LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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	6.263	552	557	565	rVB	99305	152498	2.84%	0.225%
2	7.122	697	703	709	rVB2	72436	132223	2.46%	0.195%
3	7.198	709	716	728	rBV2	94778	200756	3.73%	0.297%
4	7.581	771	781	790	rBV	486999	837941	15.58%	1.239%
5	8.104	865	870	875	rBV3	70608	127646	2.37%	0.189%
6	8.222	883	890	898	rBV3	50144	108461	2.02%	0.160%
7	8.304	899	904	913	rBV5	59865	160233	2.98%	0.237%
8	8.745	972	979	982	rVV2	80169	155523	2.89%	0.230%
9	8.787	982	986	996	rVB	342428	525062	9.76%	0.776%
10	9.457	1096	1100	1109	rVV7	65394	181225	3.37%	0.268%
11	9.775	1146	1154	1161	rVV5	91410	190267	3.54%	0.281%
12	9.998	1185	1192	1196	rBV6	81227	173597	3.23%	0.257%
13	10.328	1241	1248	1250	rBV	782871	1261662	23.46%	1.865%
14	10.398	1256	1260	1268	rVB	891600	1482232	27.56%	2.191%
15	10.510	1274	1279	1286	rVB3	199273	349426	6.50%	0.517%
16	10.728	1311	1316	1322	rBV4	67325	116929	2.17%	0.173%
17	11.045	1359	1370	1373	rBV7	64165	146086	2.72%	0.216%
18	11.110	1378	1381	1388	rVB3	54362	97097	1.81%	0.144%
19	11.181	1388	1393	1399	rBV4	66011	121474	2.26%	0.180%
20	11.263	1402	1407	1413	rVB2	137995	223037	4.15%	0.330%
21	11.369	1420	1425	1430	rBV	281279	452373	8.41%	0.669%
22	11.781	1487	1495	1501	rBV	1162637	1719018	31.96%	2.541%
23	12.022	1528	1536	1543	rVB	893275	1499191	27.87%	2.216%
24	12.245	1565	1574	1583	rVV	448619	769157	14.30%	1.137%
25	12.428	1599	1605	1609	rBV2	69840	136524	2.54%	0.202%
26	12.486	1609	1615	1620	rVV3	89996	229608	4.27%	0.339%
27	12.539	1620	1624	1628	rVV2	71456	117737	2.19%	0.174%
28	12.610	1631	1636	1644	rVV2	198526	321579	5.98%	0.475%
29	12.698	1647	1651	1655	rVV2	126555	181244	3.37%	0.268%
30	12.751	1656	1660	1665	rVV	289837	417985	7.77%	0.618%
31	13.051	1705	1711	1718	rVV2	1831383	2568328	47.75%	3.797%
32	13.251	1741	1745	1749	rBV	104524	158213	2.94%	0.234%
33	13.386	1762	1768	1770	rBV4	110141	185095	3.44%	0.274%
34	13.545	1790	1795	1799	rBV	194756	357388	6.64%	0.528%

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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	13.604	1801	1805	1807	rVV2	127834	221044	4.11%	0.327%
36	13.645	1807	1812	1817	rVB2	182656	389665	7.24%	0.576%
37	13.710	1817	1823	1828	rVB3	477072	713569	13.27%	1.055%
38	13.757	1828	1831	1834	rBV	175282	205705	3.82%	0.304%
39	13.833	1840	1844	1847	rBV4	98424	113701	2.11%	0.168%
40	13.922	1854	1859	1863	rBV	222536	336085	6.25%	0.497%
41	14.051	1877	1881	1889	rVB5	89705	161447	3.00%	0.239%
42	14.139	1890	1896	1900	rBV	1757766	2254490	41.92%	3.333%
43	14.227	1900	1911	1917	rBV3	1064911	2047662	38.07%	3.027%
44	14.292	1917	1922	1931	rVB	1631758	2402941	44.68%	3.552%
45	14.545	1956	1965	1969	rBV5	86659	230975	4.29%	0.341%
46	14.580	1969	1971	1975	rVV5	85586	161852	3.01%	0.239%
47	14.633	1975	1980	1986	rVV	1111554	1628978	30.29%	2.408%
48	14.698	1988	1991	1997	rVV6	68406	124255	2.31%	0.184%
49	14.757	1997	2001	2009	rVB2	307201	451994	8.40%	0.668%
50	14.827	2009	2013	2016	rBV2	95527	120870	2.25%	0.179%
51	15.010	2040	2044	2051	rBV7	54021	110076	2.05%	0.163%
52	15.092	2051	2058	2064	rVB	1624145	2096843	38.99%	3.100%
53	15.233	2077	2082	2086	rVB	290902	441604	8.21%	0.653%
54	15.286	2086	2091	2097	rBV	1171947	1689723	31.42%	2.498%
55	15.410	2104	2112	2115	rBV7	72274	170176	3.16%	0.252%
56	15.451	2115	2119	2122	rVV2	123584	170154	3.16%	0.252%
57	15.498	2122	2127	2132	rVV	420867	667545	12.41%	0.987%
58	15.539	2132	2134	2137	rVB3	90696	97941	1.82%	0.145%
59	15.586	2138	2142	2149	rVB2	208800	365895	6.80%	0.541%
60	15.651	2149	2153	2158	rBV2	142810	206556	3.84%	0.305%
61	15.727	2158	2166	2174	rBV5	182765	554876	10.32%	0.820%
62	15.963	2200	2206	2214	rBV	1619716	3150194	58.57%	4.657%
63	16.021	2214	2216	2221	rVV4	79969	120354	2.24%	0.178%
64	16.080	2222	2226	2233	rVB5	81475	135965	2.53%	0.201%
65	16.298	2259	2263	2267	rBV5	120043	168863	3.14%	0.250%
66	16.533	2298	2303	2305	rVV4	86890	125171	2.33%	0.185%
67	16.563	2305	2308	2311	rVB3	88450	103214	1.92%	0.153%
68	16.645	2317	2322	2330	rVB2	534738	783363	14.56%	1.158%
69	16.751	2335	2340	2345	rVV	1228749	1575313	29.29%	2.329%
70	16.804	2345	2349	2356	rVB	500989	737507	13.71%	1.090%
71	16.986	2374	2380	2383	rBV	1468218	2043480	37.99%	3.021%

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

72	17.027	2383	2387	2393	rVV	3858133	5378452	100.00%	7.951%
73	17.086	2393	2397	2400	rVV2	362667	610688	11.35%	0.903%
74	17.121	2400	2403	2408	rVV	493356	666227	12.39%	0.985%
75	17.221	2417	2420	2426	rVB3	89963	126742	2.36%	0.187%
76	17.292	2426	2432	2436	rBV4	73851	120498	2.24%	0.178%
77	17.404	2446	2451	2458	rBV2	164103	281250	5.23%	0.416%
78	17.492	2461	2466	2476	rVB	1009431	1267123	23.56%	1.873%
79	17.862	2525	2529	2533	rBV2	172586	232619	4.33%	0.344%
80	17.910	2533	2537	2545	rVB	224888	409308	7.61%	0.605%
81	17.992	2547	2551	2555	rBV2	92143	142440	2.65%	0.211%
82	18.057	2557	2562	2566	rBV2	355139	519997	9.67%	0.769%
83	18.186	2579	2584	2588	rBV	766335	916394	17.04%	1.355%
84	18.368	2611	2615	2622	rBV	142847	204334	3.80%	0.302%
85	18.827	2688	2693	2697	rBV	581549	656759	12.21%	0.971%
86	19.051	2726	2731	2740	rVB	1981516	2773994	51.58%	4.101%
87	19.415	2783	2793	2799	rBV3	1615045	3289351	61.16%	4.862%
88	19.609	2818	2826	2830	rBV	106686	202666	3.77%	0.300%
89	19.751	2846	2850	2857	rVB5	63158	126210	2.35%	0.187%
90	19.945	2880	2883	2888	rVB	415664	467363	8.69%	0.691%
91	20.021	2892	2896	2901	rVB	154054	201049	3.74%	0.297%
92	20.445	2964	2968	2975	rBV	313135	355579	6.61%	0.526%
93	20.874	3038	3041	3044	rVV3	84949	120180	2.23%	0.178%
94	20.909	3044	3047	3054	rVB2	277762	339472	6.31%	0.502%
95	21.186	3088	3094	3099	rBV	1687808	2372708	44.12%	3.507%
96	21.345	3117	3121	3125	rVB	206451	230723	4.29%	0.341%
97	21.768	3190	3193	3203	rVB4	127144	184048	3.42%	0.272%
98	22.221	3267	3270	3275	rVB5	104401	125367	2.33%	0.185%
99	23.239	3439	3443	3455	rVB4	252918	671508	12.49%	0.993%
100	23.374	3460	3466	3474	rVB	895645	1718189	31.95%	2.540%

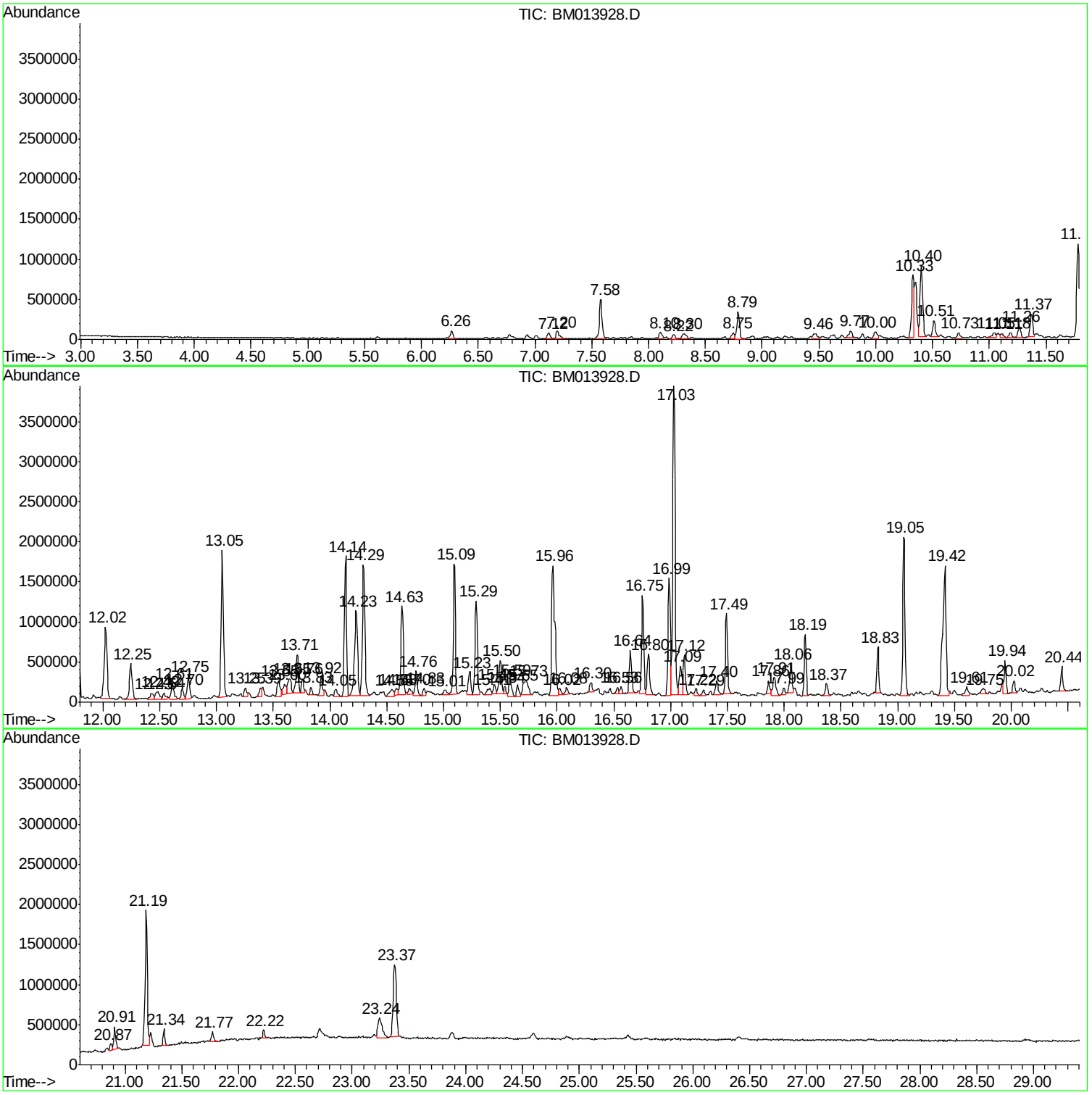
Sum of corrected areas: 67648099

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A76MEDL

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

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



Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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

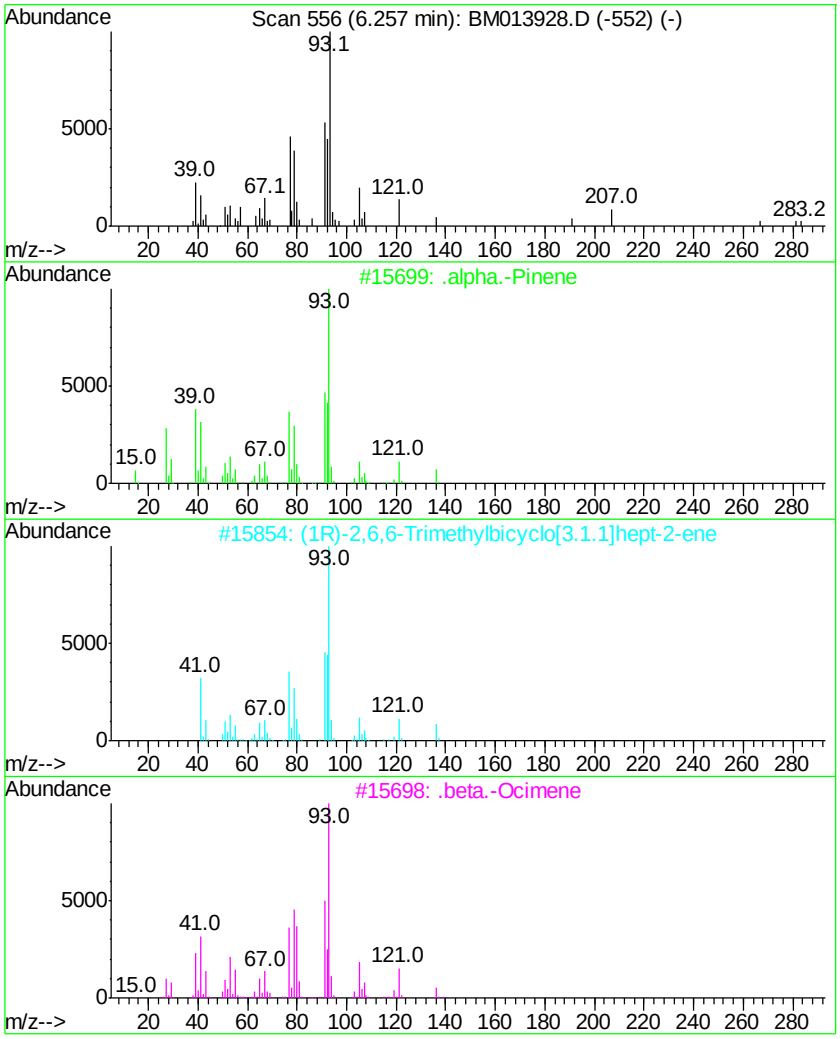
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

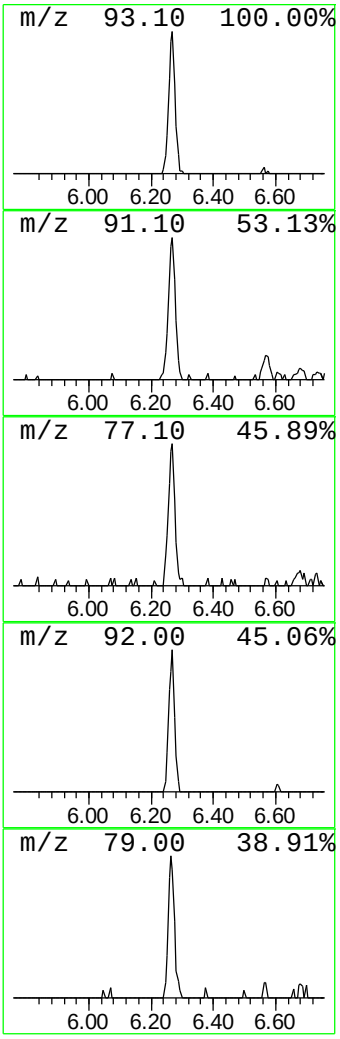
****

Peak Number 1 .alpha.-Pinene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	3.64 ng/ul	152498	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	94
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	93
3	.beta.-Ocimene	136	C10H16	013877-91-3	89
4	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	87
5	.gamma.-Terpinene	136	C10H16	000099-85-4	87





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

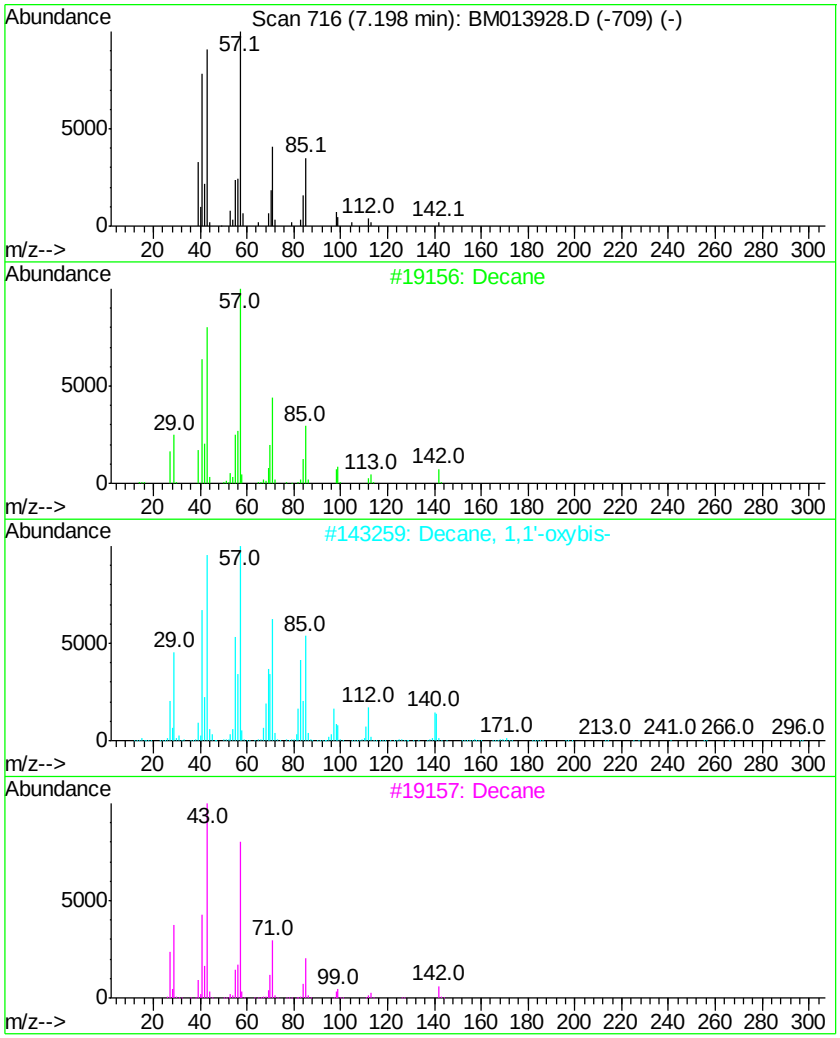
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

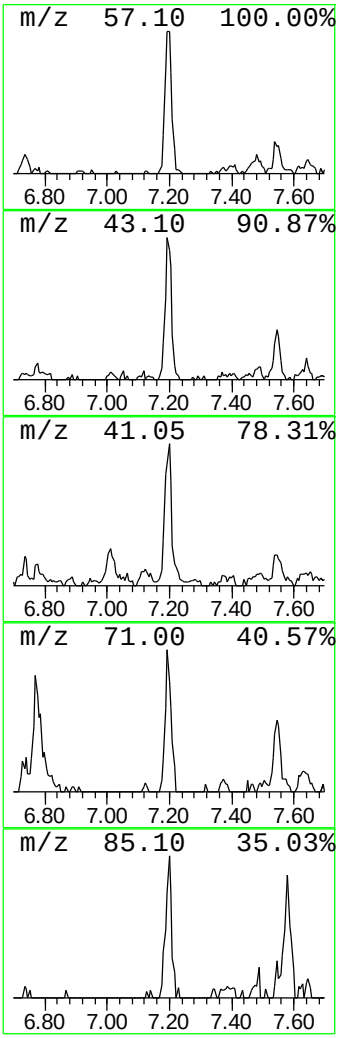
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	4.79 ng/ul	200756	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	78
2	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	78
3	Decane	142	C10H22	000124-18-5	72
4	Octane, 2-methyl-	128	C9H20	003221-61-2	64
5	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	59





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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

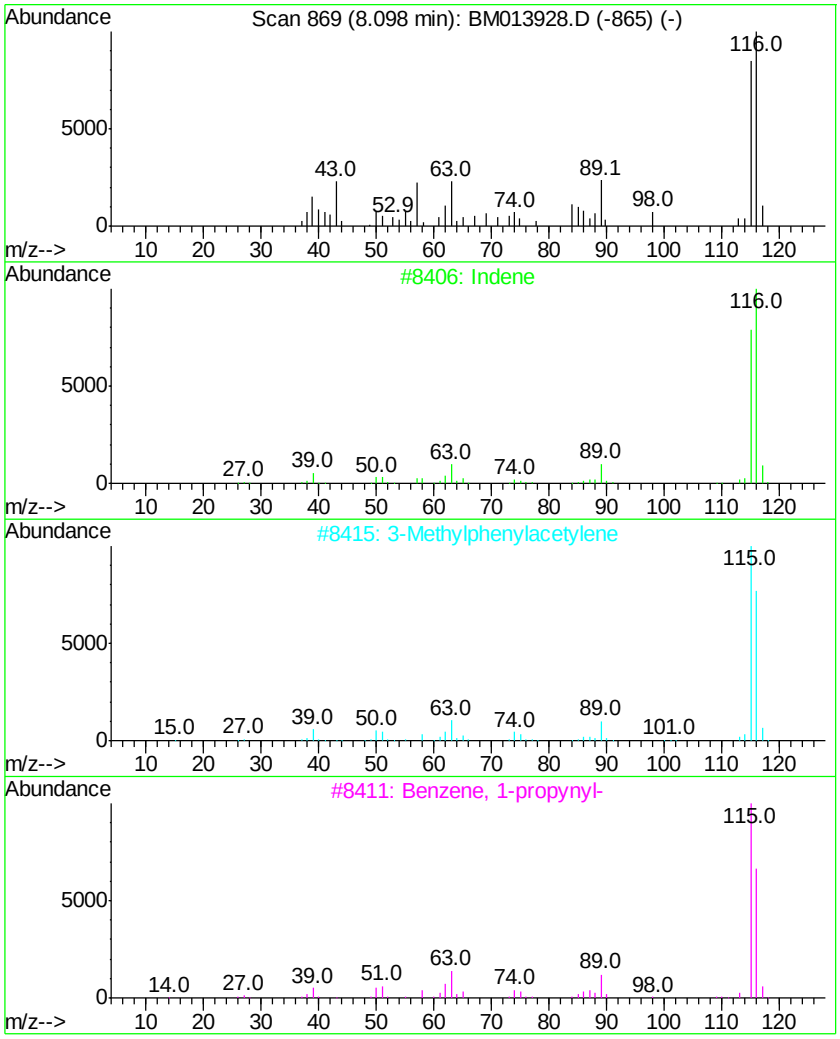
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

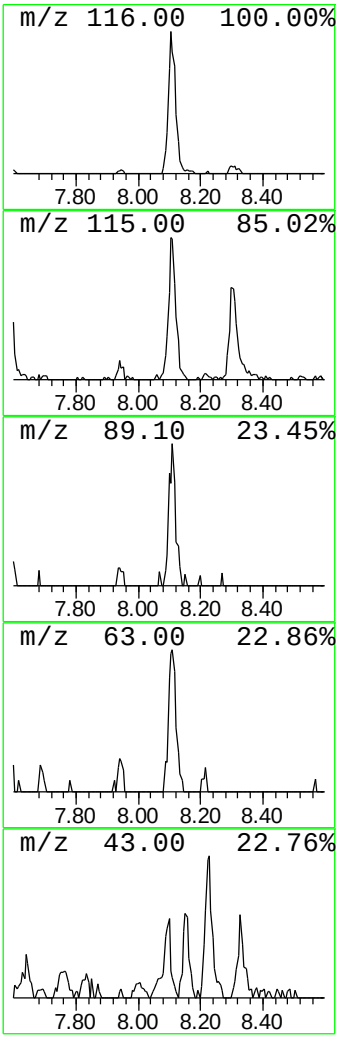
****

Peak Number 3 Indene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	3.05 ng/ul	127646	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	93
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

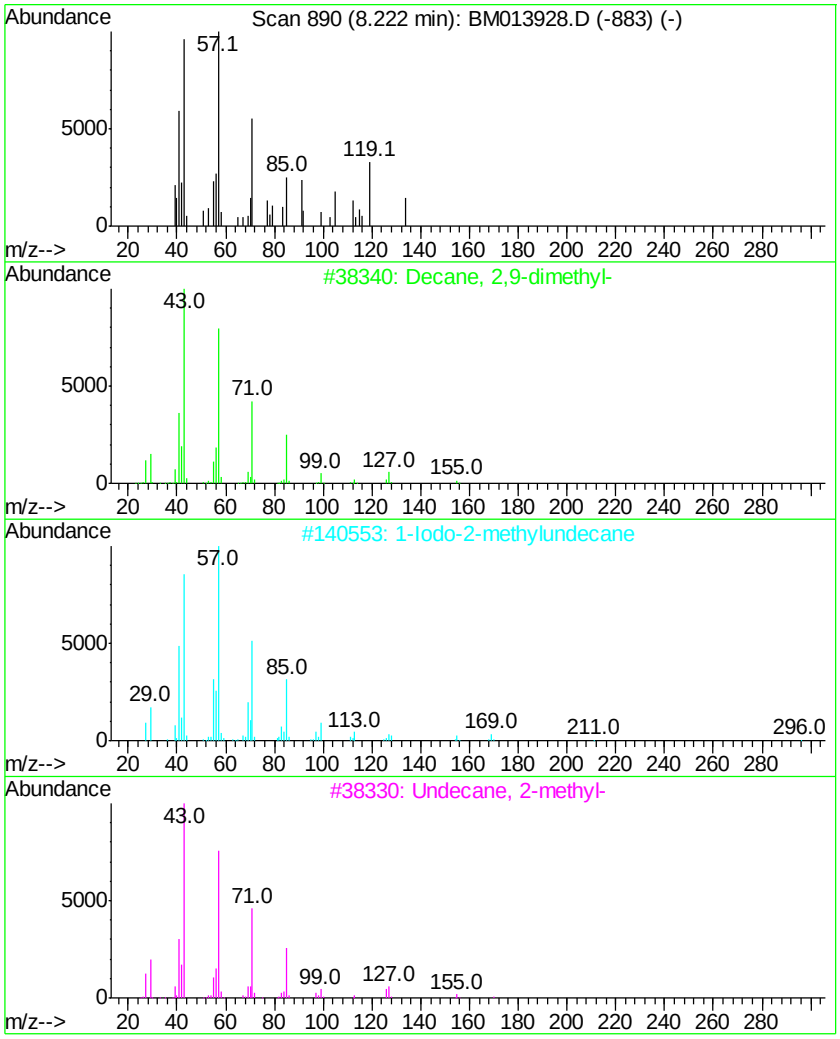
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

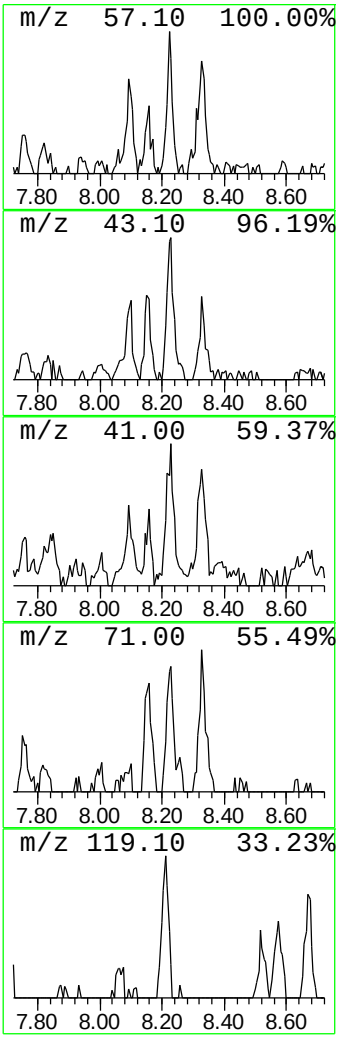
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	2.59 ng/ul	108461	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	50
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	50
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	50
4	Decane	142	C10H22	000124-18-5	47
5	Hexadecane	226	C16H34	000544-76-3	47





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

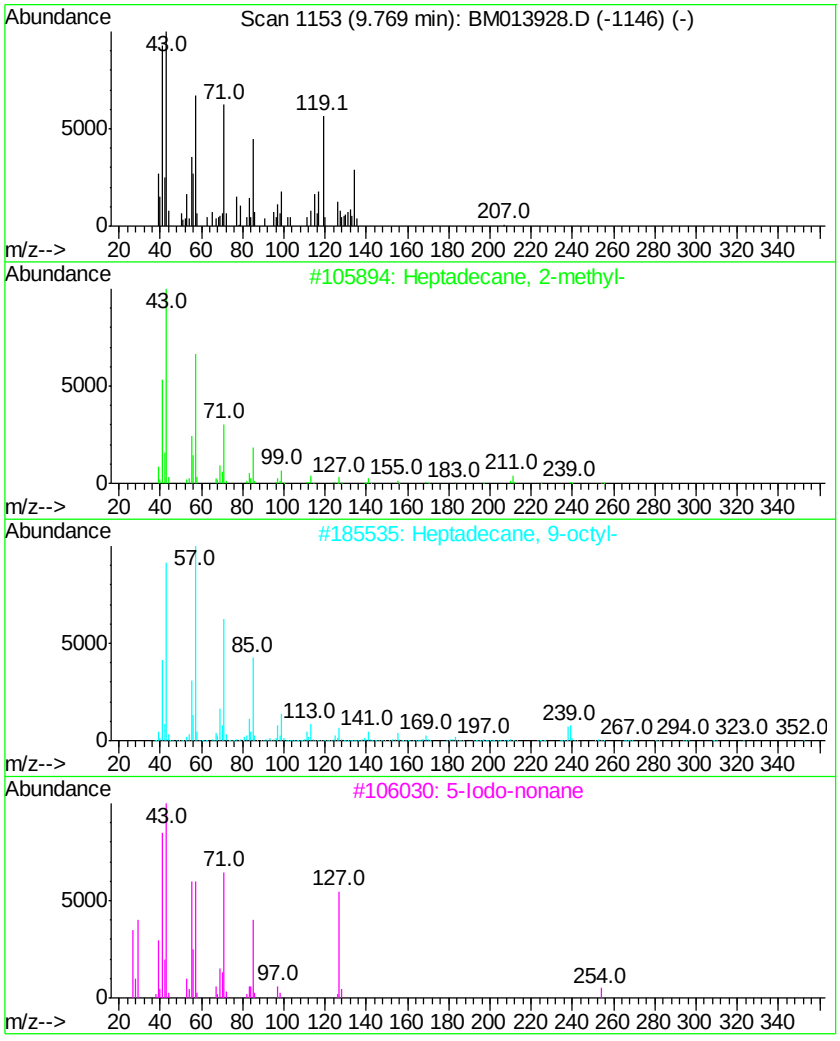
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

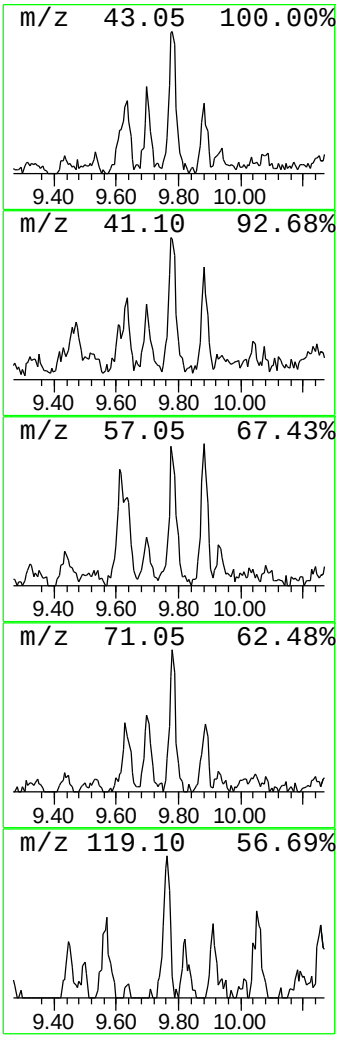
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	3.02 ng/ul	190267	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	59
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	58
3	5-Iodo-nonane	254	C9H19I	059456-19-8	58
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	53
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	53





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Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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

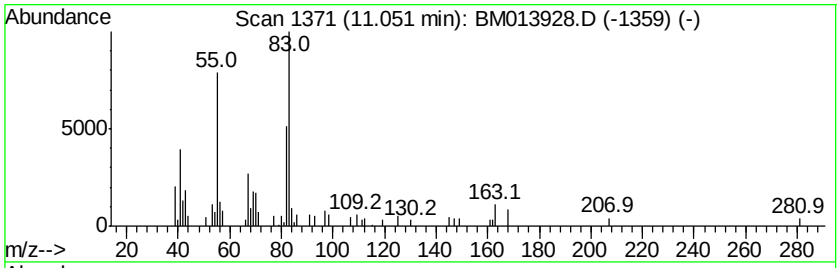
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

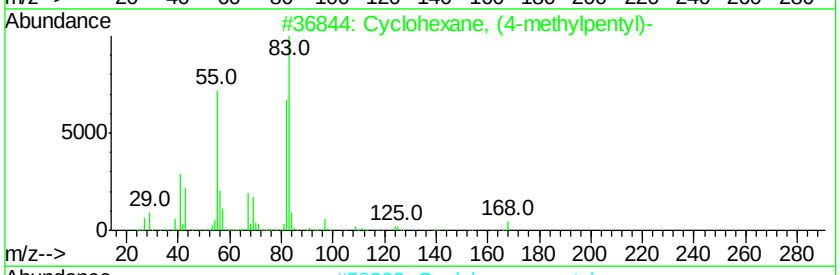
****

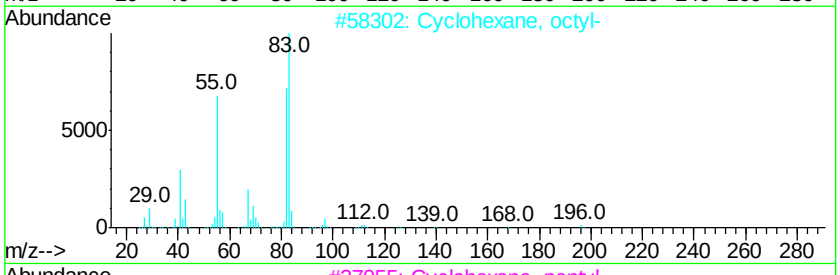
Peak Number 6 (DEL) Alkane: Cyclic11.05 Concentration Rank 31

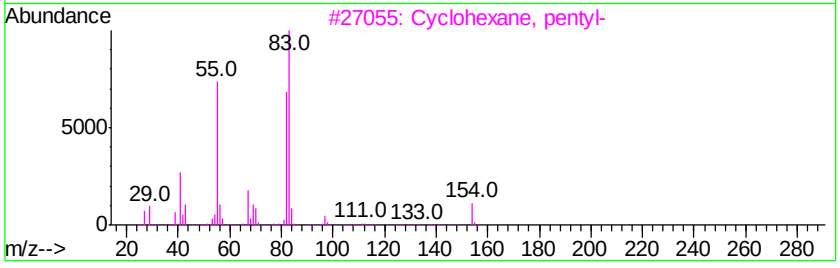
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	2.32 ng/ul	146086	Naphthalene-d8	10.35

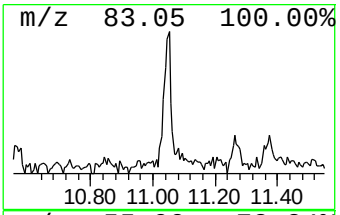
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	62
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	59
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	53
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53

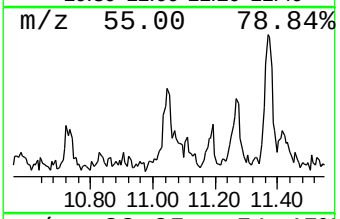


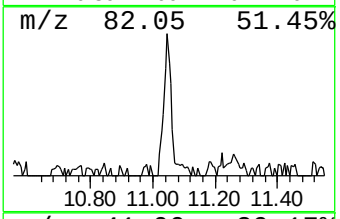


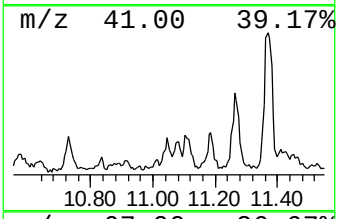


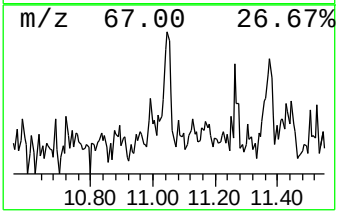












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Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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

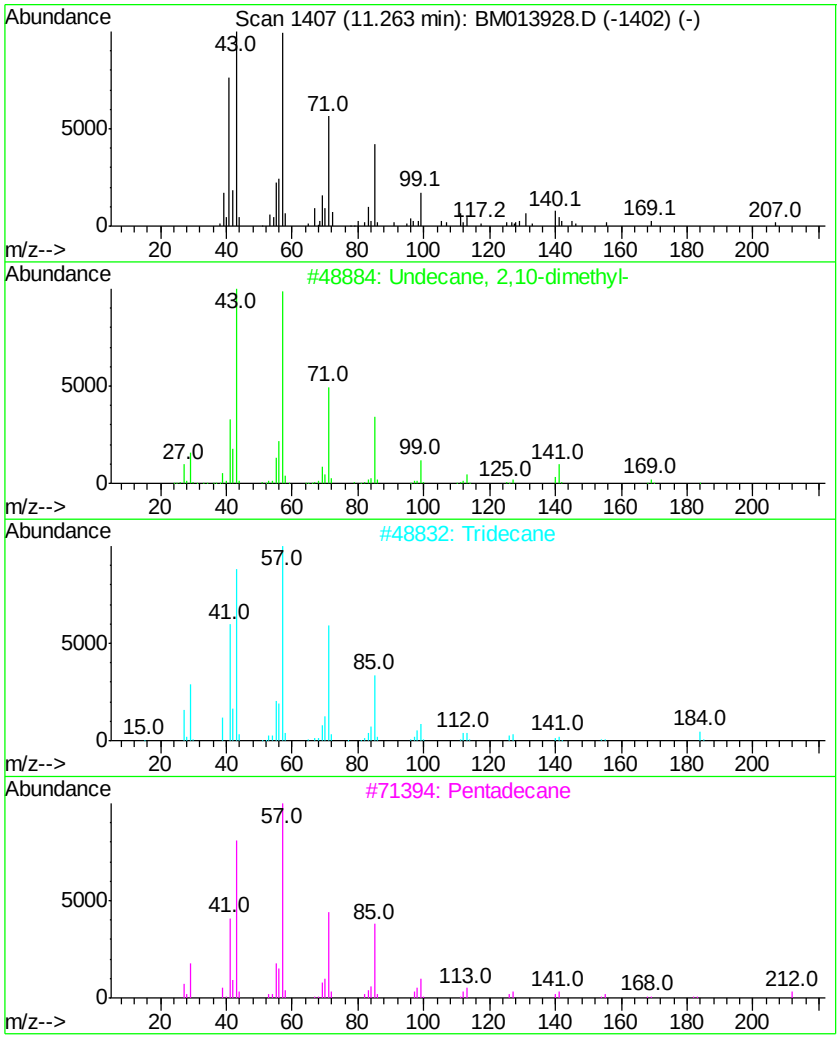
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

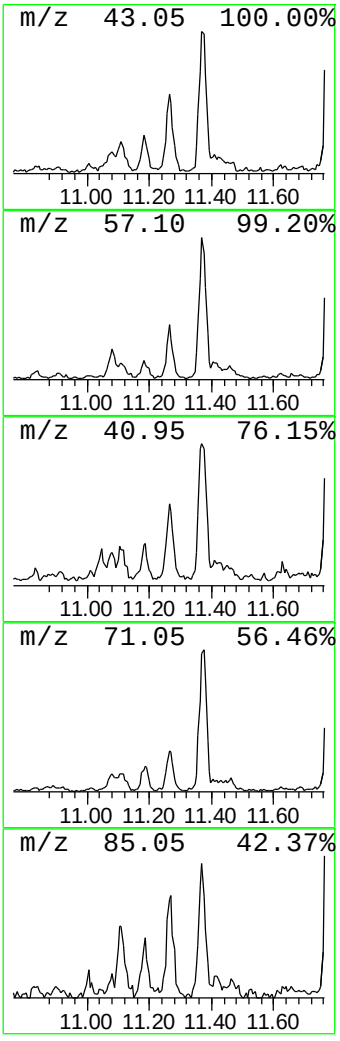
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	3.54 ng/ul	223037	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	80
2	Tridecane	184	C13H28	000629-50-5	78
3	Pentadecane	212	C15H32	000629-62-9	72
4	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	64
5	Hexadecane	226	C16H34	000544-76-3	64





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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

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

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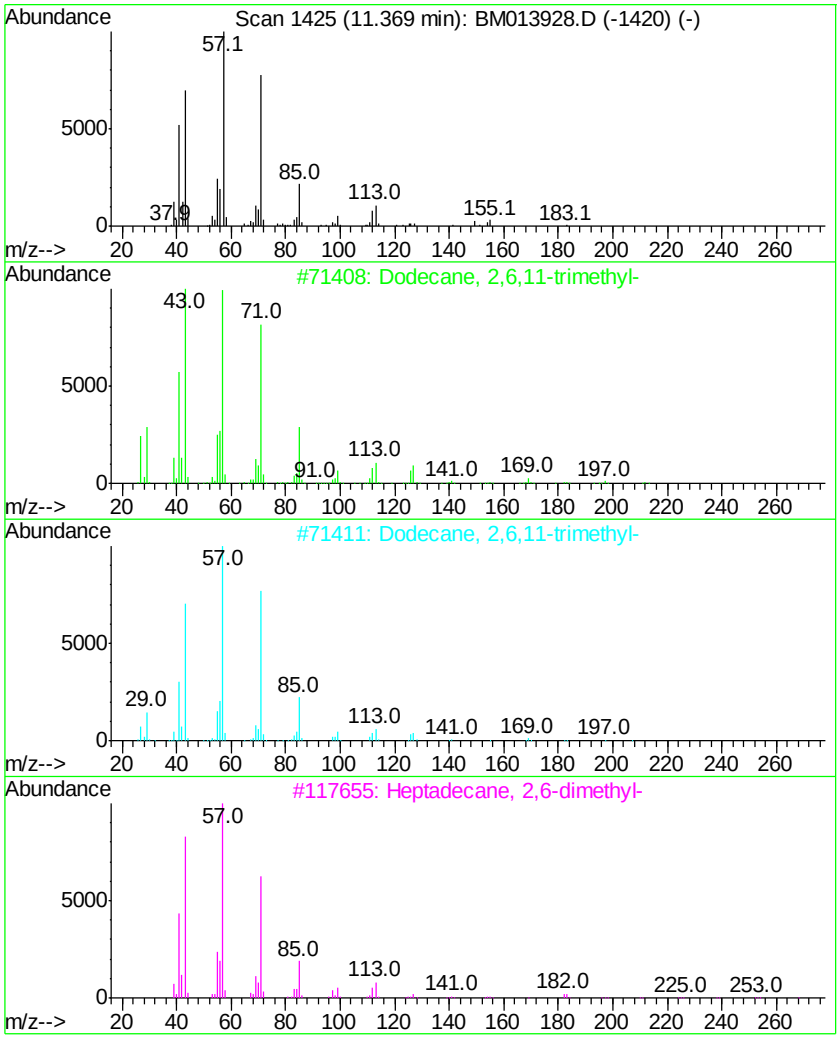
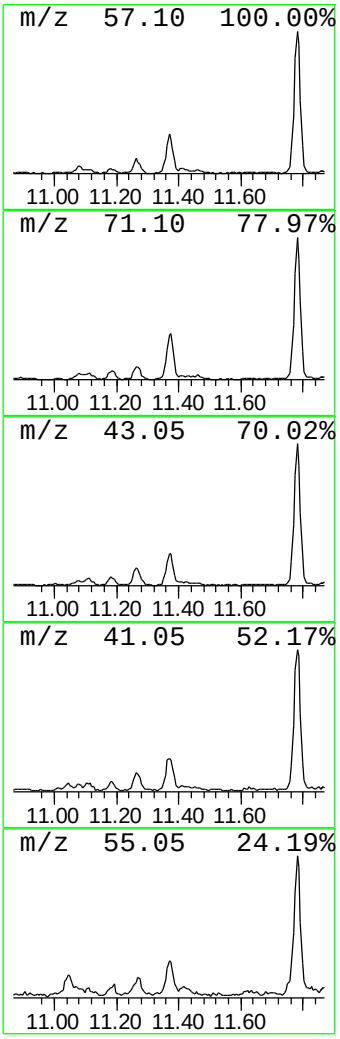
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	7.17 ng/ul	452373	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	83
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	80





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Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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

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

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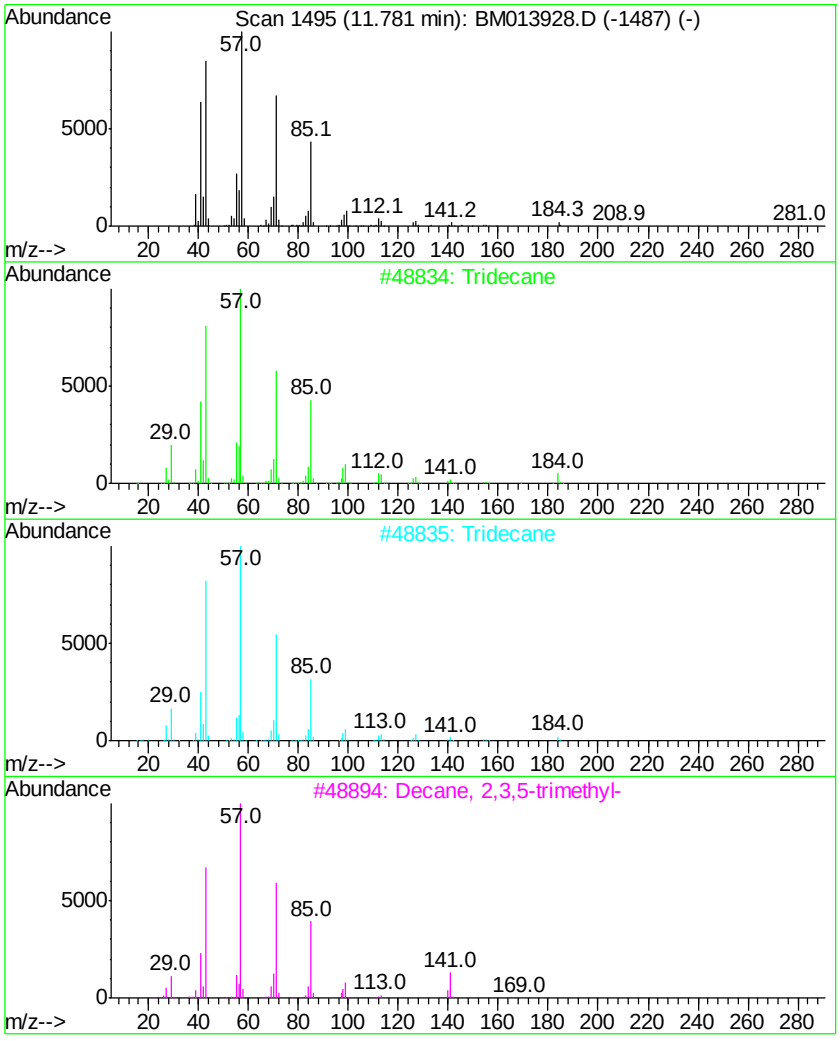
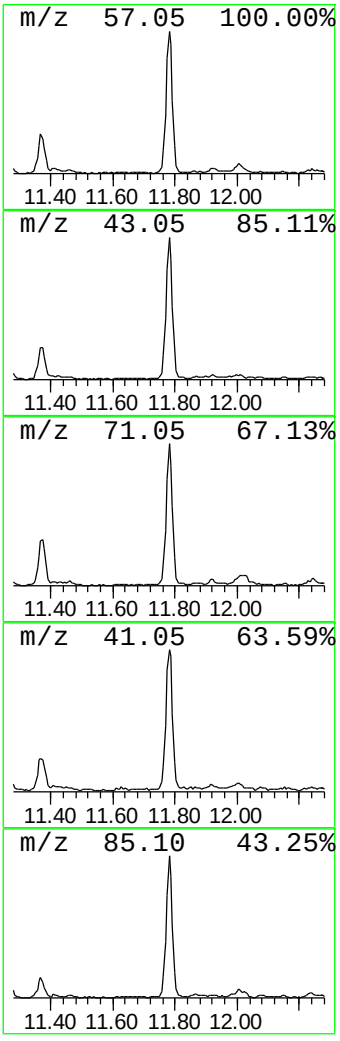
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	27.25 ng/ul	1719020	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Tridecane	184	C13H28	000629-50-5	91
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4	Tetradecane	198	C14H30	000629-59-4	86
5	Tridecane	184	C13H28	000629-50-5	76





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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

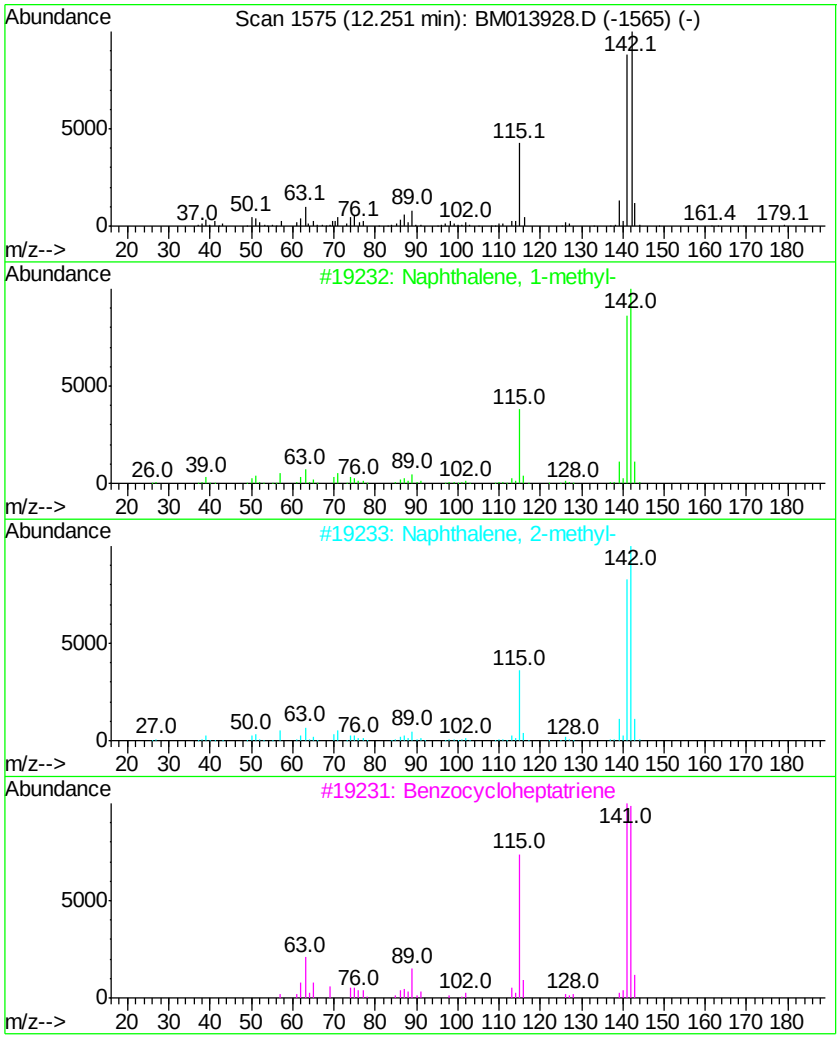
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

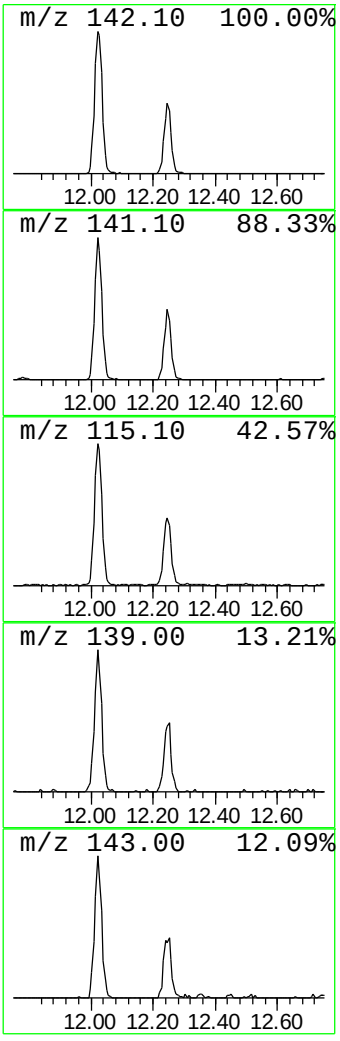
****

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	12.19 ng/ul	769157	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	Benzocycloheptatriene	142	C11H10	000264-09-5	95
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





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Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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

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

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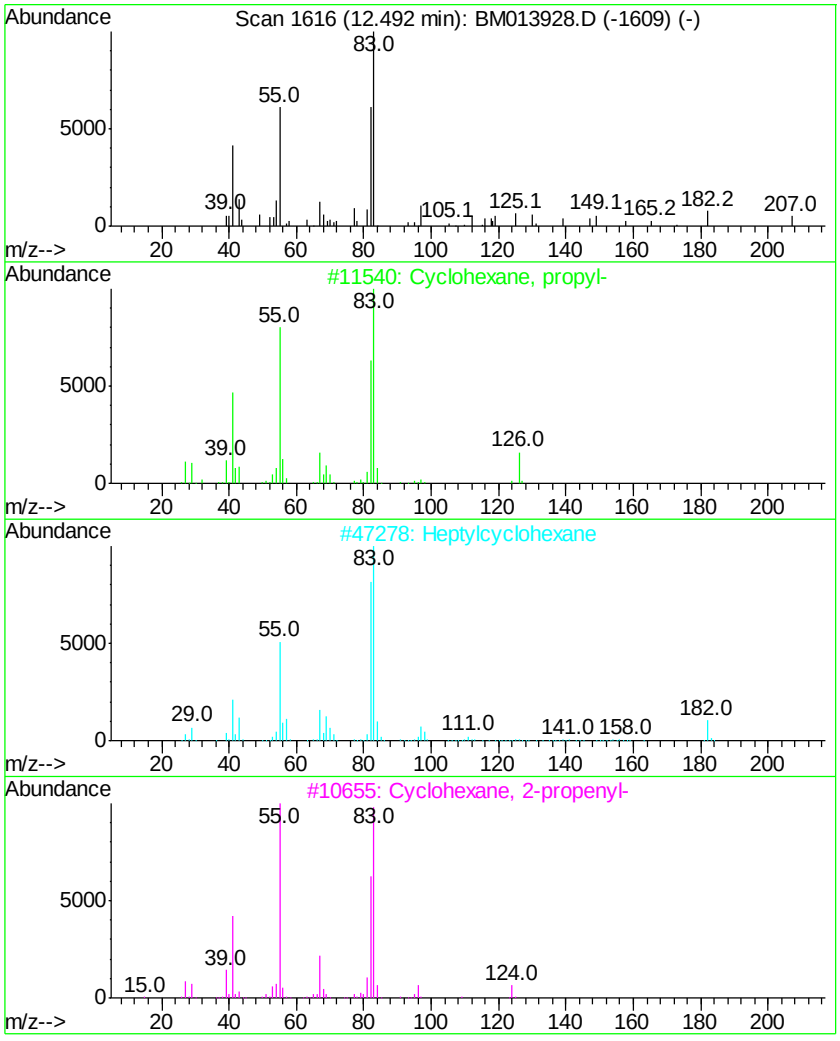
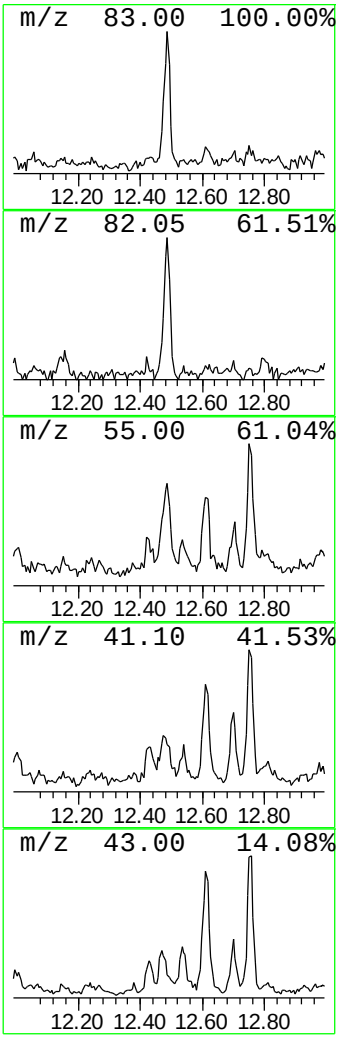
Peak Number 11 (DEL) Alkane: Cyclic12.49 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	2.24 ng/ul	229608	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
2	Heptylcyclohexane	182	C13H26	005617-41-4	72
3	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	64
5	Cyclohexane, 1,1'-(1,2-ethanediy...	194	C14H26	003321-50-4	64





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Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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

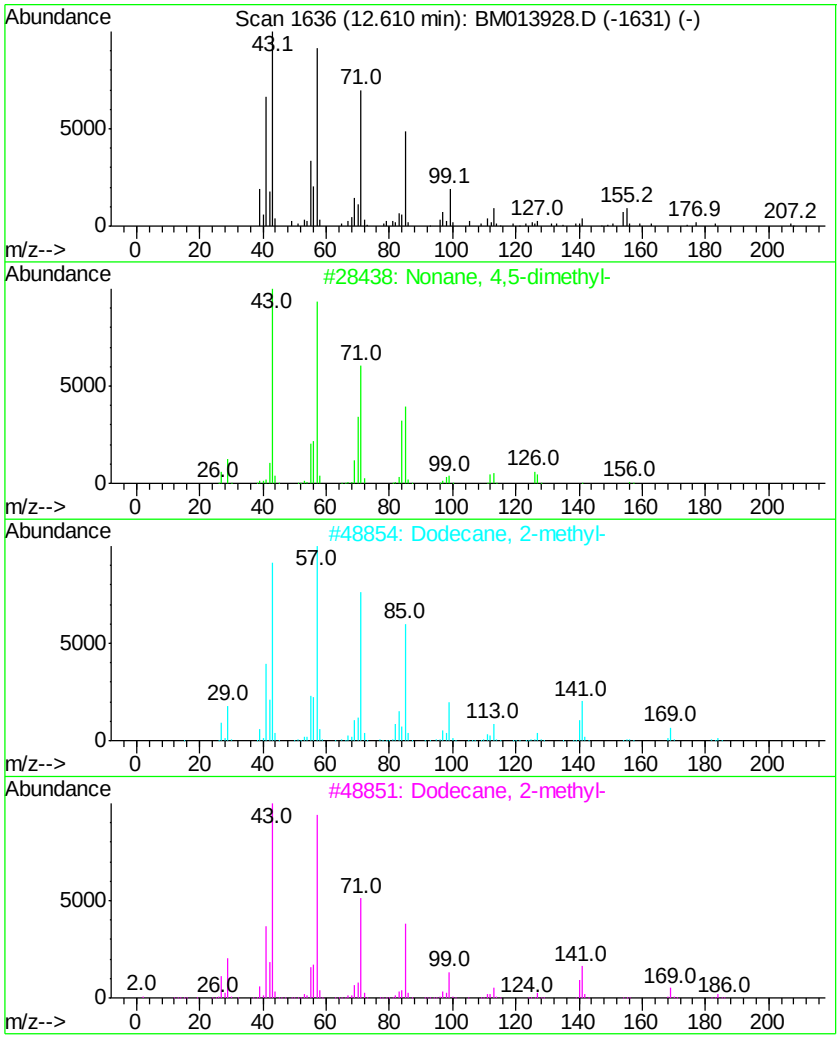
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

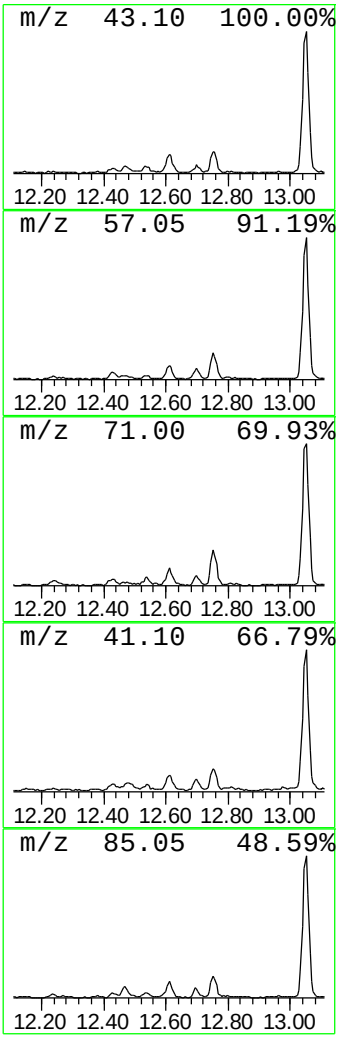
****

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	3.14 ng/ul	321579	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	72
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	59





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Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

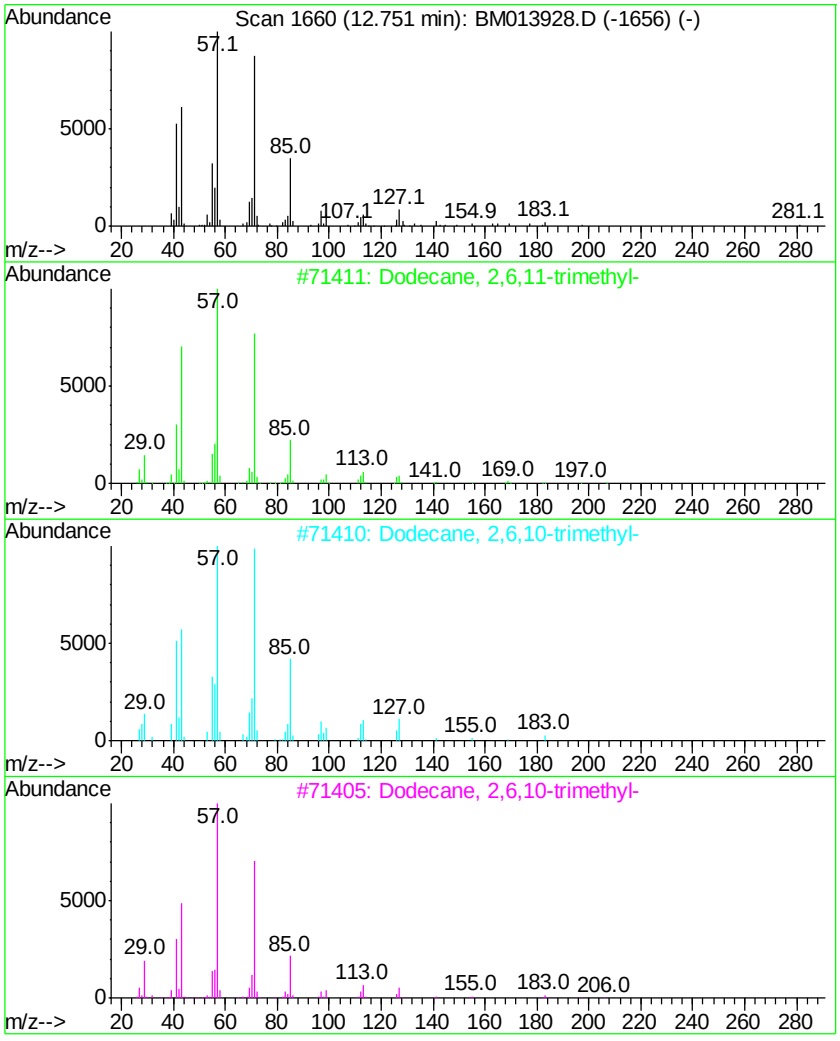
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

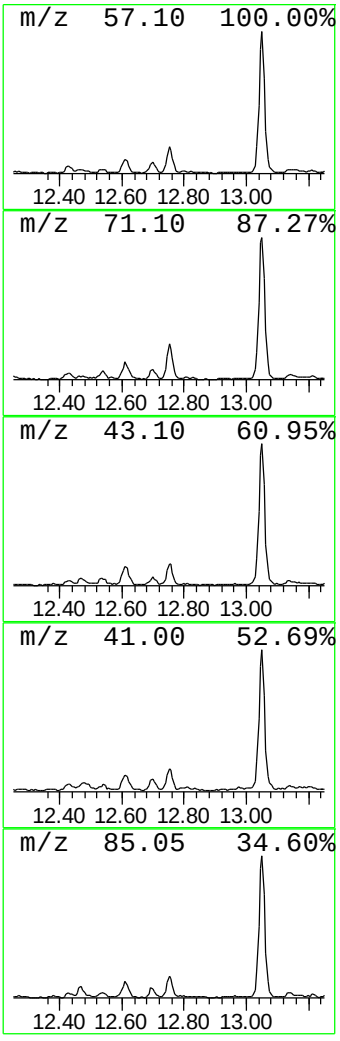
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	4.08 ng/ul	417985	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64





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Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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

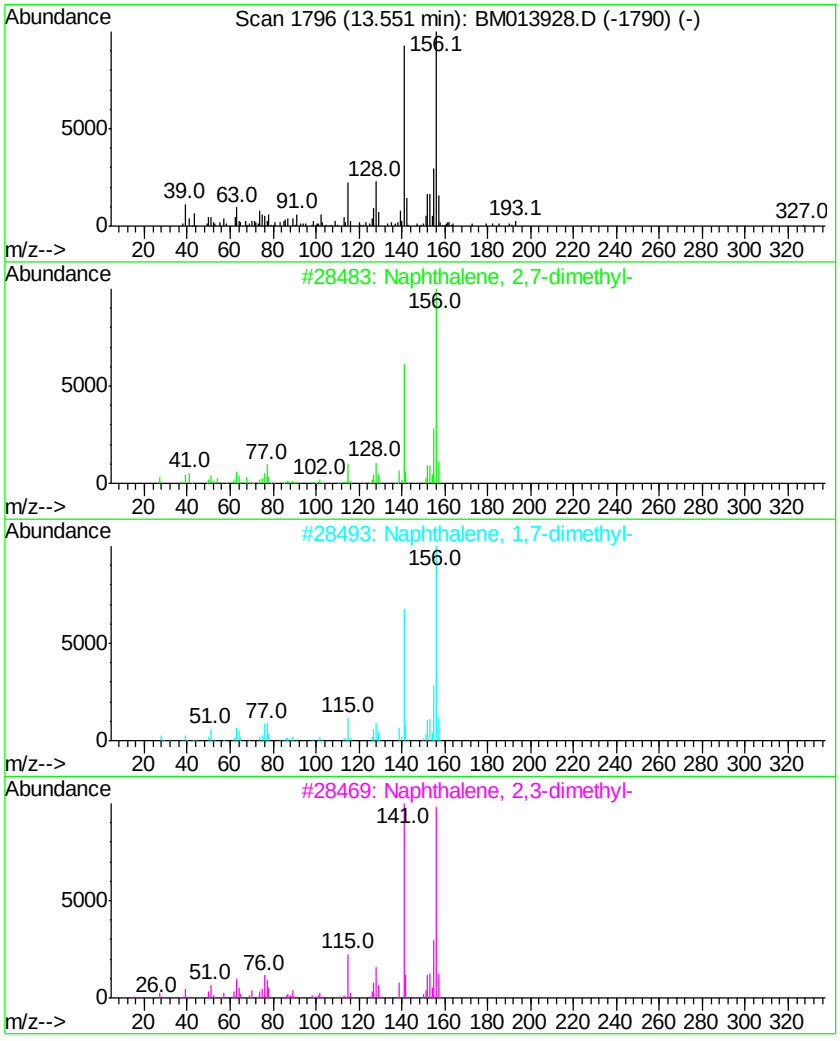
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

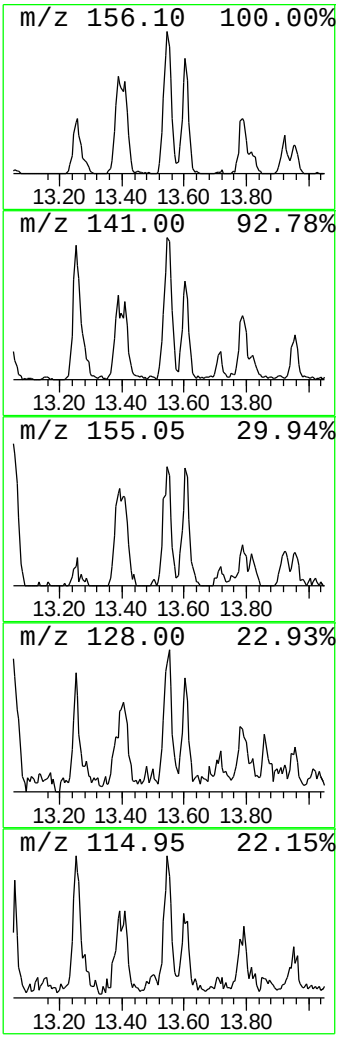
****

Peak Number 14 Naphthalene, 2,7-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	3.49 ng/ul	357388	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, 1,7-dimethyl-	156	C12H12	000575-37-1	94
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
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Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

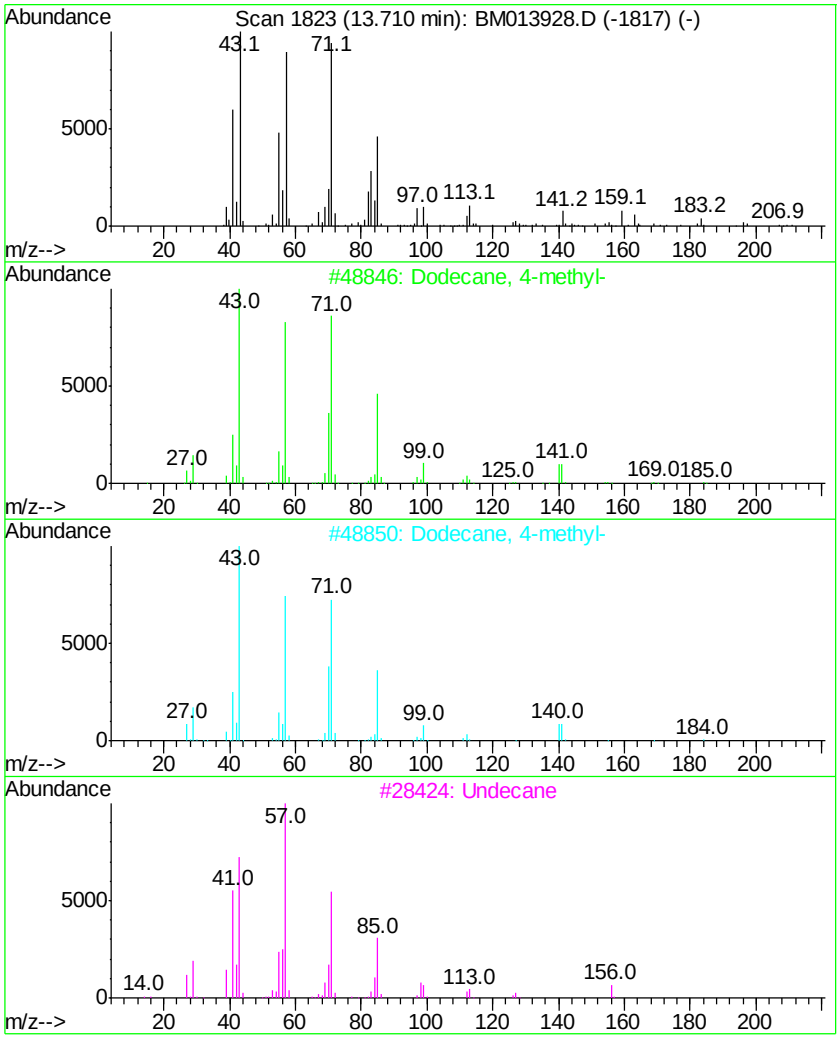
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

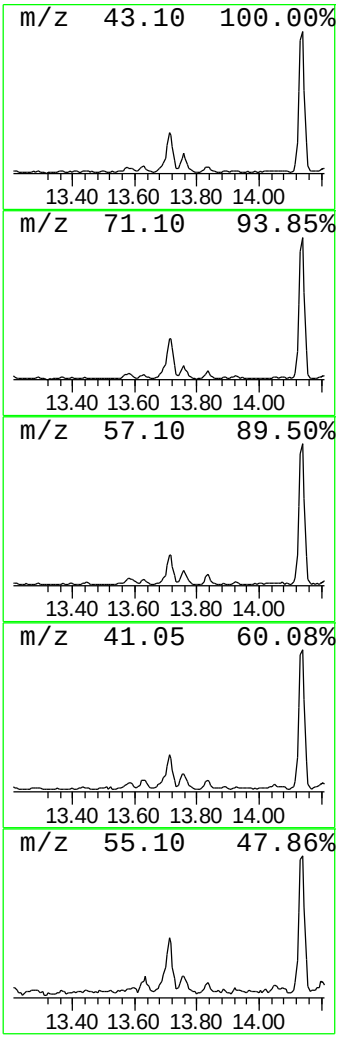
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	6.97 ng/ul	713569	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	70
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	70
3	Undecane	156	C11H24	001120-21-4	64
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	59
5	Decane, 5-propyl-	184	C13H28	017312-62-8	58





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Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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

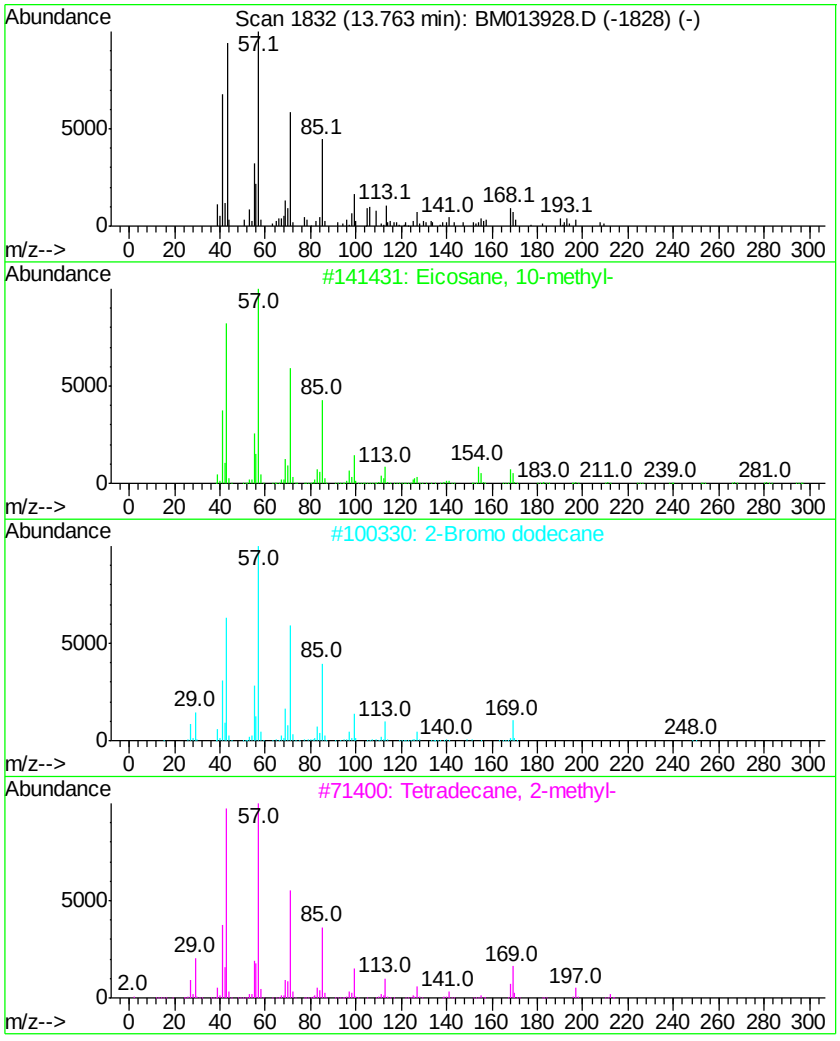
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

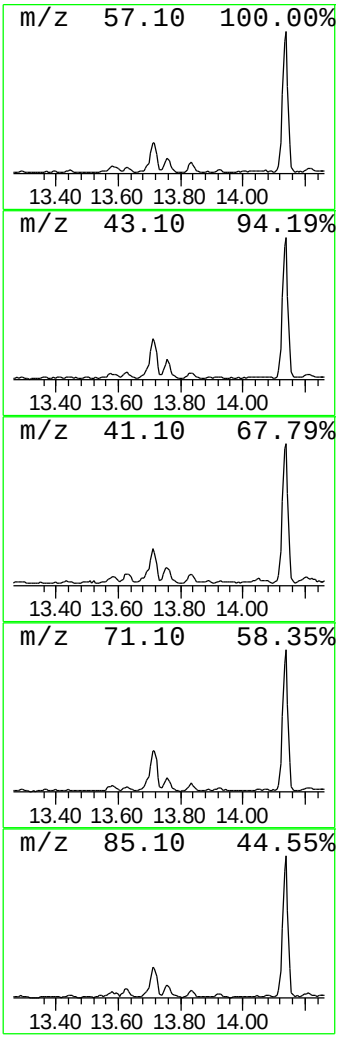
****

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	2.01 ng/ul	205705	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
3	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	80
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	72
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64





Library Search Compound Report

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Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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

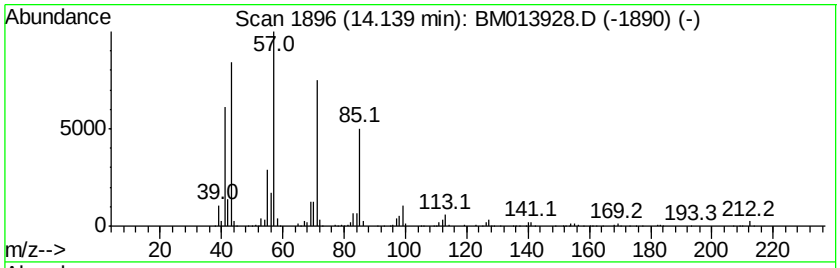
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

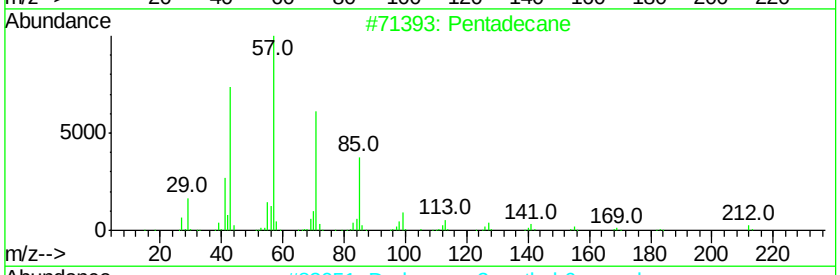
****

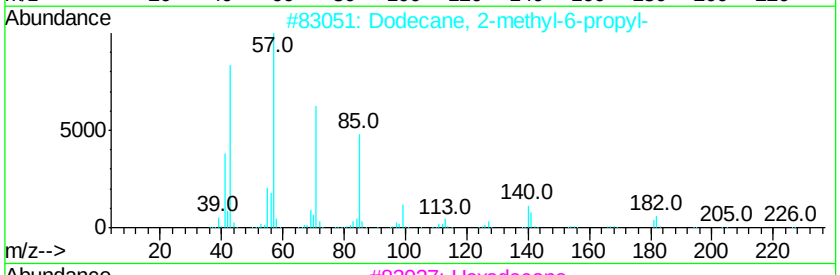
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 3

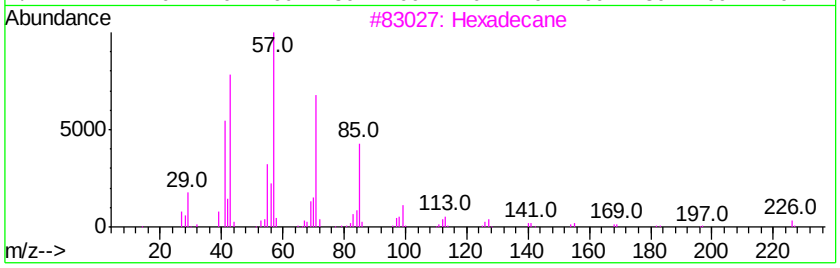
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	22.02 ng/ul	2254490	Acenaphthene-d10	14.23

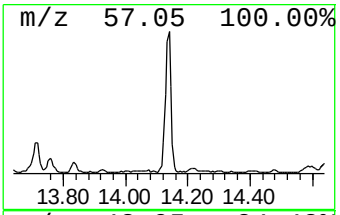
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Pentadecane	212	C15H32	000629-62-9	86
5	Hexadecane	226	C16H34	000544-76-3	80

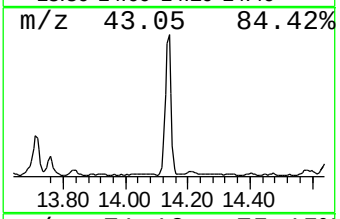


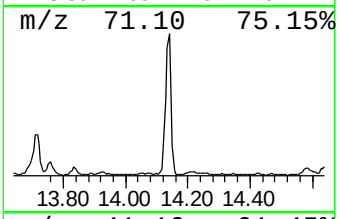


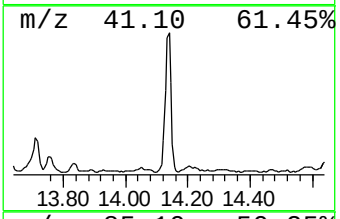


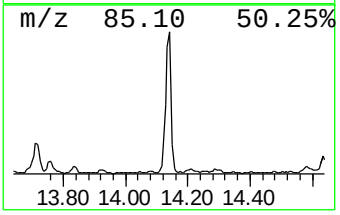












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Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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

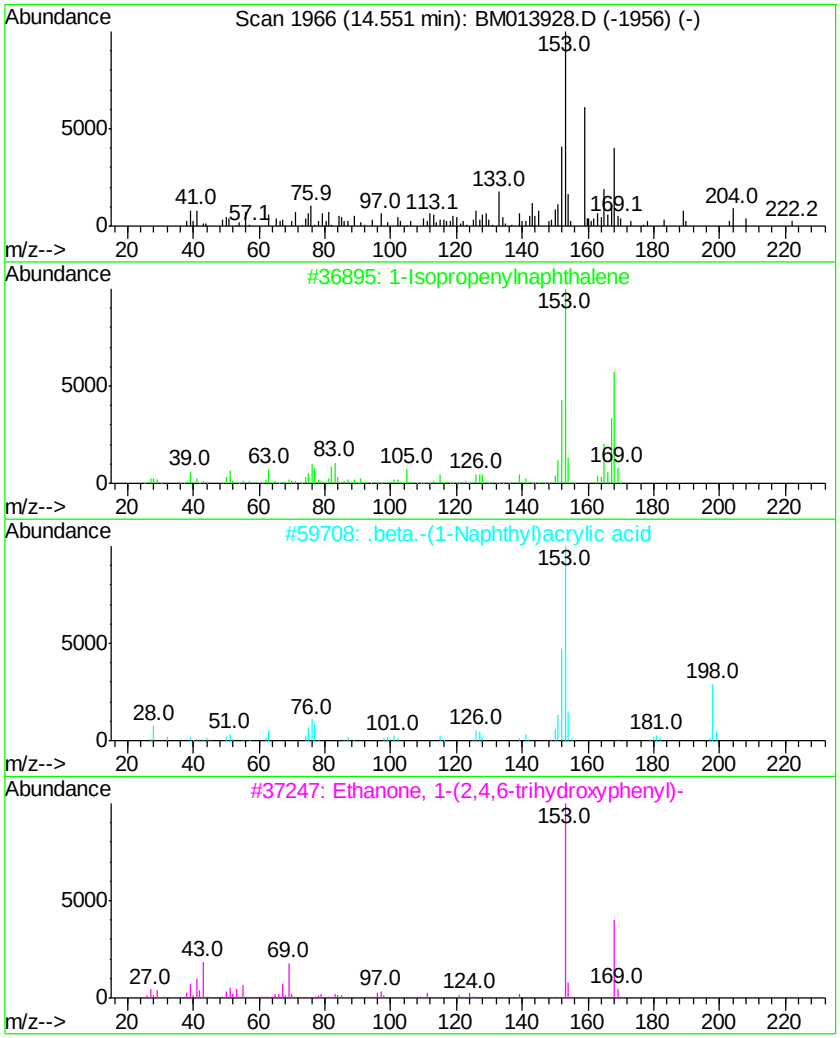
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

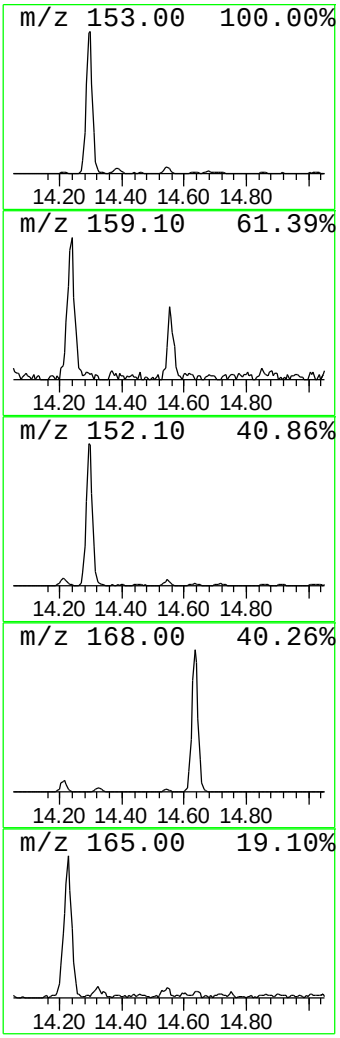
****

Peak Number 18 1-Isopropenylnaphthalene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	2.26 ng/ul	230975	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	76
2	.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	53
3	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	43
4	Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	43
5	.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	42





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

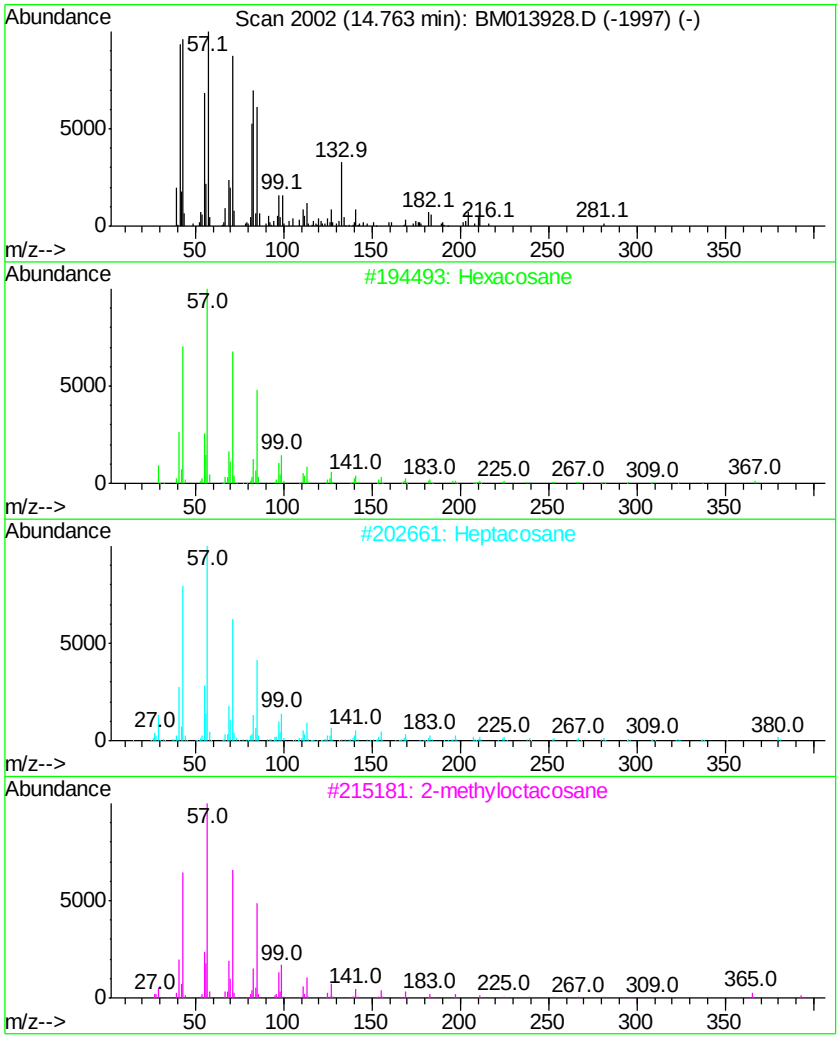
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

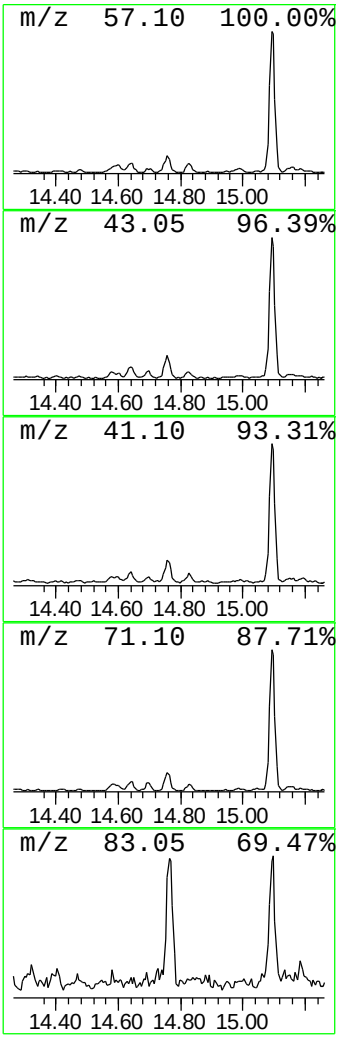
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	4.41 ng/ul	451994	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	58
2	Heptacosane	380	C27H56	000593-49-7	58
3	2-methyloctacosane	408	C29H60	1000376-72-8	58
4	Heneicosane	296	C21H44	000629-94-7	58
5	Octadecane	254	C18H38	000593-45-3	58





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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

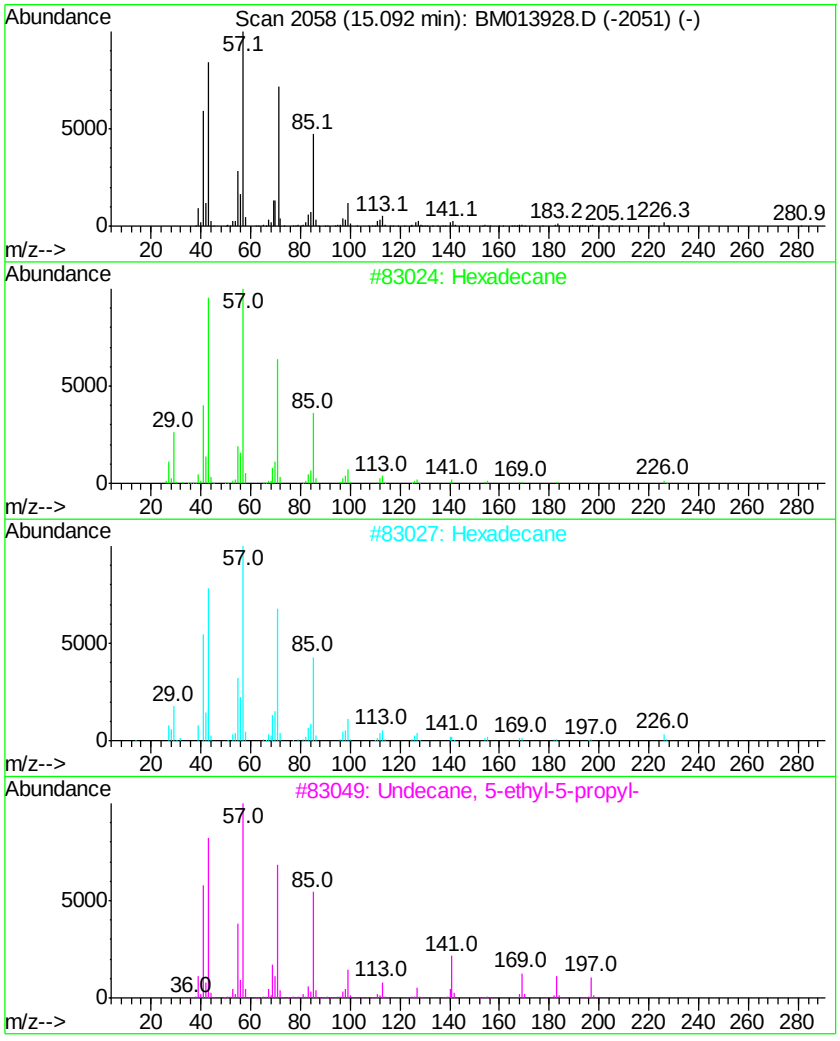
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

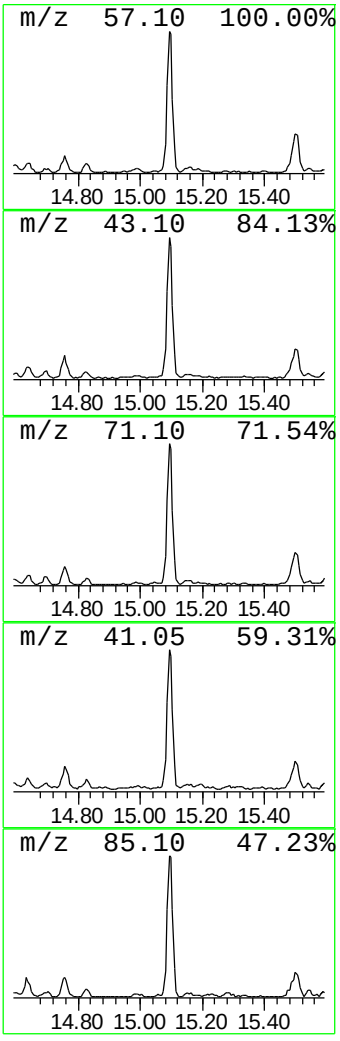
****

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	20.48 ng/ul	2096840	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	90
4	Octacosane	394	C28H58	000630-02-4	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

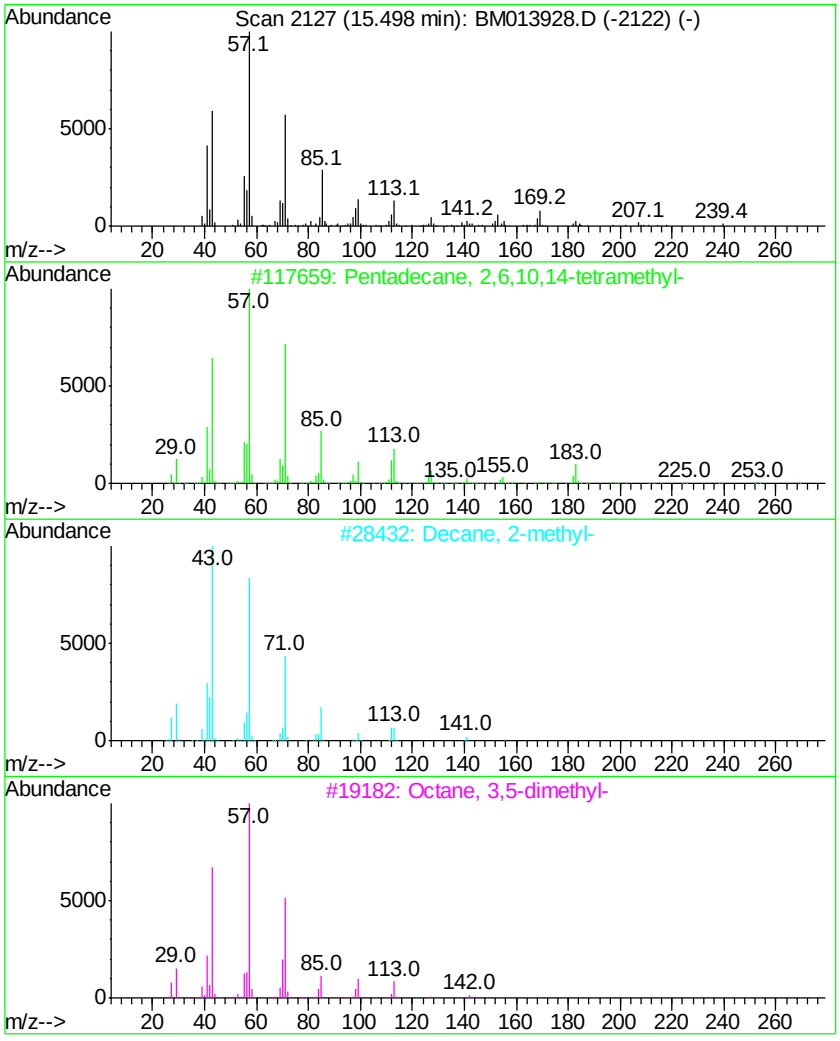
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

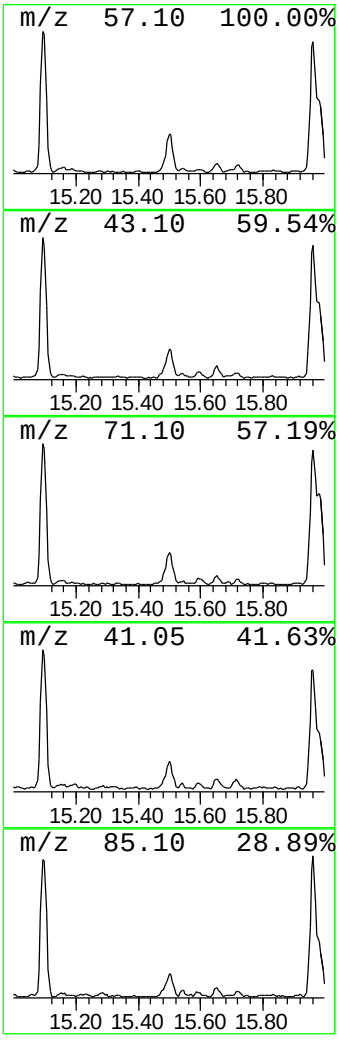
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	6.52 ng/ul	667545	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
2	Decane, 2-methyl-	156	C11H24	006975-98-0	68
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	68
4	Tetracosane	338	C24H50	000646-31-1	68
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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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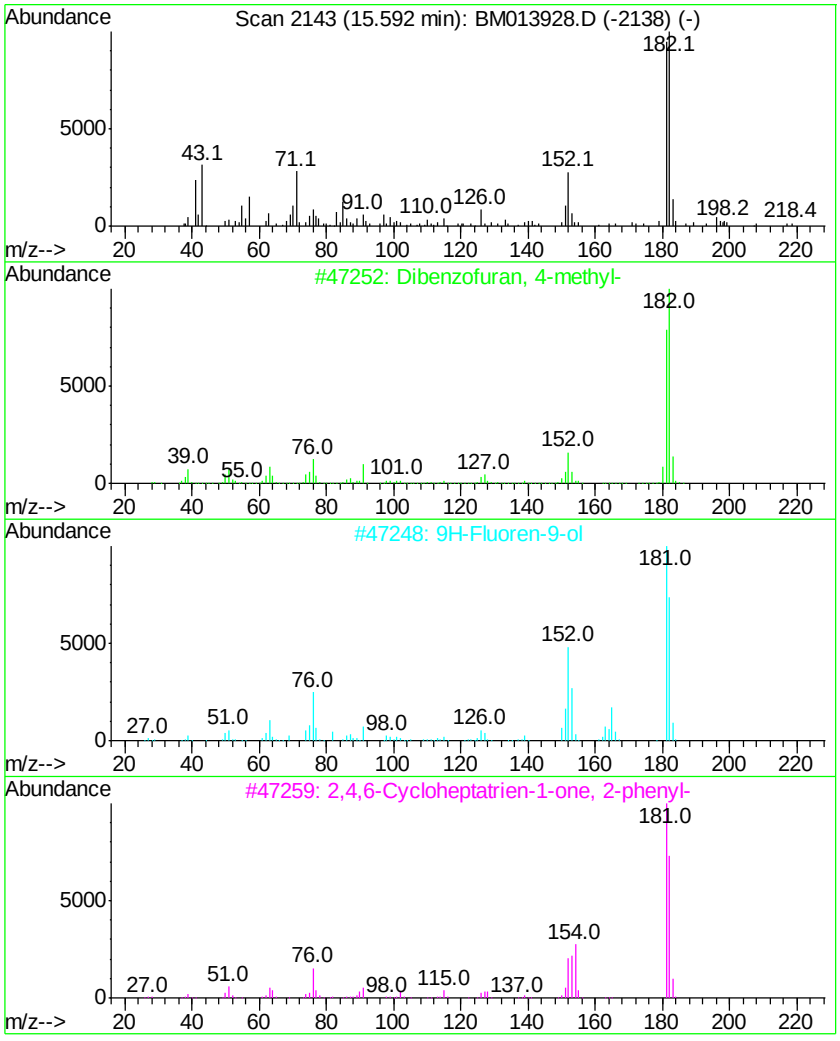
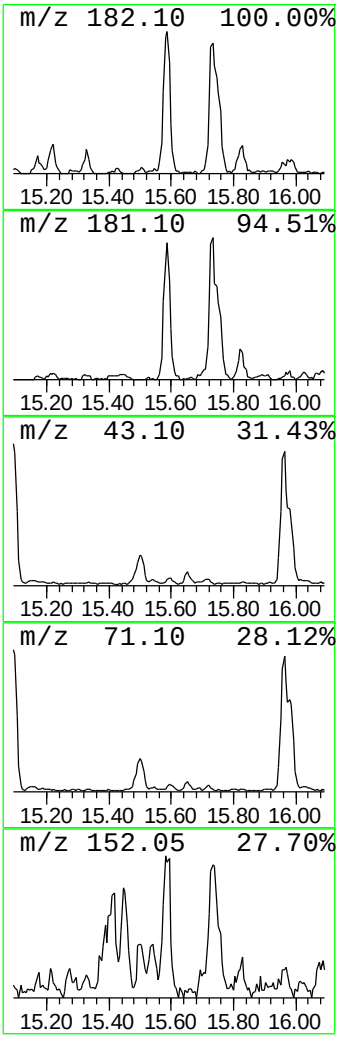
Peak Number 22 Dibenzofuran, 4-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	3.57 ng/ul	365895	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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

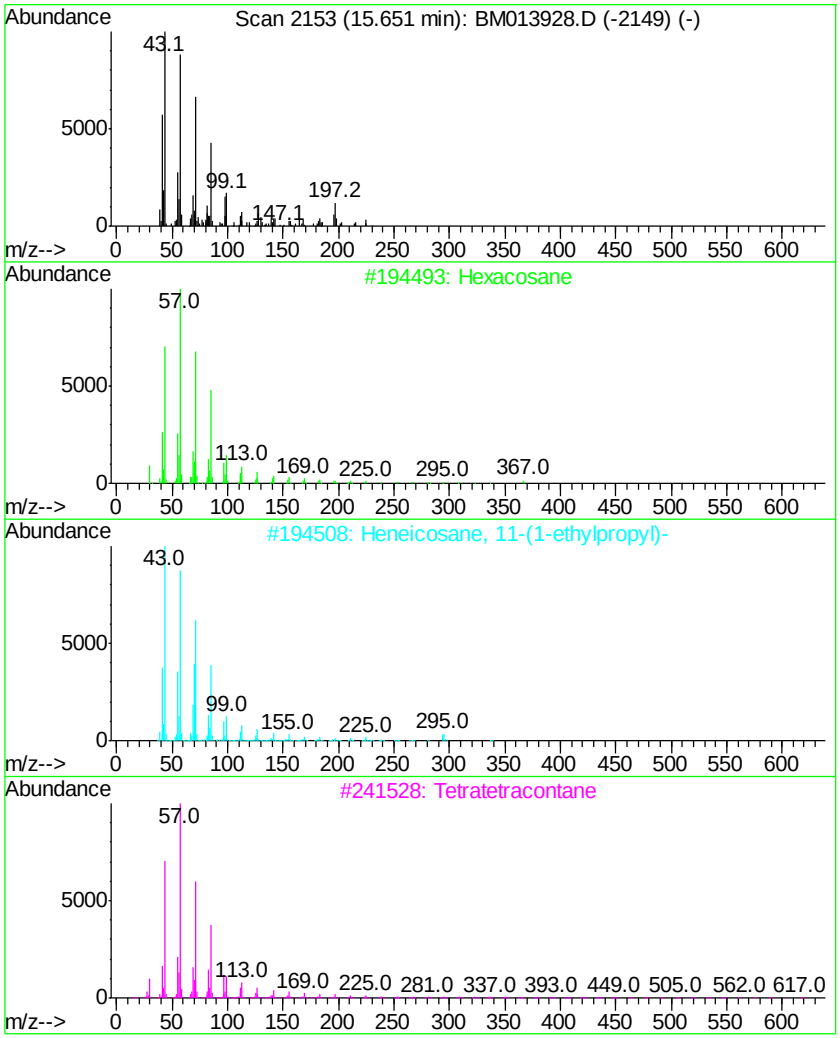
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

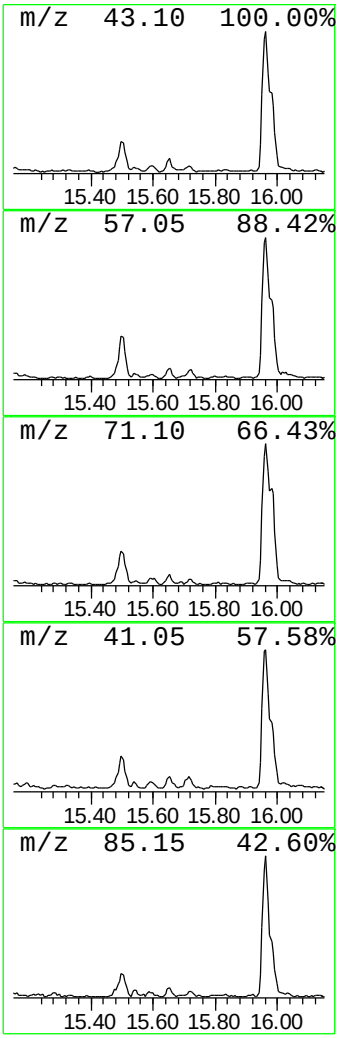
****

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	2.02 ng/ul	206556	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	83
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80
3	Tetratetracontane	619	C44H90	007098-22-8	80
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	80
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	76





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Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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

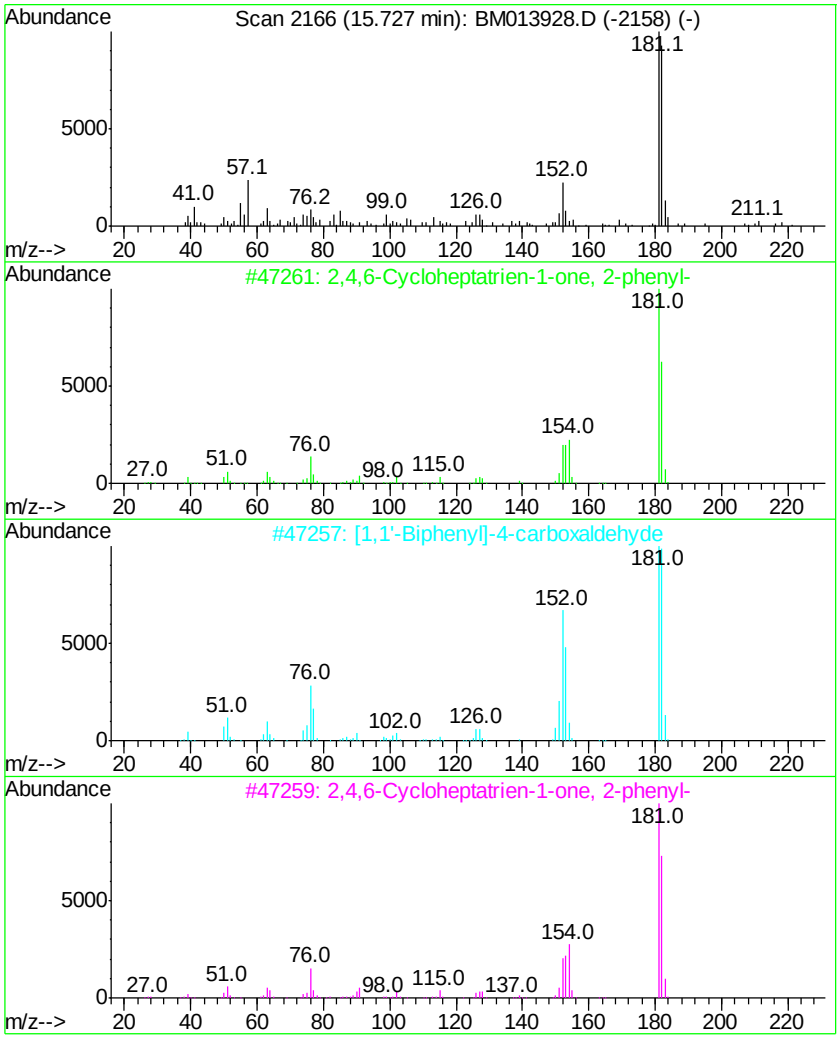
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

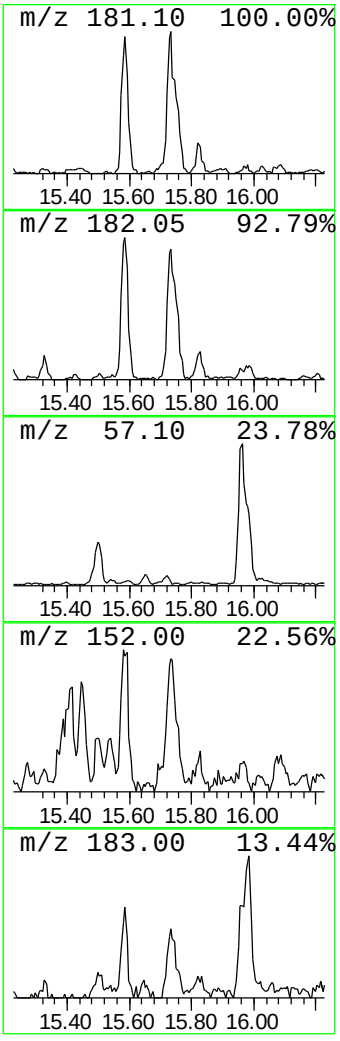
****

Peak Number 24 2,4,6-Cycloheptatrien-1-one... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	5.43 ng/ul	554876	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5	3-(1-Naphthyl)acrylaldehyde	182	C13H10O	001504-73-0	72





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
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Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

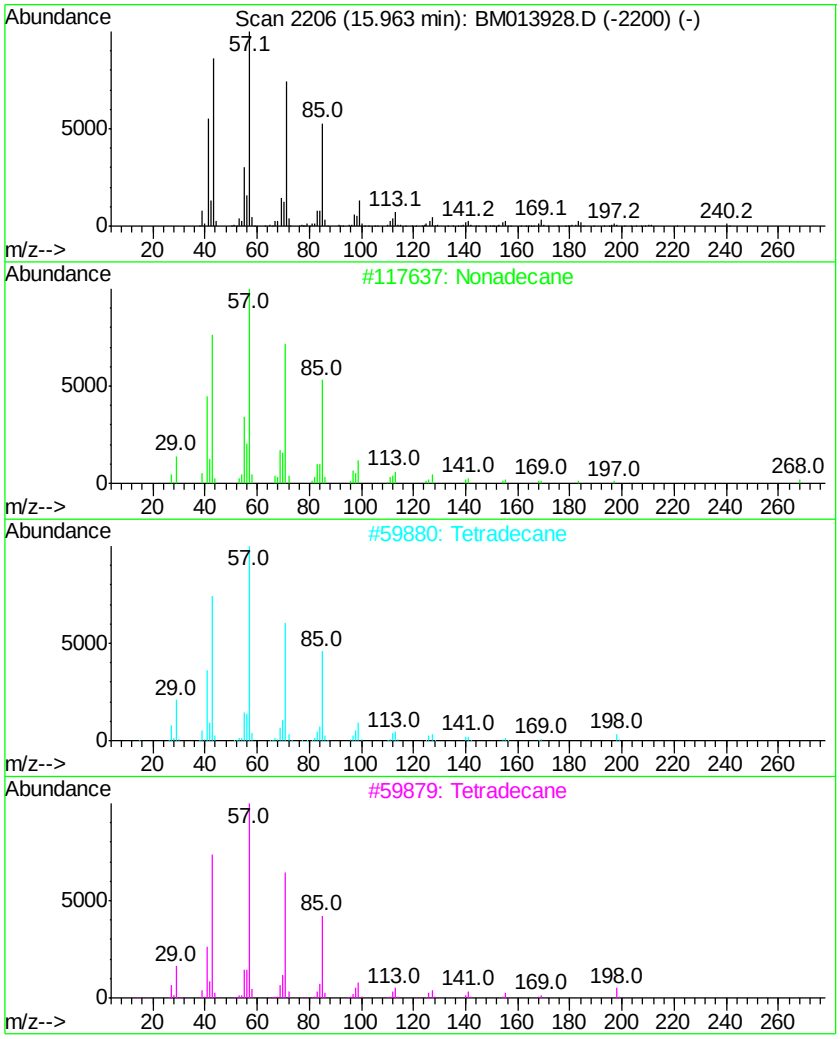
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

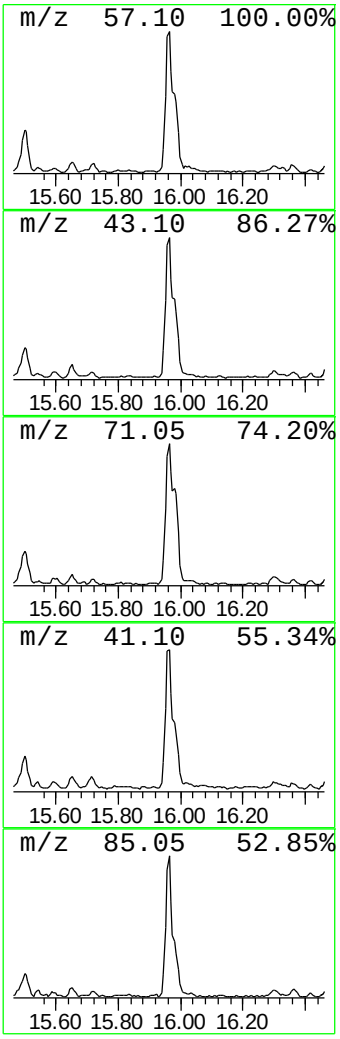
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	30.83 ng/ul	3150190	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Pentadecane	212	C15H32	000629-62-9	91





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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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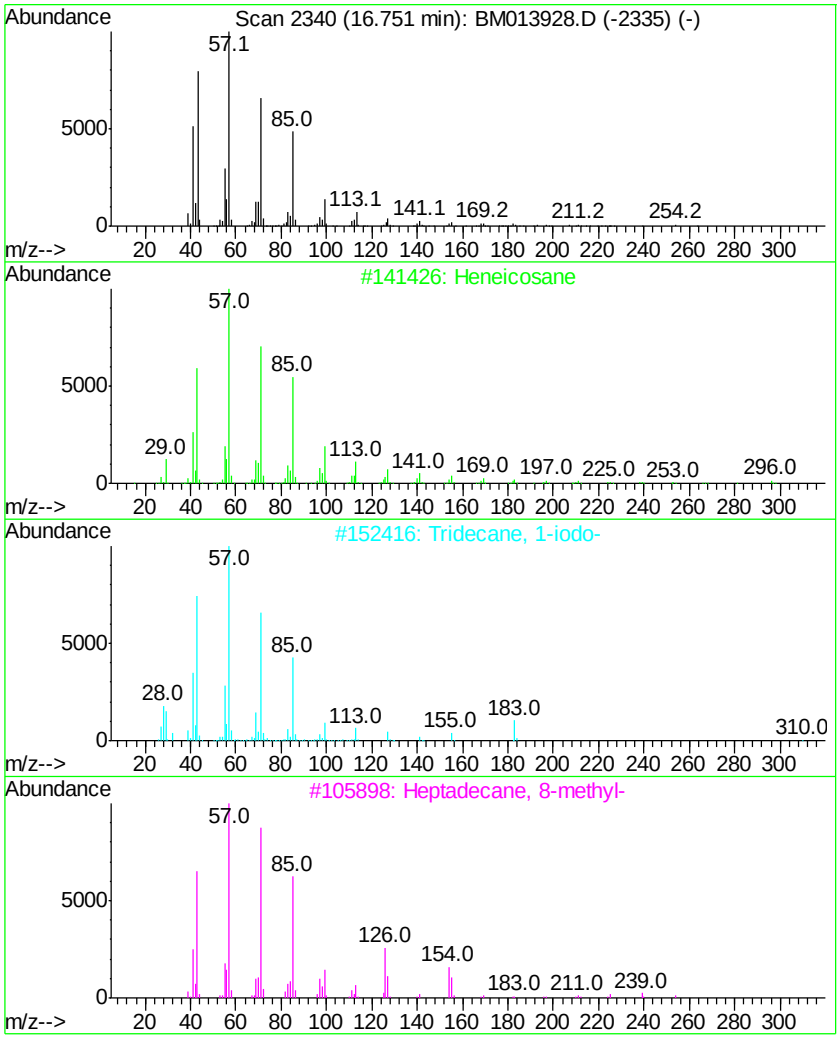
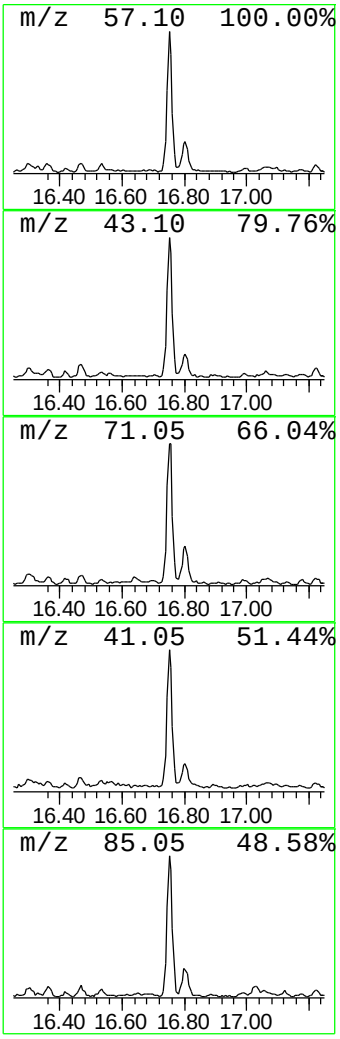
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	15.42 ng/ul	1575310	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	87
4	Dodecane	170	C12H26	000112-40-3	87
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87





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Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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

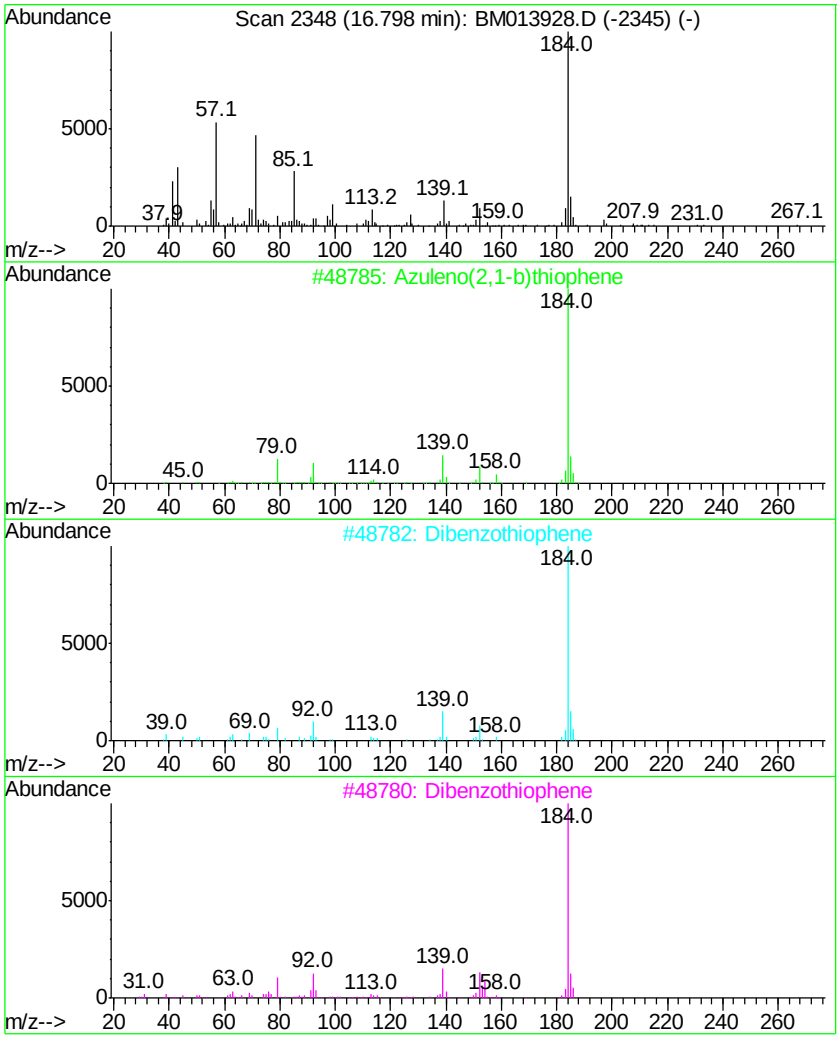
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

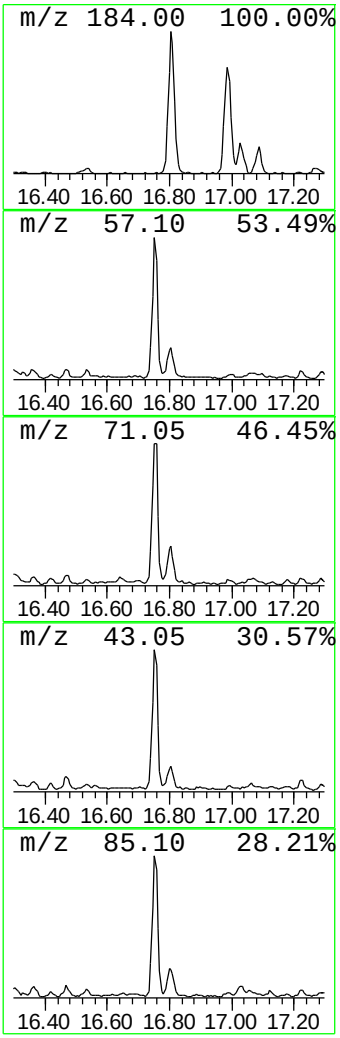
****

Peak Number 27 Azuleno(2,1-b)thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	7.22 ng/ul	737507	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	70
2	Dibenzothiophene	184	C12H8S	000132-65-0	70
3	Dibenzothiophene	184	C12H8S	000132-65-0	70
4	Dibenzothiophene	184	C12H8S	000132-65-0	70
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	64





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Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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

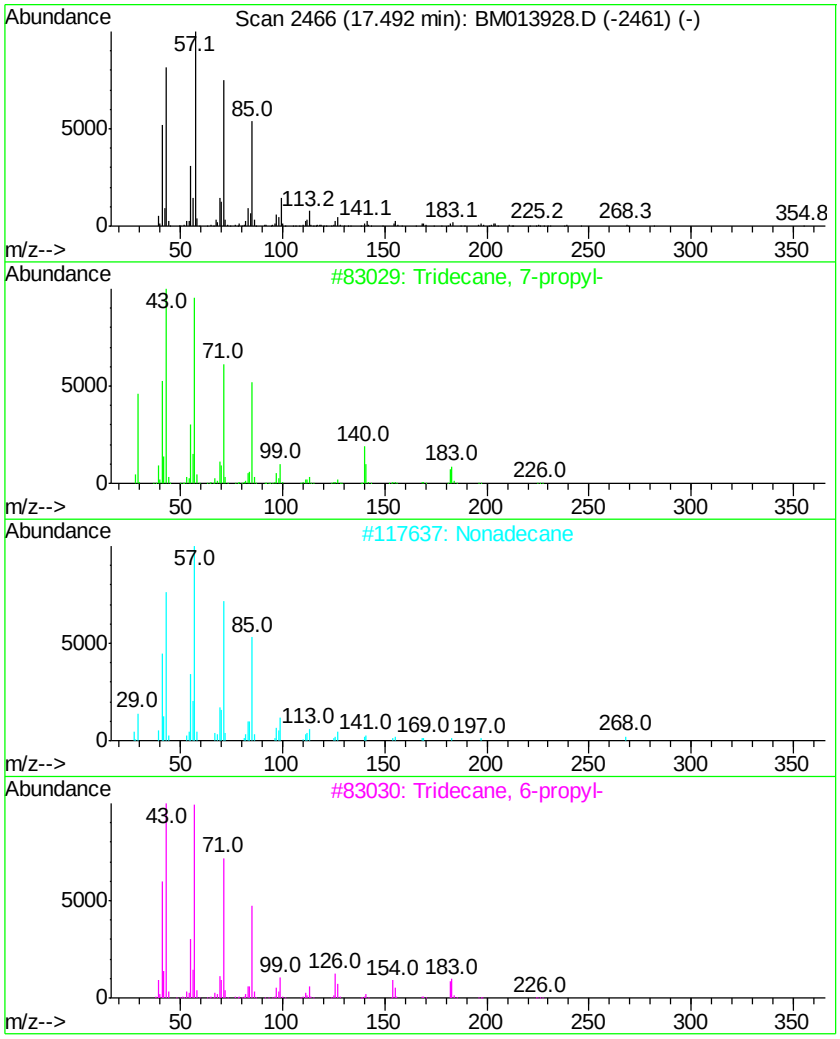
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

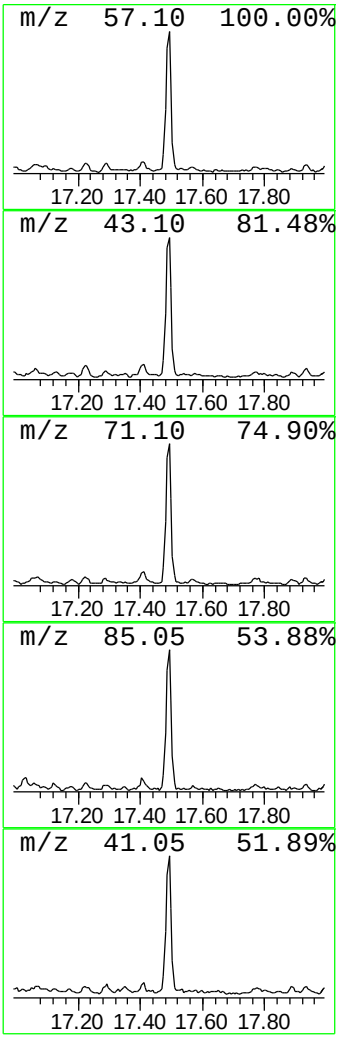
****

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	12.40 ng/ul	1267120	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87





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Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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

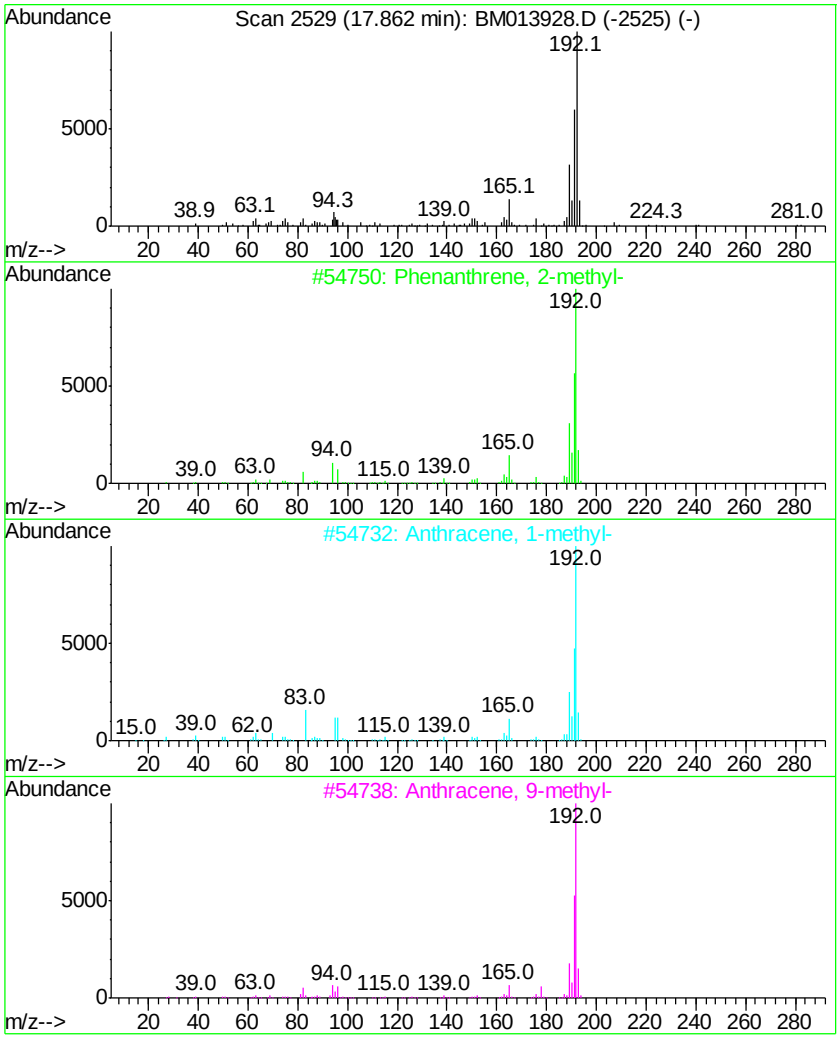
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

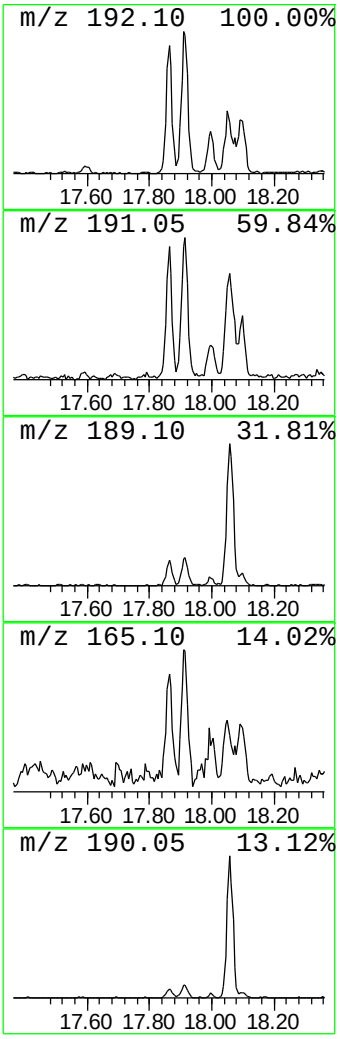
****

Peak Number 29 Phenanthrene, 2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	2.28 ng/ul	232619	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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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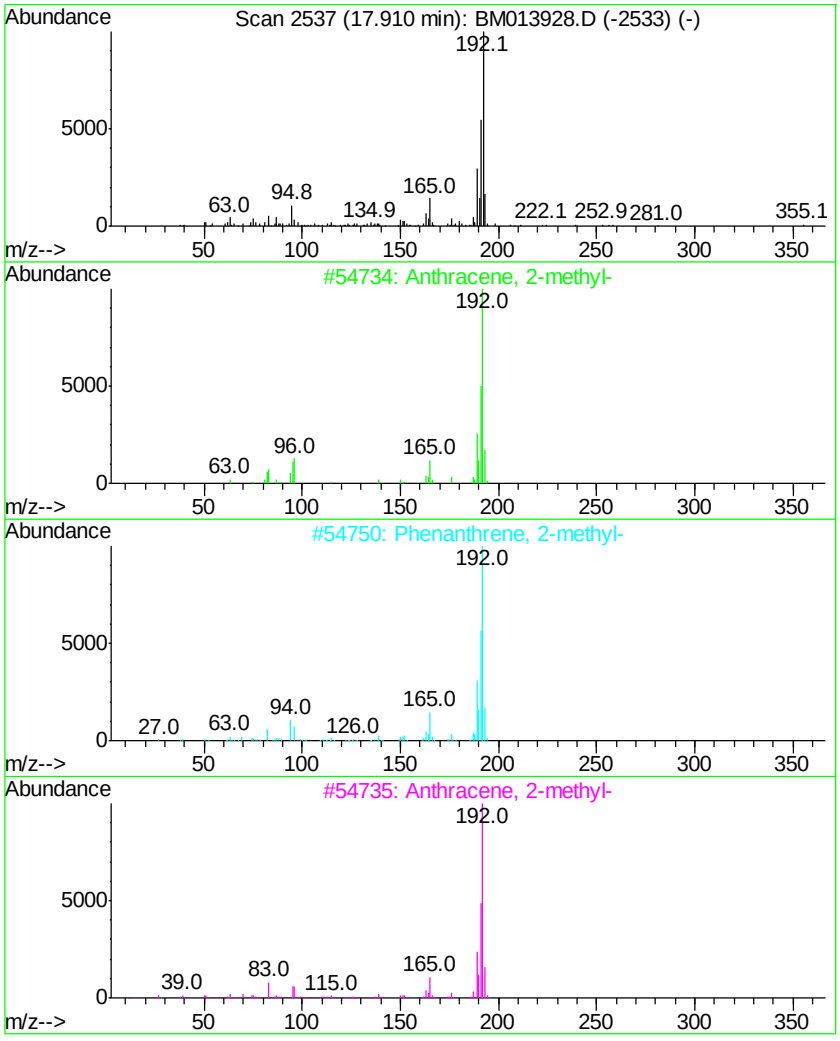
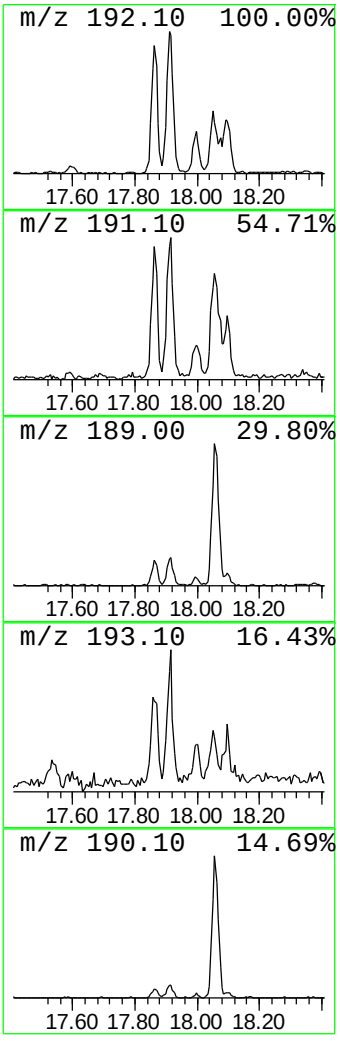
Peak Number 30 Anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	4.01 ng/ul	409308	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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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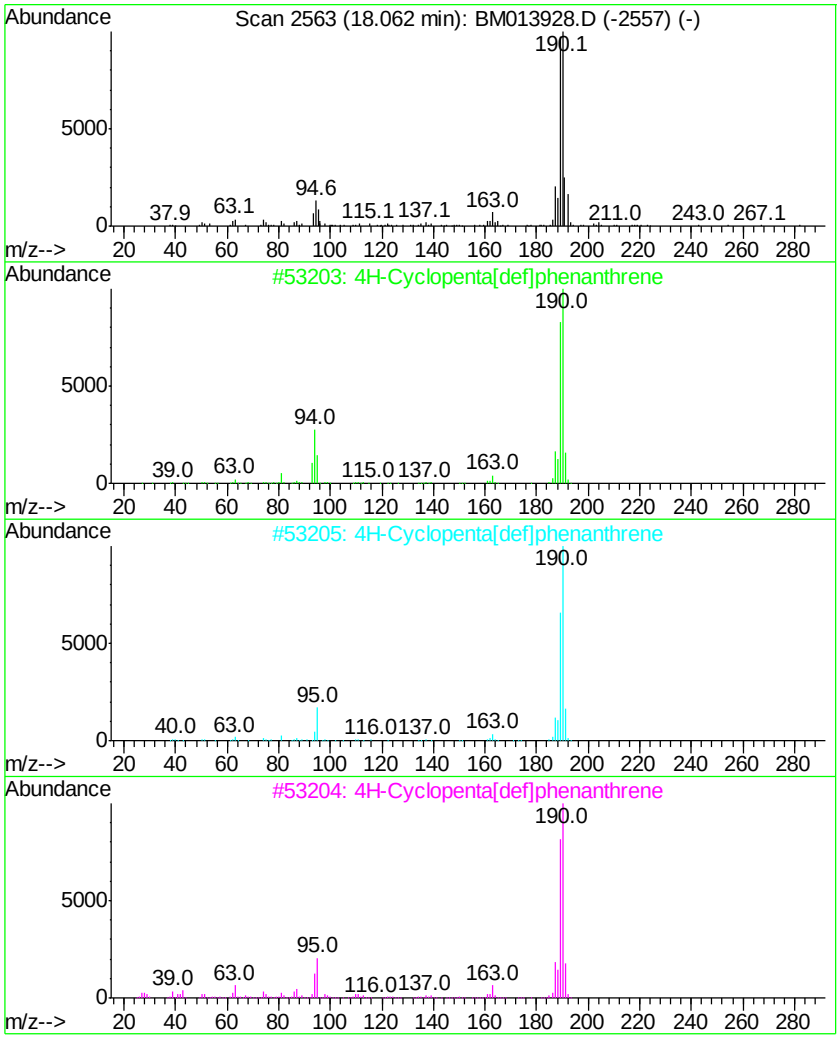
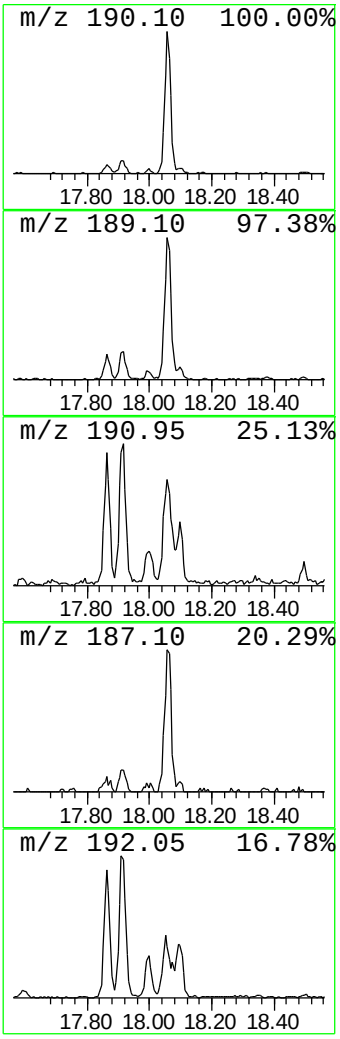
Peak Number 31 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	5.09 ng/ul	519997	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	38





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Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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

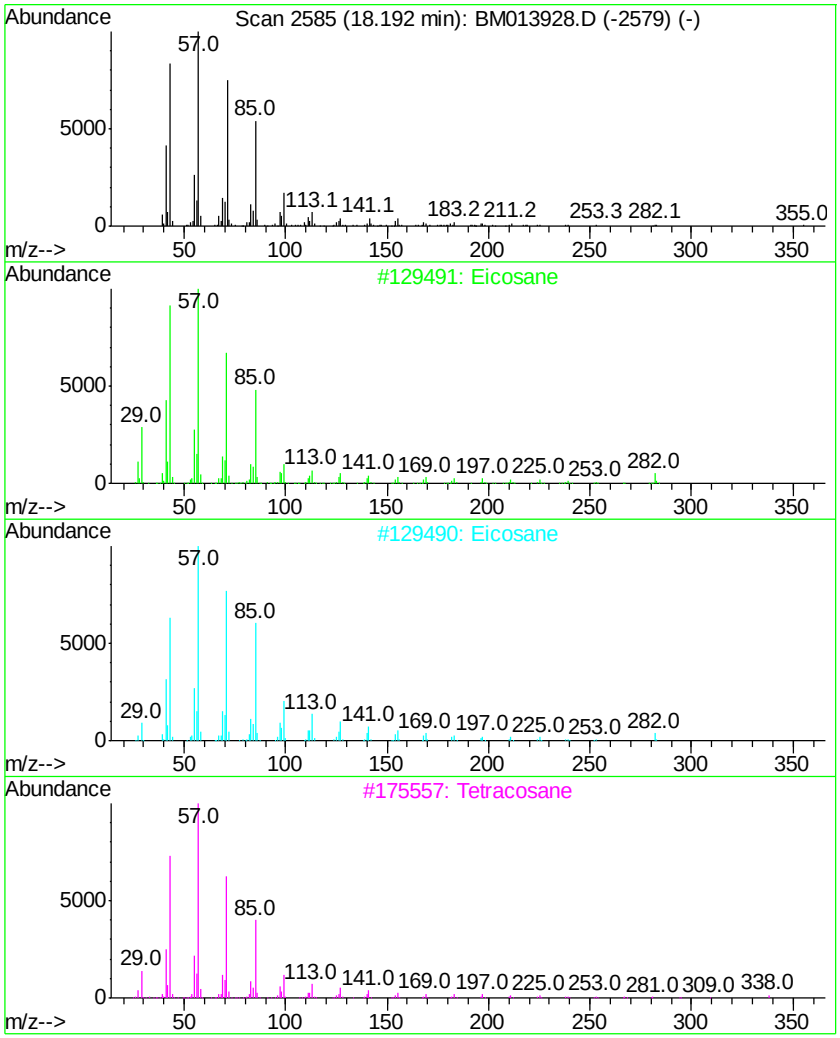
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

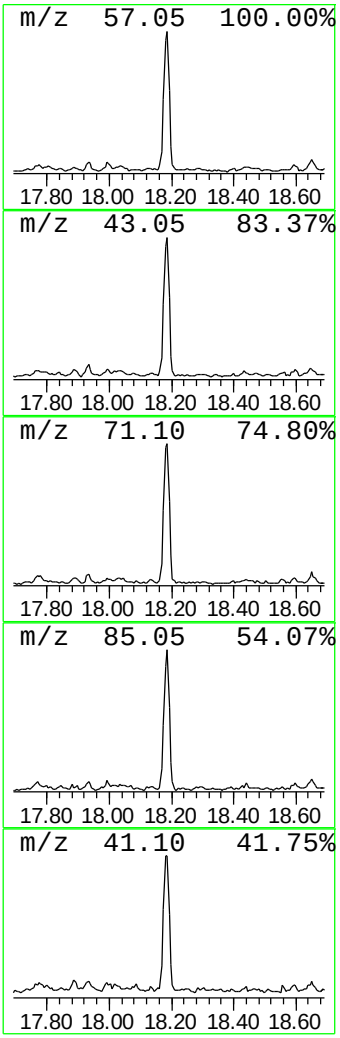
****

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	8.97 ng/ul	916394	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Eicosane	282	C20H42	000112-95-8	97
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

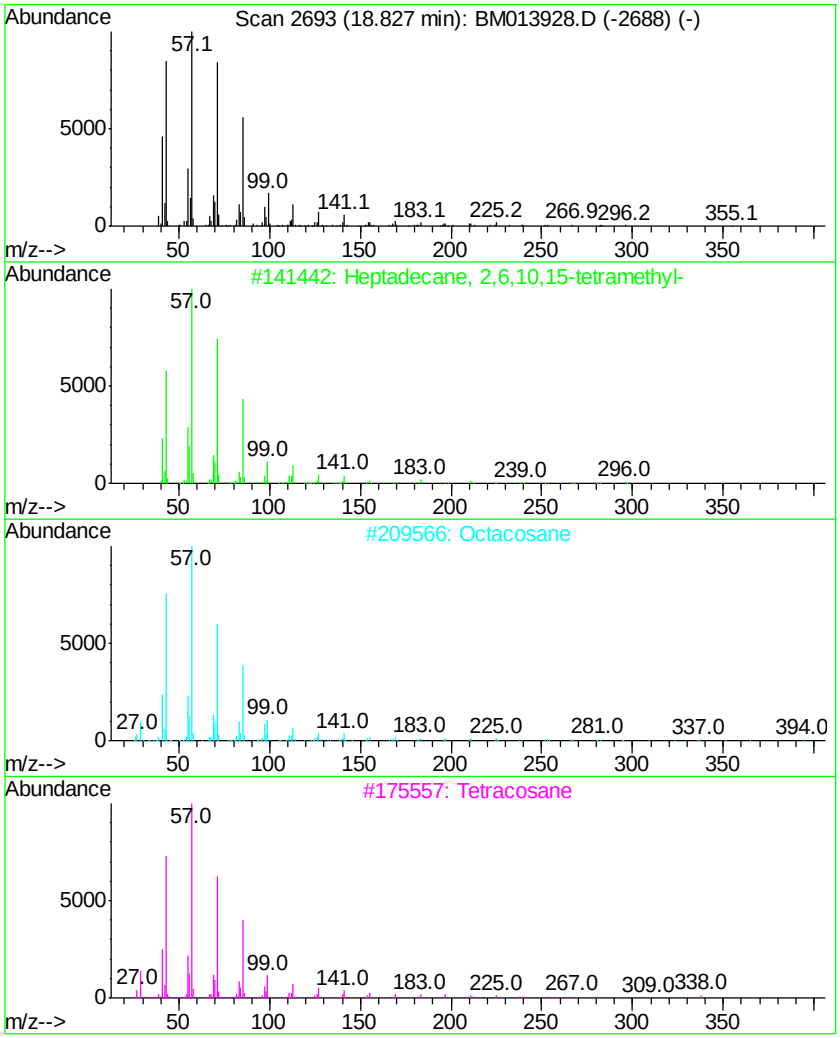
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

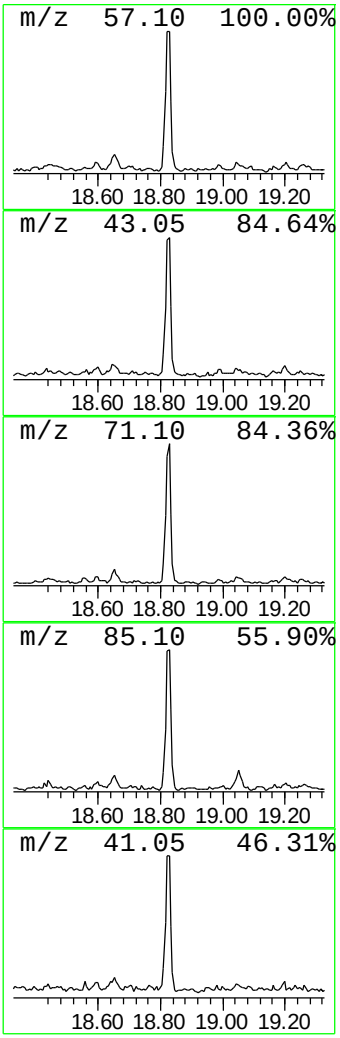
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	6.43 ng/ul	656759	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	96
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

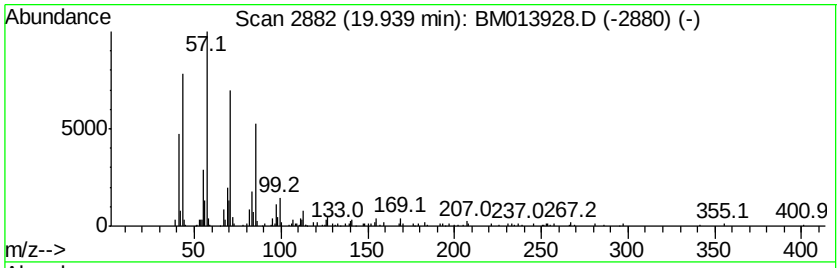
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

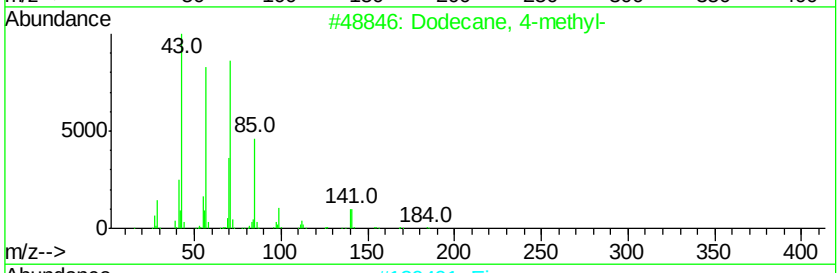
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

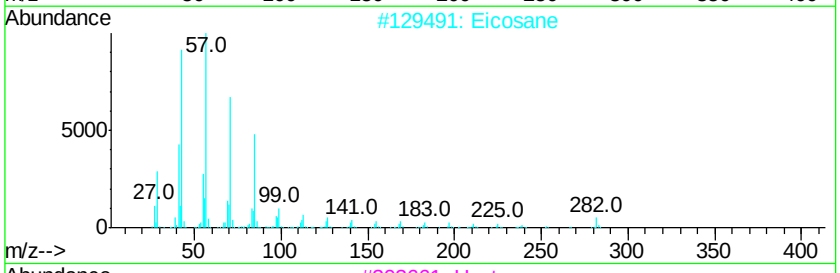
****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 20

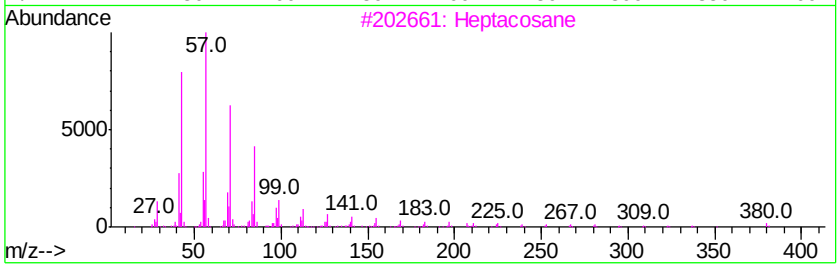
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	3.94 ng/ul	467363	Chrysene-d12	21.19

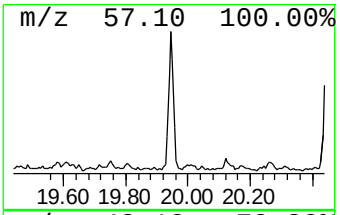
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90

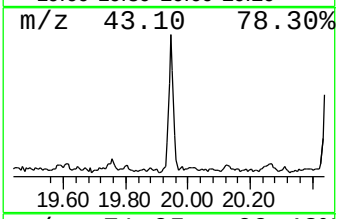


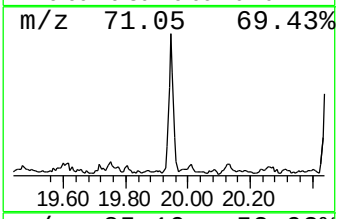


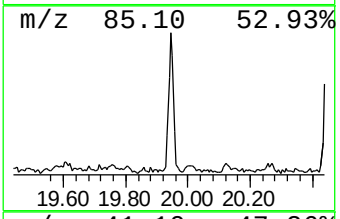


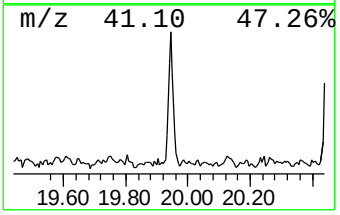












Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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

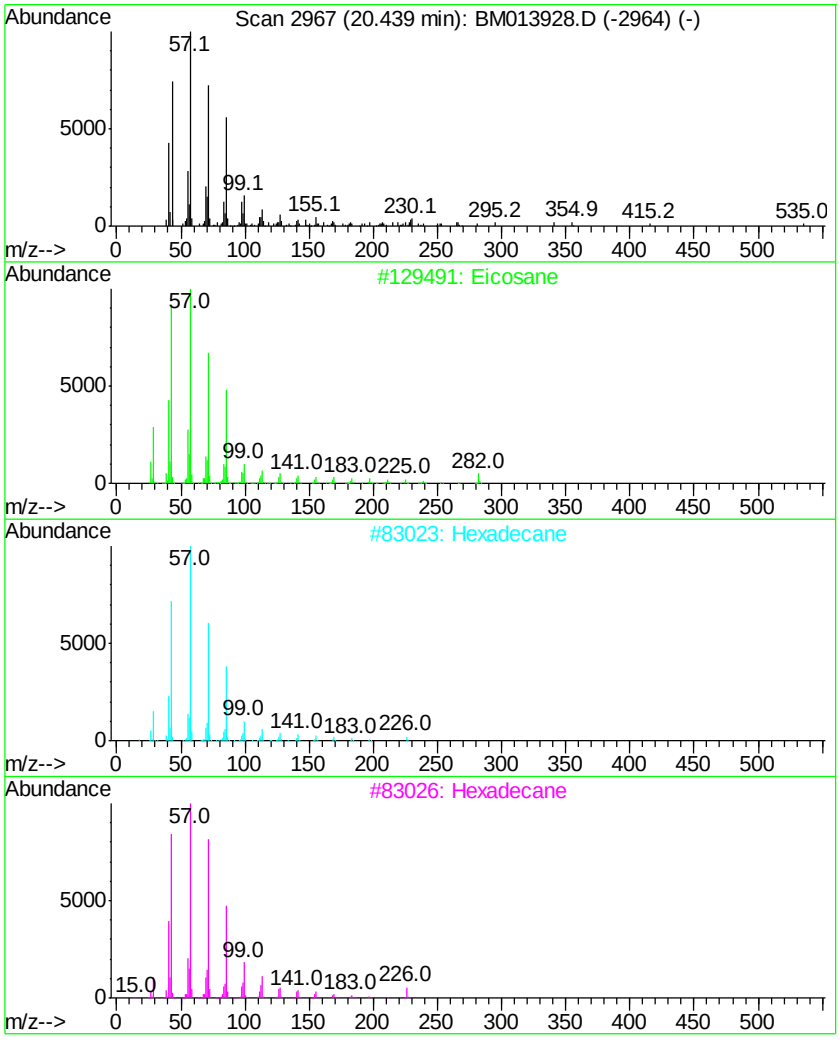
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

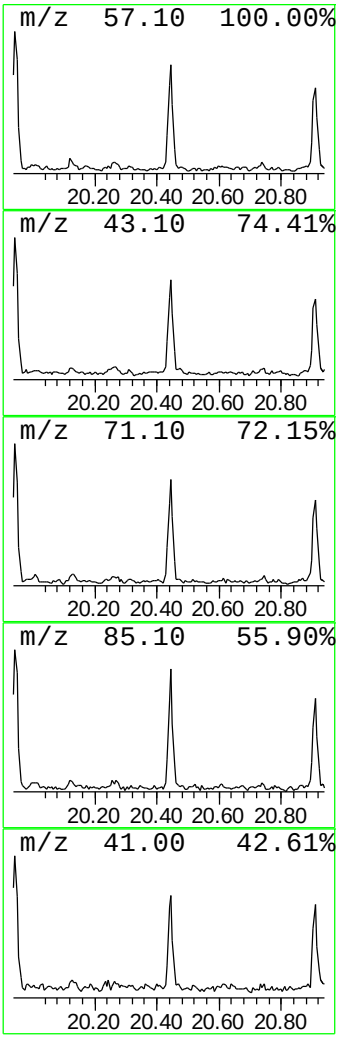
****

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	3.00 ng/ul	355579	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	89
3	Hexadecane	226	C16H34	000544-76-3	87
4	Heneicosane	296	C21H44	000629-94-7	86
5	Triacontane	422	C30H62	000638-68-6	86





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

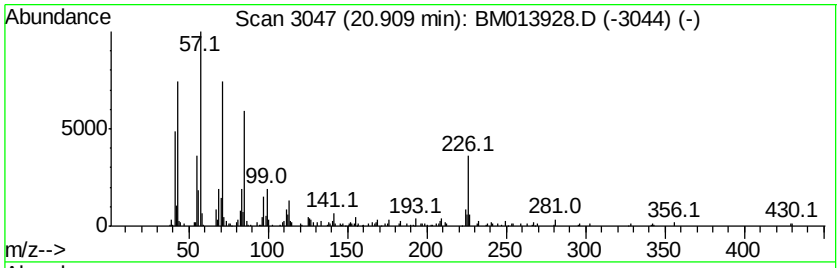
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

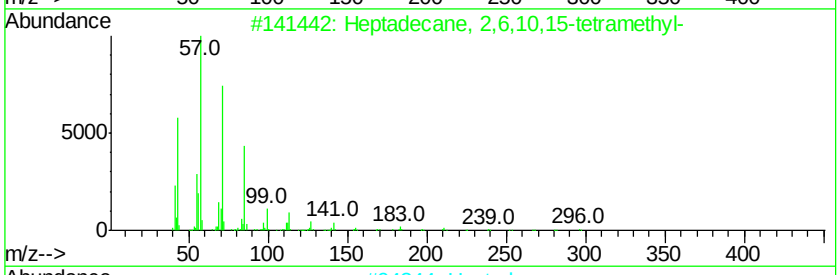
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

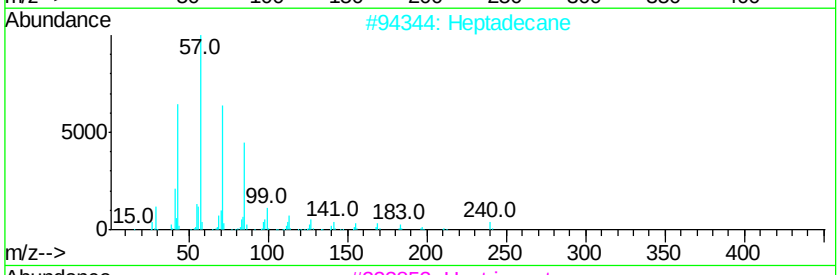
****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 29

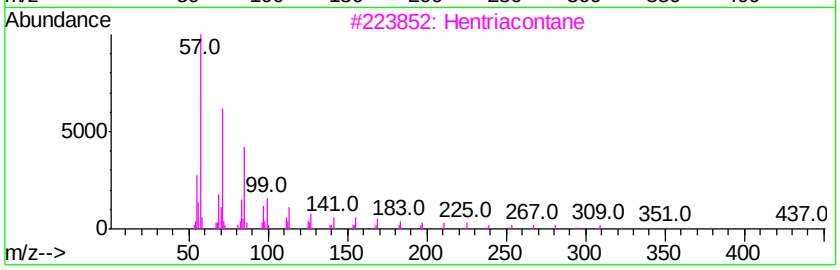
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	2.86 ng/ul	339472	Chrysene-d12	21.19

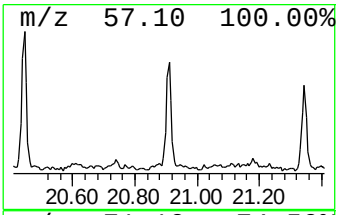
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Heptadecane	240	C17H36	000629-78-7	89
3	Hentriacontane	437	C31H64	000630-04-6	87
4	Hexadecane	226	C16H34	000544-76-3	83
5	Heptacosane	380	C27H56	000593-49-7	83

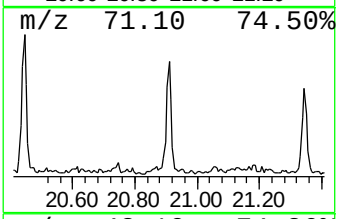


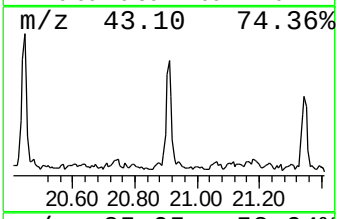


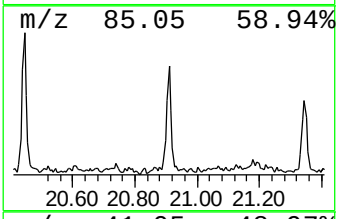


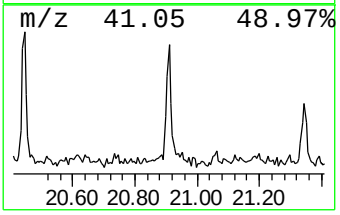












Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_M\DATA\BM012818\
Data File : BM013928.D
Acq On : 28 Jan 2018 18:40
Operator : SJ/JU
Sample : J1223-10MEDL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A76MEDL

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
.alpha.-Pinene	6.26	3.6	ng/ul	152498	1	7.57	837941	20.0
(DEL) Alkane: Str...	7.20	4.8	ng/ul	200756	1	7.57	837941	20.0
Indene	8.10	3.0	ng/ul	127646	1	7.57	837941	20.0
(DEL) Alkane: Str...	8.22	2.6	ng/ul	108461	1	7.57	837941	20.0
(DEL) Alkane: Str...	9.77	3.0	ng/ul	190267	2	10.35	1261660	20.0
(DEL) Alkane: Cyc...	11.05	2.3	ng/ul	146086	2	10.35	1261660	20.0
(DEL) Alkane: Str...	11.26	3.5	ng/ul	223037	2	10.35	1261660	20.0
(DEL) Alkane: Str...	11.37	7.2	ng/ul	452373	2	10.35	1261660	20.0
(DEL) Alkane: Str...	11.78	27.3	ng/ul	1719020	2	10.35	1261660	20.0
Naphthalene, 1-me...	12.25	12.2	ng/ul	769157	2	10.35	1261660	20.0
(DEL) Alkane: Cyc...	12.49	2.2	ng/ul	229608	3	14.23	2047660	20.0
(DEL) Alkane: Str...	12.61	3.1	ng/ul	321579	3	14.23	2047660	20.0
(DEL) Alkane: Str...	12.75	4.1	ng/ul	417985	3	14.23	2047660	20.0
Naphthalene, 2,7-...	13.55	3.5	ng/ul	357388	3	14.23	2047660	20.0
(DEL) Alkane: Str...	13.71	7.0	ng/ul	713569	3	14.23	2047660	20.0
(DEL) Alkane: Str...	13.76	2.0	ng/ul	205705	3	14.23	2047660	20.0
(DEL) Alkane: Str...	14.14	22.0	ng/ul	2254490	3	14.23	2047660	20.0
1-Isopropenylnaph...	14.55	2.3	ng/ul	230975	3	14.23	2047660	20.0
(DEL) Alkane: Str...	14.76	4.4	ng/ul	451994	3	14.23	2047660	20.0
(DEL) Alkane: Str...	15.09	20.5	ng/ul	2096840	3	14.23	2047660	20.0
(DEL) Alkane: Str...	15.50	6.5	ng/ul	667545	3	14.23	2047660	20.0
Dibenzofuran, 4-m...	15.59	3.6	ng/ul	365895	3	14.23	2047660	20.0
(DEL) Alkane: Str...	15.65	2.0	ng/ul	206556	4	16.99	2043480	20.0
2,4,6-Cycloheptat...	15.73	5.4	ng/ul	554876	4	16.99	2043480	20.0
(DEL) Alkane: Str...	15.96	30.8	ng/ul	3150190	4	16.99	2043480	20.0
(DEL) Alkane: Str...	16.75	15.4	ng/ul	1575310	4	16.99	2043480	20.0
Azuleno(2,1-b)thi...	16.80	7.2	ng/ul	737507	4	16.99	2043480	20.0
(DEL) Alkane: Str...	17.49	12.4	ng/ul	1267120	4	16.99	2043480	20.0
Phenanthrene, 2-m...	17.86	2.3	ng/ul	232619	4	16.99	2043480	20.0
Anthracene, 2-met...	17.91	4.0	ng/ul	409308	4	16.99	2043480	20.0
4H-Cyclopenta[def...	18.06	5.1	ng/ul	519997	4	16.99	2043480	20.0
(DEL) Alkane: Str...	18.19	9.0	ng/ul	916394	4	16.99	2043480	20.0
(DEL) Alkane: Str...	18.83	6.4	ng/ul	656759	4	16.99	2043480	20.0
(DEL) Alkane: Str...	19.94	3.9	ng/ul	467363	5	21.19	2372710	20.0
(DEL) Alkane: Str...	20.44	3.0	ng/ul	355579	5	21.19	2372710	20.0
(DEL) Alkane: Str...	20.91	2.9	ng/ul	339472	5	21.19	2372710	20.0