LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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	7.122	696	703	710	rVB2	110127	202124	1.15%	0.235%
2	7.198	710	716	719	rBV	227843	346907	1.97%	0.404%
3	7.581	769	781	789	rBV	560053	1000957	5.70%	1.165%
4	8.216	882	889	894	rBV3	90557	181355	1.03%	0.211%
5	8.304	899	904	912	rBV2	98009	249394	1.42%	0.290%
6	8.739	972	978	982	rBV	104234	213907	1.22%	0.249%
7	8.792	982	987	996	rVB	463302	729583	4.15%	0.849%
8	9.457	1088	1100	1108	rBV8	96441	328053	1.87%	0.382%
9	9.780	1146	1155	1161	rBV4	113134	234152	1.33%	0.273%
10	9.998	1187	1192	1197	rBV2	89606	180020	1.02%	0.210%
11	10.328	1240	1248	1250	rBV	779161	1239291	7.06%	1.442%
12	10.404	1257	1261	1267	rVB	749885	1236936	7.04%	1.440%
13	10.516	1275	1280	1286	rVB3	265083	449041	2.56%	0.523%
14	11.192	1389	1395	1401	rBV6	85893	231004	1.32%	0.269%
15	11.269	1401	1408	1415	rVB2	140270	277180	1.58%	0.323%
16	11.374	1420	1426	1430	rBV	329272	531630	3.03%	0.619%
17	11.457	1435	1440	1446	rVB	150120	284083	1.62%	0.331%
18	11.780	1487	1495	1501	rBV	973928	1512794	8.61%	1.761%
19	12.027	1528	1537	1544	rVB	696328	1237875	7.05%	1.441%
20	12.245	1566	1574	1582	rVB	402316	696061	3.96%	0.810%
21	12.610	1632	1636	1647	rVB2	156821	296411	1.69%	0.345%
22	12.698	1647	1651	1656	rVV	118001	202141	1.15%	0.235%
23	12.757	1656	1661	1665	rVV	339844	500262	2.85%	0.582%
24	13.051	1703	1711	1718	rBV2	1404709	2051546	11.68%	2.388%
25	13.398	1759	1770	1781	rBV3	213678	705308	4.02%	0.821%
26	13.545	1790	1795	1800	rBV	309280	593588	3.38%	0.691%
27	13.604	1800	1805	1808	rVV	209958	402000	2.29%	0.468%
28	13.639	1808	1811	1817	rVB3	200086	399748	2.28%	0.465%
29	13.716	1817	1824	1828	rVB2	489736	736233	4.19%	0.857%
30	13.757	1828	1831	1834	rBV	176696	228579	1.30%	0.266%
31	13.921	1855	1859	1863	rBV	244337	364186	2.07%	0.424%
32	14.139	1890	1896	1901	rBV	1493088	1958200	11.15%	2.279%
33	14.227	1901	1911	1918	rVV3	1160709	2783134	15.84%	3.239%
34	14.292	1918	1922	1931	rVV	947510	1589120	9.05%	1.849%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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	14.374	1931	1936	1944	rVV	326435	525830	2.99%	0.612%
36	14.445	1945	1948	1956	rVB5	117910	263651	1.50%	0.307%
37	14.592	1969	1973	1976	rBV5	85945	180565	1.03%	0.210%
38	14.633	1976	1980	1985	rVB	792061	1151922	6.56%	1.341%
39	14.710	1988	1993	1998	rVB2	120793	215687	1.23%	0.251%
40	14.757	1998	2001	2004	rBV2	279663	413172	2.35%	0.481%
41	14.868	2015	2020	2026	rBV3	538713	818326	4.66%	0.952%
42	14.998	2037	2042	2050	rBV4	219058	457813	2.61%	0.533%
43	15.098	2054	2059	2064	rVB	1299491	1644532	9.36%	1.914%
44	15.233	2077	2082	2086	rVB2	279154	403167	2.30%	0.469%
45	15.286	2086	2091	2096	rBV	862034	1241369	7.07%	1.445%
46	15.345	2097	2101	2104	rVB3	117368	182462	1.04%	0.212%
47	15.504	2122	2128	2132	rBV	397031	609541	3.47%	0.709%
48	15.592	2138	2143	2149	rVB4	188878	392536	2.23%	0.457%
49	15.651	2149	2153	2157	rBV3	128936	209796	1.19%	0.244%
50	15.704	2157	2162	2174	rVB2	796343	1370418	7.80%	1.595%
51	15.962	2200	2206	2208	rBV	1433735	2067625	11.77%	2.406%
52	16.027	2214	2217	2221	rVB	402259	478952	2.73%	0.557%
53	16.298	2256	2263	2267	rBV5	172472	312729	1.78%	0.364%
54	16.645	2316	2322	2331	rBV	12454483	17565703	100.00%	20.443%
55	16.751	2336	2340	2345	rVV	1160889	1553478	8.84%	1.808%
56	16.804	2345	2349	2360	rVB2	618048	999481	5.69%	1.163%
57	16.892	2360	2364	2368	rBV2	154077	212823	1.21%	0.248%
58	16.986	2375	2380	2384	rBV	1161788	1826380	10.40%	2.126%
59	17.033	2384	2388	2393	rVV	3224461	4477546	25.49%	5.211%
60	17.086	2393	2397	2400	rVV2	435934	679474	3.87%	0.791%
61	17.121	2400	2403	2408	rVB	545651	777844	4.43%	0.905%
62	17.209	2416	2418	2424	rVB4	187335	282713	1.61%	0.329%
63	17.404	2444	2451	2460	rVB4	315012	649893	3.70%	0.756%
64	17.492	2461	2466	2471	rBV	987004	1233345	7.02%	1.435%
65	17.574	2476	2480	2488	rVB5	121771	236940	1.35%	0.276%
66	17.768	2509	2513	2521	rBV10	79104	179607	1.02%	0.209%
67	17.862	2525	2529	2533	rVV	187193	276545	1.57%	0.322%
68	17.909	2533	2537	2544	rVB2	246660	439379	2.50%	0.511%
69	18.056	2557	2562	2566	rBV2	306211	495751	2.82%	0.577%
70	18.186	2579	2584	2588	rBV	860504	1065555	6.07%	1.240%
71	18.368	2612	2615	2619	rBV	163381	209716	1.19%	0.244%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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	18.827	2689	2693	2700	rVB	748745	973544	5.54%	1.133%
73	19.050	2726	2731	2739	rBV	2021748	2803918	15.96%	3.263%
74	19.415	2783	2793	2803	rBV3	1835866	3654308	20.80%	4.253%
75	19.945	2876	2883	2888	rVB2	642022	859973	4.90%	1.001%
76	20.444	2964	2968	2973	rBV	544101	586436	3.34%	0.682%
77	20.909	3044	3047	3055	rVB3	494840	558309	3.18%	0.650%
78	21.186	3088	3094	3098	rBV2	1454635	2134368	12.15%	2.484%
79	21.227	3098	3101	3105	rVB	242565	291404	1.66%	0.339%
80	21.344	3117	3121	3124	rBV	403203	431697	2.46%	0.502%
81	21.768	3190	3193	3197	rVB2	307892	338754	1.93%	0.394%
82	22.221	3266	3270	3274	rBV3	224461	284434	1.62%	0.331%
83	22.709	3350	3353	3362	rBV4	188538	380653	2.17%	0.443%
84	23.238	3439	3443	3454	rVB4	292711	765039	4.36%	0.890%
85	23.374	3460	3466	3472	rVB	923988	1587354	9.04%	1.847%

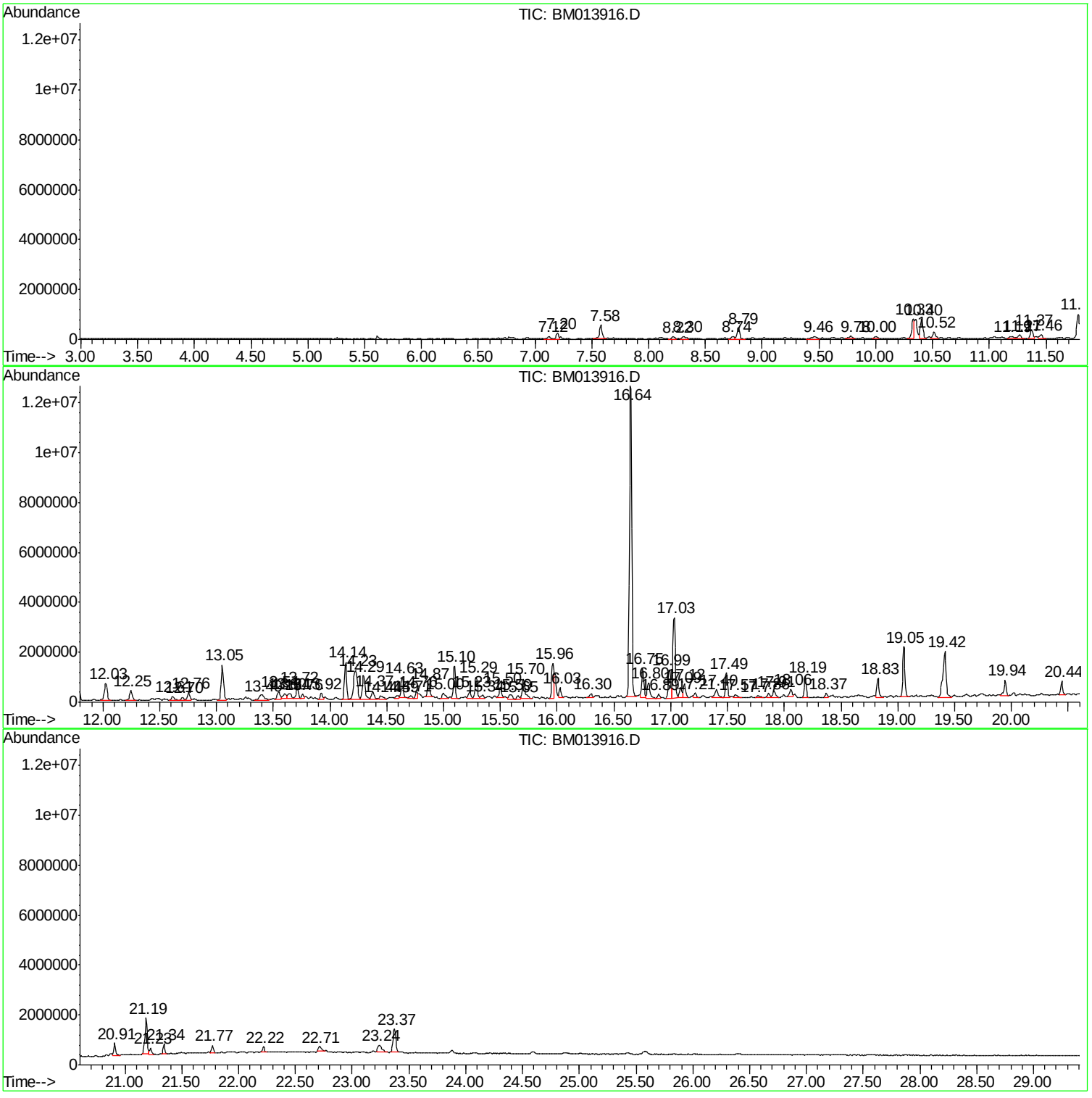
Sum of corrected areas: 85925260

Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A79ME

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 : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

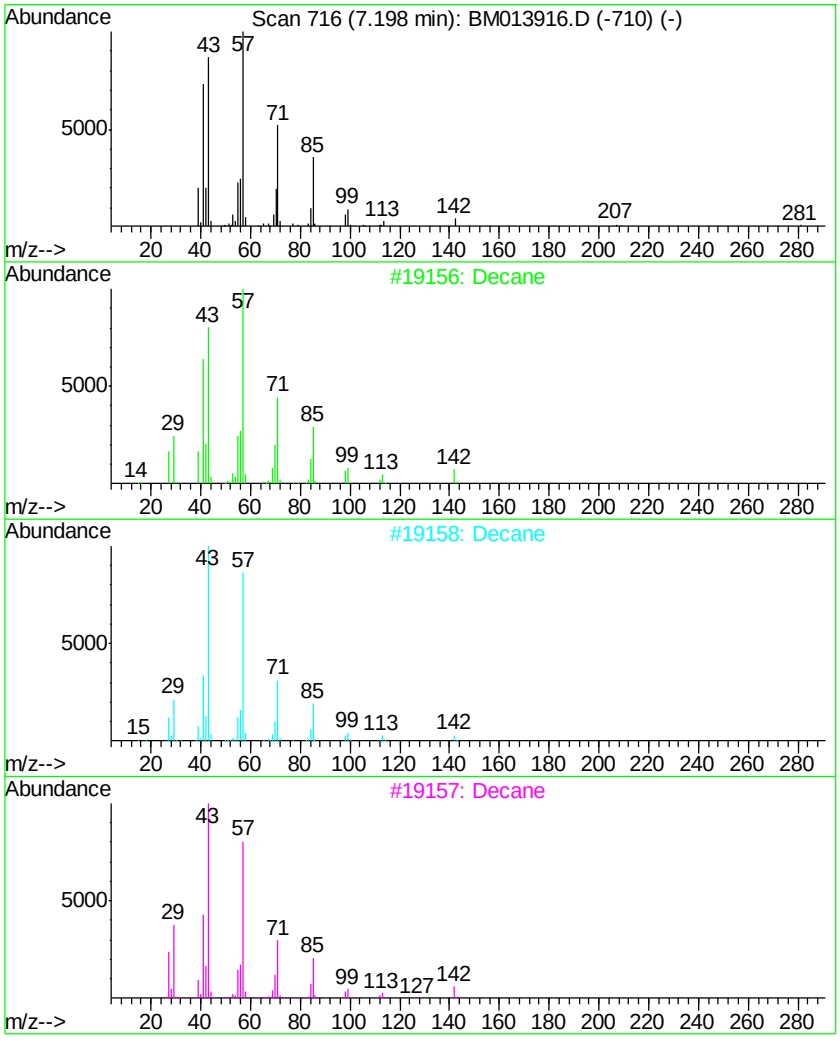
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

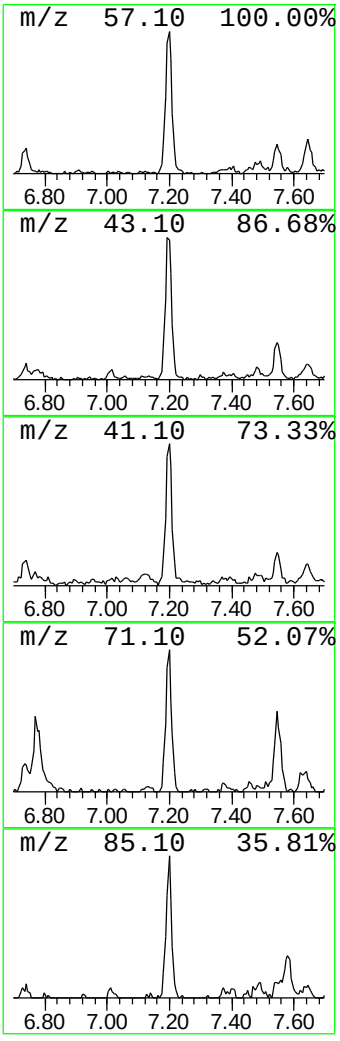
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	6.93 ng/ul	346907	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	91
2	Decane	142	C10H22	000124-18-5	90
3	Decane	142	C10H22	000124-18-5	87
4	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	72
5	Nonane	128	C9H20	000111-84-2	64





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

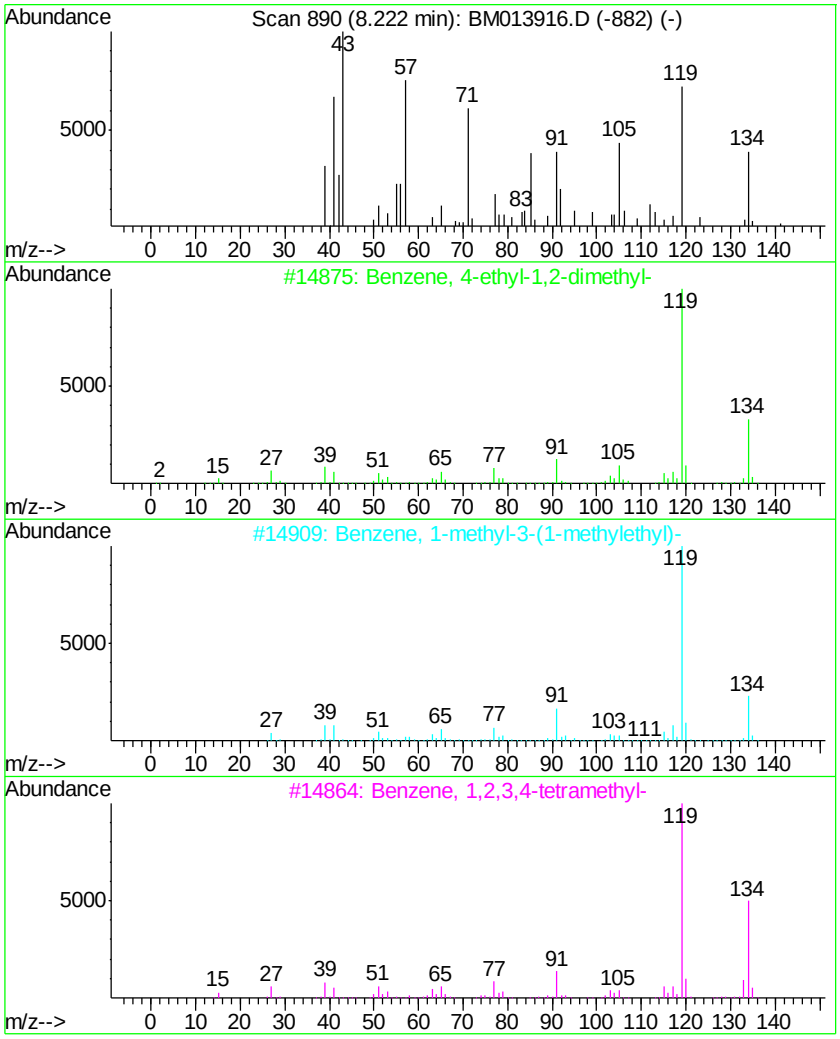
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

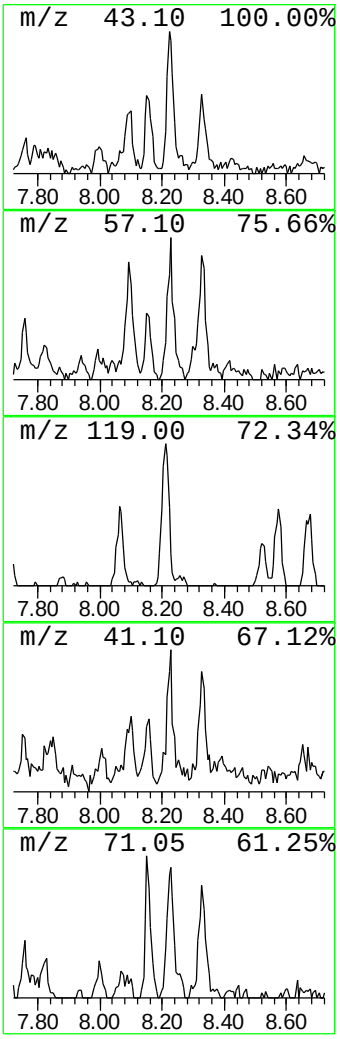
****

Peak Number 2 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	3.62 ng/ul	181355	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

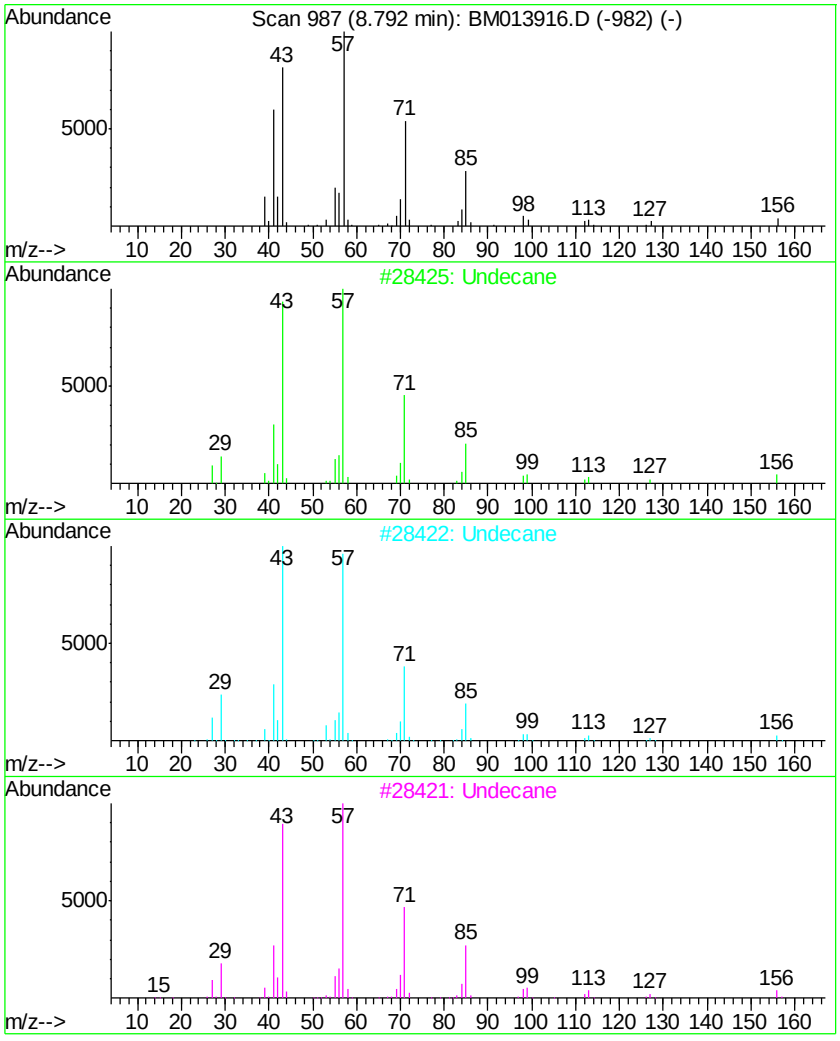
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

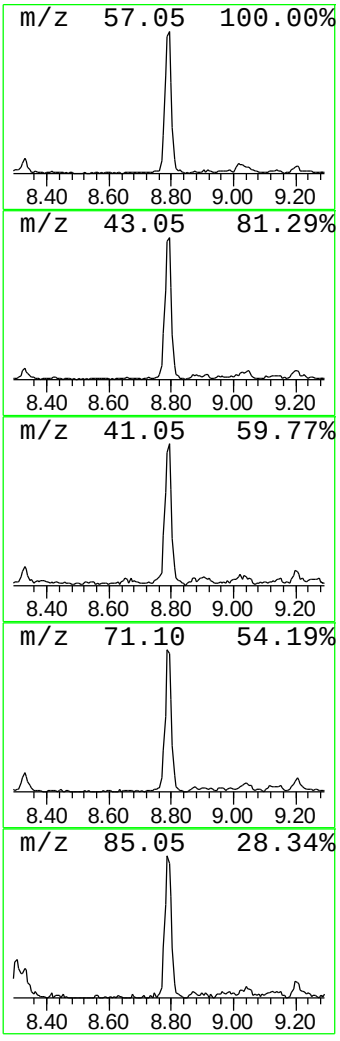
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	14.58 ng/ul	729583	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	93
2	Undecane	156	C11H24	001120-21-4	91
3	Undecane	156	C11H24	001120-21-4	87
4	Tridecane	184	C13H28	000629-50-5	86
5	Hexadecane	226	C16H34	000544-76-3	86





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

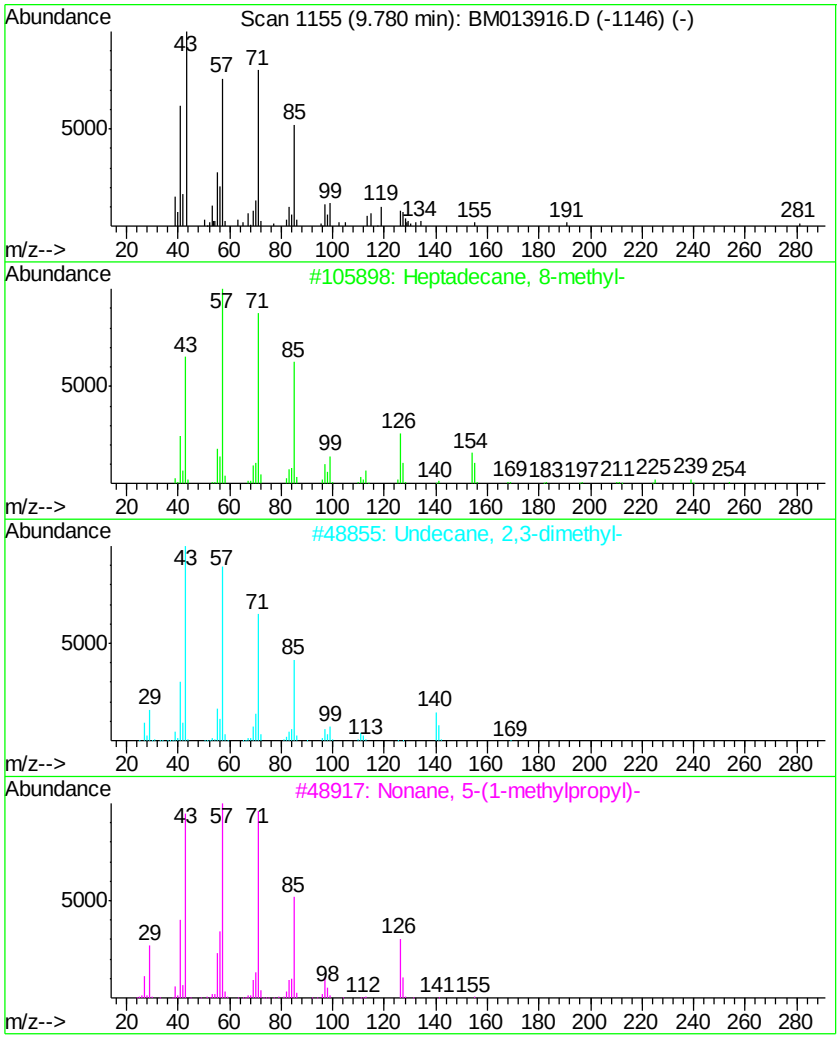
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

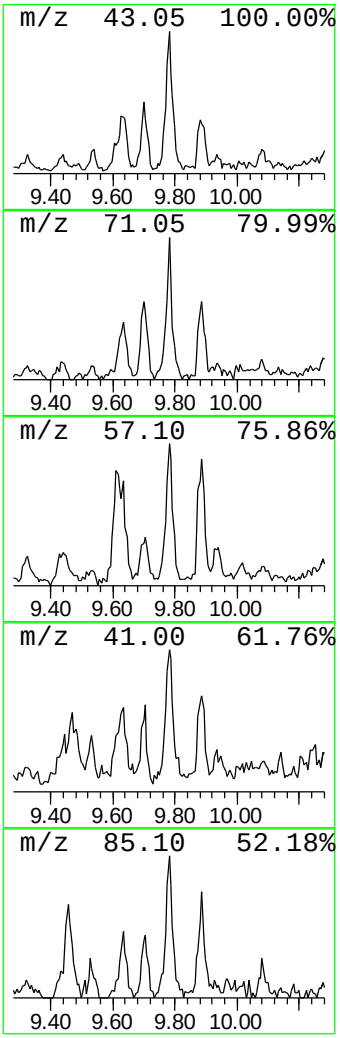
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	3.78 ng/ul	234152	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	72
2	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	64
3	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	59
4	10-Methylnonadecane	282	C20H42	056862-62-5	58
5	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	53





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

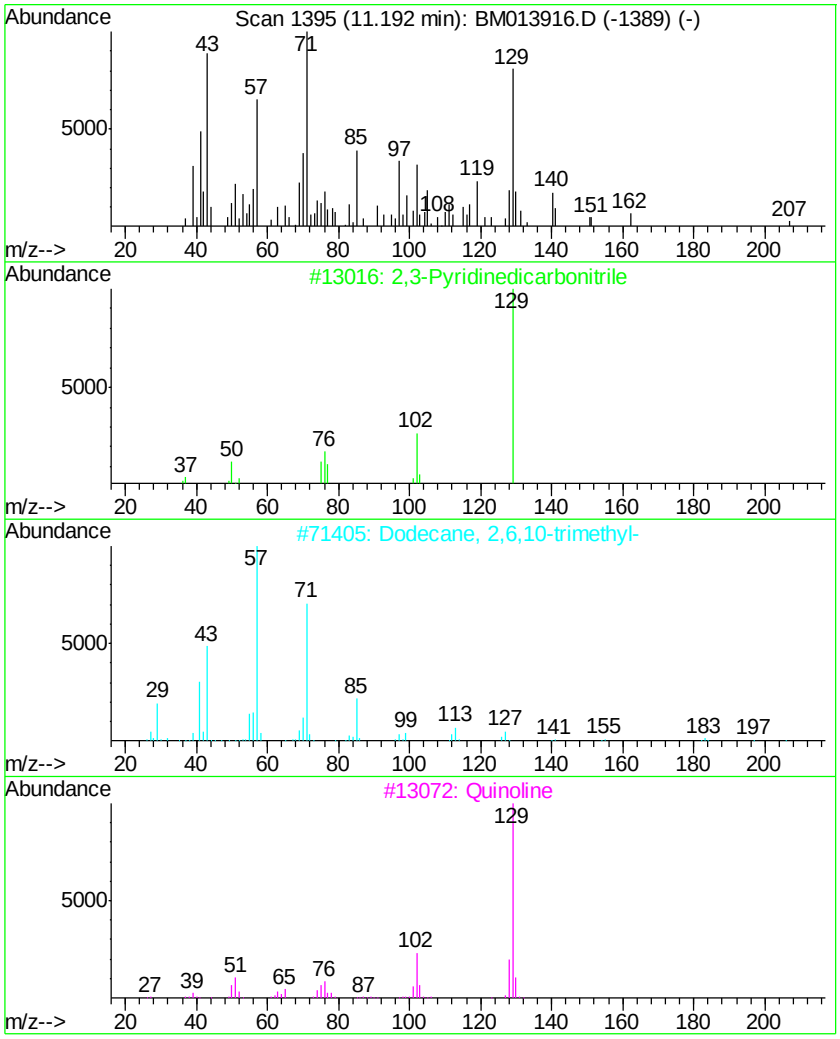
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

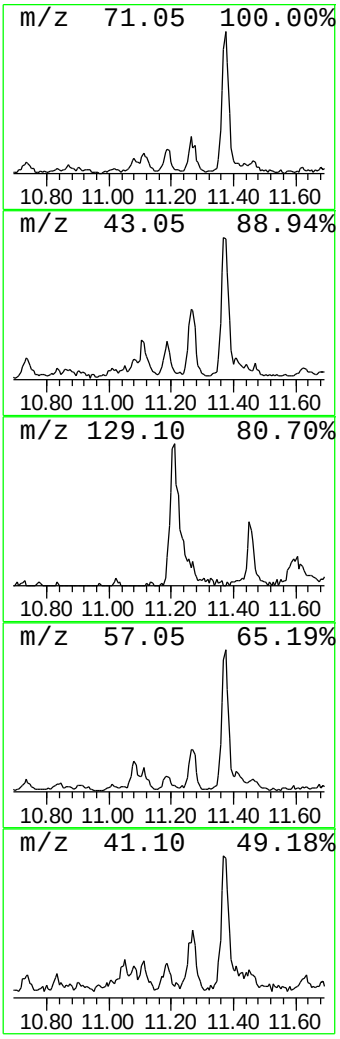
****

Peak Number 5 unknown-01 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	3.73 ng/ul	231004	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Pyridinedicarbonitrile	129	C7H3N3	017132-78-4	35
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	27
3	Quinoline	129	C9H7N	000091-22-5	25
4	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	25
5	Isoquinoline	129	C9H7N	000119-65-3	25





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

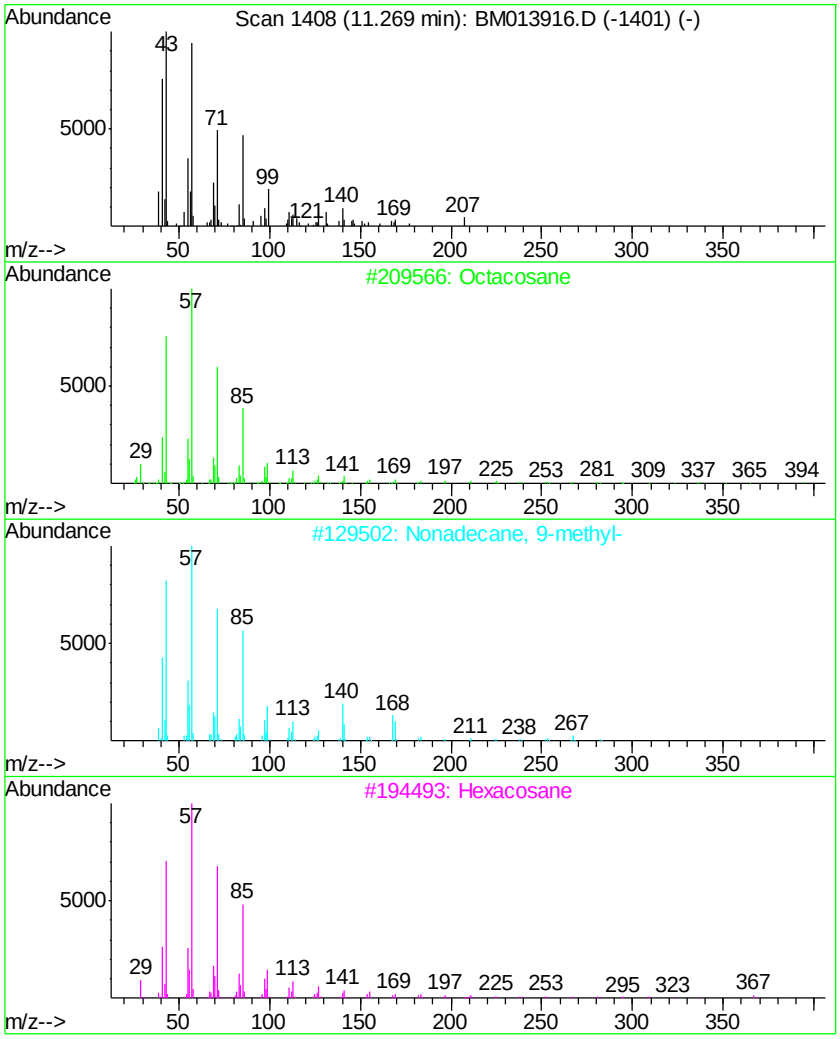
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

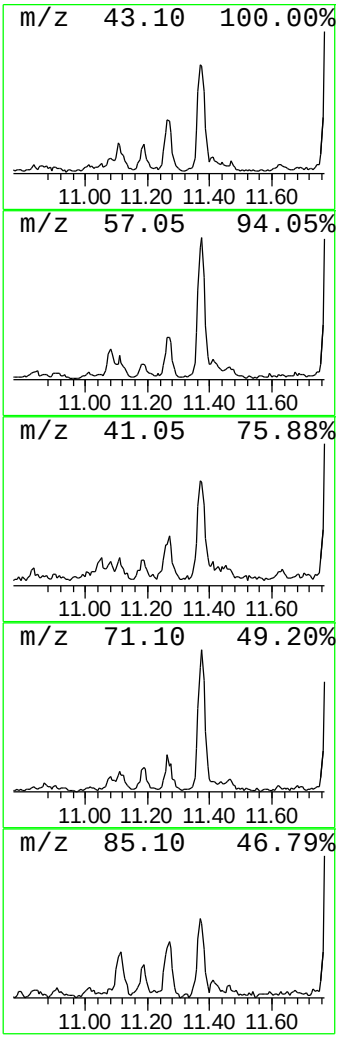
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	4.47 ng/ul	277180	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	80
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	72
3	Hexacosane	366	C26H54	000630-01-3	64
4	10-Methylnonadecane	282	C20H42	056862-62-5	64
5	Tetratetracontane	619	C44H90	007098-22-8	59





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

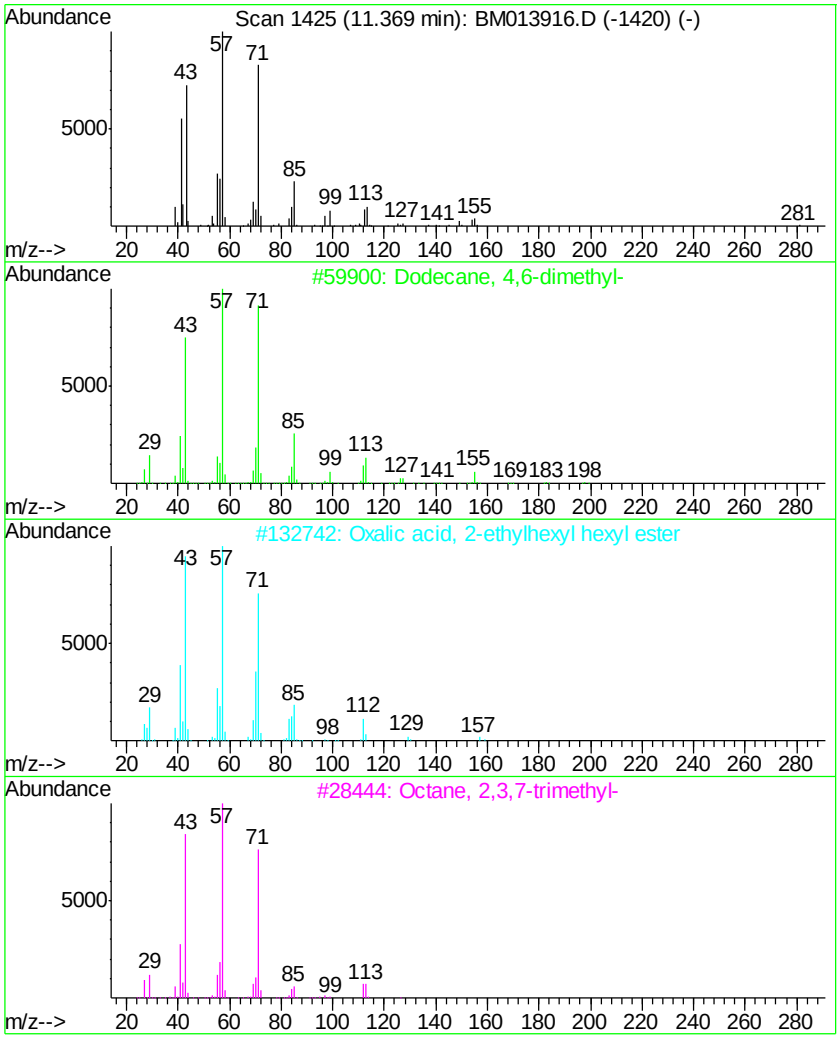
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

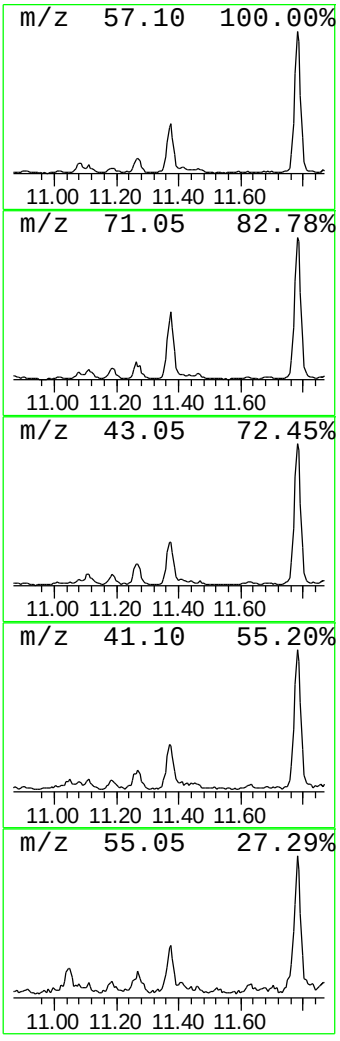
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	8.58 ng/ul	531630	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	74
2	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	72
3	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

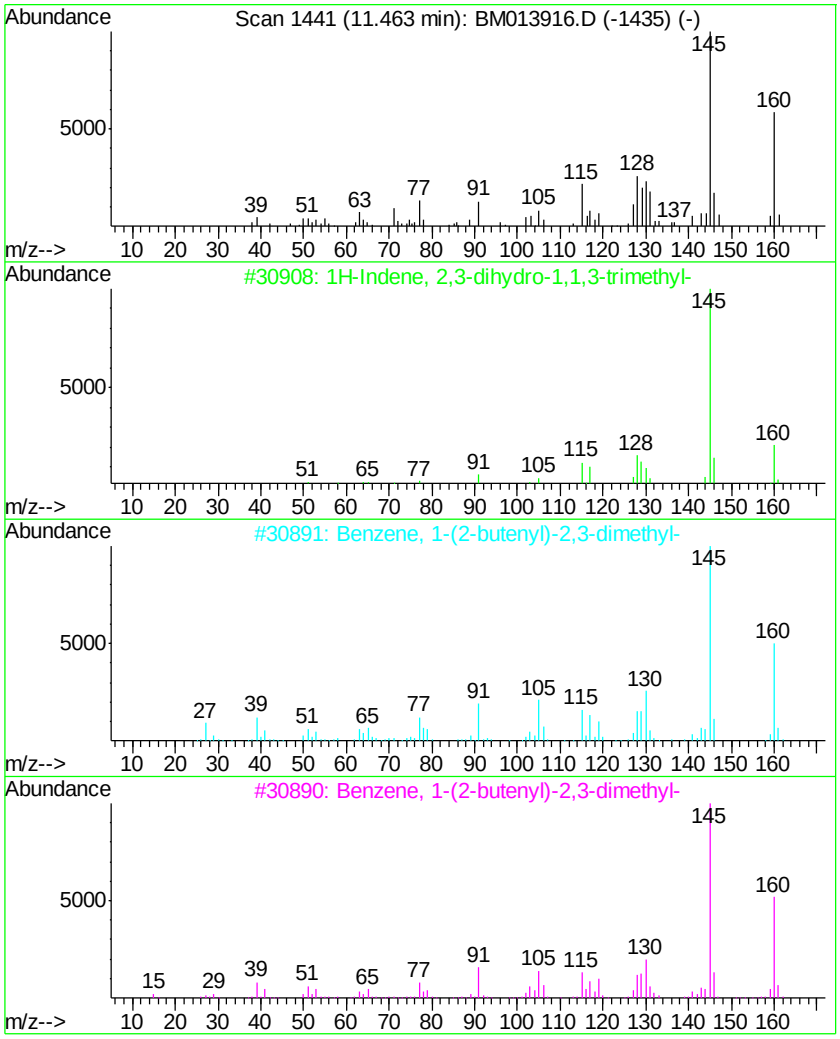
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

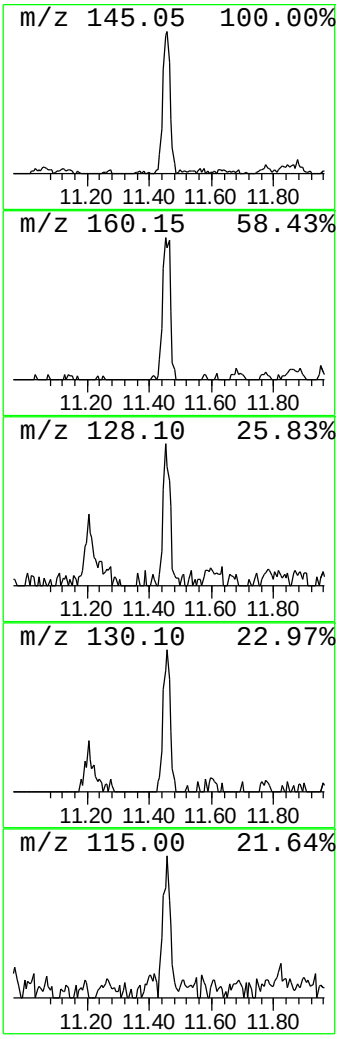
****

Peak Number 8 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	4.58 ng/ul	284083	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	83
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	81
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	81
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	76
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	74





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

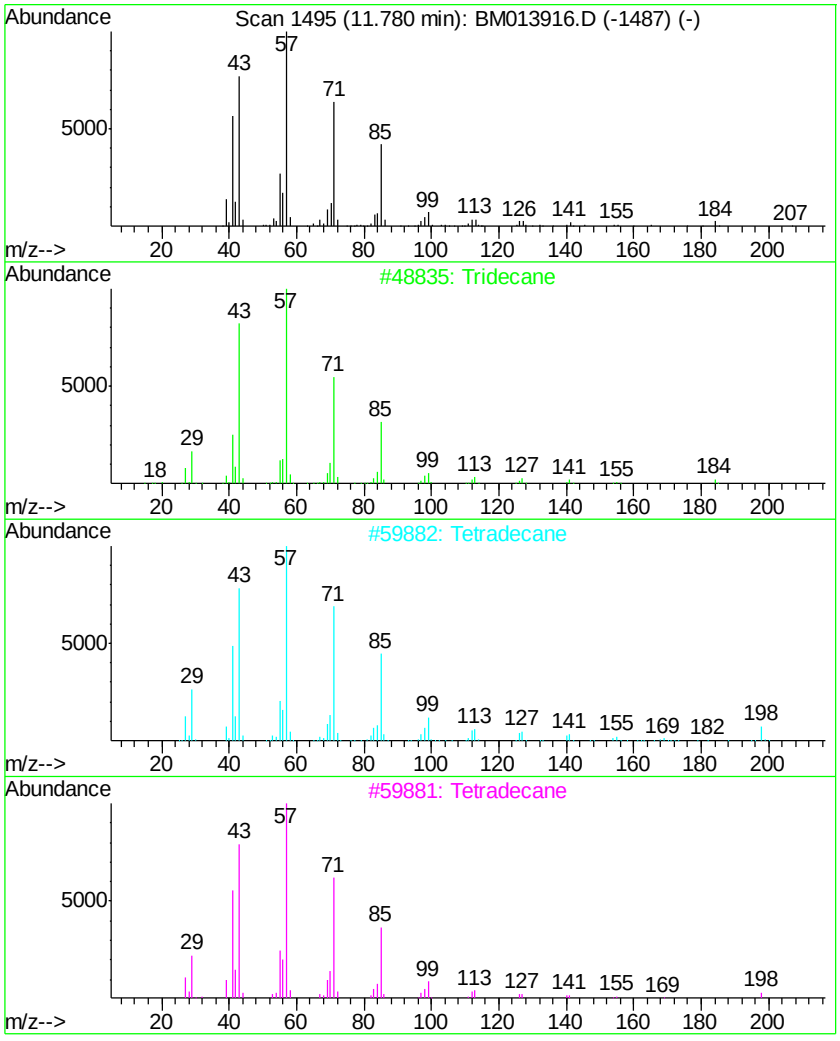
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

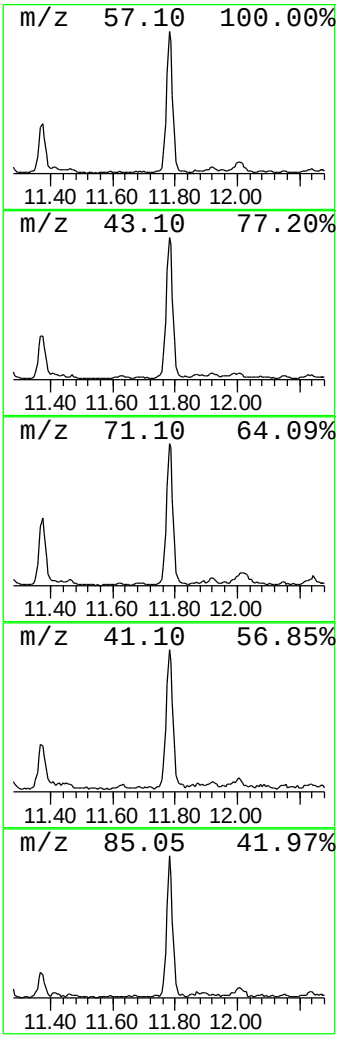
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	24.41 ng/ul	1512790	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Tetradecane	198	C14H30	000629-59-4	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Pentadecane	212	C15H32	000629-62-9	90
5	Tetradecane	198	C14H30	000629-59-4	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

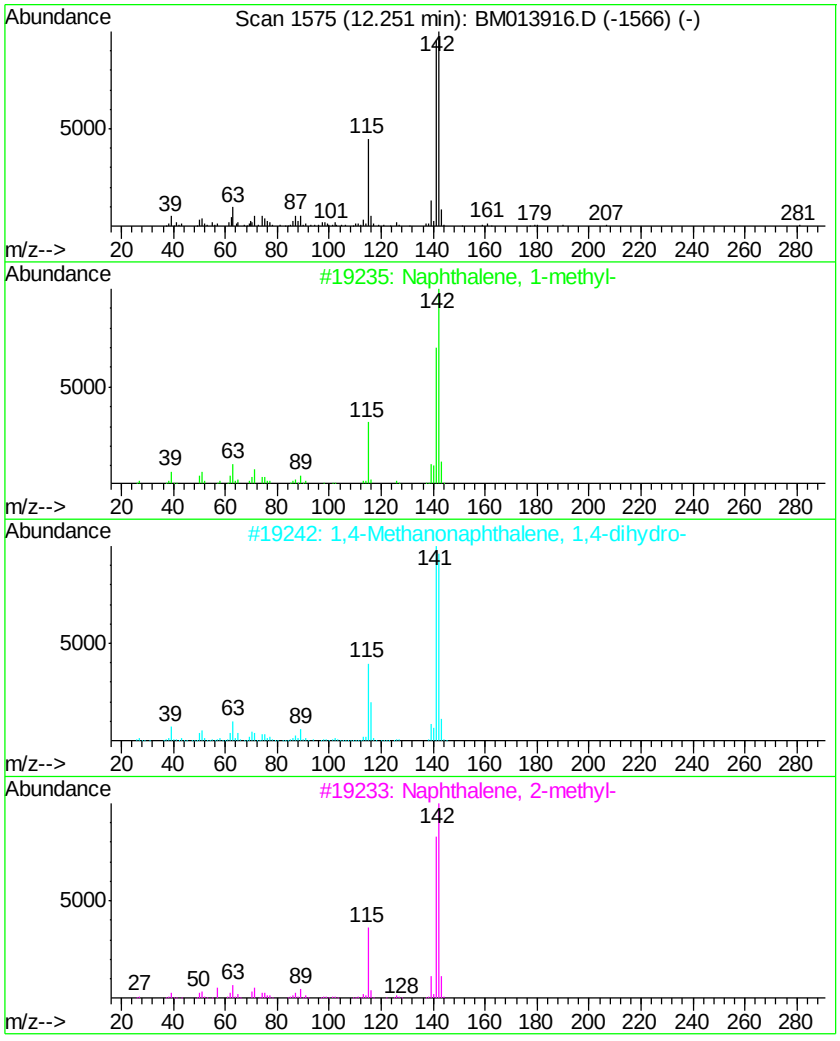
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

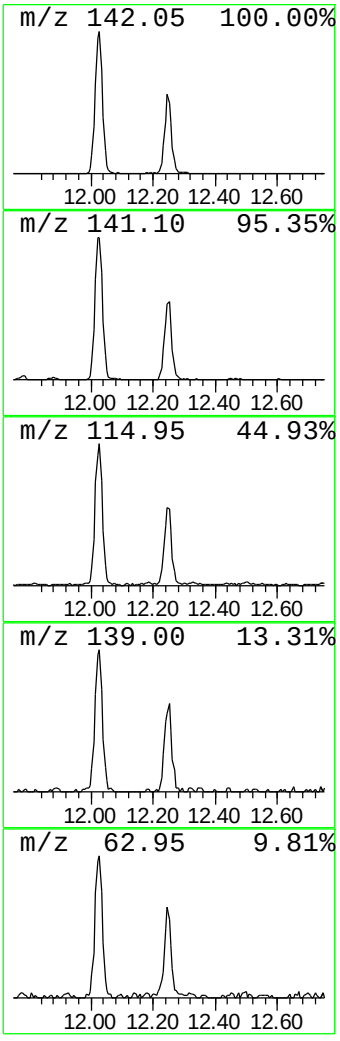
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	11.23 ng/ul	696061	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

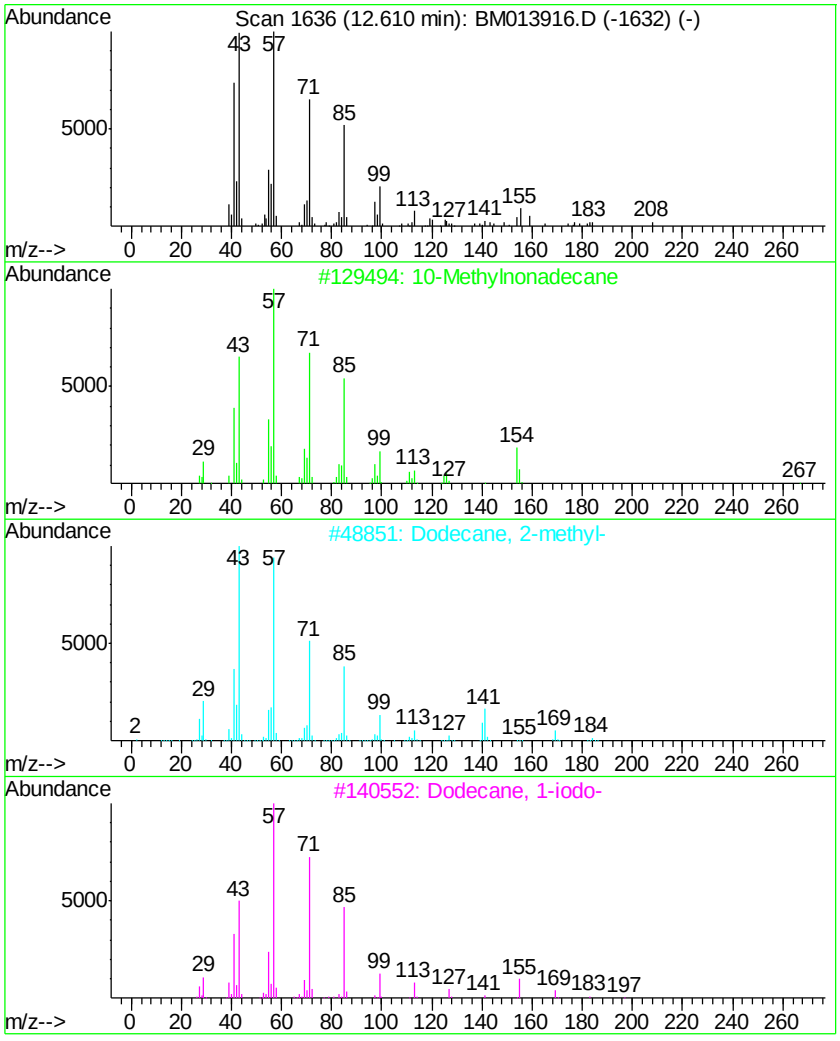
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

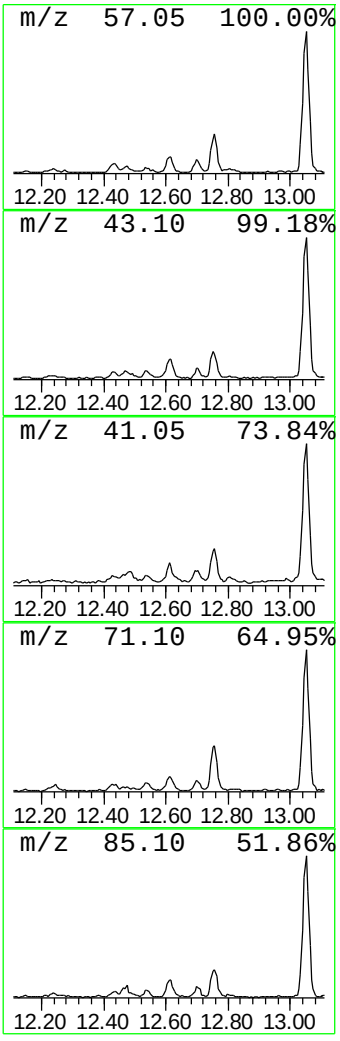
****

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	2.13 ng/ul	296411	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	86
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	81
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	53
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	53
5	Octane, 2-methyl-	128	C9H20	003221-61-2	52





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

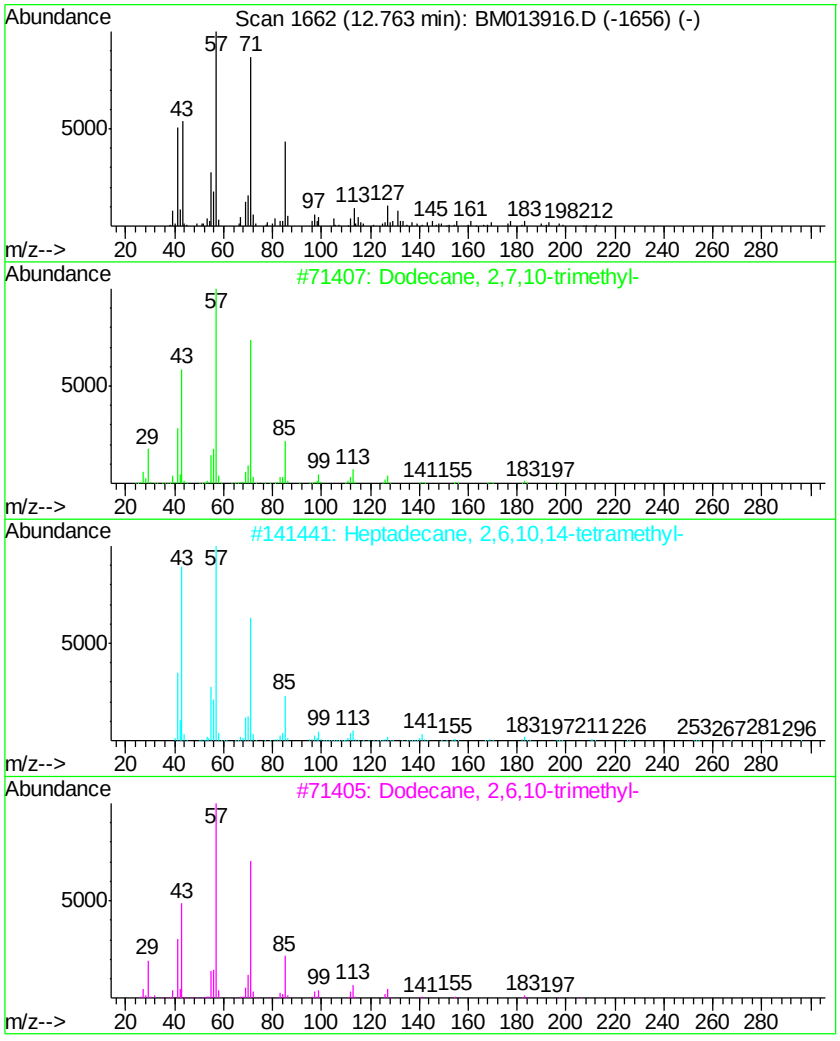
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

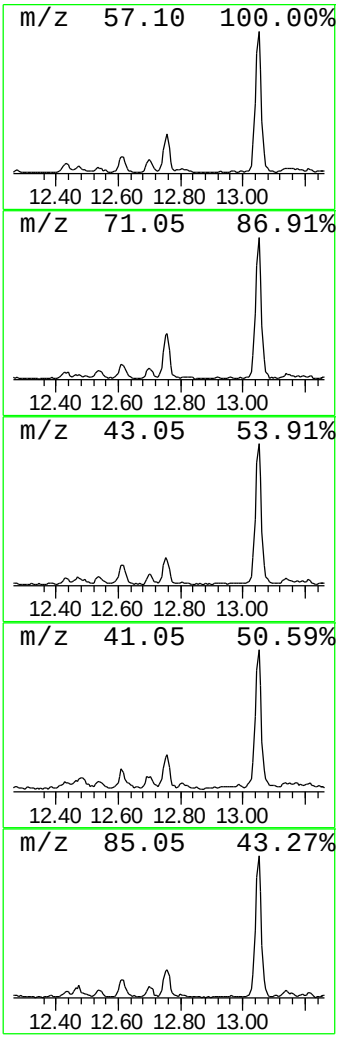
****

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	3.59 ng/ul	500262	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	86
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

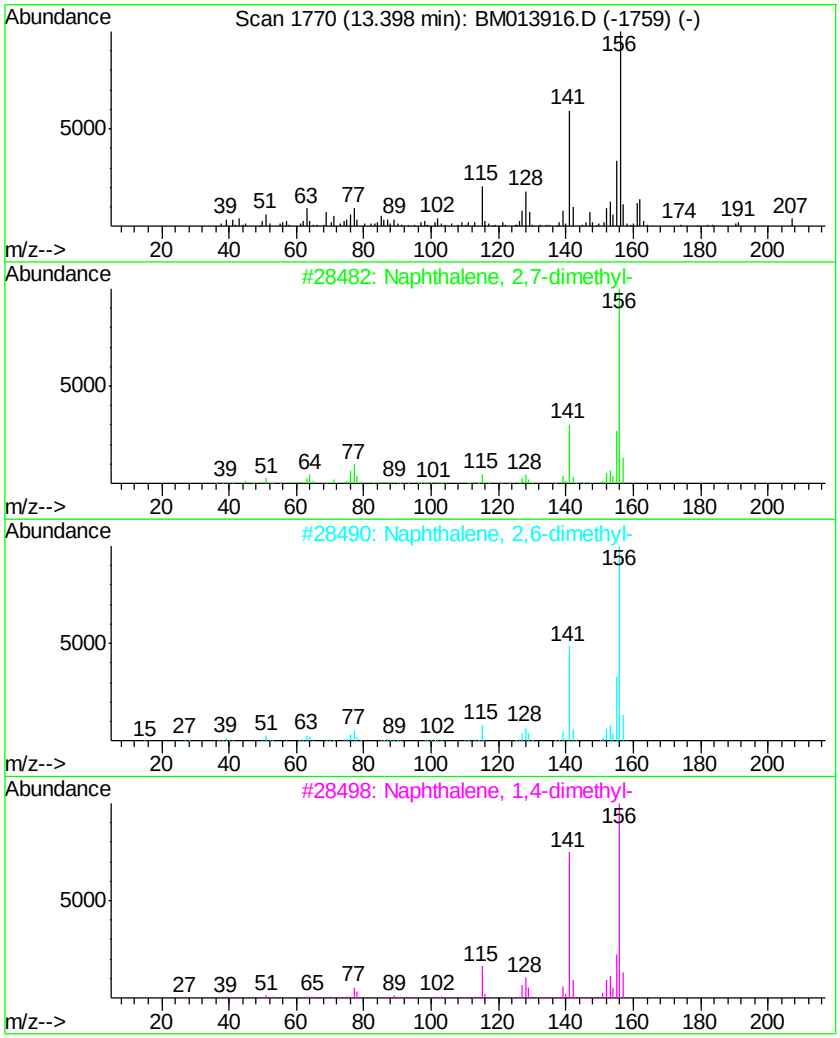
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

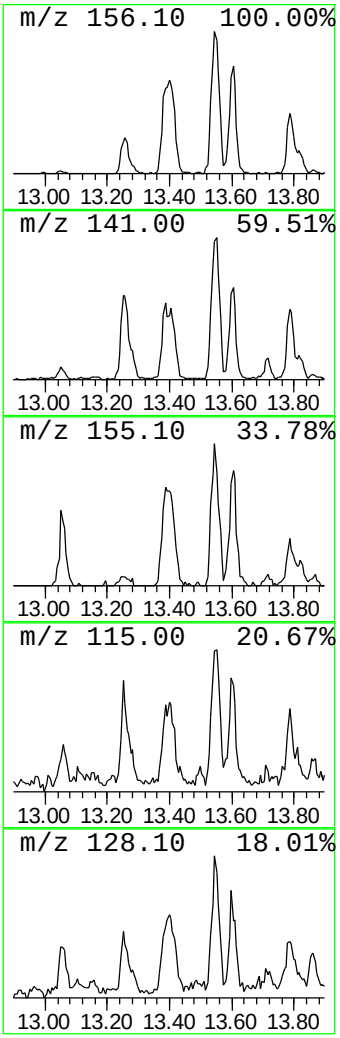
****

Peak Number 13 Naphthalene, 2,7-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	5.07 ng/ul	705308	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

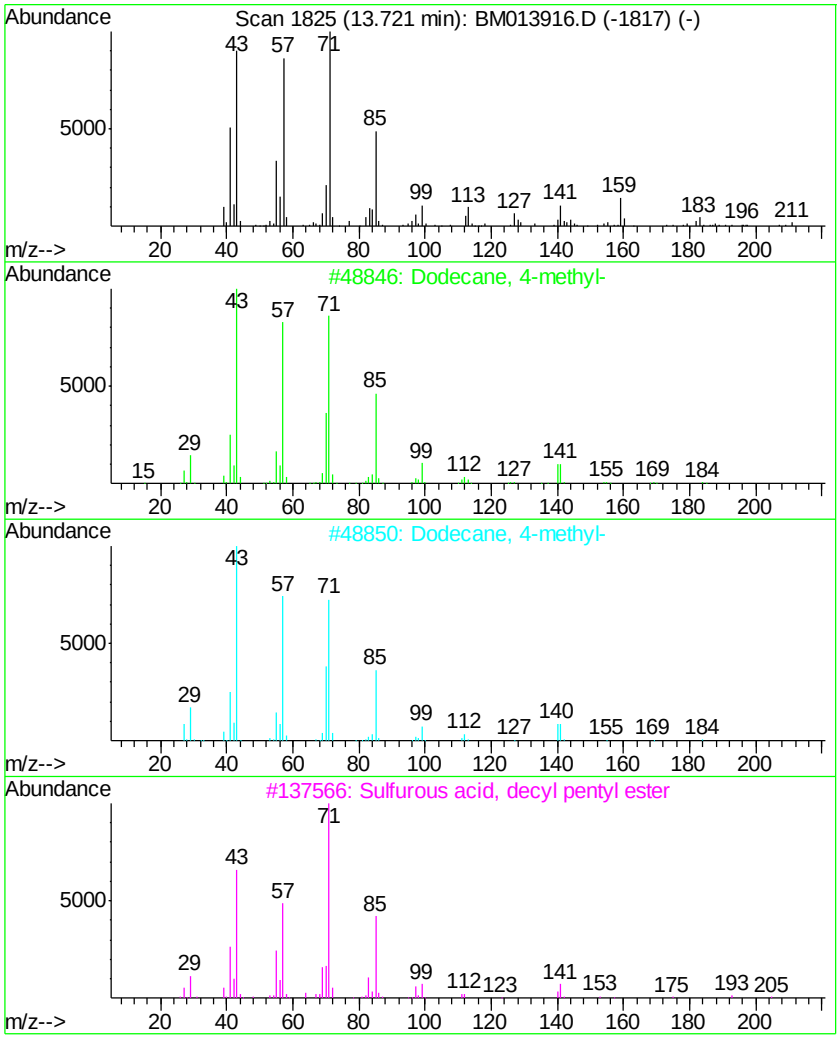
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

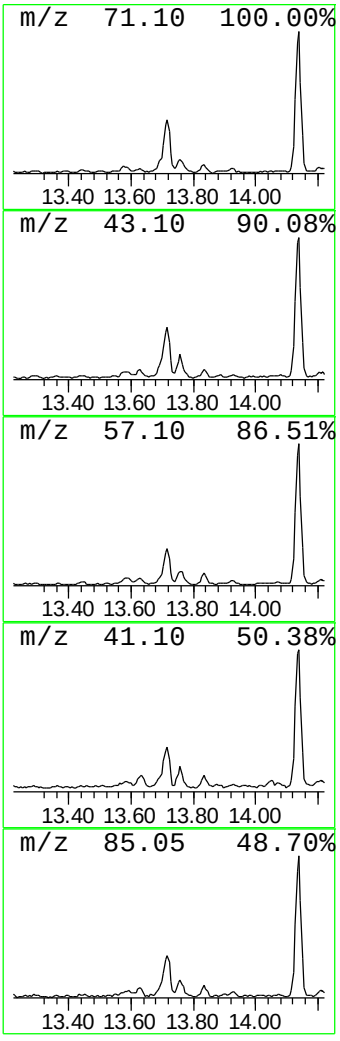
****

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	5.29 ng/ul	736233	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	89
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	76
3	Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	72
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

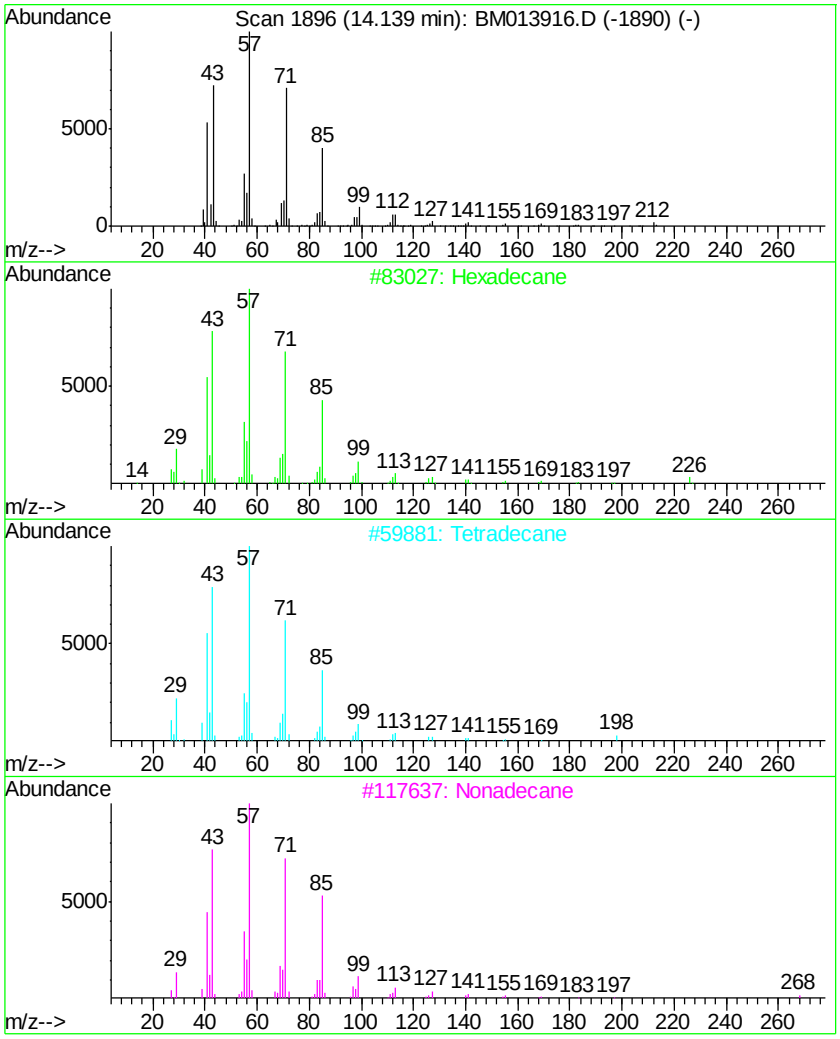
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

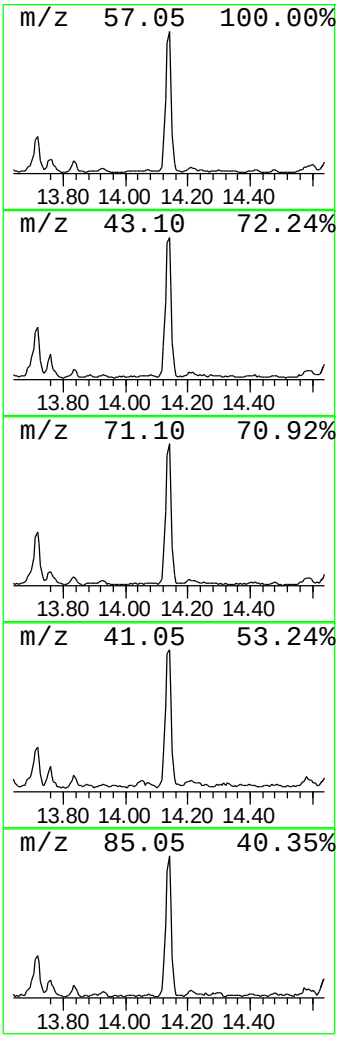
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	14.07 ng/ul	1958200	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Tridecane	184	C13H28	000629-50-5	90
5	Tetradecane	198	C14H30	000629-59-4	90





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

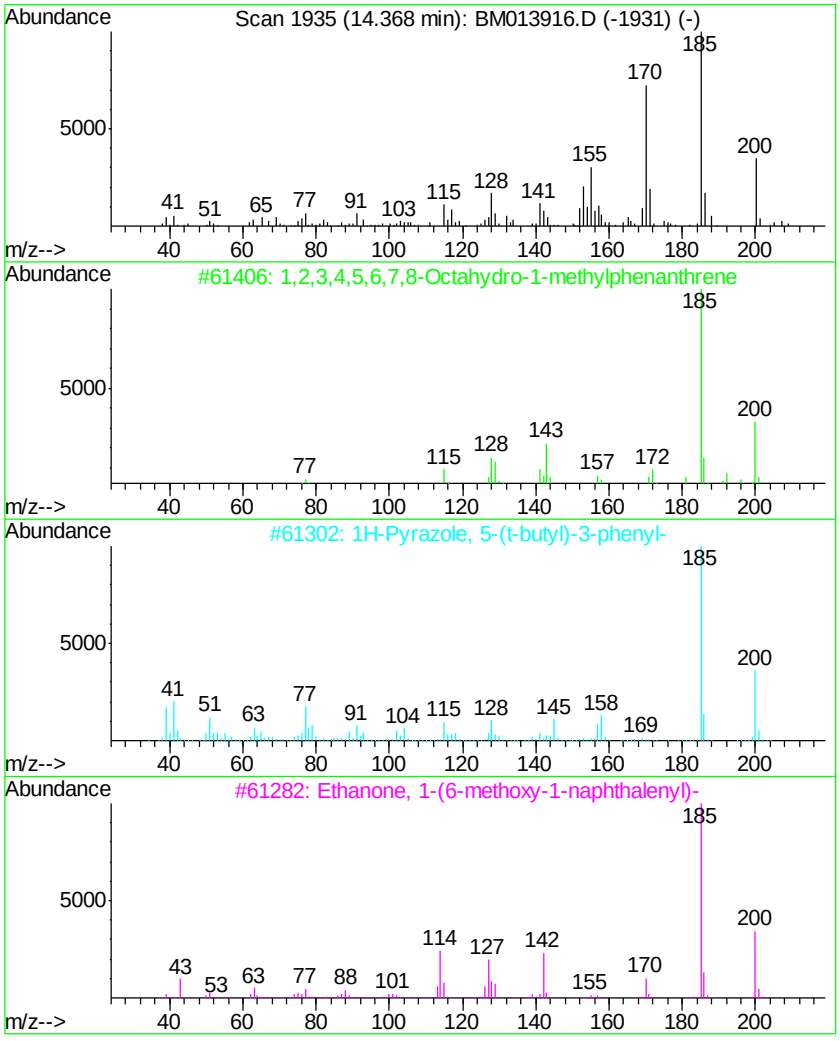
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

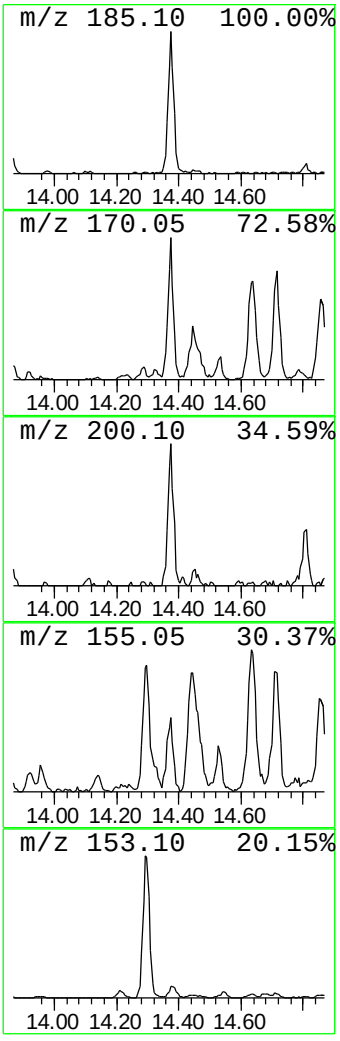
****

Peak Number 17 1,2,3,4,5,6,7,8-Octahydro-1... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	3.78 ng/ul	525830	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4,5,6,7,8-Octahydro-1-meth...	200	C15H20	1000080-19-4	55
2	1H-Pyrazole, 5-(t-butyl)-3-phenyl-	200	C13H16N2	1000261-34-8	50
3	Ethanone, 1-(6-methoxy-1-naphtha...	200	C13H12O2	058149-89-6	46
4	9-Methyl-5-octahydroanthracene	200	C15H20	004948-51-0	46
5	3,4-Dimethyl(1H)pyrrole, 2-[(3,4...	200	C13H16N2	065539-79-9	46





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

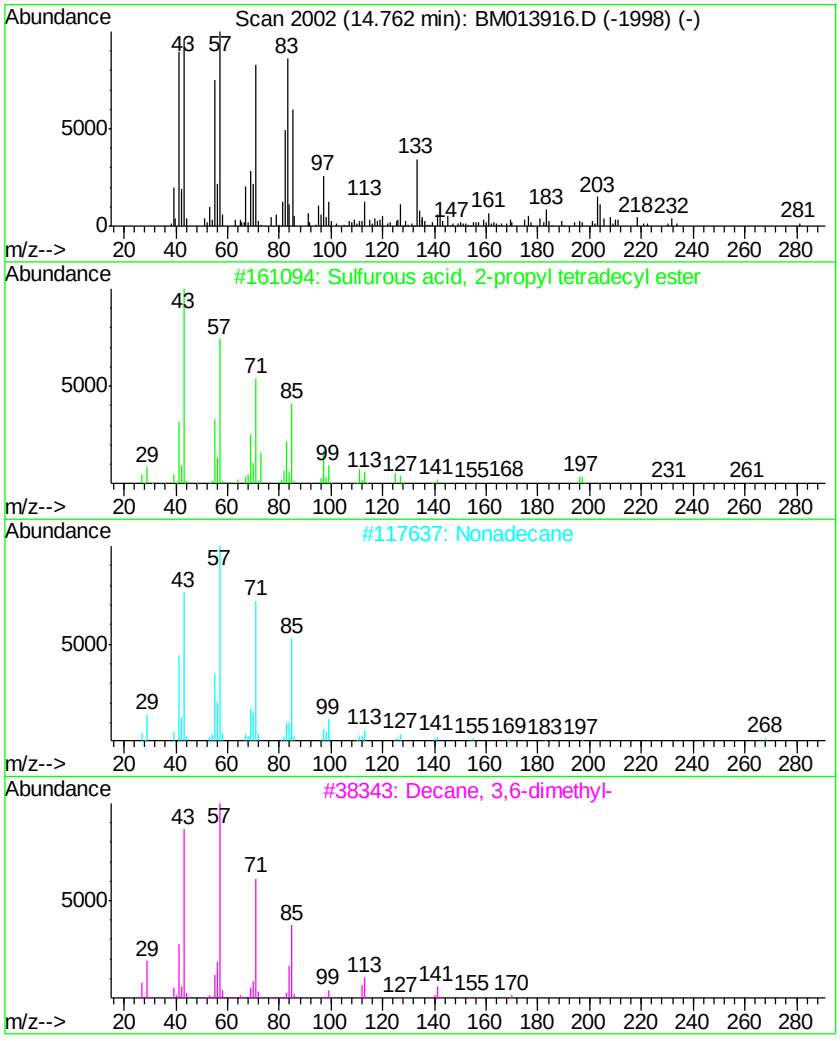
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

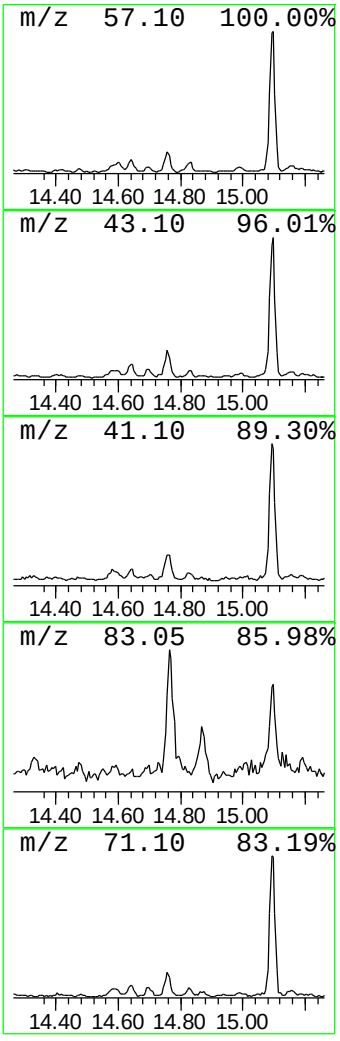
****

Peak Number 18 Sulfurous acid, 2-propyl te... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	2.97 ng/ul	413172	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	80
2	Nonadecane	268	C19H40	000629-92-5	64
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	62
4	Hexadecane	226	C16H34	000544-76-3	58
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	52





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

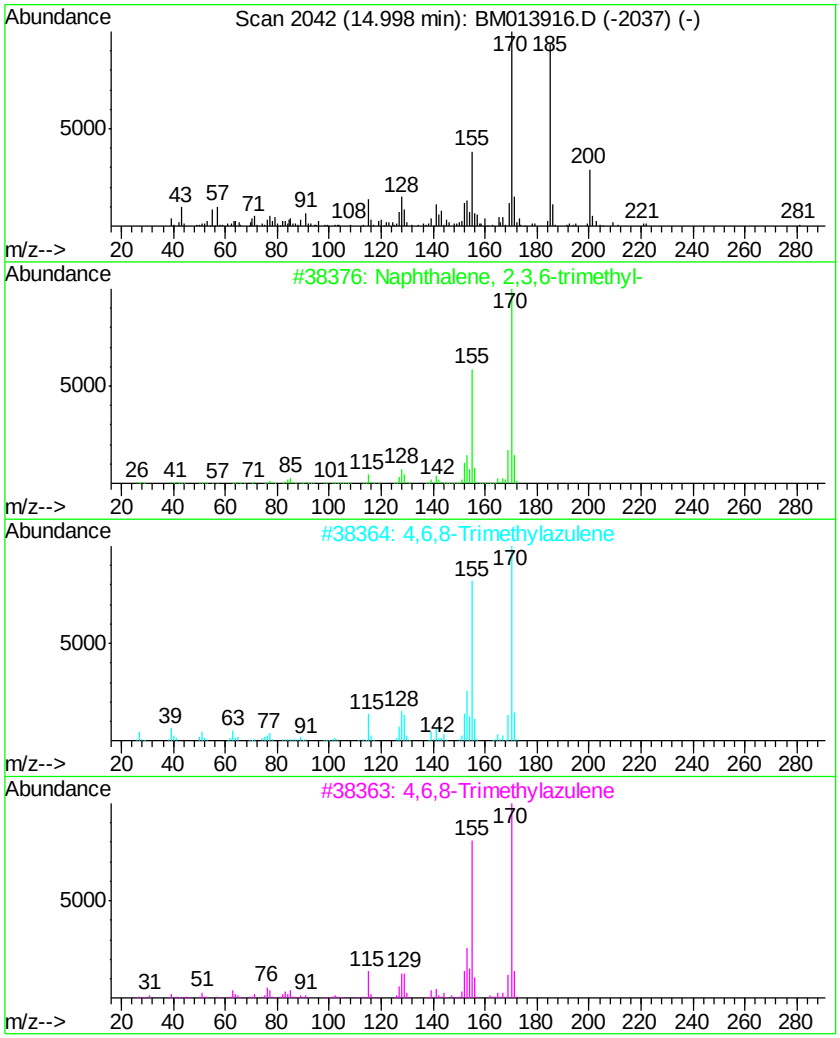
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

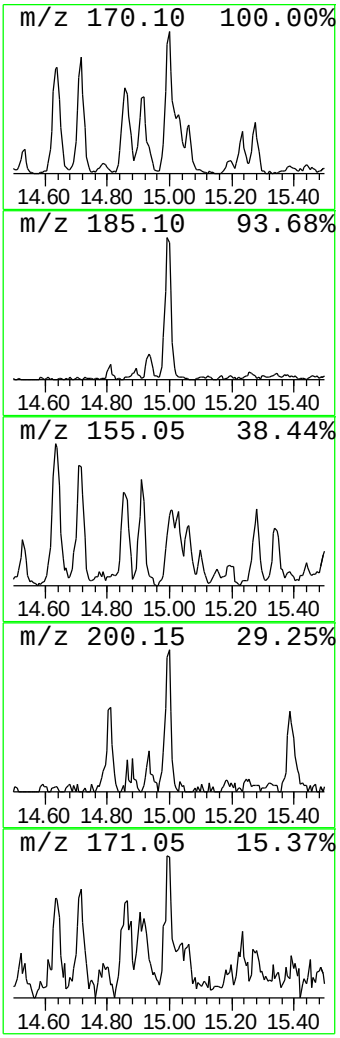
****

Peak Number 19 Naphthalene, 2,3,6-trimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	3.29 ng/ul	457813	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	70
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	60
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	55
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	55





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

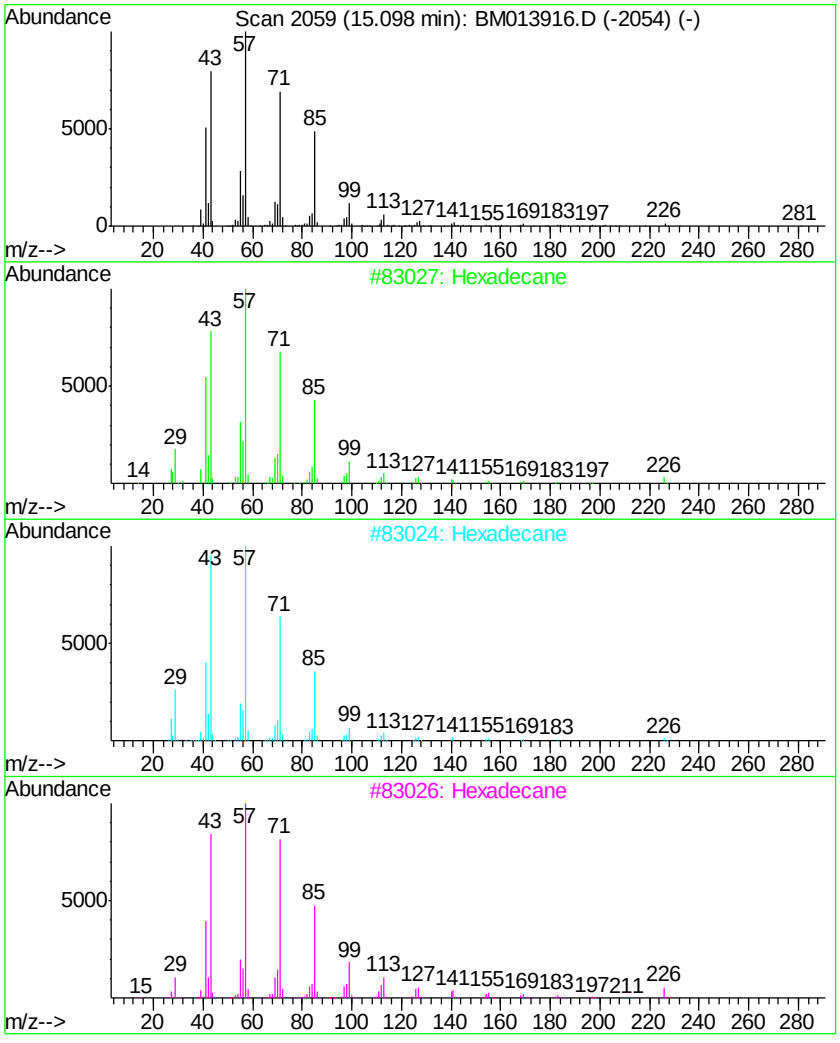
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

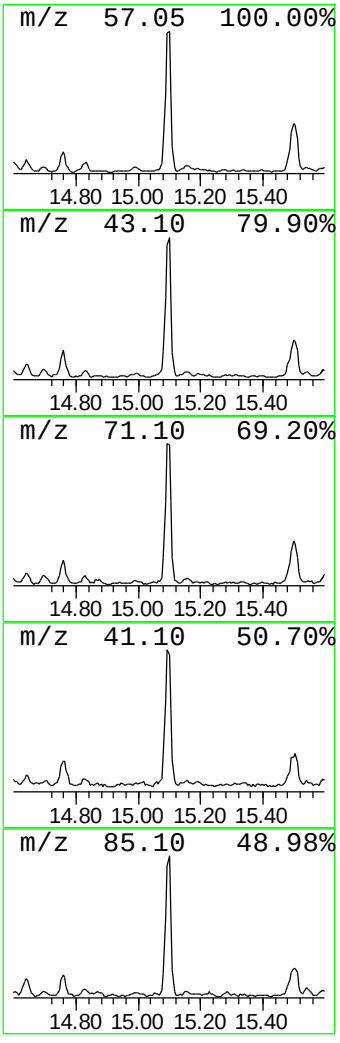
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	11.82 ng/ul	1644530	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Hexadecane	226	C16H34	000544-76-3	95
3	Hexadecane	226	C16H34	000544-76-3	95
4	Heptadecane	240	C17H36	000629-78-7	90
5	Pentadecane	212	C15H32	000629-62-9	90





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

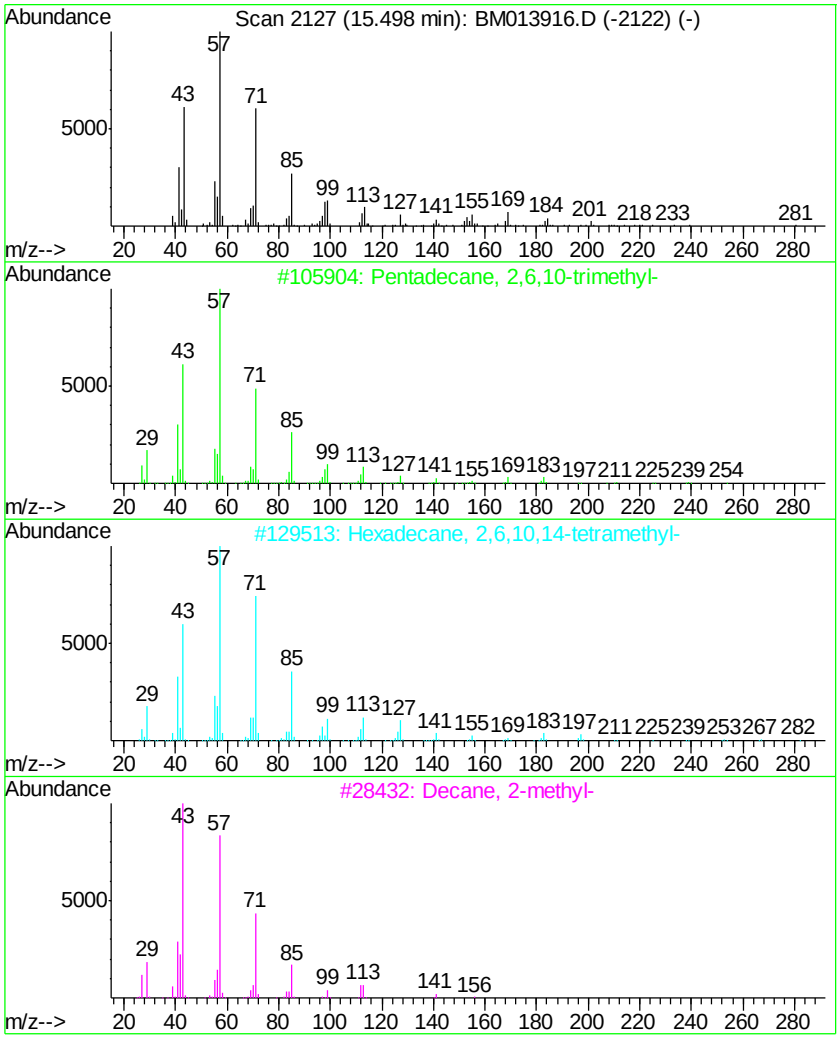
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

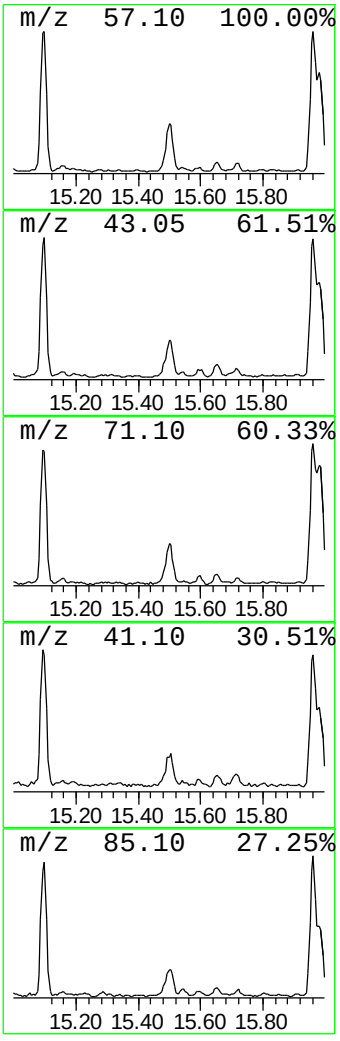
****

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	4.38 ng/ul	609541	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3	Decane, 2-methyl-	156	C11H24	006975-98-0	68
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

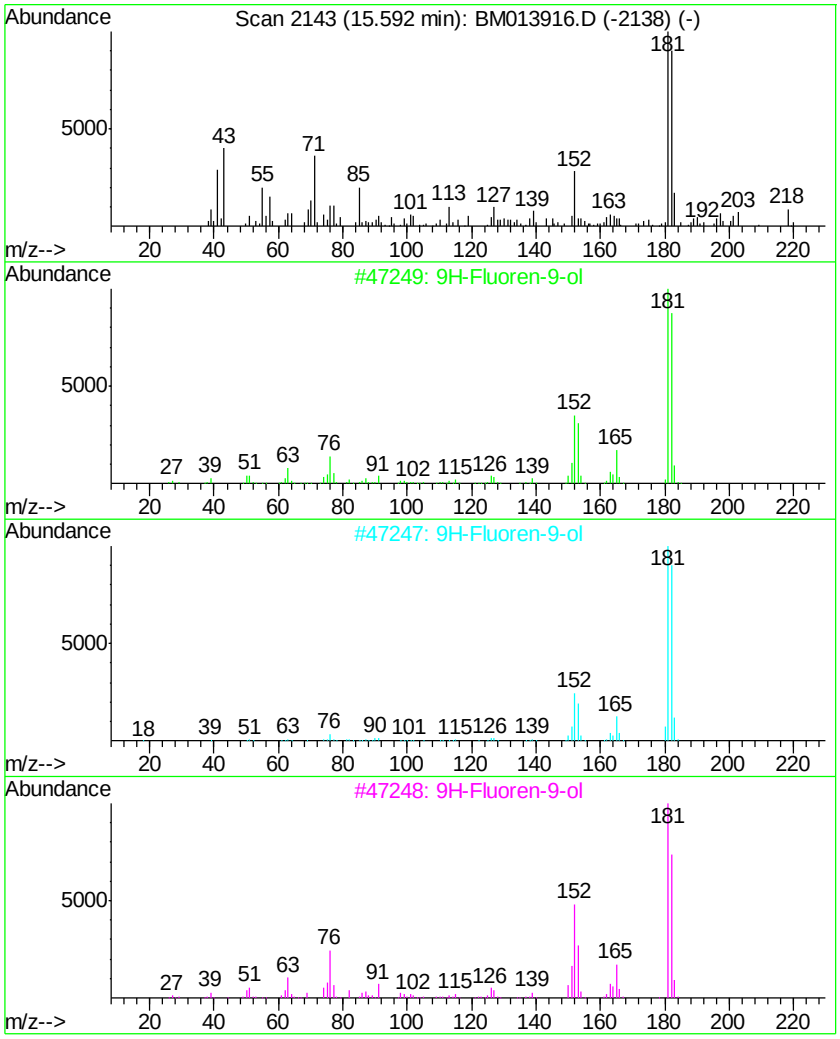
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

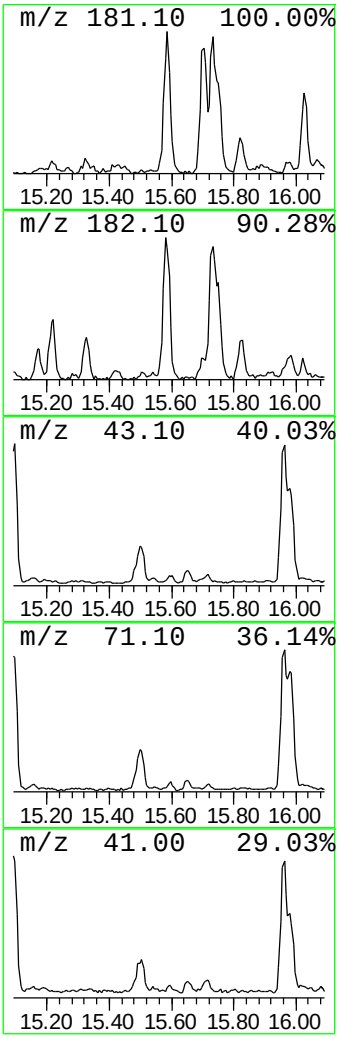
****

Peak Number 22 9H-Fluoren-9-ol Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	2.82 ng/ul	392536	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	76
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	76
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
4	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	62
5	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	58





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

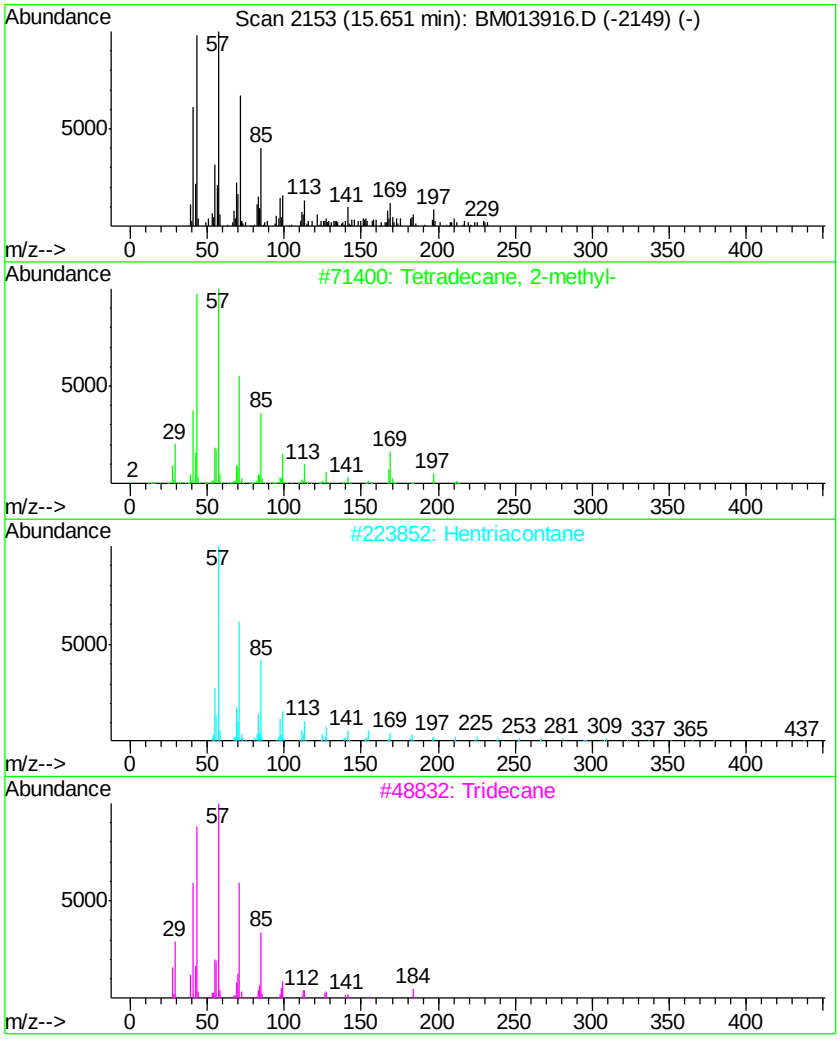
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

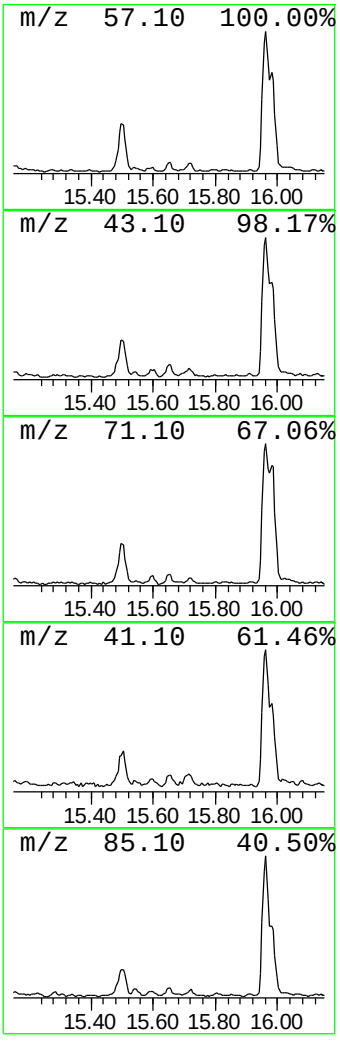
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	2.30 ng/ul	209796	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	89
2	Hentriacontane	437	C31H64	000630-04-6	87
3	Tridecane	184	C13H28	000629-50-5	86
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
5	Hexacosane	366	C26H54	000630-01-3	80





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

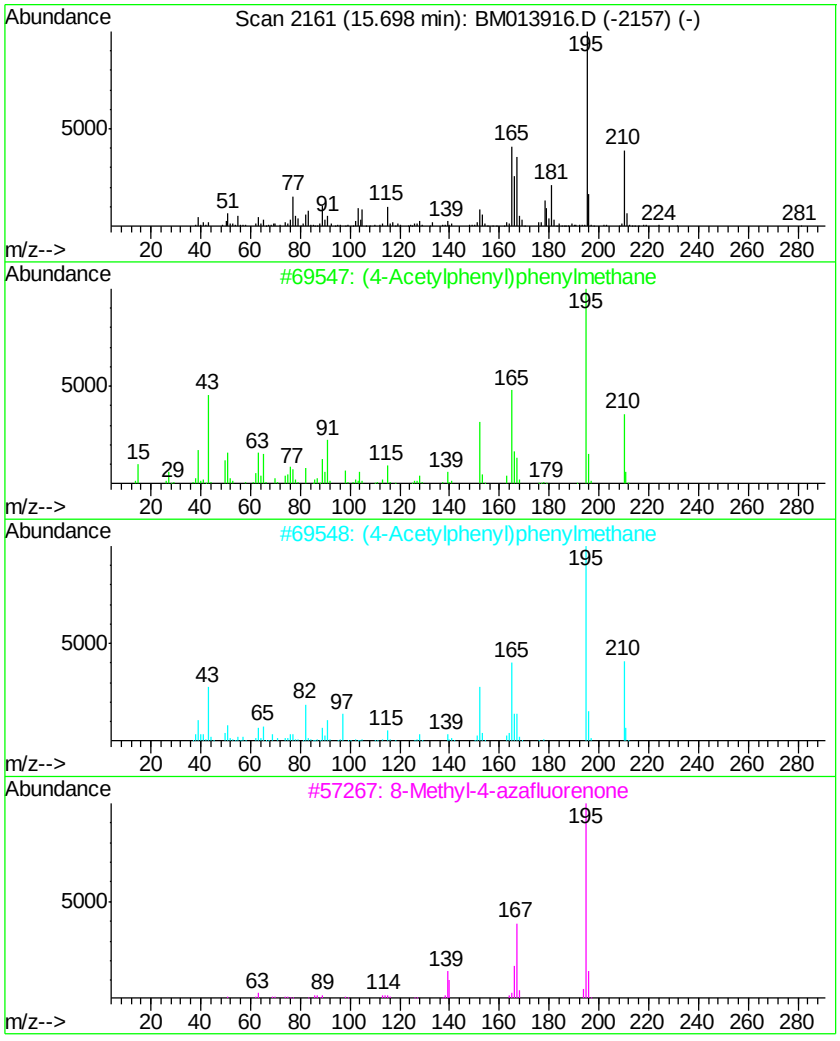
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

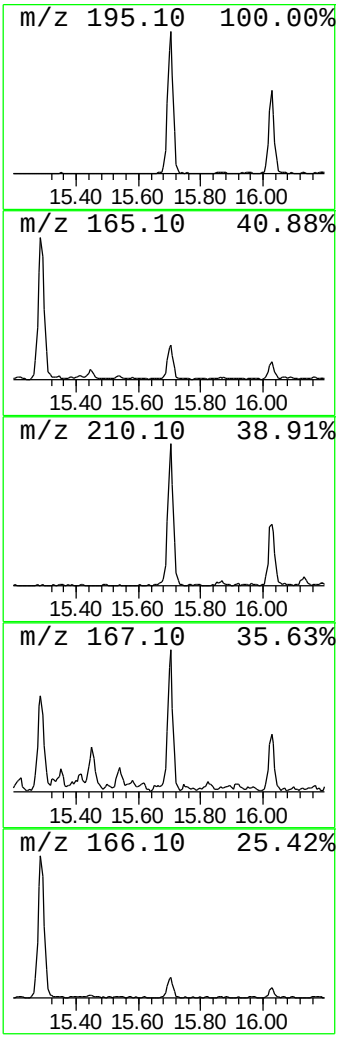
****

Peak Number 24 (4-Acetylphenyl)phenylmethane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	15.01 ng/ul	1370420	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	68
2	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	64
3	8-Methyl-4-azafluorenone	195	C13H9NO	064292-03-1	43
4	3-Acridinol	195	C13H9NO	007132-70-9	43
5	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	43





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

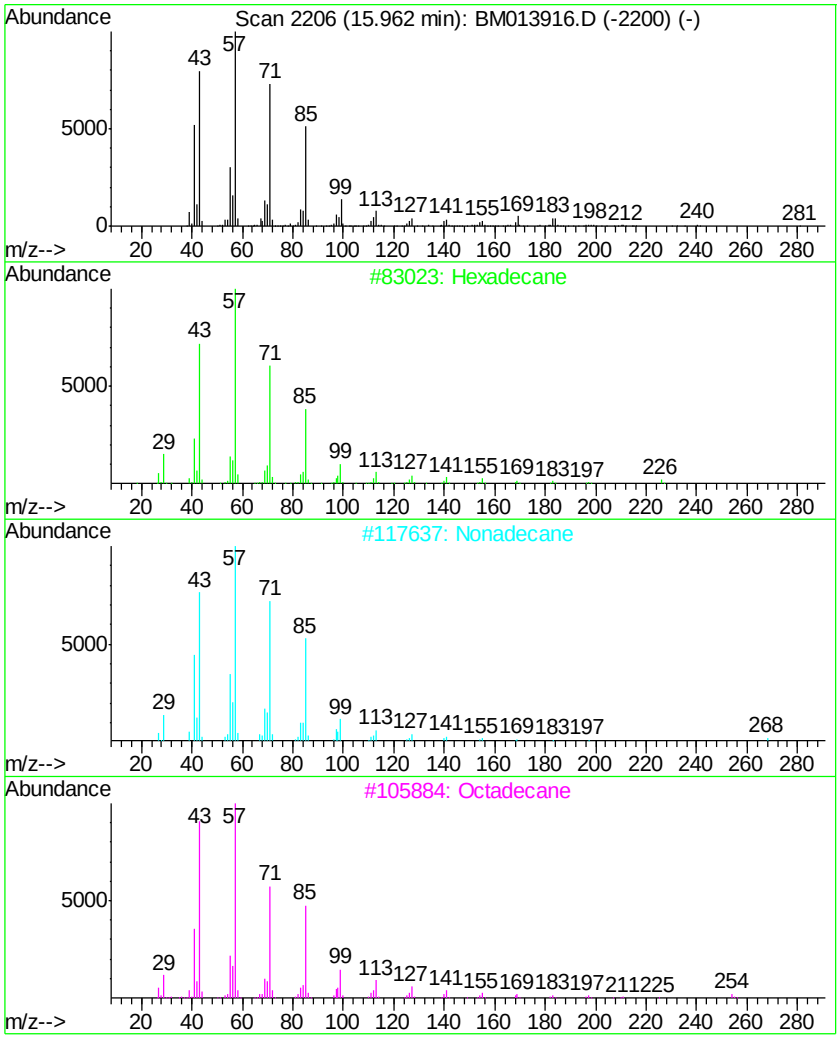
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

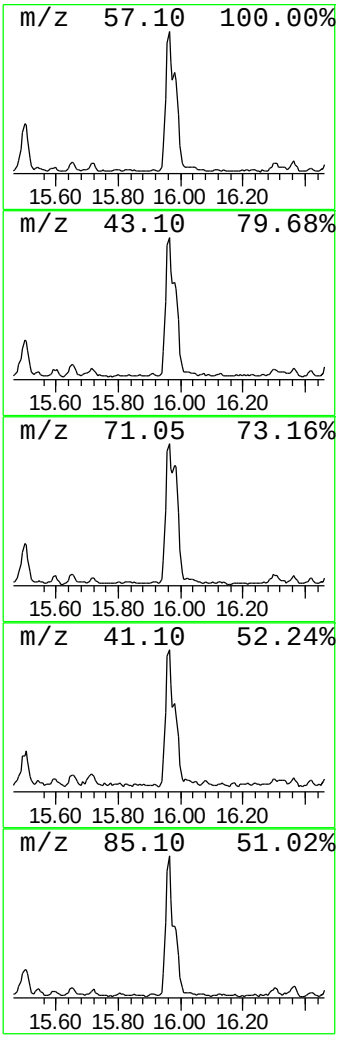
****

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	22.64 ng/ul	2067630	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Nonadecane	268	C19H40	000629-92-5	87
3	Octadecane	254	C18H38	000593-45-3	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Pentadecane	212	C15H32	000629-62-9	87





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

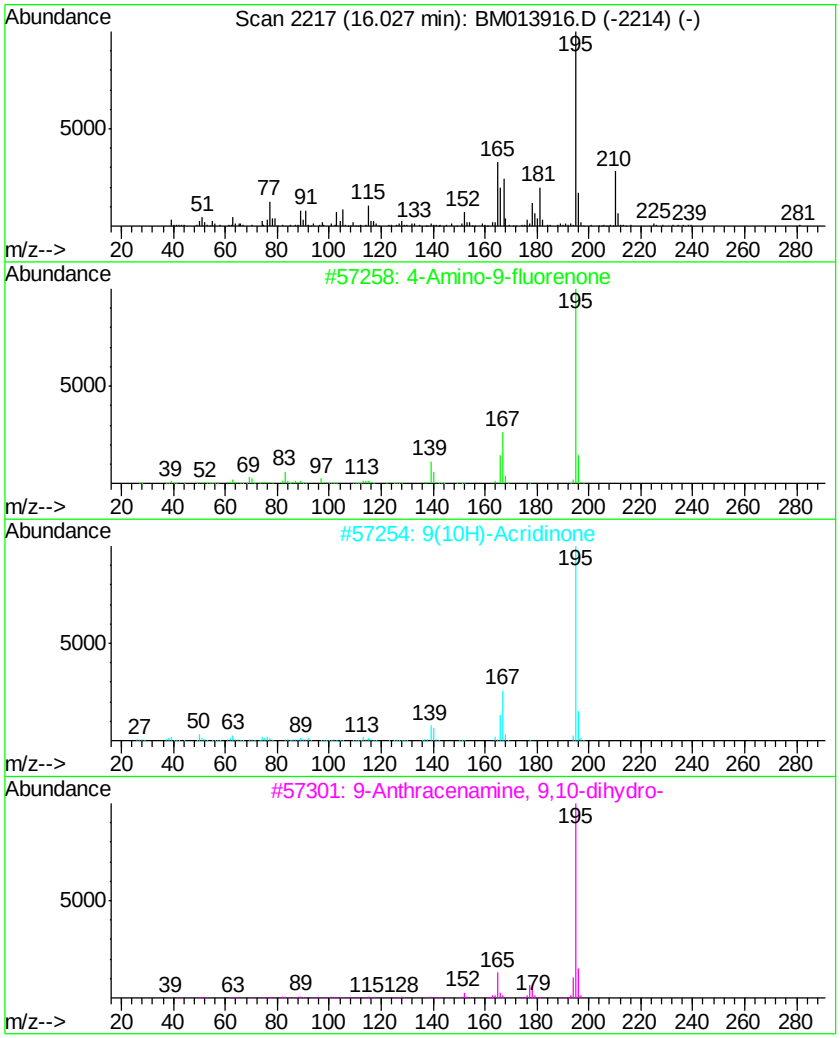
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

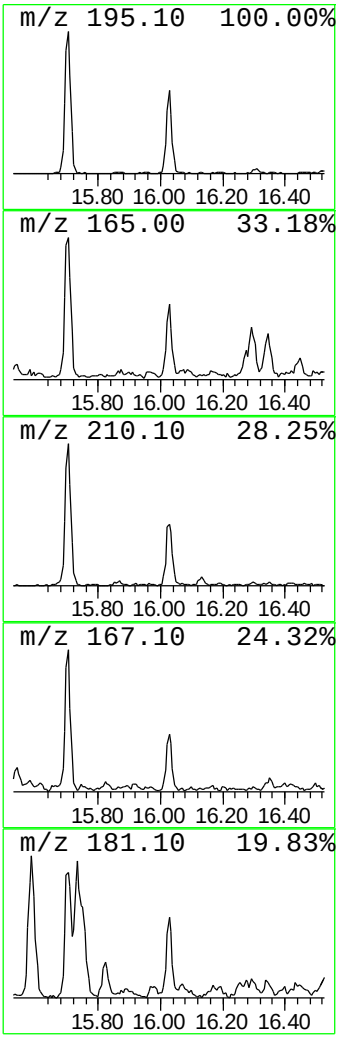
****

Peak Number 26 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	5.24 ng/ul	478952	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	49
2	9(10H)-Acridinone	195	C13H9NO	000578-95-0	49
3	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	49
4	Benzo[c]cinnolin-2-amine	195	C12H9N3	004827-07-0	47
5	2',3',4',5',6'-Pentafluoroacetop...	210	C8H3F5O	000652-29-9	47





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

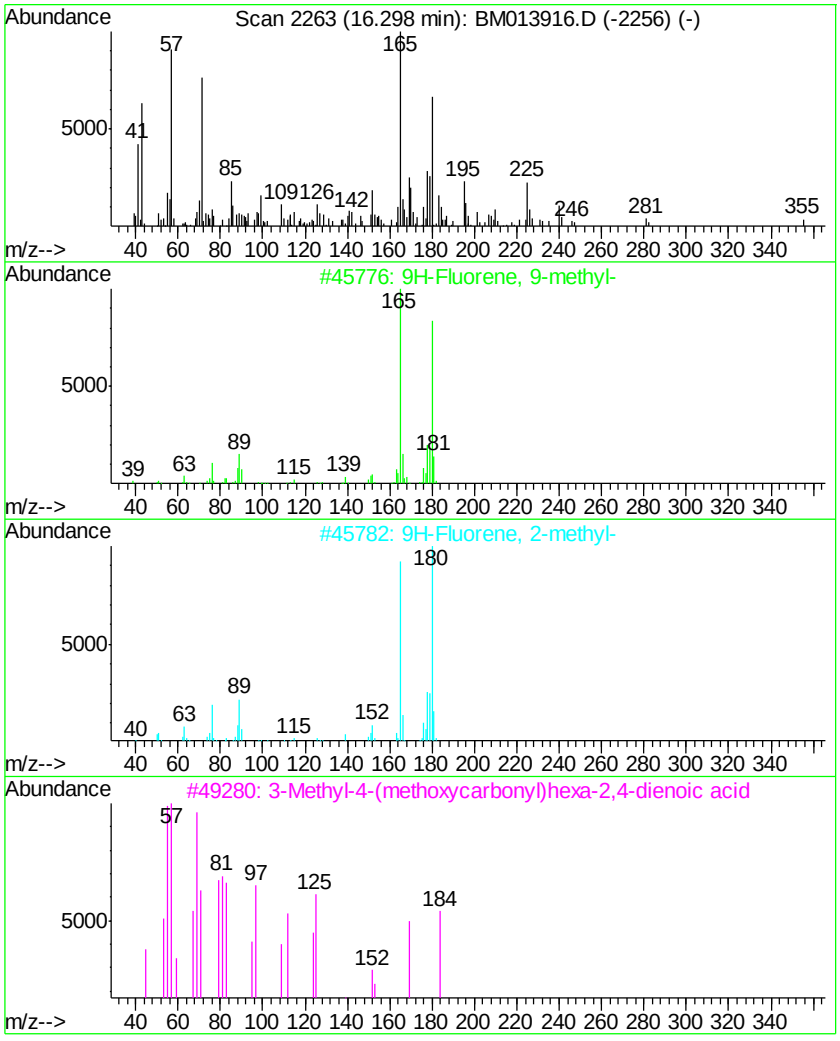
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

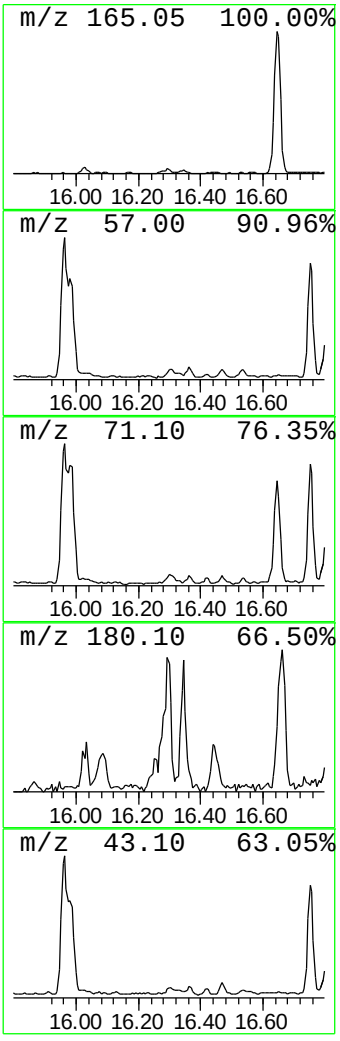
****

Peak Number 27 unknown-03 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	3.42 ng/ul	312729	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	42
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	38
3	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	35
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	30
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	30





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

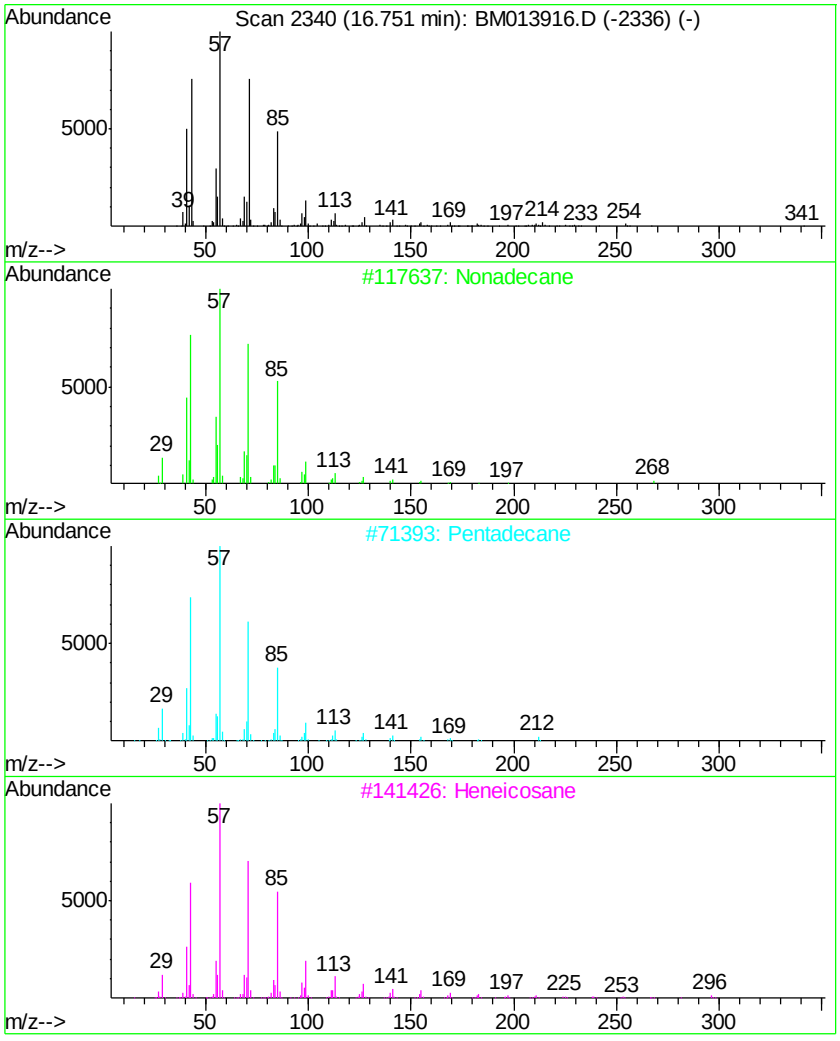
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

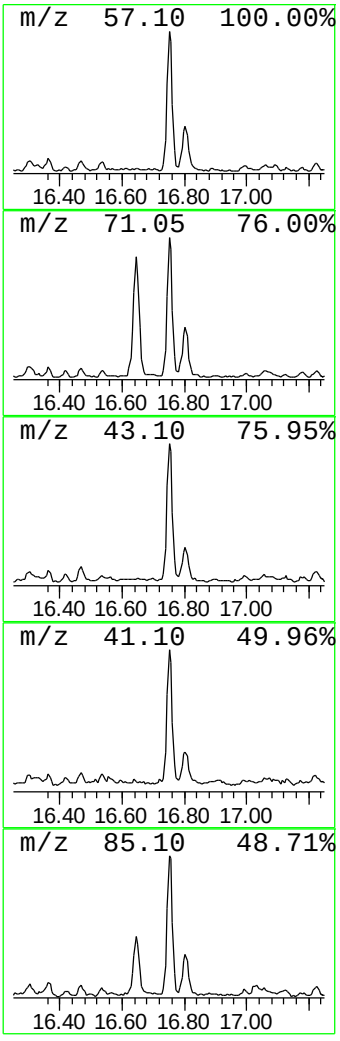
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	17.01 ng/ul	1553480	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90
5	Nonadecane	268	C19H40	000629-92-5	90





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

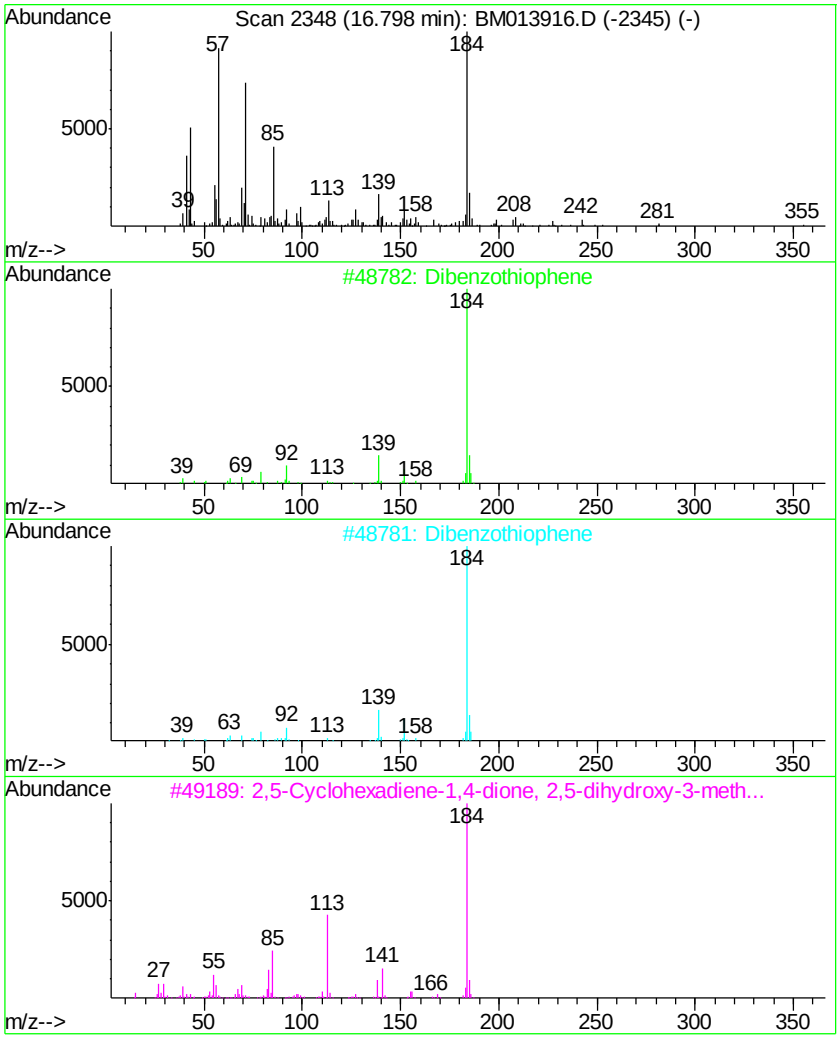
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

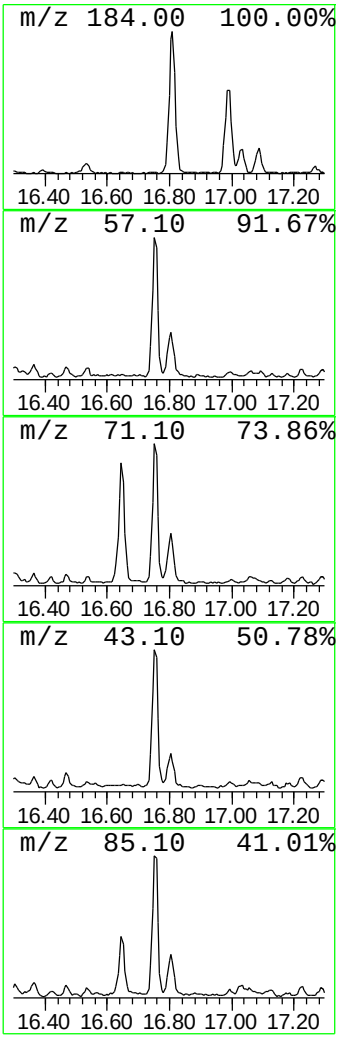
****

Peak Number 29 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	10.94 ng/ul	999481	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	60
2	Dibenzothiophene	184	C12H8S	000132-65-0	60
3	2,5-Cyclohexadiene-1,4-dione, 2,...	184	C8H8O5	000085-23-4	58
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	55
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	53





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

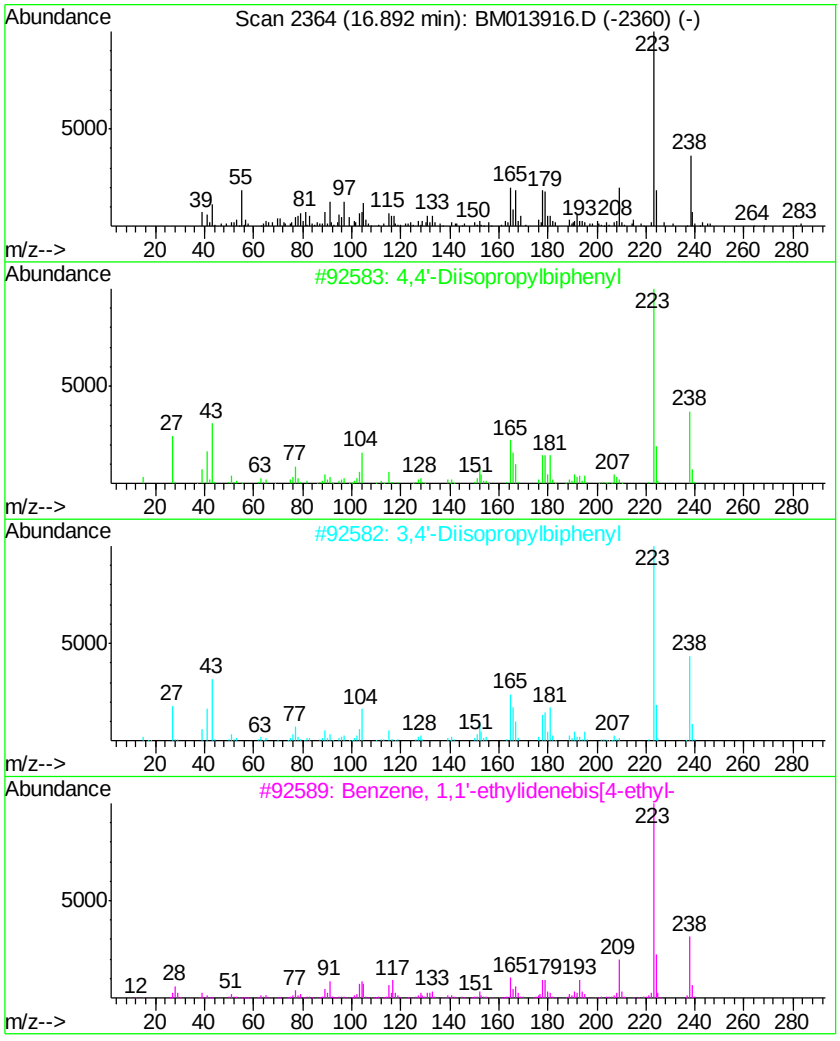
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

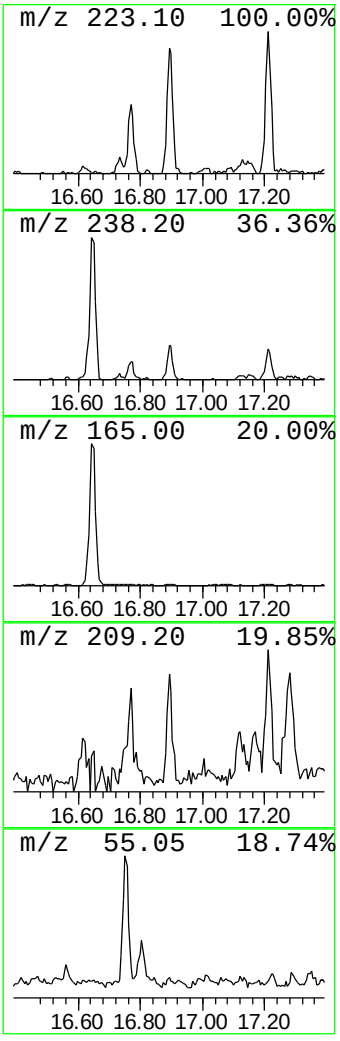
****

Peak Number 30 4,4'-Diisopropylbiphenyl Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	2.33 ng/ul	212823	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	87
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	72
3	Benzene, 1,1'-ethylidenebis[4-et...	238	C18H22	010224-91-6	59
4	Benzene, 1,1'-ethylidenebis[3,4-...	238	C18H22	001742-14-9	53
5	4-Isopropylxanthen-9-one	238	C16H14O2	1000210-33-1	53





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

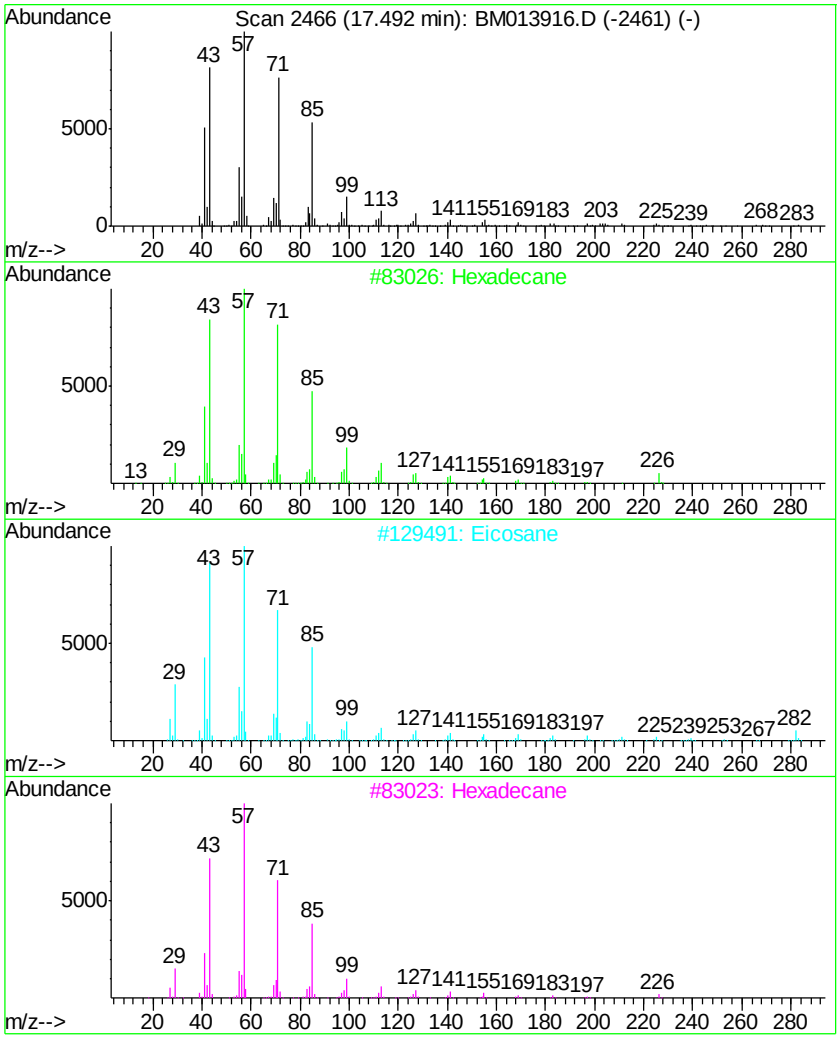
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

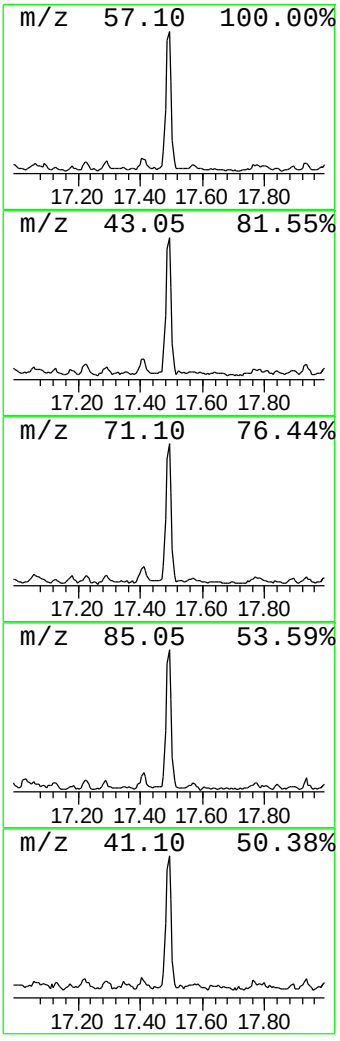
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	13.51 ng/ul	1233350	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Nonadecane	268	C19H40	000629-92-5	91





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

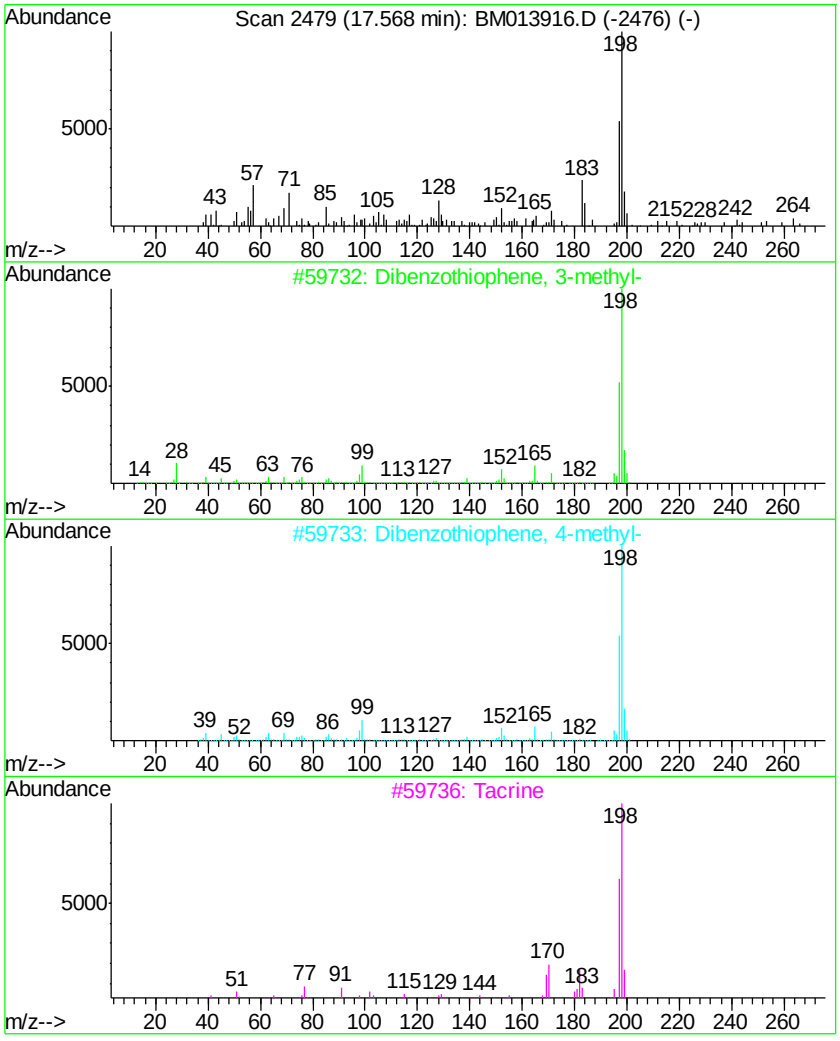
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

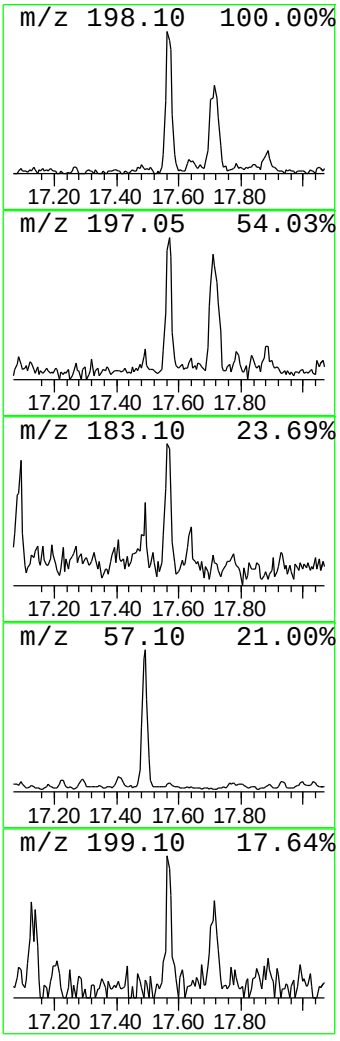
****

Peak Number 33 Dibenzothiophene, 3-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	2.59 ng/ul	236940	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	89
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	76
3	Tacrine	198	C13H14N2	000321-64-2	70
4	Tacrine	198	C13H14N2	000321-64-2	64
5	2,5-Dimethyl-4-(4-aminophenyl)py...	198	C13H14N2	071153-40-7	64





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

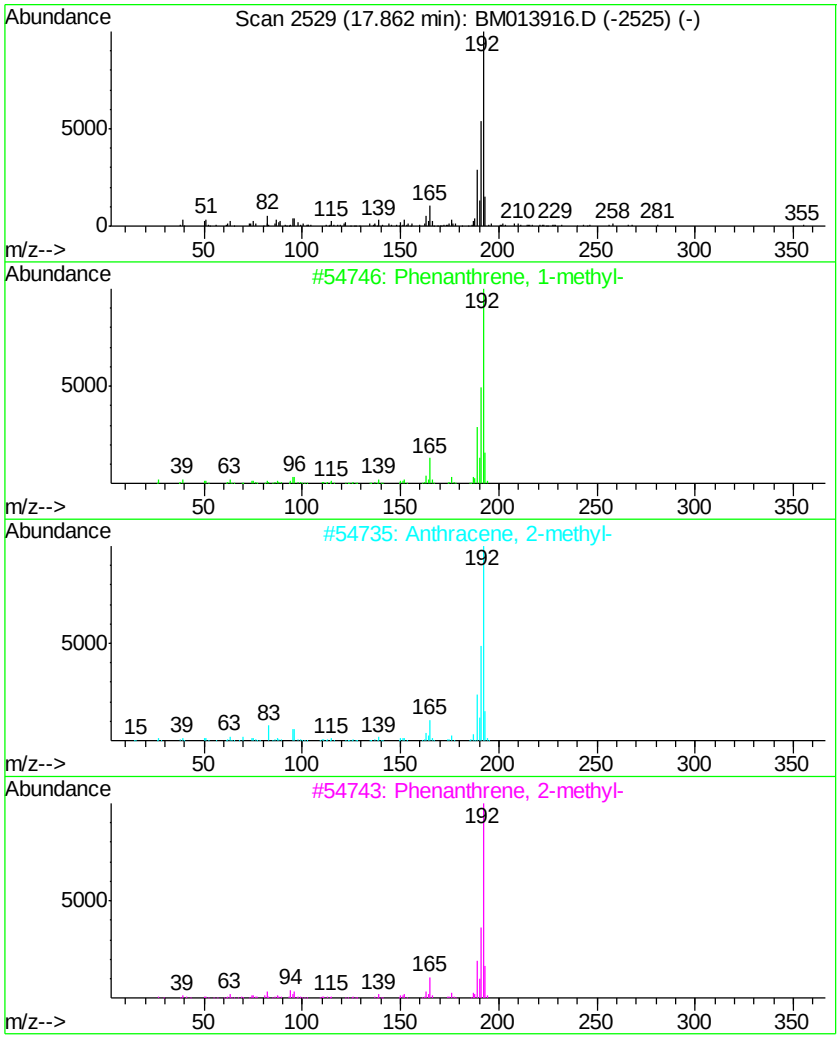
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

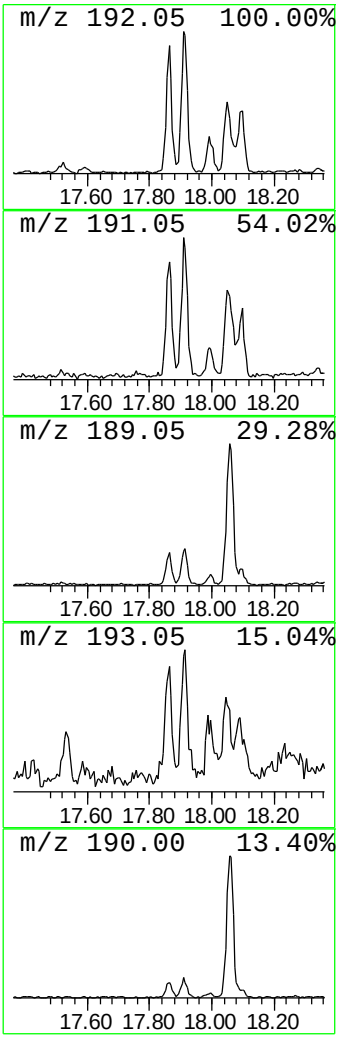
****

Peak Number 34 Phenanthrene, 1-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	3.03 ng/ul	276545	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	92
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

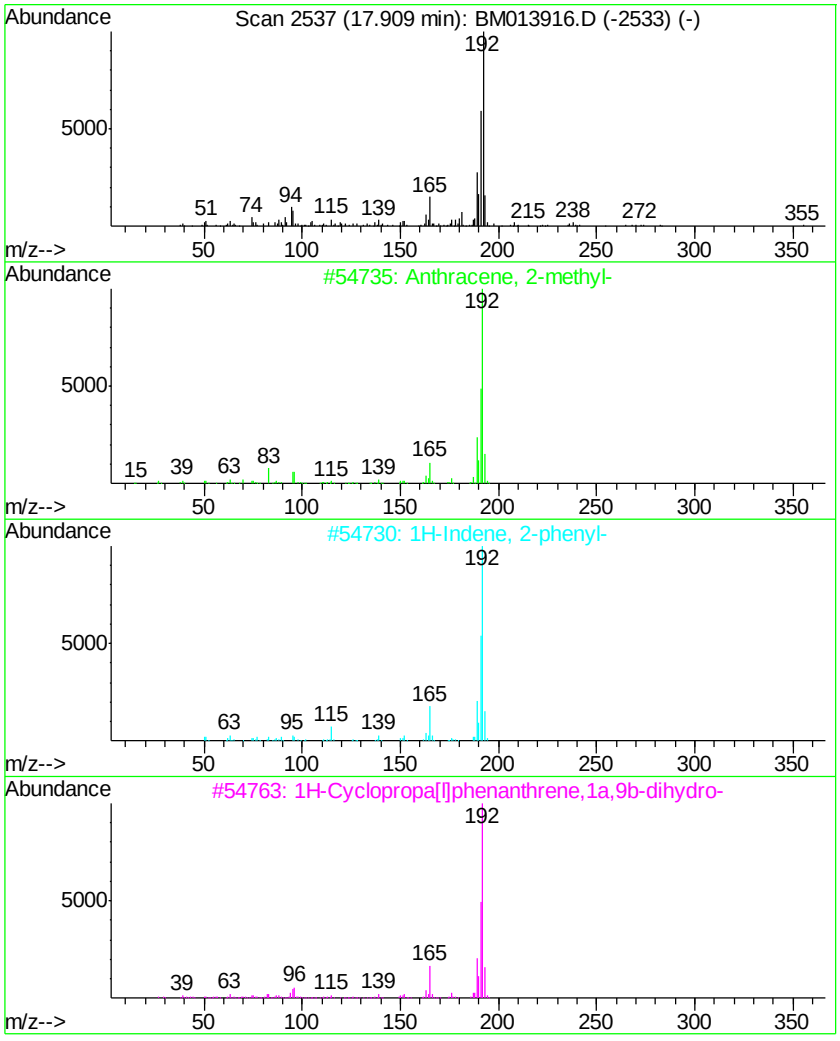
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

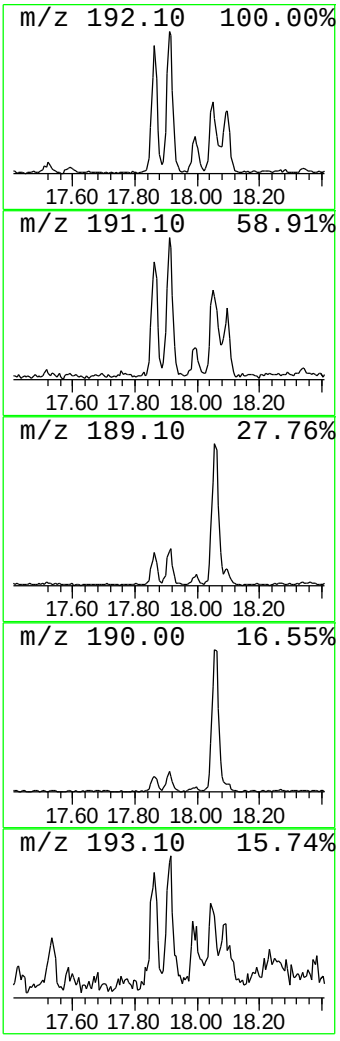
****

Peak Number 35 Anthracene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	4.81 ng/ul	439379	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

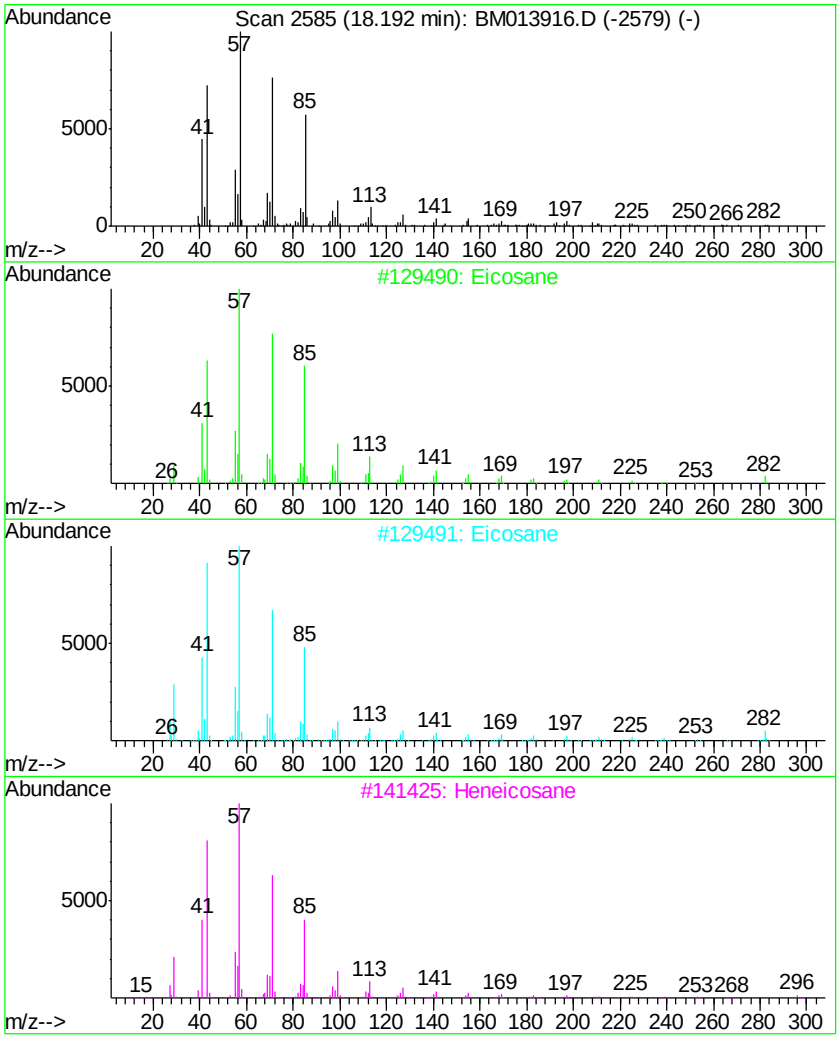
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

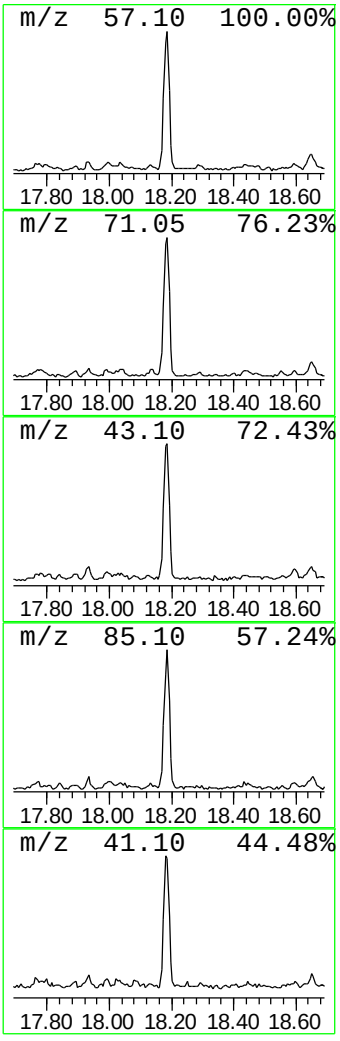
****

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	11.67 ng/ul	1065560	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Eicosane	282	C20H42	000112-95-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

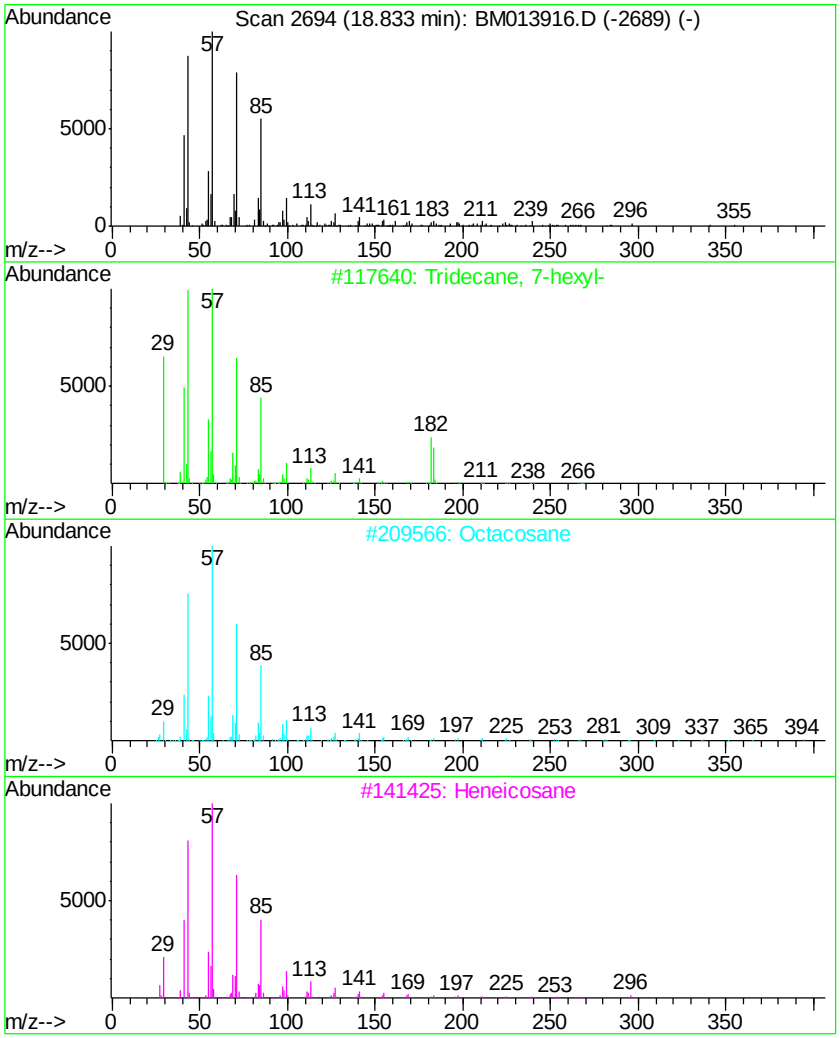
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

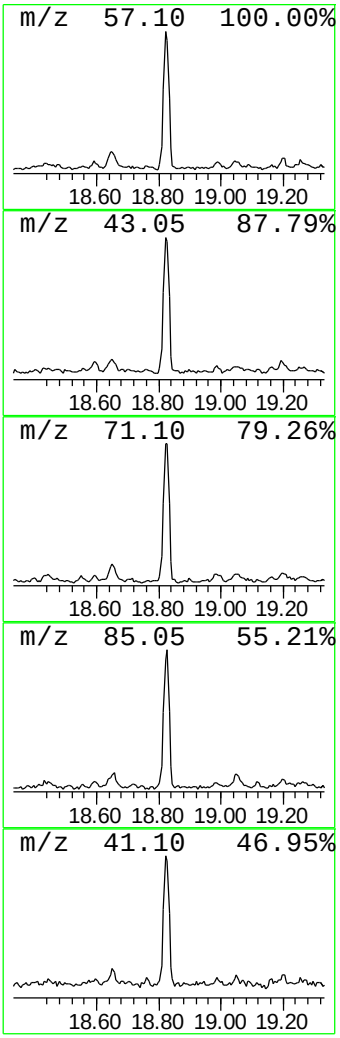
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	10.66 ng/ul	973544	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	95
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Heptadecane	240	C17H36	000629-78-7	91





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

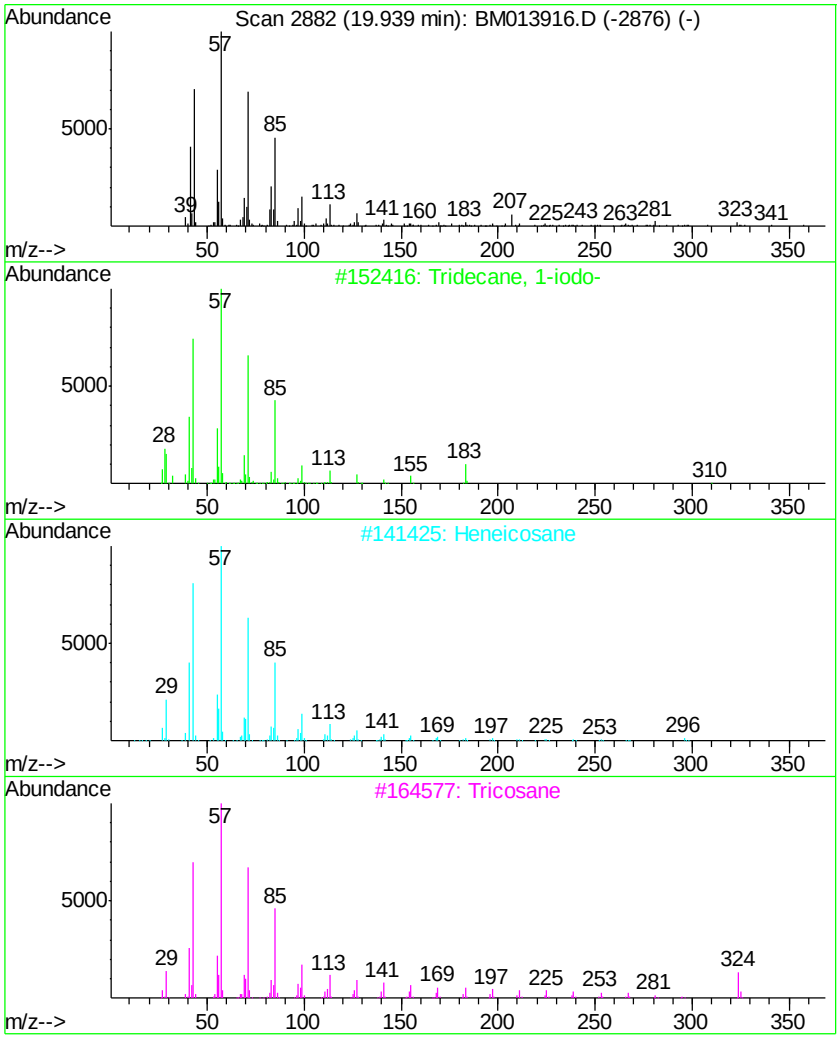
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

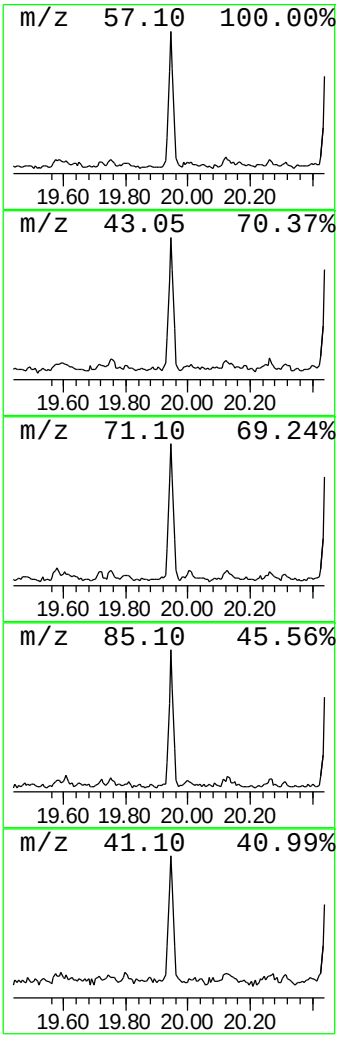
****

Peak Number 40 Tridecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	8.06 ng/ul	859973	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	95
2	Heneicosane	296	C21H44	000629-94-7	94
3	Tricosane	324	C23H48	000638-67-5	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	Docosane	310	C22H46	000629-97-0	87





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

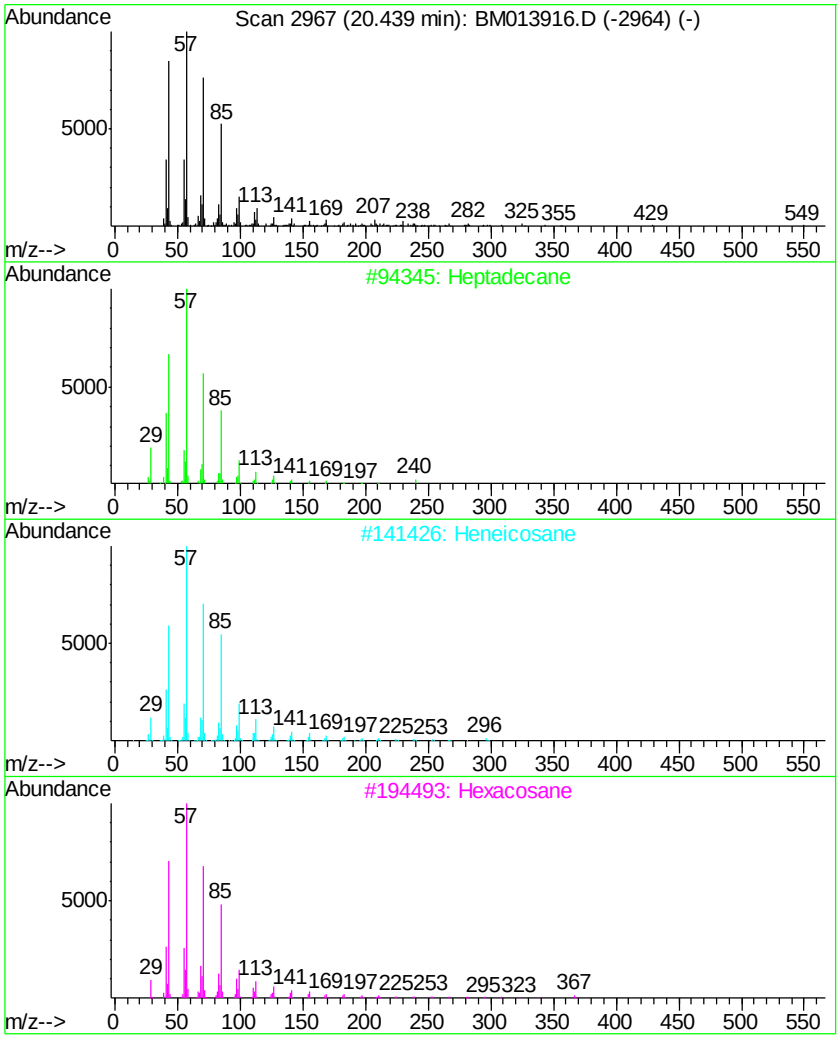
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

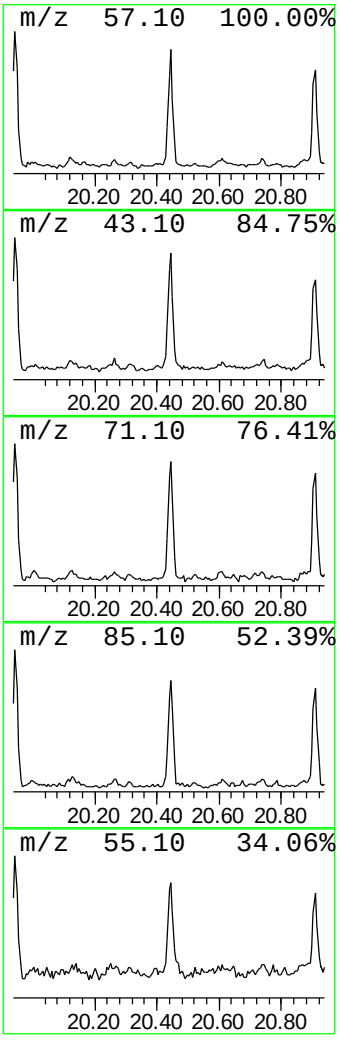
****

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	5.50 ng/ul	586436	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

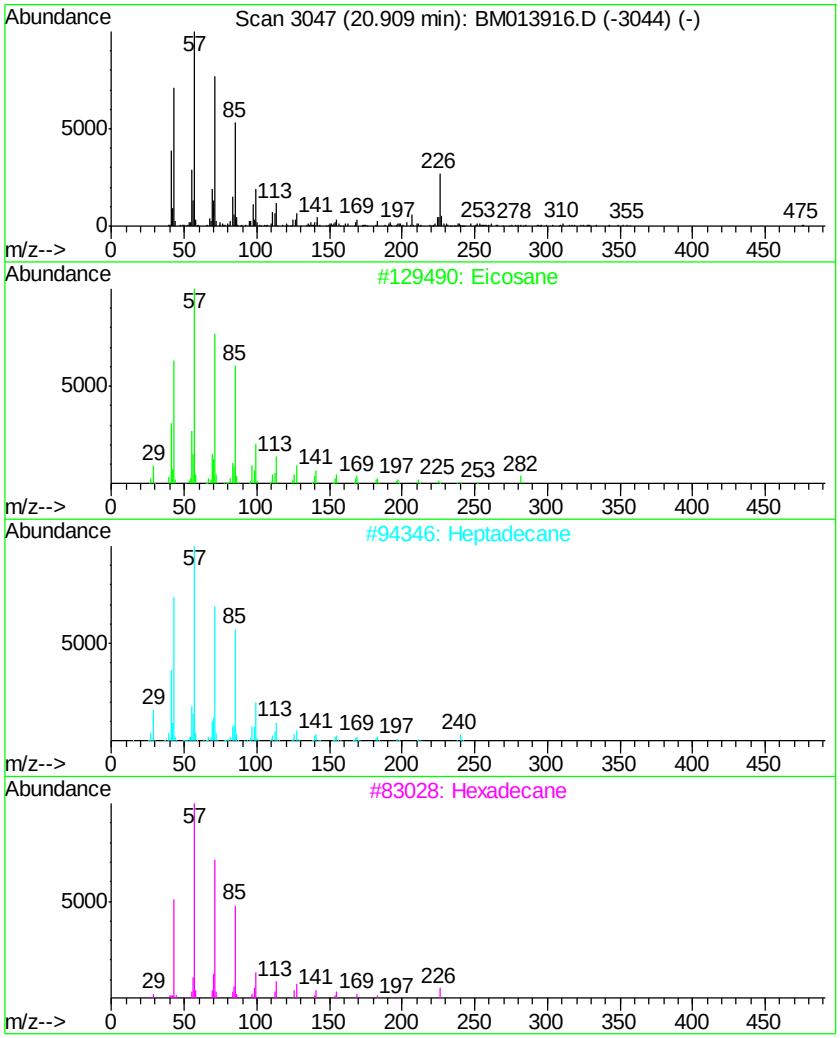
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

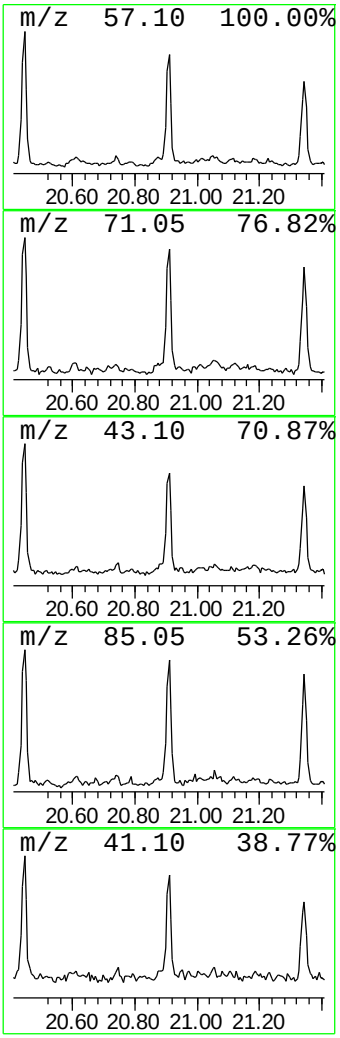
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	5.23 ng/ul	558309	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heptadecane	240	C17H36	000629-78-7	91
3	Hexadecane	226	C16H34	000544-76-3	87
4	Octacosane	394	C28H58	000630-02-4	83
5	Hexacosane	366	C26H54	000630-01-3	83





Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

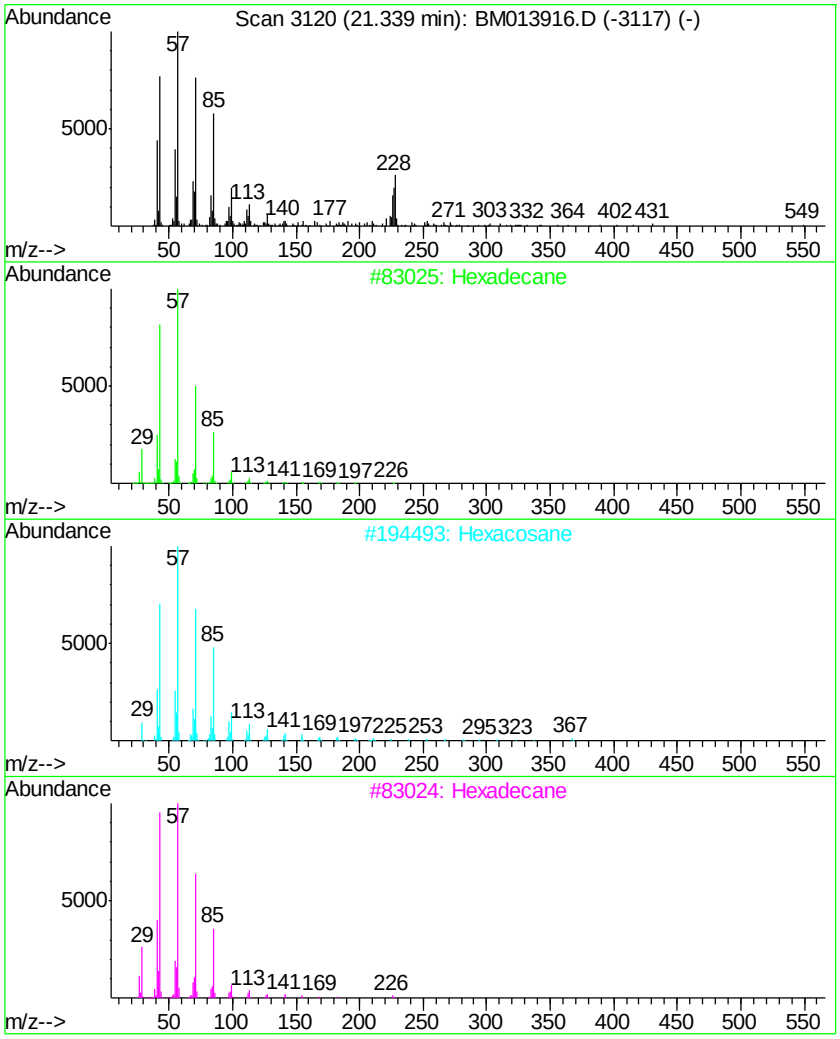
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

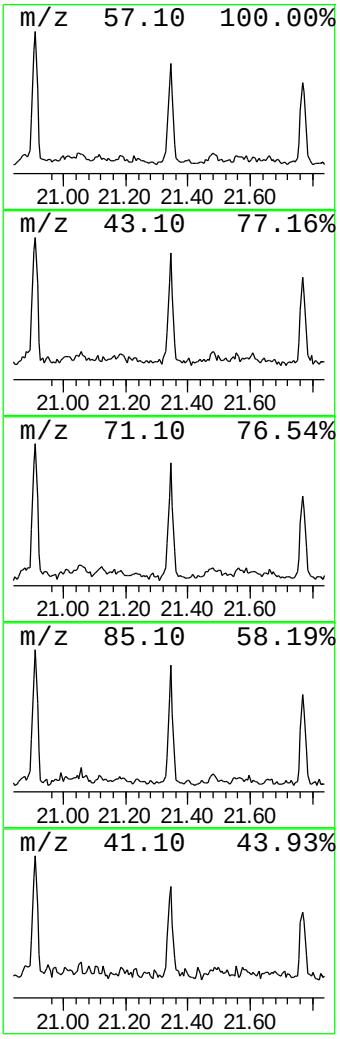
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	4.05 ng/ul	431697	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Hexacosane	366	C26H54	000630-01-3	76
3	Hexadecane	226	C16H34	000544-76-3	76
4	Pentacosane	352	C25H52	000629-99-2	72
5	Heneicosane	296	C21H44	000629-94-7	68





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

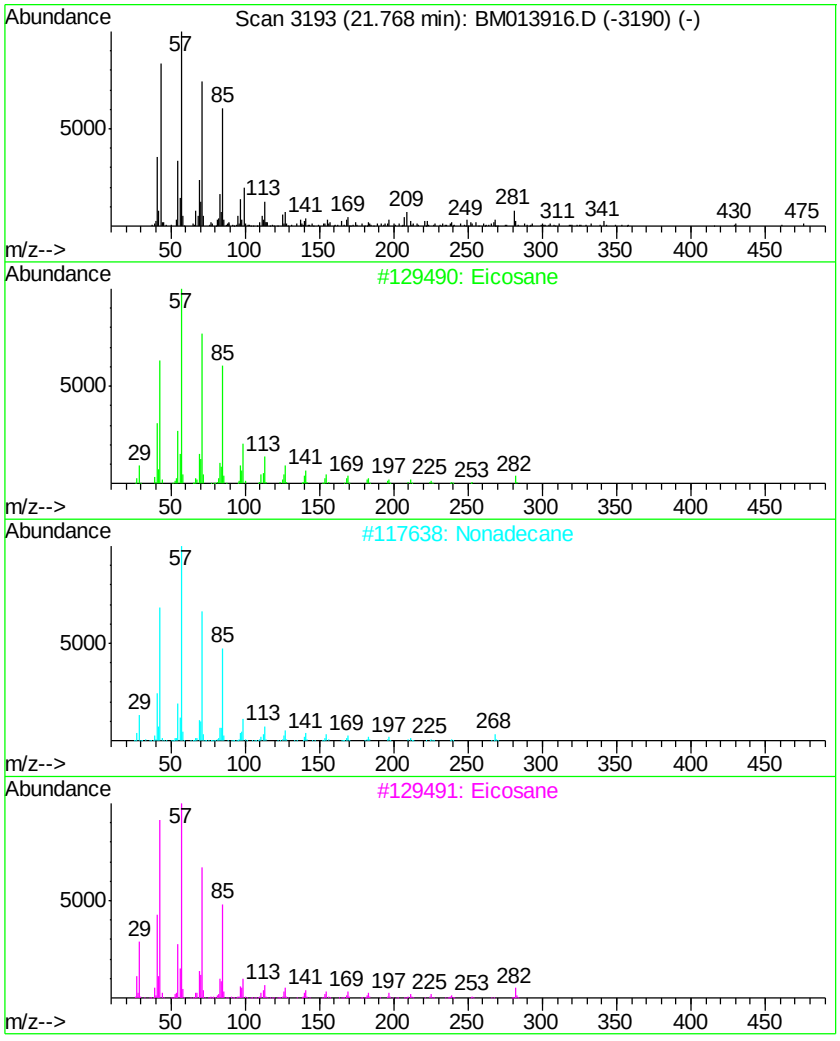
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

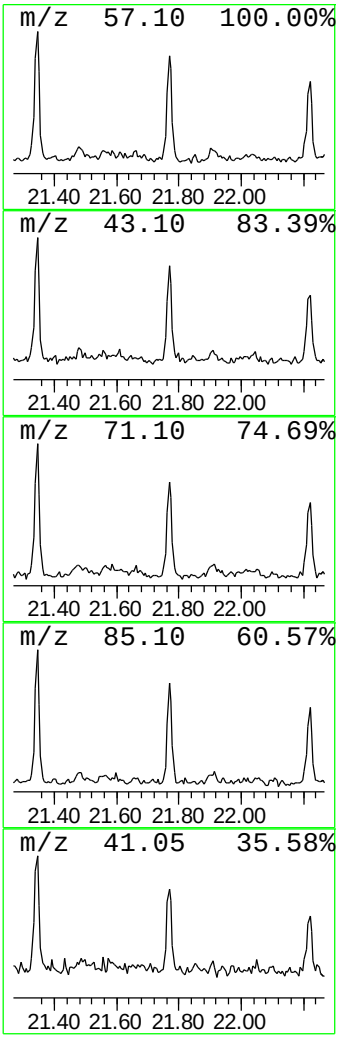
****

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	3.17 ng/ul	338754	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Nonadecane	268	C19H40	000629-92-5	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Pentacosane	352	C25H52	000629-99-2	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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

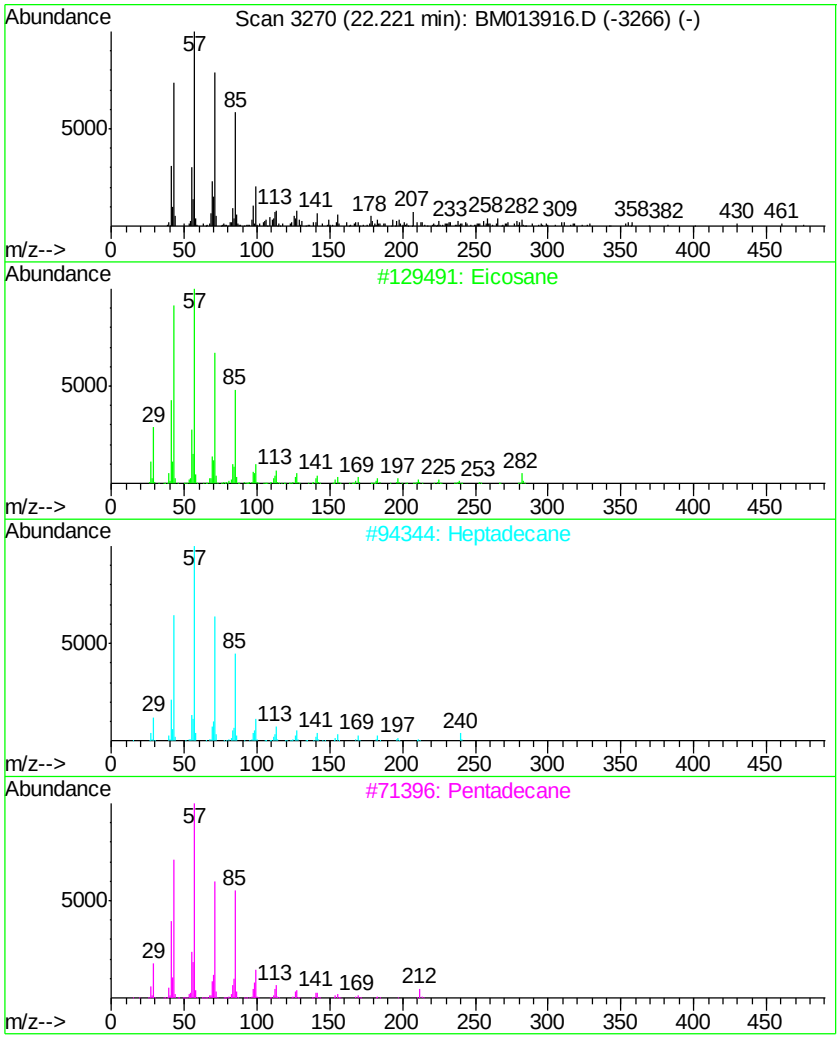
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

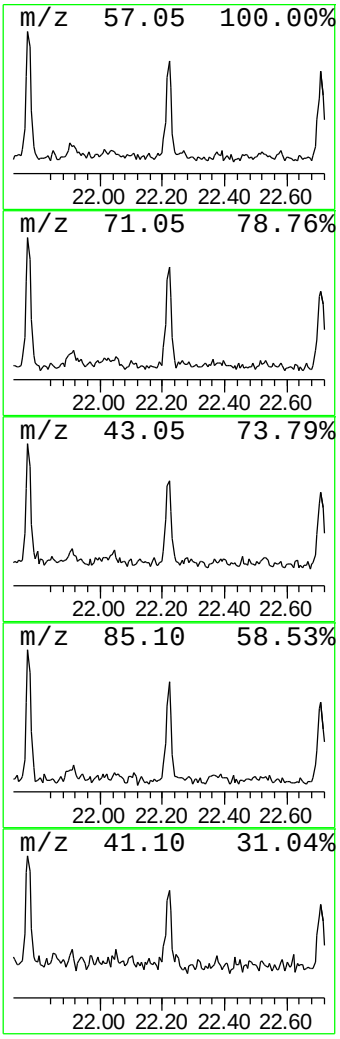
****

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	2.67 ng/ul	284434	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heptadecane	240	C17H36	000629-78-7	93
3	Pentadecane	212	C15H32	000629-62-9	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Heneicosane	296	C21H44	000629-94-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A79ME

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...	7.20	6.9	ng/ul	346907	1	7.58	1000960	20.0
Benzene, 4-ethyl-...	8.22	3.6	ng/ul	181355	1	7.58	1000960	20.0
(DEL) Alkane: Str...	8.79	14.6	ng/ul	729583	1	7.58	1000960	20.0
(DEL) Alkane: Str...	9.78	3.8	ng/ul	234152	2	10.35	1239290	20.0
unknown-01	11.19	3.7	ng/ul	231004	2	10.35	1239290	20.0
(DEL) Alkane: Str...	11.27	4.5	ng/ul	277180	2	10.35	1239290	20.0
(DEL) Alkane: Str...	11.37	8.6	ng/ul	531630	2	10.35	1239290	20.0
1H-Indene, 2,3-di...	11.46	4.6	ng/ul	284083	2	10.35	1239290	20.0
(DEL) Alkane: Str...	11.78	24.4	ng/ul	1512790	2	10.35	1239290	20.0
Naphthalene, 1-me...	12.25	11.2	ng/ul	696061	2	10.35	1239290	20.0
(DEL) Alkane: Str...	12.61	2.1	ng/ul	296411	3	14.23	2783130	20.0
(DEL) Alkane: Str...	12.76	3.6	ng/ul	500262	3	14.23	2783130	20.0
Naphthalene, 2,7-...	13.40	5.1	ng/ul	705308	3	14.23	2783130	20.0
(DEL) Alkane: Str...	13.72	5.3	ng/ul	736233	3	14.23	2783130	20.0
(DEL) Alkane: Str...	14.14	14.1	ng/ul	1958200	3	14.23	2783130	20.0
1,2,3,4,5,6,7,8-O...	14.37	3.8	ng/ul	525830	3	14.23	2783130	20.0
Sulfurous acid, 2...	14.76	3.0	ng/ul	413172	3	14.23	2783130	20.0
Naphthalene, 2,3,...	15.00	3.3	ng/ul	457813	3	14.23	2783130	20.0
(DEL) Alkane: Str...	15.10	11.8	ng/ul	1644530	3	14.23	2783130	20.0
(DEL) Alkane: Str...	15.50	4.4	ng/ul	609541	3	14.23	2783130	20.0
9H-Fluoren-9-ol	15.59	2.8	ng/ul	392536	3	14.23	2783130	20.0
(DEL) Alkane: Str...	15.65	2.3	ng/ul	209796	4	16.99	1826380	20.0
(4-Acetylphenyl)p...	15.70	15.0	ng/ul	1370420	4	16.99	1826380	20.0
(DEL) Alkane: Str...	15.96	22.6	ng/ul	2067630	4	16.99	1826380	20.0
unknown-02	16.03	5.2	ng/ul	478952	4	16.99	1826380	20.0
unknown-03	16.30	3.4	ng/ul	312729	4	16.99	1826380	20.0
(DEL) Alkane: Str...	16.75	17.0	ng/ul	1553480	4	16.99	1826380	20.0
Dibenzothiophene	16.80	10.9	ng/ul	999481	4	16.99	1826380	20.0
4,4'-Diisopropylb...	16.89	2.3	ng/ul	212823	4	16.99	1826380	20.0
(DEL) Alkane: Str...	17.49	13.5	ng/ul	1233350	4	16.99	1826380	20.0
Dibenzothiophene,...	17.57	2.6	ng/ul	236940	4	16.99	1826380	20.0
Phenanthrene, 1-m...	17.86	3.0	ng/ul	276545	4	16.99	1826380	20.0
Anthracene, 2-met...	17.91	4.8	ng/ul	439379	4	16.99	1826380	20.0
(DEL) Alkane: Str...	18.19	11.7	ng/ul	1065560	4	16.99	1826380	20.0
(DEL) Alkane: Str...	18.83	10.7	ng/ul	973544	4	16.99	1826380	20.0
Tridecane, 1-iodo-	19.94	8.1	ng/ul	859973	5	21.19	2134370	20.0
(DEL) Alkane: Str...	20.44	5.5	ng/ul	586436	5	21.19	2134370	20.0
(DEL) Alkane: Str...	20.91	5.2	ng/ul	558309	5	21.19	2134370	20.0
(DEL) Alkane: Str...	21.34	4.0	ng/ul	431697	5	21.19	2134370	20.0
(DEL) Alkane: Str...	21.77	3.2	ng/ul	338754	5	21.19	2134370	20.0
(DEL) Alkane: Str...	22.22	2.7	ng/ul	284434	5	21.19	2134370	20.0