LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014362.D
Acq On : 26 Feb 2018 18:36
Operator : SJ/JU
Sample : J1631-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE611

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-BM021418.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	3.099	17	19	26	rVB2	28510	53187	1.23%	0.081%
2	4.681	284	288	298	rVB	73174	115917	2.67%	0.177%
3	5.951	500	504	509	rVB3	28643	45469	1.05%	0.069%
4	6.722	629	635	651	rVB	553184	1042240	24.03%	1.588%
5	6.875	656	661	673	rVB	446169	710987	16.39%	1.083%
6	7.063	686	693	704	rBV	633485	1100704	25.37%	1.677%
7	7.522	765	771	781	rBV	474789	783186	18.05%	1.193%
8	8.245	887	894	903	rBV	748935	1337036	30.82%	2.037%
9	8.681	961	968	984	rBV	678400	1185053	27.32%	1.806%
10	9.398	1082	1090	1106	rBV	573680	1066222	24.58%	1.625%
11	9.933	1174	1181	1196	rBV	765367	1492405	34.40%	2.274%
12	10.292	1235	1242	1248	rBV	731823	1222456	28.18%	1.863%
13	10.339	1248	1250	1255	rVB3	39649	56094	1.29%	0.085%
14	10.451	1263	1269	1280	rBV	568105	1163485	26.82%	1.773%
15	12.192	1559	1565	1575	rVB6	23941	53068	1.22%	0.081%
16	12.998	1696	1702	1709	rVB5	32829	59449	1.37%	0.091%
17	13.498	1781	1787	1793	rBV6	30496	71032	1.64%	0.108%
18	13.604	1799	1805	1809	rBV	1680225	2231929	51.45%	3.401%
19	13.651	1809	1813	1819	rVB	420504	599864	13.83%	0.914%
20	13.868	1843	1850	1863	rBV	1903805	2851907	65.74%	4.346%
21	14.086	1880	1887	1891	rBV	84560	111122	2.56%	0.169%
22	14.180	1894	1903	1910	rBV3	1060247	1663086	38.34%	2.534%
23	14.245	1910	1914	1920	rVB	108556	147903	3.41%	0.225%
24	14.439	1941	1947	1960	rBV	317882	833145	19.21%	1.270%
25	14.592	1968	1973	1978	rBV	64744	104566	2.41%	0.159%
26	14.645	1978	1982	1990	rVV9	39938	89469	2.06%	0.136%
27	15.045	2043	2050	2056	rVB3	114249	207163	4.78%	0.316%
28	15.180	2068	2073	2079	rBV	2161835	3127551	72.10%	4.766%
29	15.239	2079	2083	2089	rVB	115250	176656	4.07%	0.269%
30	15.339	2094	2100	2108	rBV	512746	897148	20.68%	1.367%
31	15.539	2129	2134	2140	rVB4	49168	85270	1.97%	0.130%
32	15.680	2150	2158	2166	rVB4	40262	102667	2.37%	0.156%
33	15.910	2192	2197	2206	rBV2	116068	202996	4.68%	0.309%
34	16.251	2248	2255	2259	rBV7	36360	76240	1.76%	0.116%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014362.D
Acq On : 26 Feb 2018 18:36
Operator : SJ/JU
Sample : J1631-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE611

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-BM021418.M
Title : SVOA CALIBRATION

35	16.480	2289	2294	2297	rBV5	29028	45897	1.06%	0.070%
36	16.604	2311	2315	2323	rBV	92563	134848	3.11%	0.205%
37	16.698	2328	2331	2337	rVV4	72325	127615	2.94%	0.194%
38	16.757	2337	2341	2351	rVB	99238	171757	3.96%	0.262%
39	16.939	2364	2372	2375	rBV	1425909	1920366	44.27%	2.926%
40	16.980	2375	2379	2384	rVB	1771969	2329279	53.69%	3.549%
41	17.039	2384	2389	2393	rBV	2356919	3295125	75.96%	5.021%
42	17.145	2401	2407	2410	rBV7	26024	55796	1.29%	0.085%
43	17.356	2436	2443	2451	rBV4	137710	331482	7.64%	0.505%
44	17.462	2456	2461	2467	rVV6	50087	100773	2.32%	0.154%
45	17.533	2468	2473	2479	rVB9	36593	90957	2.10%	0.139%
46	17.739	2504	2508	2512	rVB6	27678	44910	1.04%	0.068%
47	17.815	2514	2521	2524	rBV	223407	349836	8.06%	0.533%
48	17.851	2524	2527	2535	rVB2	513434	961589	22.17%	1.465%
49	17.945	2540	2543	2548	rVV2	97207	150390	3.47%	0.229%
50	18.009	2548	2554	2558	rVV2	308774	581197	13.40%	0.886%
51	18.045	2558	2560	2567	rVB	175602	234437	5.40%	0.357%
52	18.133	2572	2575	2578	rBV4	51415	64041	1.48%	0.098%
53	18.180	2580	2583	2586	rVV4	33715	48173	1.11%	0.073%
54	18.221	2586	2590	2594	rVB7	28008	46358	1.07%	0.071%
55	18.321	2603	2607	2611	rBV	159394	221733	5.11%	0.338%
56	18.374	2612	2616	2623	rVB	250343	379012	8.74%	0.578%
57	18.568	2642	2649	2655	rBV7	69364	145801	3.36%	0.222%
58	18.621	2655	2658	2662	rVB3	54212	62594	1.44%	0.095%
59	18.662	2662	2665	2669	rVB2	57912	74587	1.72%	0.114%
60	18.745	2672	2679	2683	rBV3	151021	283342	6.53%	0.432%
61	18.833	2693	2694	2698	rVB2	56889	58052	1.34%	0.088%
62	18.892	2698	2704	2710	rBV3	154030	305735	7.05%	0.466%
63	19.009	2716	2724	2731	rBV	2540012	3447497	79.47%	5.253%
64	19.074	2733	2735	2739	rVB3	40616	50548	1.17%	0.077%
65	19.115	2739	2742	2743	rBV3	57330	62150	1.43%	0.095%
66	19.139	2743	2746	2754	rVB4	203948	339430	7.82%	0.517%
67	19.227	2758	2761	2762	rBV3	68656	58446	1.35%	0.089%
68	19.345	2776	2781	2784	rBV	2981868	4338023	100.00%	6.610%
69	19.374	2784	2786	2795	rVV	2266759	2756023	63.53%	4.200%
70	19.450	2795	2799	2804	rVV2	96604	148413	3.42%	0.226%
71	19.562	2814	2818	2822	rBV	109361	153816	3.55%	0.234%

LSC Area Percent Report

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Acq On : 26 Feb 2018 18:36
Operator : SJ/JU
Sample : J1631-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE611

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-BM021418.M
Title : SVOA CALIBRATION

72	19.627	2825	2829	2833	rVB3	67265	108313	2.50%	0.165%
73	19.674	2834	2837	2838	rBV2	53665	56880	1.31%	0.087%
74	19.703	2838	2842	2844	rBV4	116020	171517	3.95%	0.261%
75	19.839	2862	2865	2868	rBV4	102035	165604	3.82%	0.252%
76	19.874	2868	2871	2876	rVB	224699	334959	7.72%	0.510%
77	19.980	2886	2889	2892	rBV2	94996	117014	2.70%	0.178%
78	20.033	2895	2898	2903	rVB3	186145	275997	6.36%	0.421%
79	20.174	2919	2922	2926	rBV	126482	146444	3.38%	0.223%
80	20.221	2926	2930	2934	rBV2	132932	193536	4.46%	0.295%
81	20.439	2965	2967	2971	rBV5	66206	96120	2.22%	0.146%
82	20.633	2996	3000	3005	rBV	223196	338913	7.81%	0.516%
83	20.792	3024	3027	3031	rBV2	173174	244682	5.64%	0.373%
84	20.833	3031	3034	3037	rVV	190280	213306	4.92%	0.325%
85	20.874	3037	3041	3048	rVV4	367919	664229	15.31%	1.012%
86	20.933	3048	3051	3057	rVB	209448	280877	6.47%	0.428%
87	21.068	3071	3074	3078	rVB	600521	598250	13.79%	0.912%
88	21.150	3081	3088	3091	rVV2	1870808	3476581	80.14%	5.298%
89	21.186	3091	3094	3099	rVB	972753	1190054	27.43%	1.813%
90	21.403	3128	3131	3137	rVB3	314707	379520	8.75%	0.578%
91	21.692	3178	3180	3183	rVB2	192615	175500	4.05%	0.267%
92	22.680	3342	3348	3352	rBV	650219	1429937	32.96%	2.179%
93	23.133	3421	3425	3429	rBV	335433	574741	13.25%	0.876%
94	23.186	3429	3434	3438	rVV2	1659795	2851600	65.74%	4.345%
95	23.227	3438	3441	3449	rVB	583726	941064	21.69%	1.434%
96	23.321	3451	3457	3462	rBV	895056	1563155	36.03%	2.382%

Sum of corrected areas: 65625493

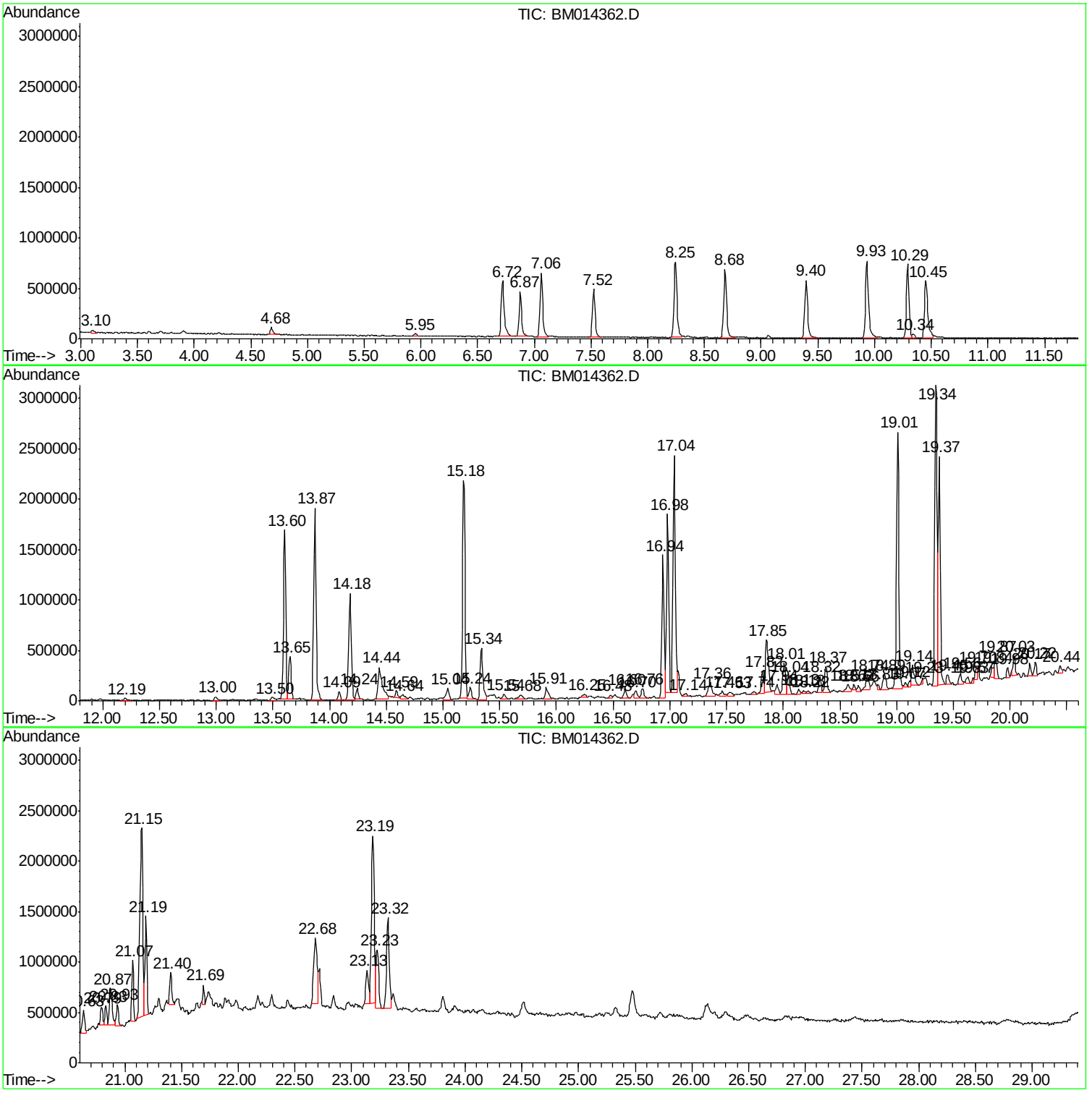
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014362.D
Acq On : 26 Feb 2018 18:36
Operator : SJ/JU
Sample : J1631-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE611

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014362.D
Acq On : 26 Feb 2018 18:36
Operator : SJ/JU
Sample : J1631-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE611

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

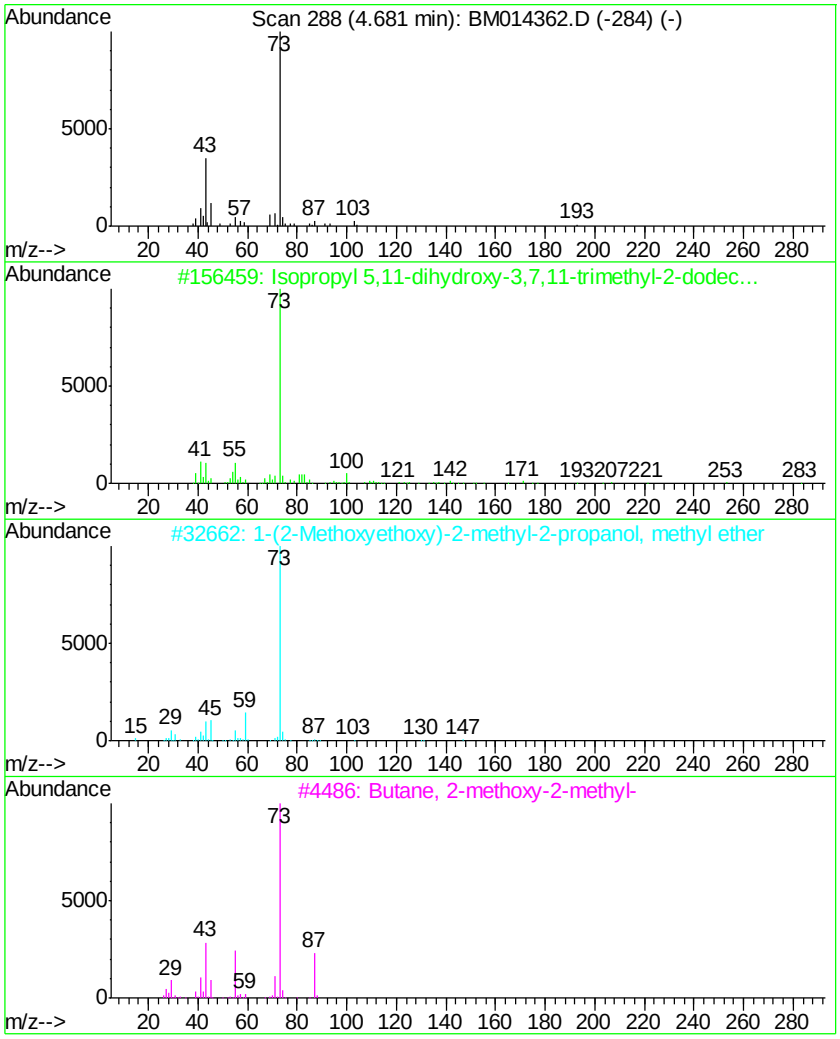
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

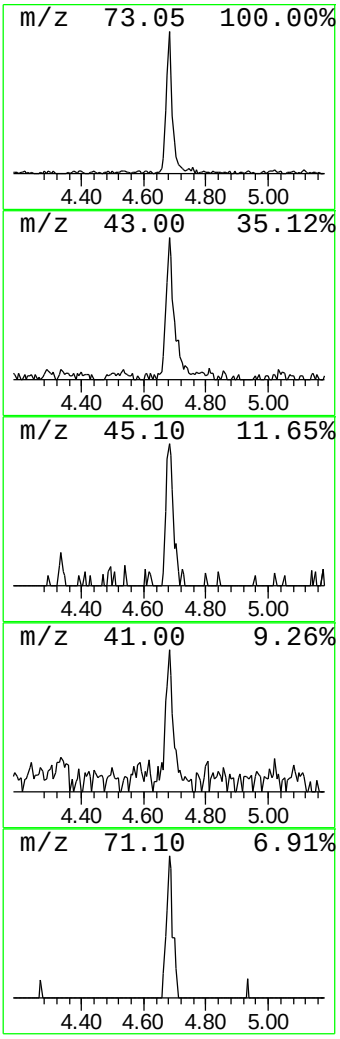
****

Peak Number 1 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	2.96 ng/ul	115917	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl 5,11-dihydroxy-3,7,11-...	314	C18H34O4	1000223-34-1	40
2	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	33
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	33
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	32
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	25





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014362.D
Acq On : 26 Feb 2018 18:36
Operator : SJ/JU
Sample : J1631-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE611

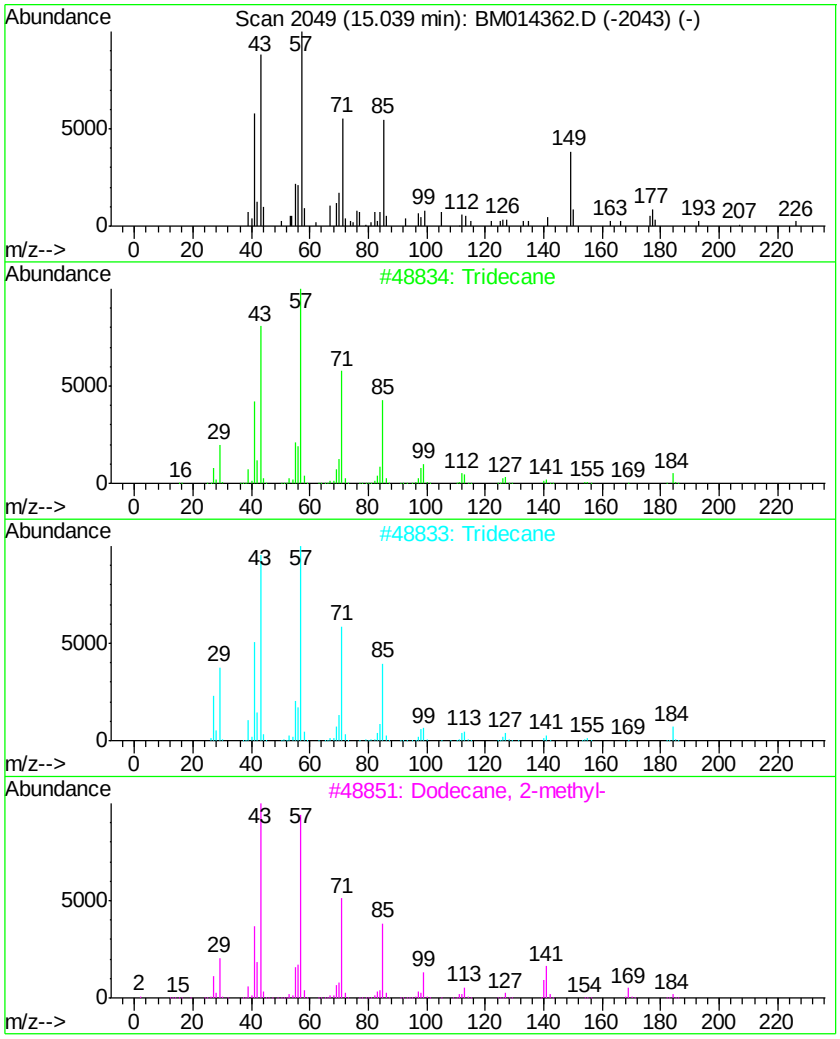
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

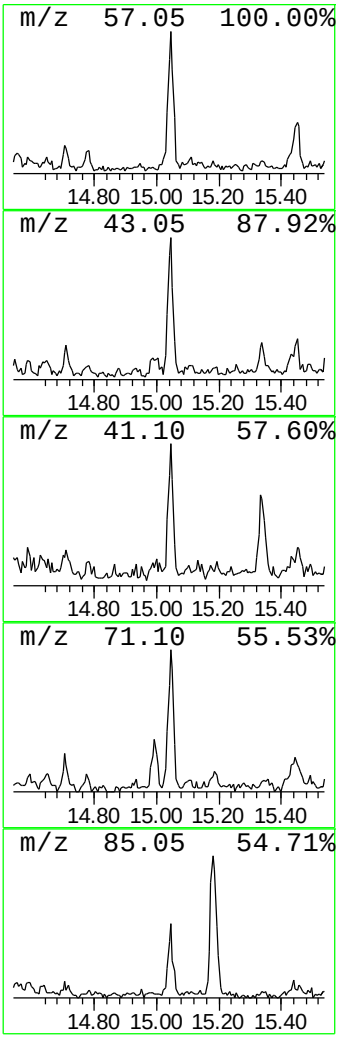
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	2.49 ng/ul	207163	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	80
2	Tridecane	184	C13H28	000629-50-5	80
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014362.D
Acq On : 26 Feb 2018 18:36
Operator : SJ/JU
Sample : J1631-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE611

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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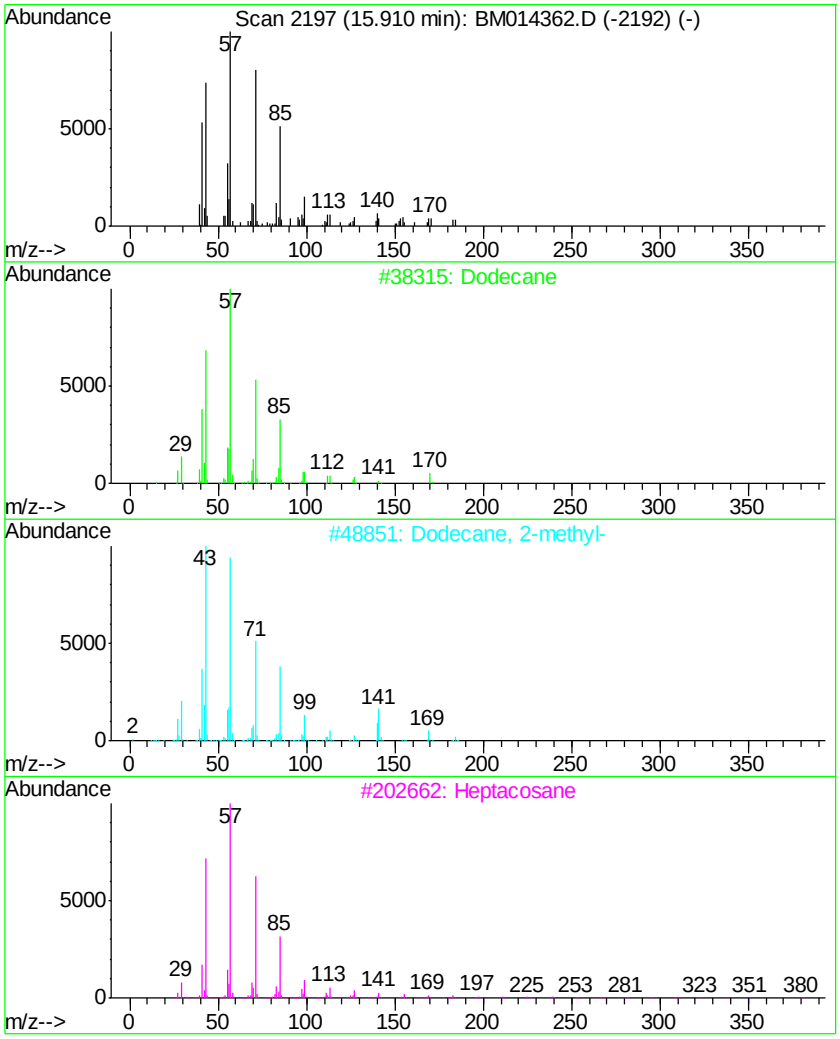
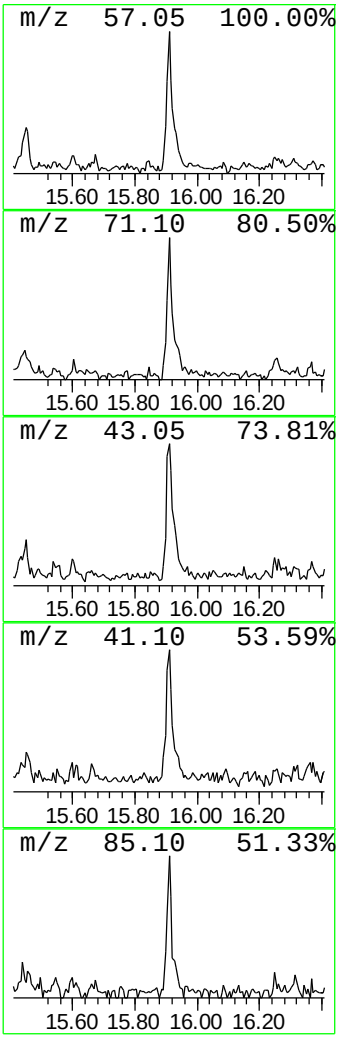
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	2.11 ng/ul	202996	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	83
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
3	Heptacosane	380	C27H56	000593-49-7	64
4	Tridecane	184	C13H28	000629-50-5	64
5	Tridecane	184	C13H28	000629-50-5	64





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Data File : BM014362.D
Acq On : 26 Feb 2018 18:36
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Sample : J1631-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE611

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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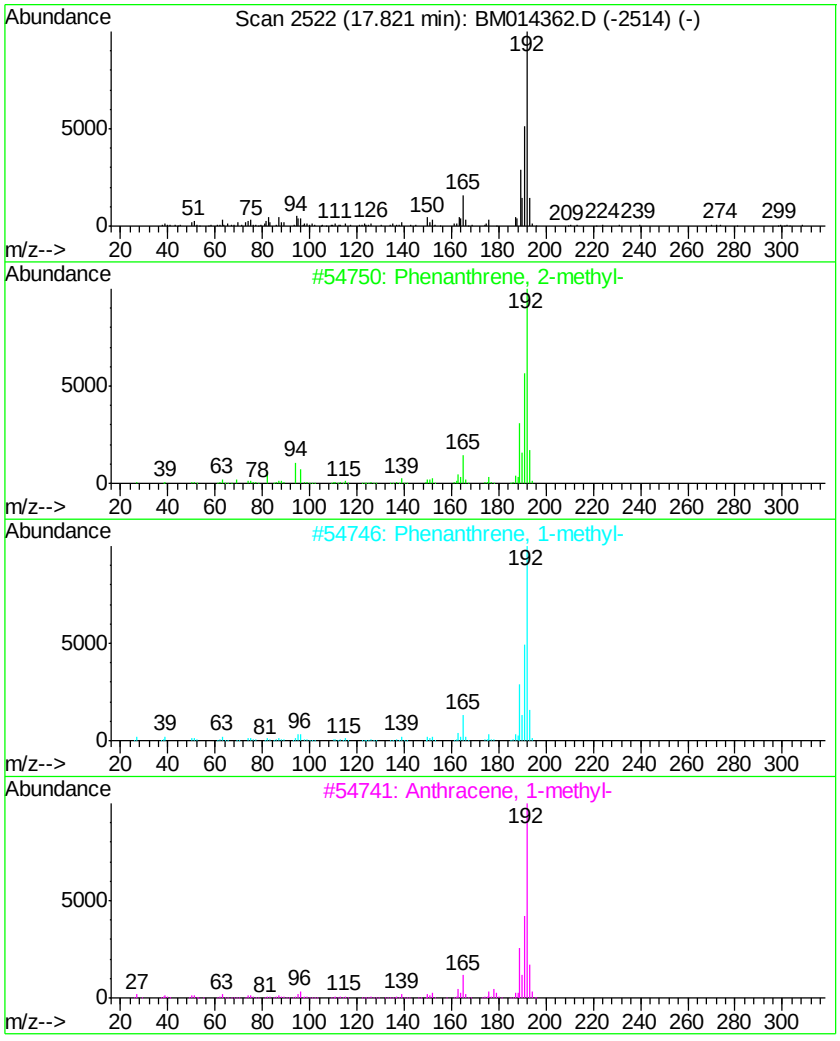
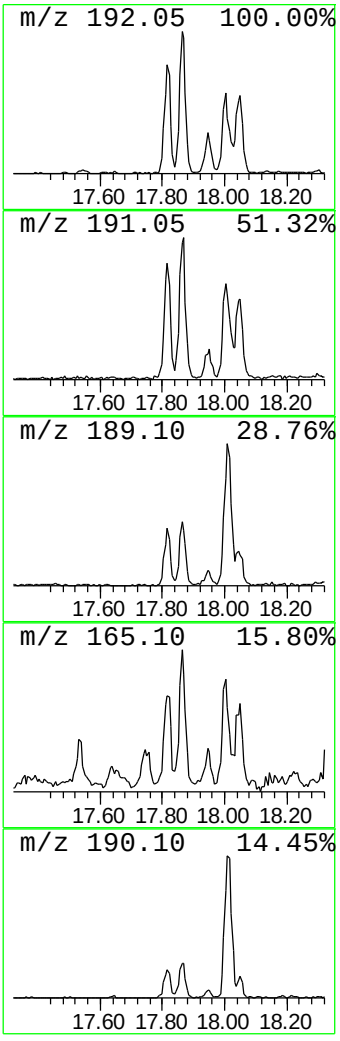
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	3.64 ng/ul	349836	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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Data File : BM014362.D
Acq On : 26 Feb 2018 18:36
Operator : SJ/JU
Sample : J1631-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE611

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

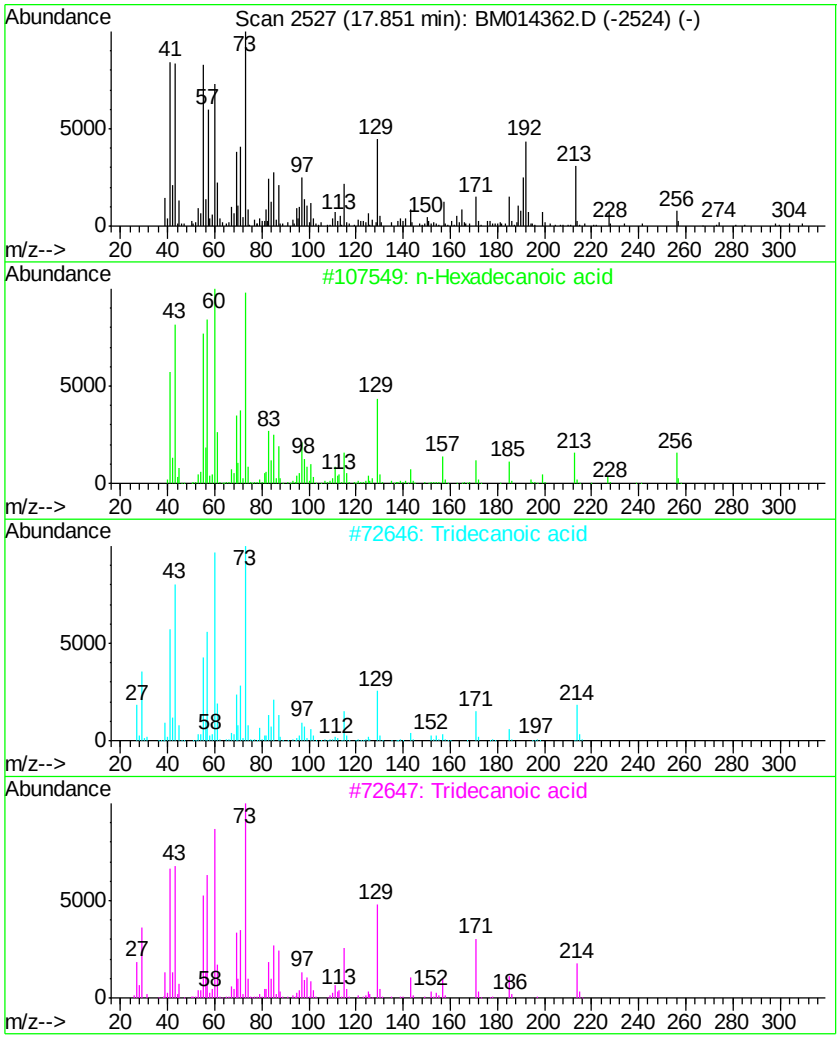
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

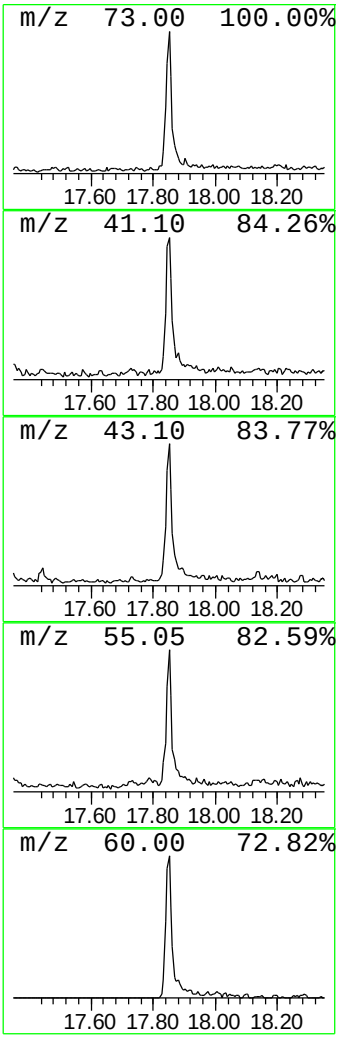
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	10.01 ng/ul	961589	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	70
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





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Data File : BM014362.D
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Instrument : BNA_M
ClientSampleId : BE611

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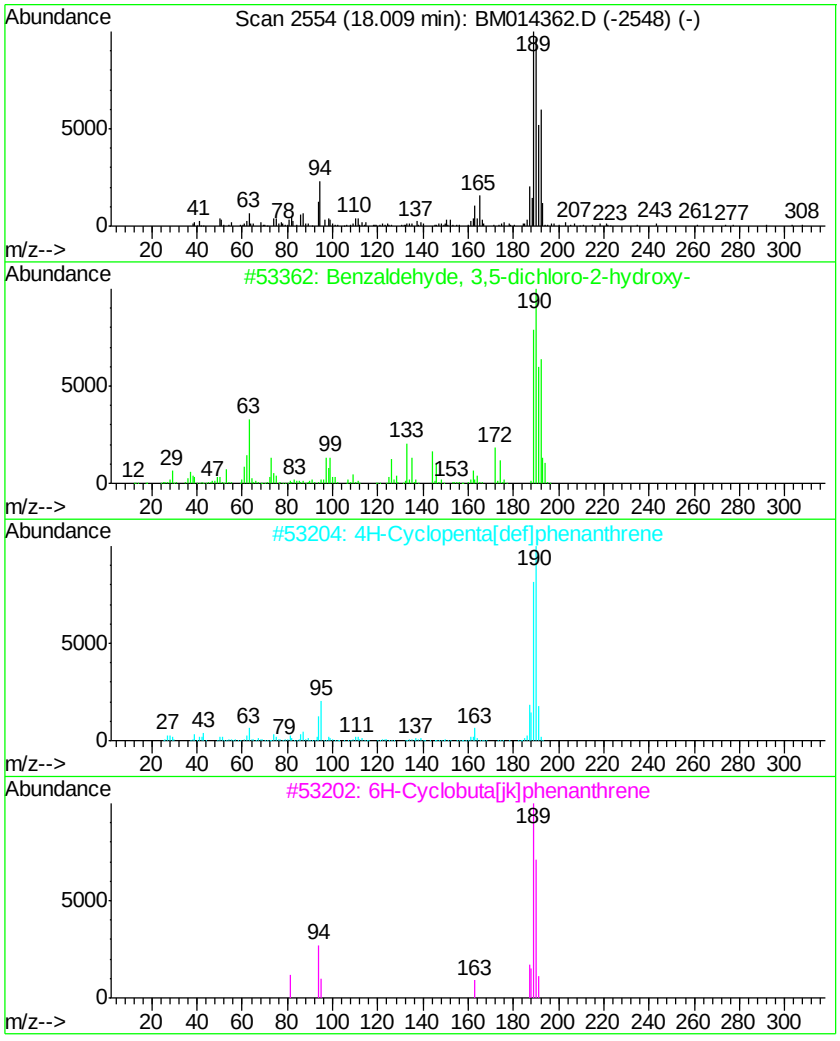
Quant Title : SVOA CALIBRATION

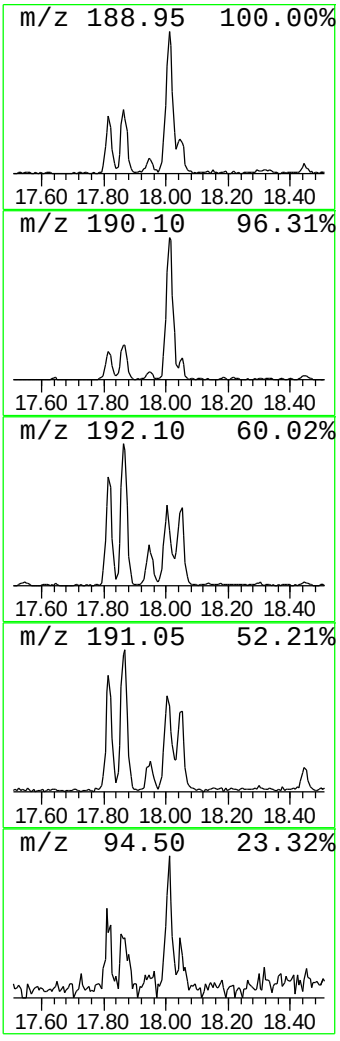
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	6.05 ng/ul	581197	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50





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Acq On : 26 Feb 2018 18:36
Operator : SJ/JU
Sample : J1631-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE611

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Quant Title : SVOA CALIBRATION

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

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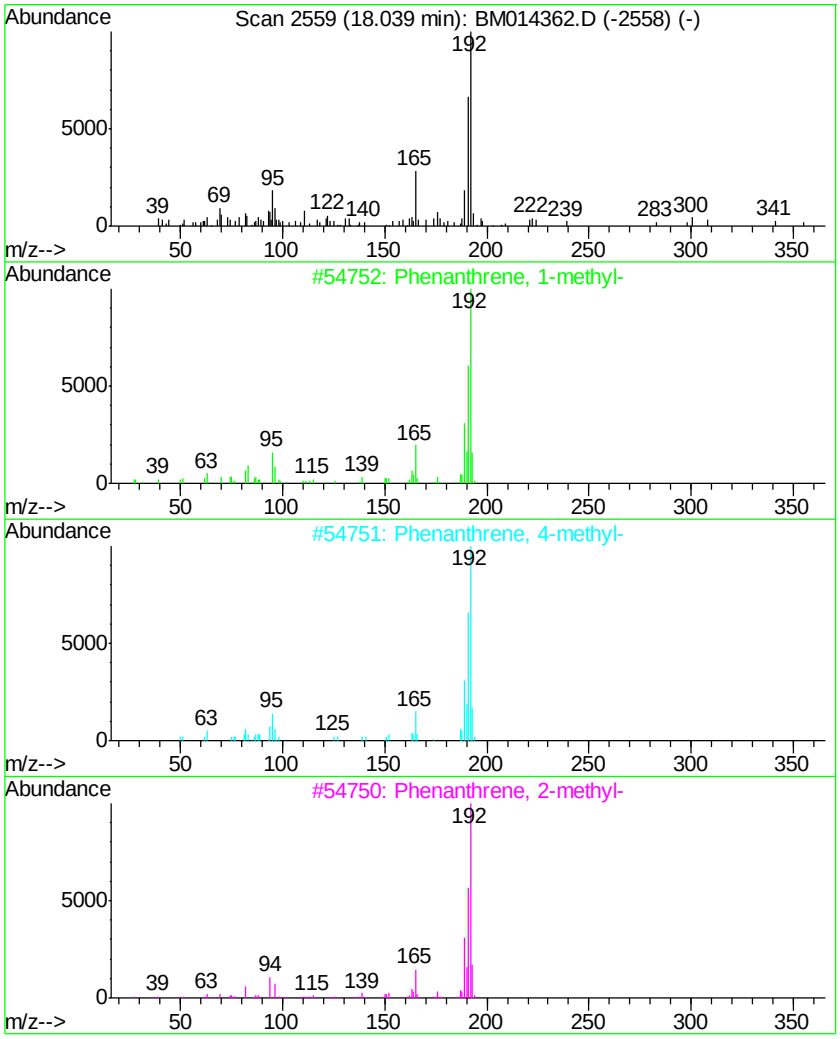
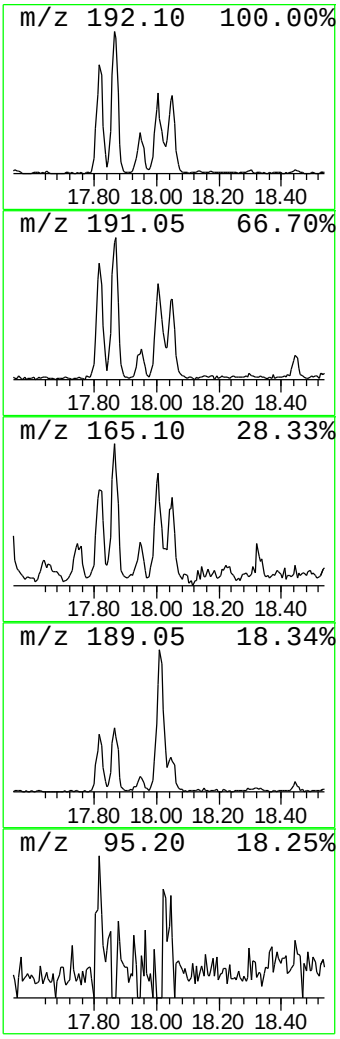
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	2.44 ng/ul	234437	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





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Sample : J1631-21
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Quant Title : SVOA CALIBRATION

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

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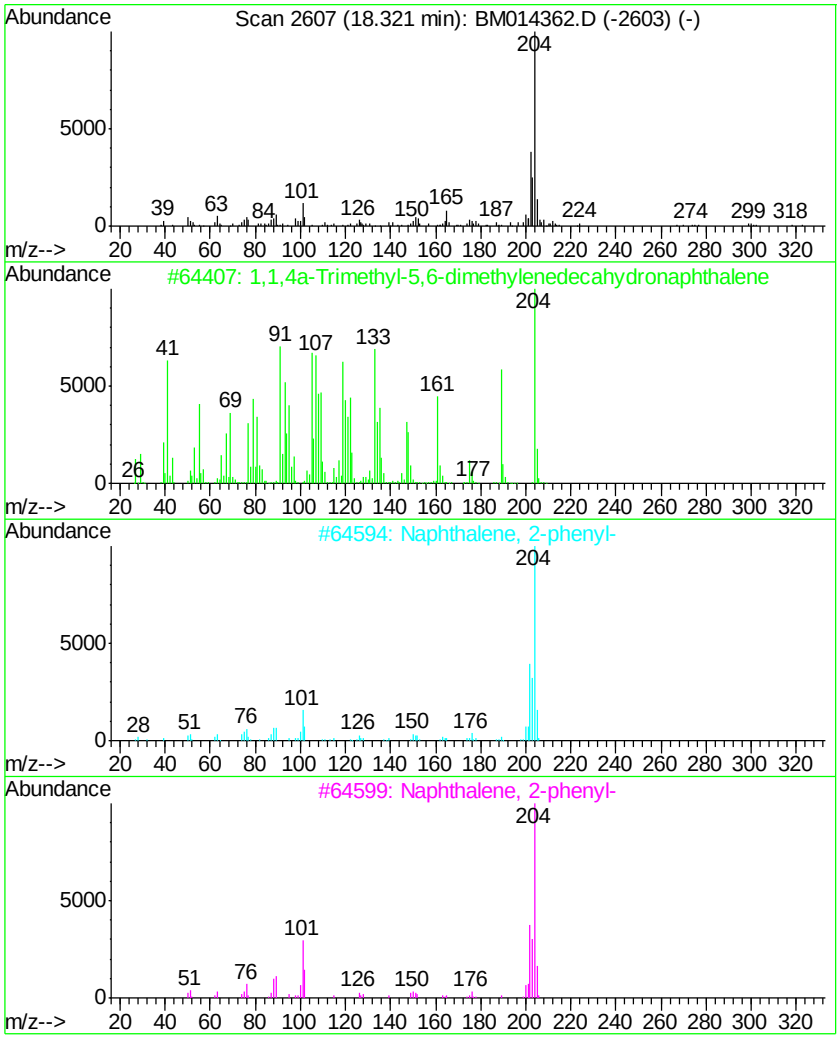
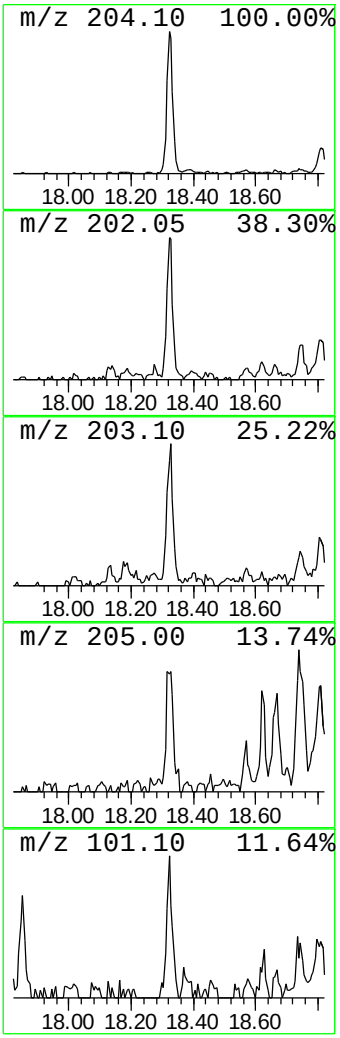
Peak Number 8 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.31 ng/ul	221733	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	58





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Quant Title : SVOA CALIBRATION

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

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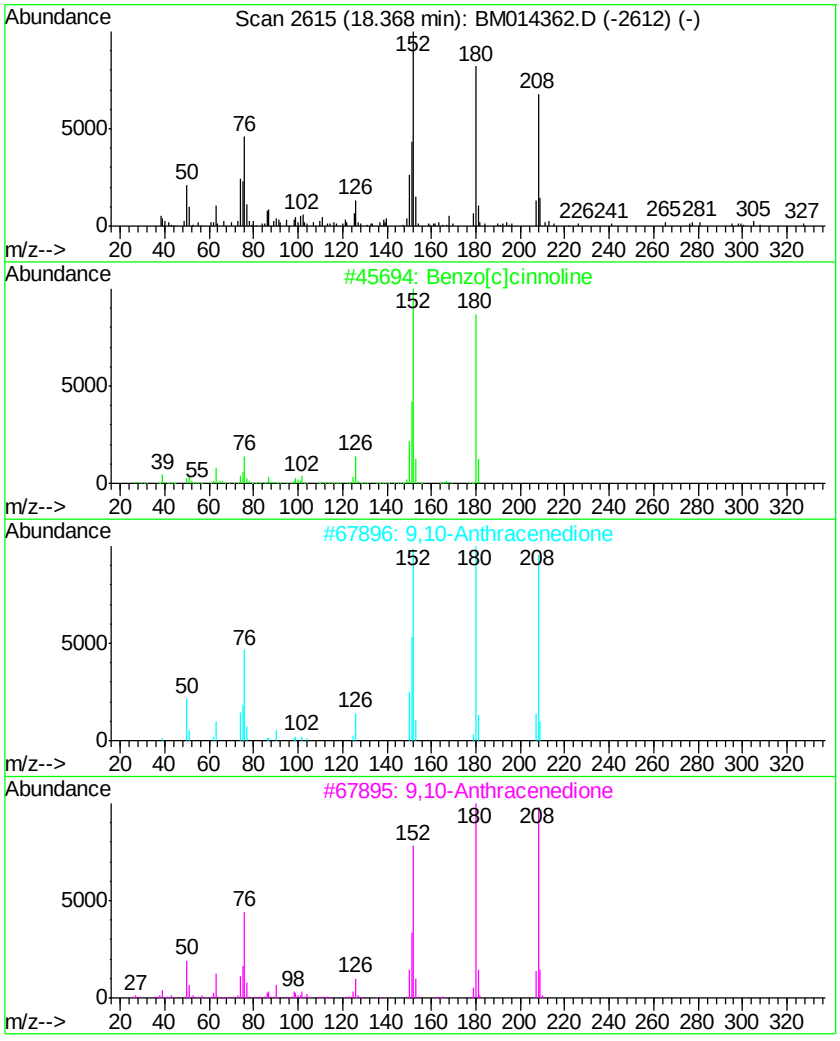
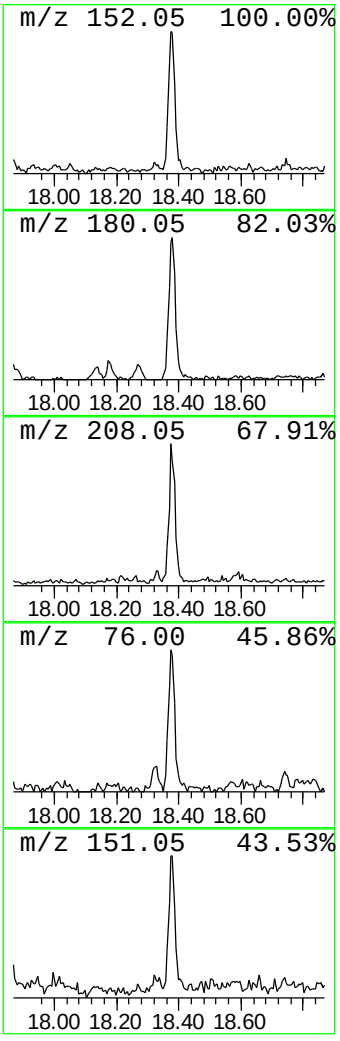
Peak Number 9 Benzo[c]cinnoline Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	3.95 ng/ul	379012	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86





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Sample : J1631-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE611

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Quant Title : SVOA CALIBRATION

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

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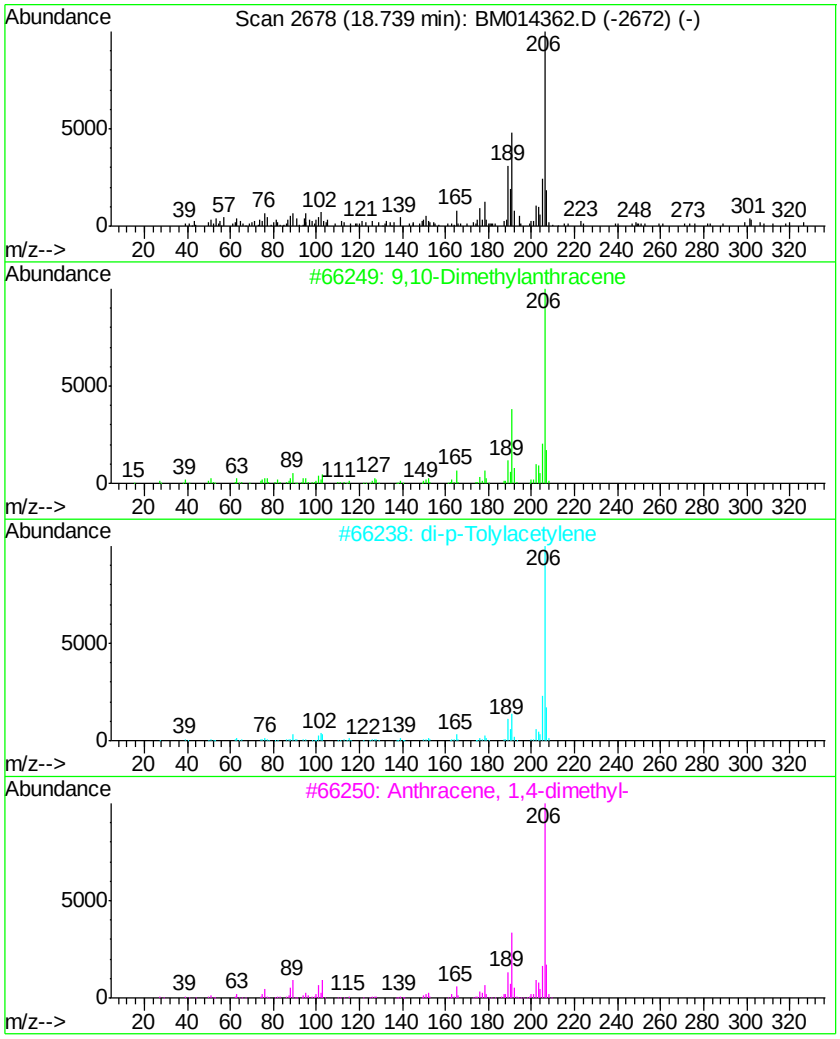
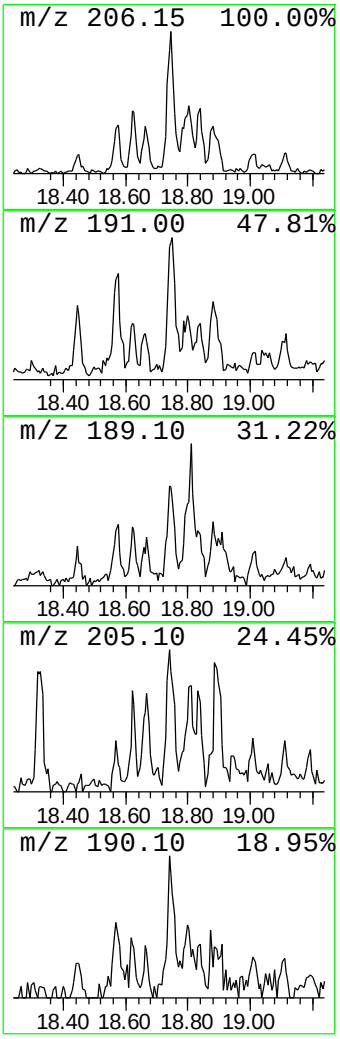
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	2.95 ng/ul	283342	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Sample : J1631-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

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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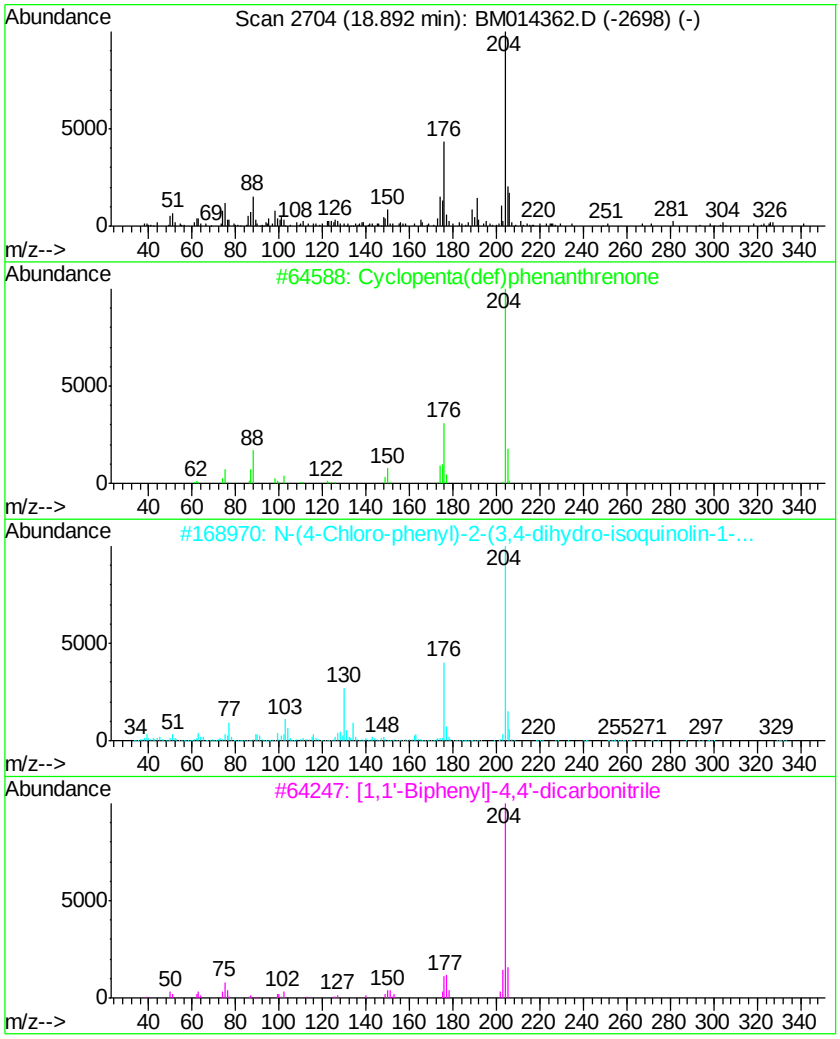
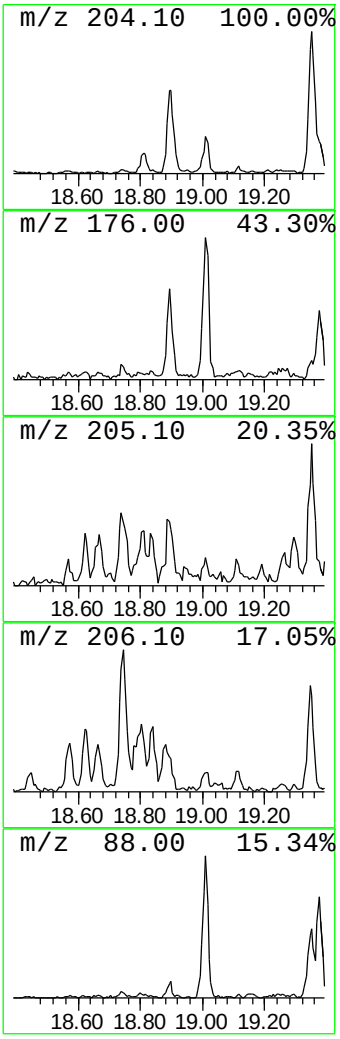
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	3.18 ng/ul	305735	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	76
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	53
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	50
5	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	50





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Operator : SJ/JU
Sample : J1631-21
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ALS Vial : 13 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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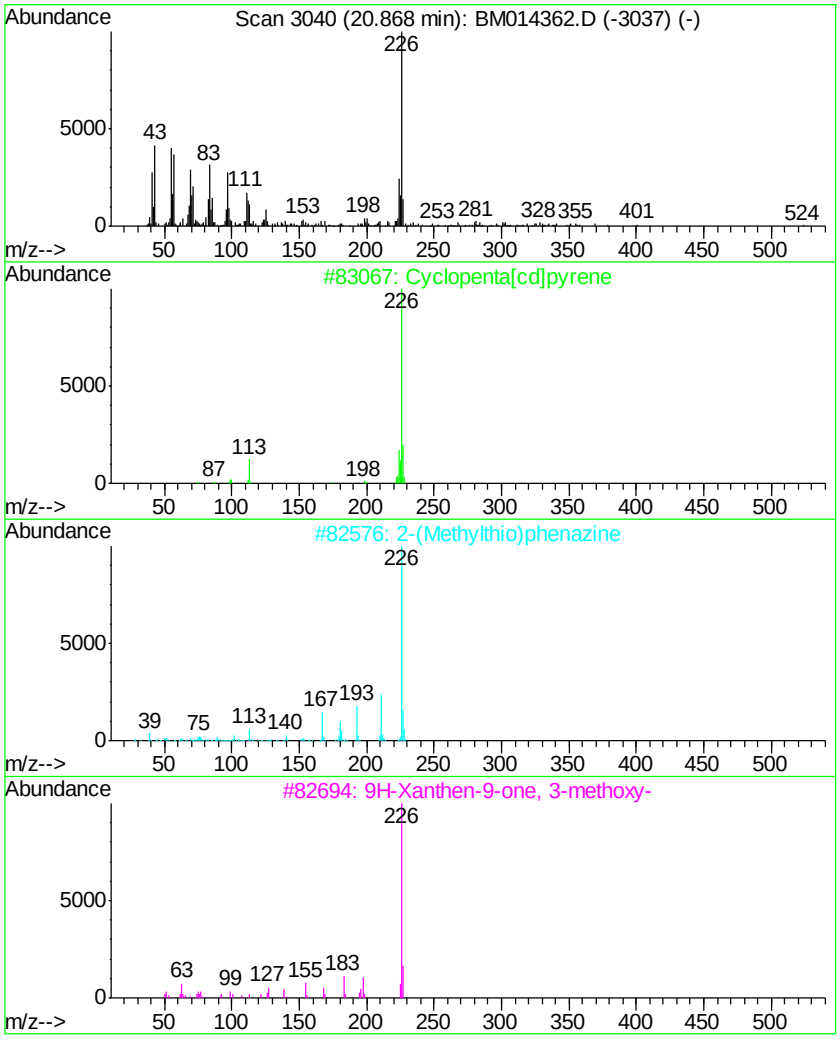
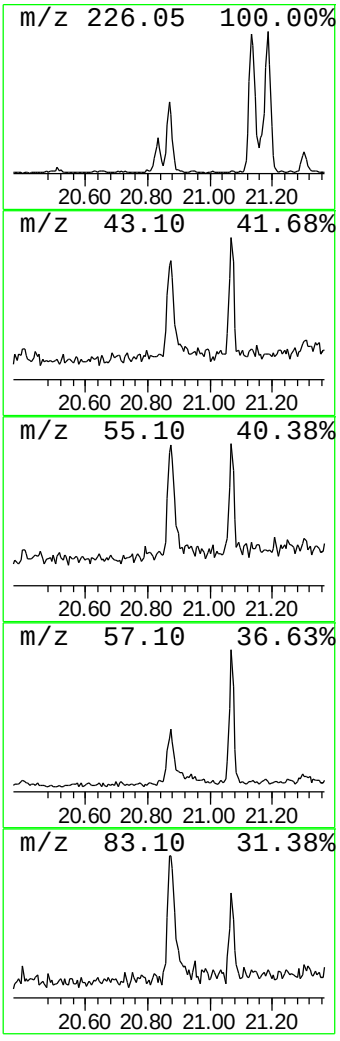
Peak Number 12 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	3.82 ng/ul	664229	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38
2	2-(Methylthio)phenazine	226	C13H10N2S	005752-54-5	38
3	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	38
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	35
5	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	35





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Operator : SJ/JU
Sample : J1631-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

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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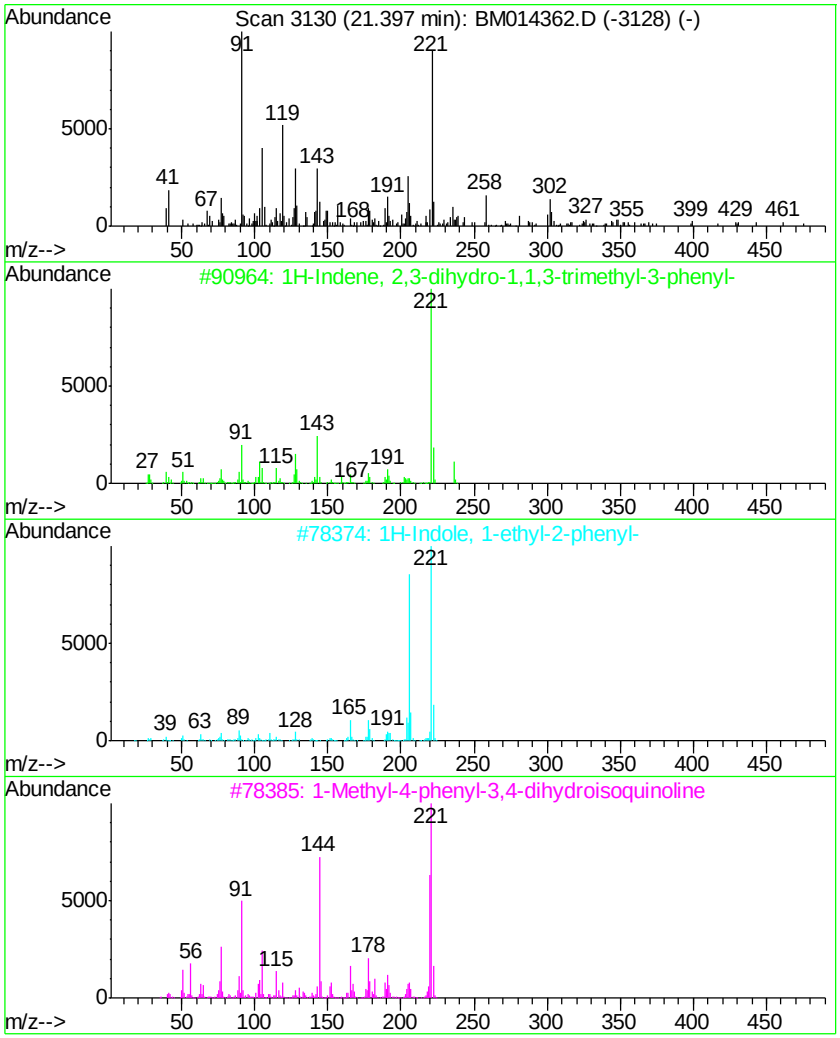
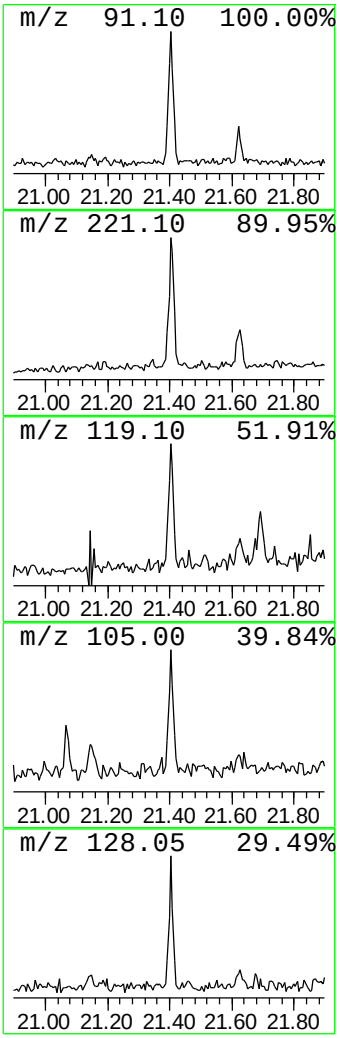
Peak Number 13 unknown-03 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.18 ng/ul	379520	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	43
2	1H-Indole, 1-ethyl-2-phenyl-	221	C16H15N	013228-39-2	27
3	1-Methyl-4-phenyl-3,4-dihydroiso...	221	C16H15N	1000211-01-5	27
4	4-Hydroxy-beta-phenylcinnamonitrile	221	C15H11NO	016281-90-6	27
5	Benz[j]isoquinoline, 3,6,8-trime...	221	C16H15N	061171-16-2	27





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Sample : J1631-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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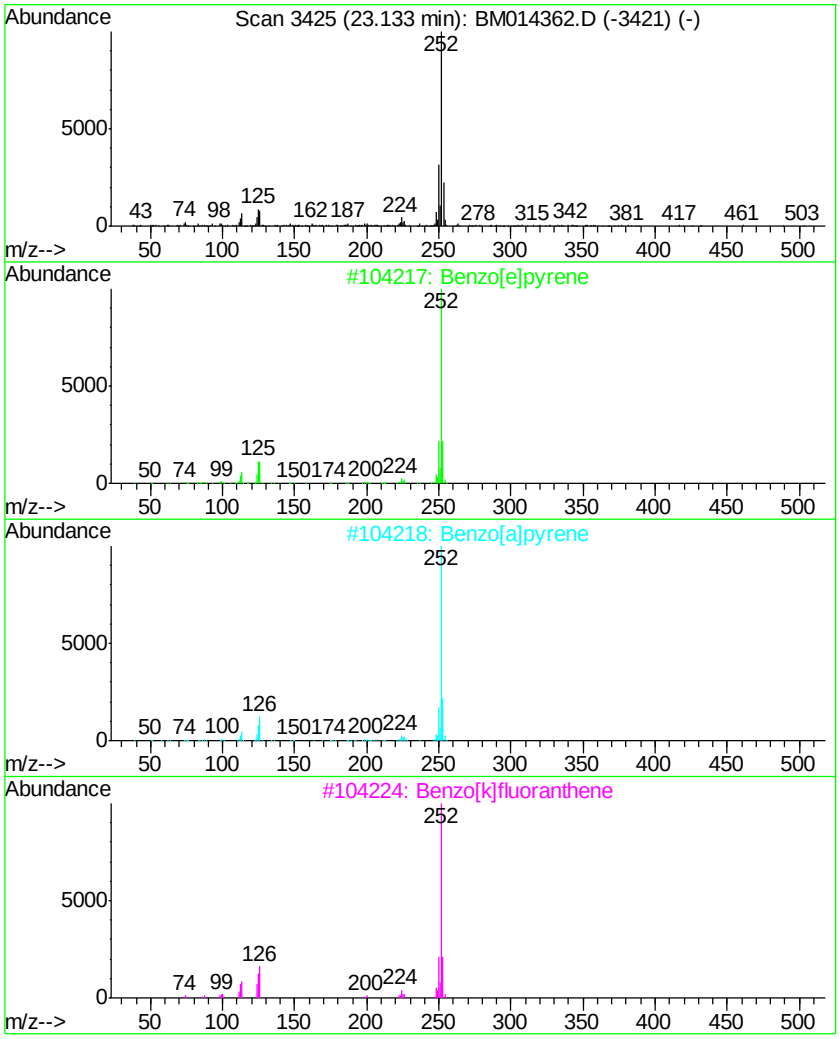
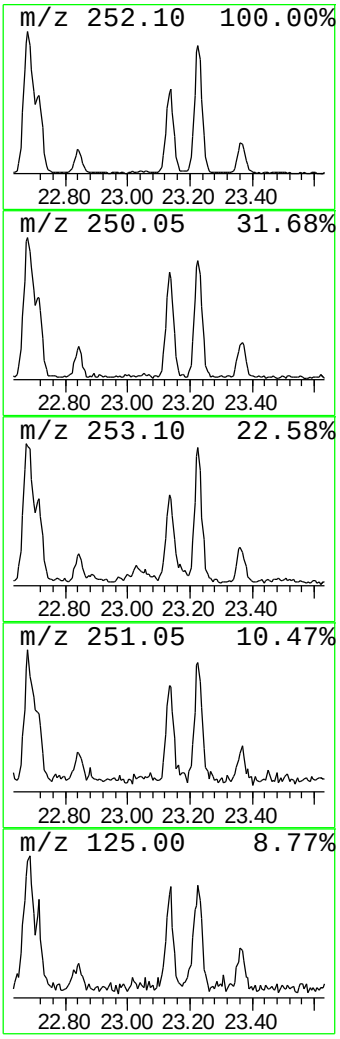
Peak Number 14 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.13	7.35 ng/ul	574741	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	89





Tentatively Identified Compound (LSC) summary

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Operator : SJ/JU
Sample : J1631-21
Misc :
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Instrument : BNA_M
ClientSampleId : BE611

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Quant Title : SVOA CALIBRATION

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

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unknown-01	4.68	3.0	ng/ul	115917	1	7.52	783186	20.0
(DEL) Alkane: Str...	15.04	2.5	ng/ul	207163	3	14.18	1663090	20.0
(DEL) Alkane: Str...	15.91	2.1	ng/ul	202996	4	16.94	1920370	20.0
Phenanthrene, 2-m...	17.82	3.6	ng/ul	349836	4	16.94	1920370	20.0
n-Hexadecanoic acid	17.85	10.0	ng/ul	961589	4	16.94	1920370	20.0
Benzaldehyde, 3,5...	18.01	6.0	ng/ul	581197	4	16.94	1920370	20.0
Phenanthrene, 1-m...	18.04	2.4	ng/ul	234437	4	16.94	1920370	20.0
1,1,4a-Trimethyl-...	18.32	2.3	ng/ul	221733	4	16.94	1920370	20.0
Benzo[c]cinnoline	18.37	4.0	ng/ul	379012	4	16.94	1920370	20.0
9,10-Dimethylanth...	18.74	3.0	ng/ul	283342	4	16.94	1920370	20.0
Cyclopenta(def)ph...	18.89	3.2	ng/ul	305735	4	16.94	1920370	20.0
unknown-02	20.87	3.8	ng/ul	664229	5	21.15	3476580	20.0
unknown-03	21.40	2.2	ng/ul	379520	5	21.15	3476580	20.0
Benzo[e]pyrene	23.13	7.3	ng/ul	574741	6	23.32	1563160	20.0