LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

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-BM041918.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	6.457	533	539	549	rVB2	3316280	5618553	2.47%	0.289%
2	7.022	630	635	640	rVB	3460240	5072446	2.23%	0.261%
3	7.469	707	711	716	rVV	4047078	5948682	2.62%	0.306%
4	7.528	716	721	726	rVB	3510874	4989272	2.19%	0.257%
5	7.646	735	741	747	rBV2	6641049	11570290	5.09%	0.595%
6	7.993	796	800	805	rVV3	2251147	5126738	2.25%	0.264%
7	8.046	805	809	817	rVV3	2100343	6570877	2.89%	0.338%
8	8.122	817	822	827	rVV	10673601	16144082	7.10%	0.831%
9	8.481	878	883	888	rVV	8337209	13148727	5.78%	0.677%
10	8.810	935	939	945	rVV2	3532952	5863772	2.58%	0.302%
11	9.040	971	978	982	rBV	4015546	7297838	3.21%	0.376%
12	9.098	982	988	994	rVB	4797936	8830373	3.88%	0.454%
13	9.175	994	1001	1005	rBV2	5619911	9448356	4.15%	0.486%
14	9.281	1014	1019	1025	rBV	4496519	7273082	3.20%	0.374%
15	9.640	1076	1080	1086	rVV	3594336	6937111	3.05%	0.357%
16	9.745	1087	1098	1104	rVB3	10336086	19882254	8.74%	1.023%
17	9.892	1111	1123	1130	rBV7	2516452	7681776	3.38%	0.395%
18	10.004	1130	1142	1152	rVV5	1688646	6143504	2.70%	0.316%
19	10.169	1166	1170	1176	rVV2	3409653	5851977	2.57%	0.301%
20	10.428	1203	1214	1218	rBV	5222559	10467970	4.60%	0.539%
21	10.469	1218	1221	1229	rVV3	3773257	6249287	2.75%	0.322%
22	10.545	1229	1234	1238	rVV	4619179	7810506	3.43%	0.402%
23	10.622	1241	1247	1252	rVV3	2271284	5692099	2.50%	0.293%
24	10.698	1252	1260	1265	rVV3	2351431	6510032	2.86%	0.335%
25	10.810	1274	1279	1284	rVV2	5360533	9462536	4.16%	0.487%
26	10.928	1297	1299	1304	rVV2	3313553	5007714	2.20%	0.258%
27	11.051	1314	1320	1328	rVB	4693367	7867123	3.46%	0.405%
28	11.381	1371	1376	1380	rVV2	2989697	6886674	3.03%	0.354%
29	11.492	1388	1395	1401	rVB3	2822921	5440024	2.39%	0.280%
30	12.992	1644	1650	1660	rVB	7195897	11665232	5.13%	0.600%
31	13.210	1680	1687	1695	rVB	3342198	5703561	2.51%	0.293%
32	13.975	1811	1817	1822	rVB	6108094	9140483	4.02%	0.470%
33	14.169	1844	1850	1860	rVB	5358895	9180398	4.04%	0.472%
34	14.298	1865	1872	1873	rBV	7367769	10113308	4.45%	0.520%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

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-BM041918.M
Title : SVOA CALIBRATION

35	14.457	1892	1899	1904	rBV	9922864	17689906	7.78%	0.910%
36	14.510	1904	1908	1914	rVV2	7980896	12958144	5.70%	0.667%
37	14.686	1932	1938	1942	rBV	4695667	7370191	3.24%	0.379%
38	15.092	1997	2007	2010	rBV	7213485	10211104	4.49%	0.525%
39	15.204	2018	2026	2031	rVB	36207554	59584870	26.20%	3.066%
40	15.322	2042	2046	2055	rVB	2118691	4899051	2.15%	0.252%
41	15.433	2056	2065	2073	rBV2	3391847	7549974	3.32%	0.388%
42	15.527	2073	2081	2086	rVV2	28183544	50182844	22.07%	2.582%
43	15.586	2086	2091	2099	rVB	3582202	5360845	2.36%	0.276%
44	16.110	2175	2180	2184	rVV2	3400918	6469695	2.85%	0.333%
45	16.180	2184	2192	2198	rVV2	42676389	82687102	36.36%	4.255%
46	16.257	2198	2205	2207	rVV	3377685	5502679	2.42%	0.283%
47	16.286	2207	2210	2212	rVV	4772872	6790885	2.99%	0.349%
48	16.321	2212	2216	2221	rVV3	10665439	18273822	8.04%	0.940%
49	16.410	2227	2231	2234	rVV	5910264	9154007	4.03%	0.471%
50	16.451	2234	2238	2244	rVB	12279918	17552590	7.72%	0.903%
51	16.598	2255	2263	2270	rBV	12160296	25794093	11.34%	1.327%
52	16.792	2288	2296	2310	rVB3	2114088	5074423	2.23%	0.261%
53	16.939	2317	2321	2327	rVB	4950306	7048205	3.10%	0.363%
54	17.151	2345	2357	2361	rBV2	8847812	17830414	7.84%	0.917%
55	17.198	2361	2365	2370	rVV2	3271113	5793048	2.55%	0.298%
56	17.298	2376	2382	2386	rVV3	3511032	6501676	2.86%	0.335%
57	17.368	2386	2394	2397	rVV2	3098560	7206050	3.17%	0.371%
58	17.410	2397	2401	2405	rVV2	3544445	6595078	2.90%	0.339%
59	17.568	2422	2428	2439	rVV3	3298678	9223734	4.06%	0.475%
60	17.668	2439	2445	2463	rVB	19439523	31005630	13.63%	1.595%
61	17.933	2470	2490	2494	rBV5	59747650	227405698	100.00%	11.701%
62	17.998	2497	2501	2506	rVV	34371620	50435665	22.18%	2.595%
63	18.345	2556	2560	2567	rBV	3894337	5633816	2.48%	0.290%
64	18.704	2611	2621	2625	rBV	17299936	26381049	11.60%	1.357%
65	18.757	2625	2630	2635	rVB	23304021	32474365	14.28%	1.671%
66	18.833	2635	2643	2648	rBV	7900700	12459318	5.48%	0.641%
67	18.910	2648	2656	2666	rVV2	32831833	68895694	30.30%	3.545%
68	19.180	2696	2702	2708	rVB	14516518	19307129	8.49%	0.993%
69	19.586	2765	2771	2777	rBV2	3841098	8276483	3.64%	0.426%
70	19.657	2779	2783	2791	rVB2	3113814	6405642	2.82%	0.330%
71	19.880	2810	2821	2828	rBV2	56557631	153358636	67.44%	7.891%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

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-BM041918.M
Title : SVOA CALIBRATION

72	20.092	2851	2857	2867	rVB	5017310	9312381	4.10%	0.479%
73	20.233	2867	2881	2885	rBV5	53996513	166556165	73.24%	8.570%
74	20.268	2885	2887	2891	rVV	5412681	6438089	2.83%	0.331%
75	20.374	2900	2905	2910	rVB	7319674	9313871	4.10%	0.479%
76	20.509	2922	2928	2935	rBV3	6218550	14318408	6.30%	0.737%
77	20.686	2945	2958	2962	rVV	19588606	32306456	14.21%	1.662%
78	20.786	2968	2975	2978	rBV	20721084	30225340	13.29%	1.555%
79	20.839	2981	2984	2987	rVV	6631572	9533905	4.19%	0.491%
80	21.039	3016	3018	3025	rVB	4768534	5968074	2.62%	0.307%
81	21.186	3039	3043	3050	rBV3	3678617	5396100	2.37%	0.278%
82	21.368	3069	3074	3078	rVV	6058821	8457445	3.72%	0.435%
83	21.574	3104	3109	3112	rVV	6224143	9047669	3.98%	0.466%
84	21.609	3112	3115	3119	rVV	6659741	8940199	3.93%	0.460%
85	21.656	3119	3123	3126	rVV2	7206577	10237183	4.50%	0.527%
86	21.798	3141	3147	3155	rBV	22875094	31120741	13.69%	1.601%
87	21.927	3159	3169	3173	rVV3	37270186	70065257	30.81%	3.605%
88	21.980	3174	3178	3186	rVB	25507479	37006828	16.27%	1.904%
89	22.103	3194	3199	3204	rBV	7477607	10529490	4.63%	0.542%
90	22.262	3221	3226	3232	rBV	4791416	7635045	3.36%	0.393%
91	22.521	3264	3270	3275	rVV	4329952	9013665	3.96%	0.464%
92	22.750	3304	3309	3312	rVV3	3691167	7155415	3.15%	0.368%
93	22.786	3312	3315	3320	rVV	3711808	6072382	2.67%	0.312%
94	23.674	3457	3466	3471	rBV	13376088	36174009	15.91%	1.861%
95	23.856	3491	3497	3508	rVB2	3632986	7336832	3.23%	0.378%
96	24.209	3550	3557	3563	rBV	7012345	14872568	6.54%	0.765%
97	24.327	3570	3577	3584	rVB	11741823	23886347	10.50%	1.229%
98	24.480	3599	3603	3611	rVB	3325901	6784140	2.98%	0.349%
99	27.009	4023	4033	4044	rVB	3444334	11060642	4.86%	0.569%
100	27.809	4161	4169	4190	rVB	1878194	6728226	2.96%	0.346%

Sum of corrected areas: 1943433084

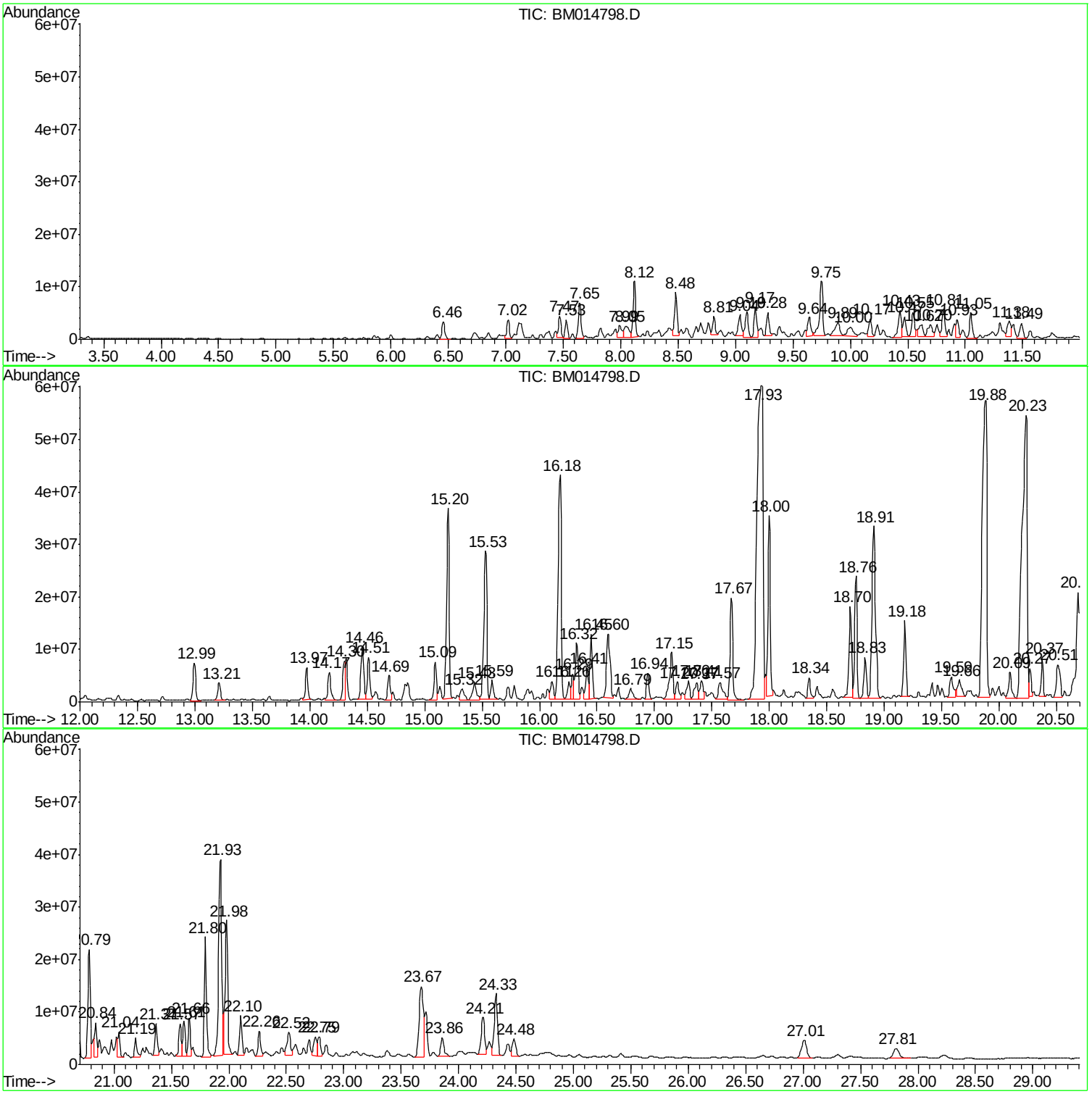
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

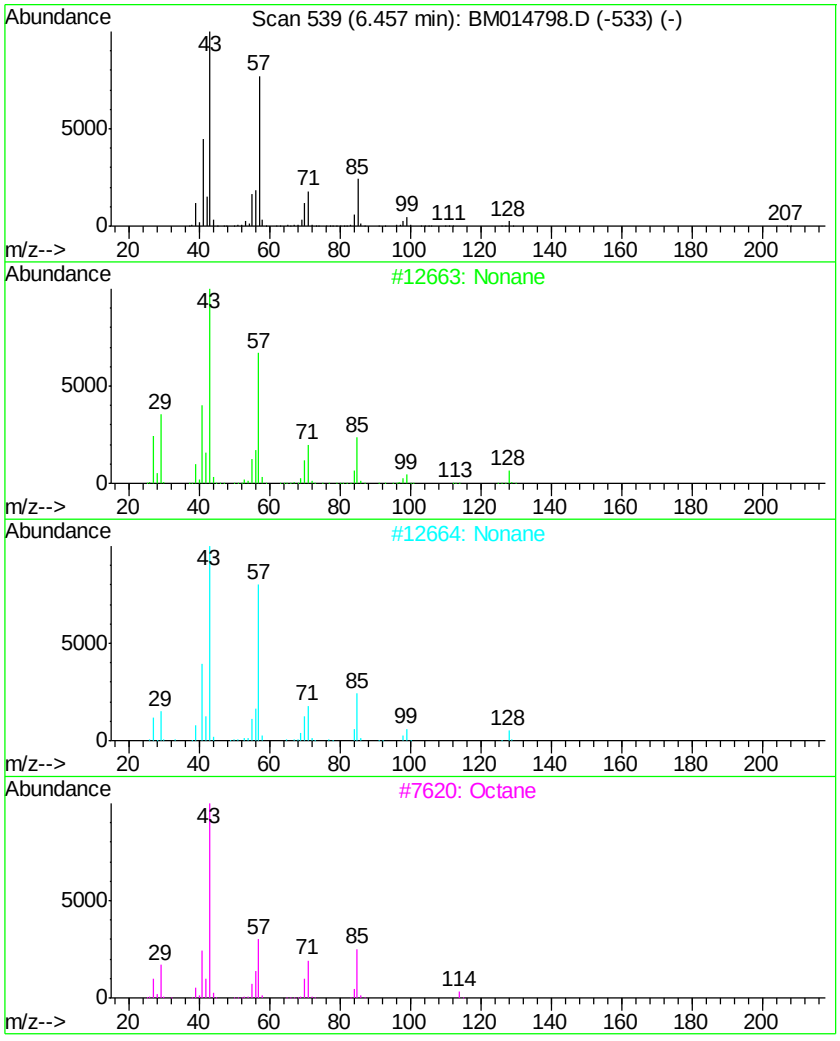
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

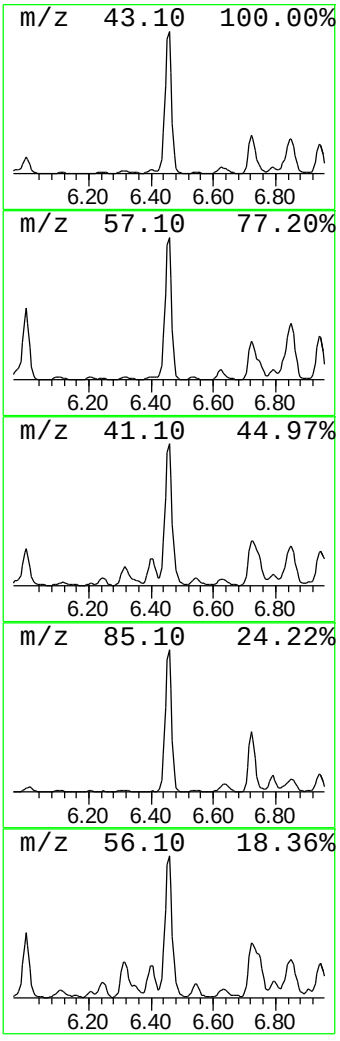
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	8.55 ng/ul	5618550	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	90
2	Nonane	128	C9H20	000111-84-2	64
3	Octane	114	C8H18	000111-65-9	64
4	Octane	114	C8H18	000111-65-9	64
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	59





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

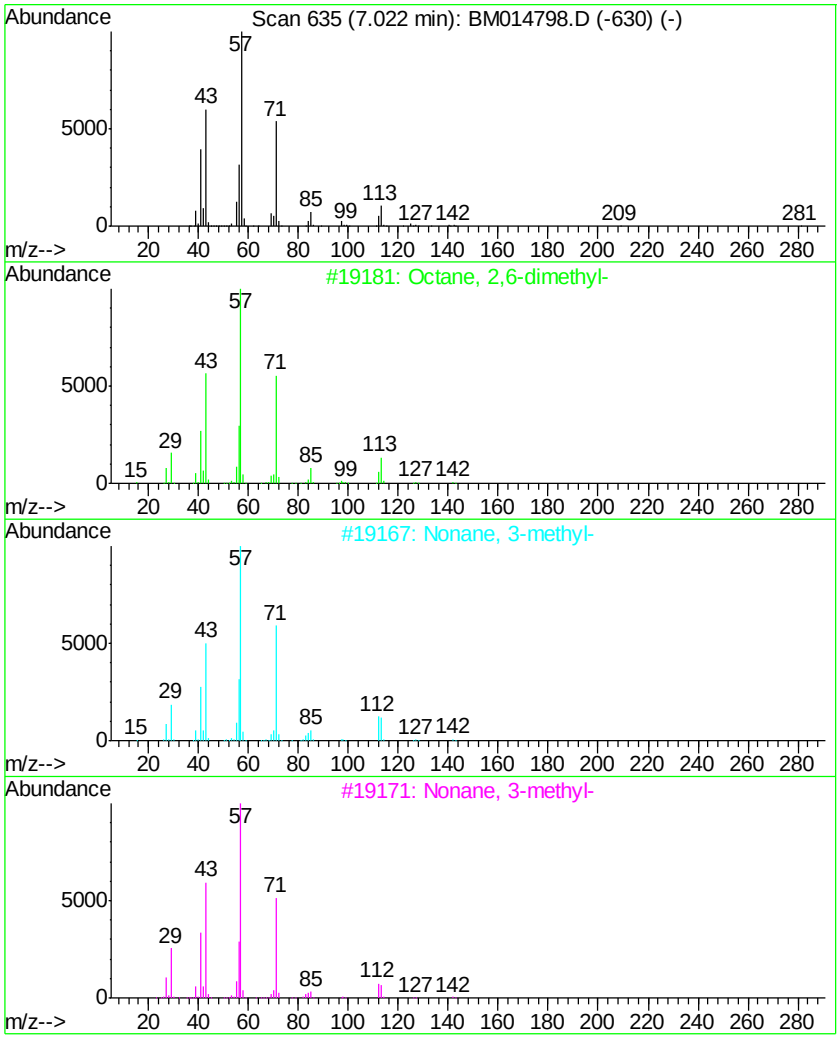
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

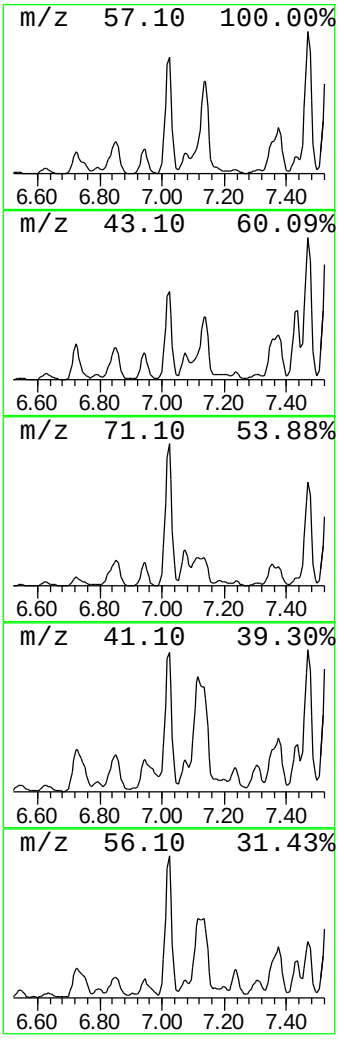
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	7.72 ng/ul	5072450	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	93
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

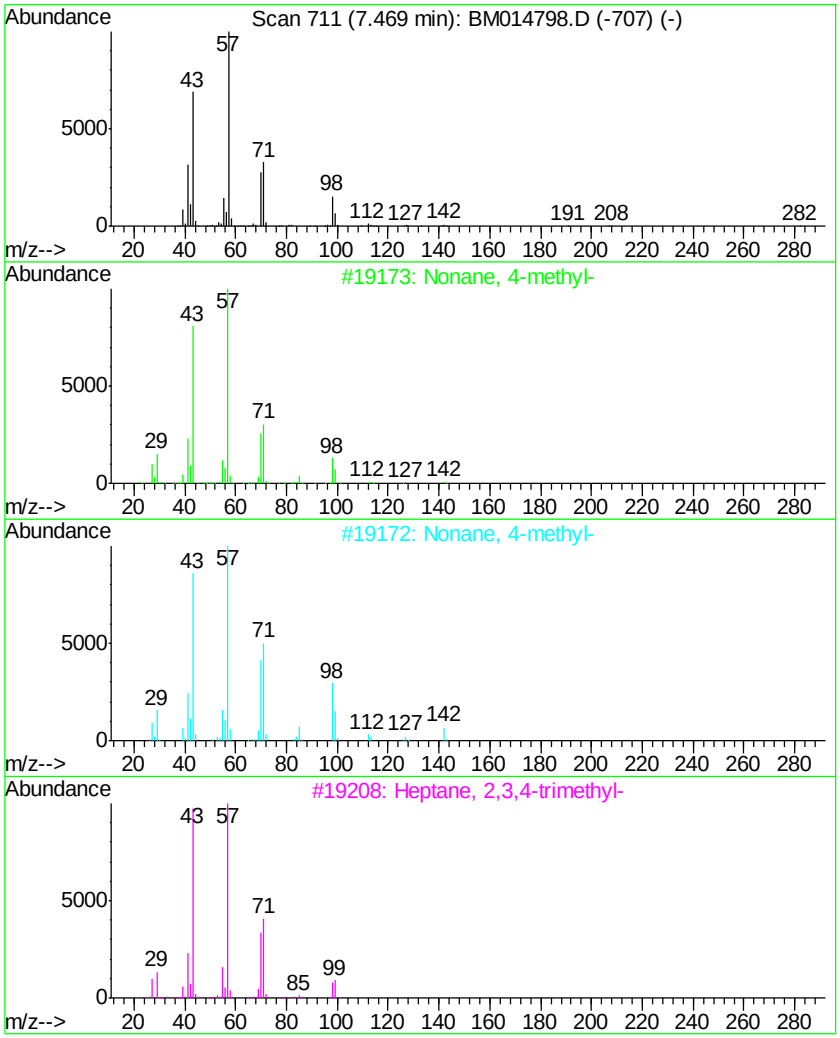
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

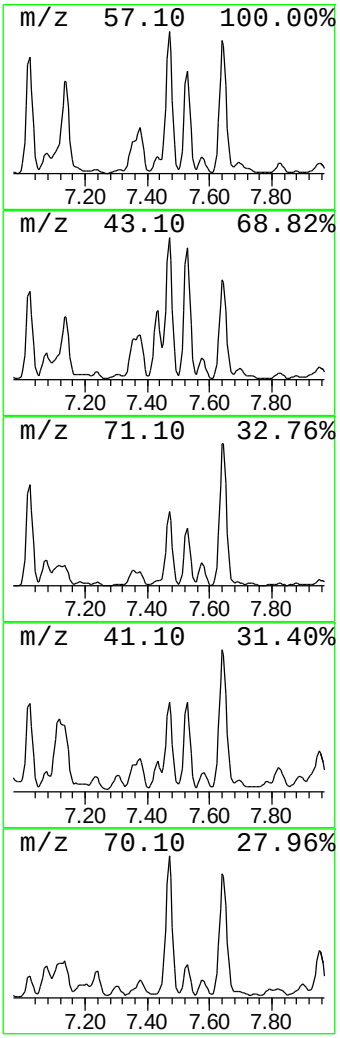
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	9.05 ng/ul	5948680	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	91
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	78
3	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	72
4	Heptane, 3-ethyl-	128	C9H20	015869-80-4	59
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

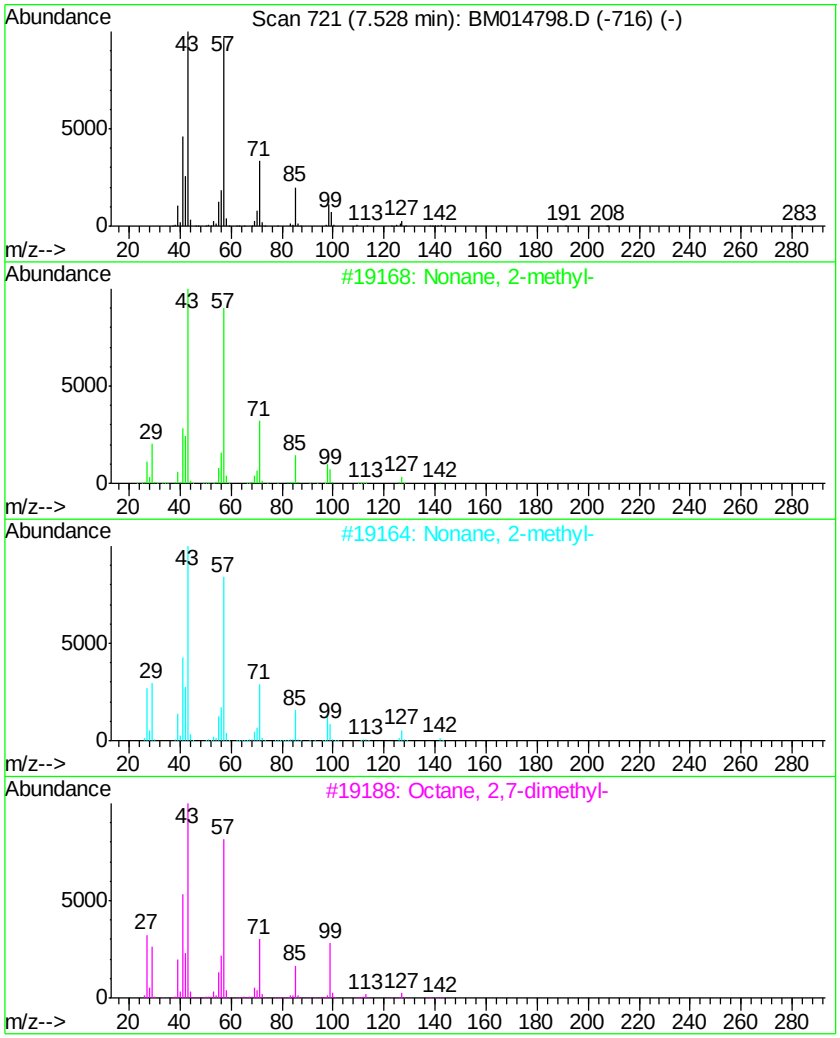
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

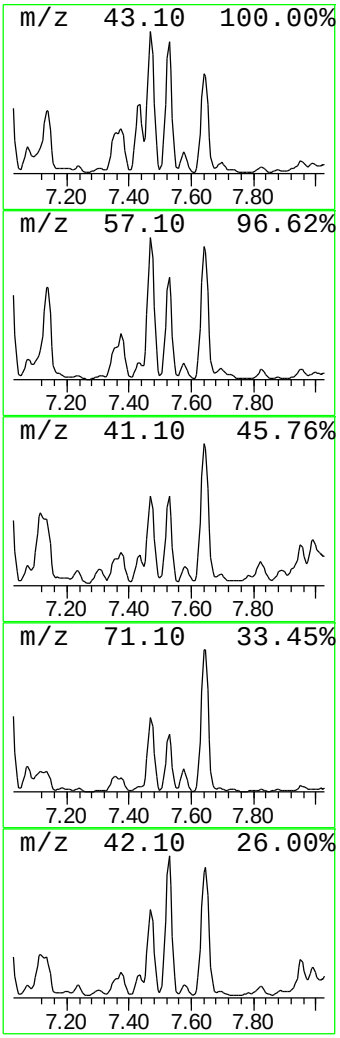
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	7.59 ng/ul	4989270	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	90
2	Nonane, 2-methyl-	142	C10H22	000871-83-0	83
3	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	83
4	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	72
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

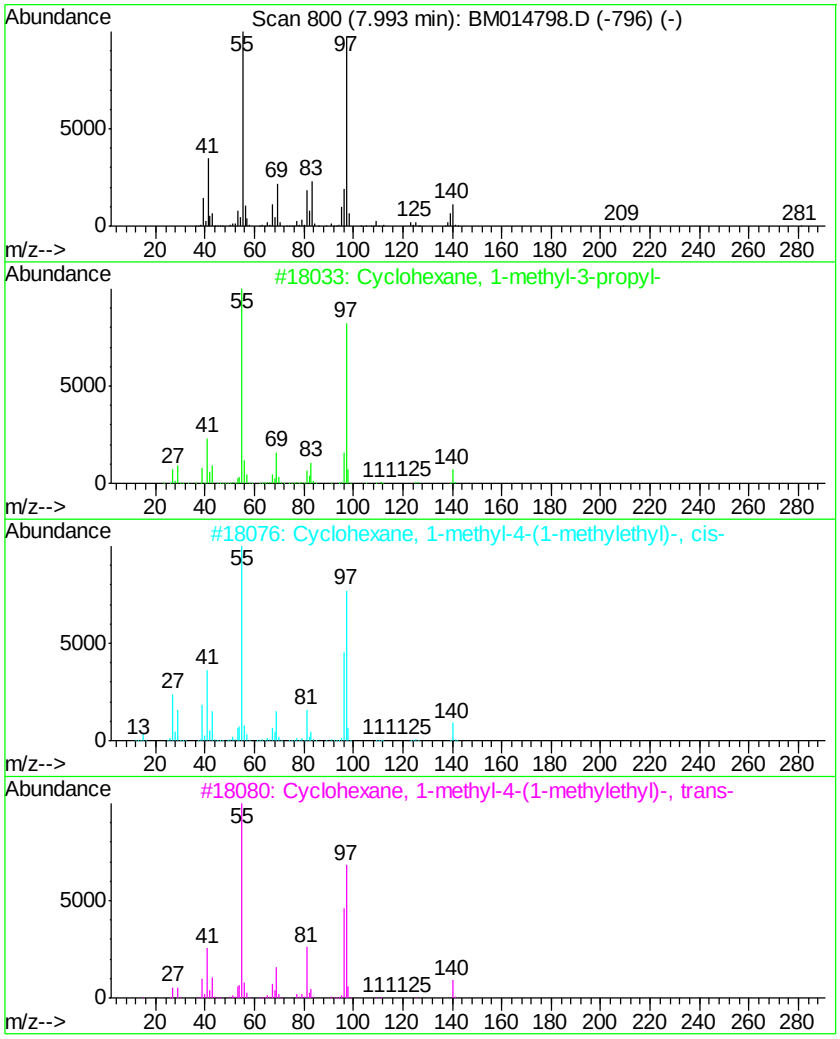
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

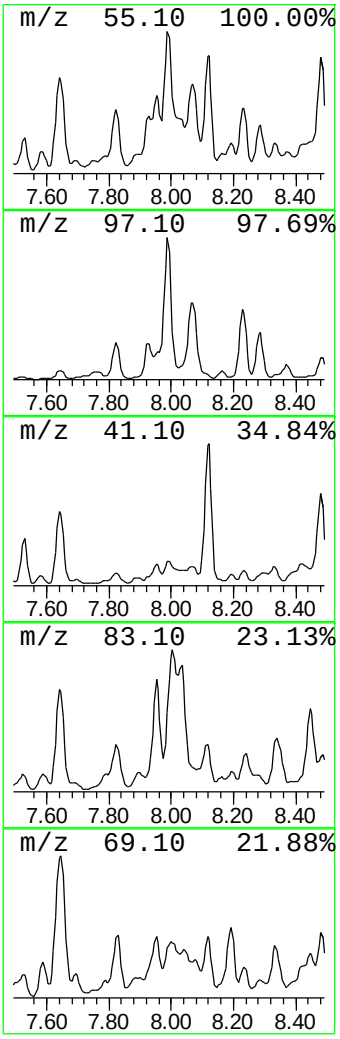
****

Peak Number 5 (DEL) Alkane: Cyclic7.99 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	7.80 ng/ul	5126740	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	74
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	68
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	62
4	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	59
5	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

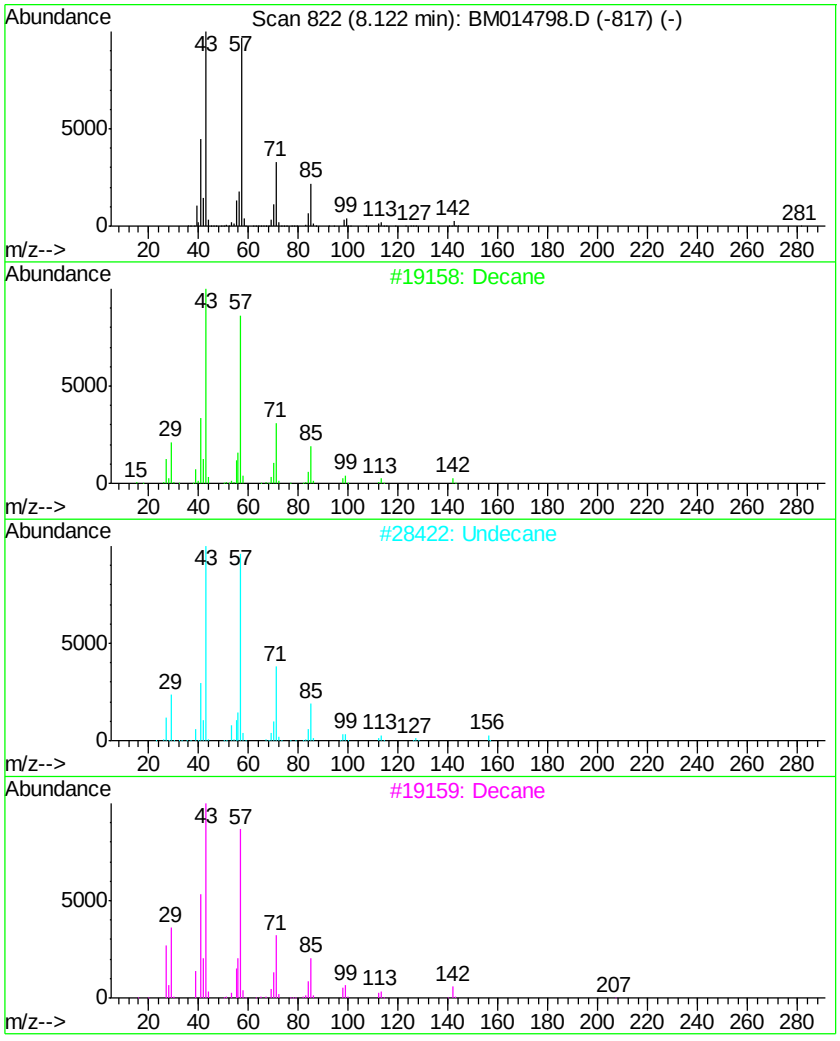
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

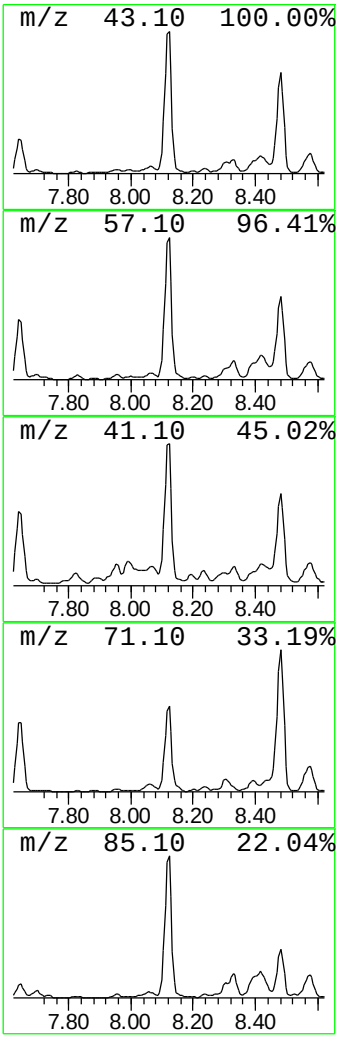
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	24.56 ng/ul	16144100	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	95
2	Undecane	156	C11H24	001120-21-4	90
3	Decane	142	C10H22	000124-18-5	78
4	Decane	142	C10H22	000124-18-5	78
5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

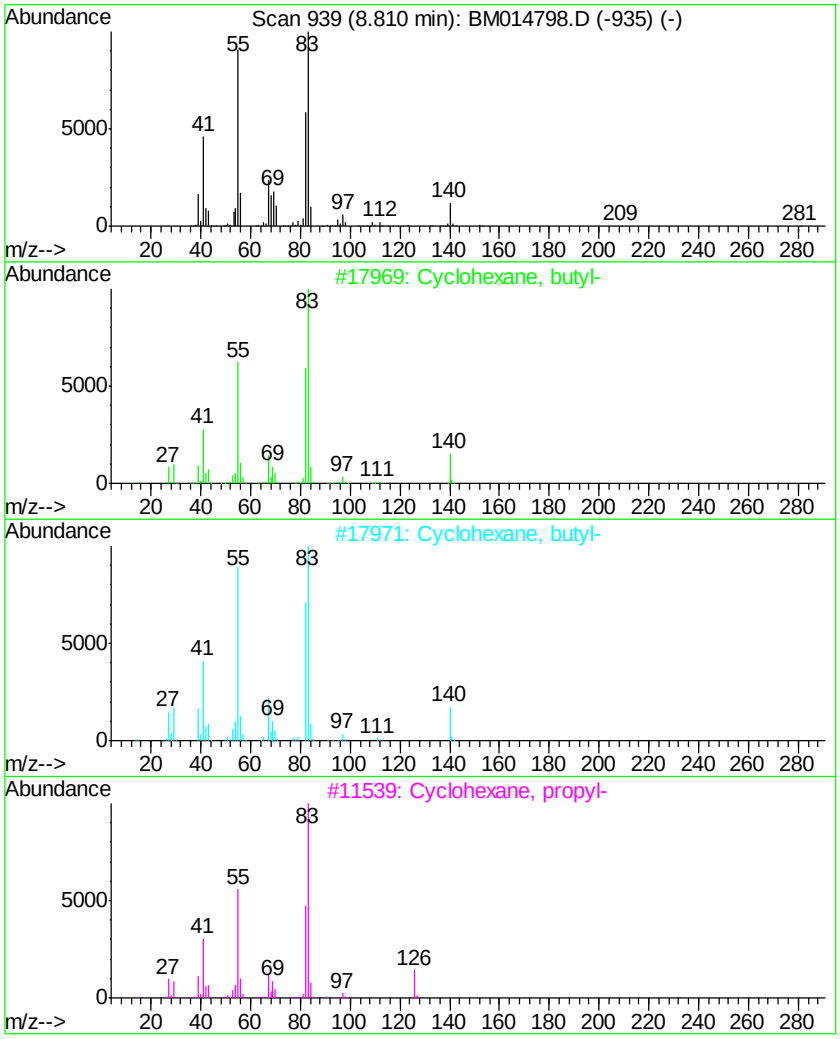
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

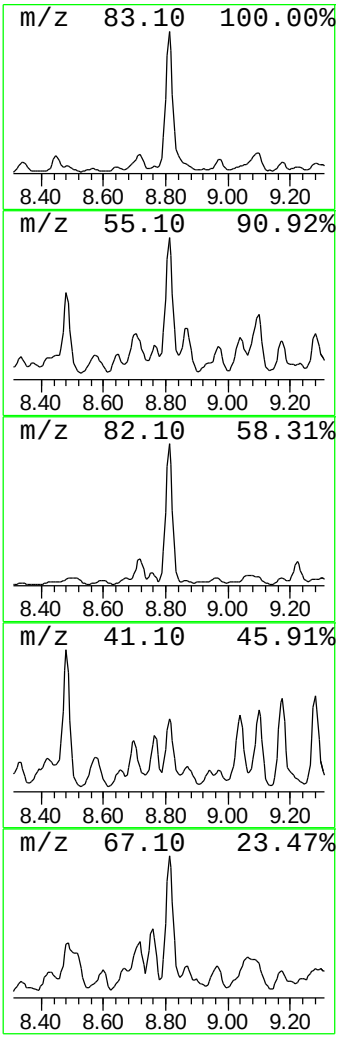
****

Peak Number 7 (DEL) Alkane: Cyclic8.81 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	8.92 ng/ul	5863770	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	91
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	83
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	78
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	78
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

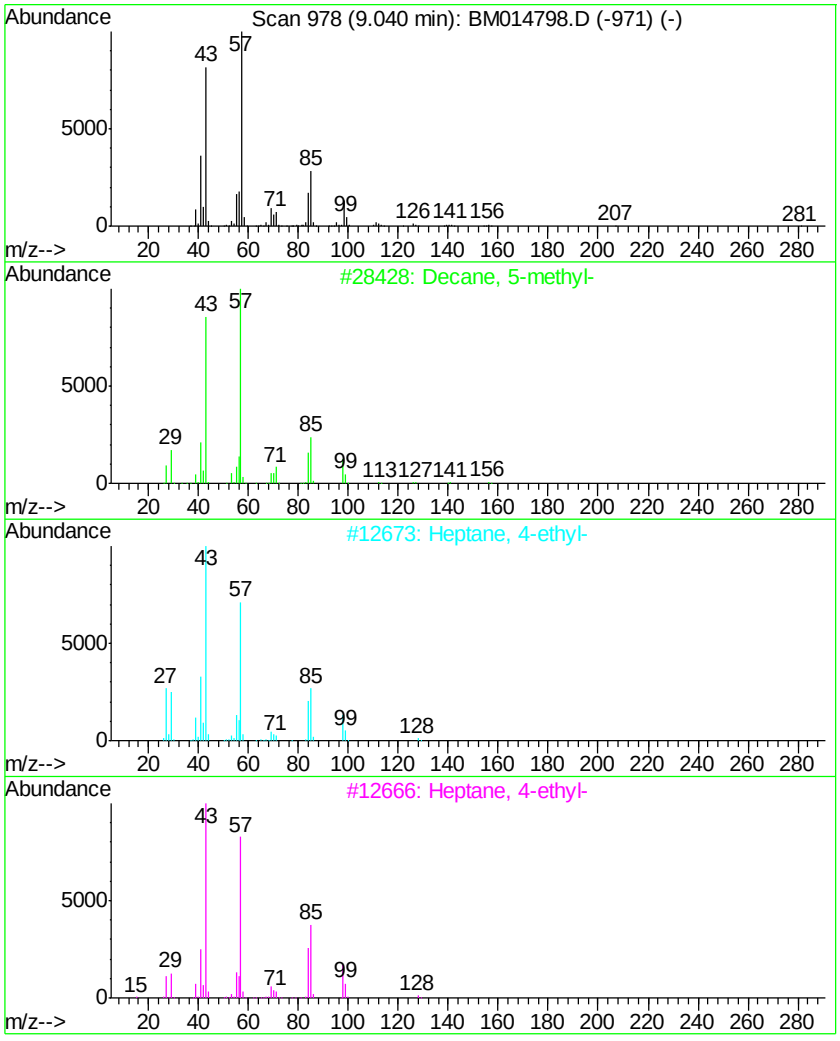
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

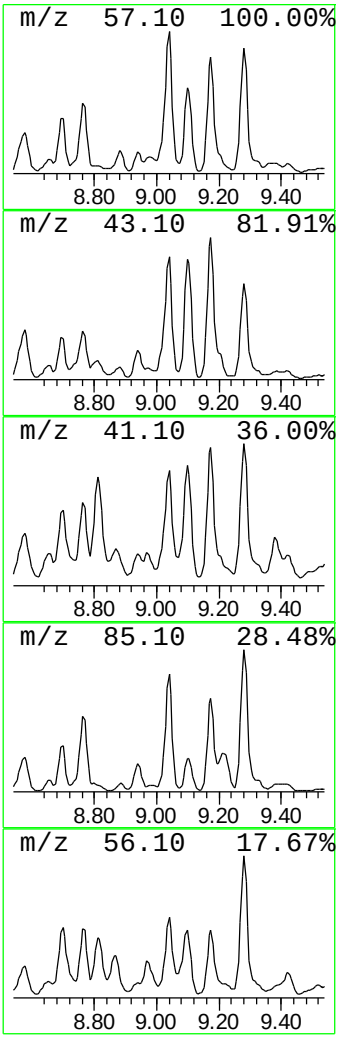
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	11.10 ng/ul	7297840	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	93
2	Heptane, 4-ethyl-	128	C9H20	002216-32-2	78
3	Heptane, 4-ethyl-	128	C9H20	002216-32-2	72
4	Heptane, 4-ethyl-	128	C9H20	002216-32-2	72
5	Hexane, 1-(hexyloxy)-4-methyl-	200	C13H28O	074421-20-8	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

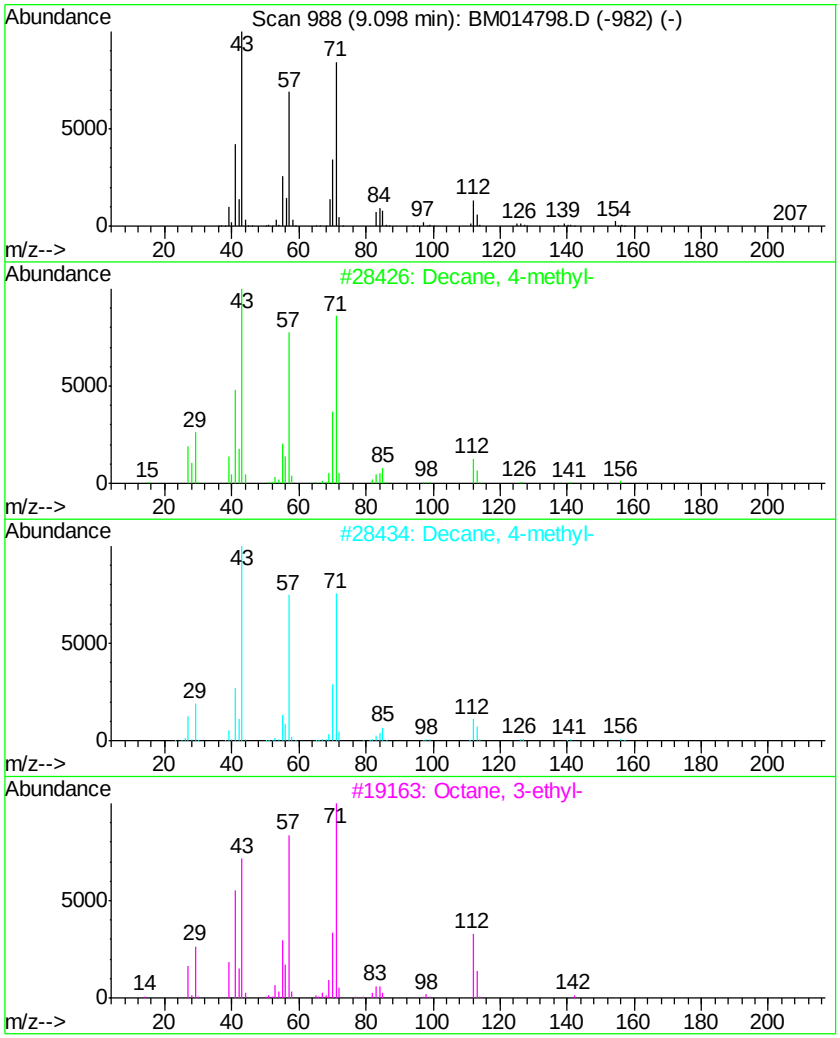
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

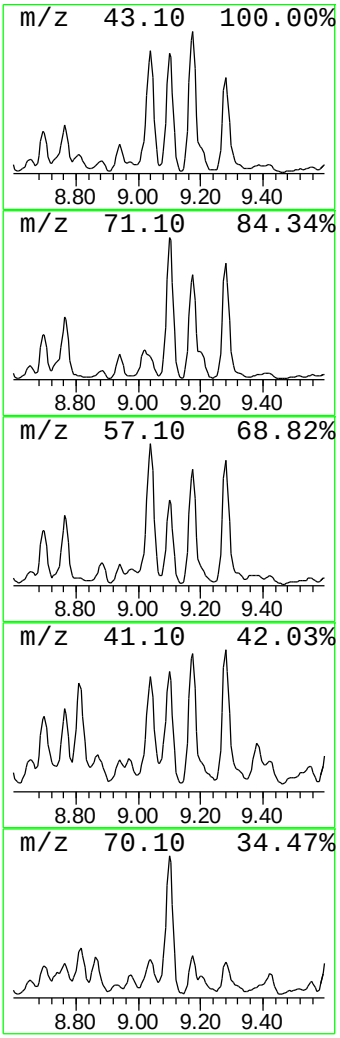
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	13.43 ng/ul	8830370	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	91
2	Decane, 4-methyl-	156	C11H24	002847-72-5	86
3	Octane, 3-ethyl-	142	C10H22	005881-17-4	83
4	Decane, 4-methyl-	156	C11H24	002847-72-5	78
5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

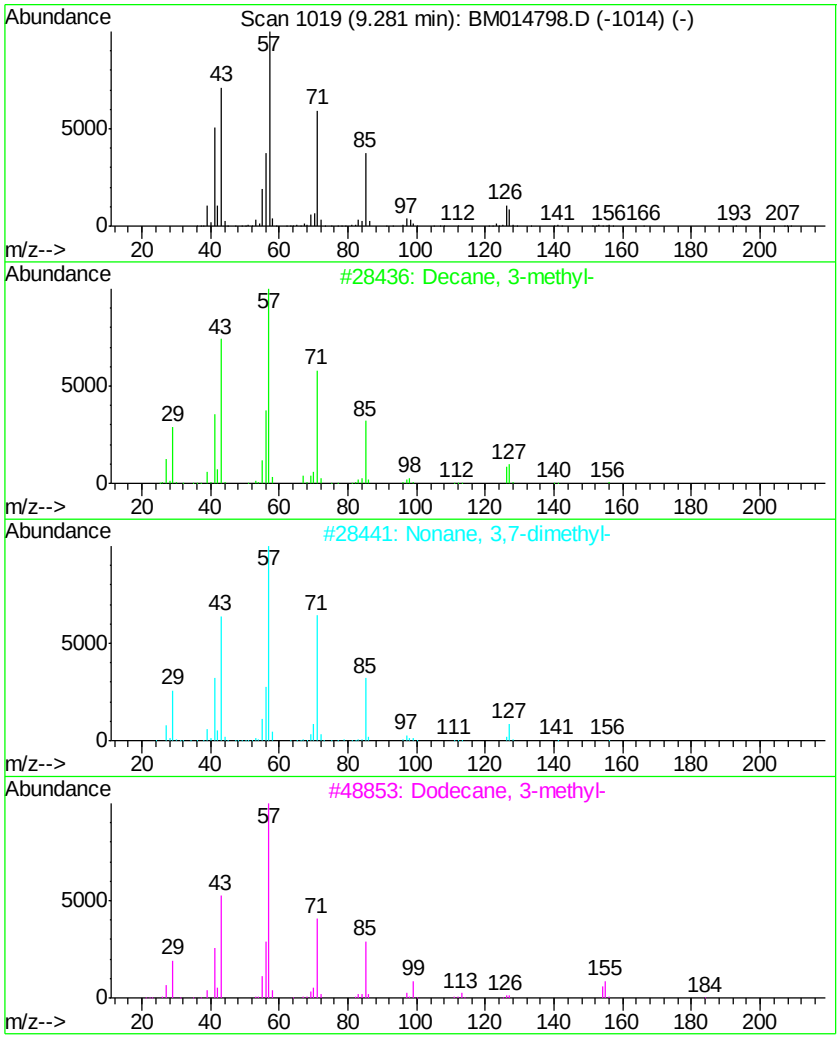
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

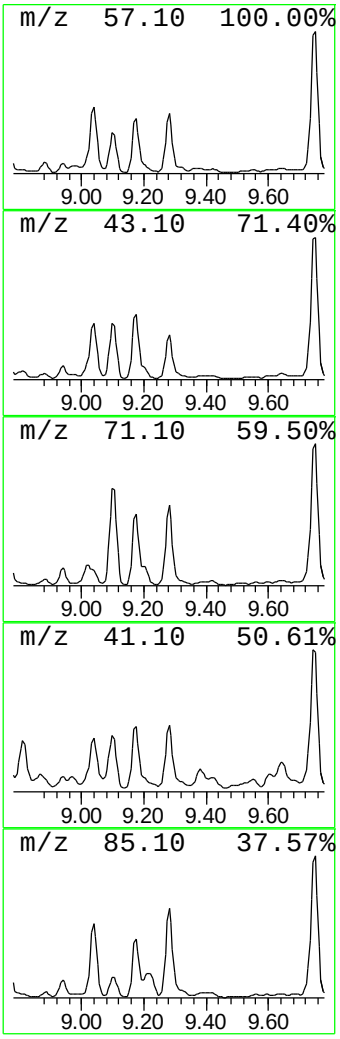
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	11.06 ng/ul	7273080	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	94
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	59





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

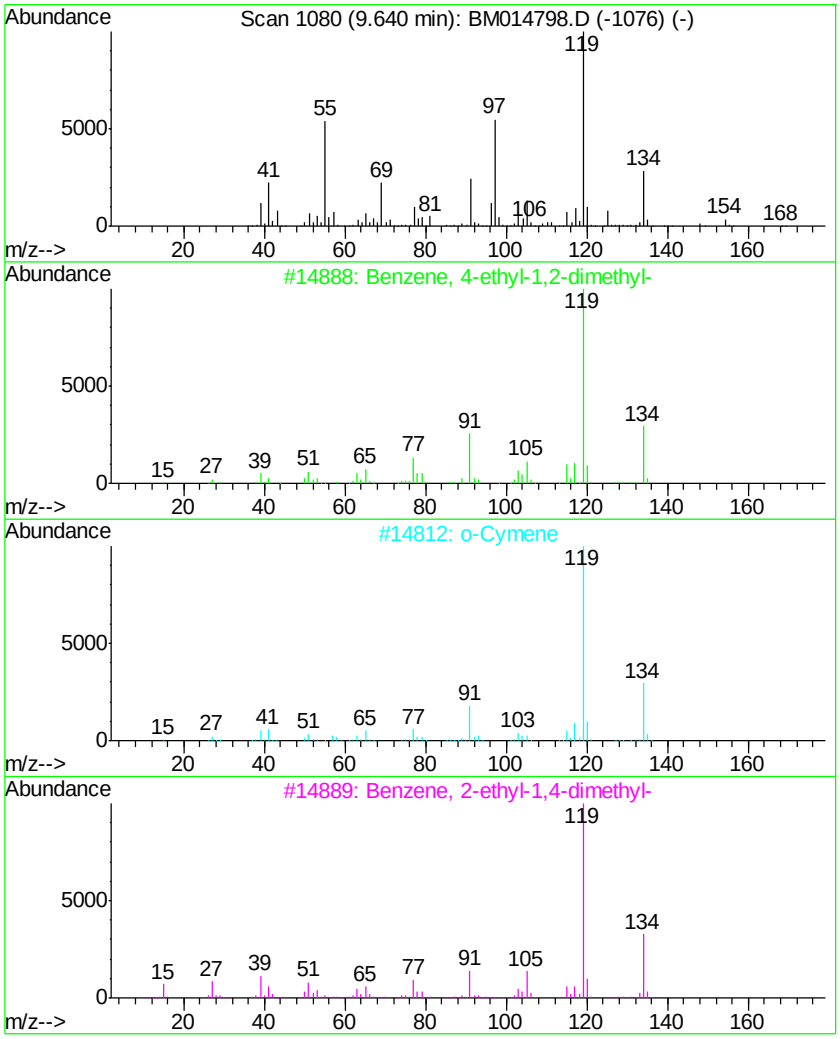
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

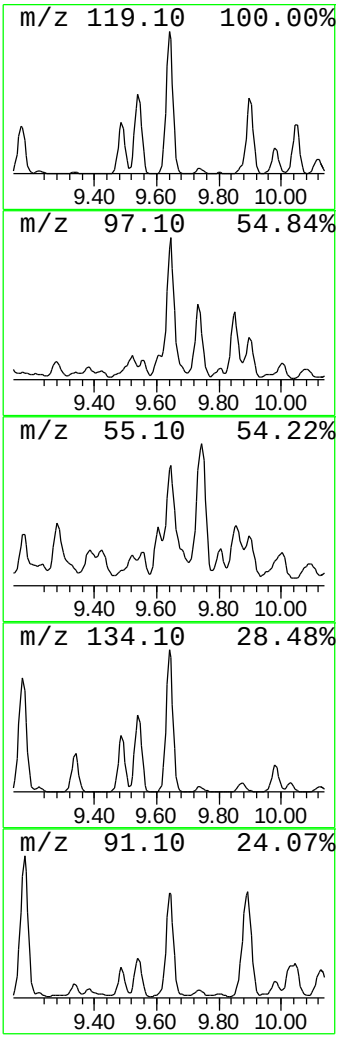
****

Peak Number 11 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	10.55 ng/ul	6937110	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	93
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	92
4	p-Cymene	134	C10H14	000099-87-6	92
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	92





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

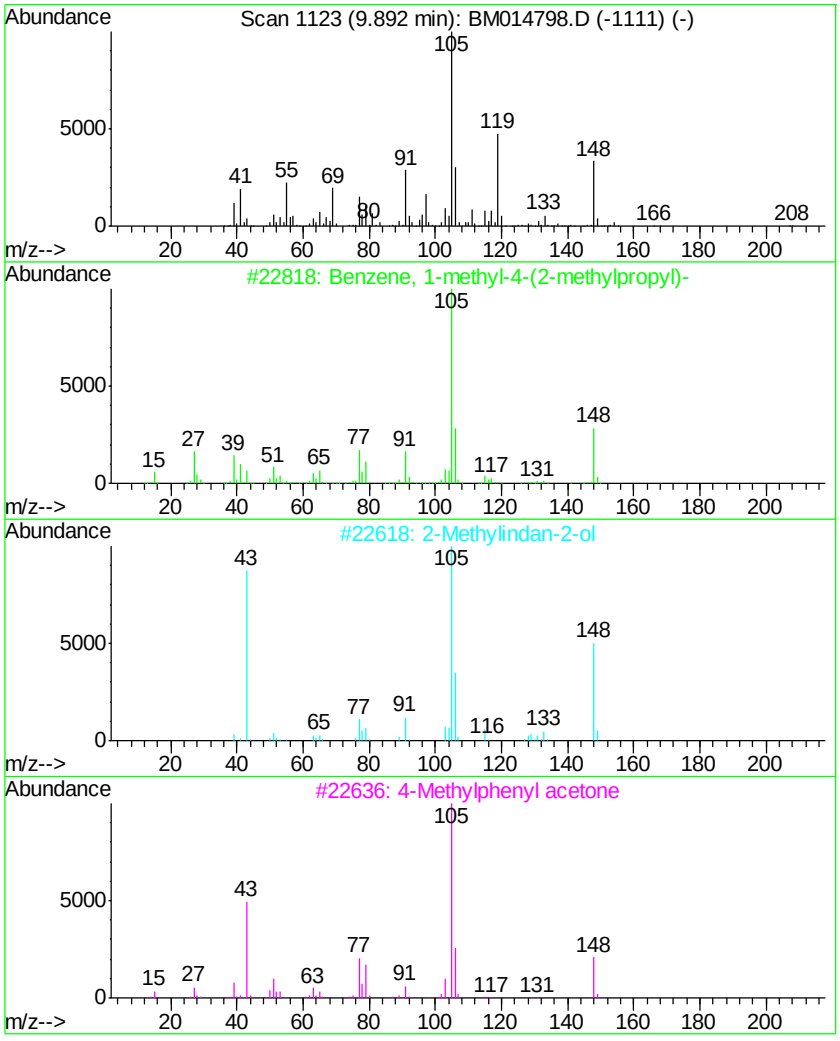
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

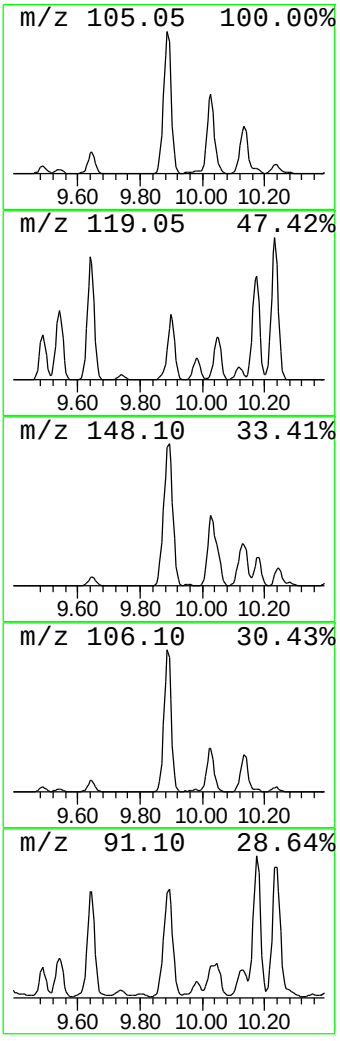
****

Peak Number 12 Benzene, 1-methyl-4-(2-meth... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	11.68 ng/ul	7681780	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	50
2	2-Methylindan-2-ol	148	C10H12O	033223-84-6	46
3	4-Methylphenyl acetone	148	C10H12O	002096-86-8	46
4	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	38
5	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	30





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

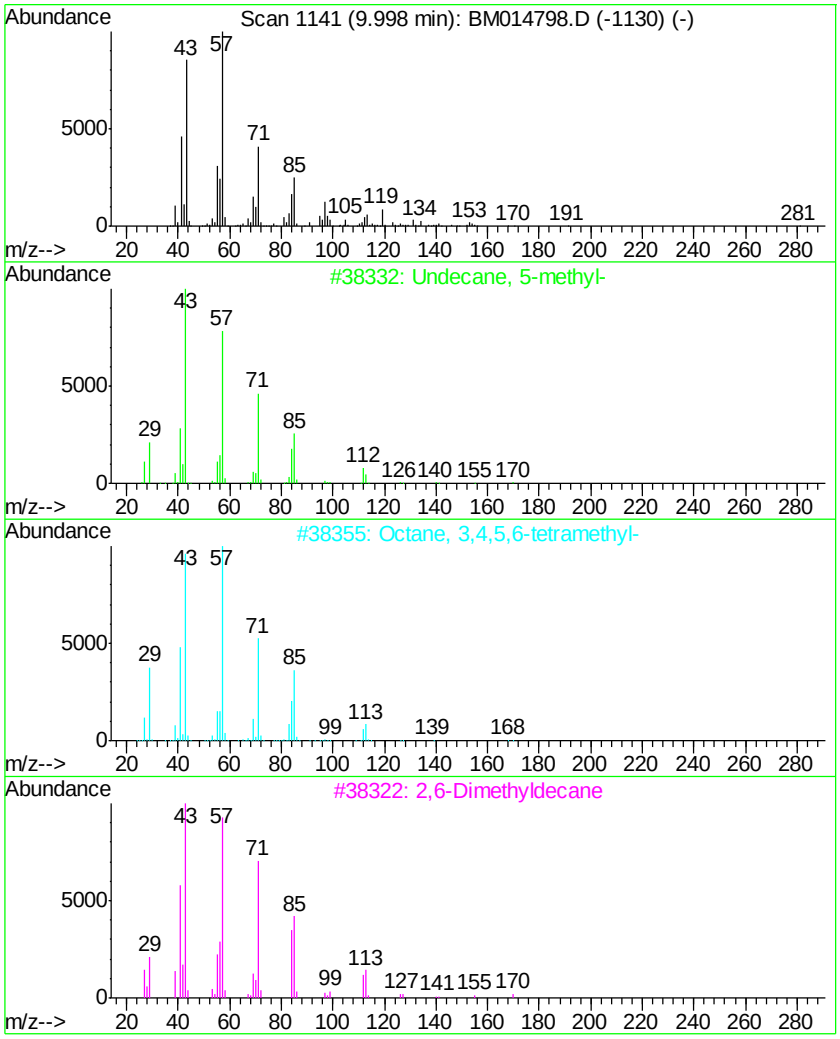
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

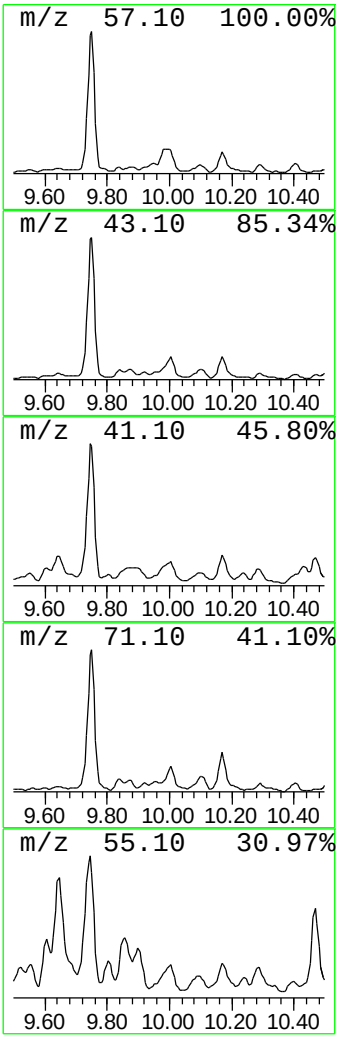
****

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	17.84 ng/ul	6143500	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	76
2	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	64
3	2,6-Dimethyldecane	170	C12H26	013150-81-7	64
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	59
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

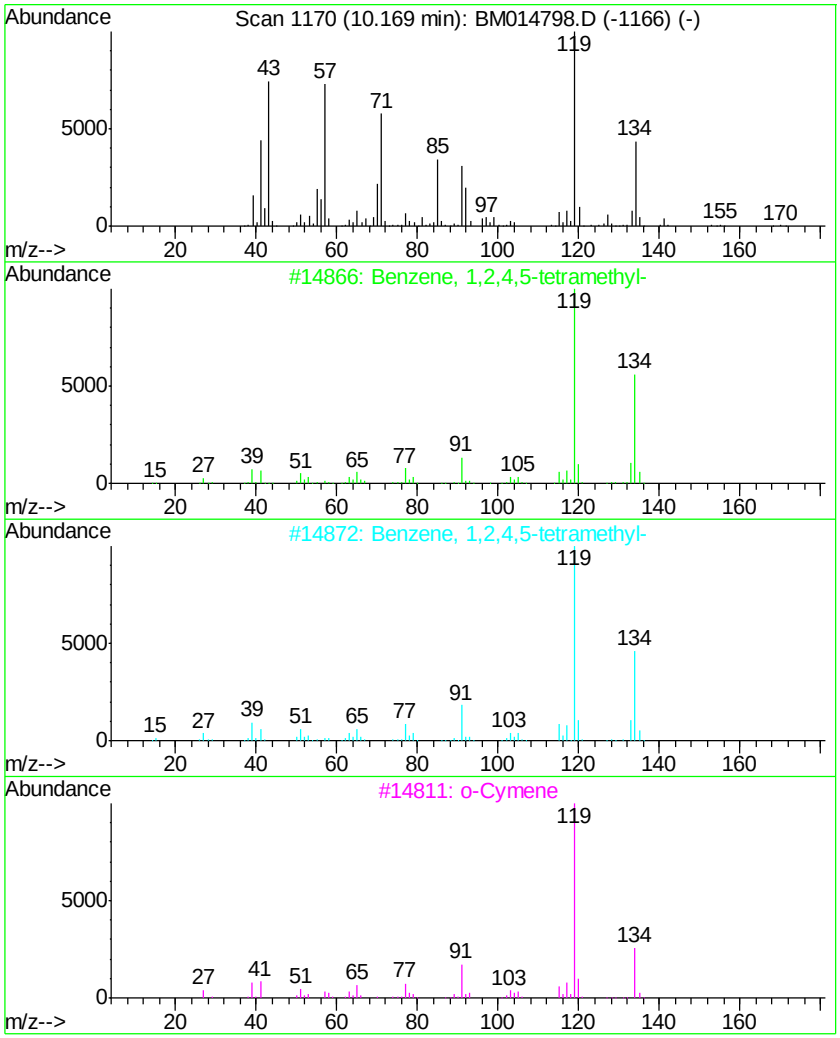
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

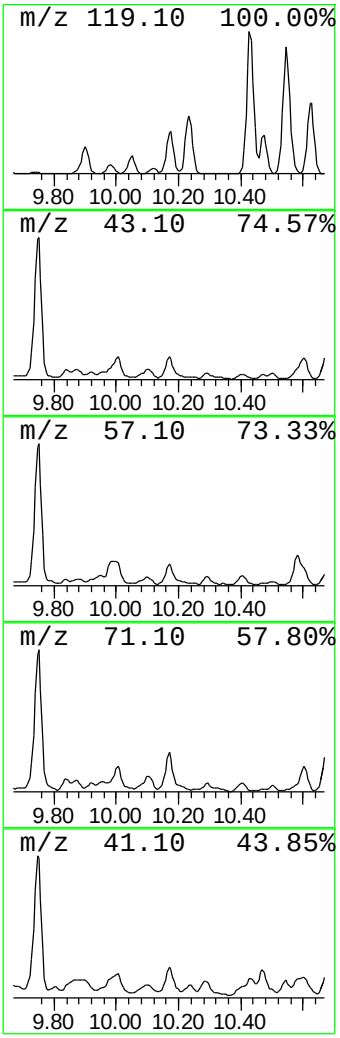
****

Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	17.00 ng/ul	5851980	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	86
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	50
3	o-Cymene	134	C10H14	000527-84-4	50
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	50
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	50





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

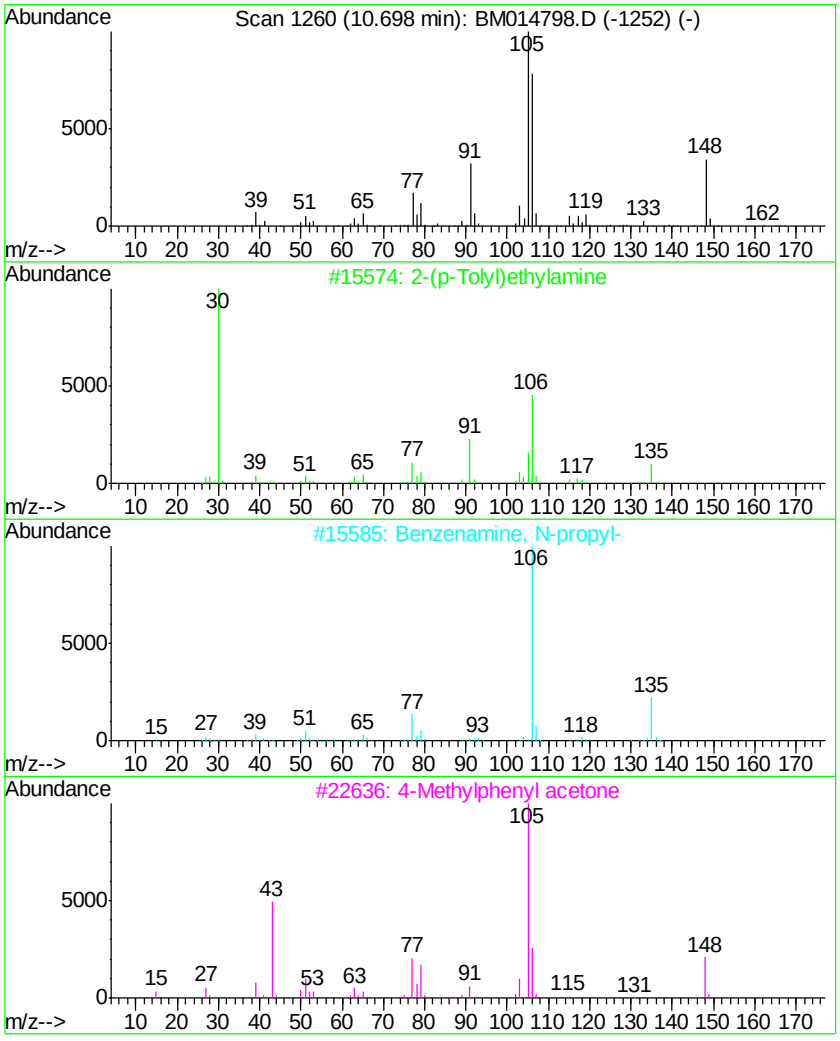
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

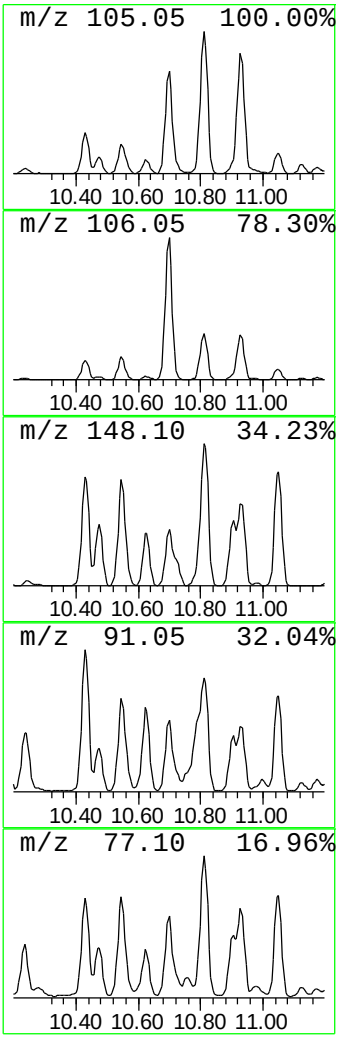
****

Peak Number 17 2-(p-Tolyl)ethylamine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	18.91 ng/ul	6510030	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(p-Tolyl)ethylamine	135	C9H13N	003261-62-9	53
2	Benzenamine, N-propyl-	135	C9H13N	000622-80-0	46
3	4-Methylphenyl acetone	148	C10H12O	002096-86-8	46
4	Benzenamine, N-propyl-	135	C9H13N	000622-80-0	43
5	Benzeneacetic acid, .alpha.-amin...	151	C8H9NO2	002935-35-5	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

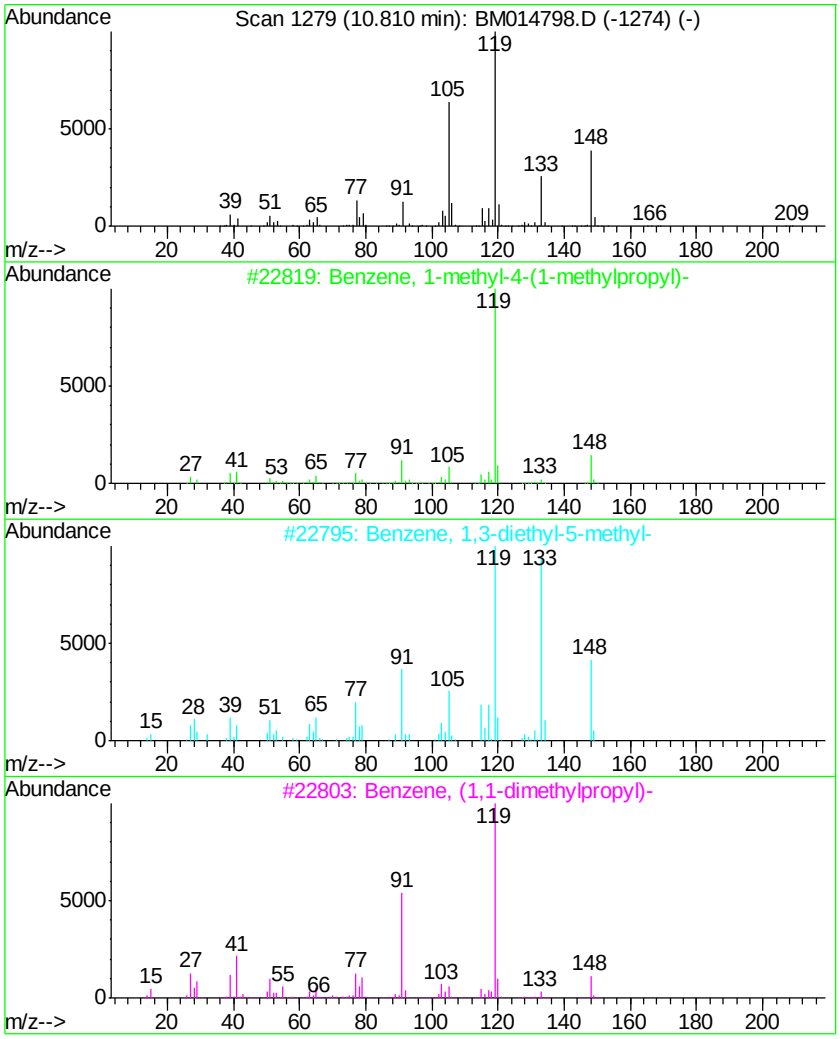
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

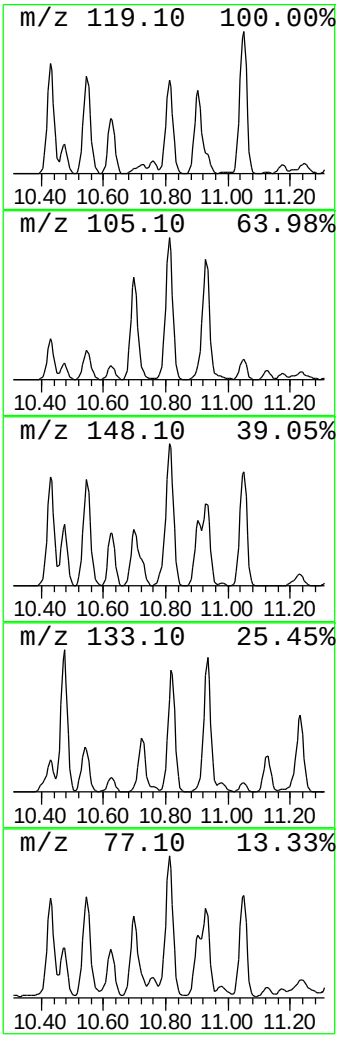
****

Peak Number 18 Benzene, 1-methyl-4-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	27.48 ng/ul	9462540	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	87
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	59
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	53
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

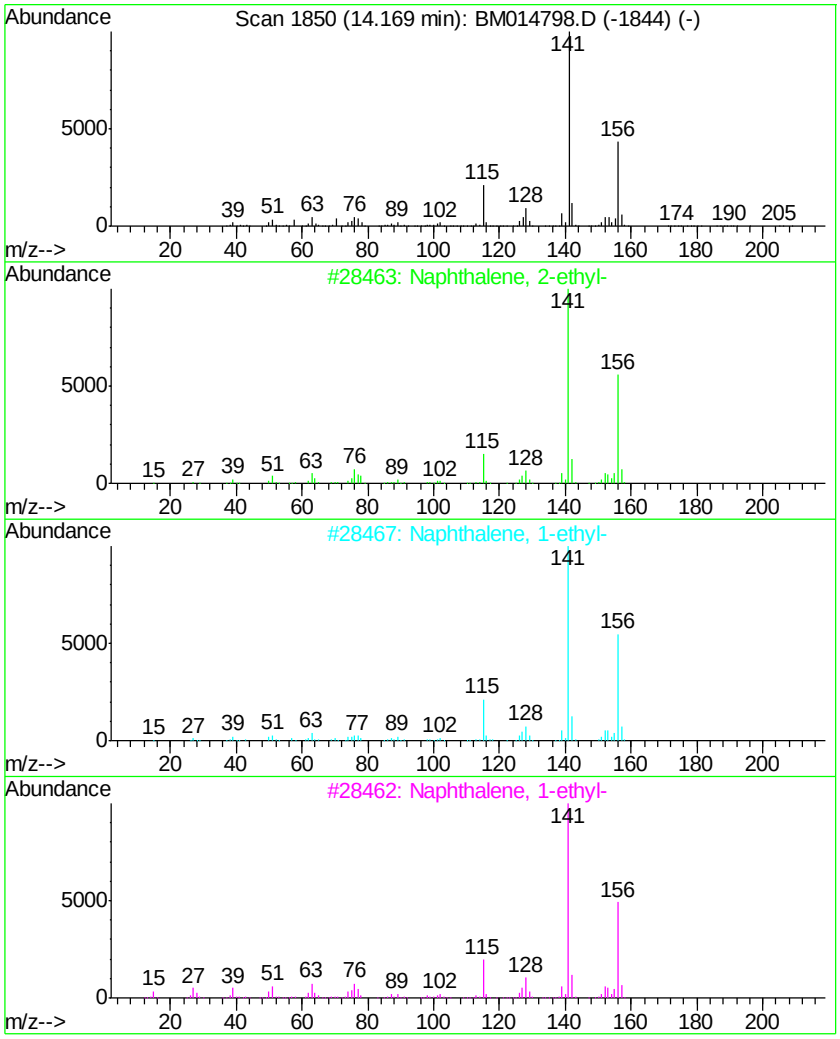
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

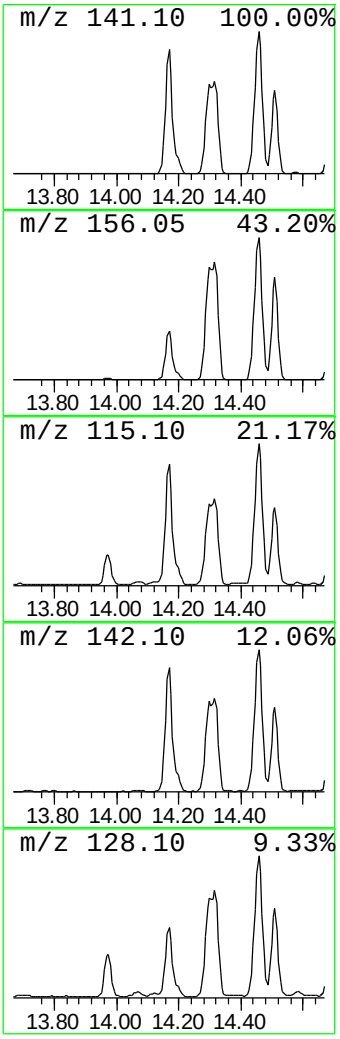
****

Peak Number 21 Naphthalene, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	17.98 ng/ul	9180400	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

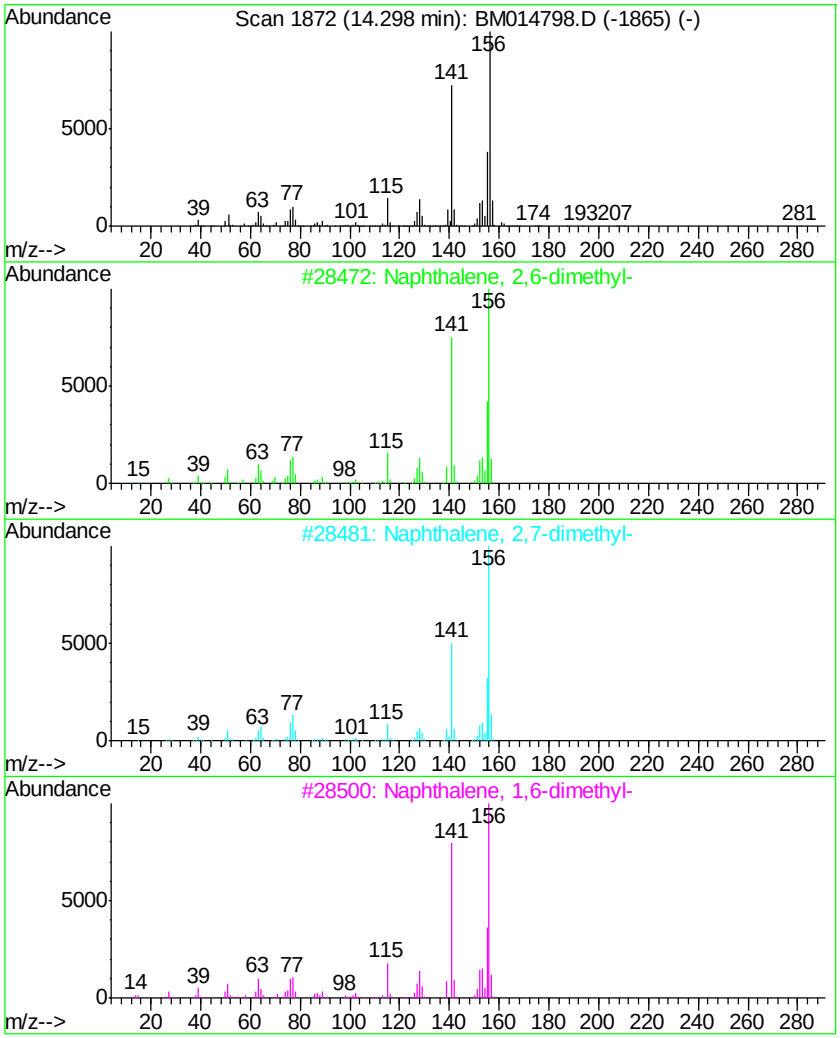
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

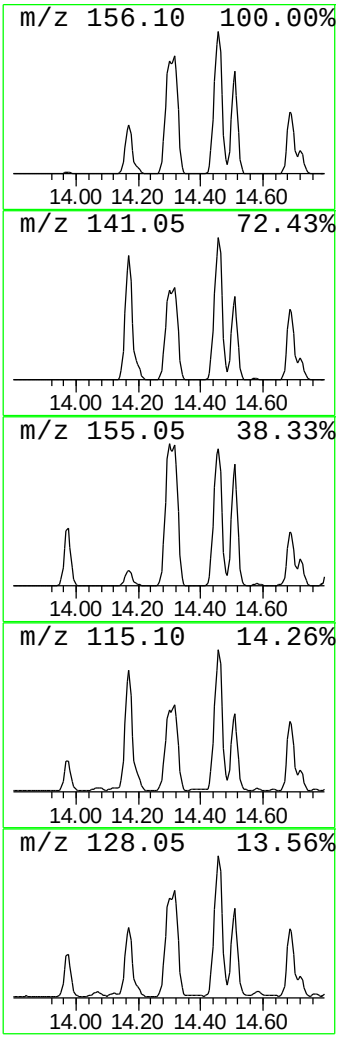
****

Peak Number 22 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	19.81 ng/ul	10113300	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

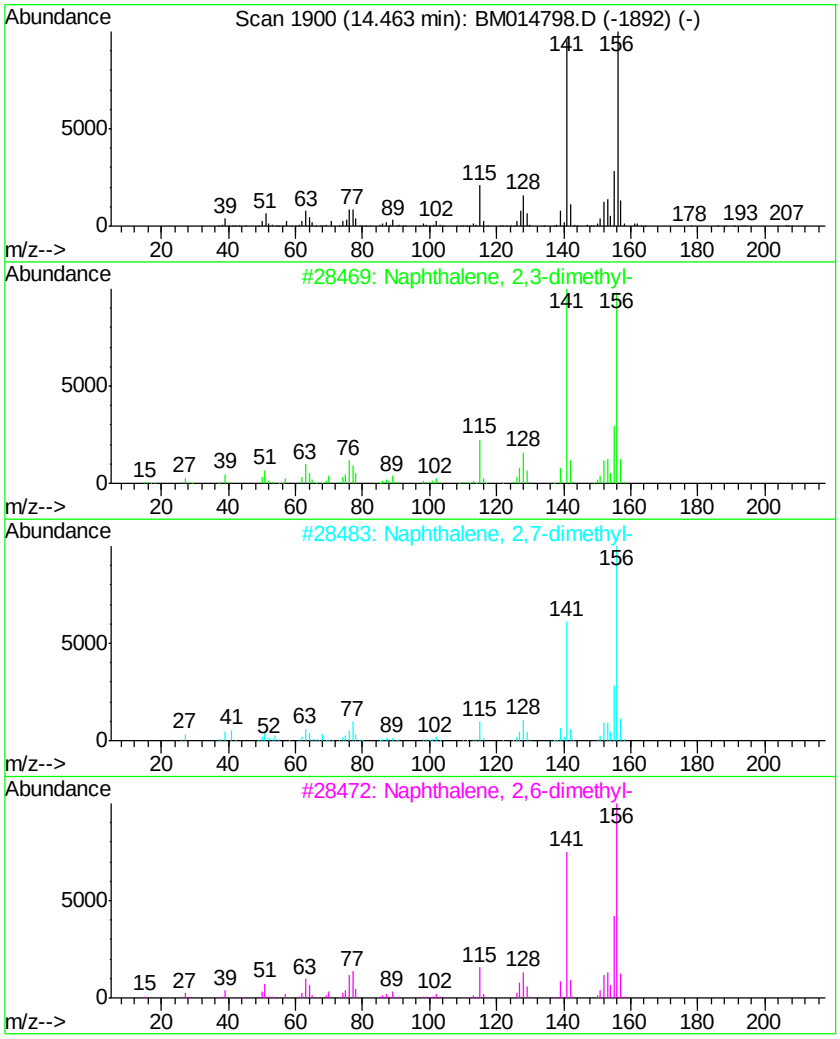
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

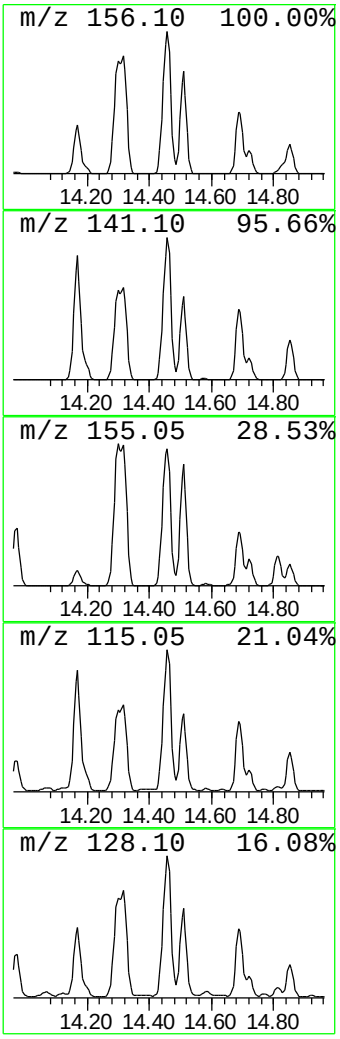
****

Peak Number 23 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	34.65 ng/ul	17689900	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

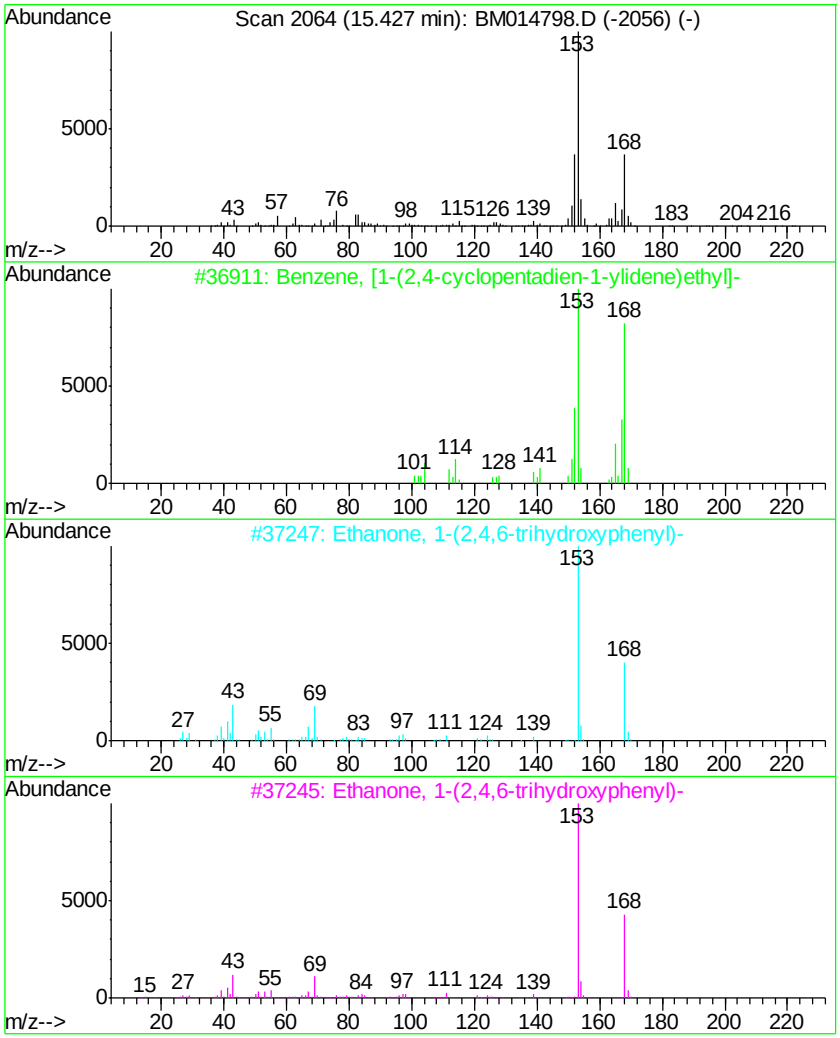
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

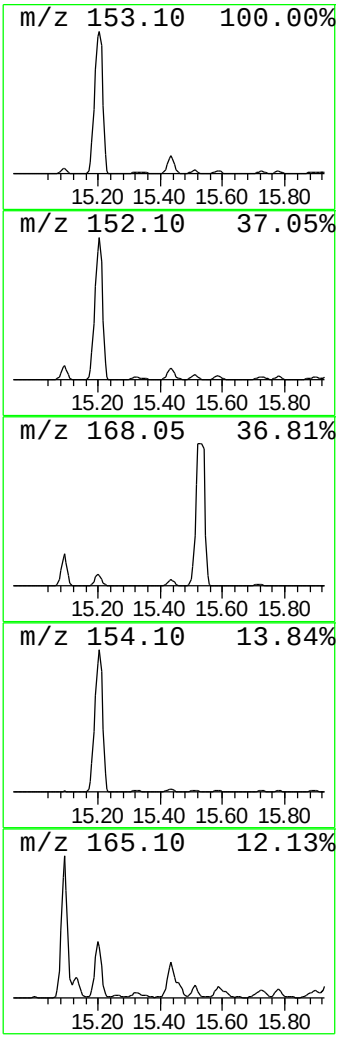
****

Peak Number 25 Benzene, [1-(2,4-cyclopenta... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	14.79 ng/ul	7549970	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	80
2	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	52
3	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	52
4	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	50
5	Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

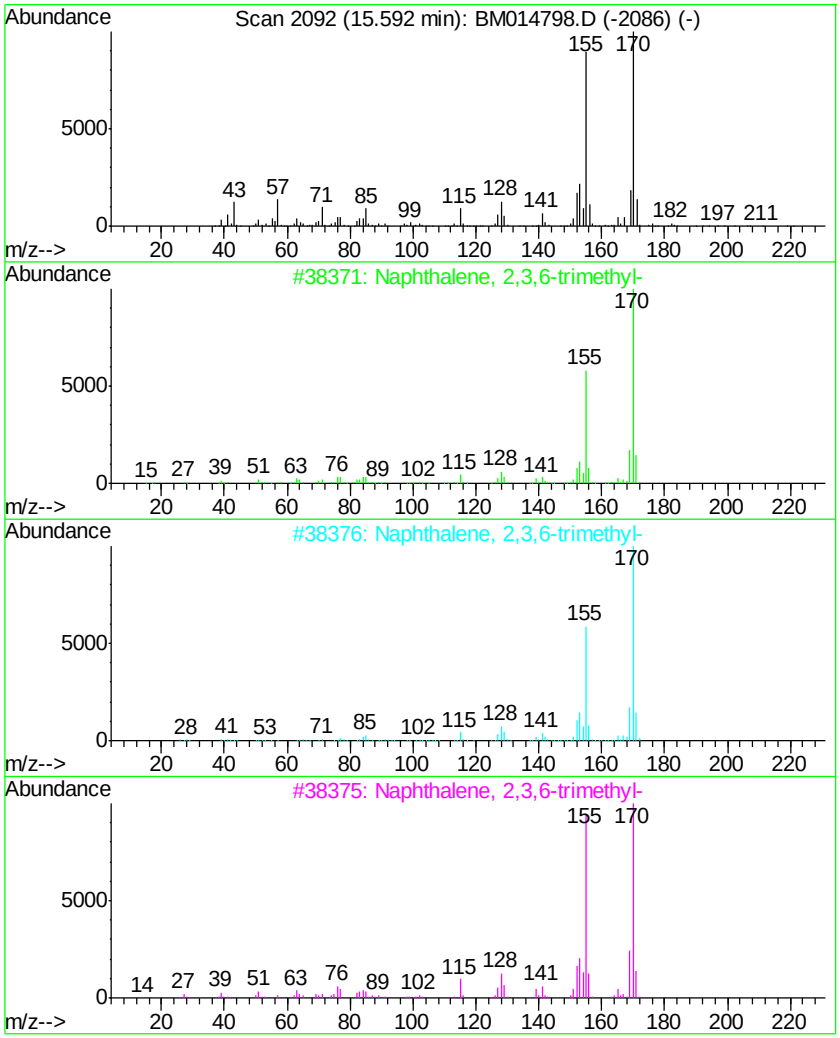
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

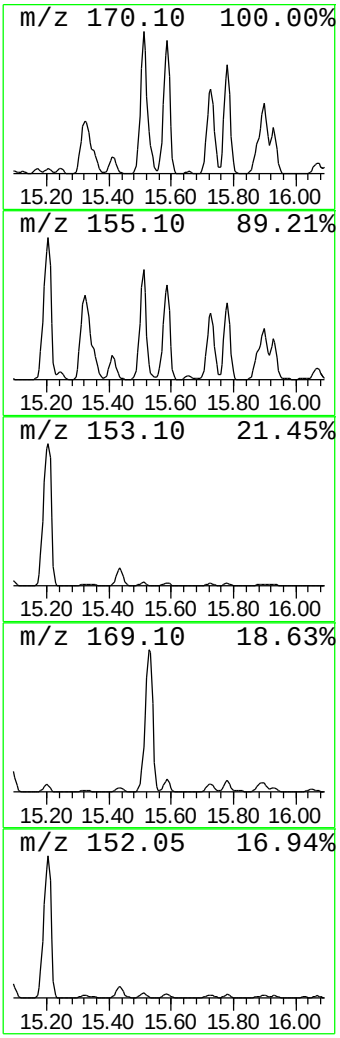
****

Peak Number 26 Naphthalene, 2,3,6-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	10.50 ng/ul	5360850	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

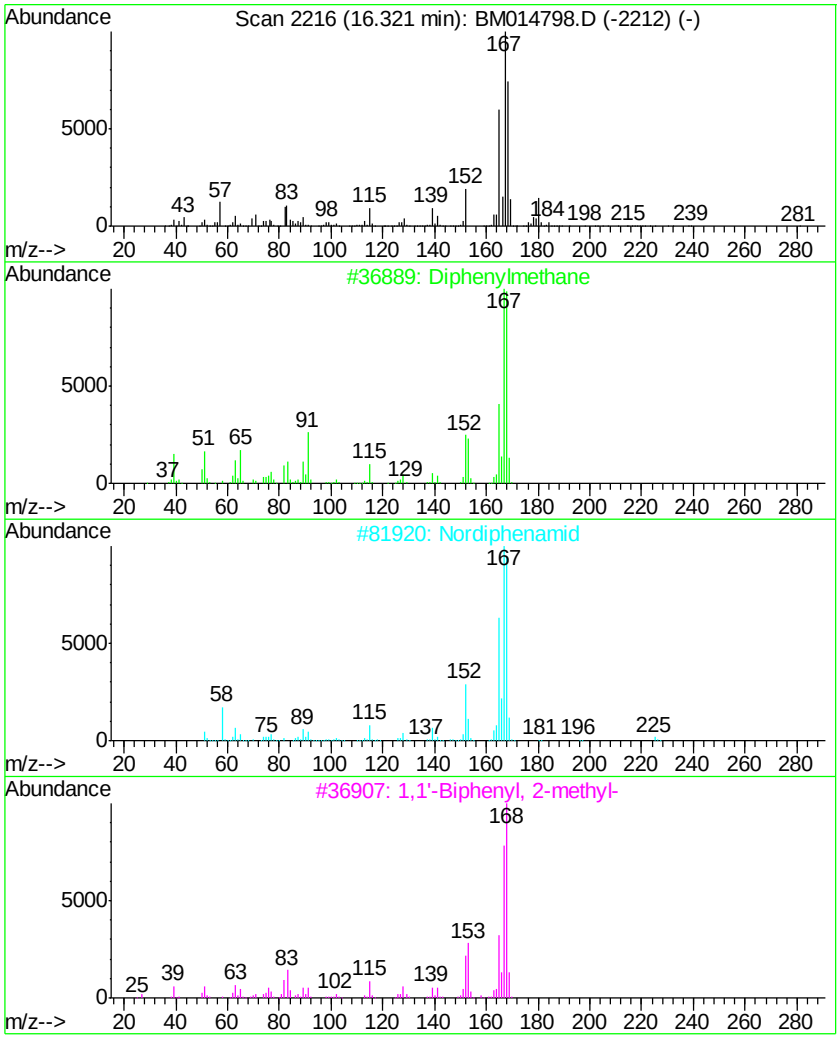
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

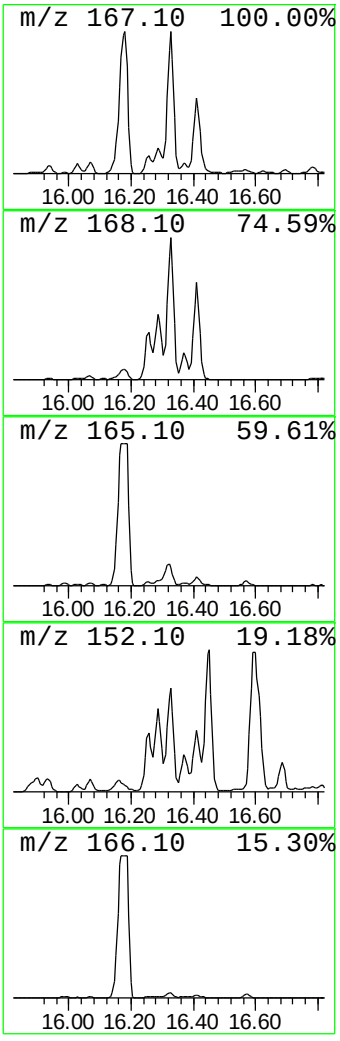
****

Peak Number 28 Diphenylmethane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	35.79 ng/ul	18273800	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	89
2	Nordiphenamid	225	C15H15NO	000954-21-2	64
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	60
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	60
5	Diphenylmethane	168	C13H12	000101-81-5	53





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

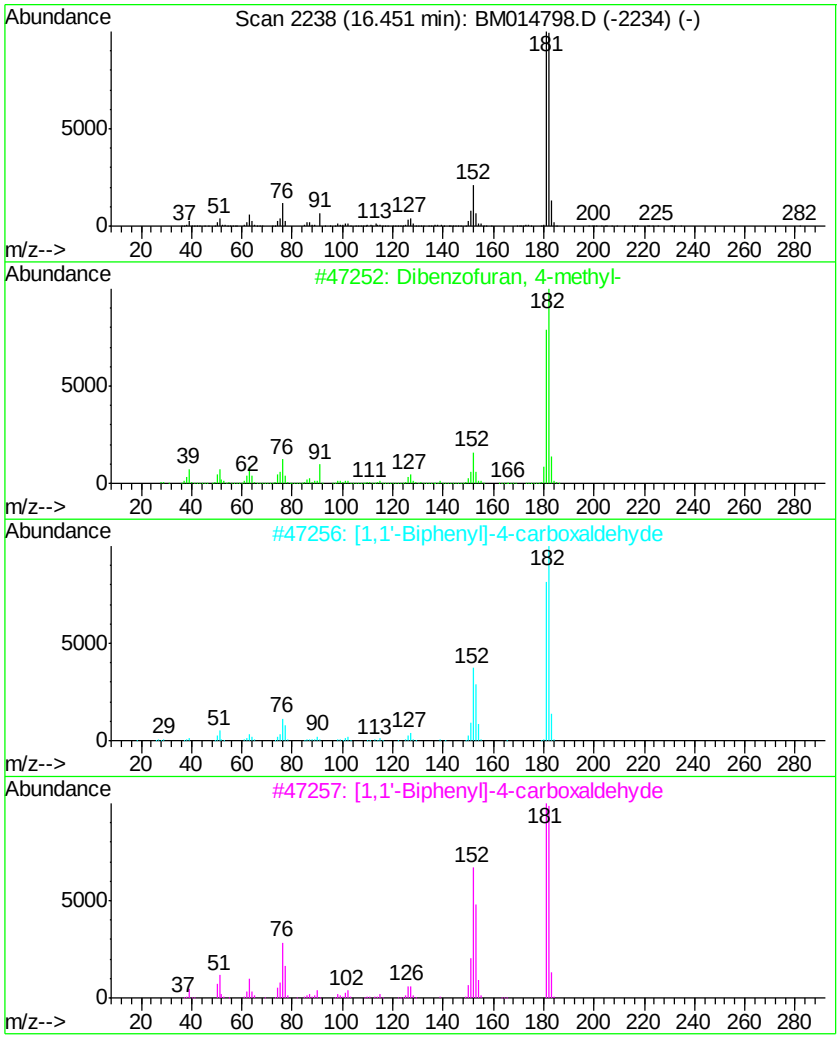
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

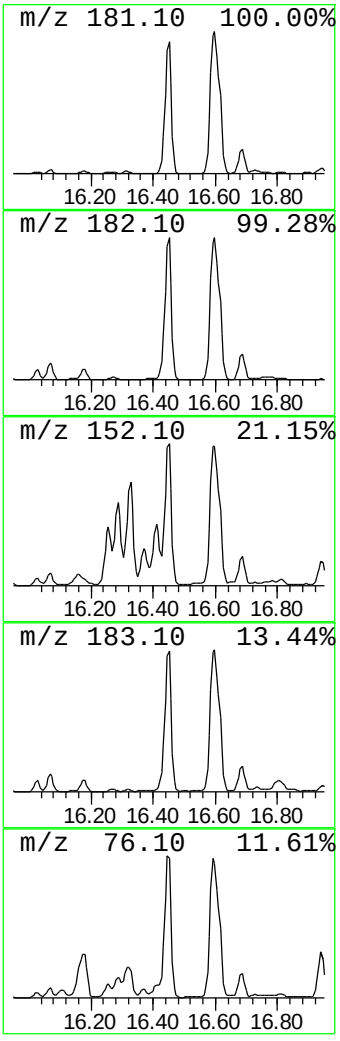
****

Peak Number 30 Dibenzofuran, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	34.38 ng/ul	17552600	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

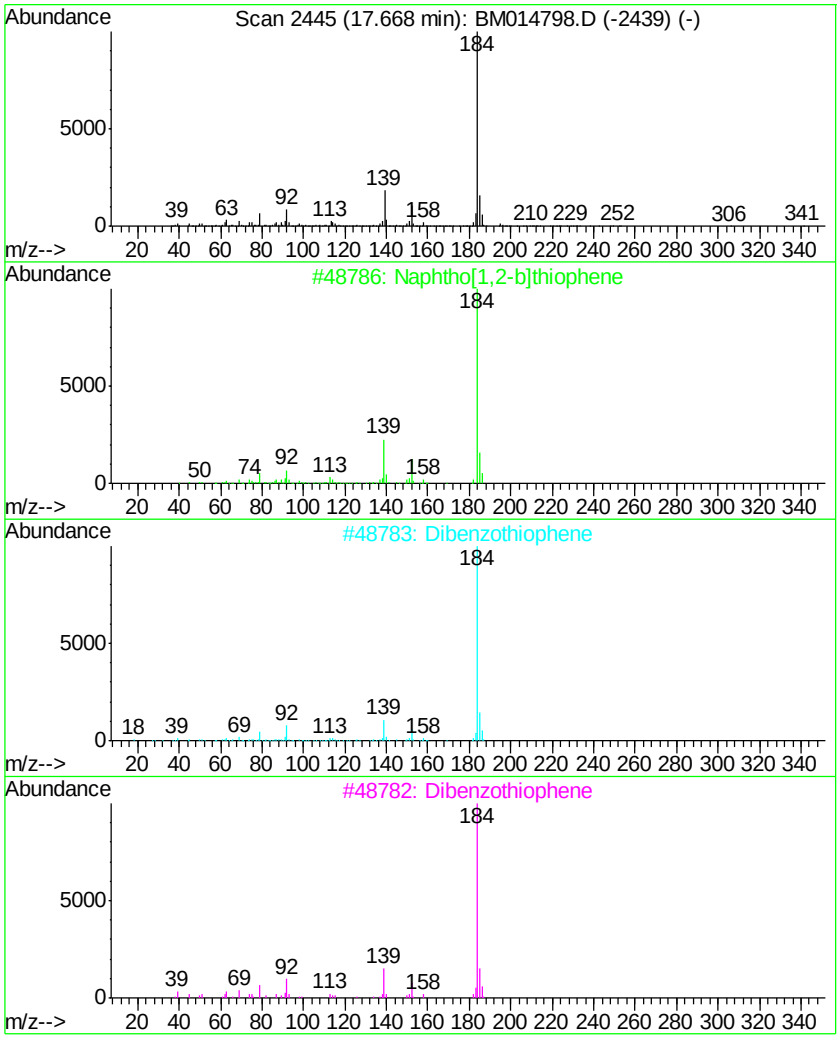
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

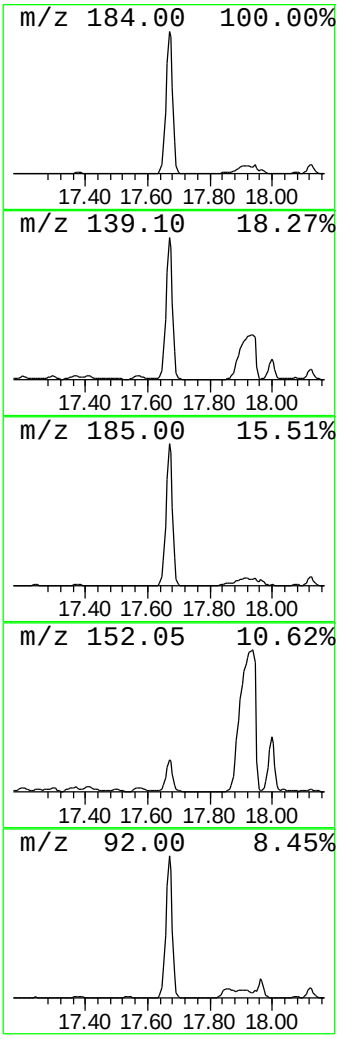
****

Peak Number 32 Naphtho[1,2-b]thiophene Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	2.73 ng/ul	31005600	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
5	Dibenzothiophene	184	C12H8S	000132-65-0	96





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

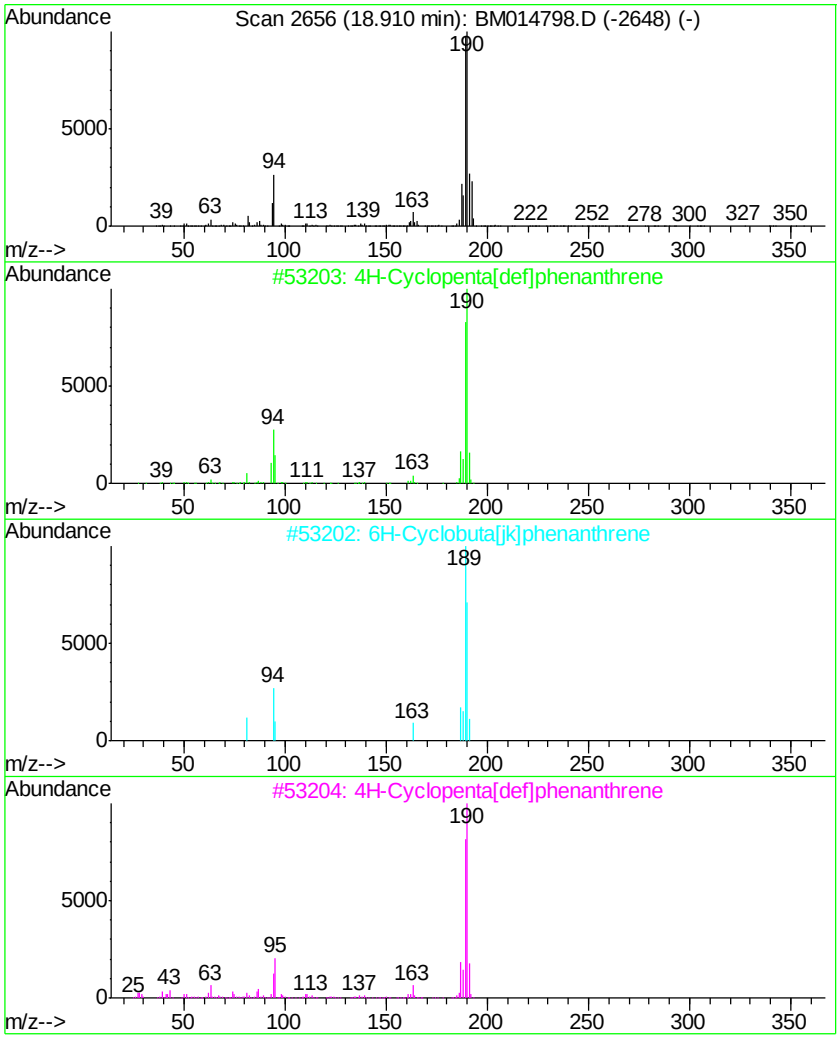
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

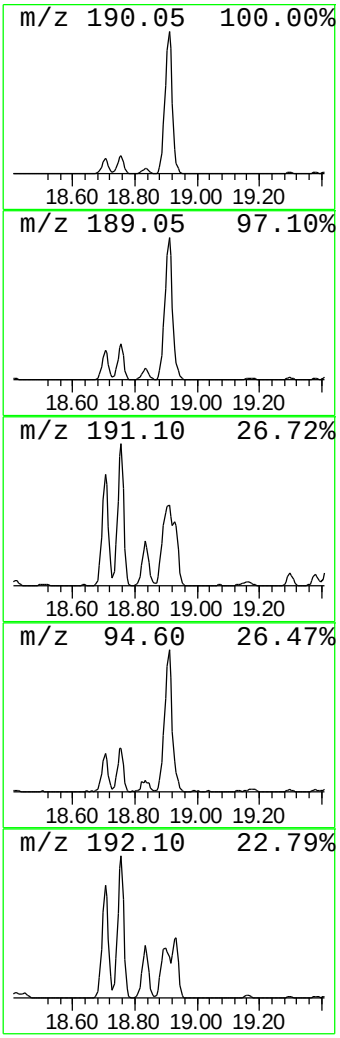
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 4H-Cyclopenta[def]phenanthrene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	6.06 ng/ul	68895700	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

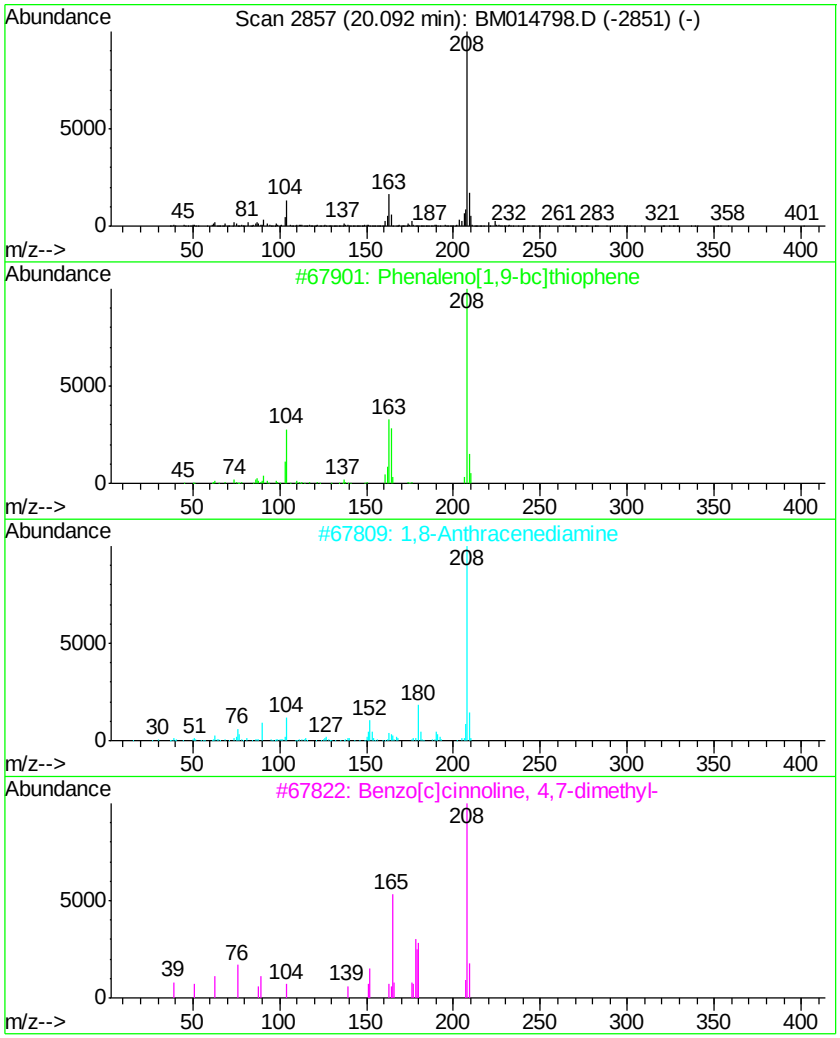
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

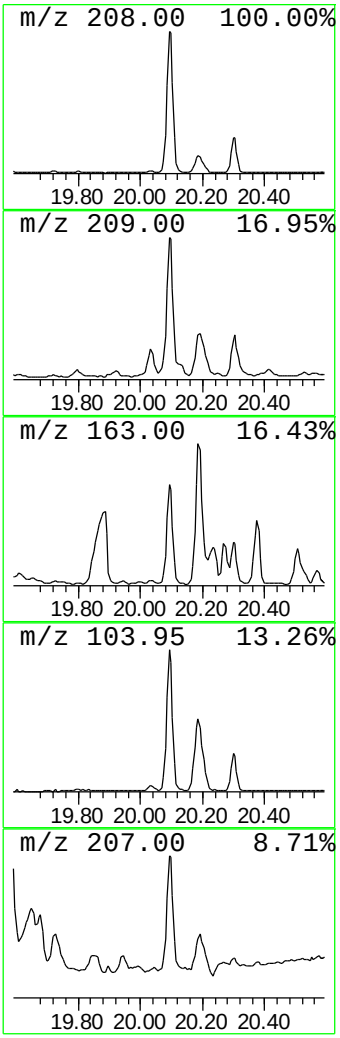
****

Peak Number 34 Phenaleno[1,9-bc]thiophene Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	2.66 ng/ul	9312380	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenaleno[1,9-bc]thiophene	208	C14H8S	079965-99-4	83
2	1,8-Anthracenediamine	208	C14H12N2	139312-39-3	72
3	Benzo[c]cinnoline, 4,7-dimethyl-	208	C14H12N2	020684-54-2	72
4	2,4,6,8-Tetrathiatricyclo[3.3.1....	208	C6H8S4	000281-38-9	64
5	1,6-Dimethylphenazine	208	C14H12N2	058718-43-7	59





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

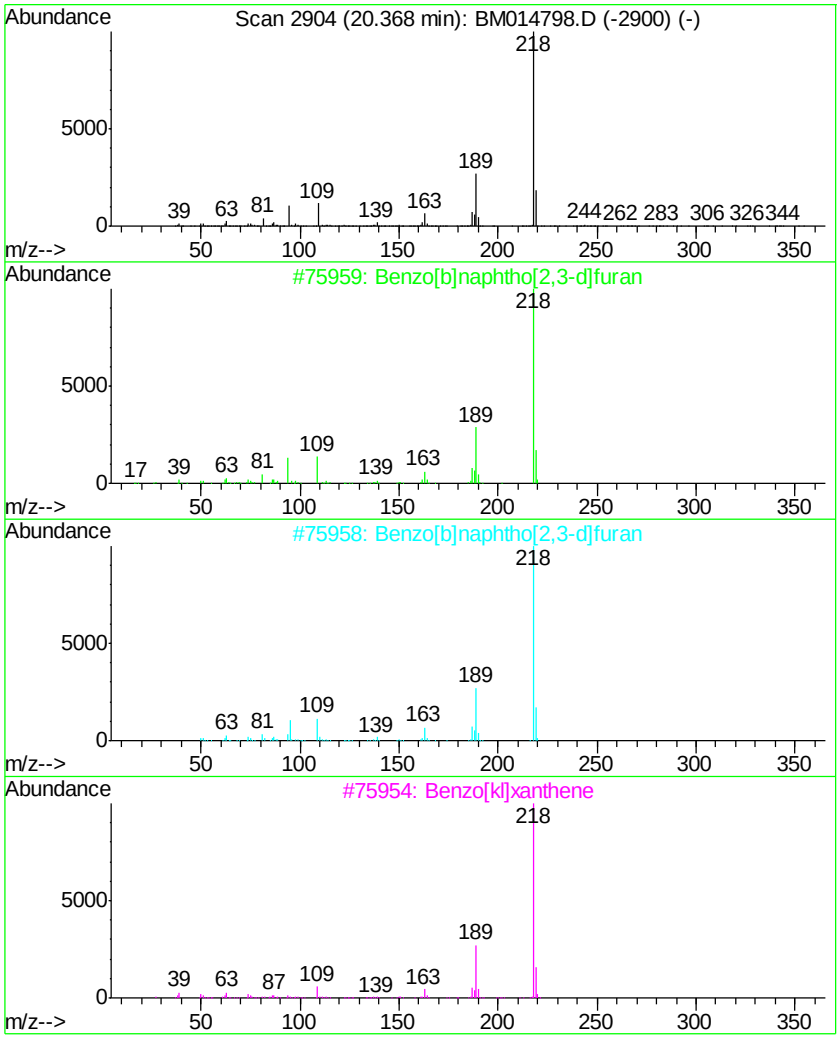
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

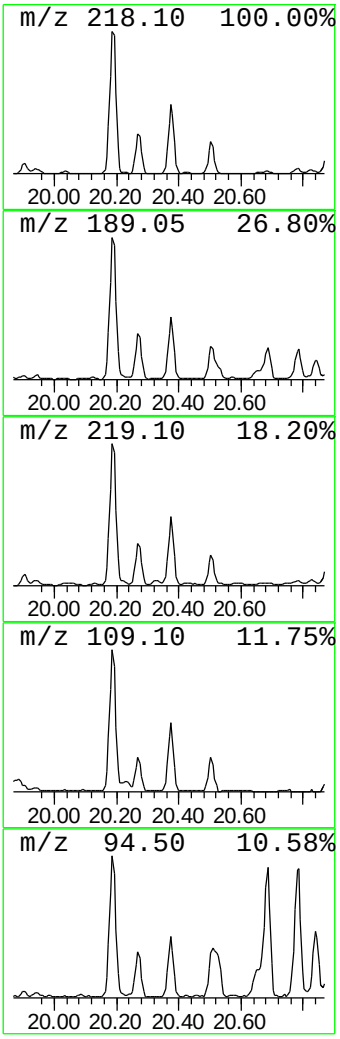
****

Peak Number 35 Benzo[b]naphtho[2,3-d]furan Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	2.66 ng/ul	9313870	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	96
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	96
3	Benzo[kl]xanthene	218	C16H10O	000200-23-7	95
4	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	94
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

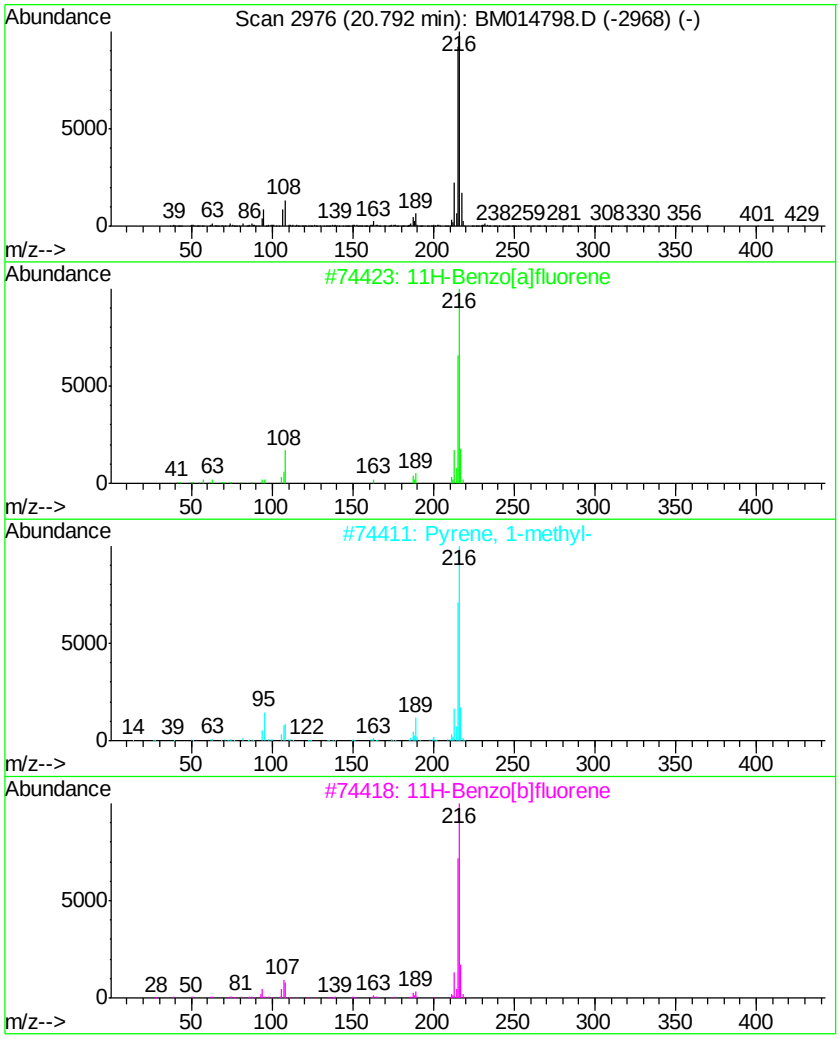
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

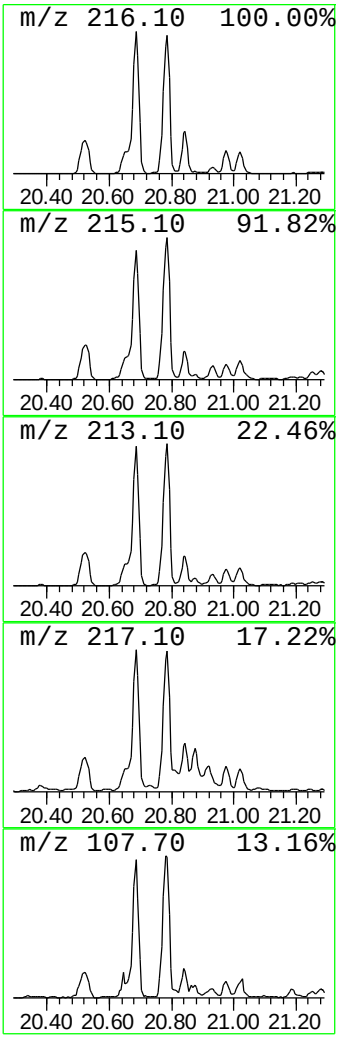
****

Peak Number 38 11H-Benzo[a]fluorene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	8.63 ng/ul	30225300	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

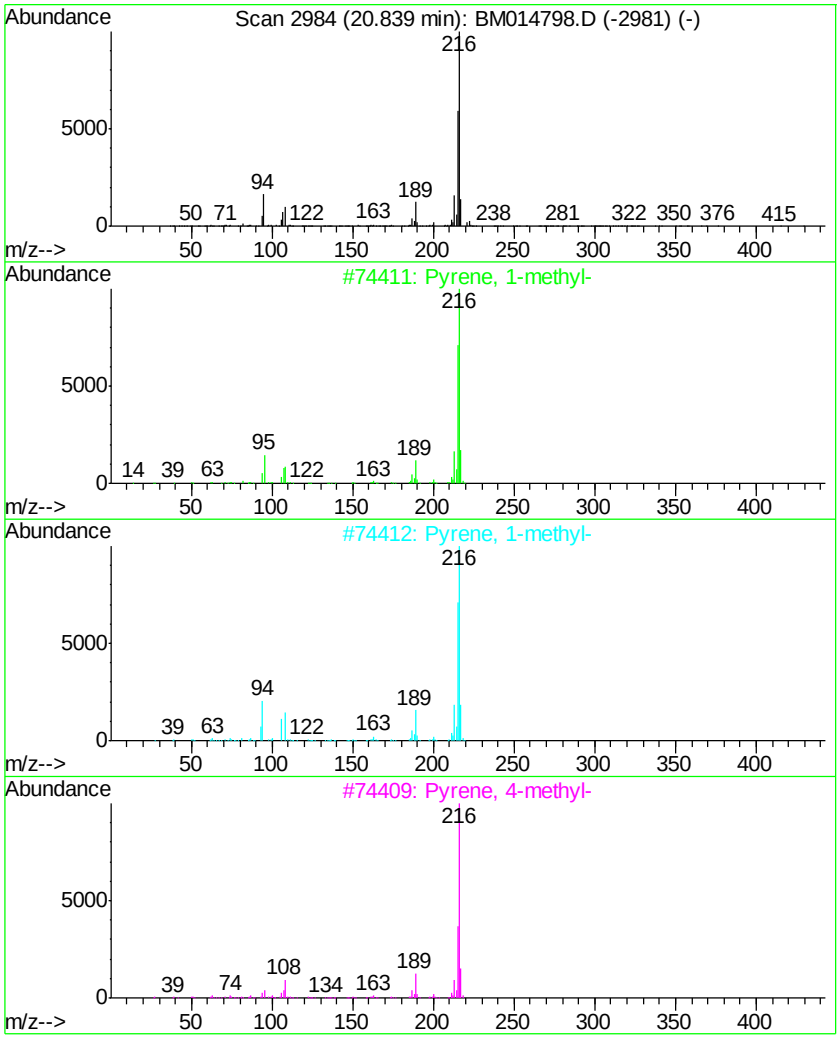
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

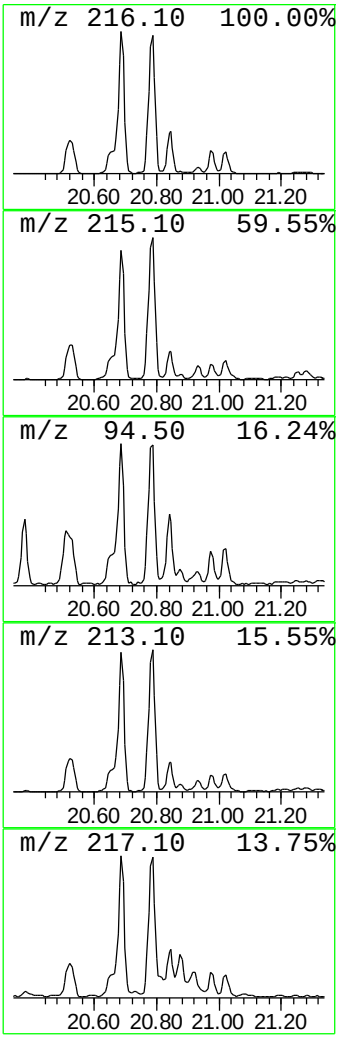
****

Peak Number 39 Pyrene, 1-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	2.72 ng/ul	9533910	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

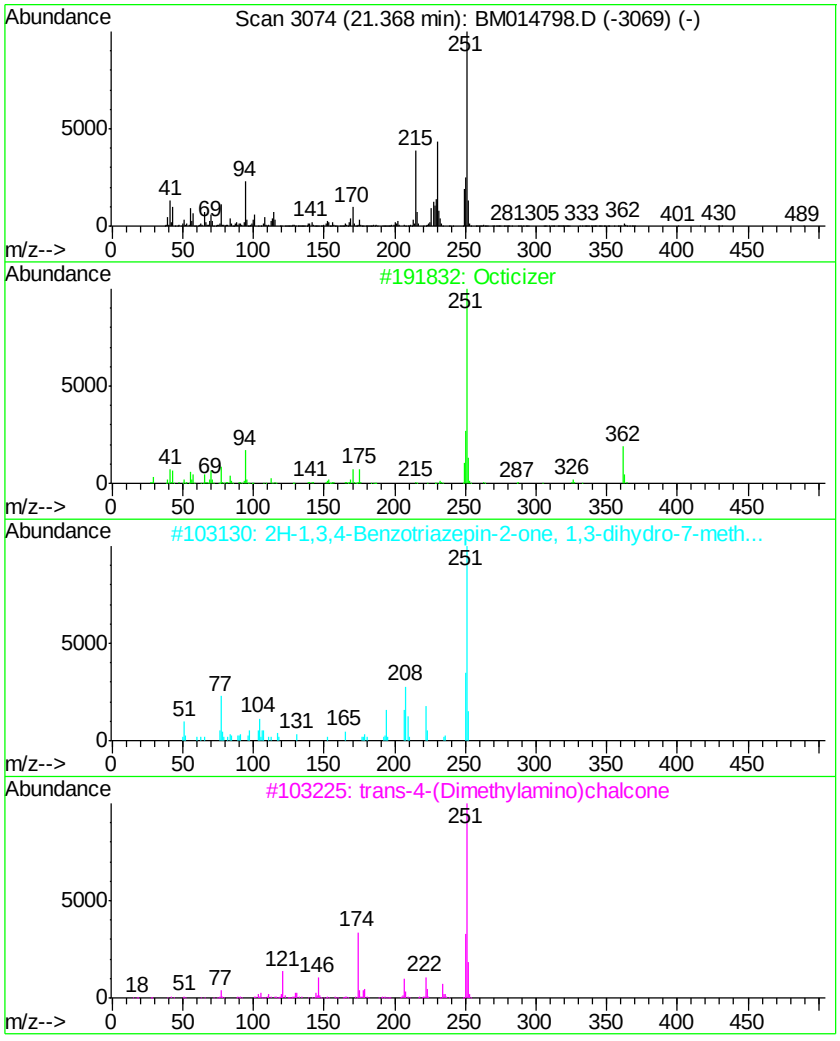
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

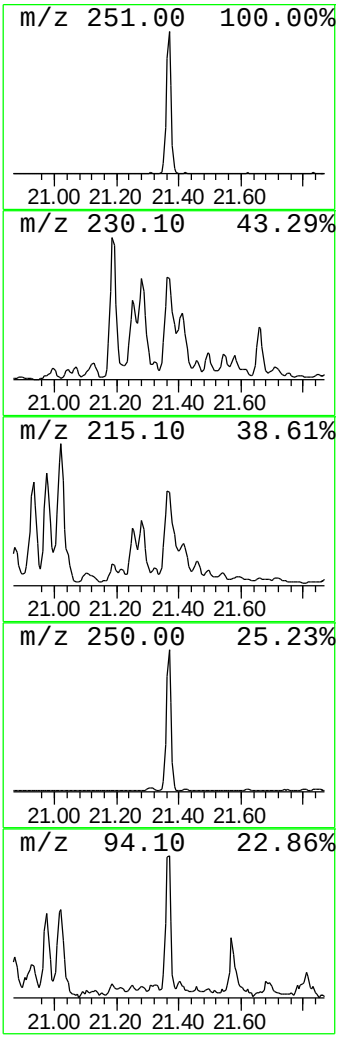
****

Peak Number 40 Octicizer Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.41 ng/ul	8457450	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octicizer	362	C20H27O4P	001241-94-7	90
2	2H-1,3,4-Benzotriazepin-2-one, 1...	251	C15H13N3O	002855-57-4	35
3	trans-4-(Dimethylamino)chalcone	251	C17H17NO	022965-98-6	35
4	Phosphoric acid, isodecyl diphen...	390	C22H31O4P	029761-21-5	30
5	Octicizer	362	C20H27O4P	001241-94-7	25





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

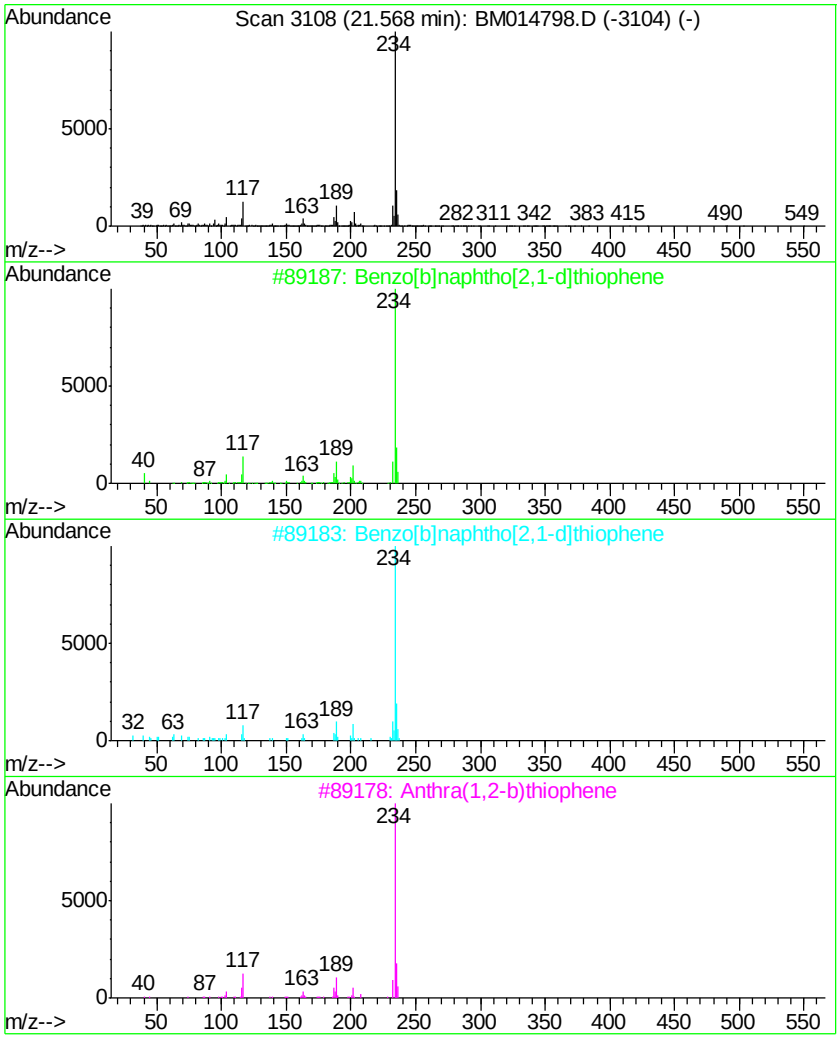
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

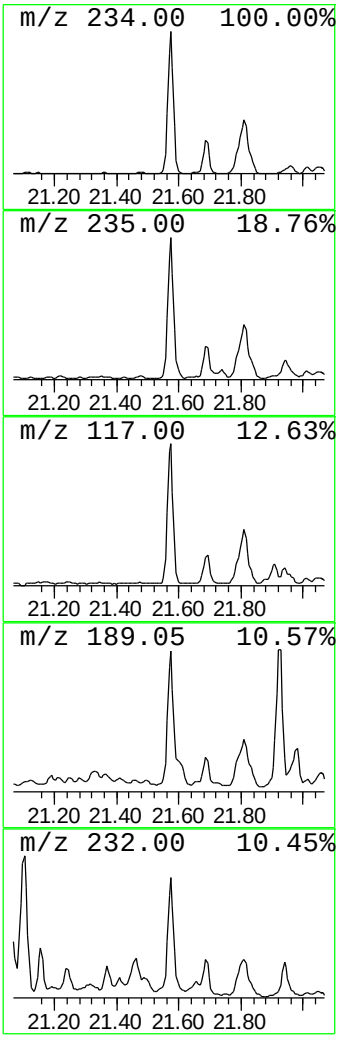
****

Peak Number 41 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.57	2.58 ng/ul	9047670	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	98
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	98
3	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	98
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	96
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	96





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

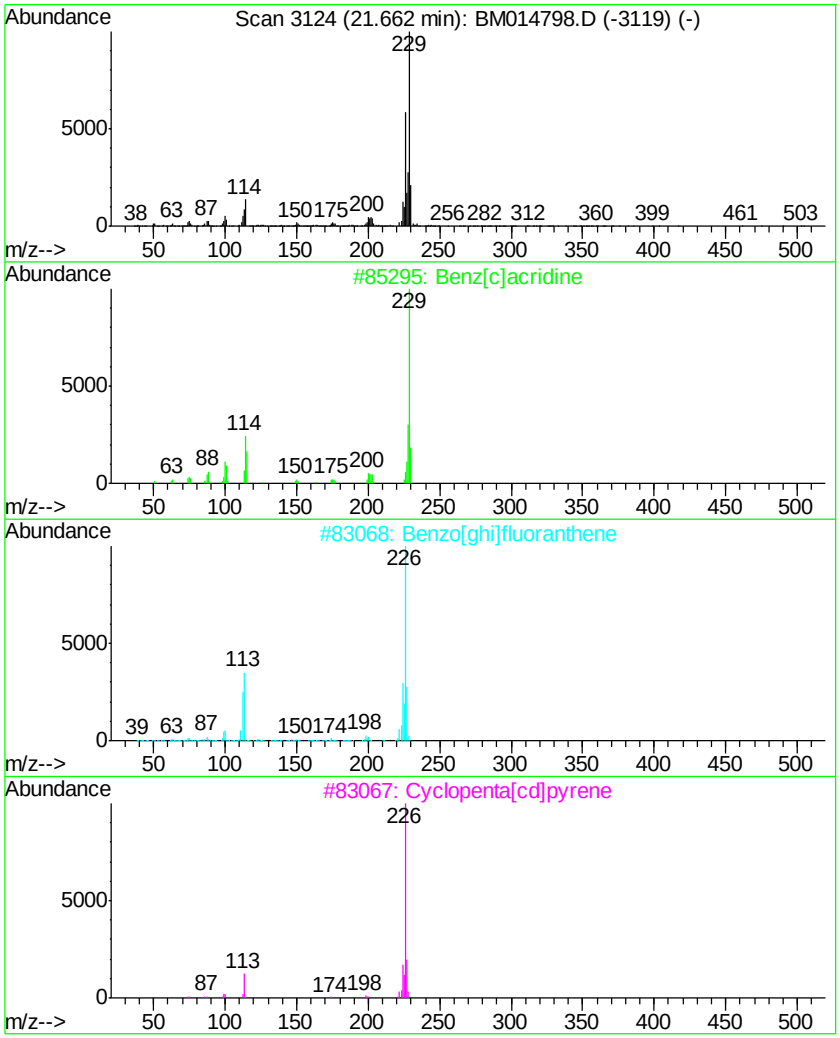
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

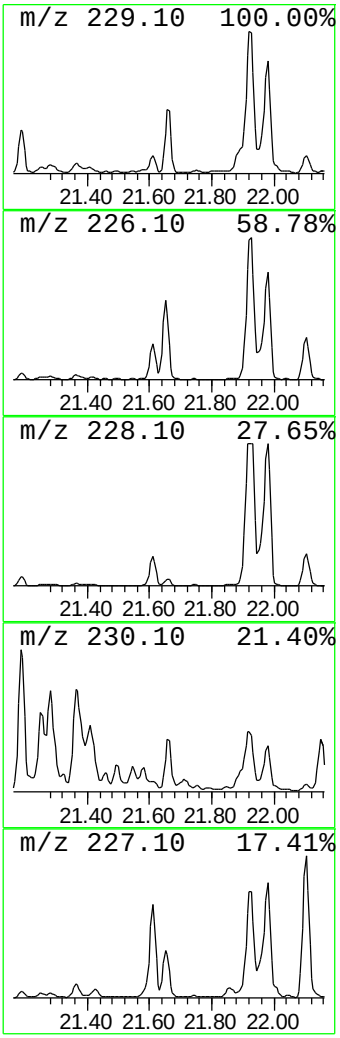
****

Peak Number 43 Benz[c]acridine Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	2.92 ng/ul	10237200	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	50
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	46
3	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	41
4	Benzo(a)acridine	229	C17H11N	000225-11-6	38
5	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

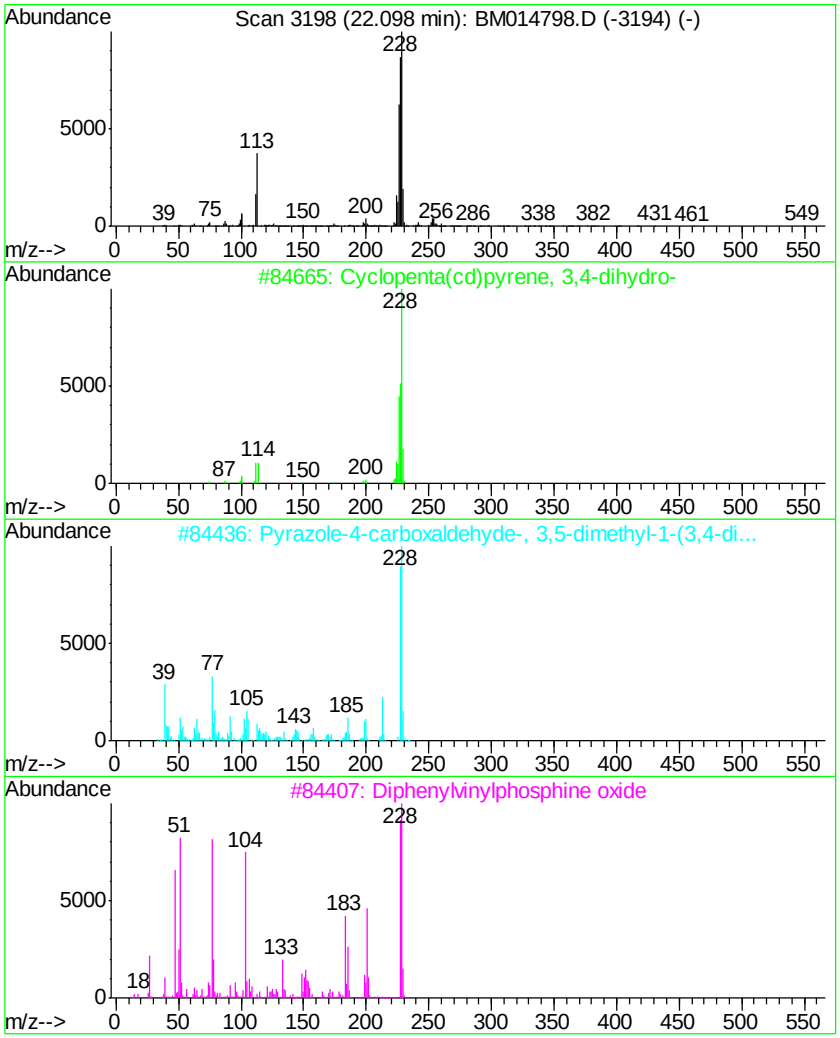
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

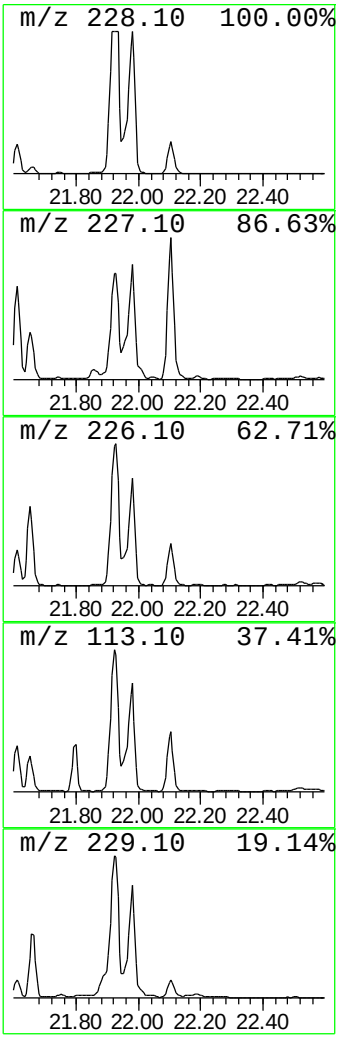
****

Peak Number 44 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.10	3.01 ng/ul	10529500	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	91
2	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	47
3	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	47
4	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	47
5	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	47





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

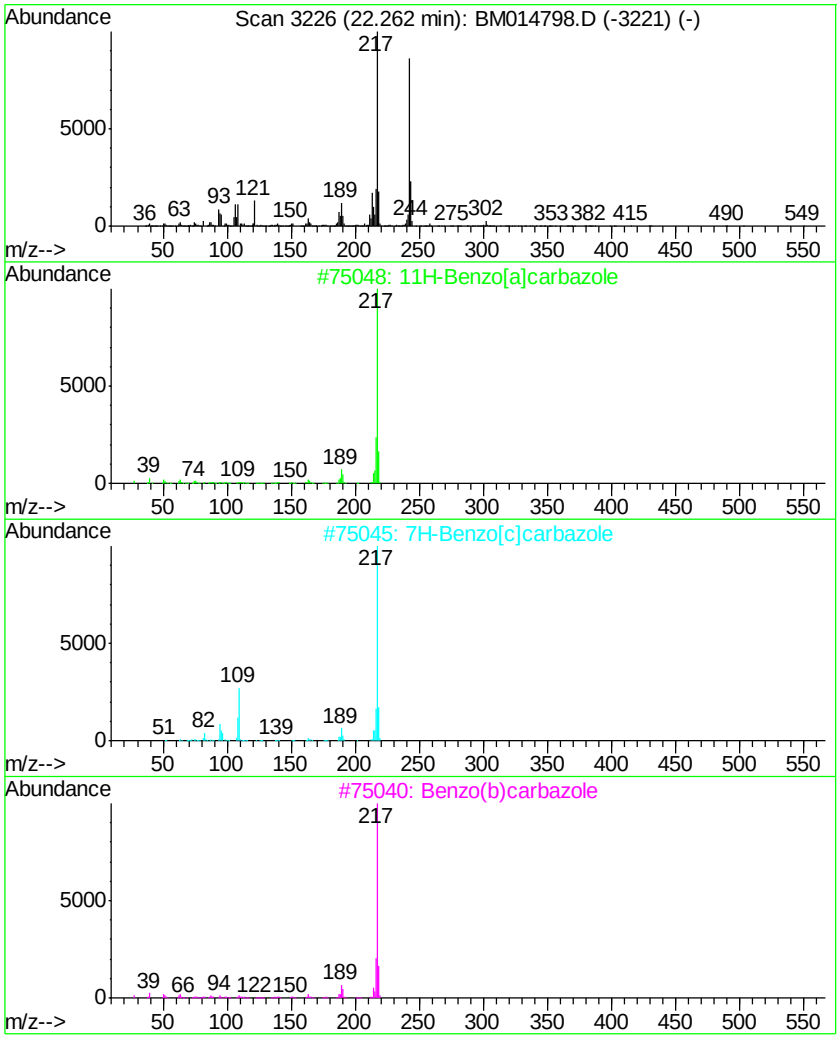
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

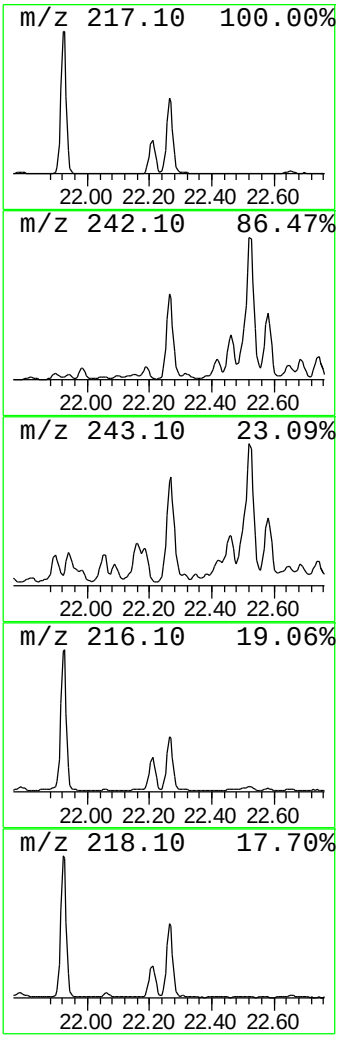
****

Peak Number 45 11H-Benzo[a]carbazole Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	2.18 ng/ul	7635050	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	64
2	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	50
3	Benzo(b)carbazole	217	C16H11N	000243-28-7	50
4	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	50
5	Benzo(c)carbazole	217	C16H11N	034777-33-8	50





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

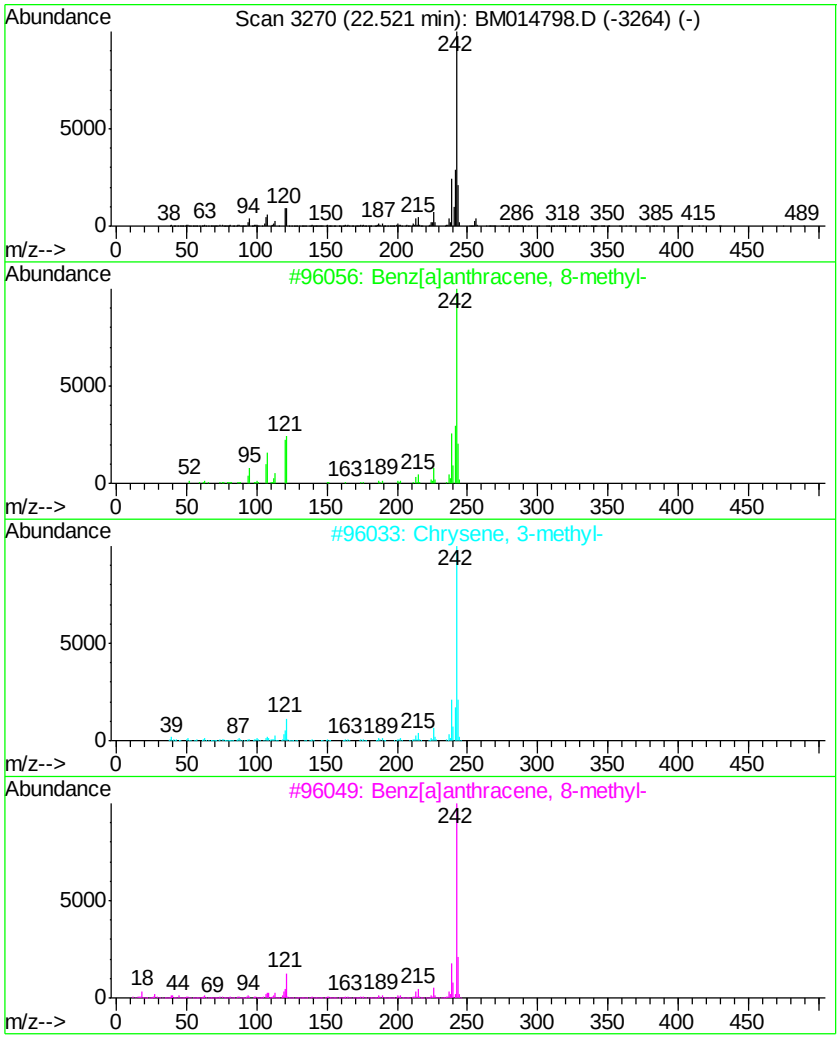
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

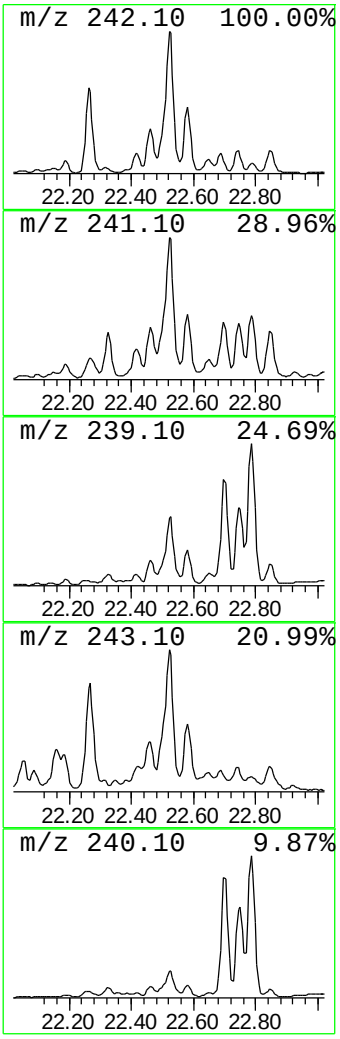
****

Peak Number 46 Benz[a]anthracene, 8-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	2.57 ng/ul	9013670	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	97
2	Chrysene, 3-methyl-	242	C19H14	003351-31-3	96
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95
4	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	94
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

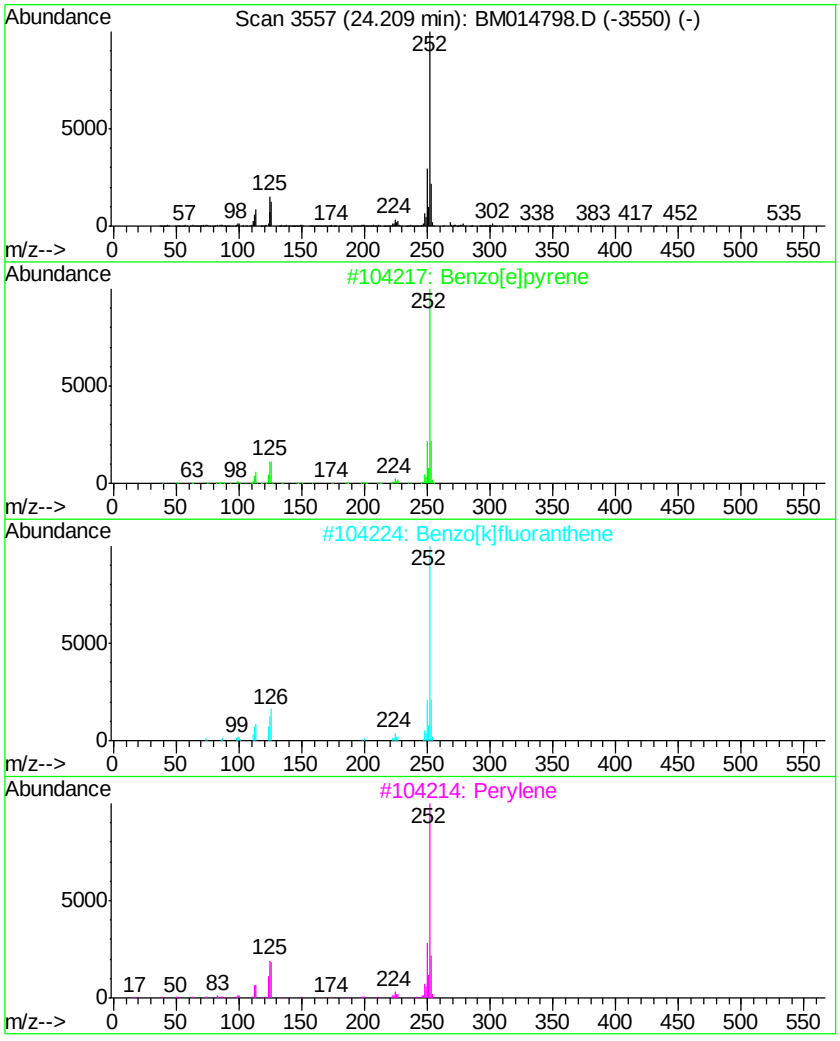
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

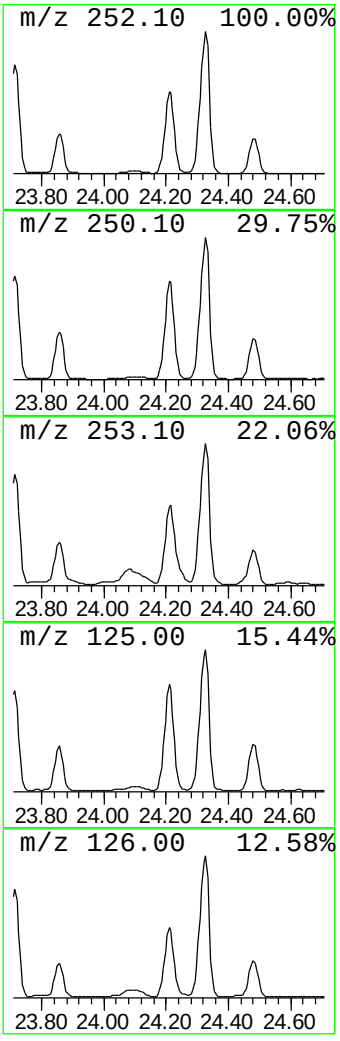
****

Peak Number 48 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.21	43.85 ng/ul	14872600	Perylene-d12	24.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Perylene	252	C20H12	000198-55-0	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	97
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

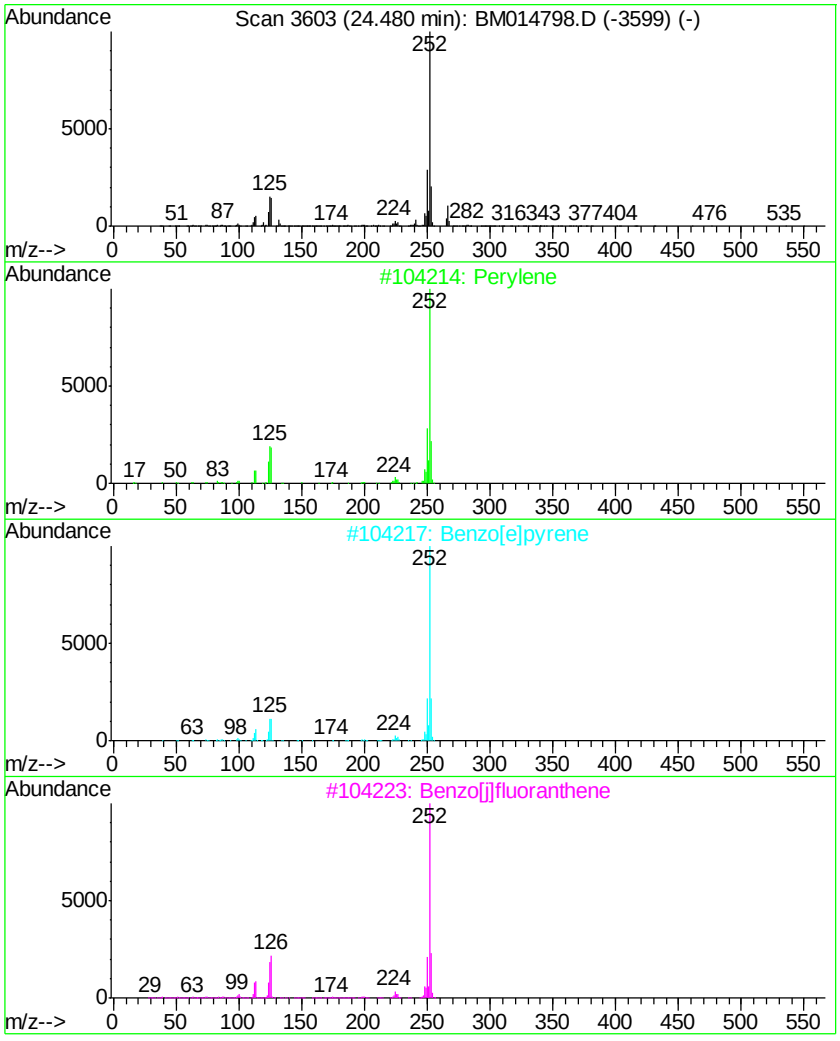
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

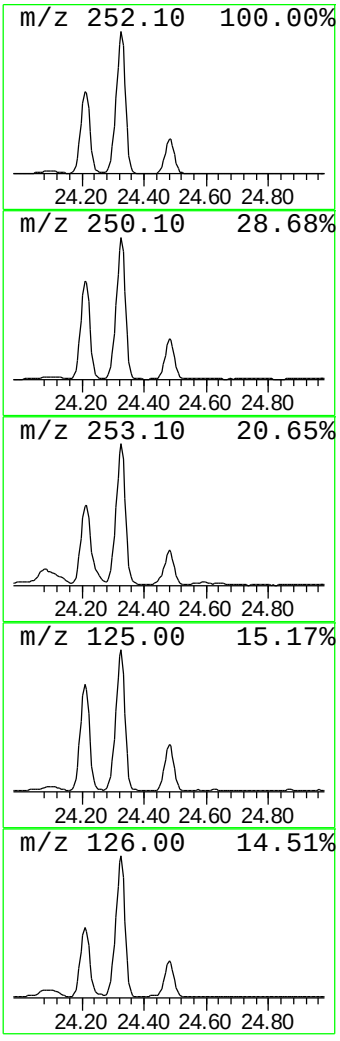
****

Peak Number 49 Perylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.48	20.00 ng/ul	6784140	Perylene-d12	24.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
4	Perylene	252	C20H12	000198-55-0	94
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014798.D
Acq On : 24 Apr 2018 04:29
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	6.46	8.6	ng/ul	5618550	1	8.53	13148700	20.0
(DEL) Alkane: Str...	7.02	7.7	ng/ul	5072450	1	8.53	13148700	20.0
(DEL) Alkane: Str...	7.47	9.1	ng/ul	5948680	1	8.53	13148700	20.0
(DEL) Alkane: Str...	7.53	7.6	ng/ul	4989270	1	8.53	13148700	20.0
(DEL) Alkane: Cyc...	7.99	7.8	ng/ul	5126740	1	8.53	13148700	20.0
(DEL) Alkane: Str...	8.12	24.6	ng/ul	16144100	1	8.53	13148700	20.0
(DEL) Alkane: Cyc...	8.81	8.9	ng/ul	5863770	1	8.53	13148700	20.0
(DEL) Alkane: Str...	9.04	11.1	ng/ul	7297840	1	8.53	13148700	20.0
(DEL) Alkane: Str...	9.10	13.4	ng/ul	8830370	1	8.53	13148700	20.0
(DEL) Alkane: Str...	9.28	11.1	ng/ul	7273080	1	8.53	13148700	20.0
Benzene, 4-ethyl-...	9.64	10.6	ng/ul	6937110	1	8.53	13148700	20.0
Benzene, 1-methyl...	9.89	11.7	ng/ul	7681780	1	8.53	13148700	20.0
(DEL) Alkane: Str...	10.00	17.8	ng/ul	6143500	2	11.37	6886670	20.0
Benzene, 1,2,4,5-...	10.17	17.0	ng/ul	5851980	2	11.37	6886670	20.0
2-(p-Tolyl)ethyla...	10.70	18.9	ng/ul	6510030	2	11.37	6886670	20.0
Benzene, 1-methyl...	10.81	27.5	ng/ul	9462540	2	11.37	6886670	20.0
Naphthalene, 2-et...	14.17	18.0	ng/ul	9180400	3	15.13	10211100	20.0
Naphthalene, 2,6-...	14.30	19.8	ng/ul	10113300	3	15.13	10211100	20.0
Naphthalene, 2,3-...	14.46	34.6	ng/ul	17689900	3	15.13	10211100	20.0
Benzene, [1-(2,4-...	15.43	14.8	ng/ul	7549970	3	15.13	10211100	20.0
Naphthalene, 2,3,...	15.59	10.5	ng/ul	5360850	3	15.13	10211100	20.0
Diphenylmethane	16.32	35.8	ng/ul	18273800	3	15.13	10211100	20.0
Dibenzofuran, 4-m...	16.45	34.4	ng/ul	17552600	3	15.13	10211100	20.0
Naphtho[1,2-b]thi...	17.67	2.7	ng/ul	31005600	4	17.85	227406000	20.0
4H-Cyclopenta[def...	18.91	6.1	ng/ul	68895700	4	17.85	227406000	20.0
Phenaleno[1,9-bc]...	20.09	2.7	ng/ul	9312380	5	21.94	70065300	20.0
Benzo[b]naphtho[2...	20.37	2.7	ng/ul	9313870	5	21.94	70065300	20.0
11H-Benzo[a]fluorene	20.79	8.6	ng/ul	30225300	5	21.94	70065300	20.0
Pyrene, 1-methyl-	20.84	2.7	ng/ul	9533910	5	21.94	70065300	20.0
Octicizer	21.37	2.4	ng/ul	8457450	5	21.94	70065300	20.0
Benzo[b]naphtho[2...	21.57	2.6	ng/ul	9047670	5	21.94	70065300	20.0
Benz[c]acridine	21.66	2.9	ng/ul	10237200	5	21.94	70065300	20.0
Cyclopenta(cd)pyr...	22.10	3.0	ng/ul	10529500	5	21.94	70065300	20.0
11H-Benzo[a]carba...	22.26	2.2	ng/ul	7635050	5	21.94	70065300	20.0
Benz[a]anthracene...	22.52	2.6	ng/ul	9013670	5	21.94	70065300	20.0
Benzo[e]pyrene	24.21	43.9	ng/ul	14872600	6	24.43	6784140	20.0
Perylene	24.48	20.0	ng/ul	6784140	6	24.43	6784140	20.0