LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100617\
Data File : BM011940.D
Acq On : 06 Oct 2017 15:10
Operator : SJ/JU
Sample : I5449-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

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-BM100317.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	4.022	154	159	165	rBV	238166	333969	2.25%	0.174%
2	4.246	192	197	208	rBV2	127506	202471	1.36%	0.106%
3	5.487	402	408	418	rBV	269382	575001	3.88%	0.300%
4	5.857	464	471	476	rBV2	343382	529950	3.57%	0.276%
5	6.834	632	637	642	rBV2	140603	215967	1.46%	0.113%
6	6.934	650	654	659	rVV	191950	298166	2.01%	0.155%
7	7.016	659	668	674	rVV	956746	1967777	13.26%	1.026%
8	7.069	674	677	683	rVB	150357	237163	1.60%	0.124%
9	7.187	689	697	702	rBV	719856	1198517	8.08%	0.625%
10	7.387	725	731	738	rVB	1032664	1682392	11.34%	0.877%
11	7.463	739	744	747	rVV	579303	833047	5.62%	0.434%
12	7.498	747	750	757	rVB	361130	525217	3.54%	0.274%
13	7.757	785	794	799	rBV6	68676	193595	1.30%	0.101%
14	7.857	806	811	819	rVB	995738	1582120	10.66%	0.825%
15	7.969	825	830	837	rBV3	170586	383868	2.59%	0.200%
16	8.398	896	903	914	rVB4	233133	577763	3.89%	0.301%
17	8.492	914	919	925	rBV3	242473	461051	3.11%	0.240%
18	8.563	925	931	937	rBV	1041241	1741003	11.74%	0.908%
19	8.957	986	998	1003	rBV3	230330	517748	3.49%	0.270%
20	9.022	1003	1009	1014	rBV	901579	1599175	10.78%	0.834%
21	9.069	1014	1017	1022	rVB	483876	706749	4.76%	0.369%
22	9.204	1029	1040	1048	rVB	110471	340212	2.29%	0.177%
23	9.304	1049	1057	1068	rBV9	61707	222018	1.50%	0.116%
24	9.539	1092	1097	1100	rVV3	107680	191636	1.29%	0.100%
25	9.575	1100	1103	1114	rVB5	88276	199255	1.34%	0.104%
26	9.745	1125	1132	1143	rVB	828566	1530874	10.32%	0.798%
27	9.833	1143	1147	1155	rBV6	85758	231622	1.56%	0.121%
28	10.063	1180	1186	1192	rBV3	117904	247060	1.67%	0.129%
29	10.281	1217	1223	1231	rVV	1183726	2073773	13.98%	1.081%
30	10.363	1231	1237	1244	rVB5	102248	216868	1.46%	0.113%
31	10.616	1275	1280	1283	rBV	213097	335533	2.26%	0.175%
32	10.663	1283	1288	1293	rVV	1303906	2238061	15.09%	1.167%
33	10.710	1293	1296	1302	rVB	297870	468208	3.16%	0.244%
34	10.804	1306	1312	1317	rBV	233572	383315	2.58%	0.200%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100617\
Data File : BM011940.D
Acq On : 06 Oct 2017 15:10
Operator : SJ/JU
Sample : I5449-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

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-BM100317.M
Title : SVOA CALIBRATION

35	11.475	1420	1426	1436	rVV	791331	1400267	9.44%	0.730%
36	12.069	1521	1527	1532	rBV	163036	240090	1.62%	0.125%
37	12.322	1566	1570	1576	rVB	185358	287911	1.94%	0.150%
38	13.310	1734	1738	1747	rVB2	186780	357165	2.41%	0.186%
39	13.821	1820	1825	1830	rBV2	136079	245436	1.65%	0.128%
40	13.904	1830	1839	1844	rVV	1936640	2981452	20.10%	1.555%
41	13.951	1844	1847	1854	rVB	862794	1281519	8.64%	0.668%
42	14.198	1883	1889	1901	rVB	2154519	3519875	23.73%	1.835%
43	14.386	1917	1921	1929	rVB	217955	313546	2.11%	0.163%
44	14.504	1930	1941	1947	rVV2	1737344	2882666	19.43%	1.503%
45	14.563	1947	1951	1958	rVB	307444	516671	3.48%	0.269%
46	14.704	1969	1975	1985	rBV2	469102	934159	6.30%	0.487%
47	14.898	2003	2008	2017	rVB2	354718	595456	4.01%	0.310%
48	15.116	2040	2045	2050	rBV3	114616	212718	1.43%	0.111%
49	15.333	2078	2082	2087	rVB2	225776	308041	2.08%	0.161%
50	15.492	2104	2109	2114	rBV	2654107	3756511	25.32%	1.959%
51	15.545	2114	2118	2125	rVB	250227	371783	2.51%	0.194%
52	15.615	2125	2130	2137	rBV	634570	920213	6.20%	0.480%
53	15.839	2164	2168	2174	rVB	163385	244274	1.65%	0.127%
54	15.986	2190	2193	2201	rVB	126173	220489	1.49%	0.115%
55	16.198	2225	2229	2231	rBV	308603	433608	2.92%	0.226%
56	16.633	2300	2303	2310	rVV5	127698	229000	1.54%	0.119%
57	16.815	2332	2334	2343	rVB2	123309	206485	1.39%	0.108%
58	16.904	2344	2349	2355	rBV	294569	441262	2.97%	0.230%
59	16.986	2358	2363	2368	rVV4	259843	415911	2.80%	0.217%
60	17.062	2373	2376	2383	rVB	241076	376715	2.54%	0.196%
61	17.245	2402	2407	2410	rBV2	2036583	2897232	19.53%	1.511%
62	17.286	2410	2414	2419	rVV	4576951	6573136	44.31%	3.427%
63	17.345	2419	2424	2427	rVV2	2777070	3943549	26.58%	2.056%
64	17.380	2427	2430	2435	rVB	943147	1264851	8.53%	0.660%
65	17.651	2472	2476	2485	rVB	266196	459615	3.10%	0.240%
66	17.721	2485	2488	2492	rVV2	201824	233919	1.58%	0.122%
67	18.127	2551	2557	2561	rBV2	3095105	4617653	31.13%	2.408%
68	18.168	2561	2564	2567	rVV	1140807	1580499	10.65%	0.824%
69	18.198	2567	2569	2573	rVV	394934	476436	3.21%	0.248%
70	18.245	2574	2577	2583	rVV	318560	478014	3.22%	0.249%
71	18.315	2583	2589	2593	rVV2	921953	1887630	12.72%	0.984%

LSC Area Percent Report

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Acq On : 06 Oct 2017 15:10
Operator : SJ/JU
Sample : I5449-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

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-BM100317.M
Title : SVOA CALIBRATION

72	18.351	2593	2595	2601	rVB	612781	744762	5.02%	0.388%
73	18.415	2603	2606	2611	rBV4	313277	455124	3.07%	0.237%
74	18.615	2637	2640	2644	rVV	594732	760119	5.12%	0.396%
75	18.662	2645	2648	2654	rVB2	484248	668753	4.51%	0.349%
76	18.915	2688	2691	2694	rVB	248157	285308	1.92%	0.149%
77	19.039	2707	2712	2717	rBV2	764171	1449559	9.77%	0.756%
78	19.180	2732	2736	2744	rBV3	507206	939057	6.33%	0.490%
79	19.303	2750	2757	2762	rVB	8502945	12260496	82.64%	6.393%
80	19.403	2770	2774	2785	rBV2	4037825	5467495	36.85%	2.851%
81	19.633	2808	2813	2816	rBV2	4309705	6911906	46.59%	3.604%
82	19.668	2816	2819	2826	rVB	7797569	10187903	68.67%	5.312%
83	19.733	2826	2830	2835	rBV3	590849	914293	6.16%	0.477%
84	20.156	2900	2902	2906	rVB	1118675	1181766	7.97%	0.616%
85	20.198	2906	2909	2912	rBV2	659798	794410	5.35%	0.414%
86	20.227	2912	2914	2916	rBV	473522	459094	3.09%	0.239%
87	20.662	2985	2988	2993	rVB2	1036859	1299797	8.76%	0.678%
88	20.903	3026	3029	3034	rBV	808199	1017069	6.86%	0.530%
89	20.980	3039	3042	3048	rVB2	1158190	1507162	10.16%	0.786%
90	21.103	3059	3063	3068	rVB2	4134894	5329703	35.93%	2.779%
91	21.321	3097	3100	3103	rBV2	891532	889932	6.00%	0.464%
92	21.409	3110	3115	3120	rBV2	5706535	11217230	75.61%	5.849%
93	21.462	3120	3124	3133	rVB	4591681	6631341	44.70%	3.458%
94	23.050	3388	3394	3406	rVB	5567526	14835534	100.00%	7.736%
95	23.550	3474	3479	3483	rBV	2426524	4464277	30.09%	2.328%
96	23.603	3484	3488	3491	rVV2	2527691	4657195	31.39%	2.428%
97	23.650	3492	3496	3502	rVB	3863755	6693896	45.12%	3.490%
98	23.750	3509	3513	3517	rVB	1370201	2137347	14.41%	1.114%
99	24.362	3612	3617	3625	rVB	2854191	5797021	39.08%	3.023%
100	26.132	3911	3918	3931	rVB	2909684	8673140	58.46%	4.522%

Sum of corrected areas: 191777590

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100617\
Data File : BM011940.D
Acq On : 06 Oct 2017 15:10
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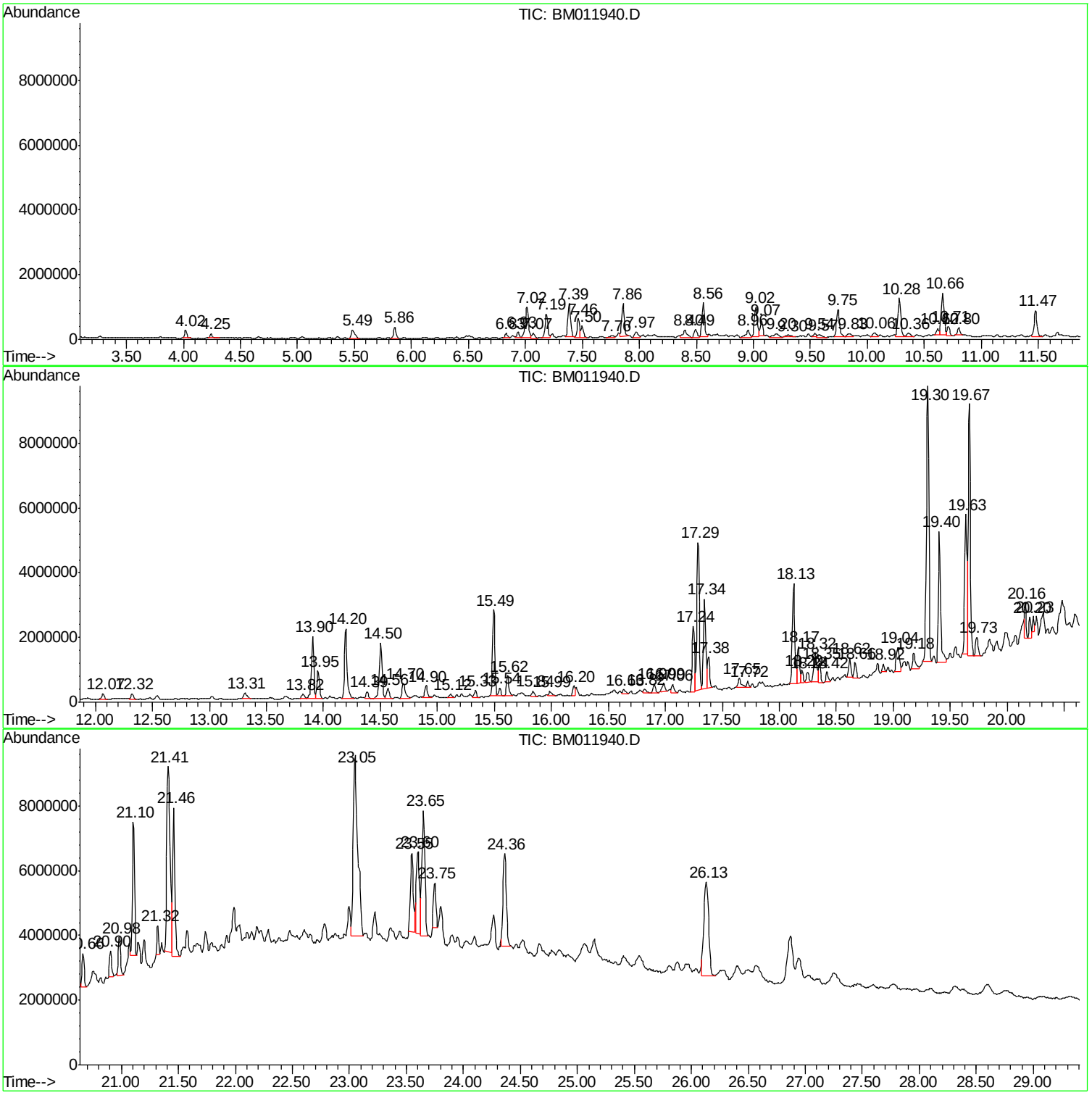
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-60(FILL)-092617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100617\
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Operator : SJ/JU
Sample : I5449-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

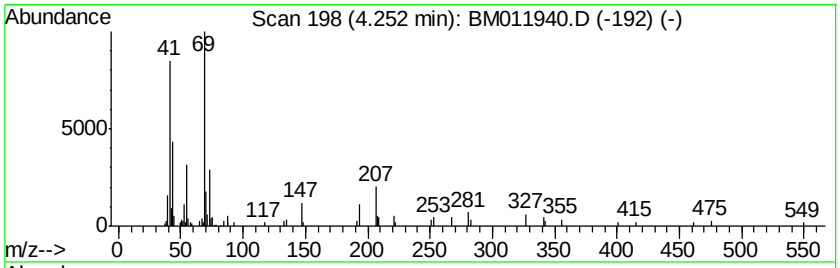
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

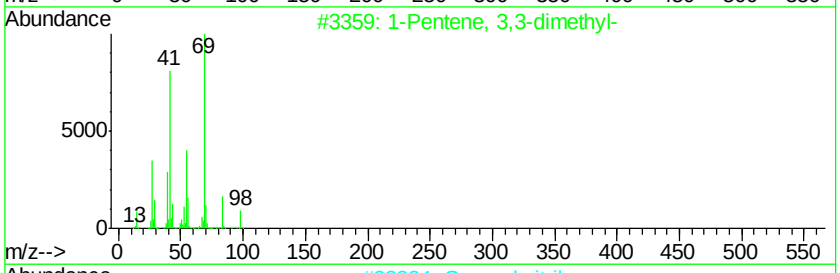
****

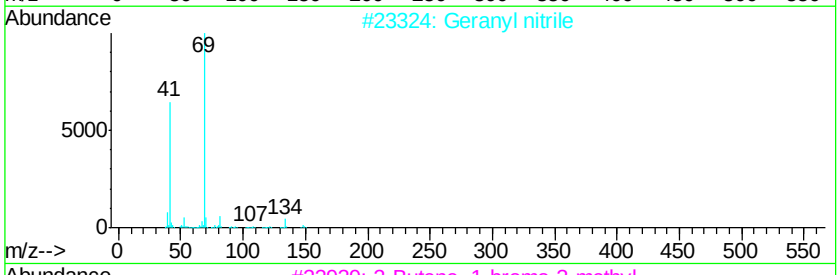
Peak Number 2 (DEL) Alkane: Cyclic4.25 Concentration Rank 31

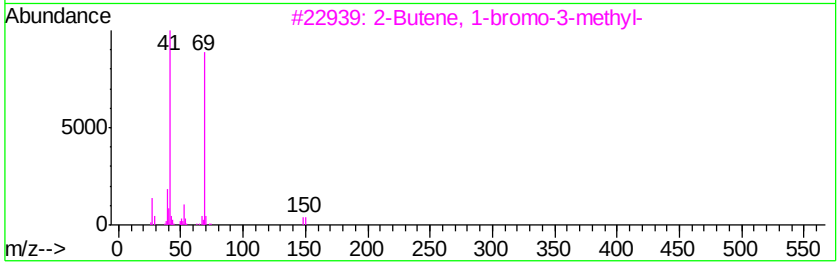
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.25	2.56 ng/ul	202471	1,4-Dichlorobenzene-d4	7.86

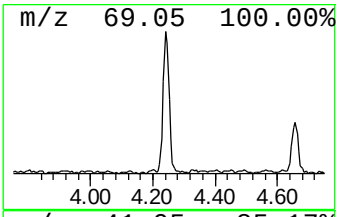
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	50
2	Geranyl nitrile	149	C10H15N	101660-61-1	50
3	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	50
4	1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	40
5	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	40

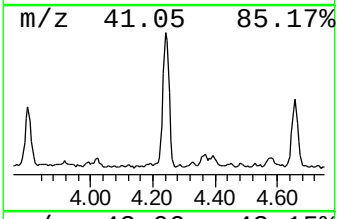


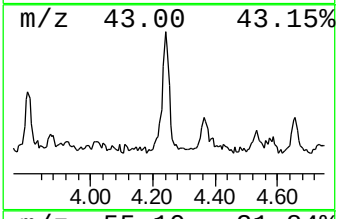


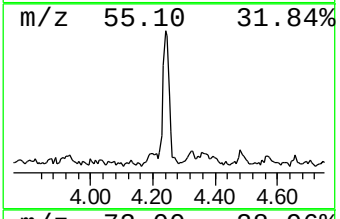


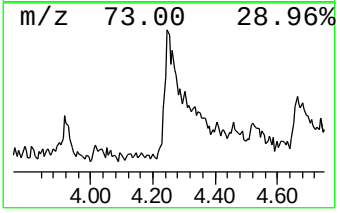












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100617\
Data File : BM011940.D
Acq On : 06 Oct 2017 15:10
Operator : SJ/JU
Sample : I5449-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

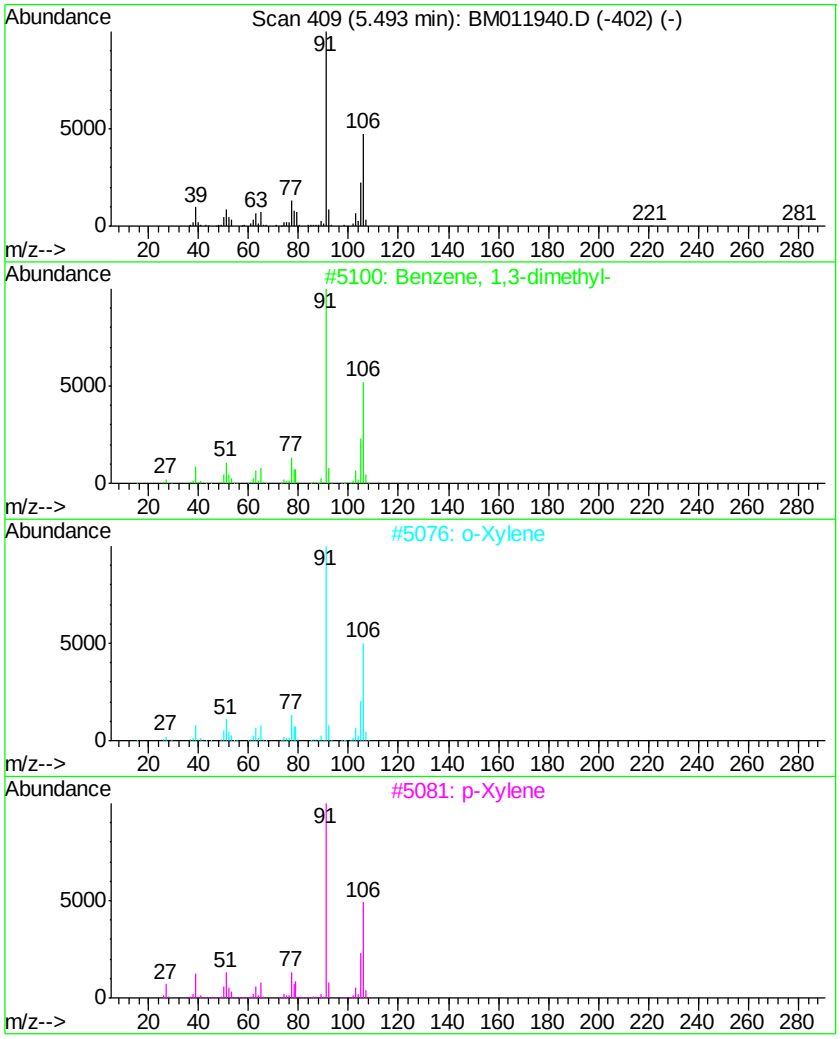
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

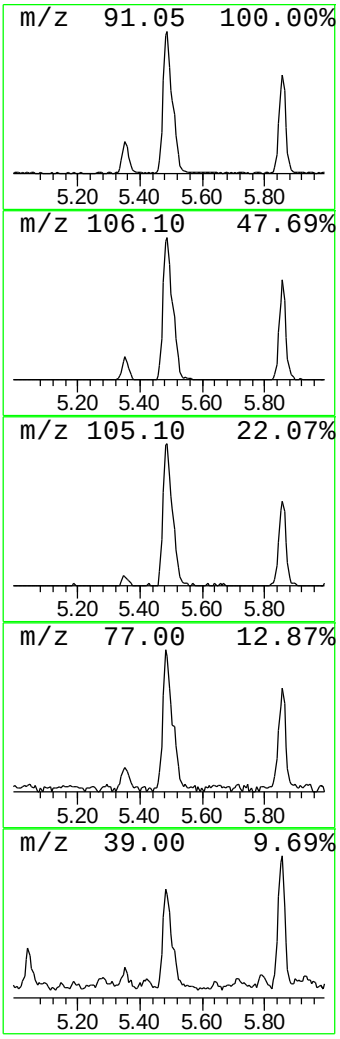
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.49	7.27 ng/ul	575001	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100617\
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Sample : I5449-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

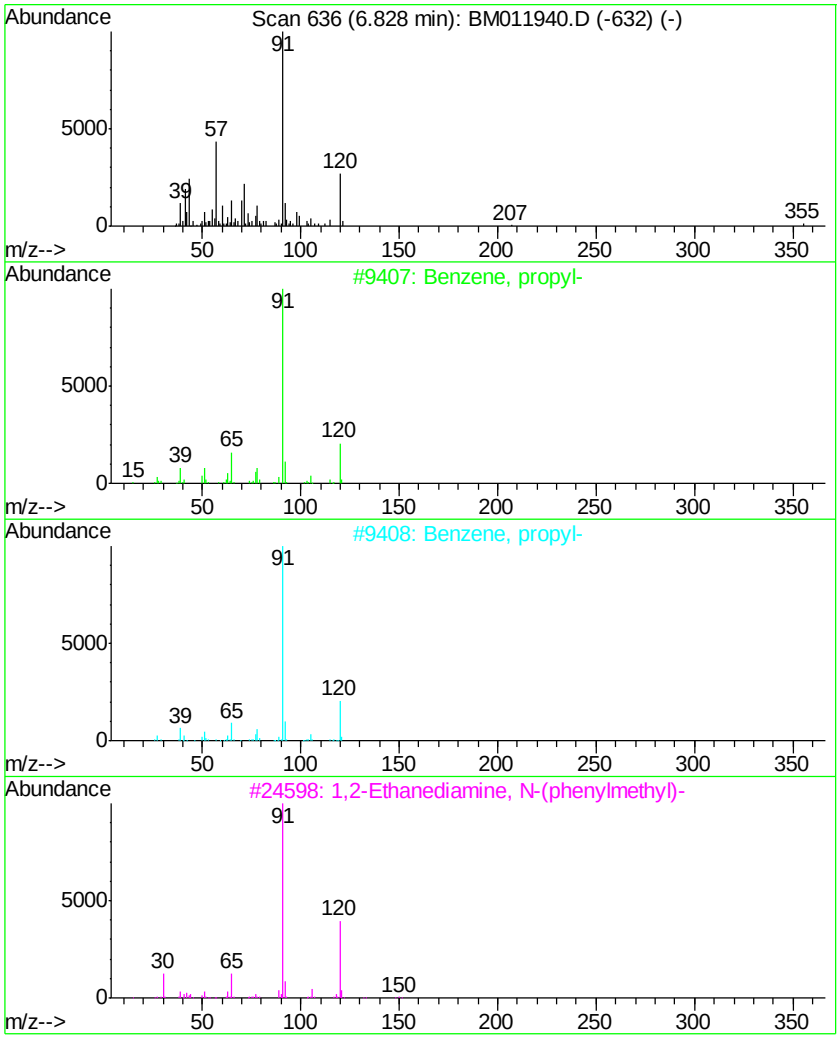
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

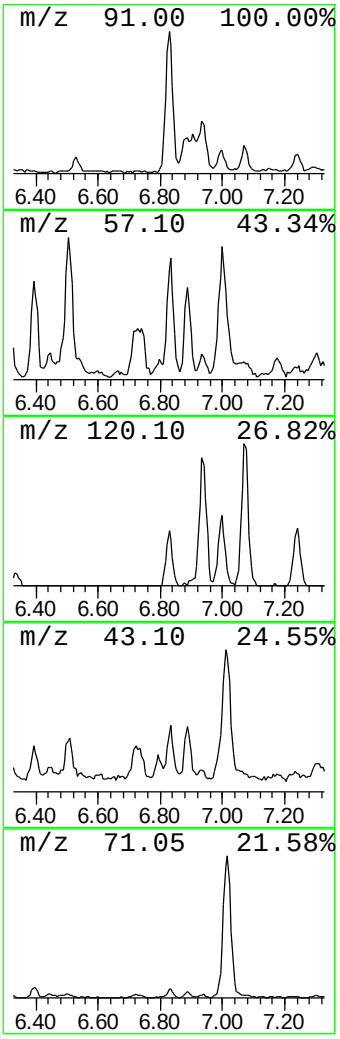
****

Peak Number 5 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	2.73 ng/ul	215967	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	46
2	Benzene, propyl-	120	C9H12	000103-65-1	41
3	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	38
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	38
5	Benzene, propyl-	120	C9H12	000103-65-1	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100617\
Data File : BM011940.D
Acq On : 06 Oct 2017 15:10
Operator : SJ/JU
Sample : I5449-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

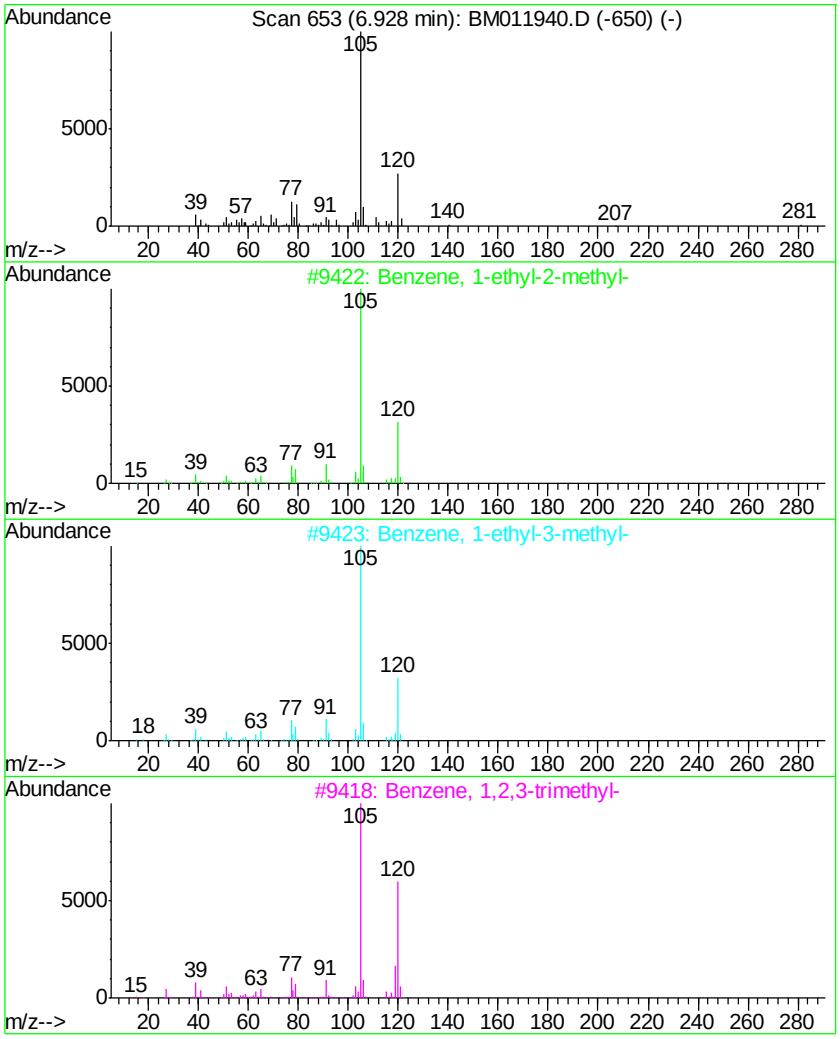
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

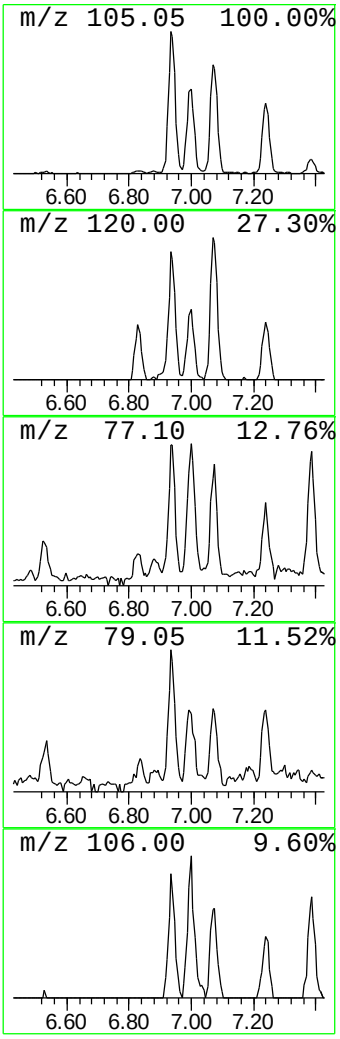
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	3.77 ng/ul	298166	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4	Mesitylene	120	C9H12	000108-67-8	90
5	Mesitylene	120	C9H12	000108-67-8	90





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Operator : SJ/JU
Sample : I5449-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

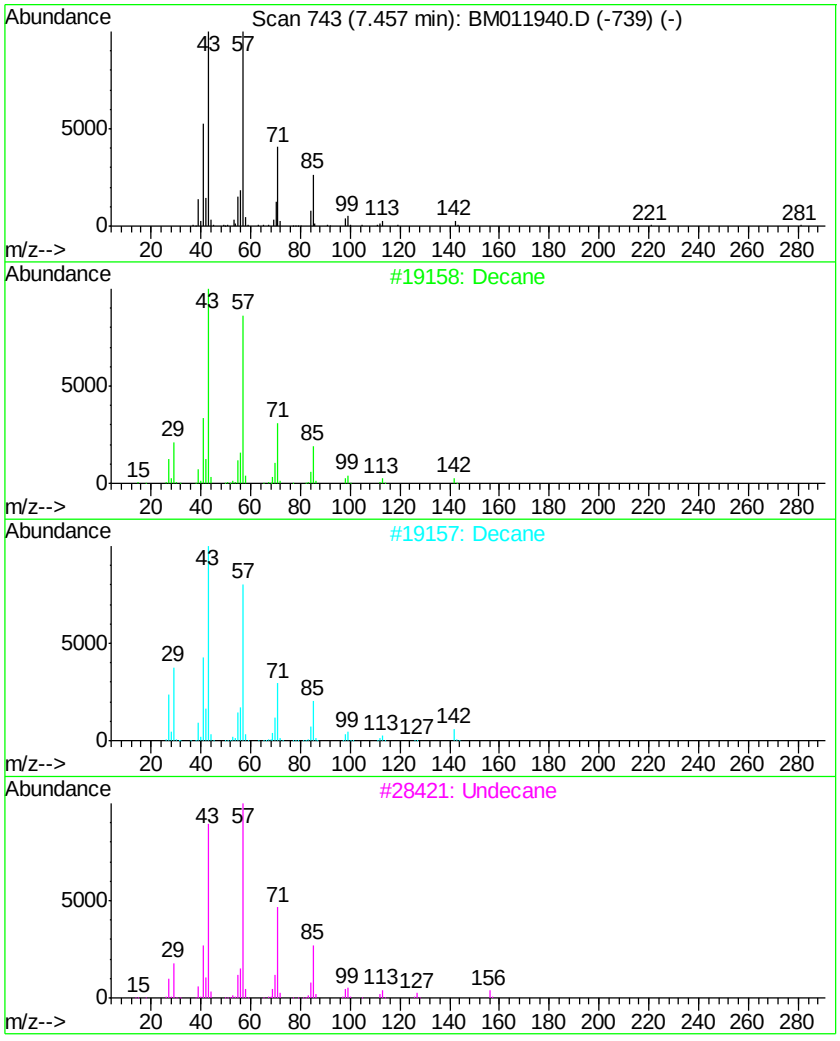
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

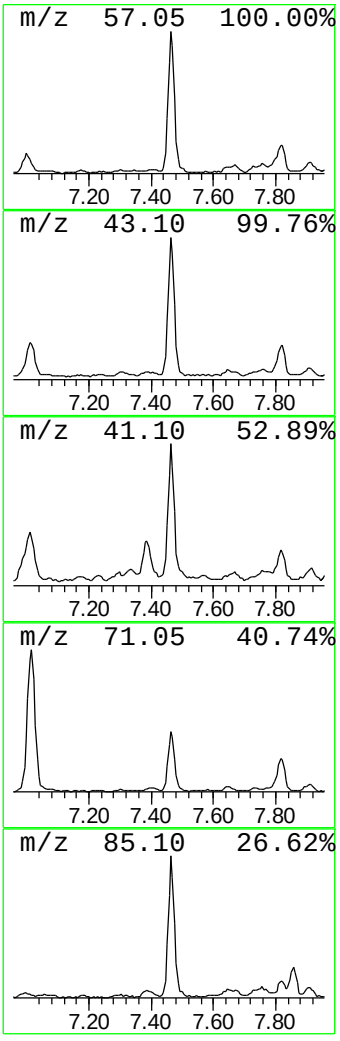
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	10.53 ng/ul	833047	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	93
2	Decane	142	C10H22	000124-18-5	90
3	Undecane	156	C11H24	001120-21-4	90
4	Tridecane	184	C13H28	000629-50-5	83
5	Decane	142	C10H22	000124-18-5	78





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Sample : I5449-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

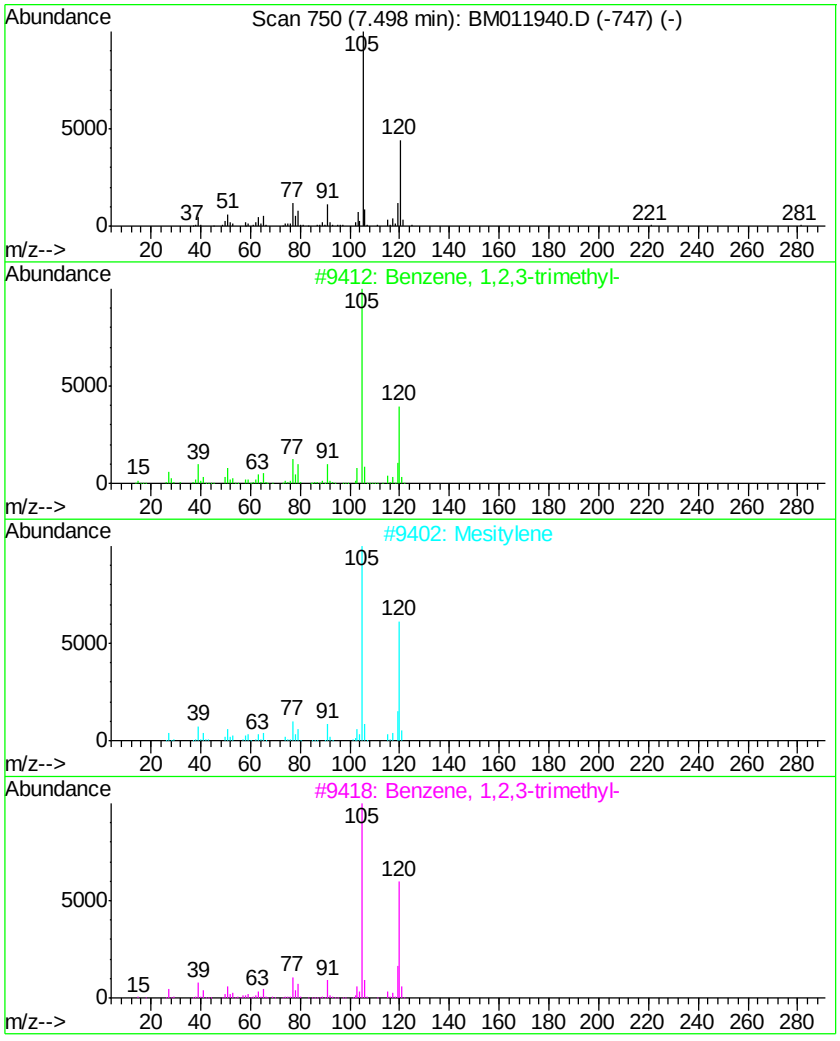
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

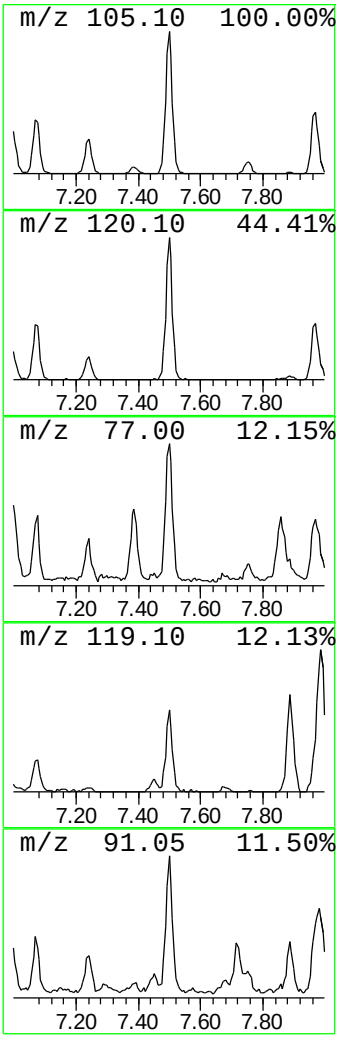
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	6.64 ng/ul	525217	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Sample : I5449-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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

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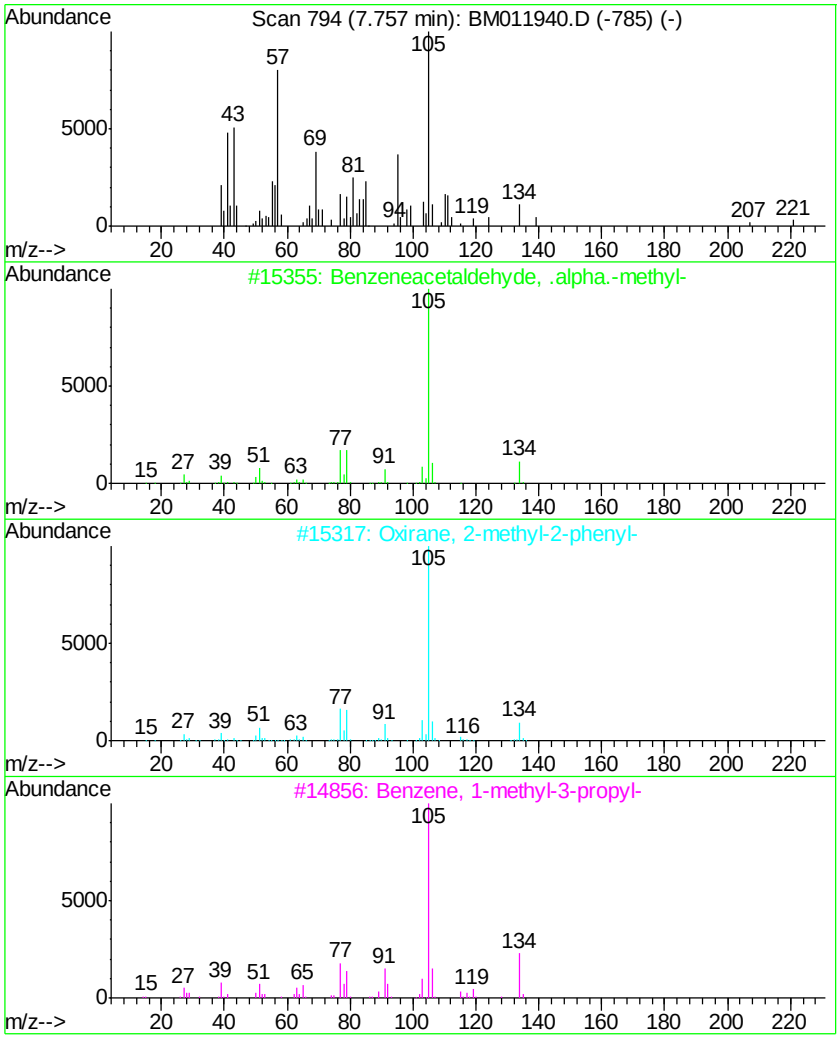
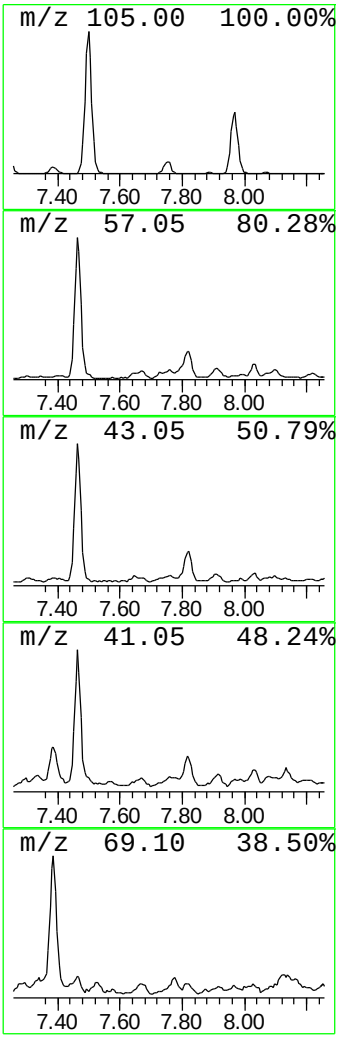
Peak Number 9 unknown-02 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	2.45 ng/ul	193595	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	30
2	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	25
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	25
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	25
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	25





Library Search Compound Report

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Operator : SJ/JU
Sample : I5449-03
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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

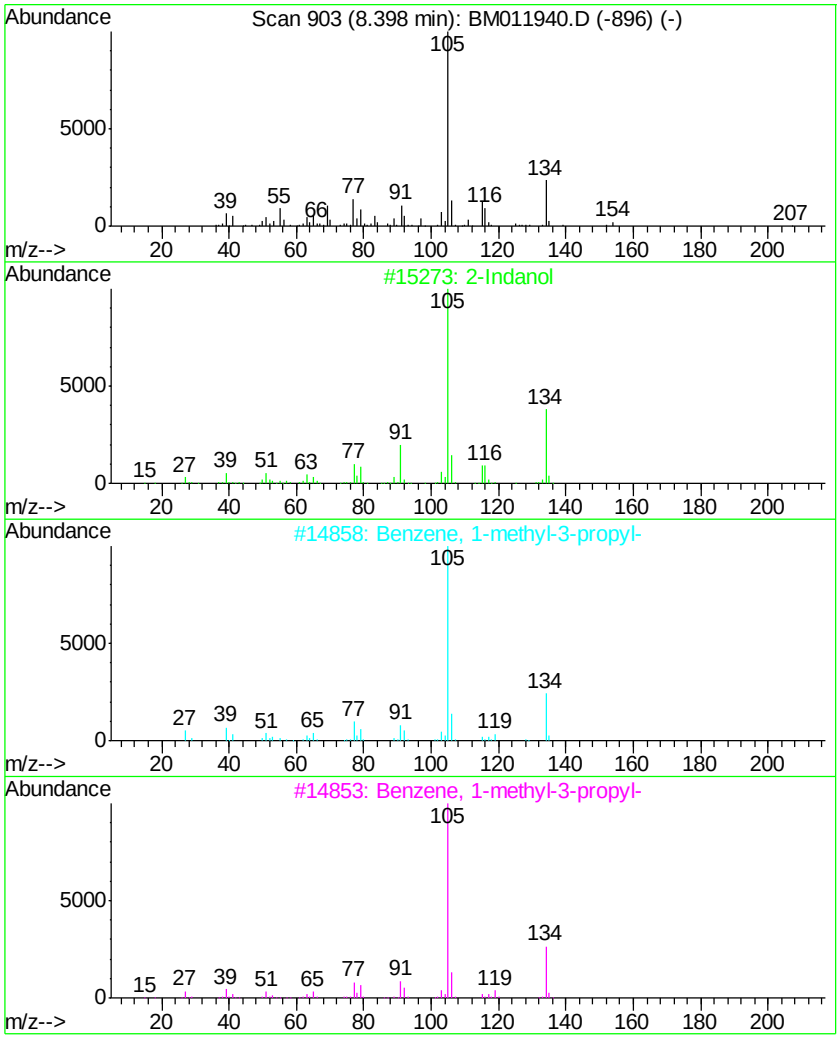
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

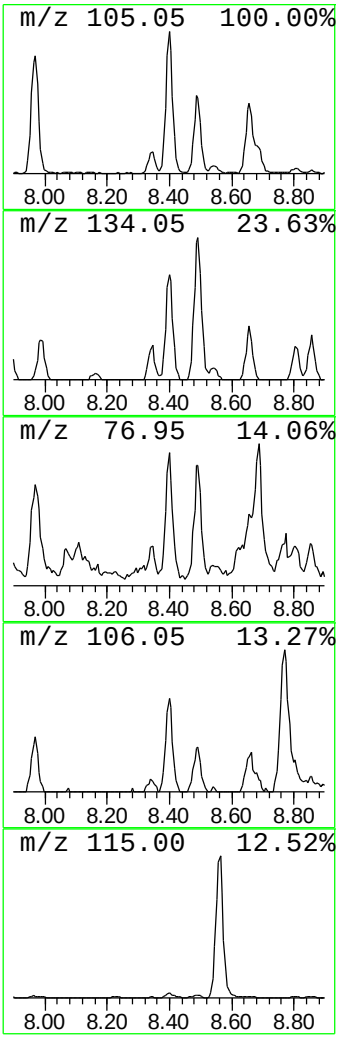
****

Peak Number 11 2-Indanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	7.30 ng/ul	577763	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Indanol	134	C9H10O	004254-29-9	81
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	70
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	70
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	70
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	70





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Sample : I5449-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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

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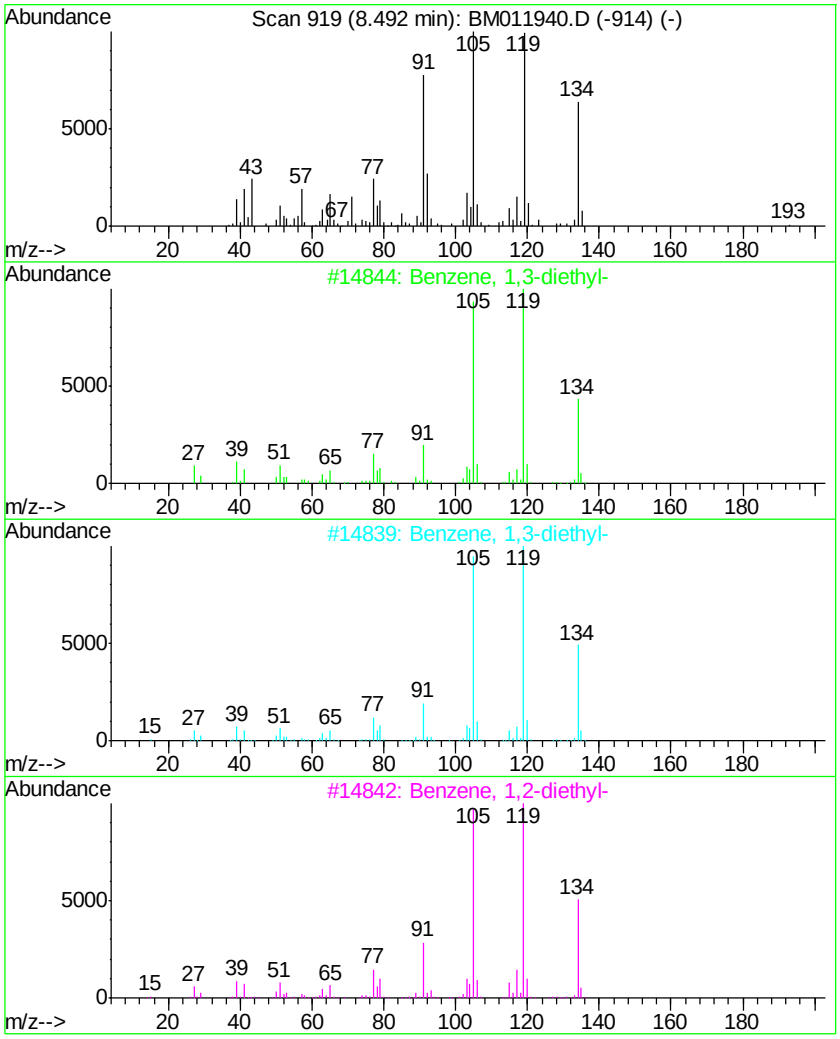
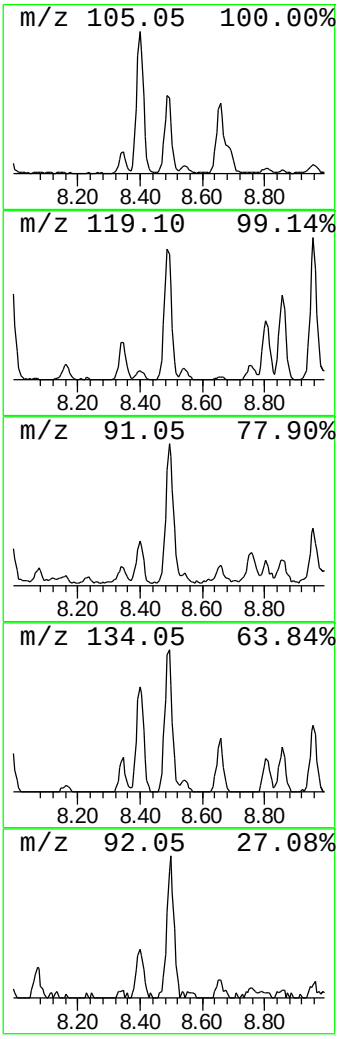
Peak Number 12 Benzene, 1,3-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	5.83 ng/ul	461051	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





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Acq On : 06 Oct 2017 15:10
Operator : SJ/JU
Sample : I5449-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

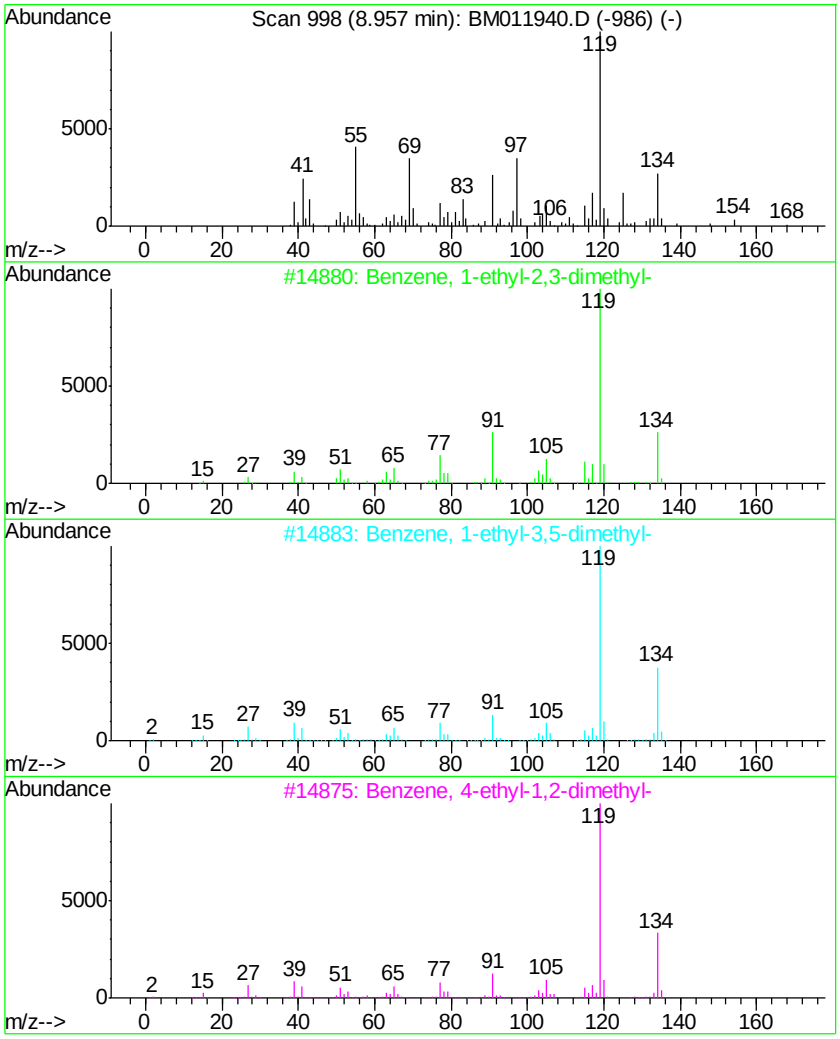
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

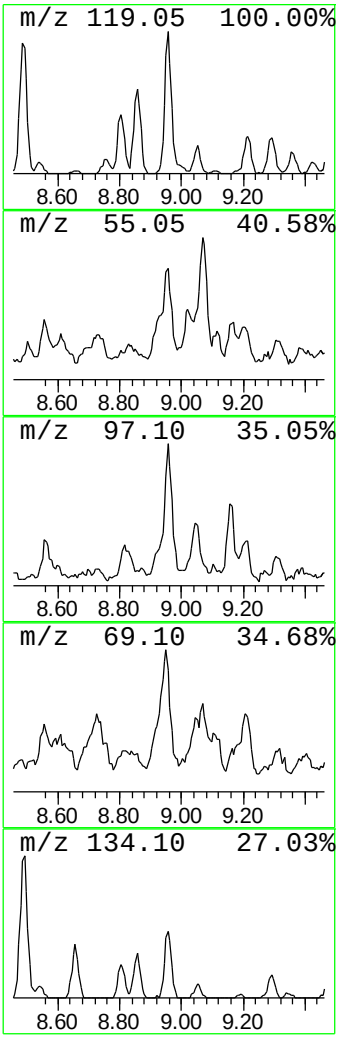
****

Peak Number 13 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	6.54 ng/ul	517748	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70





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Acq On : 06 Oct 2017 15:10
Operator : SJ/JU
Sample : I5449-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

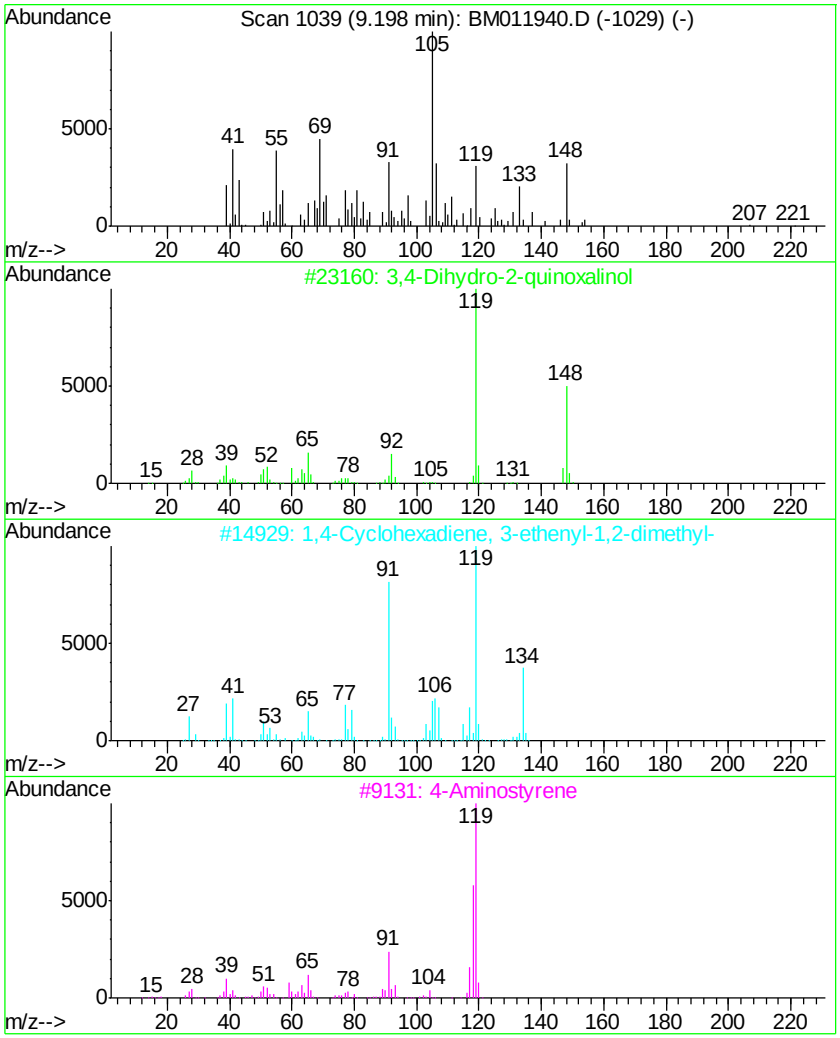
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

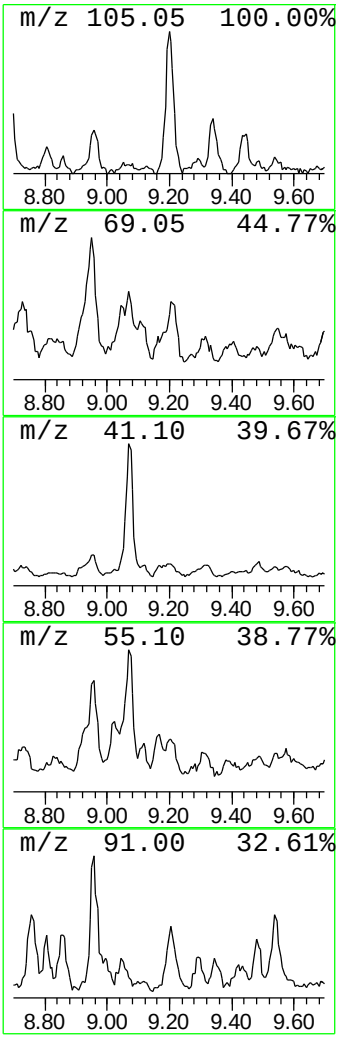
****

Peak Number 14 unknown-03 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	4.30 ng/ul	340212	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dihydro-2-quinoxalinol	148	C8H8N2O	1000332-36-8	25
2	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	22
3	4-Aminostyrene	119	C8H9N	001520-21-4	18
4	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	15
5	Benzoyl chloride, 3-methyl-	154	C8H7ClO	001711-06-4	15





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

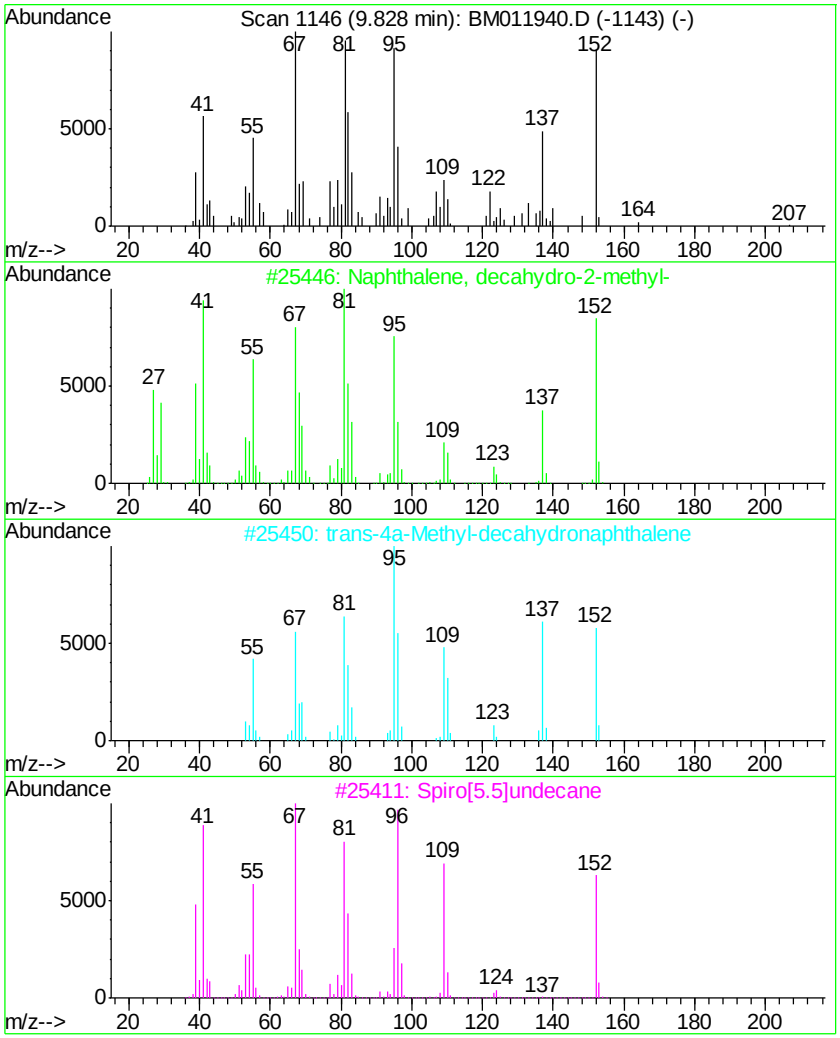
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

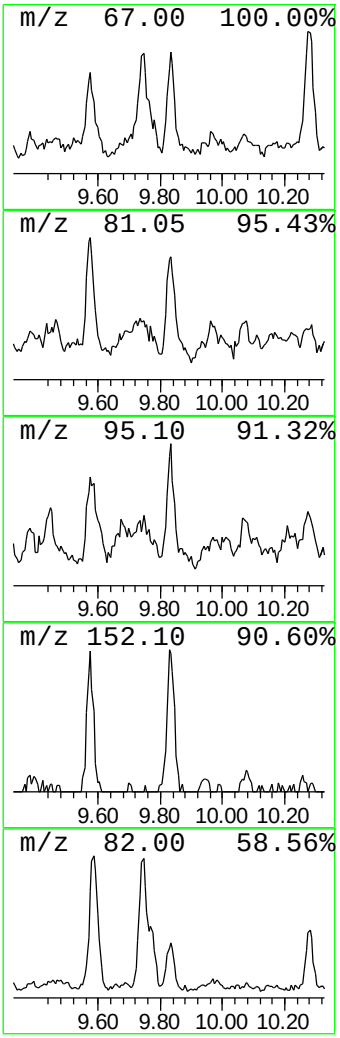
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, decahydro-2-me... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	2.07 ng/ul	231622	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	70
3	Spiro[5.5]undecane	152	C11H20	000180-43-8	60
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	58
5	4,5-Nonadiene	124	C9H16	000821-74-9	53





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Sample : I5449-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

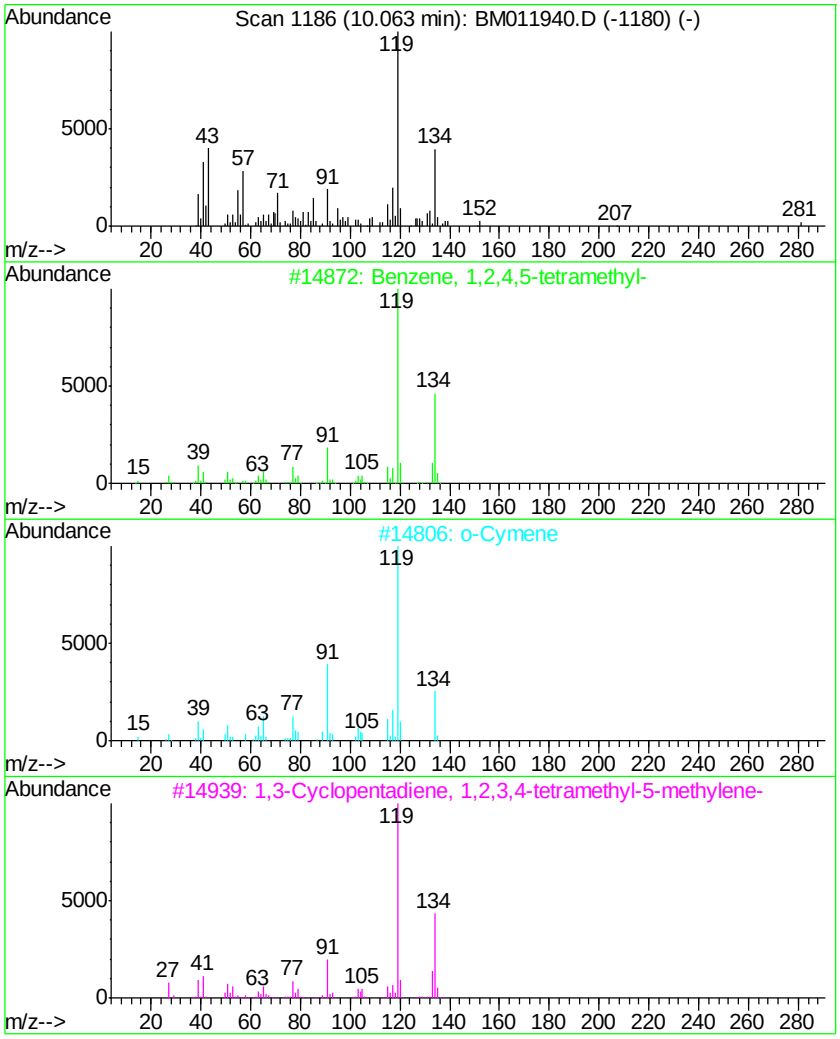
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

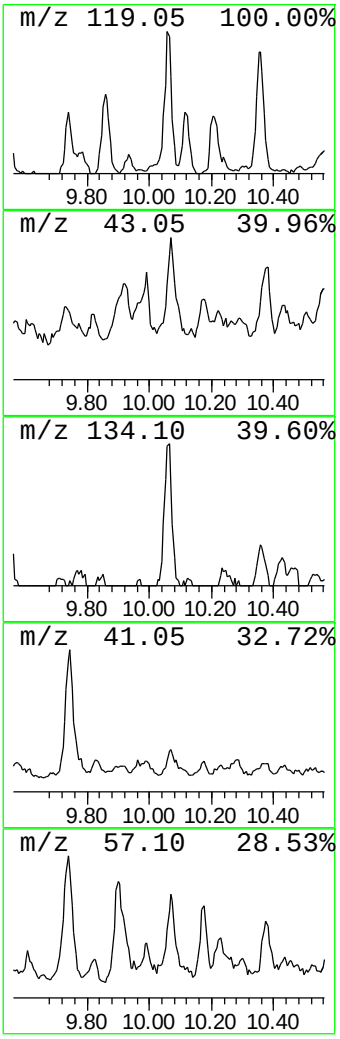
****

Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	2.21 ng/ul	247060	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
2	o-Cymene	134	C10H14	000527-84-4	70
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	62
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	62
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	62





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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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

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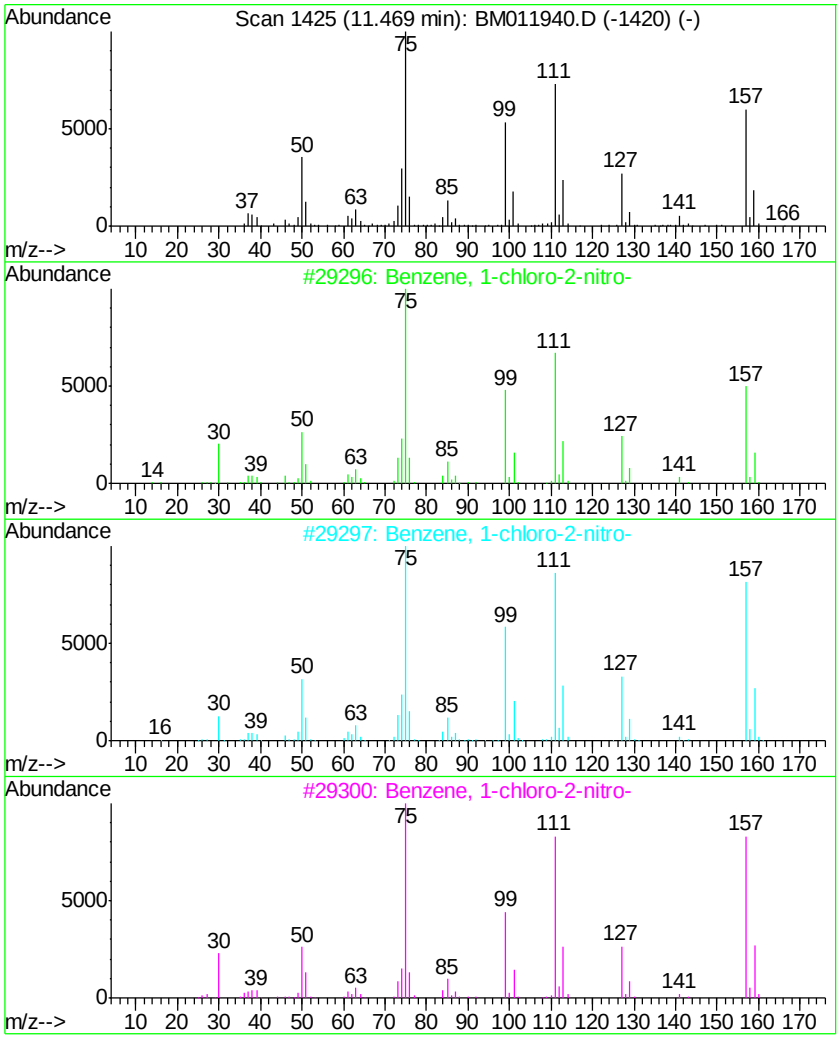
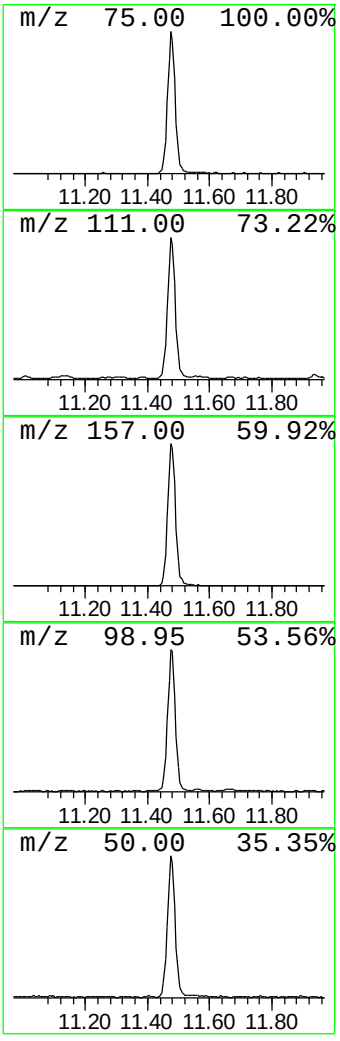
Peak Number 17 Benzene, 1-chloro-2-nitro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	12.51 ng/ul	1400270	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	95
4	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	95
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	95





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ClientSampleId : B-60(FILL)-092617

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Quant Title : SVOA CALIBRATION

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

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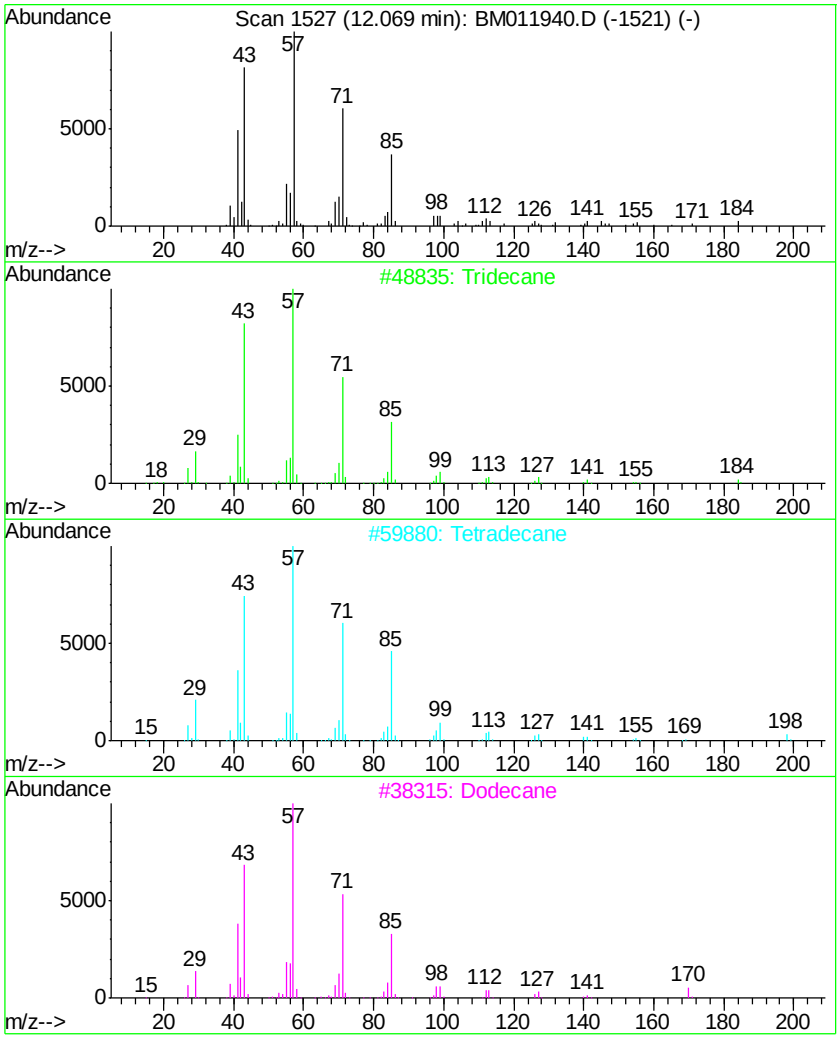
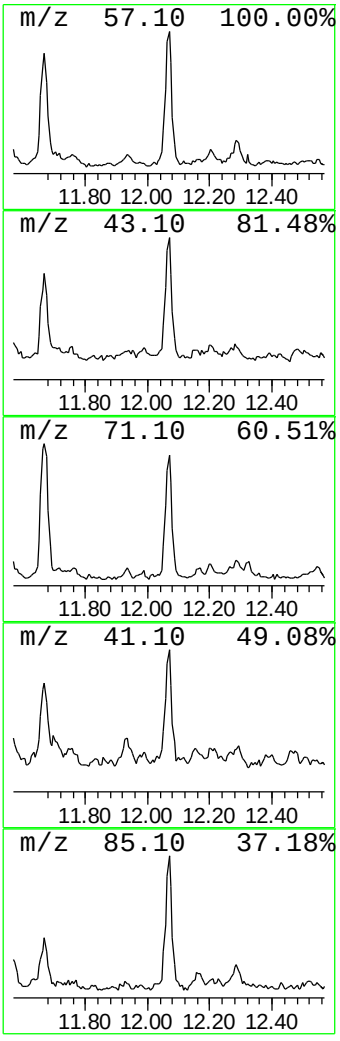
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	2.15 ng/ul	240090	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tetradecane	198	C14H30	000629-59-4	80
3	Dodecane	170	C12H26	000112-40-3	80
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	80
5	Hexadecane	226	C16H34	000544-76-3	78





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Sample : I5449-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

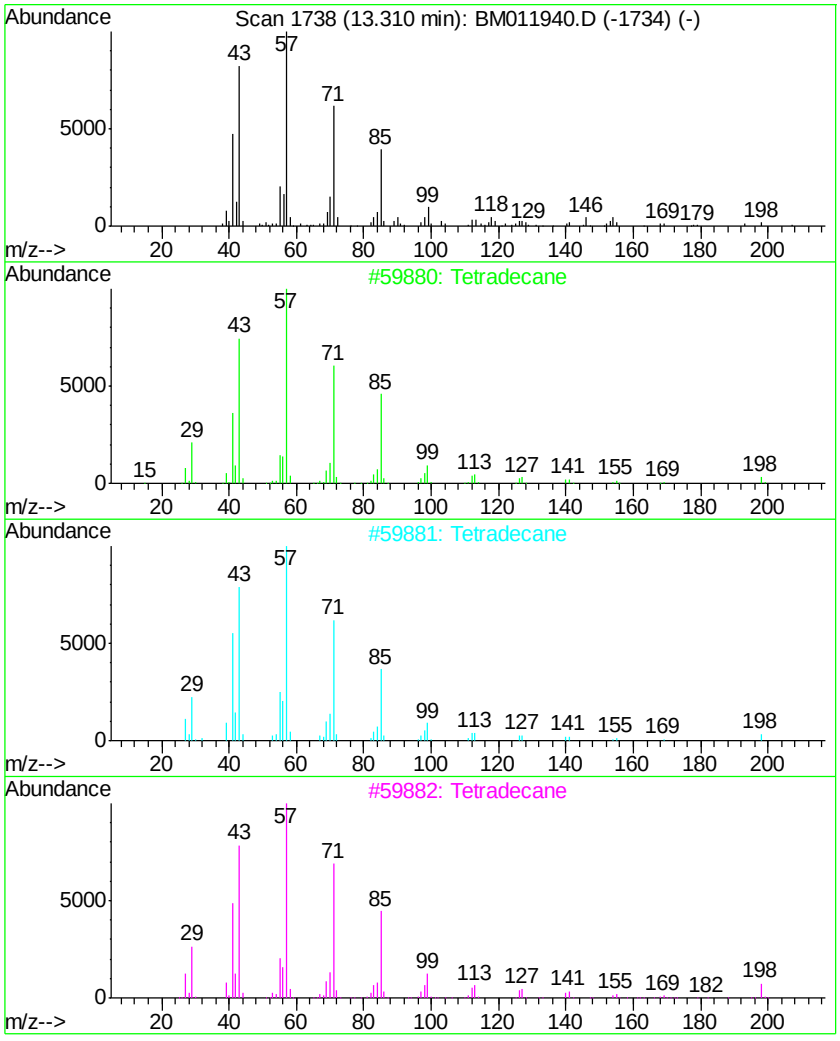
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

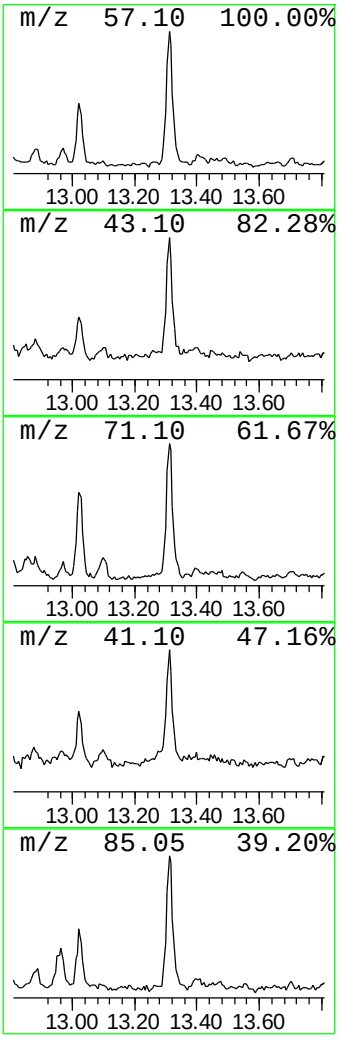
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	2.48 ng/ul	357165	Acenaphthene-d10	14.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Tetradecane	198	C14H30	000629-59-4	95
3	Tetradecane	198	C14H30	000629-59-4	93
4	Hexadecane	226	C16H34	000544-76-3	83
5	Tridecane	184	C13H28	000629-50-5	80





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Acq On : 06 Oct 2017 15:10
Operator : SJ/JU
Sample : I5449-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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

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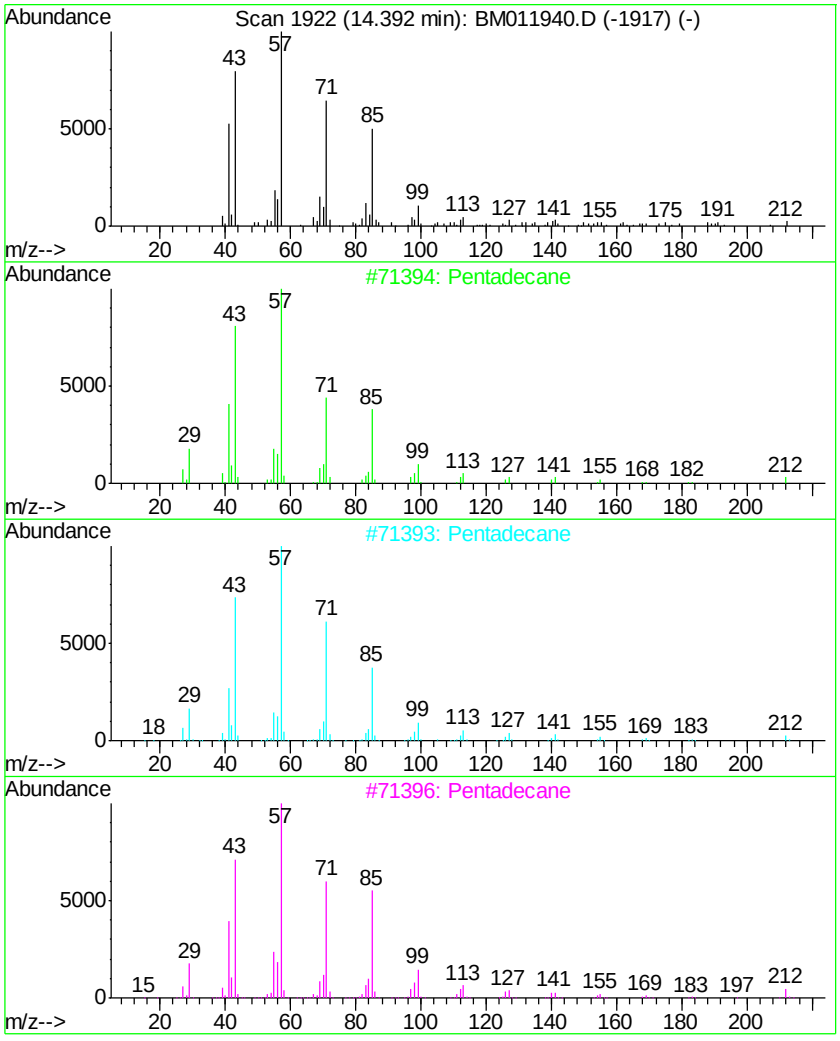
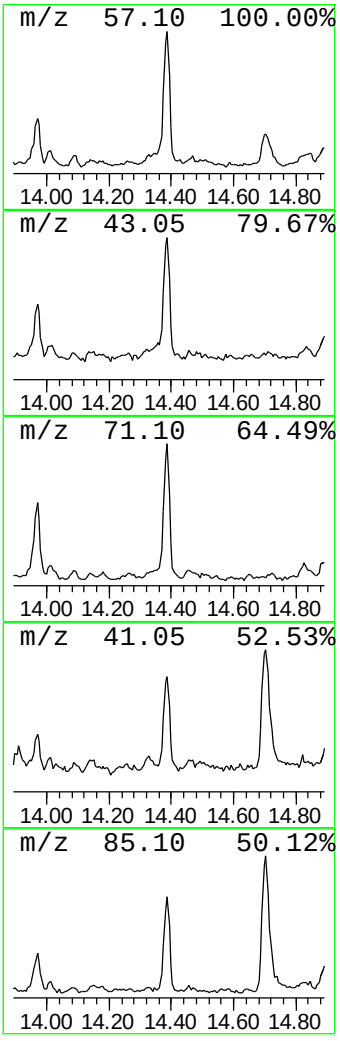
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	2.18 ng/ul	313546	Acenaphthene-d10	14.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Pentadecane	212	C15H32	000629-62-9	93
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Tetradecane	198	C14H30	000629-59-4	87





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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

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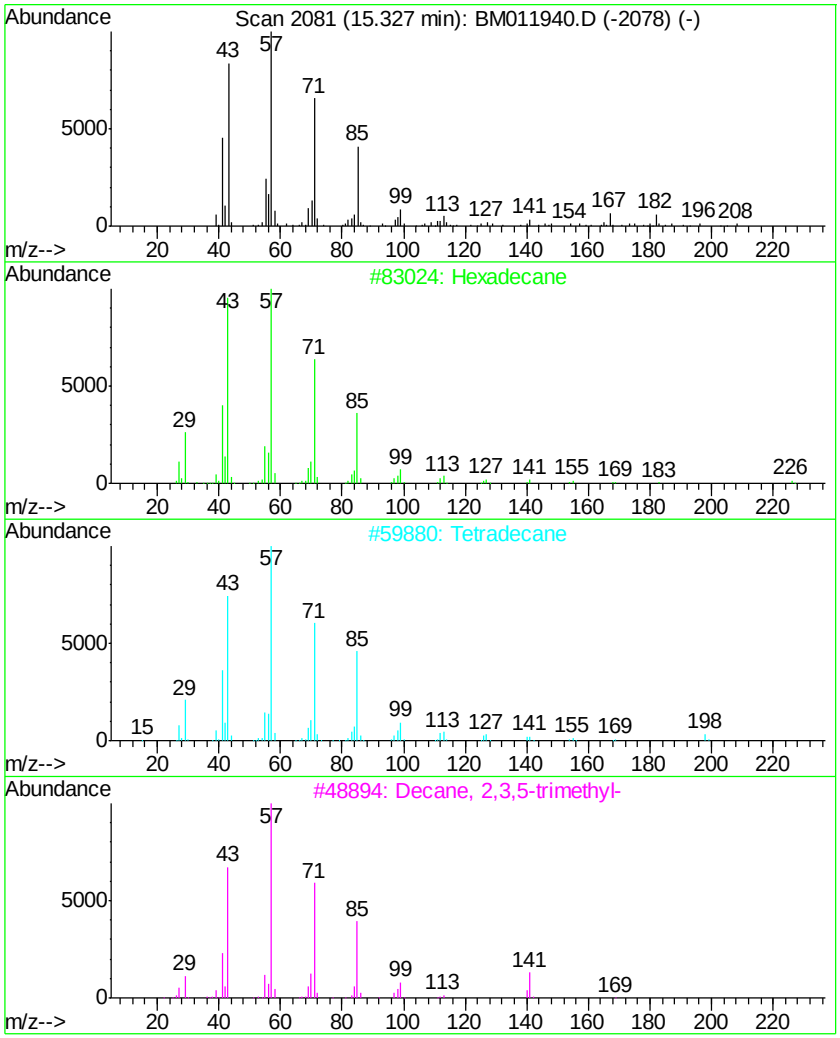
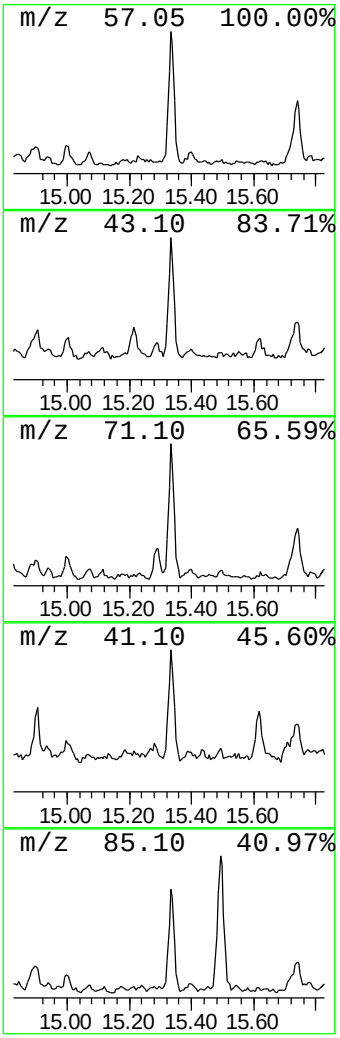
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	2.14 ng/ul	308041	Acenaphthene-d10	14.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tetradecane	198	C14H30	000629-59-4	86
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4	Tetradecane	198	C14H30	000629-59-4	72
5	Octacosane	394	C28H58	000630-02-4	72





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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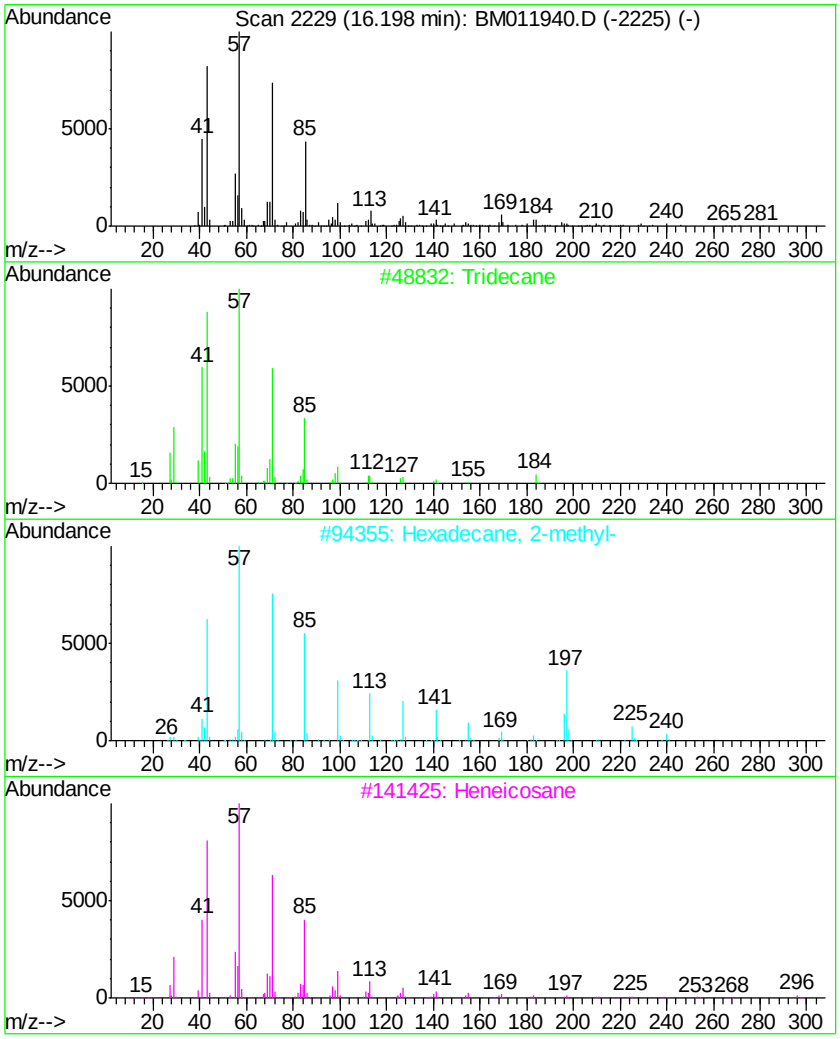
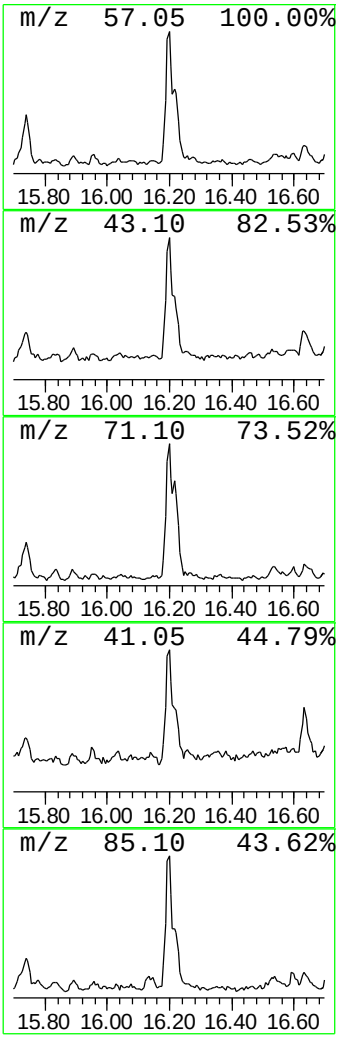
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	2.99 ng/ul	433608	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Heptacosane	380	C27H56	000593-49-7	87





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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

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Quant Title : SVOA CALIBRATION

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

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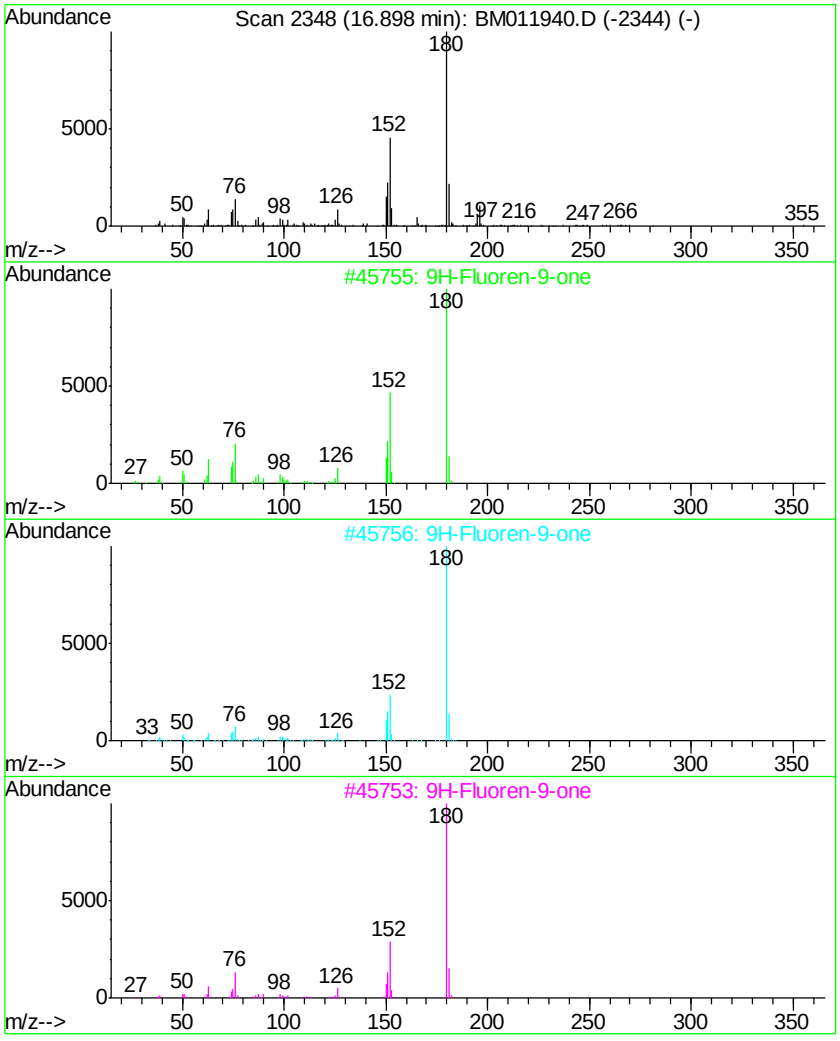
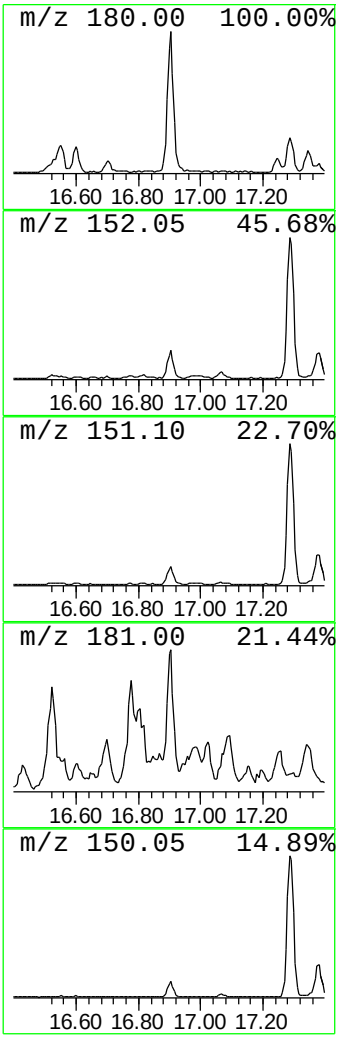
Peak Number 23 9H-Fluoren-9-one Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	3.05 ng/ul	441262	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83





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Quant Title : SVOA CALIBRATION

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

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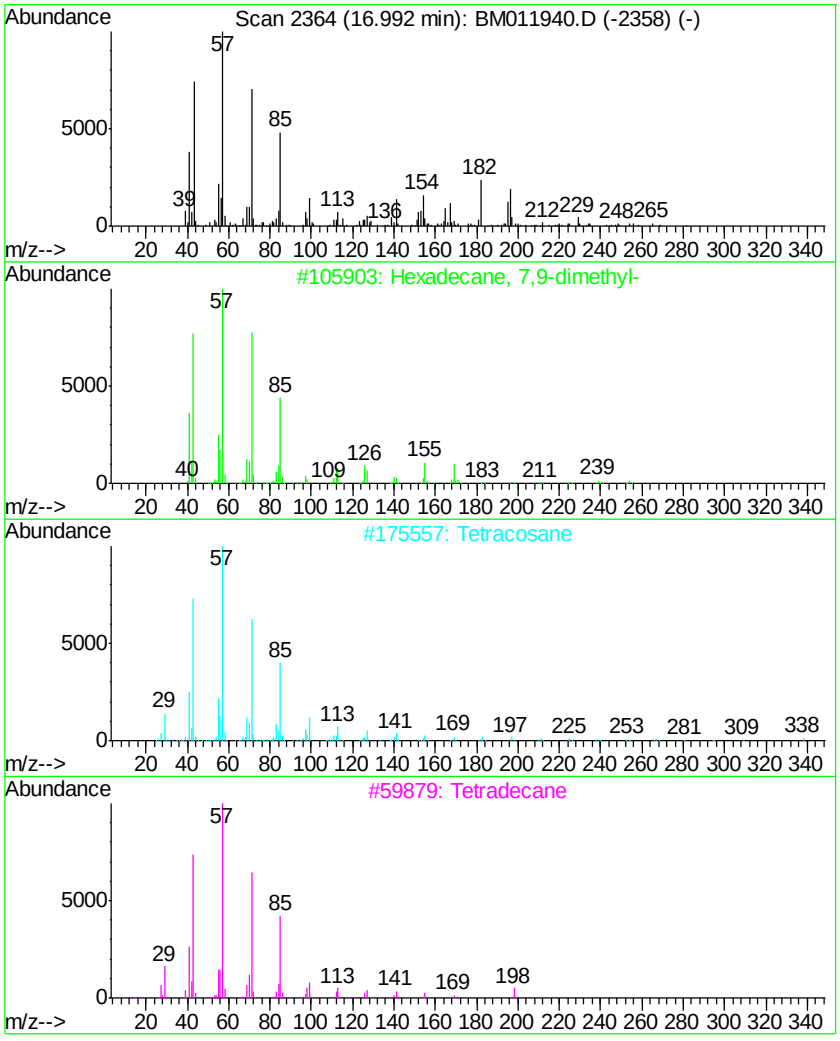
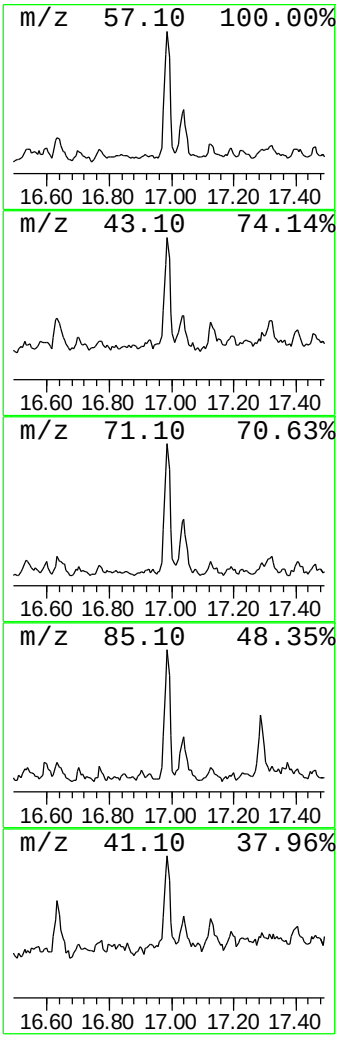
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	2.87 ng/ul	415911	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	70
2	Tetracosane	338	C24H50	000646-31-1	53
3	Tetradecane	198	C14H30	000629-59-4	53
4	Octadecane	254	C18H38	000593-45-3	53
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	52





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Quant Title : SVOA CALIBRATION

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

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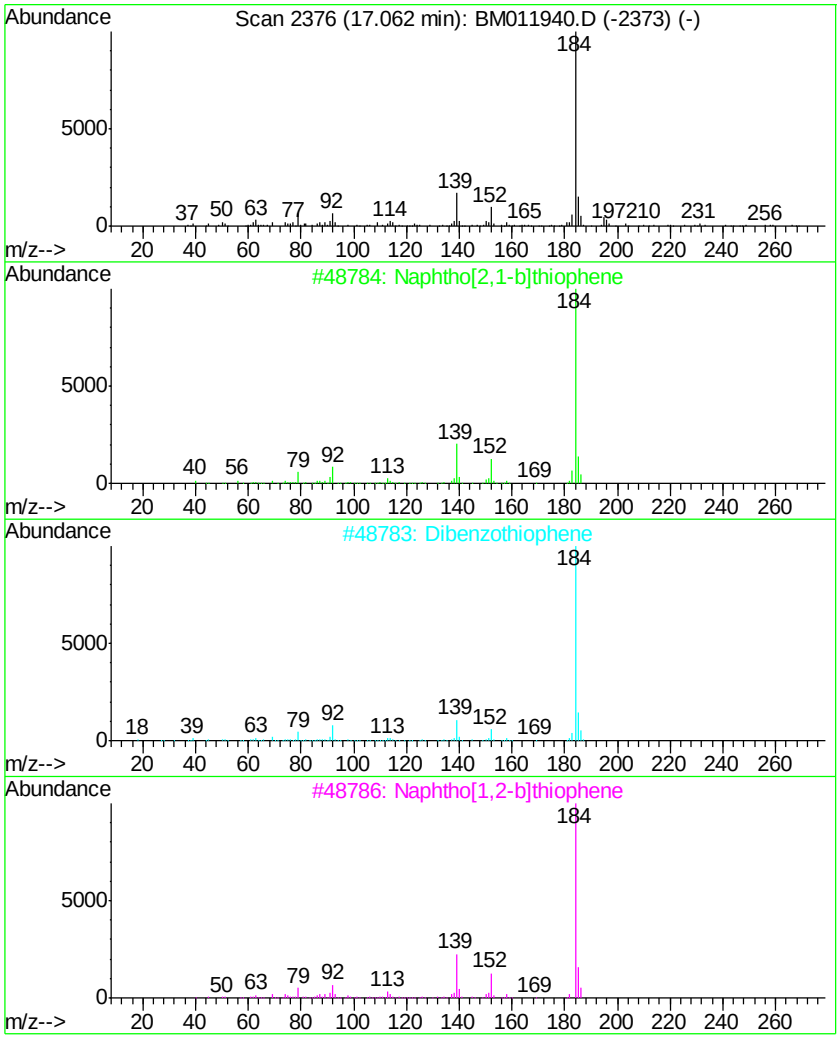
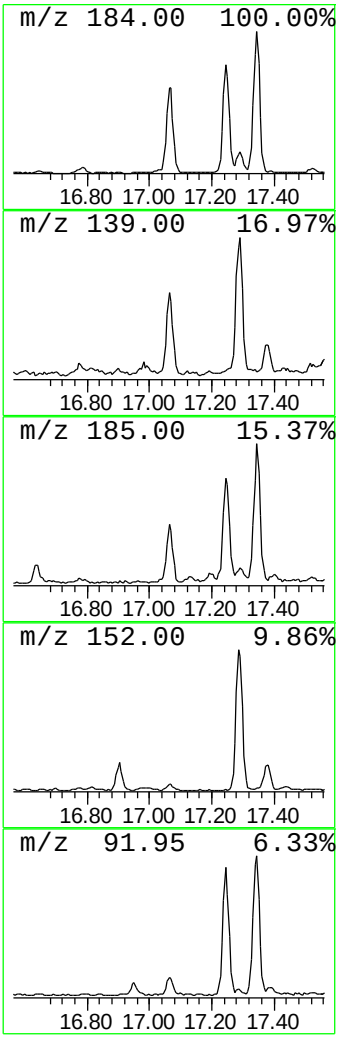
Peak Number 25 Naphtho[2,1-b]thiophene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	2.60 ng/ul	376715	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	93
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





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ClientSampleId : B-60(FILL)-092617

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Quant Title : SVOA CALIBRATION

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

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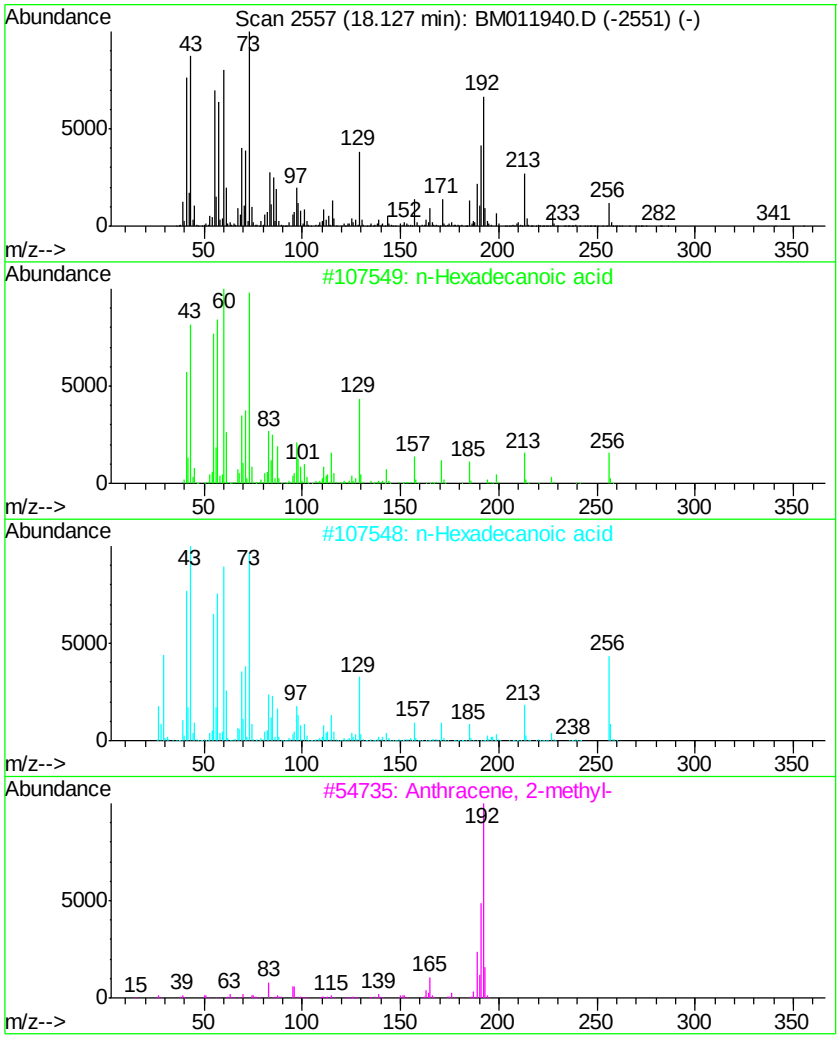
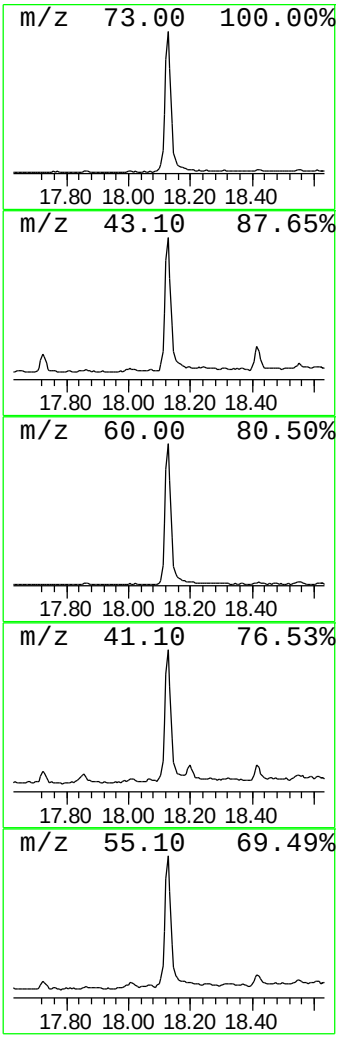
Peak Number 26 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	31.88 ng/ul	4617650	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
5	Tridecanoic acid	214	C13H26O2	000638-53-9	78





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Quant Title : SVOA CALIBRATION

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

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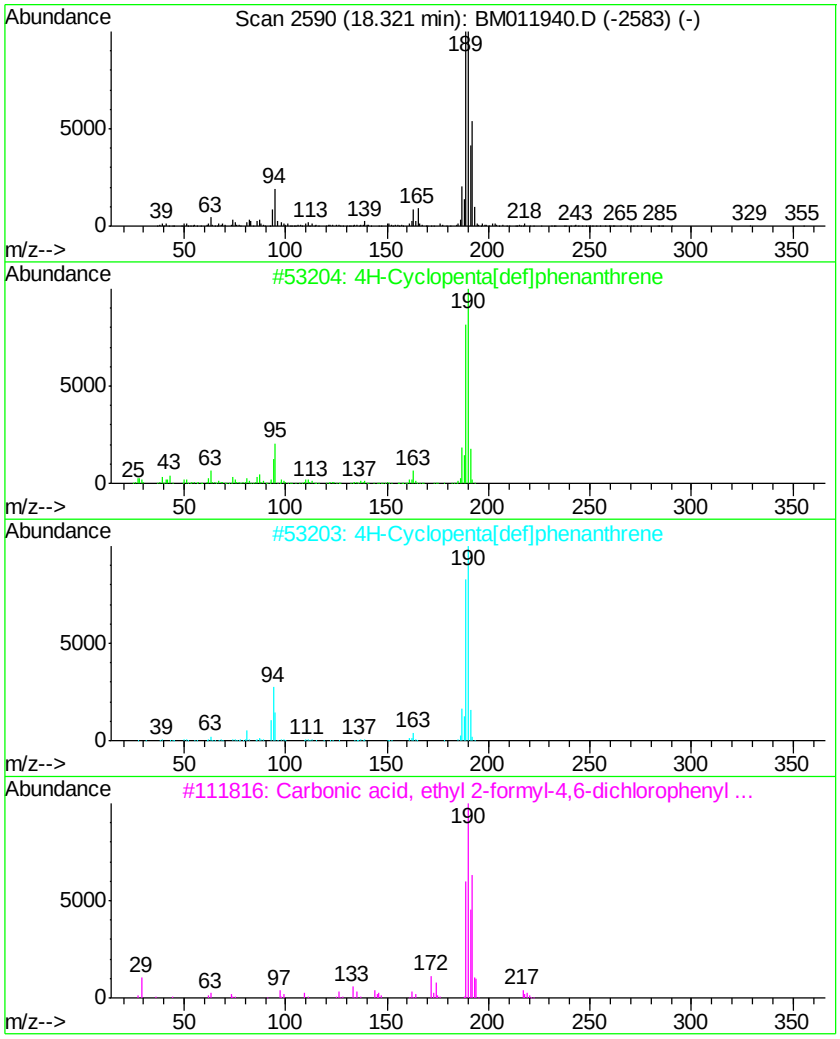
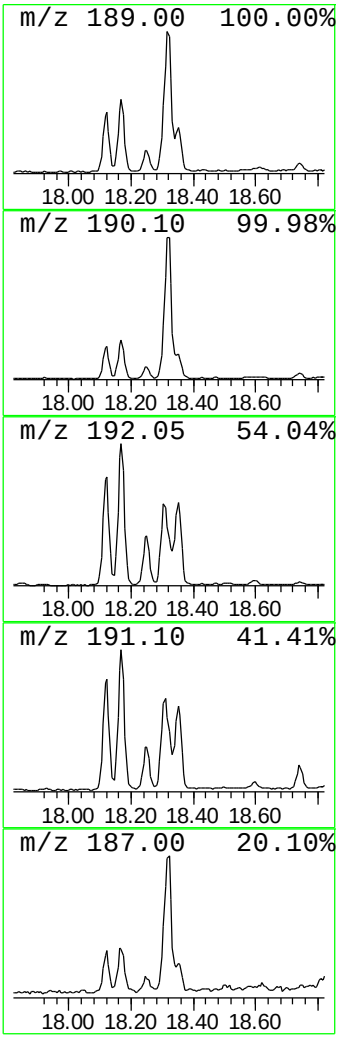
Peak Number 27 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	13.03 ng/ul	1887630	Phenanthrene-d10	17.24

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	58
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	53
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	38





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Quant Title : SVOA CALIBRATION

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

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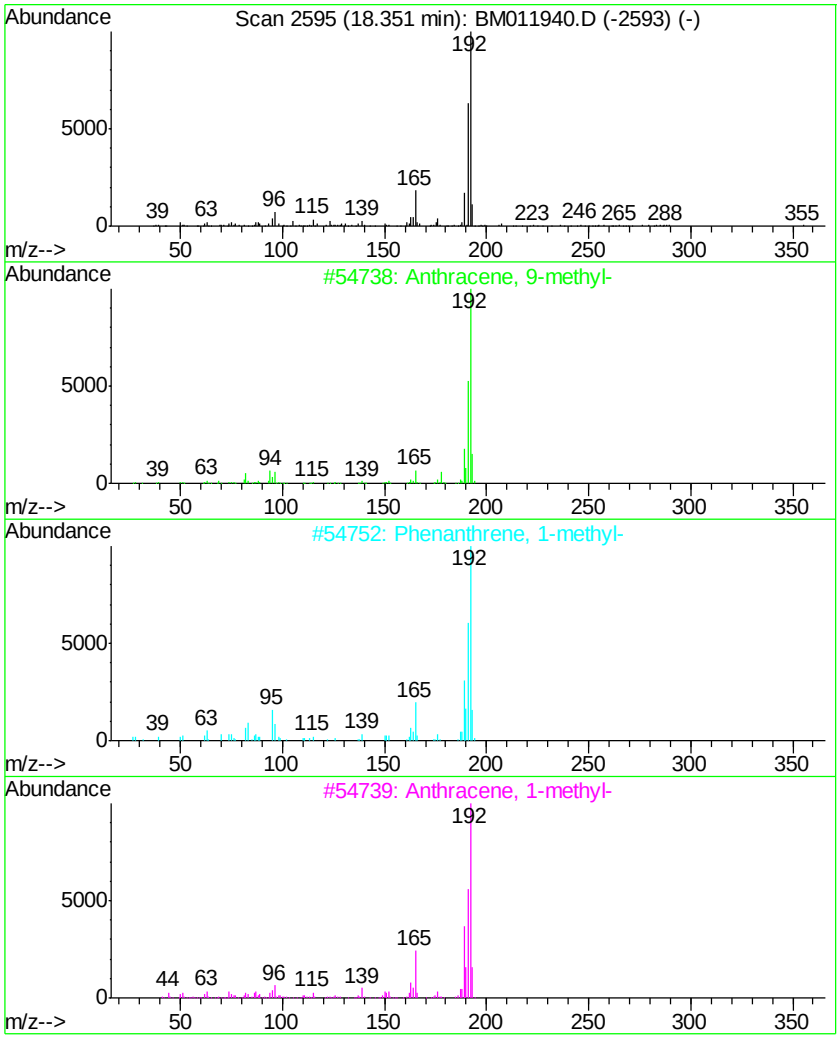
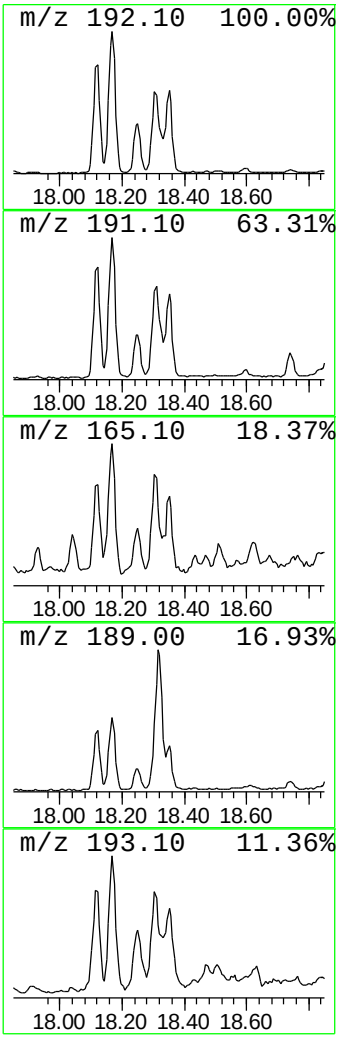
Peak Number 28 Anthracene, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	5.14 ng/ul	744762	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	86





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Quant Title : SVOA CALIBRATION

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

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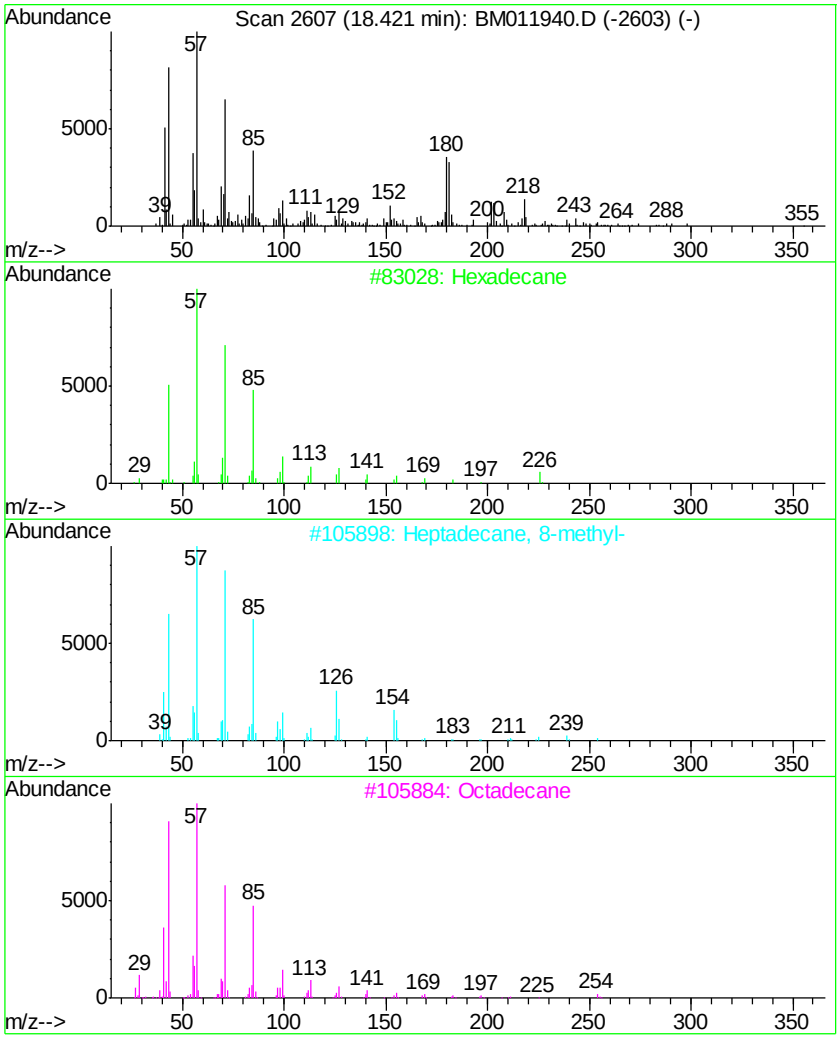
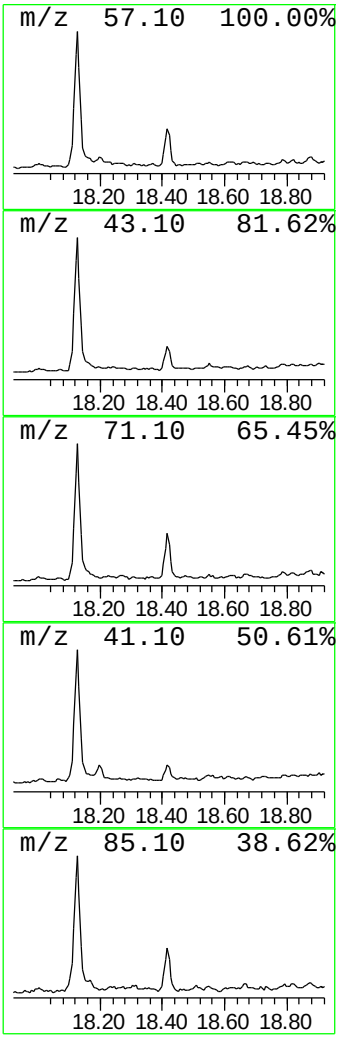
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	3.14 ng/ul	455124	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	89
3	Octadecane	254	C18H38	000593-45-3	87
4	Nonadecane	268	C19H40	000629-92-5	76
5	Eicosane	282	C20H42	000112-95-8	68





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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

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Quant Title : SVOA CALIBRATION

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

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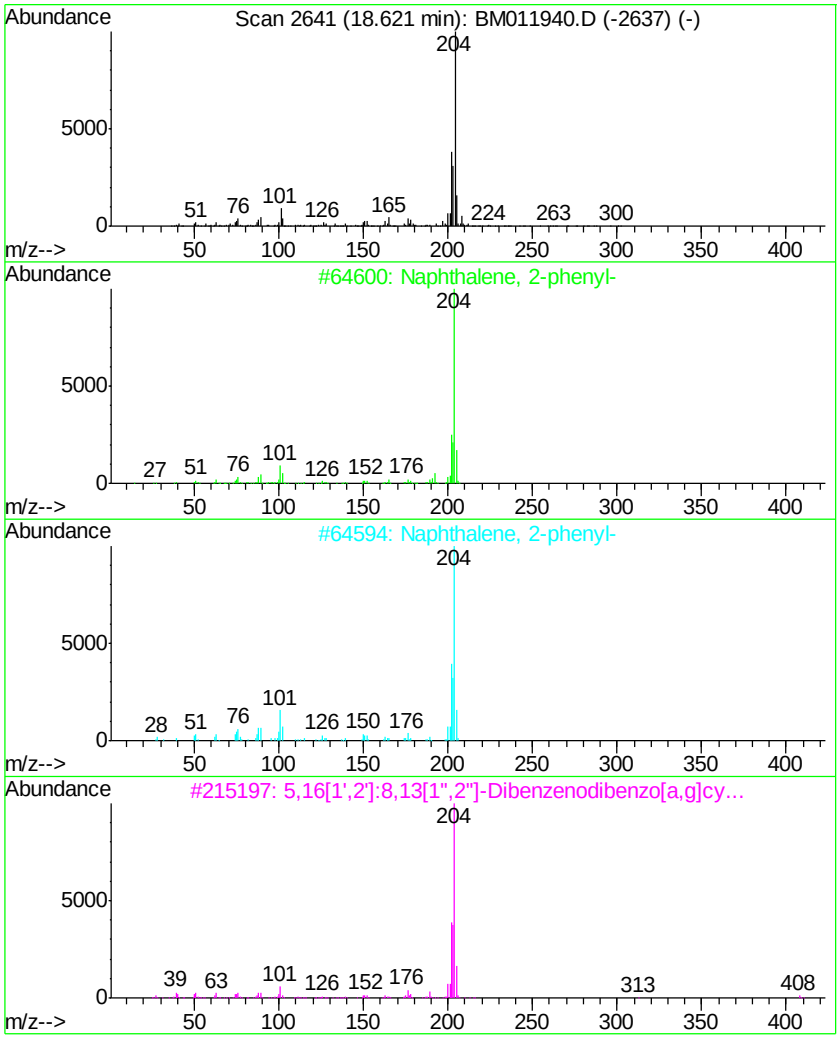
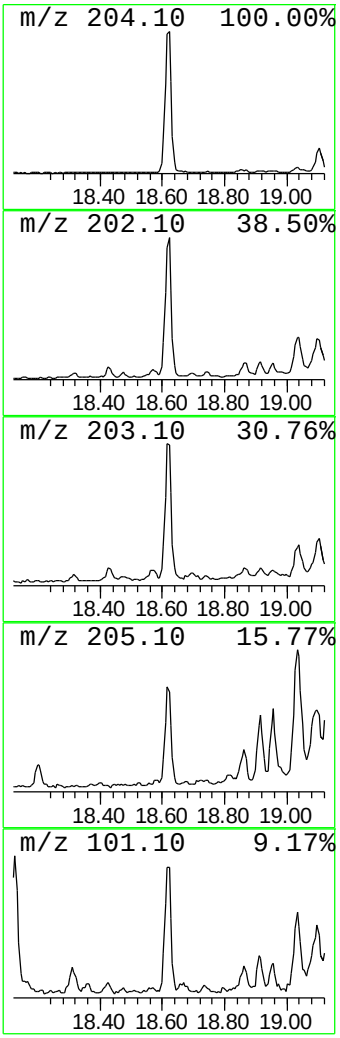
Peak Number 30 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	5.25 ng/ul	760119	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81





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TIC Integration Parameters: LSCINT.P

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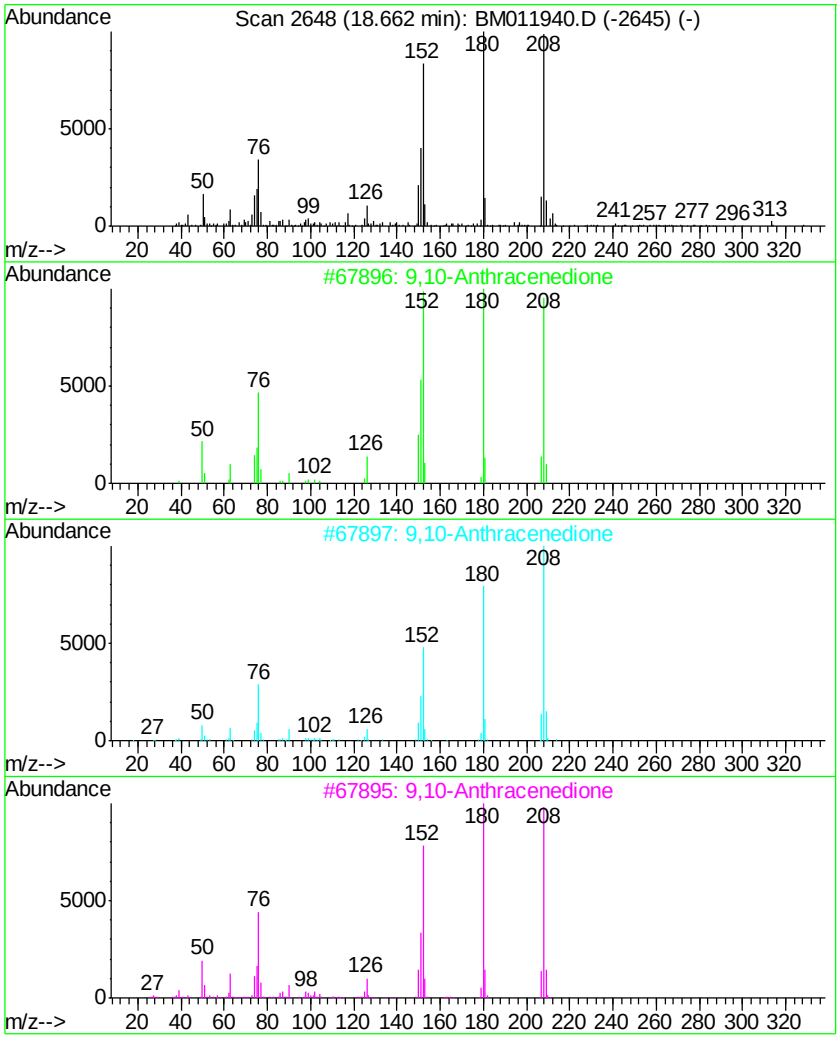
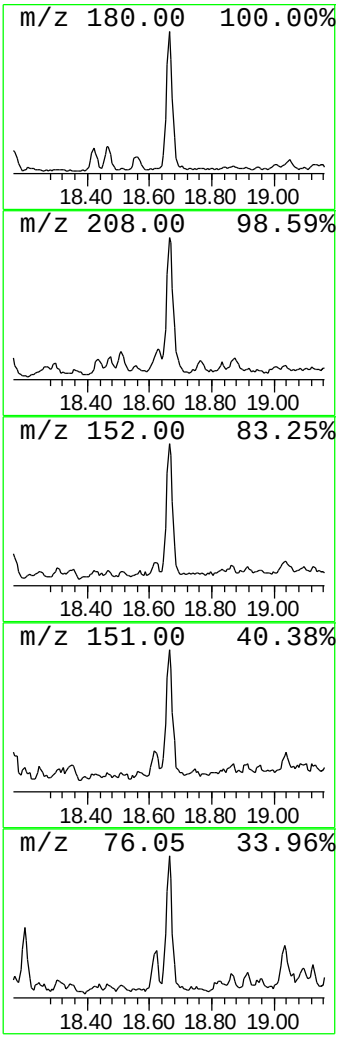
Peak Number 31 9,10-Anthracenedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	4.62 ng/ul	668753	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100617\
Data File : BM011940.D
Acq On : 06 Oct 2017 15:10
Operator : SJ/JU
Sample : I5449-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(FILL)-092617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.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: Cyc...	4.25	2.6	ng/ul	202471	1	7.86	1582120	20.0
Benzene, 1,3-dime...	5.49	7.3	ng/ul	575001	1	7.86	1582120	20.0
unknown-01	6.83	2.7	ng/ul	215967	1	7.86	1582120	20.0
Benzene, 1-ethyl-...	6.93	3.8	ng/ul	298166	1	7.86	1582120	20.0
(DEL) Alkane: Str...	7.46	10.5	ng/ul	833047	1	7.86	1582120	20.0
Benzene, 1,2,3-tr...	7.50	6.6	ng/ul	525217	1	7.86	1582120	20.0
unknown-02	7.76	2.5	ng/ul	193595	1	7.86	1582120	20.0
2-Indanol	8.40	7.3	ng/ul	577763	1	7.86	1582120	20.0
Benzene, 1,3-diet...	8.49	5.8	ng/ul	461051	1	7.86	1582120	20.0
Benzene, 1-ethyl-...	8.96	6.5	ng/ul	517748	1	7.86	1582120	20.0
unknown-03	9.20	4.3	ng/ul	340212	1	7.86	1582120	20.0
Naphthalene, deca...	9.83	2.1	ng/ul	231622	2	10.66	2238060	20.0
Benzene, 1,2,4,5-...	10.06	2.2	ng/ul	247060	2	10.66	2238060	20.0
Benzene, 1-chloro...	11.47	12.5	ng/ul	1400270	2	10.66	2238060	20.0
(DEL) Alkane: Str...	12.07	2.1	ng/ul	240090	2	10.66	2238060	20.0
(DEL) Alkane: Str...	13.31	2.5	ng/ul	357165	3	14.50	2882670	20.0
(DEL) Alkane: Str...	14.39	2.2	ng/ul	313546	3	14.50	2882670	20.0
(DEL) Alkane: Str...	15.33	2.1	ng/ul	308041	3	14.50	2882670	20.0
(DEL) Alkane: Str...	16.20	3.0	ng/ul	433608	4	17.24	2897230	20.0
9H-Fluoren-9-one	16.90	3.0	ng/ul	441262	4	17.24	2897230	20.0
(DEL) Alkane: Str...	16.99	2.9	ng/ul	415911	4	17.24	2897230	20.0
Naphtho[2,1-b]thi...	17.06	2.6	ng/ul	376715	4	17.24	2897230	20.0
n-Hexadecanoic acid	18.13	31.9	ng/ul	4617650	4	17.24	2897230	20.0
4H-Cyclopenta[def...	18.32	13.0	ng/ul	1887630	4	17.24	2897230	20.0
Anthracene, 9-met...	18.35	5.1	ng/ul	744762	4	17.24	2897230	20.0
(DEL) Alkane: Str...	18.42	3.1	ng/ul	455124	4	17.24	2897230	20.0
Naphthalene, 2-ph...	18.62	5.3	ng/ul	760119	4	17.24	2897230	20.0
9,10-Anthracenedione	18.66	4.6	ng/ul	668753	4	17.24	2897230	20.0