 3-(3,3-dimethylbutyl)-	170	C8H14N2O2	026537-49-5	38
4	Octane, 4-methyl-	128	C9H20	002216-34-4	38
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	38





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Sample : J1080-09
Misc :
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Instrument : BNA_M
ClientSampleId : DAJM9

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Quant Title : SVOA CALIBRATION

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

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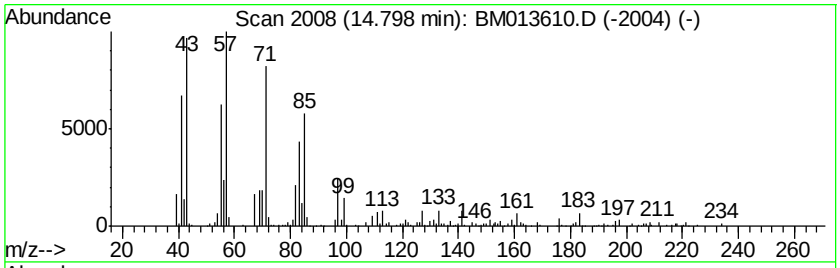
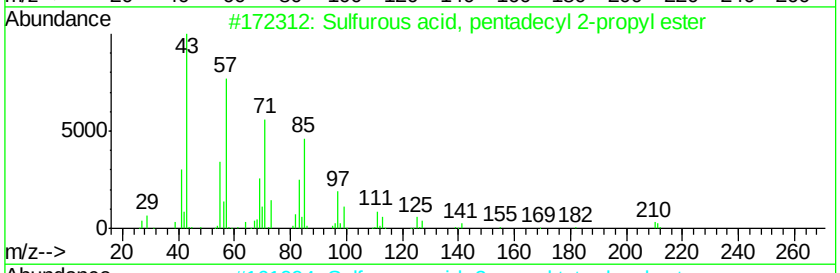
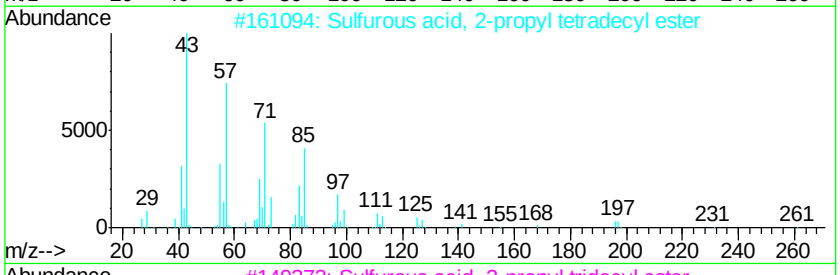
Peak Number 10 Sulfurous acid, pentadecyl ... Concentration Rank 15

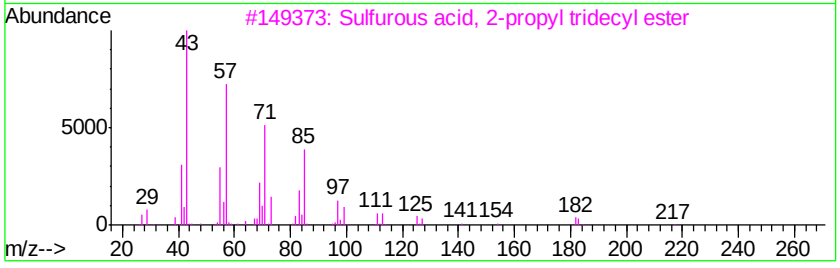
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	4.76 ng/ul	543837	Acenaphthene-d10	14.27

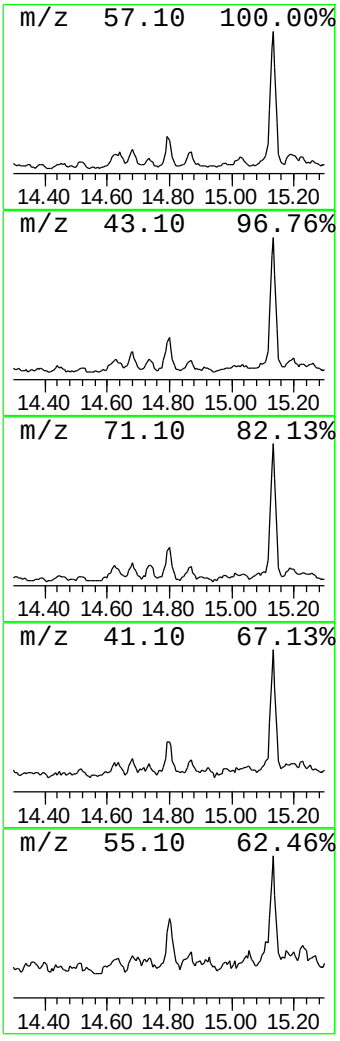
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	86
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	86
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	80
4	Nonadecane	268	C19H40	000629-92-5	68
5	Tetratetracontane	619	C44H90	007098-22-8	64











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Acq On : 16 Jan 2018 06:04
Operator : SJ/JU
Sample : J1080-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM9

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Quant Title : SVOA CALIBRATION

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

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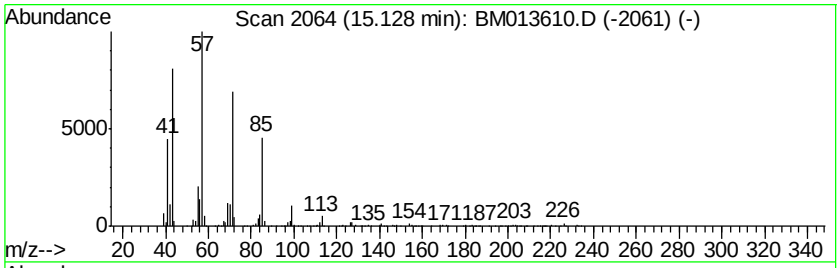
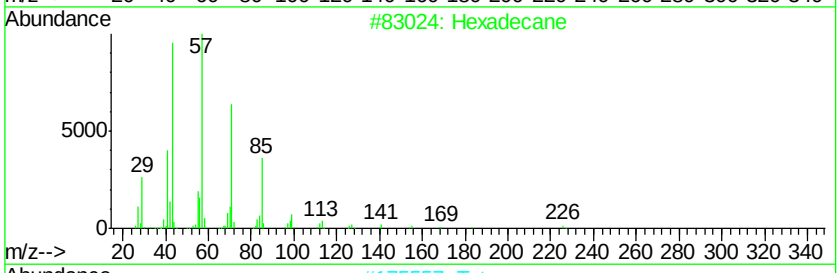
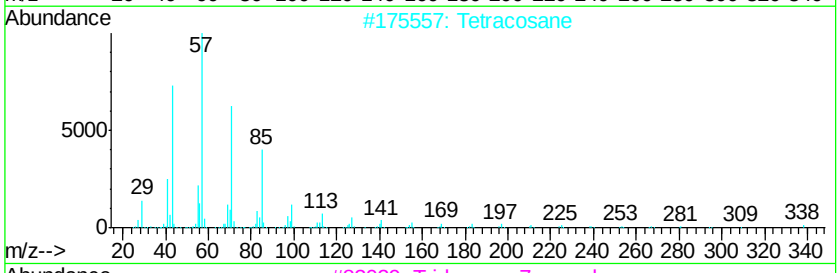
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 5

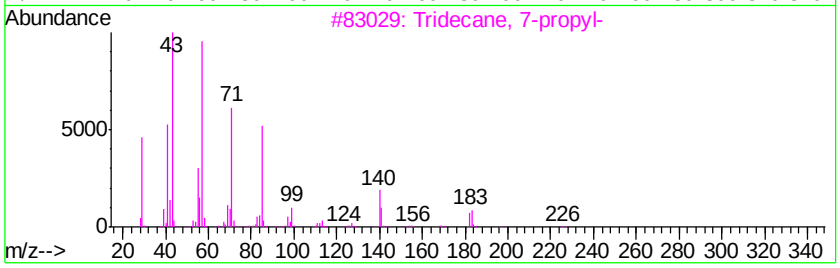
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	12.60 ng/ul	1438520	Acenaphthene-d10	14.27

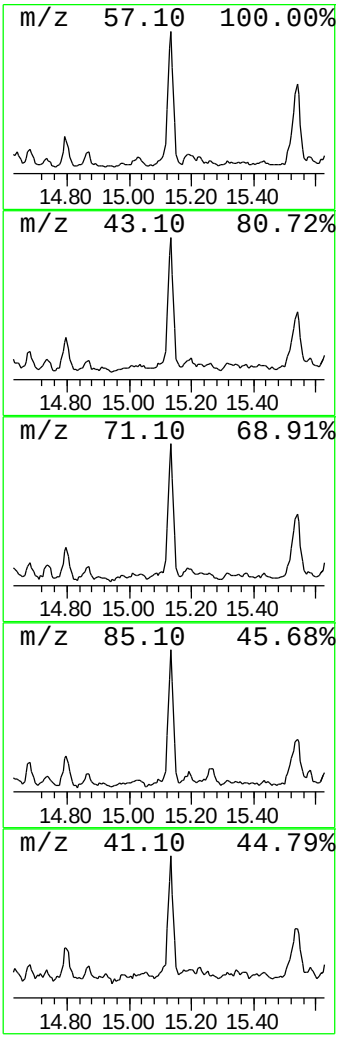
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tetracosane	338	C24H50	000646-31-1	90
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	90
4	Hexadecane	226	C16H34	000544-76-3	87
5	Hexadecane	226	C16H34	000544-76-3	86











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Acq On : 16 Jan 2018 06:04
Operator : SJ/JU
Sample : J1080-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM9

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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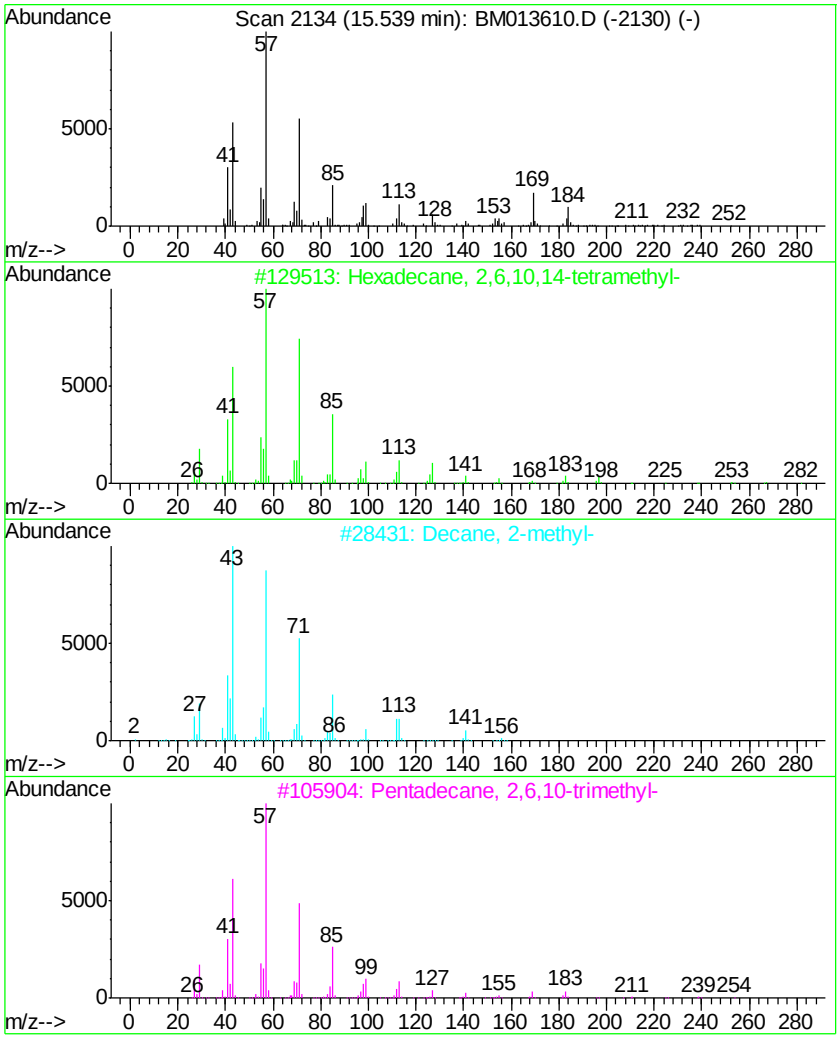
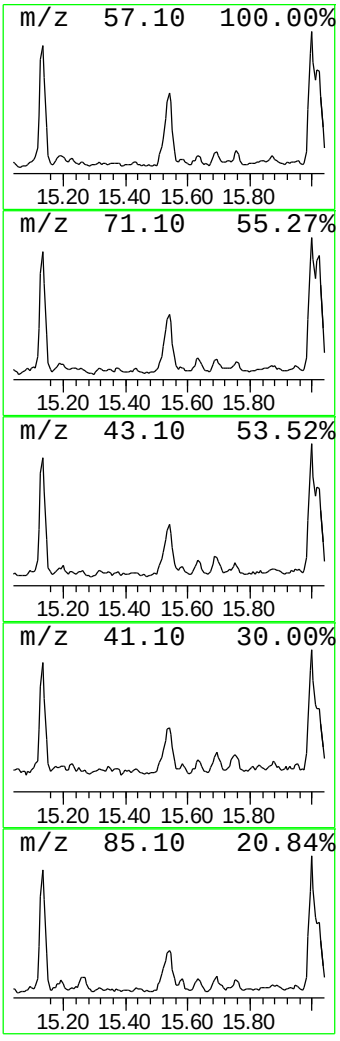
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	8.94 ng/ul	1020800	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	62
2	Decane, 2-methyl-	156	C11H24	006975-98-0	58
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	58
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	55
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	53





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Operator : SJ/JU
Sample : J1080-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM9

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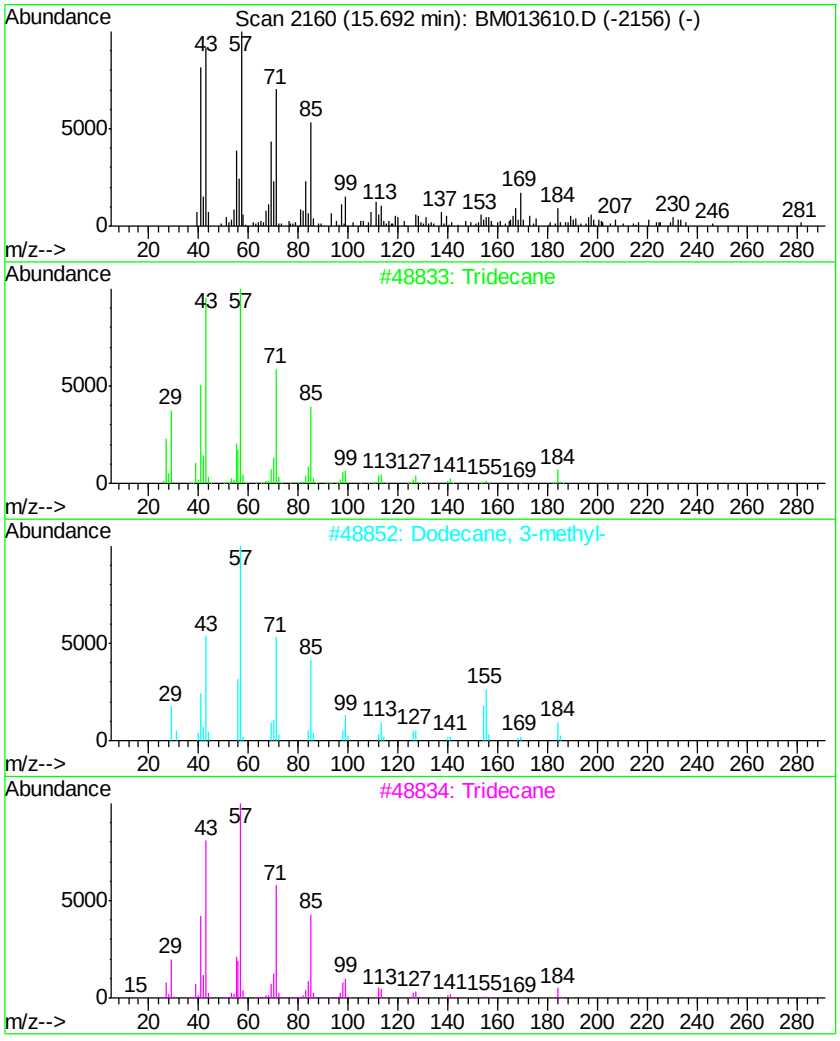
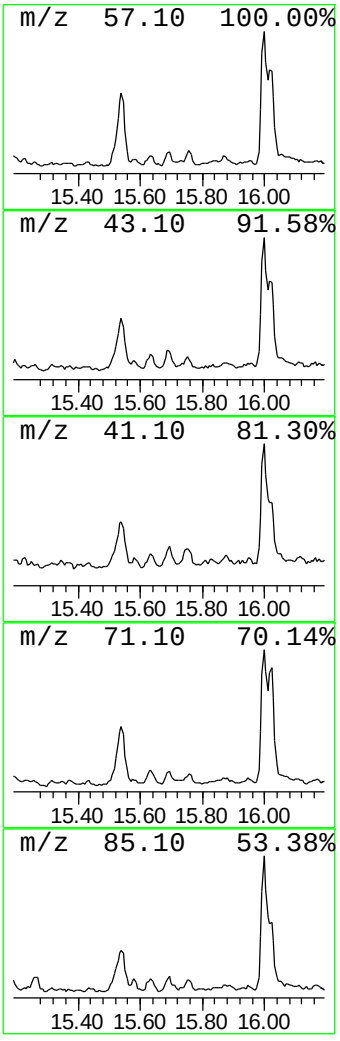
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	3.73 ng/ul	404996	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	64
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
3	Tridecane	184	C13H28	000629-50-5	64
4	Tetradecane	198	C14H30	000629-59-4	60
5	Tridecane	184	C13H28	000629-50-5	50





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Quant Title : SVOA CALIBRATION

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

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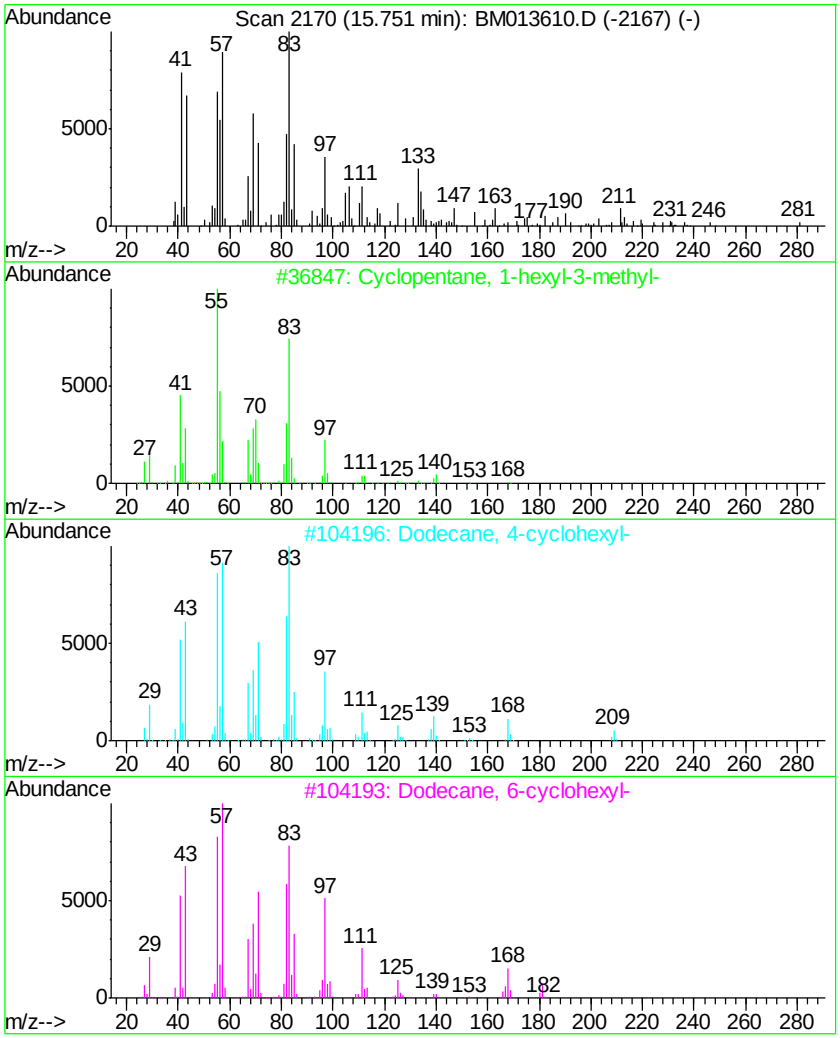
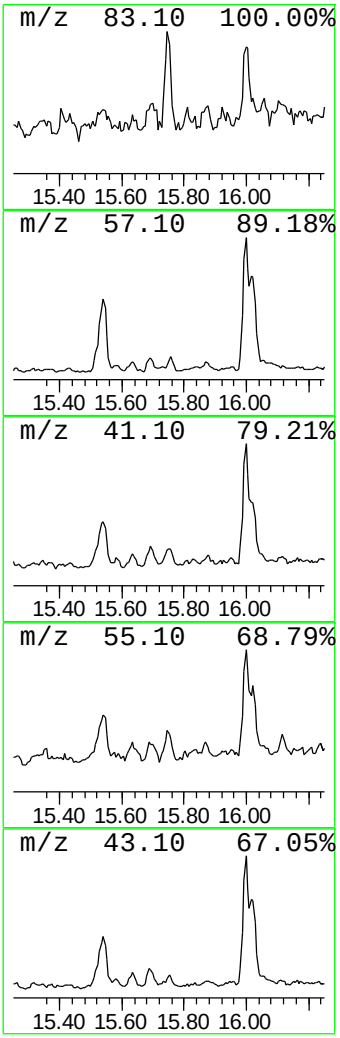
Peak Number 14 (DEL) Alkane: Cyclic15.75 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	3.62 ng/ul	393068	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	49
2	Dodecane, 4-cyclohexyl-	252	C18H36	013151-84-3	47
3	Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	46
4	Tridecane, 6-cyclohexyl-	266	C19H38	013151-91-2	46
5	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	46





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Quant Title : SVOA CALIBRATION

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

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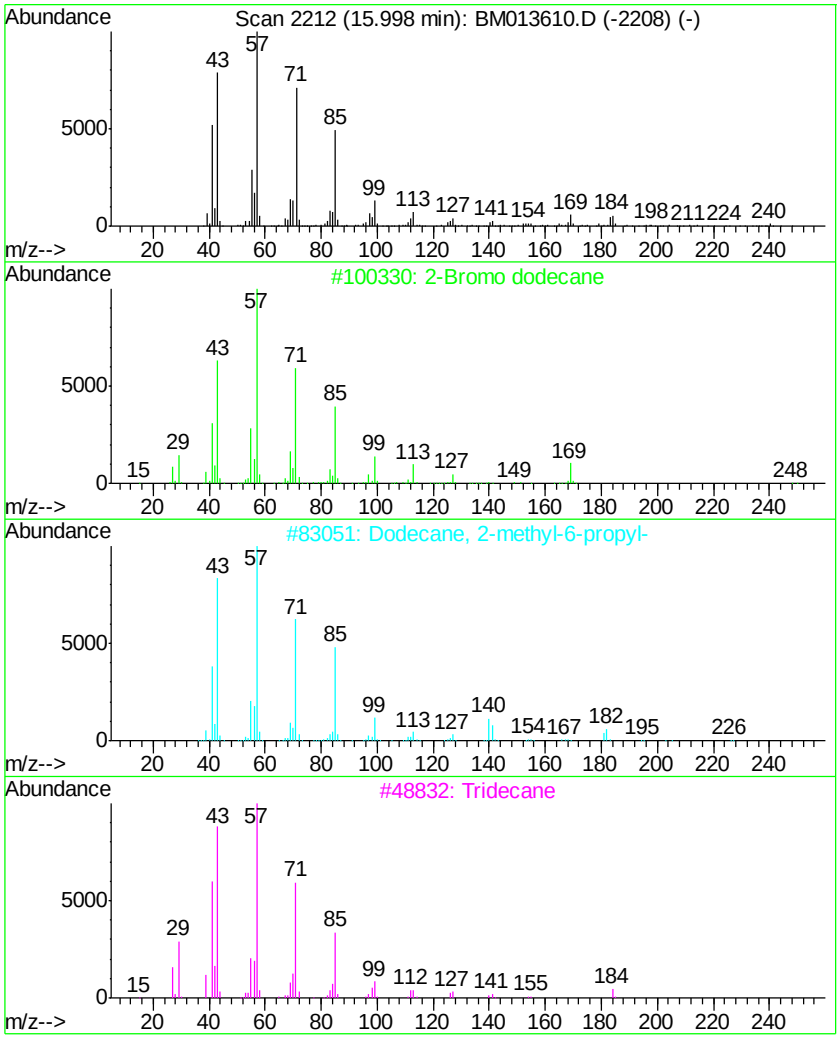
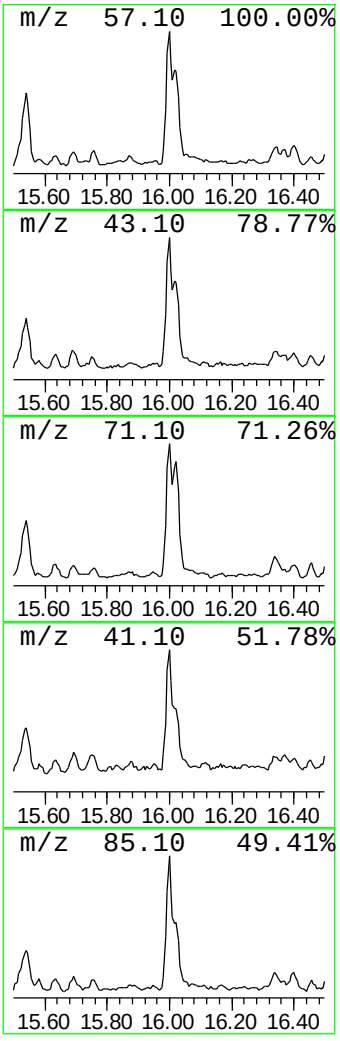
Peak Number 15 2-Bromo dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	18.41 ng/ul	1996630	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3	Tridecane	184	C13H28	000629-50-5	89
4	Nonadecane	268	C19H40	000629-92-5	87
5	Tridecane	184	C13H28	000629-50-5	83





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Quant Title : SVOA CALIBRATION

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

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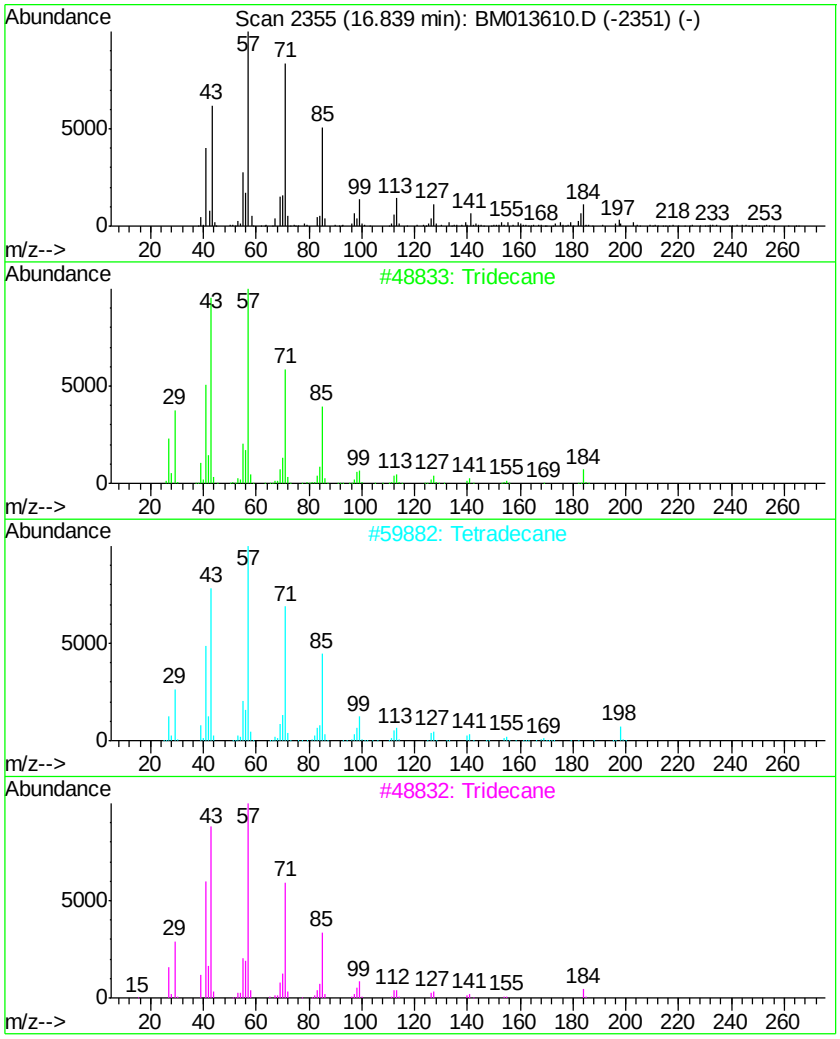
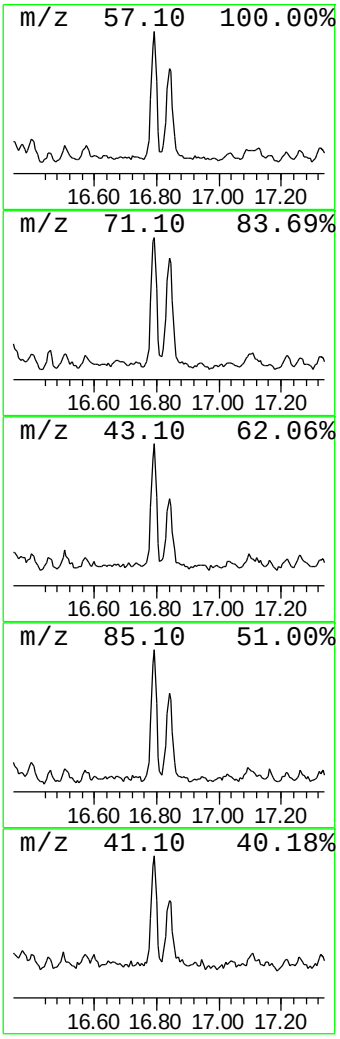
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	13.71 ng/ul	1487030	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Tridecane	184	C13H28	000629-50-5	91
4	Tridecane	184	C13H28	000629-50-5	91
5	Tetracosane	338	C24H50	000646-31-1	87





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Misc :
ALS Vial : 33 Sample Multiplier: 1

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ClientSampleId : DAJM9

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Quant Title : SVOA CALIBRATION

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

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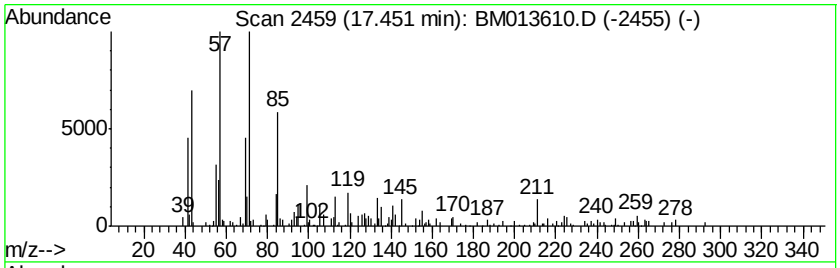
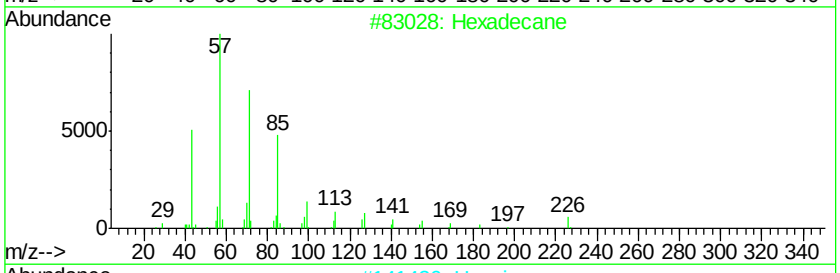
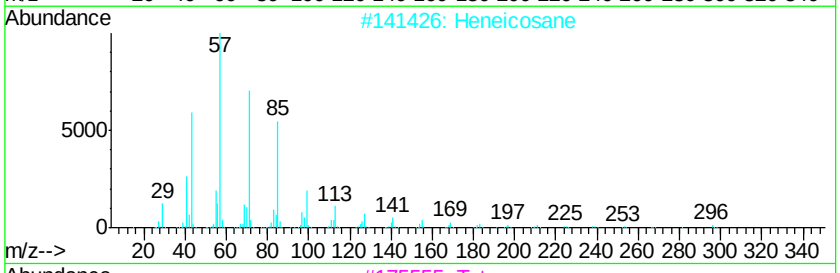
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 27

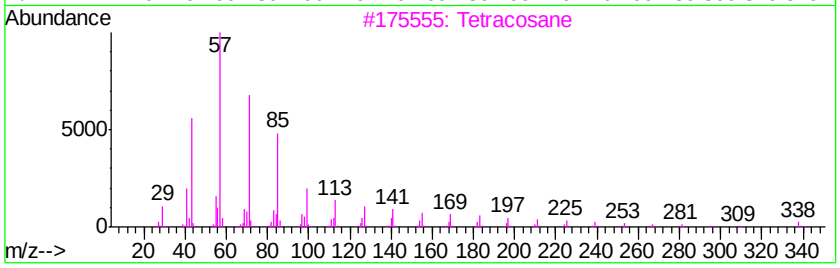
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	2.12 ng/ul	230166	Phenanthrene-d10	17.02

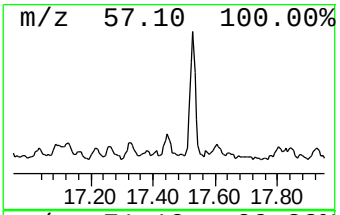
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Heneicosane	296	C21H44	000629-94-7	80
3	Tetracosane	338	C24H50	000646-31-1	80
4	Pentadecane	212	C15H32	000629-62-9	74
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	74

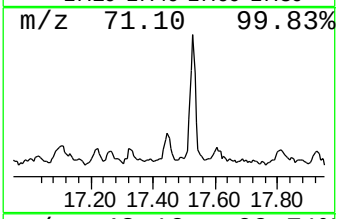


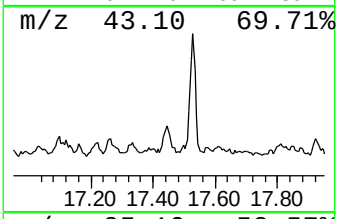


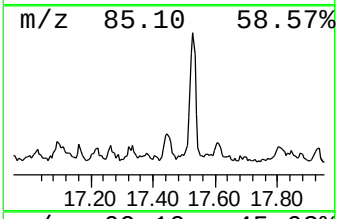


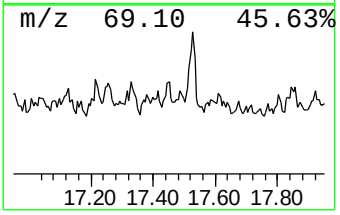












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Data File : BM013610.D
Acq On : 16 Jan 2018 06:04
Operator : SJ/JU
Sample : J1080-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM9

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

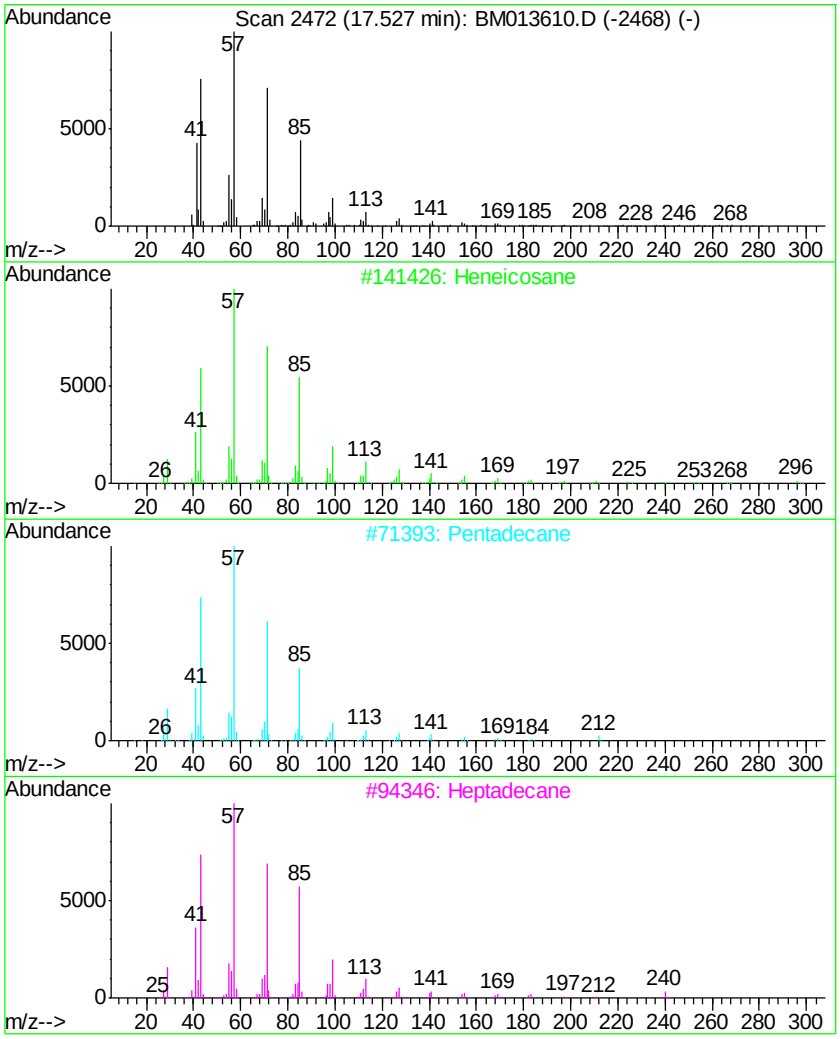
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

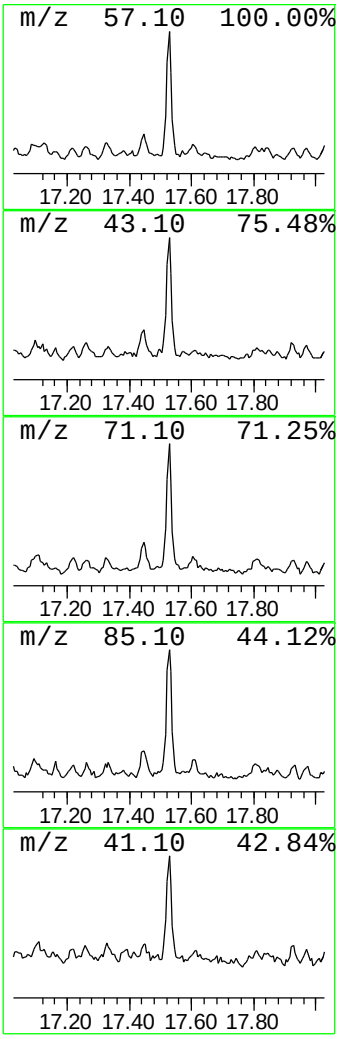
****

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	10.26 ng/ul	1112470	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Heptacosane	380	C27H56	000593-49-7	90





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013610.D
Acq On : 16 Jan 2018 06:04
Operator : SJ/JU
Sample : J1080-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM9

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

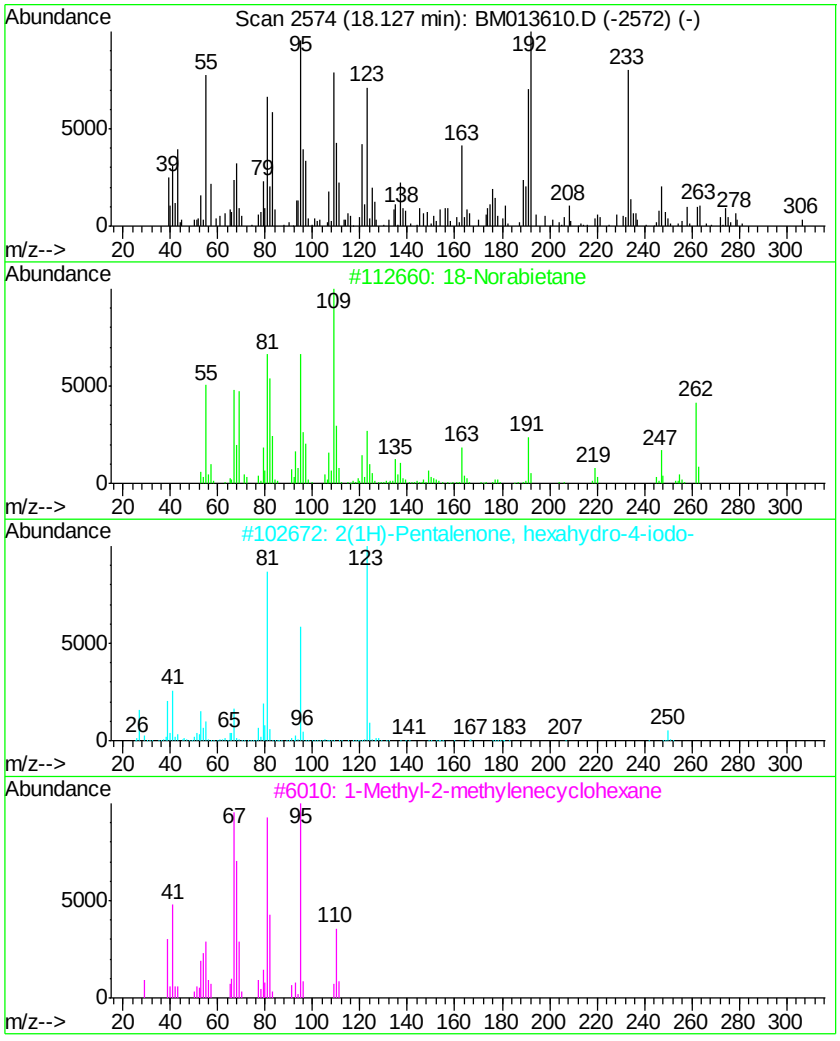
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

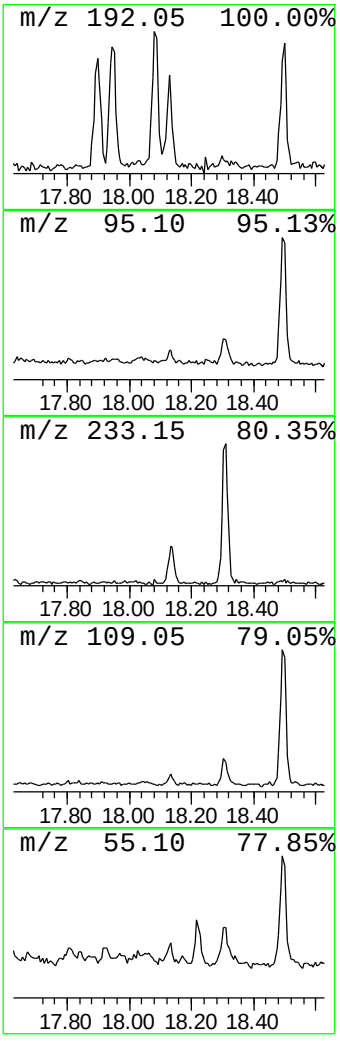
****

Peak Number 20 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	2.62 ng/ul	284301	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	35
2	2(1H)-Pentalenone, hexahydro-4-i...	250	C8H11IO	077070-56-5	18
3	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	18
4	Cyclopentene, 1,3-dimethyl-2-(1-...	138	C10H18	061142-32-3	18
5	Bicyclo[3.3.1]nonan-9-one, 2,4-d...	211	C11H17NO3	129967-64-2	14





Library Search Compound Report

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Data File : BM013610.D
Acq On : 16 Jan 2018 06:04
Operator : SJ/JU
Sample : J1080-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM9

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

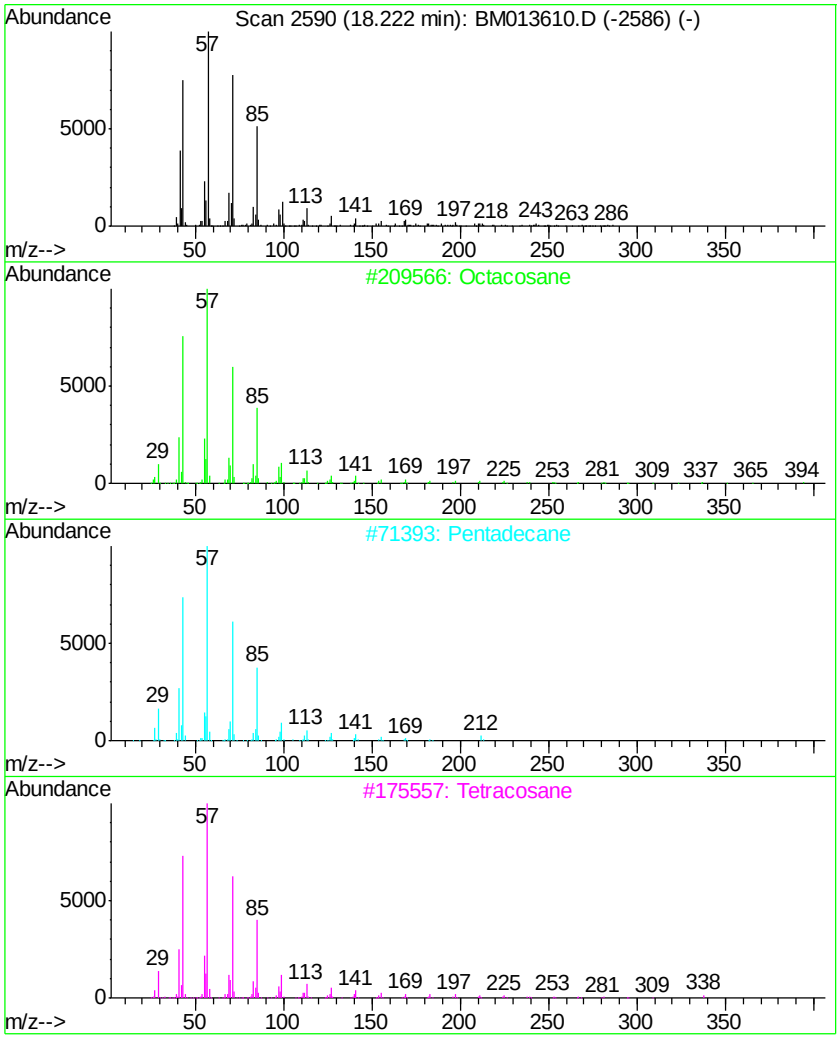
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

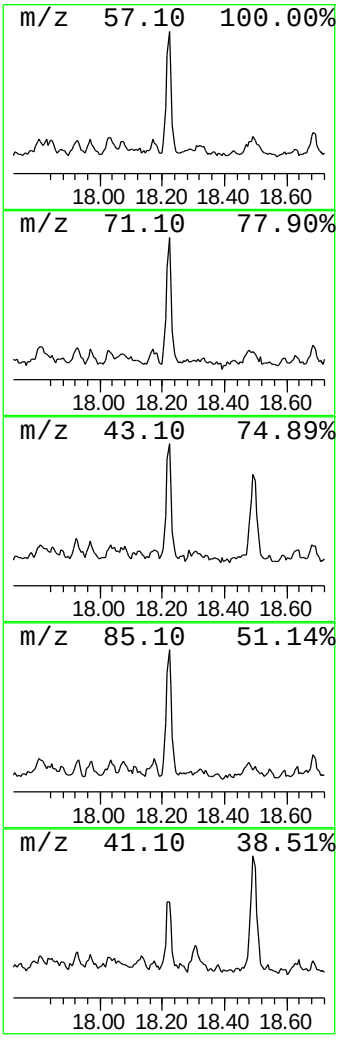
****

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	7.79 ng/ul	844756	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
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Acq On : 16 Jan 2018 06:04
Operator : SJ/JU
Sample : J1080-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM9

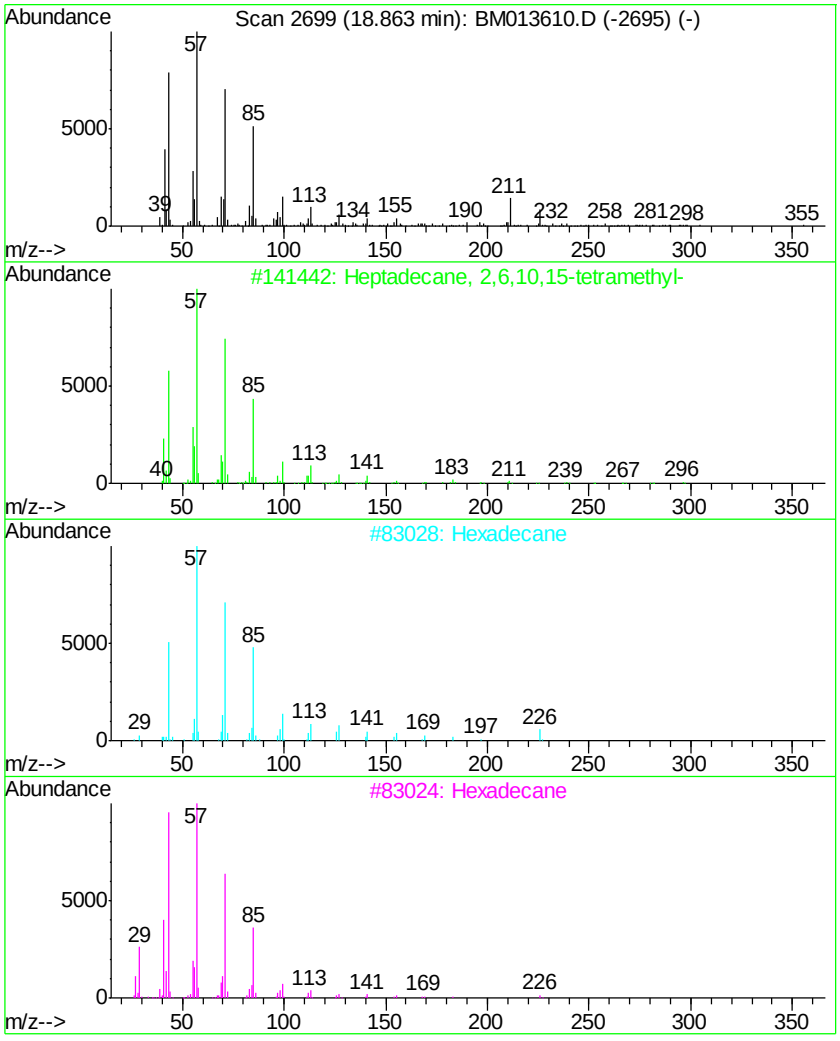
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

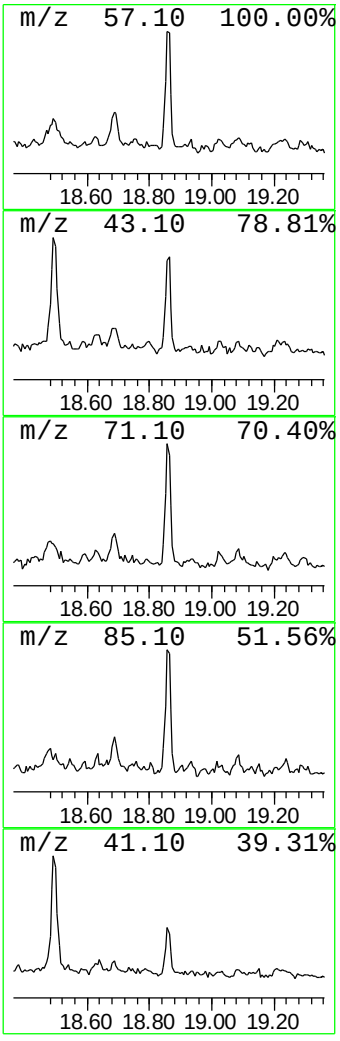
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	6.31 ng/ul	684514	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Hexadecane	226	C16H34	000544-76-3	87
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013610.D
Acq On : 16 Jan 2018 06:04
Operator : SJ/JU
Sample : J1080-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM9

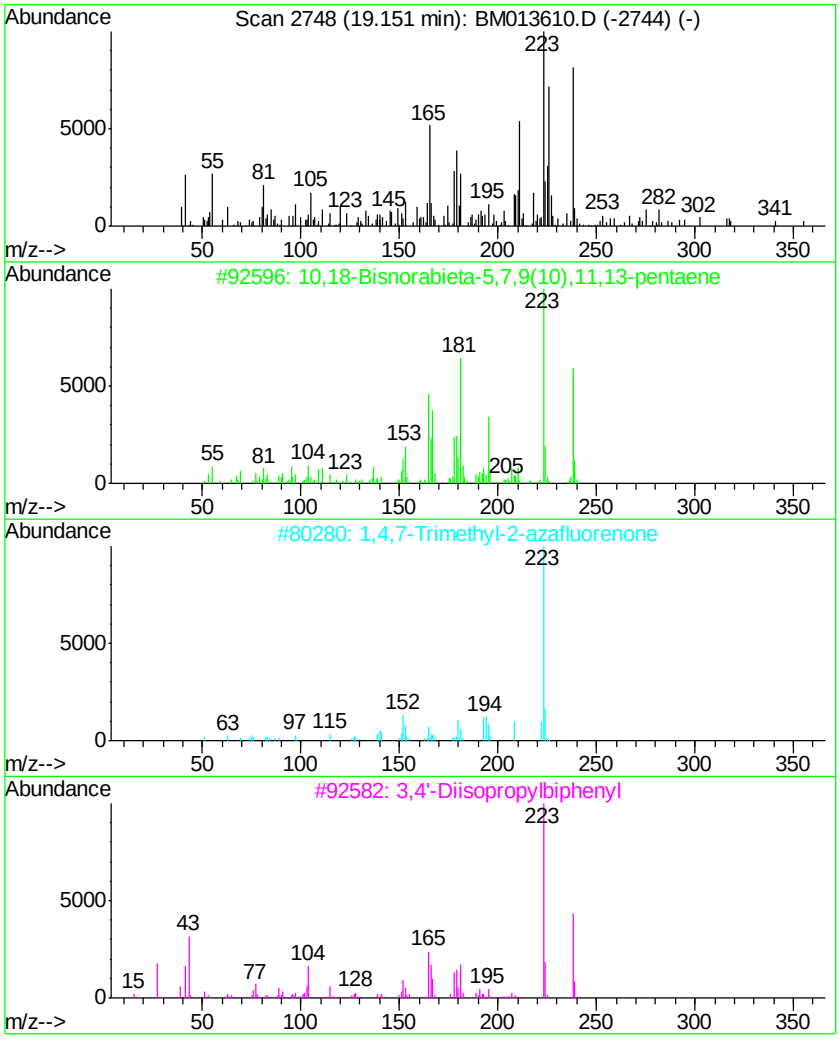
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

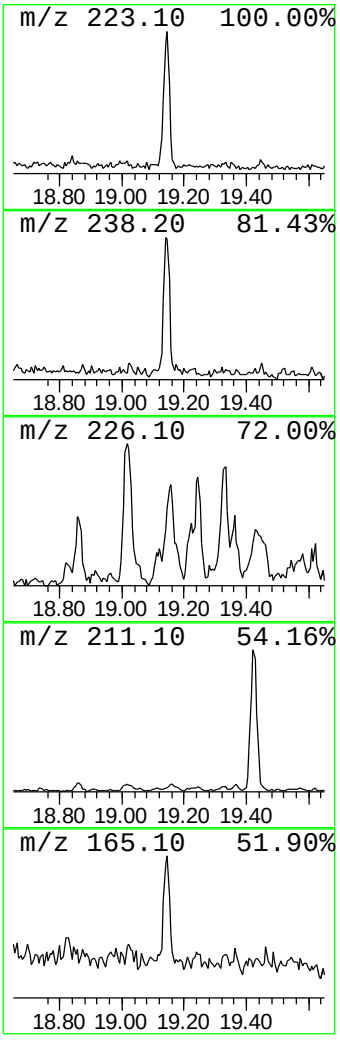
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	2.78 ng/ul	327028	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	87
2	1,4,7-Trimethyl-2-azafluorenone	223	C15H13NO	064322-98-1	38
3	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	38
4	4,4'-Diacetyl biphenyl	238	C16H14O2	000787-69-9	38
5	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	38





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Data File : BM013610.D
Acq On : 16 Jan 2018 06:04
Operator : SJ/JU
Sample : J1080-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM9

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

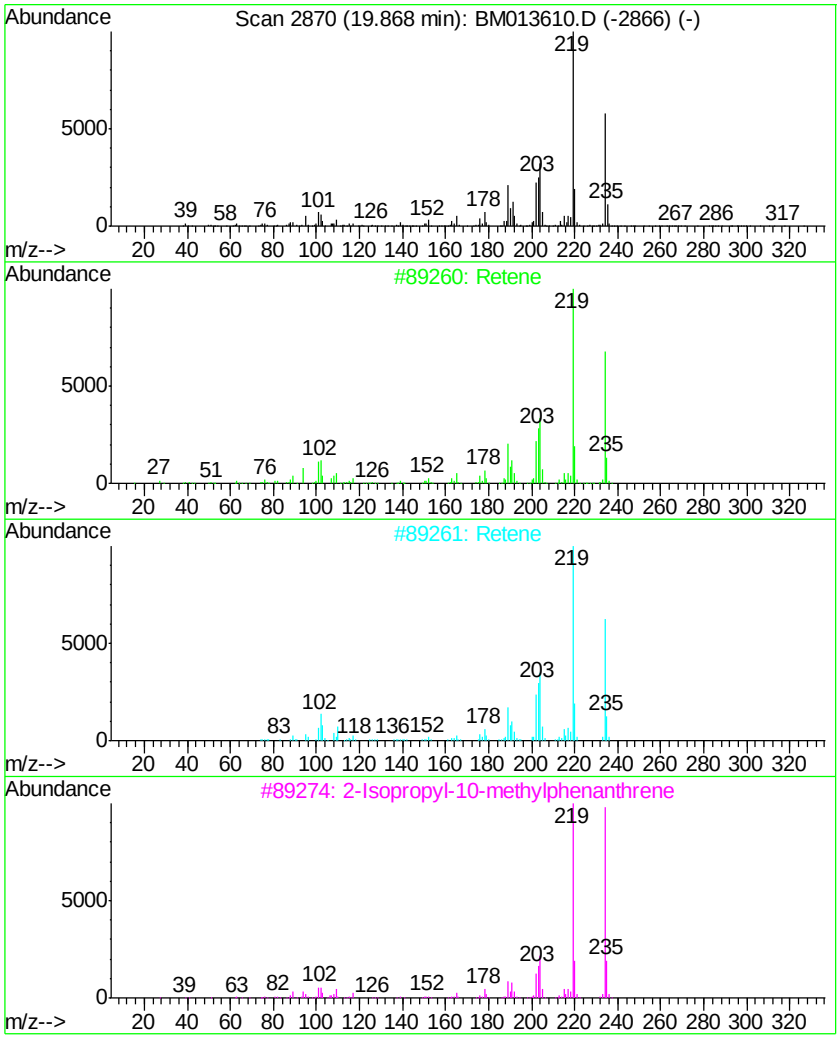
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

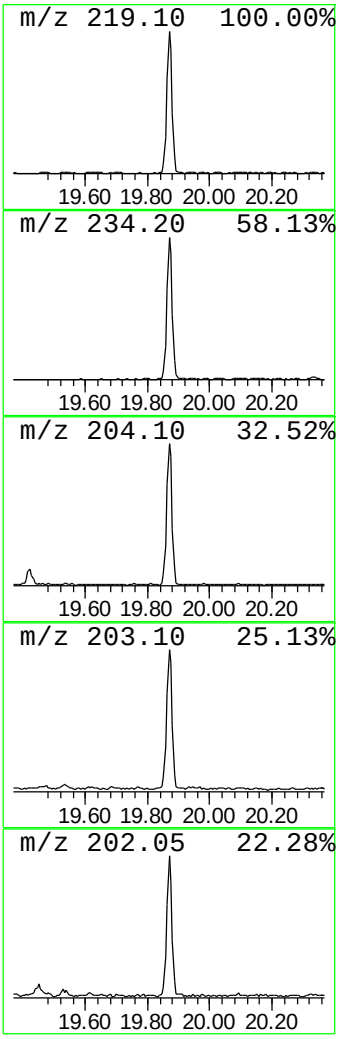
****

Peak Number 26 Retene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	16.07 ng/ul	1888210	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	Retene	234	C18H18	000483-65-8	95
3	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
4	Retene	234	C18H18	000483-65-8	94
5	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	89





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Data File : BM013610.D
Acq On : 16 Jan 2018 06:04
Operator : SJ/JU
Sample : J1080-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM9

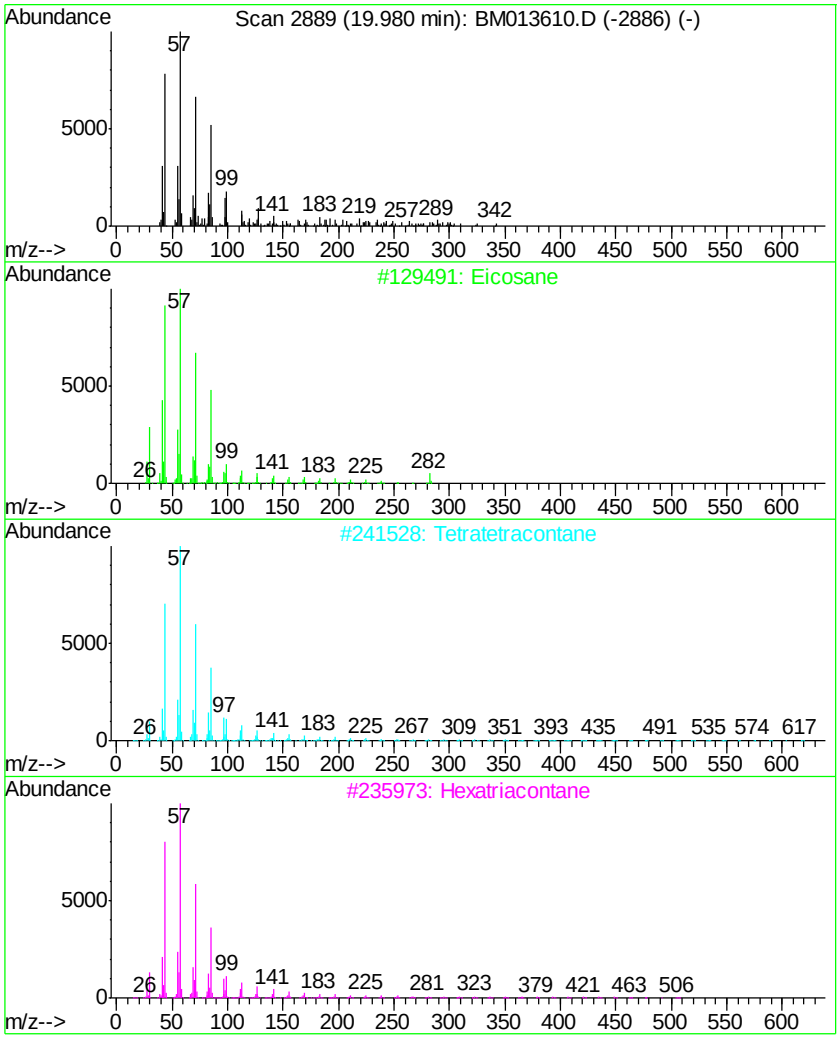
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

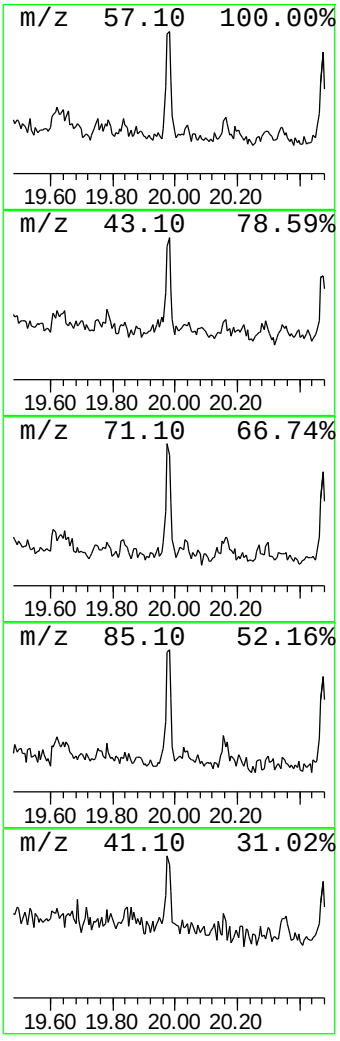
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.98	2.07 ng/ul	242783	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Hexatriacontane	507	C36H74	000630-06-8	87
4	Octadecane	254	C18H38	000593-45-3	87
5	Hexacosane	366	C26H54	000630-01-3	87





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013610.D
Acq On : 16 Jan 2018 06:04
Operator : SJ/JU
Sample : J1080-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM9

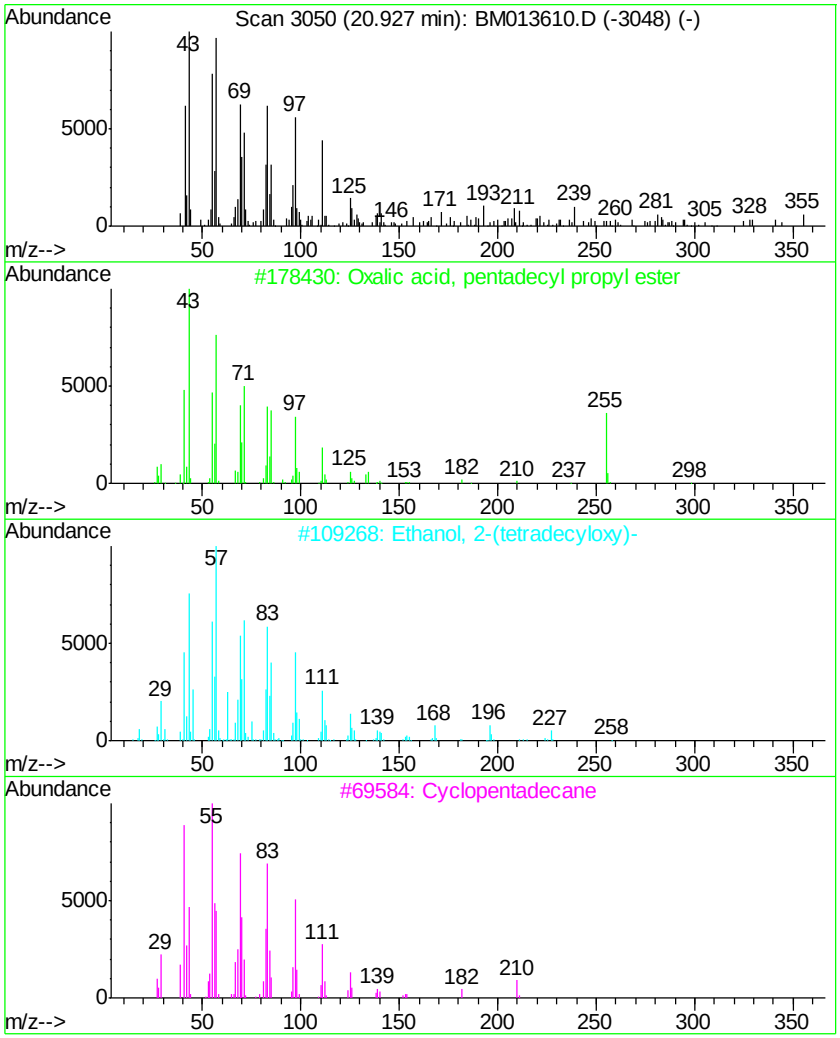
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

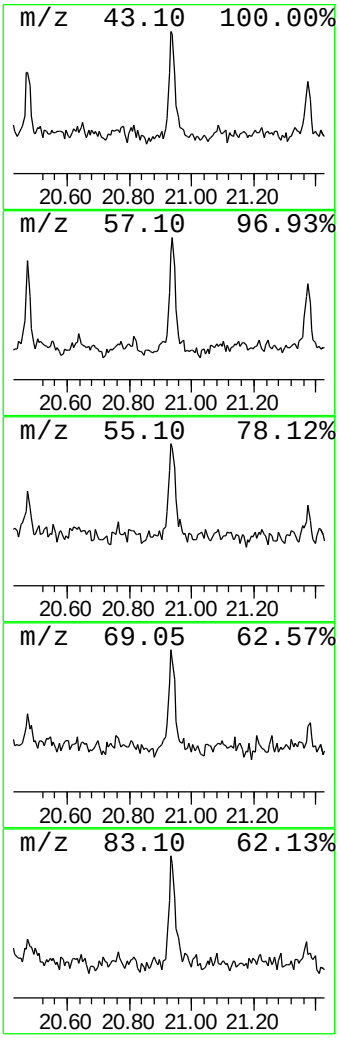
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Oxalic acid, pentadecyl pro... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	3.55 ng/ul	416673	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, pentadecyl propyl e...	342	C20H38O4	1000309-26-8	91
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3	Cyclopentadecane	210	C15H30	000295-48-7	90
4	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	87
5	1-Octadecene	252	C18H36	000112-88-9	86





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013610.D
Acq On : 16 Jan 2018 06:04
Operator : SJ/JU
Sample : J1080-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM9

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
Octane, 1,1'-oxybis-	11.42	3.5	ng/ul	273221	2	10.39	1563530	20.0
(DEL) Alkane: Str...	11.83	6.0	ng/ul	472611	2	10.39	1563530	20.0
(DEL) Alkane: Str...	12.80	3.7	ng/ul	424684	3	14.27	2283260	20.0
(DEL) Alkane: Str...	13.09	8.8	ng/ul	998749	3	14.27	2283260	20.0
Naphthalene, 2,7-...	13.59	2.6	ng/ul	296778	3	14.27	2283260	20.0
Sulfurous acid, 2...	13.80	2.8	ng/ul	323825	3	14.27	2283260	20.0
Decahydro-4,4,8,9...	14.09	2.5	ng/ul	290341	3	14.27	2283260	20.0
(DEL) Alkane: Str...	14.17	12.5	ng/ul	1429840	3	14.27	2283260	20.0
(DEL) Alkane: Str...	14.67	2.9	ng/ul	326988	3	14.27	2283260	20.0
Sulfurous acid, p...	14.80	4.8	ng/ul	543837	3	14.27	2283260	20.0
(DEL) Alkane: Str...	15.13	12.6	ng/ul	1438520	3	14.27	2283260	20.0
(DEL) Alkane: Str...	15.54	8.9	ng/ul	1020800	3	14.27	2283260	20.0
(DEL) Alkane: Str...	15.69	3.7	ng/ul	404996	4	17.02	2168760	20.0
(DEL) Alkane: Cyc...	15.75	3.6	ng/ul	393068	4	17.02	2168760	20.0
2-Bromo dodecane	16.00	18.4	ng/ul	1996630	4	17.02	2168760	20.0
(DEL) Alkane: Str...	16.84	13.7	ng/ul	1487030	4	17.02	2168760	20.0
(DEL) Alkane: Str...	17.45	2.1	ng/ul	230166	4	17.02	2168760	20.0
(DEL) Alkane: Str...	17.53	10.3	ng/ul	1112470	4	17.02	2168760	20.0
unknown-01	18.13	2.6	ng/ul	284301	4	17.02	2168760	20.0
(DEL) Alkane: Str...	18.22	7.8	ng/ul	844756	4	17.02	2168760	20.0
(DEL) Alkane: Str...	18.86	6.3	ng/ul	684514	4	17.02	2168760	20.0
10,18-Bisnorabiet...	19.15	2.8	ng/ul	327028	5	21.22	2349640	20.0
Retene	19.87	16.1	ng/ul	1888210	5	21.22	2349640	20.0
(DEL) Alkane: Str...	19.98	2.1	ng/ul	242783	5	21.22	2349640	20.0
Oxalic acid, pent...	20.93	3.5	ng/ul	416673	5	21.22	2349640	20.0