LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090716\
Data File : BM007450.D
Acq On : 07 Sep 2016 21:54
Operator : UM/SJ
Sample : H4666-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD399

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\SOM02.2-EPA-BM082316.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	5.457	483	488	496	rBV	65231	121589	1.16%	0.096%
2	5.822	544	550	559	rBV	94240	158344	1.51%	0.125%
3	6.963	735	744	758	rBV	749429	1435290	13.69%	1.137%
4	7.128	766	772	778	rBV	526122	816090	7.79%	0.647%
5	7.328	799	806	814	rVB	718757	1197187	11.42%	0.949%
6	7.793	876	885	894	rBV	1069826	1802793	17.20%	1.429%
7	8.492	998	1004	1012	rVV	1002562	1584228	15.11%	1.255%
8	8.945	1074	1081	1088	rVV	769190	1289862	12.31%	1.022%
9	9.663	1194	1203	1214	rBV	688655	1197866	11.43%	0.949%
10	9.992	1253	1259	1266	rBV7	45789	113176	1.08%	0.090%
11	10.198	1288	1294	1302	rVB	1071648	1845552	17.61%	1.463%
12	10.575	1348	1358	1363	rBV	1709871	3048322	29.08%	2.416%
13	10.628	1363	1367	1375	rVV	247807	420583	4.01%	0.333%
14	10.716	1375	1382	1392	rVB2	326883	681323	6.50%	0.540%
15	11.592	1526	1531	1537	rVV	123633	189341	1.81%	0.150%
16	11.992	1592	1599	1608	rBV	126090	205558	1.96%	0.163%
17	12.239	1634	1641	1650	rVB2	442533	870157	8.30%	0.690%
18	12.457	1672	1678	1686	rVV	309487	492702	4.70%	0.390%
19	12.692	1710	1718	1725	rBV8	45250	119406	1.14%	0.095%
20	12.951	1758	1762	1768	rVB	90759	141807	1.35%	0.112%
21	13.245	1805	1812	1818	rBV2	230942	417755	3.99%	0.331%
22	13.327	1820	1826	1835	rVB8	60255	175363	1.67%	0.139%
23	13.580	1863	1869	1870	rBV	120045	159319	1.52%	0.126%
24	13.739	1891	1896	1901	rVV	290674	549011	5.24%	0.435%
25	13.792	1901	1905	1907	rVV	253317	376024	3.59%	0.298%
26	13.833	1907	1912	1916	rVV	2155785	3149038	30.04%	2.496%
27	13.880	1916	1920	1928	rVB	1500727	2253321	21.50%	1.786%
28	13.980	1933	1937	1940	rVV	177478	274570	2.62%	0.218%
29	14.016	1940	1943	1947	rVB4	79380	109548	1.05%	0.087%
30	14.116	1954	1960	1973	rVB	2441511	3827919	36.52%	3.034%
31	14.321	1990	1995	2002	rVB	239297	324523	3.10%	0.257%
32	14.427	2002	2013	2019	rBV2	2802041	4775511	45.56%	3.785%
33	14.504	2019	2026	2031	rVB7	104989	276901	2.64%	0.219%
34	14.627	2041	2047	2056	rBV	754384	1439716	13.74%	1.141%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H4666-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD399

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\SOM02.2-EPA-BM082316.M
Title : SVOA CALIBRATION

35	14.716	2060	2062	2067	rVB3	70946	107474	1.03%	0.085%
36	14.821	2075	2080	2087	rVB	423293	665608	6.35%	0.527%
37	14.898	2087	2093	2097	rVV	131523	221679	2.11%	0.176%
38	14.945	2097	2101	2108	rVB7	68612	142632	1.36%	0.113%
39	15.039	2113	2117	2122	rVV2	138215	217531	2.08%	0.172%
40	15.092	2122	2126	2130	rVB	140110	185850	1.77%	0.147%
41	15.210	2140	2146	2150	rBV4	193554	333875	3.19%	0.265%
42	15.268	2153	2156	2161	rVB	327084	414629	3.96%	0.329%
43	15.416	2174	2181	2186	rVV	3131249	4614557	44.02%	3.657%
44	15.463	2186	2189	2193	rVB2	194762	252033	2.40%	0.200%
45	15.539	2198	2202	2209	rVB	908459	1303836	12.44%	1.033%
46	15.680	2219	2226	2233	rVB5	162512	356980	3.41%	0.283%
47	15.768	2234	2241	2247	rVB	255596	465729	4.44%	0.369%
48	15.916	2258	2266	2273	rVB4	224061	555929	5.30%	0.441%
49	15.998	2273	2280	2287	rVB4	125852	291022	2.78%	0.231%
50	16.074	2288	2293	2298	rBV9	51789	110395	1.05%	0.087%
51	16.133	2298	2303	2304	rBV	504632	594210	5.67%	0.471%
52	16.151	2304	2306	2311	rVB2	511860	703698	6.71%	0.558%
53	16.474	2357	2361	2366	rVB4	101121	166812	1.59%	0.132%
54	16.704	2395	2400	2403	rBV2	212272	348812	3.33%	0.276%
55	16.821	2416	2420	2427	rBV3	386635	590150	5.63%	0.468%
56	16.927	2429	2438	2444	rBV2	1350630	2227928	21.26%	1.766%
57	17.168	2473	2479	2483	rBV	3928646	5892293	56.21%	4.670%
58	17.210	2483	2486	2490	rVV	1497207	1978195	18.87%	1.568%
59	17.262	2490	2495	2505	rVB2	3425952	5520372	52.67%	4.375%
60	17.351	2506	2510	2515	rBV3	103701	186056	1.78%	0.147%
61	17.451	2522	2527	2528	rBV2	115786	160952	1.54%	0.128%
62	17.480	2529	2532	2537	rVB2	267141	364485	3.48%	0.289%
63	17.568	2545	2547	2551	rVB	101484	110860	1.06%	0.088%
64	17.657	2559	2562	2566	rVB2	320613	333831	3.18%	0.265%
65	17.745	2573	2577	2581	rBV	237385	305742	2.92%	0.242%
66	17.998	2617	2620	2623	rBV	237275	293982	2.80%	0.233%
67	18.062	2623	2631	2633	rBV2	1305484	2297810	21.92%	1.821%
68	18.227	2655	2659	2663	rBV2	508382	757345	7.23%	0.600%
69	18.268	2663	2666	2673	rVB	397160	579755	5.53%	0.459%
70	18.351	2676	2680	2684	rBV2	457998	597183	5.70%	0.473%
71	18.392	2684	2687	2690	rVV3	129982	167301	1.60%	0.133%

LSC Area Percent Report

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Acq On : 07 Sep 2016 21:54
Operator : UM/SJ
Sample : H4666-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD399

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\SOM02.2-EPA-BM082316.M
Title : SVOA CALIBRATION

72	18.433	2691	2694	2699	rVB4	191670	276687	2.64%	0.219%
73	18.539	2708	2712	2716	rBV	548991	787360	7.51%	0.624%
74	18.586	2716	2720	2730	rVB3	468235	842809	8.04%	0.668%
75	18.786	2751	2754	2759	rVV3	278755	398548	3.80%	0.316%
76	18.839	2760	2763	2766	rVV	272306	347762	3.32%	0.276%
77	18.874	2766	2769	2773	rVB	250119	335623	3.20%	0.266%
78	18.962	2779	2784	2790	rBV3	624828	1463512	13.96%	1.160%
79	19.051	2796	2799	2803	rVB	281182	337549	3.22%	0.268%
80	19.098	2803	2807	2814	rBV	405165	700158	6.68%	0.555%
81	19.221	2821	2828	2835	rBV	2442549	3529270	33.67%	2.797%
82	19.286	2835	2839	2842	rBV	330405	417480	3.98%	0.331%
83	19.333	2843	2847	2851	rVB2	188996	321646	3.07%	0.255%
84	19.562	2880	2886	2889	rBV2	4758337	7531318	71.85%	5.968%
85	19.662	2899	2903	2909	rVB	434942	656801	6.27%	0.521%
86	19.903	2940	2944	2956	rBV4	397944	1179978	11.26%	0.935%
87	20.039	2963	2967	2970	rBV4	306399	550962	5.26%	0.437%
88	20.380	3022	3025	3029	rBV2	297973	497987	4.75%	0.395%
89	20.592	3057	3061	3064	rBV	429608	528981	5.05%	0.419%
90	20.827	3097	3101	3108	rBV	929361	1260496	12.03%	0.999%
91	21.056	3136	3140	3147	rVB3	987396	1627079	15.52%	1.289%
92	21.127	3149	3152	3157	rVB	556713	742952	7.09%	0.589%
93	21.350	3183	3190	3194	rBV	6160735	10481795	100.00%	8.307%
94	21.386	3194	3196	3206	rVB2	1727295	2233550	21.31%	1.770%
95	22.933	3451	3459	3465	rBV2	1440299	3492565	33.32%	2.768%
96	23.421	3538	3542	3546	rBV	568535	989195	9.44%	0.784%
97	23.474	3546	3551	3556	rVV2	2870370	4914686	46.89%	3.895%
98	23.621	3569	3576	3583	rBV	3209070	6150625	58.68%	4.874%
99	24.127	3658	3662	3674	rVB	680029	1359943	12.97%	1.078%
100	26.509	4060	4067	4078	rBV3	662348	1970941	18.80%	1.562%

Sum of corrected areas: 126185484

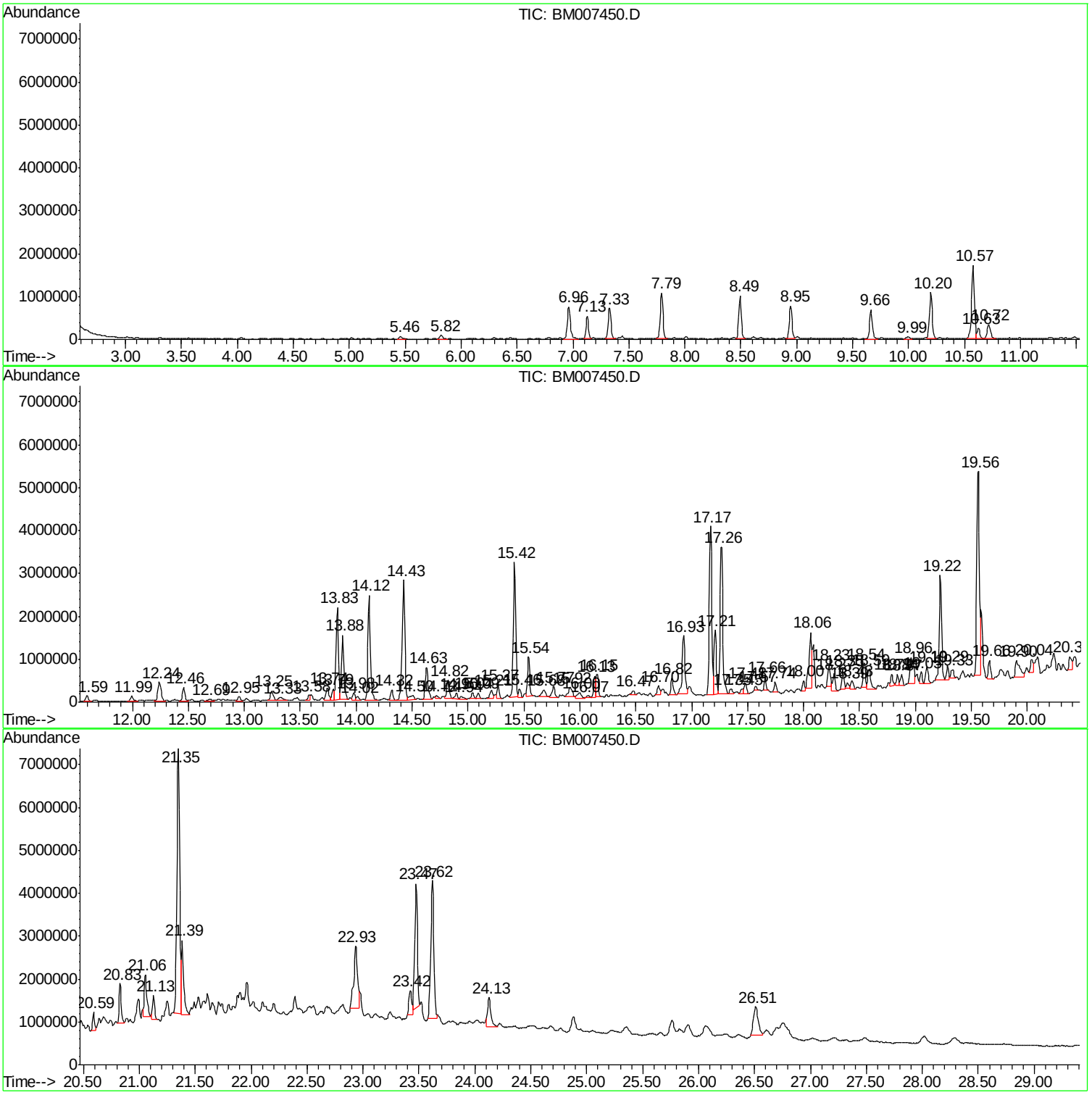
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090716\
Data File : BM007450.D
Acq On : 07 Sep 2016 21:54
Operator : UM/SJ
Sample : H4666-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD399

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.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\BM090716\
Data File : BM007450.D
Acq On : 07 Sep 2016 21:54
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Sample : H4666-01
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

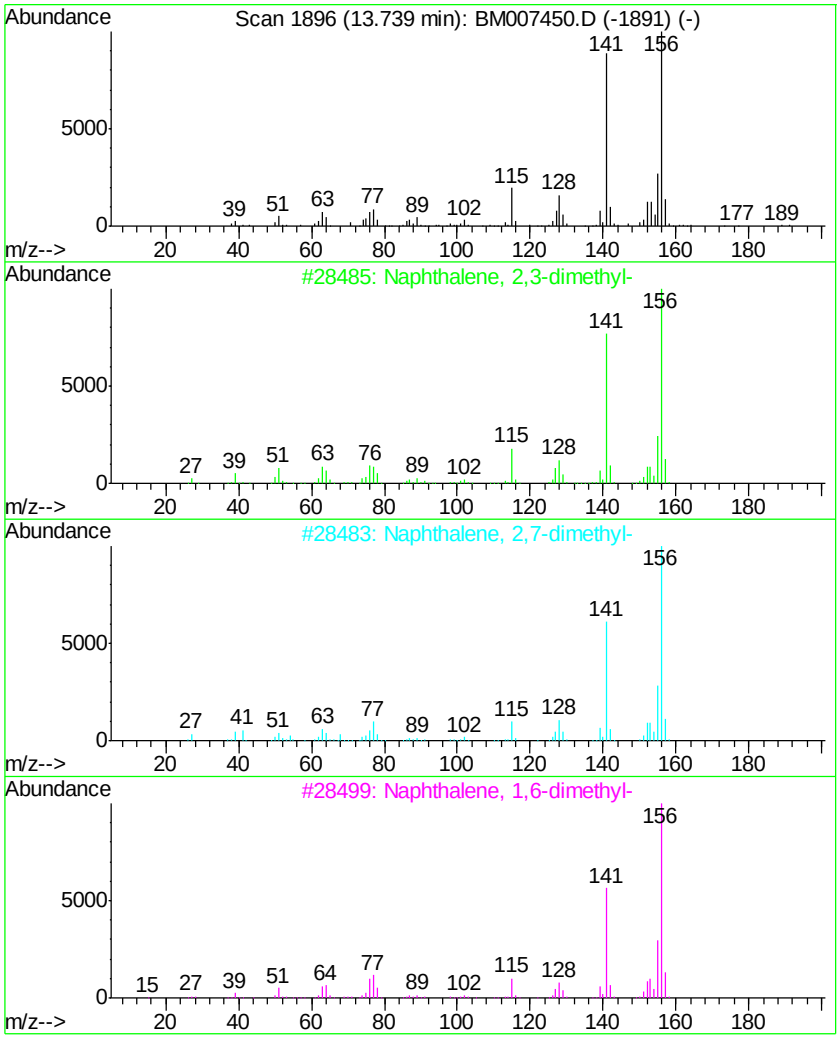
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

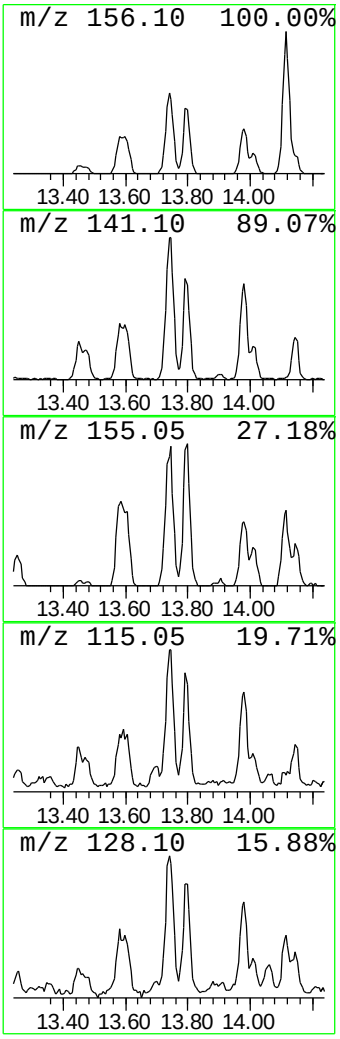
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	2.30 ng/ul	549011	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090716\
Data File : BM007450.D
Acq On : 07 Sep 2016 21:54
Operator : UM/SJ
Sample : H4666-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD399

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

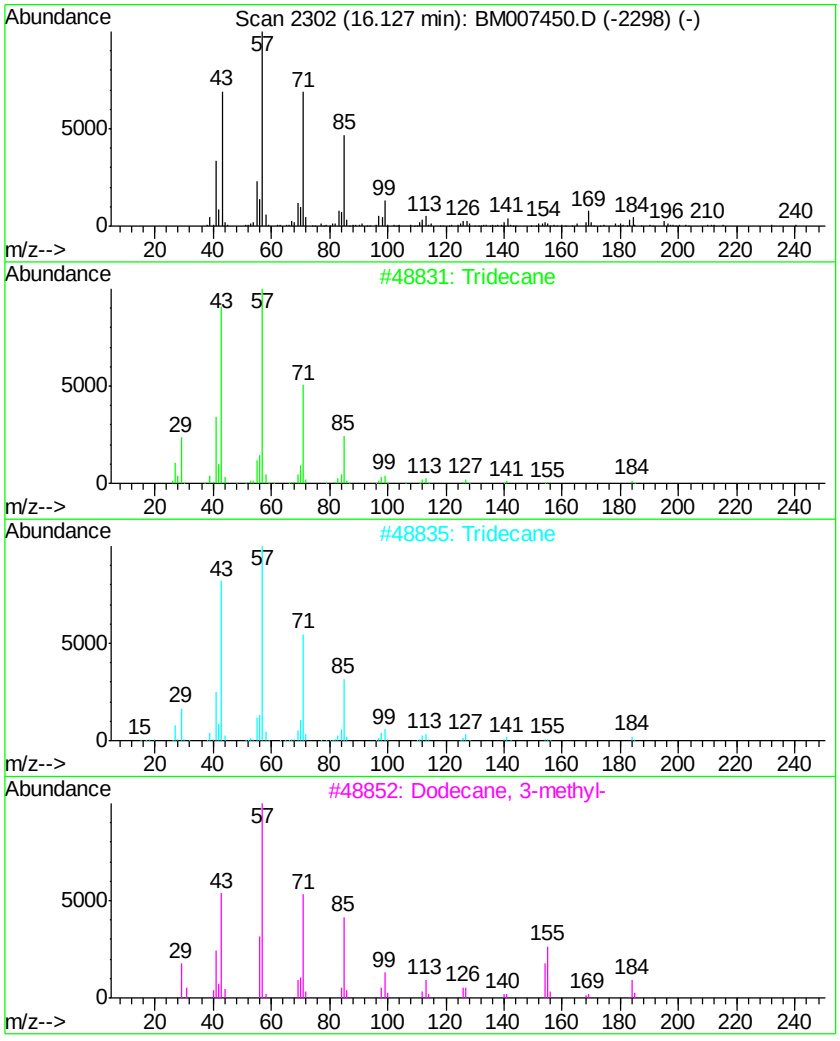
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

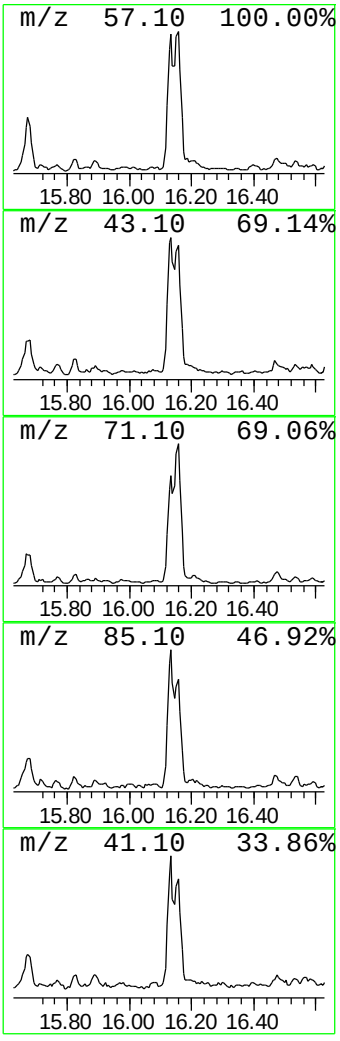
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	2.02 ng/ul	594210	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Tridecane	184	C13H28	000629-50-5	83
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	83
4	Tridecane	184	C13H28	000629-50-5	83
5	Tridecane	184	C13H28	000629-50-5	80





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090716\
Data File : BM007450.D
Acq On : 07 Sep 2016 21:54
Operator : UM/SJ
Sample : H4666-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD399

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

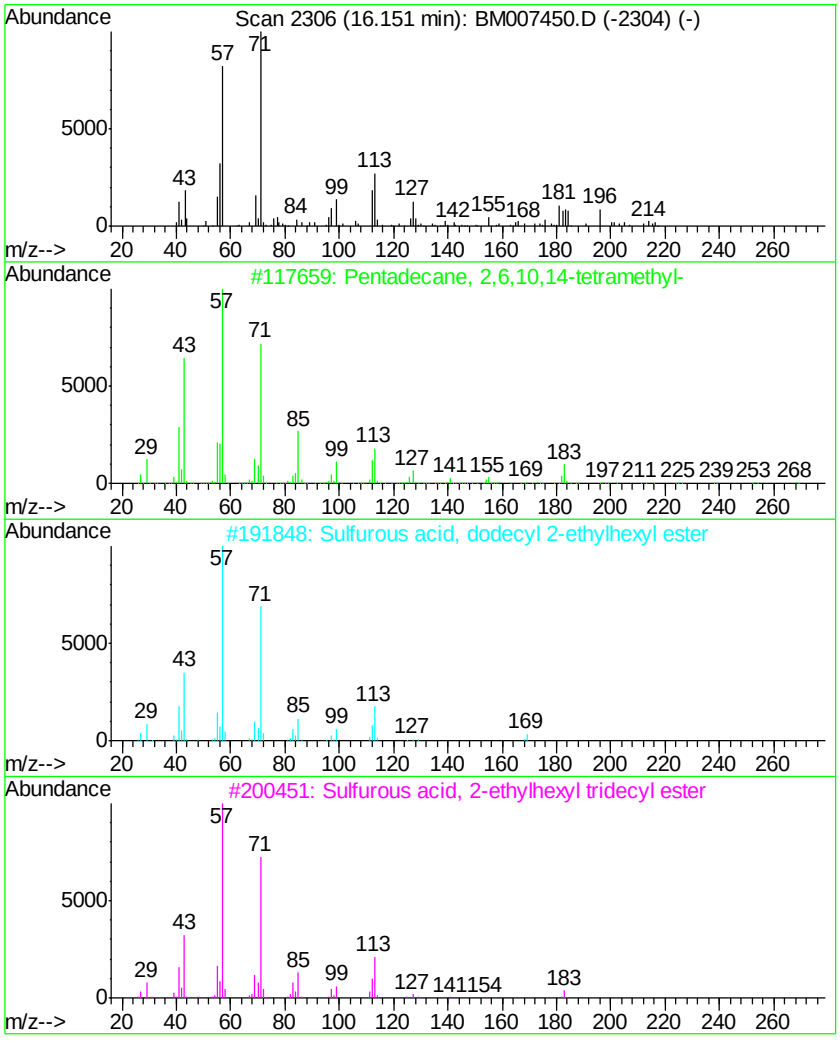
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

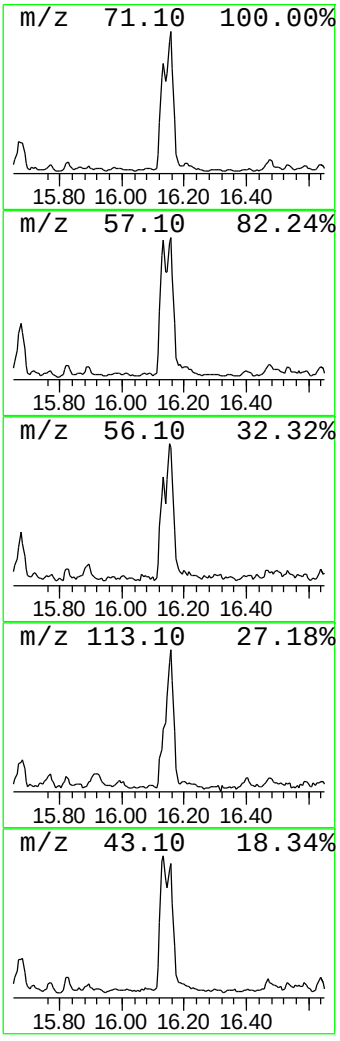
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	2.39 ng/ul	703698	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
2	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64
3	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	64
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	59





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090716\
Data File : BM007450.D
Acq On : 07 Sep 2016 21:54
Operator : UM/SJ
Sample : H4666-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD399

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

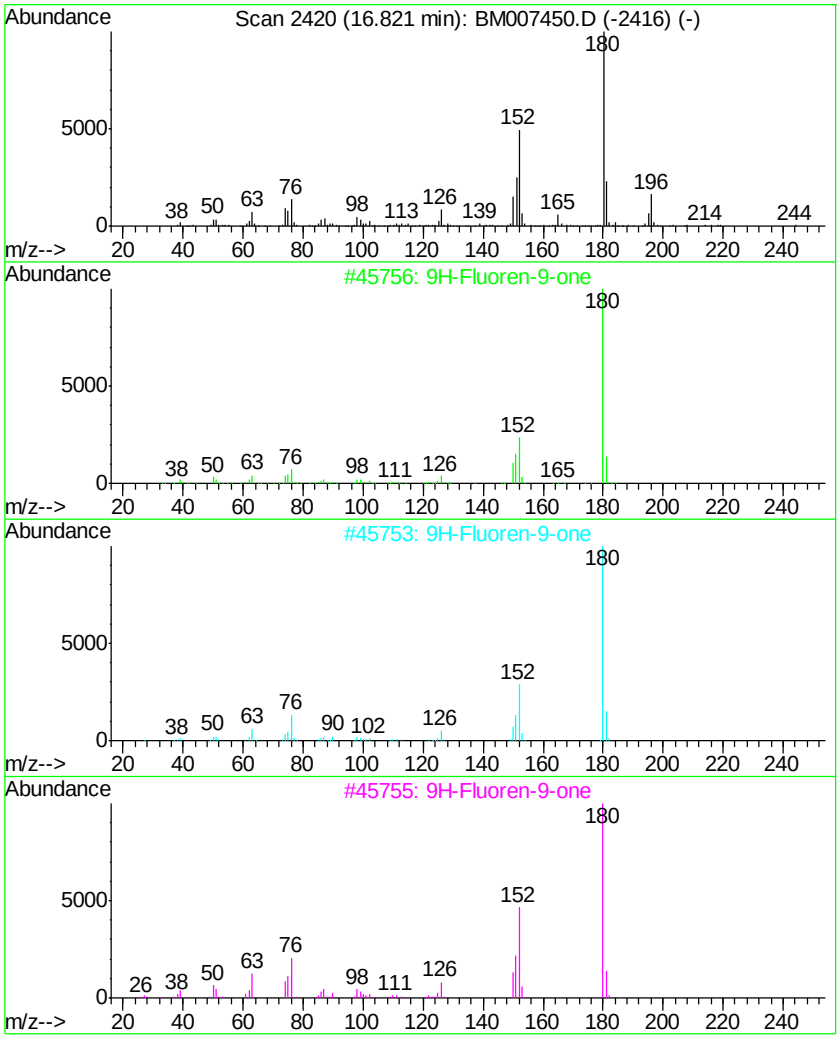
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

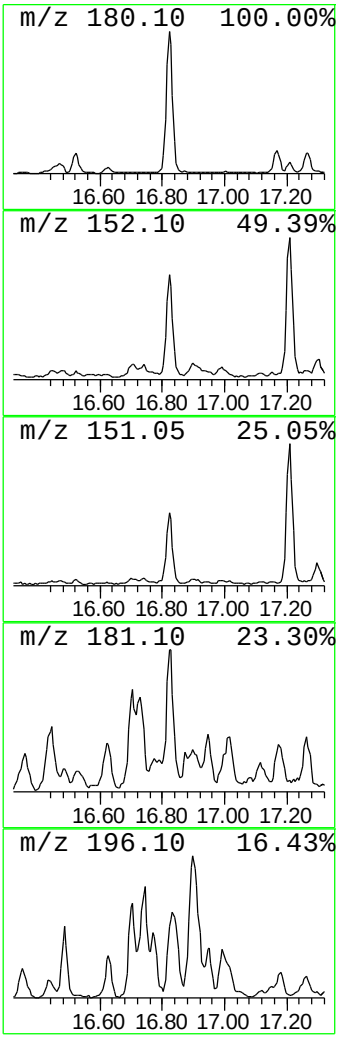
****

Peak Number 5 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	2.00 ng/ul	590150	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	80
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090716\
Data File : BM007450.D
Acq On : 07 Sep 2016 21:54
Operator : UM/SJ
Sample : H4666-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD399

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

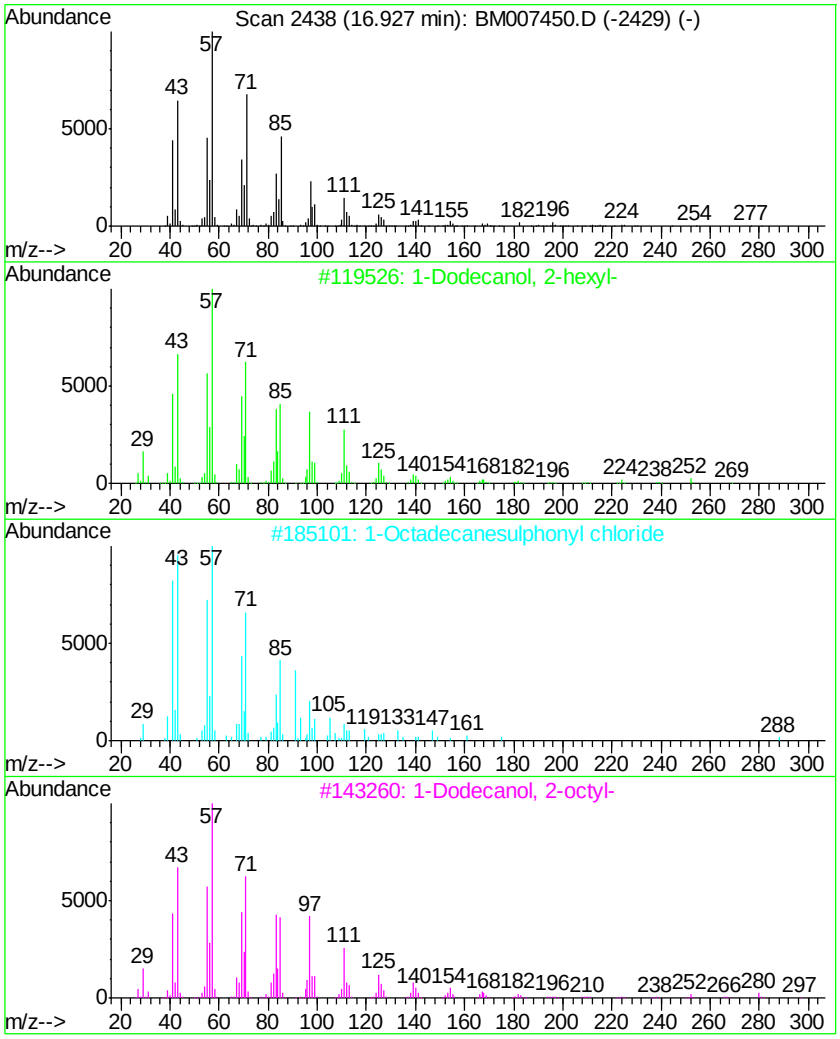
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

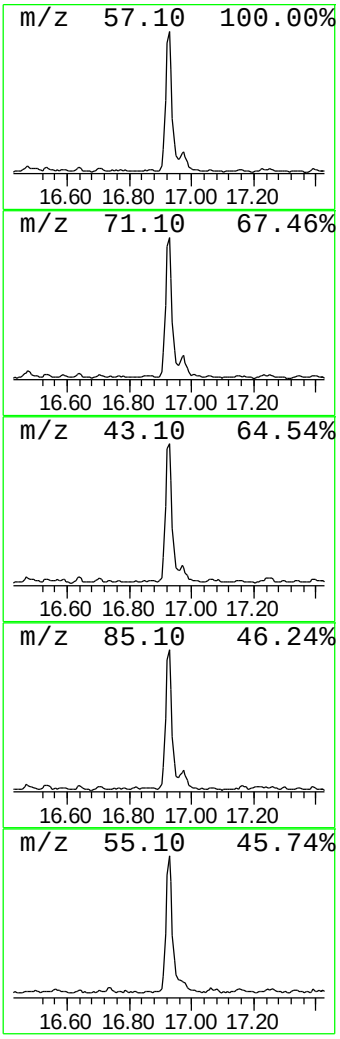
****

Peak Number 6 1-Dodecanol, 2-hexyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	7.56 ng/ul	2227930	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	87
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	87
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	86
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	83
5	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	64





Library Search Compound Report

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Acq On : 07 Sep 2016 21:54
Operator : UM/SJ
Sample : H4666-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD399

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Quant Title : SVOA CALIBRATION

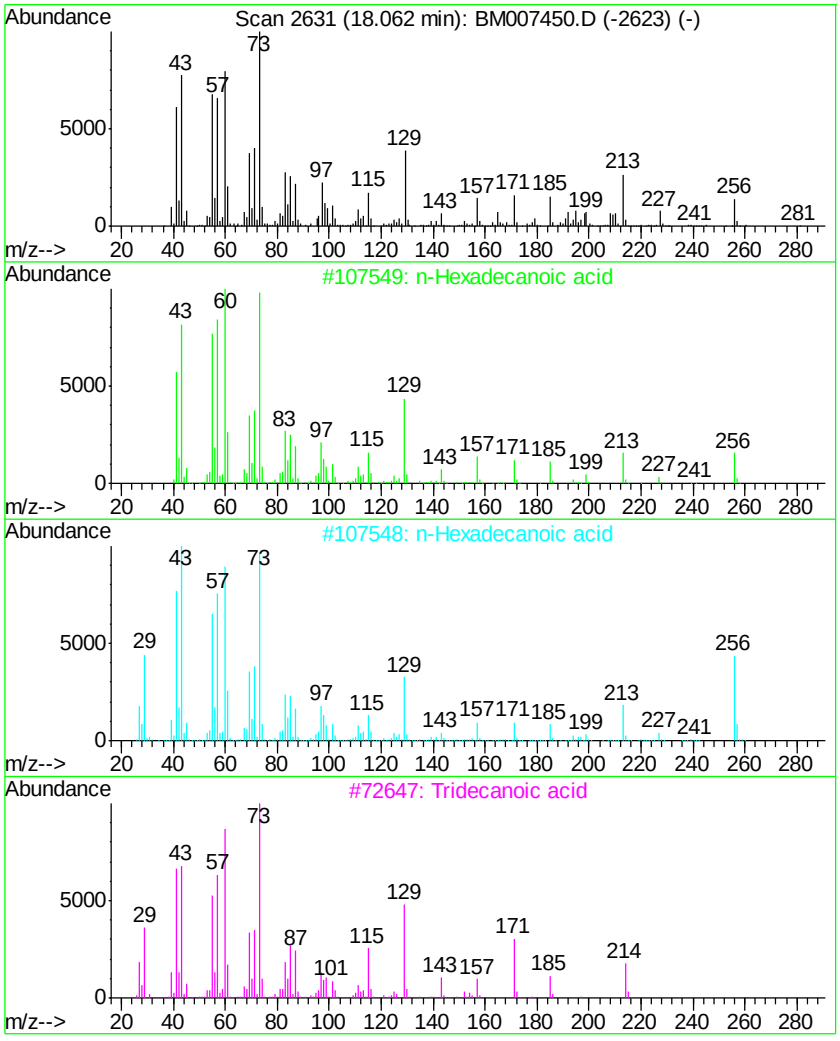
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

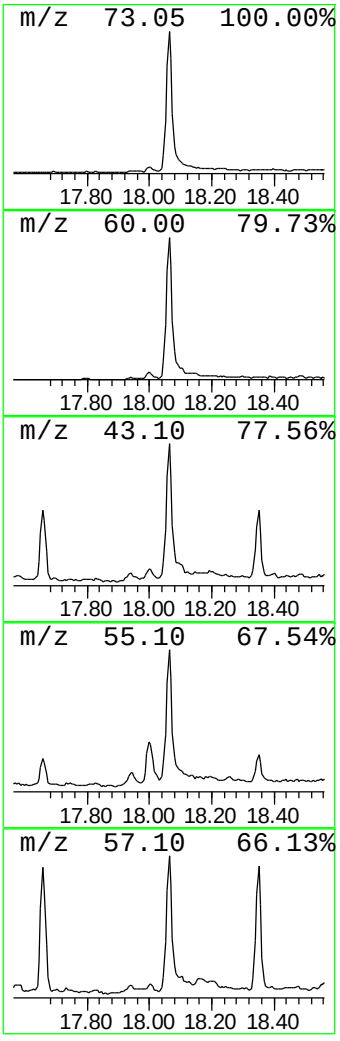
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	7.80 ng/ul	2297810	Phenanthrene-d10	17.17

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	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





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Instrument : BNA_M
ClientSampleId : BD399

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Quant Title : SVOA CALIBRATION

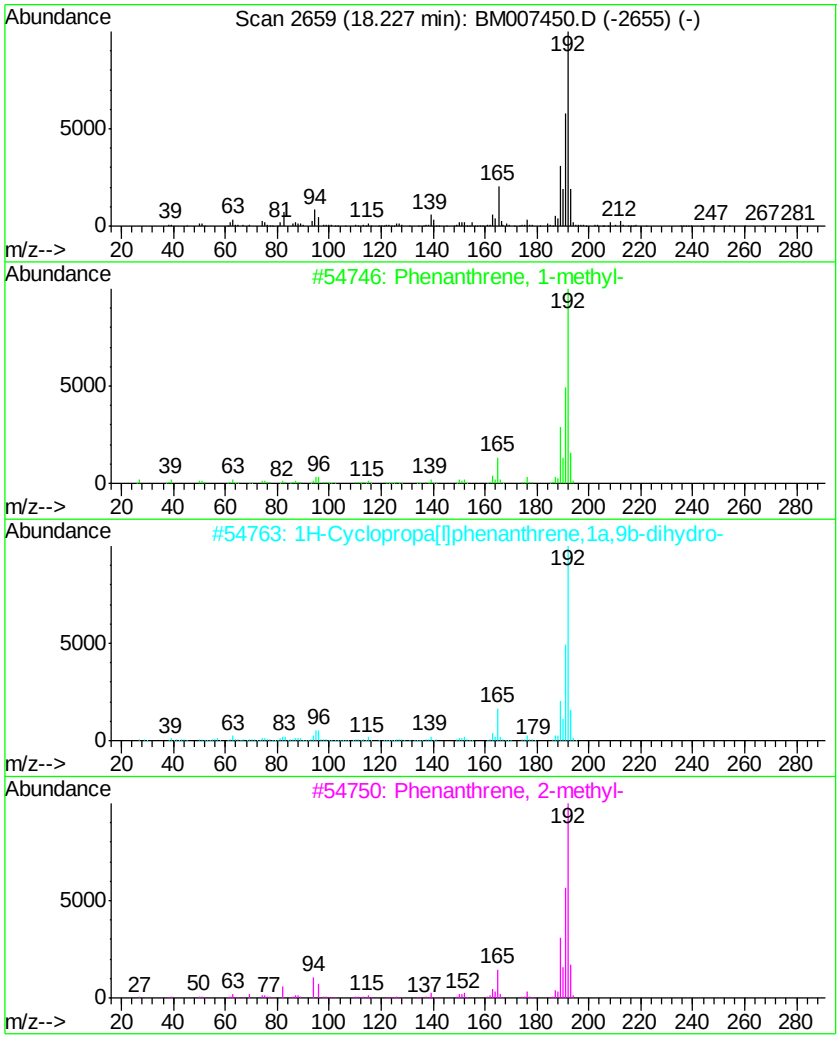
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

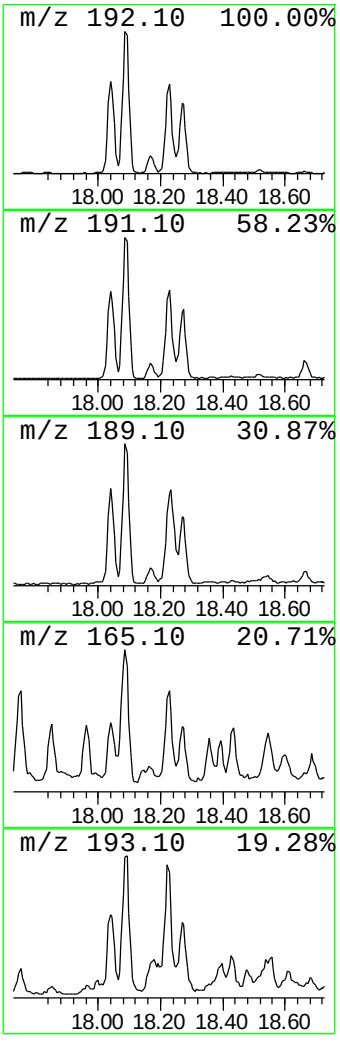
****

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.57 ng/ul	757345	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Quant Title : SVOA CALIBRATION

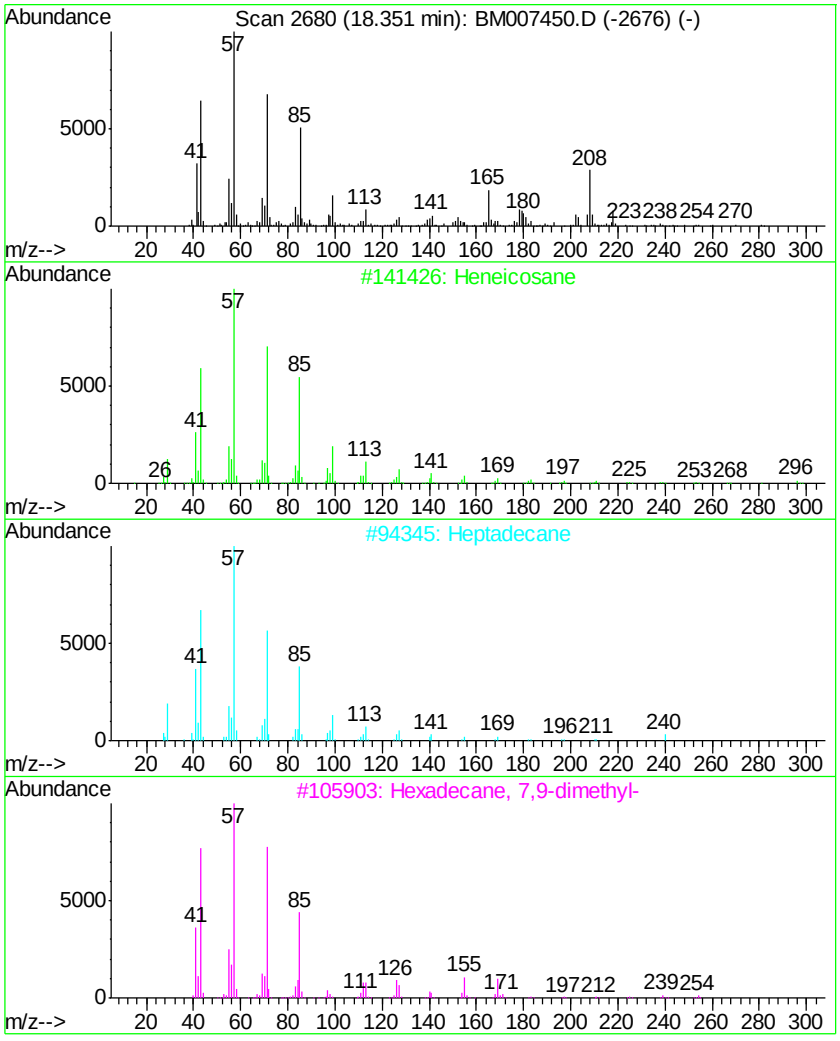
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

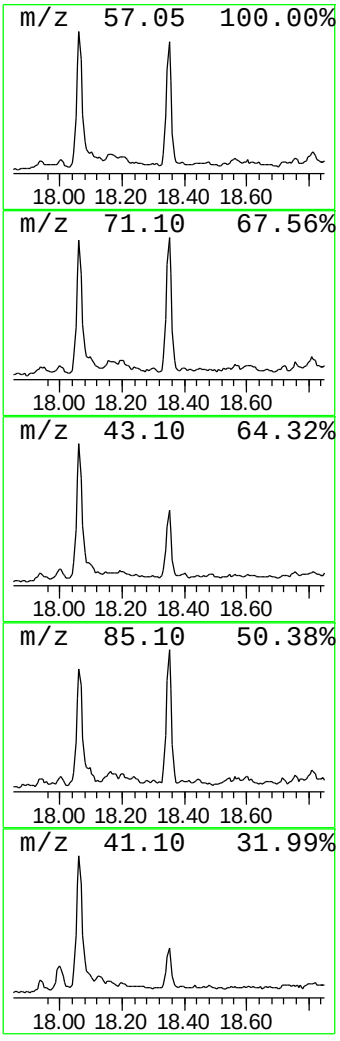
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	2.03 ng/ul	597183	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	70
2	Heptadecane	240	C17H36	000629-78-7	70
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	64
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	62
5	Heneicosane	296	C21H44	000629-94-7	62





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Operator : UM/SJ
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD399

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Quant Title : SVOA CALIBRATION

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

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Peak Number 10 6-Phenylbenzocyclohepten-7-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	2.67 ng/ul	787360	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
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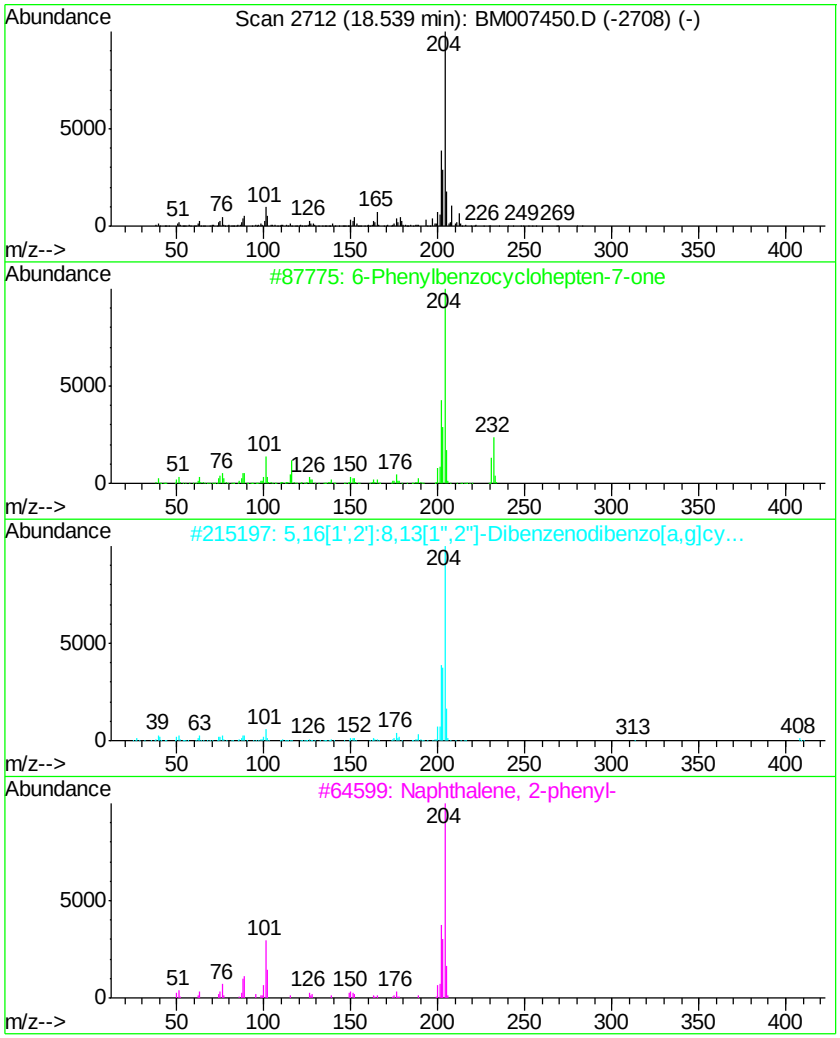

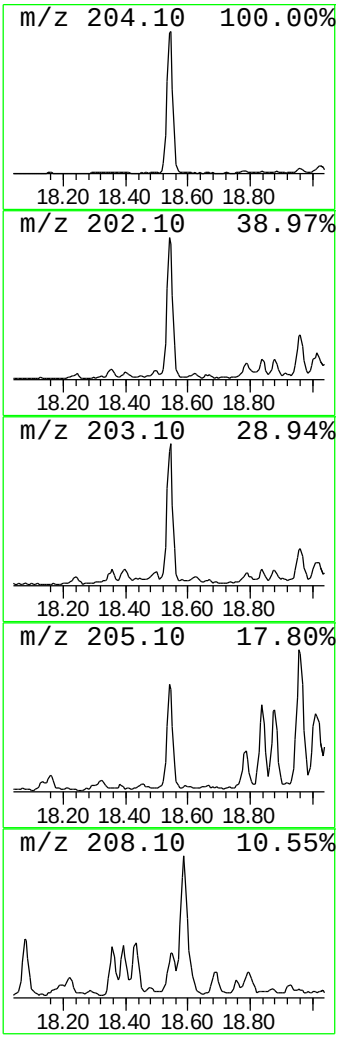

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Instrument : BNA_M
ClientSampleId : BD399

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Quant Title : SVOA CALIBRATION

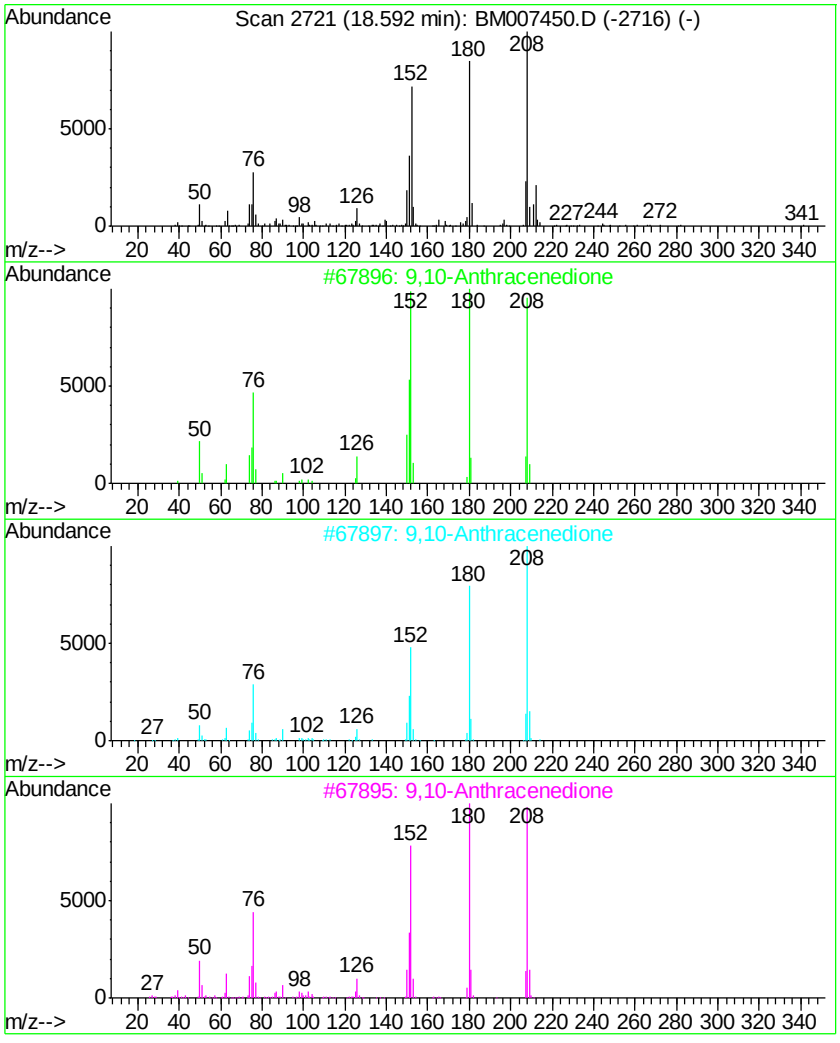
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

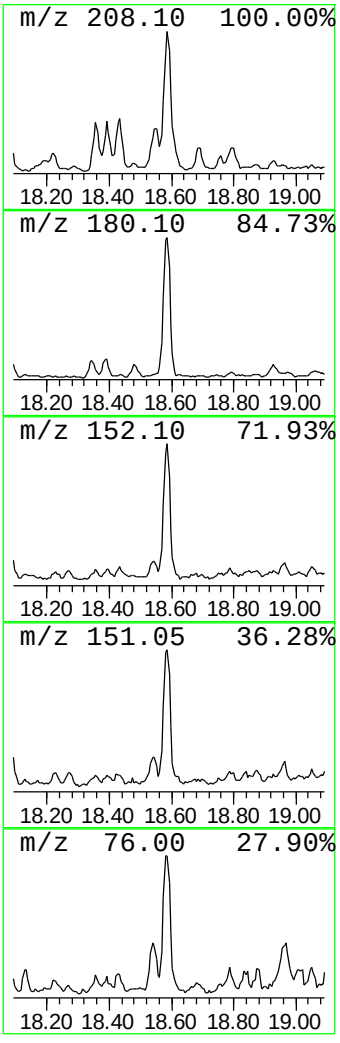
****

Peak Number 11 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	2.86 ng/ul	842809	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58





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Sample : H4666-01
Misc :
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Instrument : BNA_M
ClientSampleId : BD399

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Quant Title : SVOA CALIBRATION

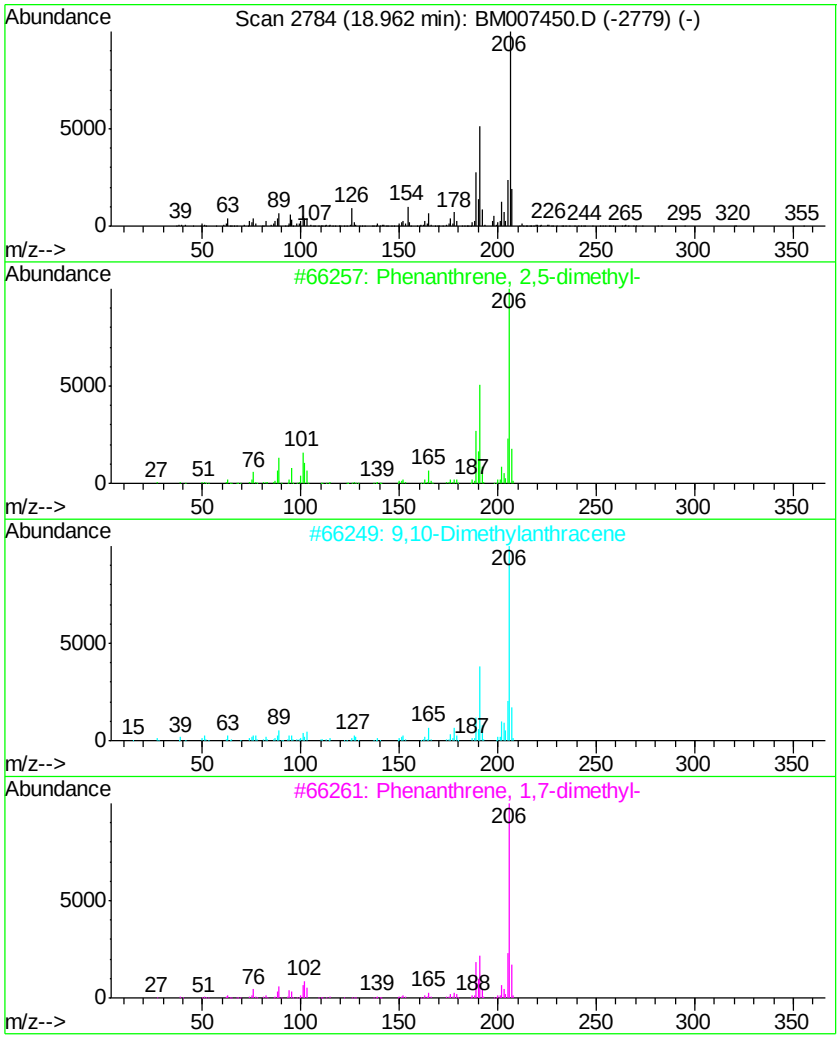
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

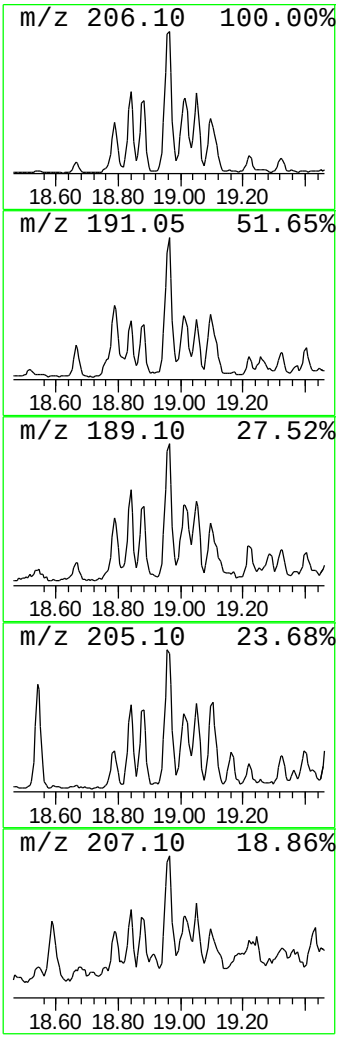
****

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	4.97 ng/ul	1463510	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	81





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Operator : UM/SJ
Sample : H4666-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD399

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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

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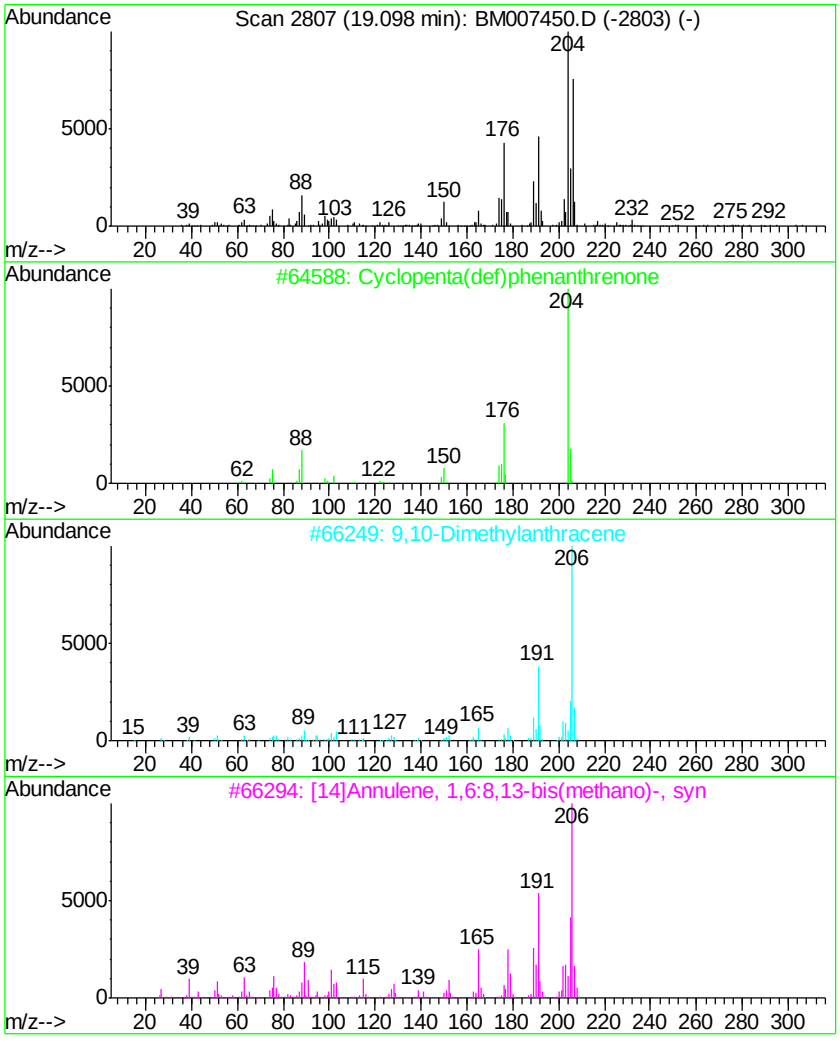
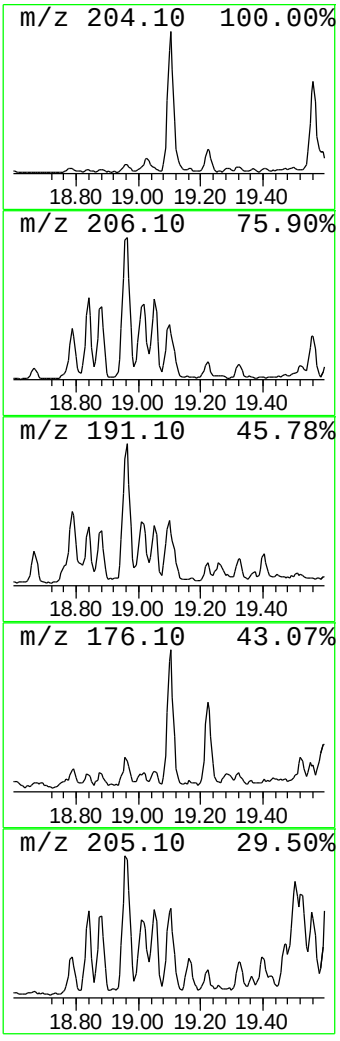
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	2.38 ng/ul	700158	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	60
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	55
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	50





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Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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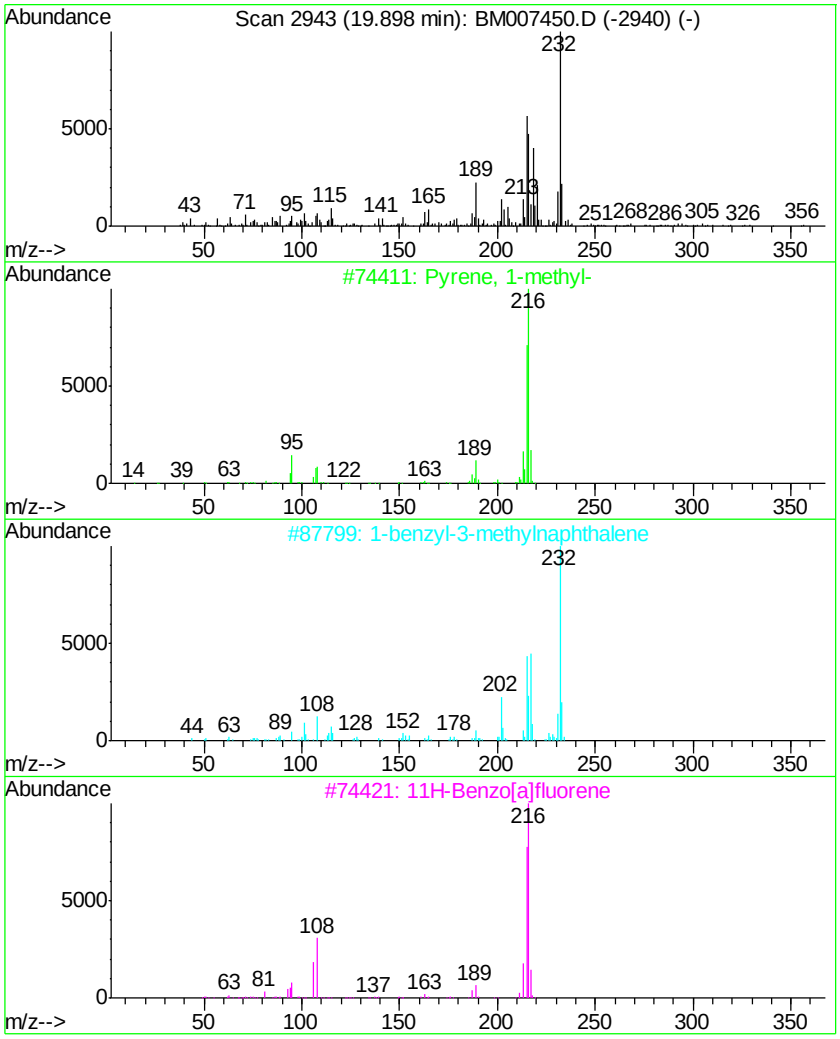
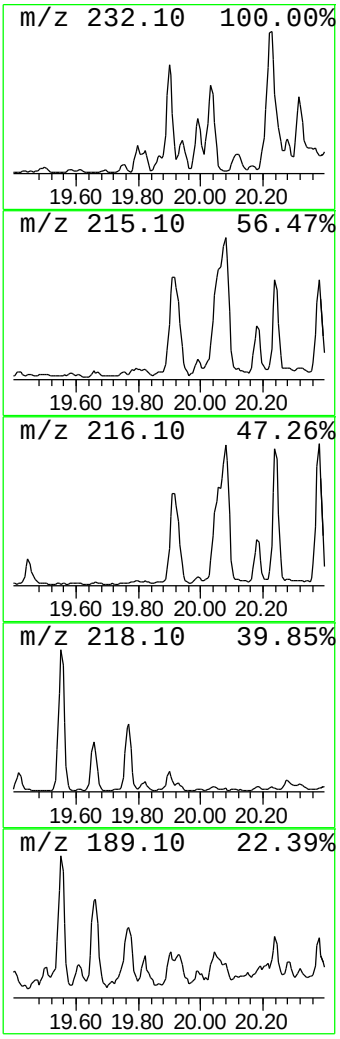
Peak Number 14 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	2.25 ng/ul	1179980	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	45
2	1-benzyl-3-methylnaphthalene	232	C18H16	1000379-93-5	43
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	43
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	41
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	41





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD399

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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

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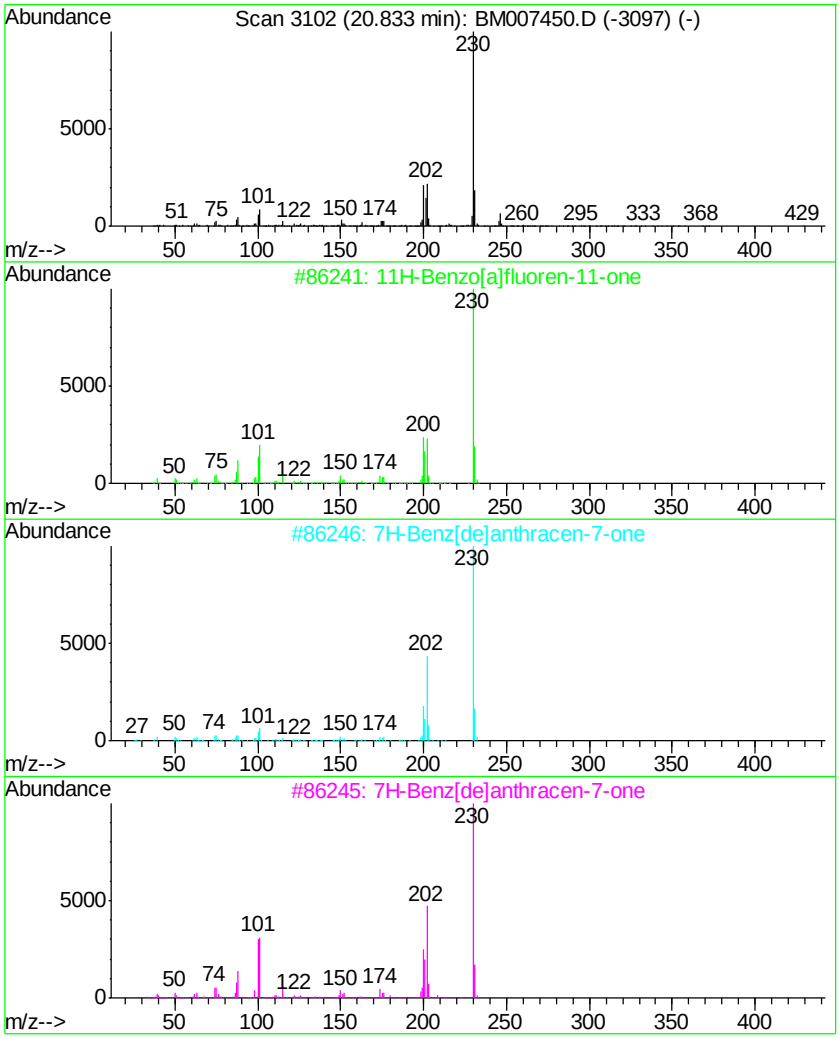
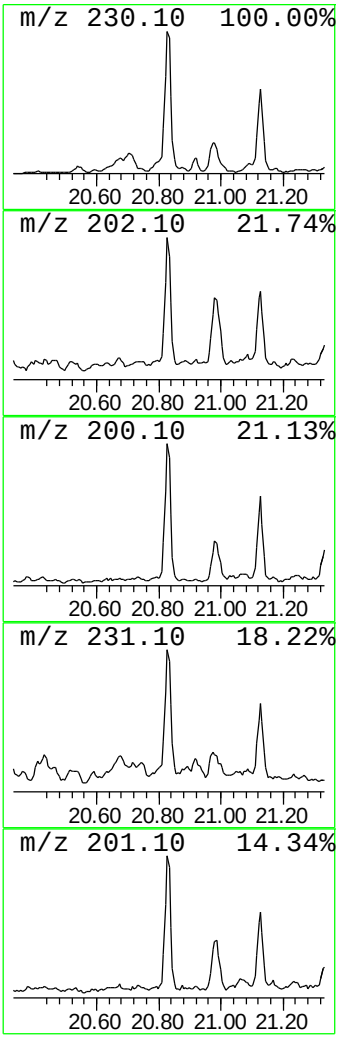
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	2.41 ng/ul	1260500	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81





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Quant Title : SVOA CALIBRATION

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

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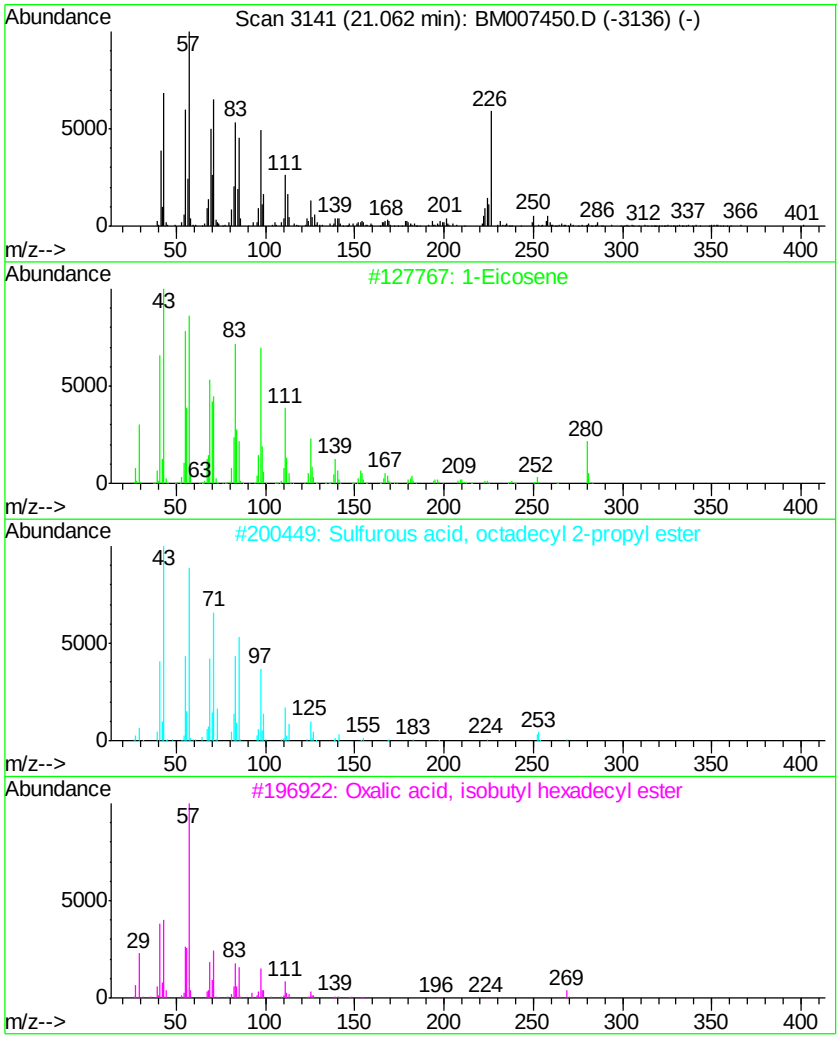
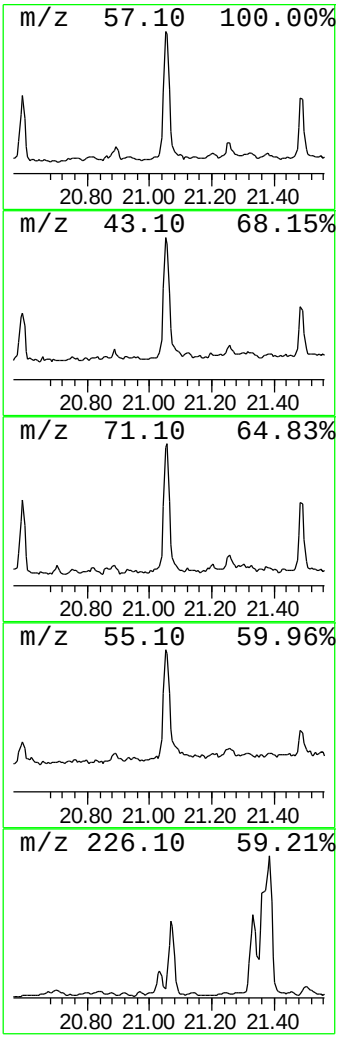
Peak Number 16 (DEL) Alkane: Cyclic21.06 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	3.10 ng/ul	1627080	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	94
2	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	91
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	90
5	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	87





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ClientSampleId : BD399

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Quant Title : SVOA CALIBRATION

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

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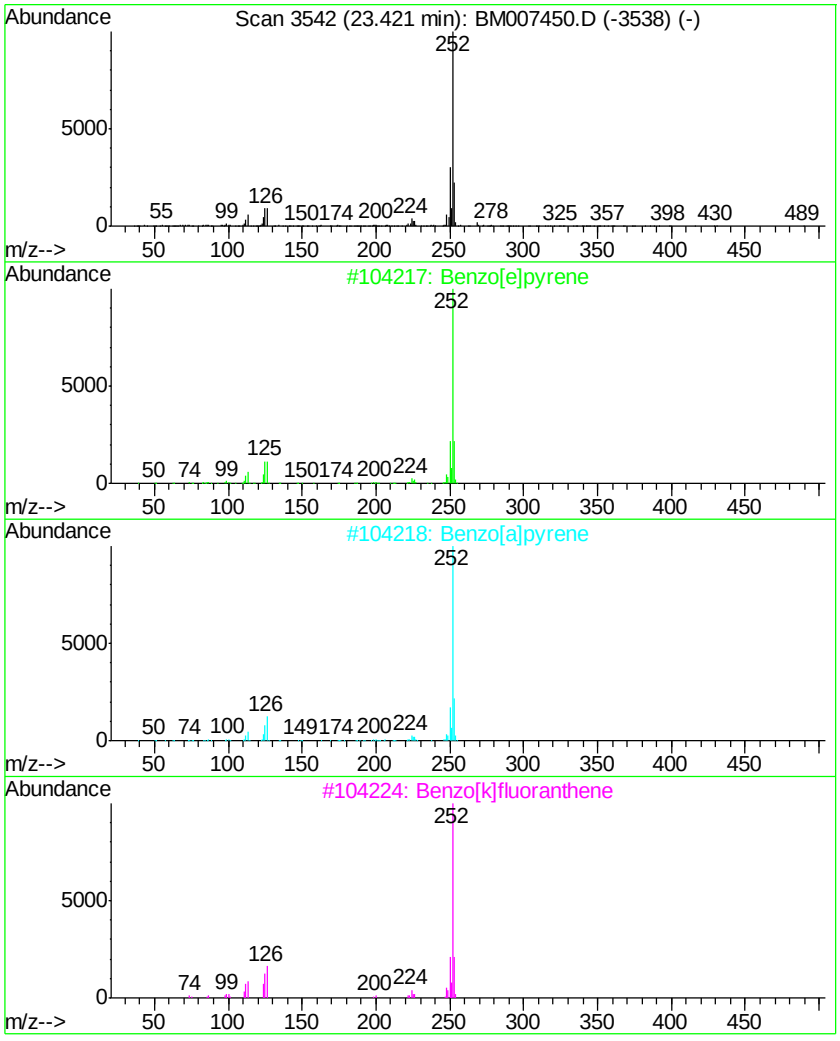
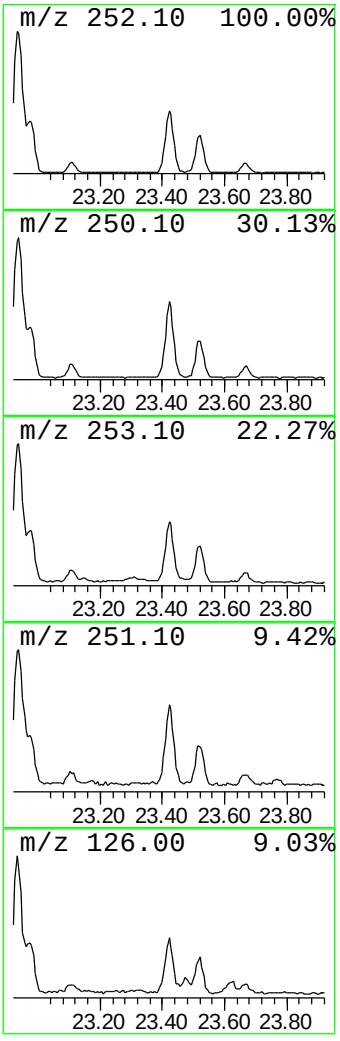
Peak Number 17 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.42	3.22 ng/ul	989195	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





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Data File : BM007450.D
Acq On : 07 Sep 2016 21:54
Operator : UM/SJ
Sample : H4666-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD399

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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

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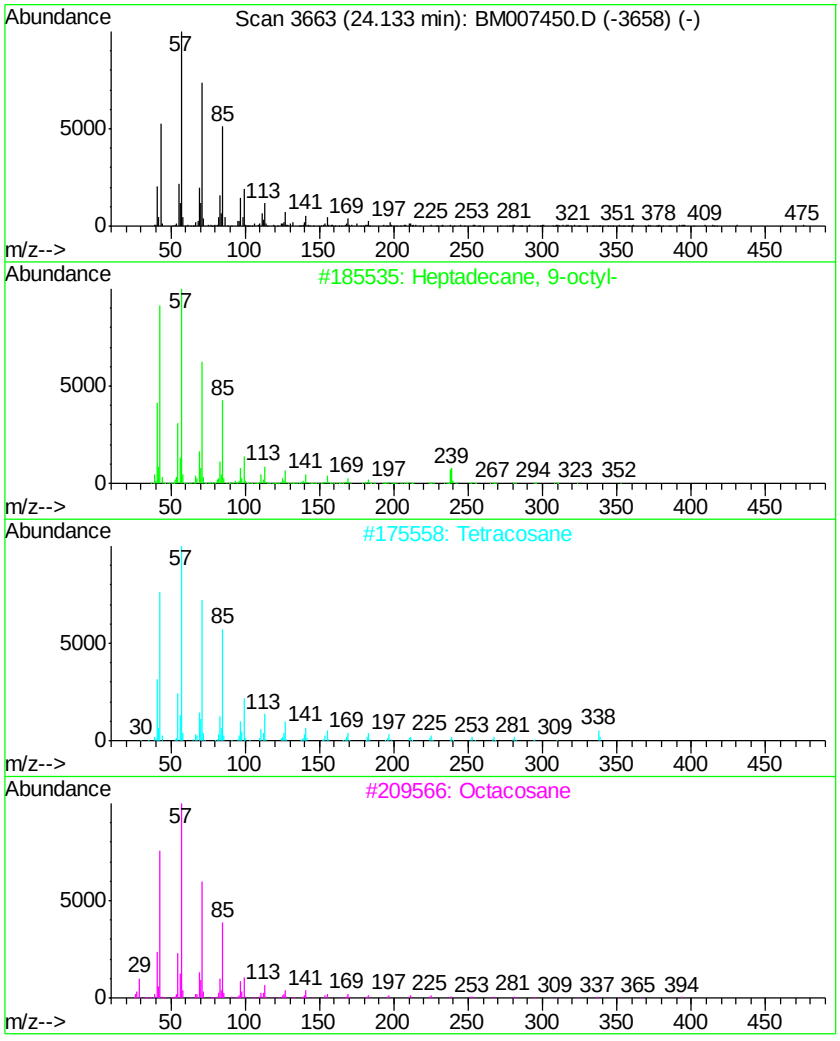
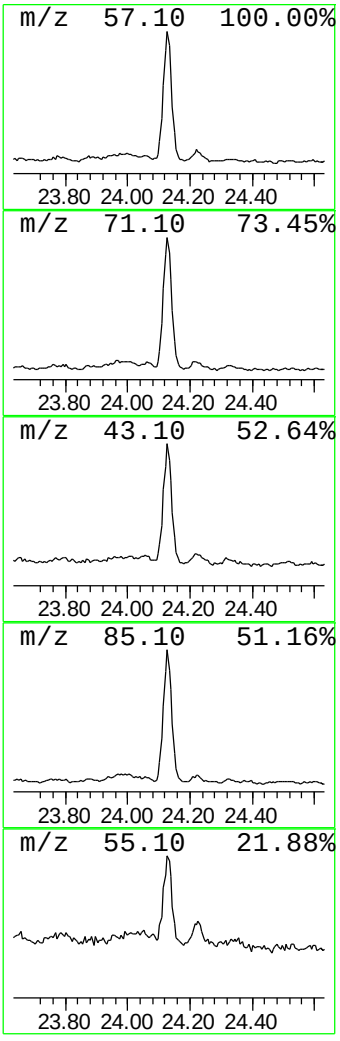
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	4.42 ng/ul	1359940	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Tetracosane	338	C24H50	000646-31-1	94
3	Octacosane	394	C28H58	000630-02-4	94
4	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
5	Tetratetracontane	619	C44H90	007098-22-8	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090716\
Data File : BM007450.D
Acq On : 07 Sep 2016 21:54
Operator : UM/SJ
Sample : H4666-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD399

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

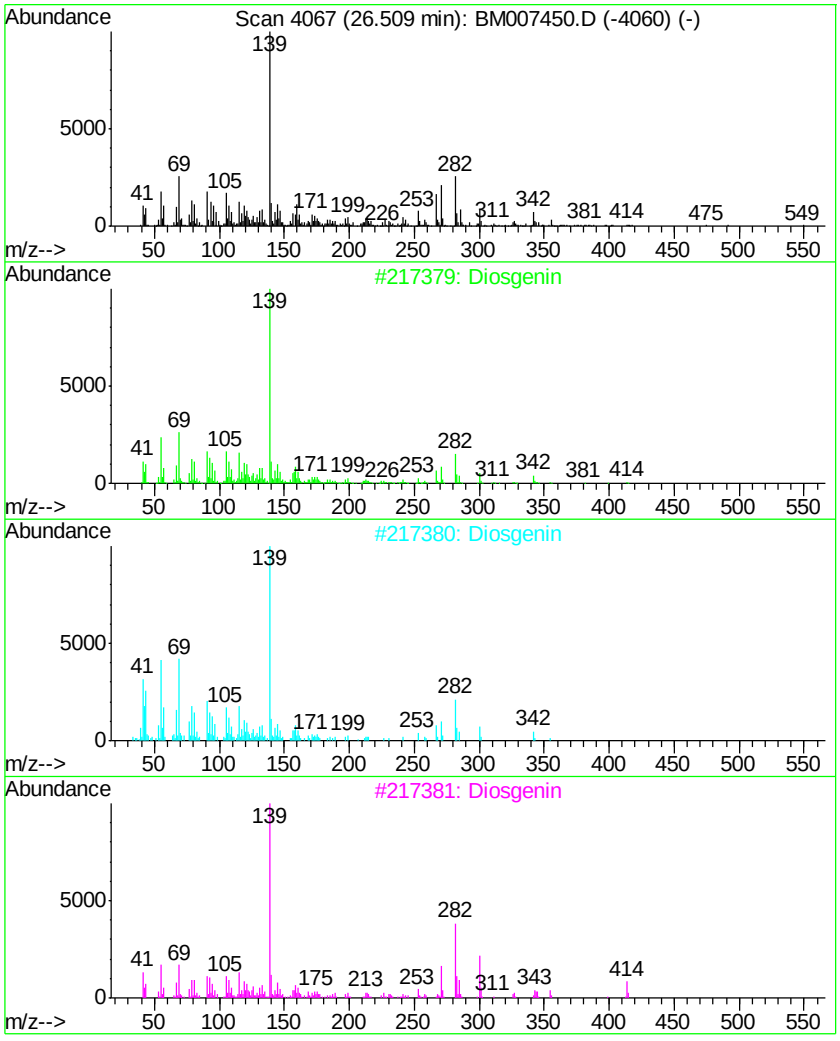
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

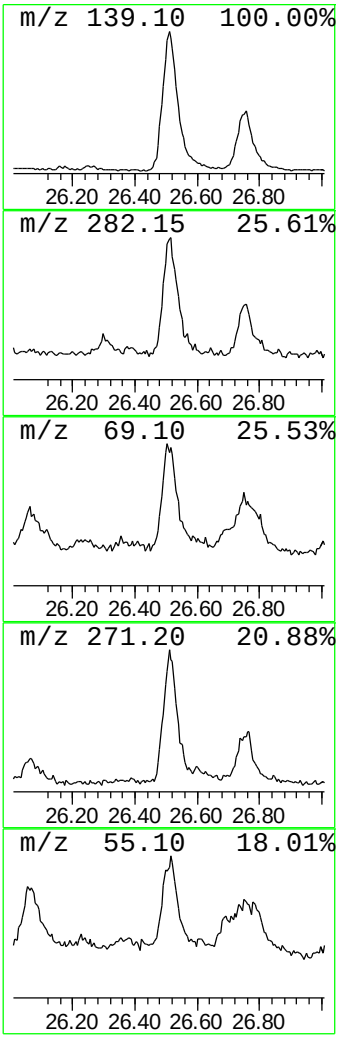
****

Peak Number 19 Diosgenin Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.51	6.41 ng/ul	1970940	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diosgenin	414	C27H42O3	000512-04-9	95
2	Diosgenin	414	C27H42O3	000512-04-9	74
3	Diosgenin	414	C27H42O3	000512-04-9	49
4	Des-N-solasodine	398	C27H42O2	032277-73-9	49
5	4(axial)-n-Propyl-trans-3-oxabic...	182	C12H22O	1000215-94-6	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090716\
Data File : BM007450.D
Acq On : 07 Sep 2016 21:54
Operator : UM/SJ
Sample : H4666-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD399

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.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
Naphthalene, 2,3-...	13.74	2.3	ng/ul	549011	3	14.42	4775510	20.0
(DEL) Alkane: Str...	16.13	2.0	ng/ul	594210	4	17.17	5892290	20.0
(DEL) Alkane: Str...	16.15	2.4	ng/ul	703698	4	17.17	5892290	20.0
9H-Fluoren-9-one	16.82	2.0	ng/ul	590150	4	17.17	5892290	20.0
1-Dodecanol, 2-he...	16.93	7.6	ng/ul	2227930	4	17.17	5892290	20.0
n-Hexadecanoic acid	18.06	7.8	ng/ul	2297810	4	17.17	5892290	20.0
Phenanthrene, 1-m...	18.23	2.6	ng/ul	757345	4	17.17	5892290	20.0
(DEL) Alkane: Str...	18.35	2.0	ng/ul	597183	4	17.17	5892290	20.0
6-Phenylbenzocycl...	18.54	2.7	ng/ul	787360	4	17.17	5892290	20.0
9,10-Anthracenedione	18.59	2.9	ng/ul	842809	4	17.17	5892290	20.0
Phenanthrene, 2,5...	18.96	5.0	ng/ul	1463510	4	17.17	5892290	20.0
Cyclopenta(def)ph...	19.10	2.4	ng/ul	700158	4	17.17	5892290	20.0
unknown-01	19.90	2.3	ng/ul	1179980	5	21.35	10481800	20.0
11H-Benzo[a]fluor...	20.83	2.4	ng/ul	1260500	5	21.35	10481800	20.0
(DEL) Alkane: Cyc...	21.06	3.1	ng/ul	1627080	5	21.35	10481800	20.0
Benzo[e]pyrene	23.42	3.2	ng/ul	989195	6	23.62	6150630	20.0
(DEL) Alkane: Str...	24.13	4.4	ng/ul	1359940	6	23.62	6150630	20.0
Diosgenin	26.51	6.4	ng/ul	1970940	6	23.62	6150630	20.0