LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014361.D
Acq On : 26 Feb 2018 17:59
Operator : SJ/JU
Sample : J1631-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y6

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	3.010	3	4	15	rVB	256257	290144	2.79%	0.186%
2	4.675	283	287	298	rVB2	94372	187748	1.81%	0.121%
3	6.716	626	634	648	rVB	591067	1130635	10.87%	0.727%
4	6.875	654	661	667	rBV	490351	751981	7.23%	0.483%
5	7.063	686	693	702	rBV	677576	1130248	10.87%	0.726%
6	7.522	763	771	779	rBV	644625	1030647	9.91%	0.662%
7	8.239	887	893	902	rBV2	623742	1153827	11.09%	0.742%
8	8.351	907	912	919	rVB	254334	420945	4.05%	0.271%
9	8.681	961	968	975	rBV	714477	1209012	11.63%	0.777%
10	9.398	1080	1090	1103	rBV	591002	1106754	10.64%	0.711%
11	9.710	1137	1143	1149	rBV2	180698	300062	2.89%	0.193%
12	9.934	1175	1181	1195	rBV	738847	1510873	14.53%	0.971%
13	10.292	1230	1242	1247	rBV	920758	1559073	14.99%	1.002%
14	10.339	1247	1250	1256	rVB	128898	201563	1.94%	0.130%
15	10.457	1264	1270	1284	rBV	188993	462142	4.44%	0.297%
16	11.839	1497	1505	1512	rBV3	123752	266431	2.56%	0.171%
17	12.992	1697	1701	1709	rBV2	81470	146819	1.41%	0.094%
18	13.492	1779	1786	1792	rBV4	90053	183616	1.77%	0.118%
19	13.604	1799	1805	1809	rVV	1730469	2382368	22.91%	1.531%
20	13.651	1809	1813	1819	rVB	536771	755513	7.26%	0.486%
21	13.869	1843	1850	1861	rBV	1990768	3069787	29.52%	1.973%
22	14.080	1880	1886	1891	rBV	141929	199768	1.92%	0.128%
23	14.180	1896	1903	1909	rVV2	1316409	2063436	19.84%	1.326%
24	14.245	1909	1914	1924	rVB	248593	391181	3.76%	0.251%
25	14.439	1942	1947	1955	rBV2	173694	431086	4.15%	0.277%
26	14.586	1967	1972	1976	rBV2	217912	318116	3.06%	0.204%
27	14.992	2031	2041	2045	rBV4	202213	408043	3.92%	0.262%
28	15.039	2045	2049	2054	rVB2	185595	309755	2.98%	0.199%
29	15.180	2068	2073	2078	rBV	2253248	3217057	30.93%	2.068%
30	15.239	2078	2083	2094	rVB	367135	646350	6.22%	0.415%
31	15.339	2094	2100	2107	rBV3	329626	602071	5.79%	0.387%
32	15.533	2129	2133	2141	rVB	143983	264658	2.54%	0.170%
33	15.686	2149	2159	2166	rBV	129256	320535	3.08%	0.206%
34	15.910	2193	2197	2206	rBV4	214642	450834	4.34%	0.290%

LSC Area Percent Report

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Acq On : 26 Feb 2018 17:59
Operator : SJ/JU
Sample : J1631-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y6

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

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Peak separation: 5

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

35	16.251	2244	2255	2259	rBV6	139131	340707	3.28%	0.219%
36	16.392	2268	2279	2286	rVV	833116	1296788	12.47%	0.833%
37	16.468	2286	2292	2295	rVV4	264151	458746	4.41%	0.295%
38	16.515	2295	2300	2310	rVV	4749437	6751573	64.92%	4.339%
39	16.604	2310	2315	2321	rVV2	208032	303357	2.92%	0.195%
40	16.698	2322	2331	2337	rVV3	538286	1007293	9.69%	0.647%
41	16.757	2337	2341	2346	rVV	436915	610693	5.87%	0.392%
42	16.815	2346	2351	2356	rVB	223561	336697	3.24%	0.216%
43	16.939	2366	2372	2375	rBV	1498591	2166232	20.83%	1.392%
44	16.986	2375	2380	2384	rVV	4617714	6530230	62.79%	4.197%
45	17.039	2384	2389	2392	rVV	2448523	3419956	32.88%	2.198%
46	17.074	2392	2395	2400	rVB	996107	1275111	12.26%	0.819%
47	17.139	2400	2406	2412	rBV	3174785	4337055	41.70%	2.787%
48	17.357	2435	2443	2451	rBV2	324830	696582	6.70%	0.448%
49	17.462	2454	2461	2463	rBV4	397797	711584	6.84%	0.457%
50	17.492	2463	2466	2470	rVB	460551	569946	5.48%	0.366%
51	17.804	2513	2519	2524	rBV2	1896170	3635374	34.96%	2.336%
52	17.857	2524	2528	2535	rVV2	2252462	3398691	32.68%	2.184%
53	17.915	2536	2538	2540	rVV	158310	187193	1.80%	0.120%
54	17.968	2544	2547	2550	rVV	640817	981045	9.43%	0.631%
55	18.009	2550	2554	2558	rVV2	913526	1653157	15.90%	1.062%
56	18.045	2558	2560	2567	rVB	519585	629653	6.05%	0.405%
57	18.139	2571	2576	2578	rBV3	546692	836059	8.04%	0.537%
58	18.168	2578	2581	2586	rVB2	1205405	1612865	15.51%	1.037%
59	18.280	2595	2600	2604	rBV8	224279	369457	3.55%	0.237%
60	18.321	2604	2607	2611	rVV	439083	543029	5.22%	0.349%
61	18.374	2611	2616	2620	rVV2	579571	898396	8.64%	0.577%
62	18.427	2620	2625	2633	rVB	1430662	2120518	20.39%	1.363%
63	18.545	2640	2645	2654	rBV	2501830	3926136	37.75%	2.523%
64	18.621	2656	2658	2661	rVV	156845	162040	1.56%	0.104%
65	18.662	2661	2665	2669	rVB2	186143	240084	2.31%	0.154%
66	18.745	2674	2679	2682	rBV2	395533	643564	6.19%	0.414%
67	18.786	2682	2686	2692	rVV2	1555523	2374427	22.83%	1.526%
68	18.839	2692	2695	2698	rVB	322645	376738	3.62%	0.242%
69	18.898	2700	2705	2710	rBV3	346300	703336	6.76%	0.452%
70	19.015	2718	2725	2729	rBV	7887424	10399808	100.00%	6.684%
71	19.115	2739	2742	2743	rBV2	138144	140499	1.35%	0.090%

LSC Area Percent Report

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Acq On : 26 Feb 2018 17:59
Operator : SJ/JU
Sample : J1631-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y6

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

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Peak separation: 5

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

72	19.145	2743	2747	2753	rVB2	1210155	1643386	15.80%	1.056%
73	19.256	2763	2766	2770	rVB	547551	652519	6.27%	0.419%
74	19.351	2776	2782	2784	rBV2	3338062	4955518	47.65%	3.185%
75	19.380	2784	2787	2795	rVV	6530409	8221998	79.06%	5.284%
76	19.456	2796	2800	2805	rVB3	491146	732549	7.04%	0.471%
77	19.562	2814	2818	2823	rVB2	489580	776037	7.46%	0.499%
78	19.627	2825	2829	2833	rBV	491450	646040	6.21%	0.415%
79	19.668	2833	2836	2838	rBV3	254986	301652	2.90%	0.194%
80	19.709	2838	2843	2849	rVB2	361772	826606	7.95%	0.531%
81	19.798	2849	2858	2862	rBV2	1721452	3181613	30.59%	2.045%
82	19.880	2862	2872	2878	rVB	821425	2046986	19.68%	1.316%
83	19.980	2885	2889	2892	rBV	549518	646456	6.22%	0.415%
84	20.033	2892	2898	2903	rVV4	616766	1332006	12.81%	0.856%
85	20.174	2919	2922	2925	rBV	328253	392961	3.78%	0.253%
86	20.633	2997	3000	3005	rVB	539432	656411	6.31%	0.422%
87	20.792	3025	3027	3031	rVB2	413178	477639	4.59%	0.307%
88	20.833	3031	3034	3038	rVV2	933065	1245831	11.98%	0.801%
89	20.874	3038	3041	3048	rVV3	817652	1384918	13.32%	0.890%
90	20.933	3049	3051	3060	rVB	461460	637229	6.13%	0.410%
91	21.139	3081	3086	3091	rBV2	3628116	6488306	62.39%	4.170%
92	21.192	3091	3095	3104	rVB	2928370	4248317	40.85%	2.730%
93	21.303	3111	3114	3120	rBV	514994	619900	5.96%	0.398%
94	22.686	3343	3349	3353	rBV	2356080	4833052	46.47%	3.106%
95	23.139	3421	3426	3430	rBV	1311948	2259862	21.73%	1.452%
96	23.191	3431	3435	3438	rVV2	1258442	2200528	21.16%	1.414%
97	23.233	3438	3442	3448	rVB	2011033	3375173	32.45%	2.169%
98	23.327	3453	3458	3462	rBV	687169	1103562	10.61%	0.709%
99	25.485	3817	3825	3832	rVB	989402	2537760	24.40%	1.631%
100	26.144	3932	3937	3954	rVB	534514	1654676	15.91%	1.063%

Sum of corrected areas: 155597188

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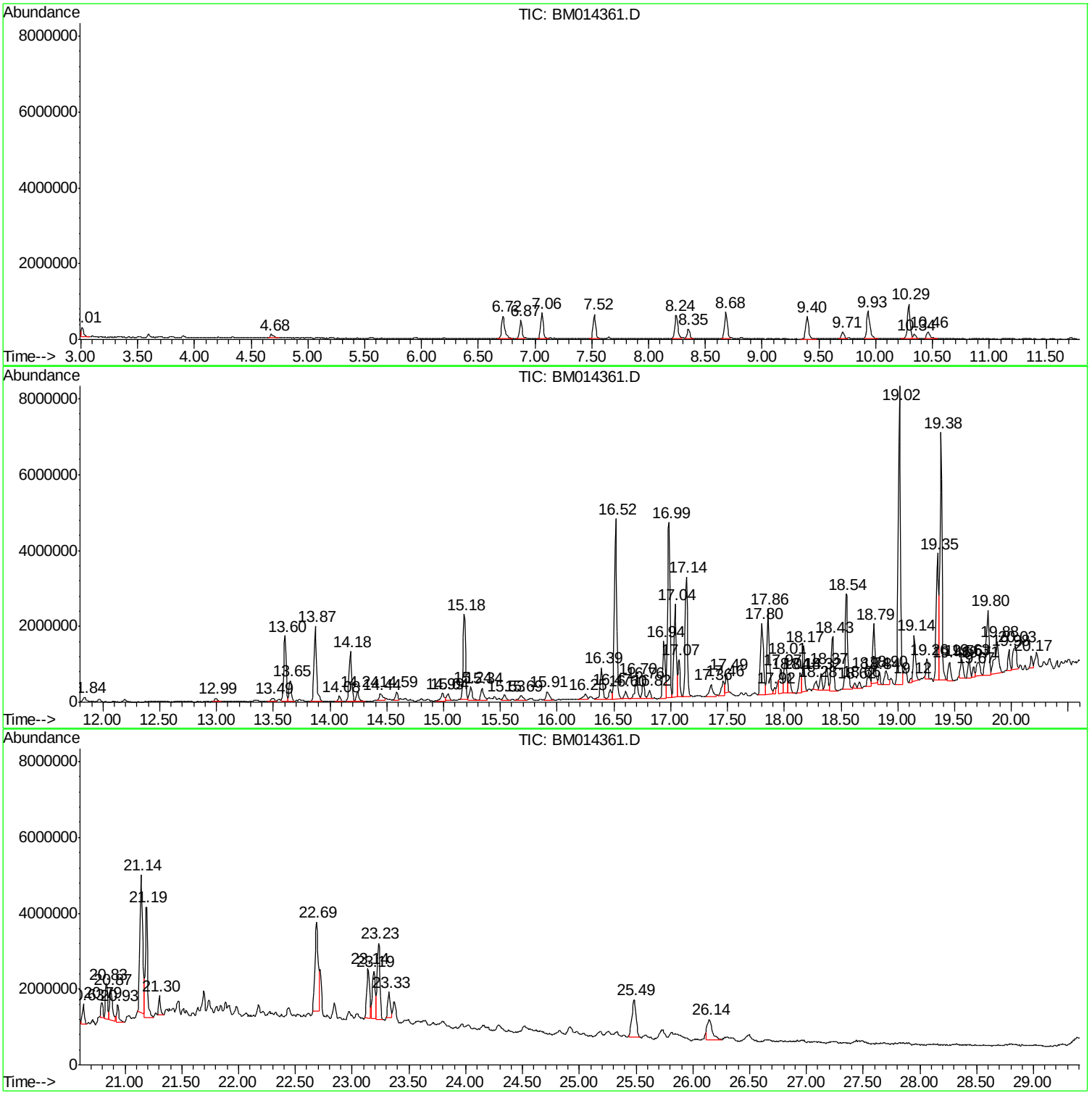
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Y6

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\
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Acq On : 26 Feb 2018 17:59
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Instrument : BNA_M
ClientSampleId : BE5Y6

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

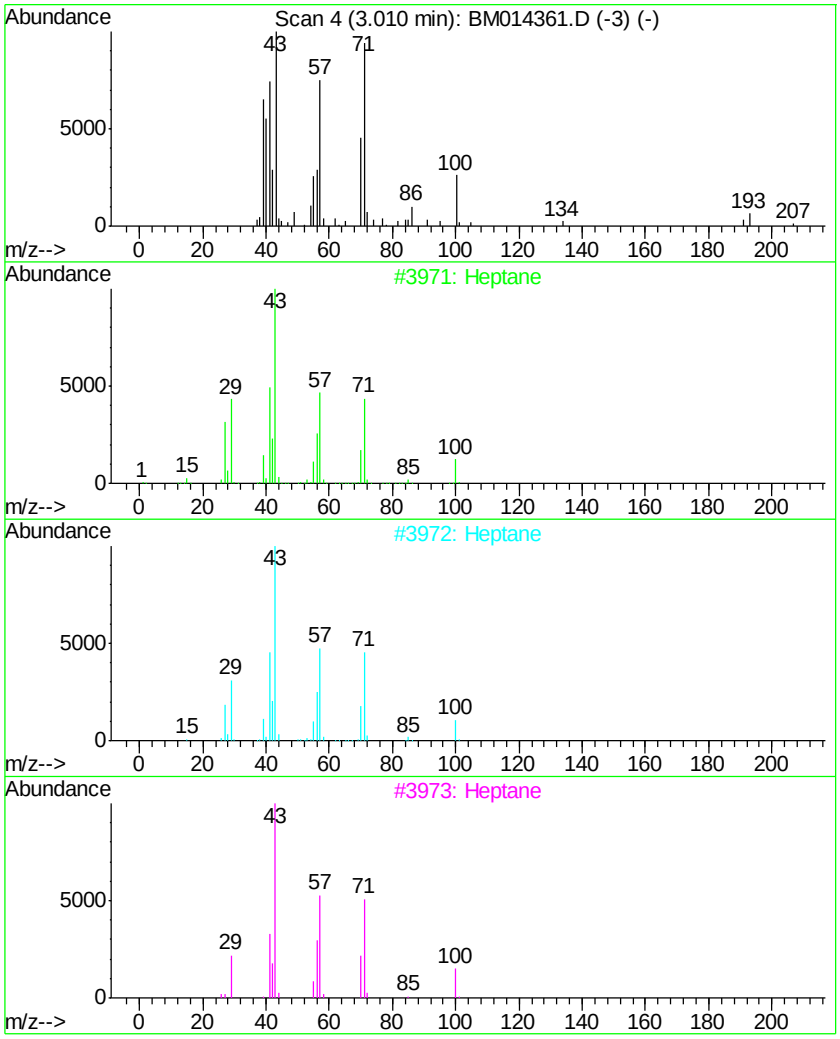
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

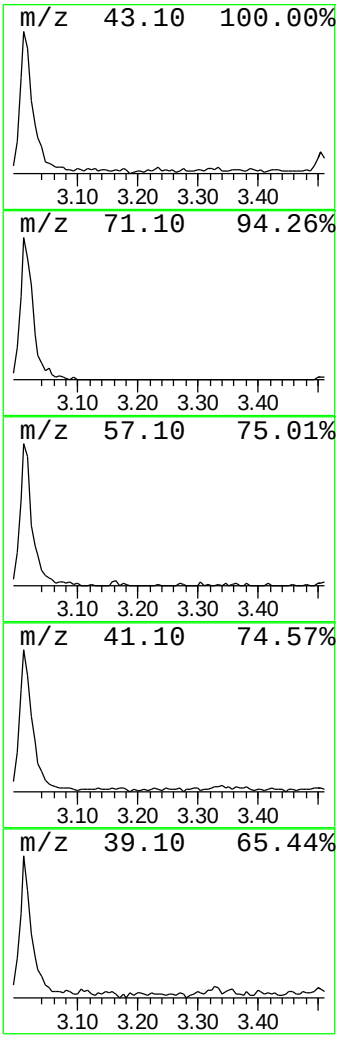
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	5.63 ng/ul	290144	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	62
2	Heptane	100	C7H16	000142-82-5	50
3	Heptane	100	C7H16	000142-82-5	47
4	Heptane	100	C7H16	000142-82-5	38
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	38





Library Search Compound Report

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y6

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

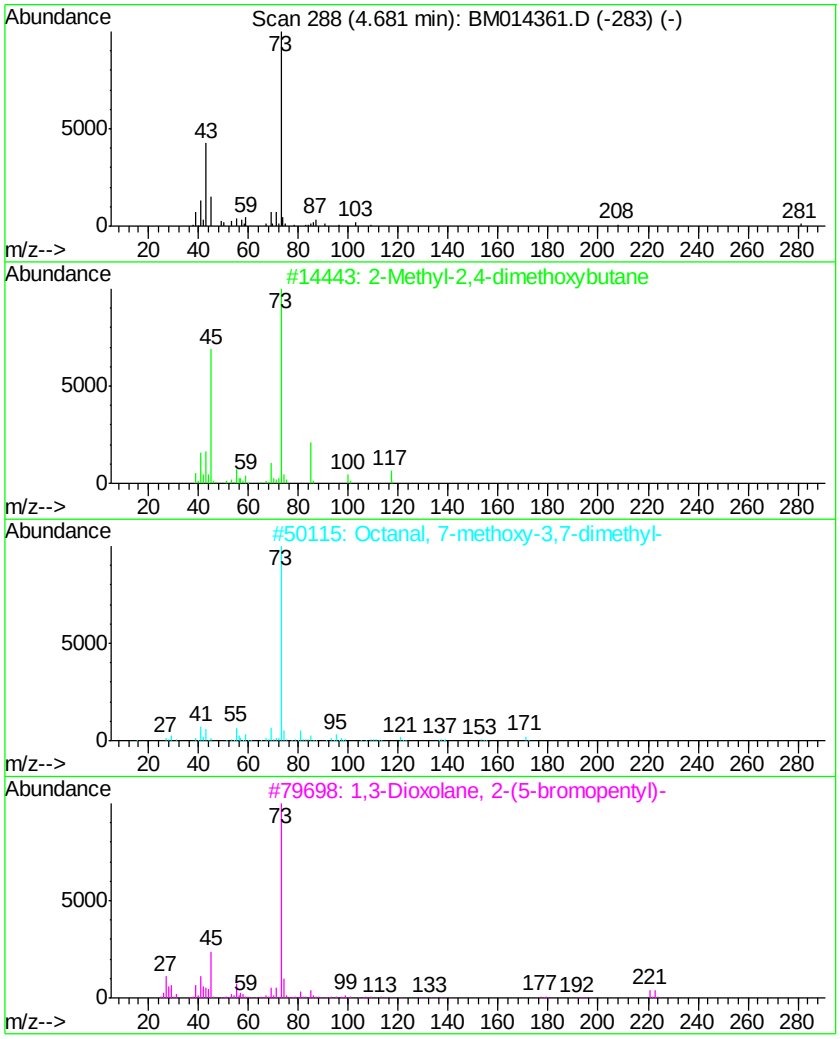
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

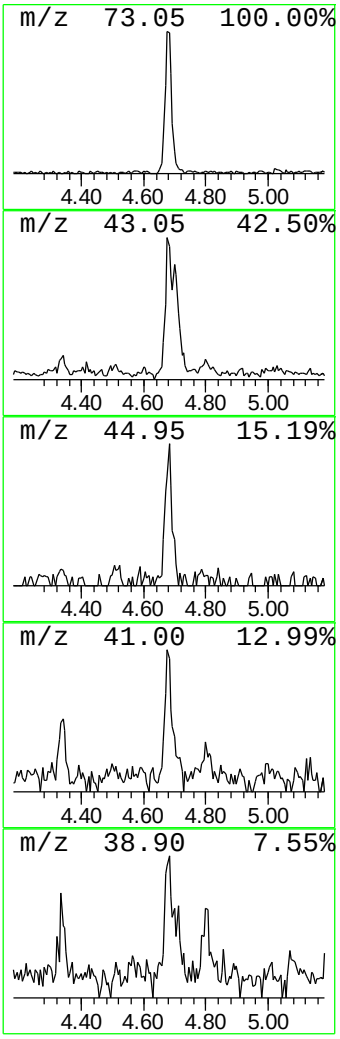
****

Peak Number 2 2-Methyl-2,4-dimethoxybutane Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	3.64 ng/ul	187748	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-2,4-dimethoxybutane	132	C7H16O2	039836-89-0	50
2	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	32
3	1,3-Dioxolane, 2-(5-bromopentyl)-	222	C8H15BrO2	056741-68-5	12
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
5	Pentanol, 5-amino-	103	C5H13NO	002508-29-4	9





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BE5Y6

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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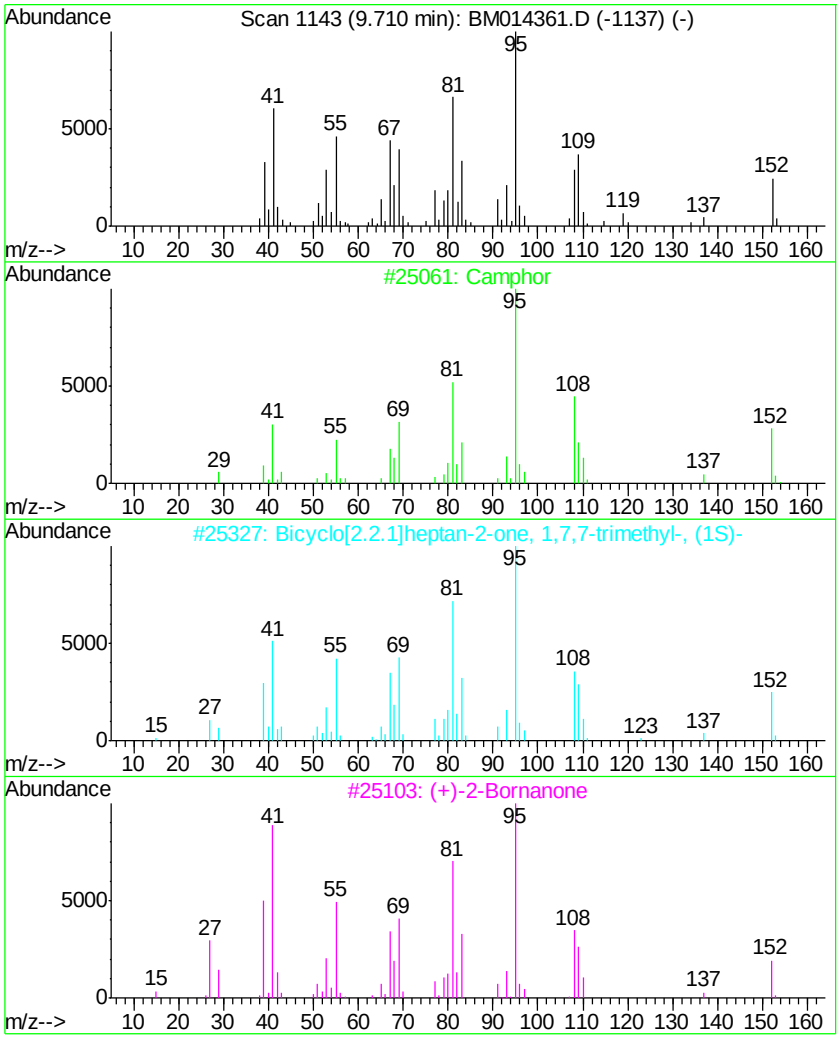
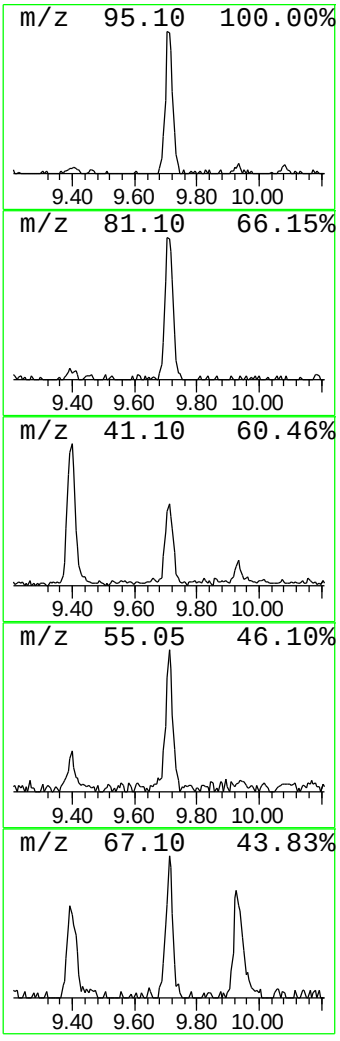
Peak Number 3 Camphor Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	3.85 ng/ul	300062	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphor	152	C10H16O	000076-22-2	94
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	91
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	91
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	81
5	Camphor	152	C10H16O	000076-22-2	64





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y6

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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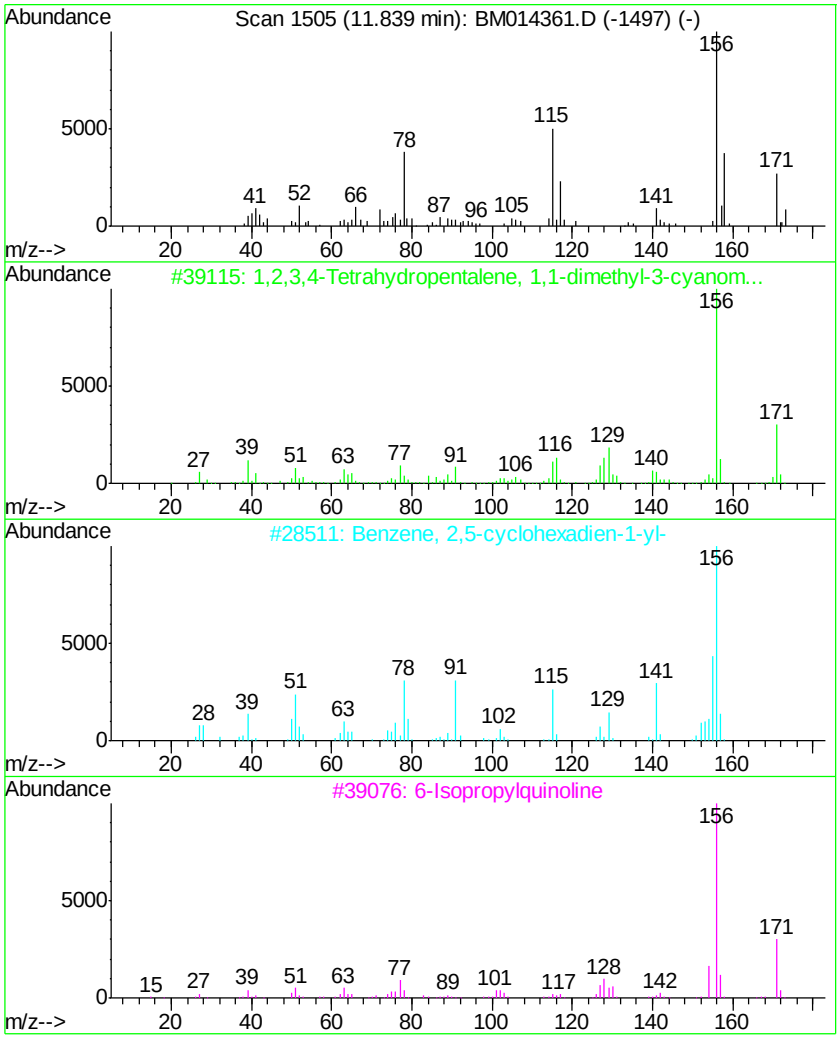
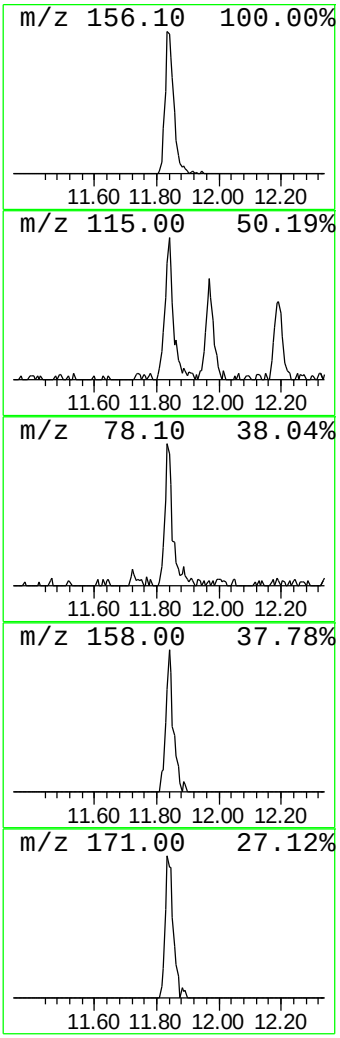
Peak Number 4 unknown-01 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	3.42 ng/ul	266431	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	43
2	Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	38
3	6-Isopropylquinoline	171	C12H13N	000135-79-5	38
4	Quinoline, 8-propyl-	171	C12H13N	007661-53-2	32
5	Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	32





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Misc :
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Instrument : BNA_M
ClientSampleId : BE5Y6

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

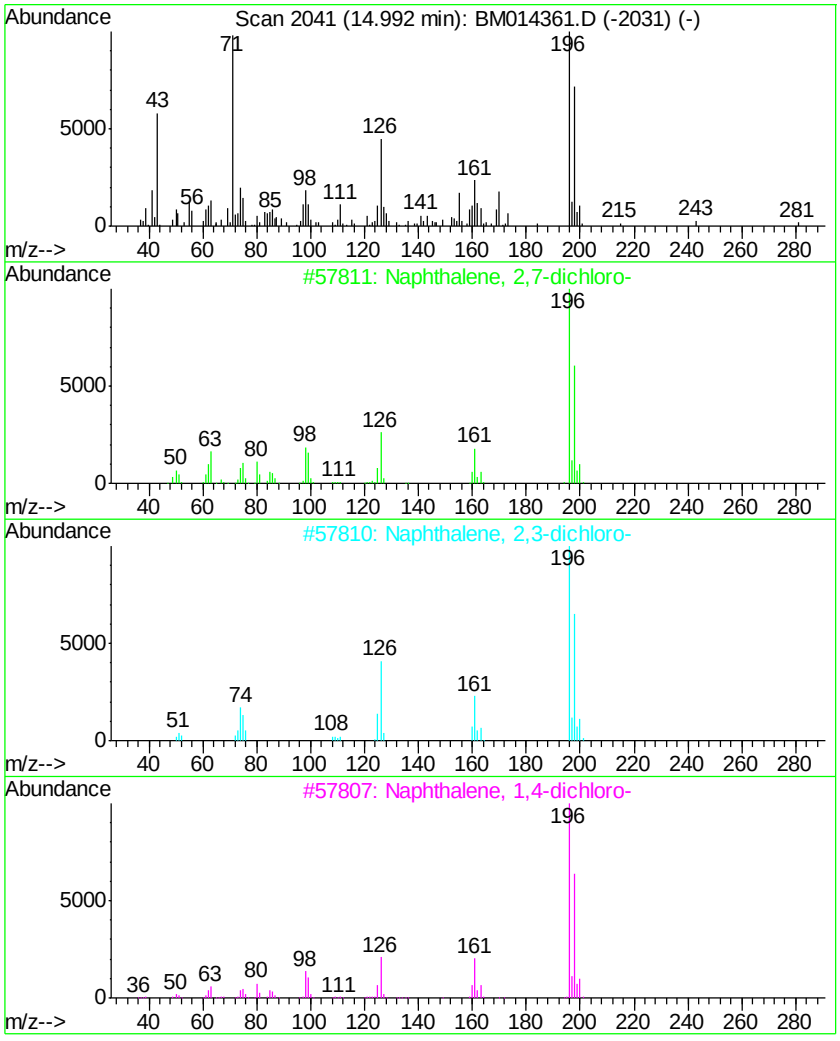
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

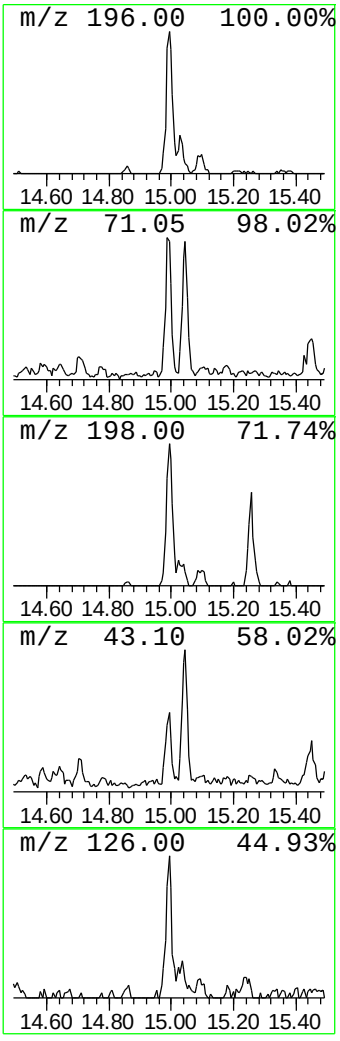
****

Peak Number 5 Naphthalene, 2,7-dichloro- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	3.95 ng/ul	408043	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dichloro-	196	C10H6Cl2	002198-77-8	91
2	Naphthalene, 2,3-dichloro-	196	C10H6Cl2	002050-75-1	90
3	Naphthalene, 1,4-dichloro-	196	C10H6Cl2	001825-31-6	87
4	Naphthalene, 2,7-dichloro-	196	C10H6Cl2	002198-77-8	78
5	Naphthalene, 1,4-dichloro-	196	C10H6Cl2	001825-31-6	78





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Operator : SJ/JU
Sample : J1631-03
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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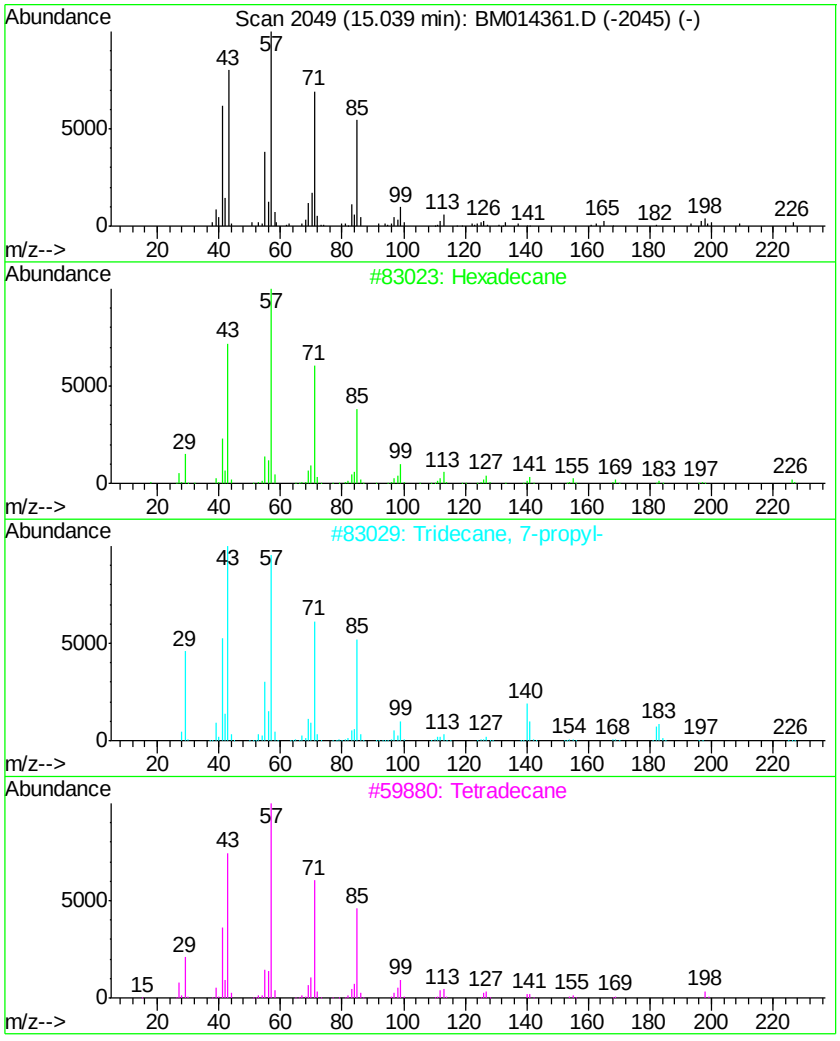
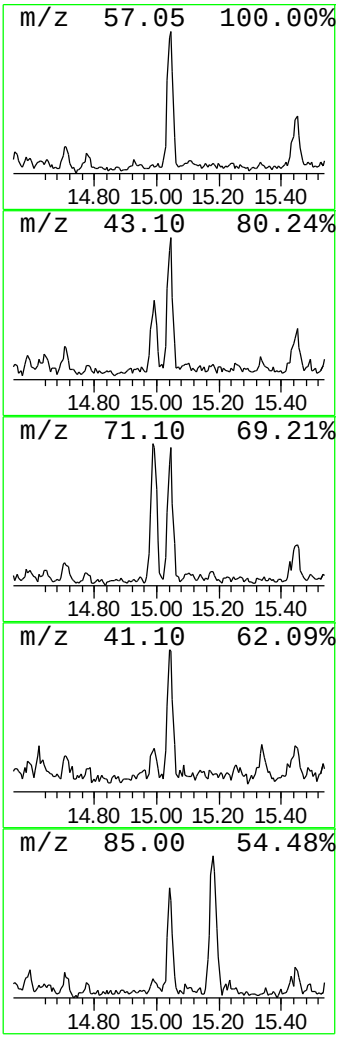
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	3.00 ng/ul	309755	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	81
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	80
3	Tetradecane	198	C14H30	000629-59-4	74
4	Tetradecane	198	C14H30	000629-59-4	72
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72





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Instrument : BNA_M
ClientSampleId : BE5Y6

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Quant Title : SVOA CALIBRATION

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

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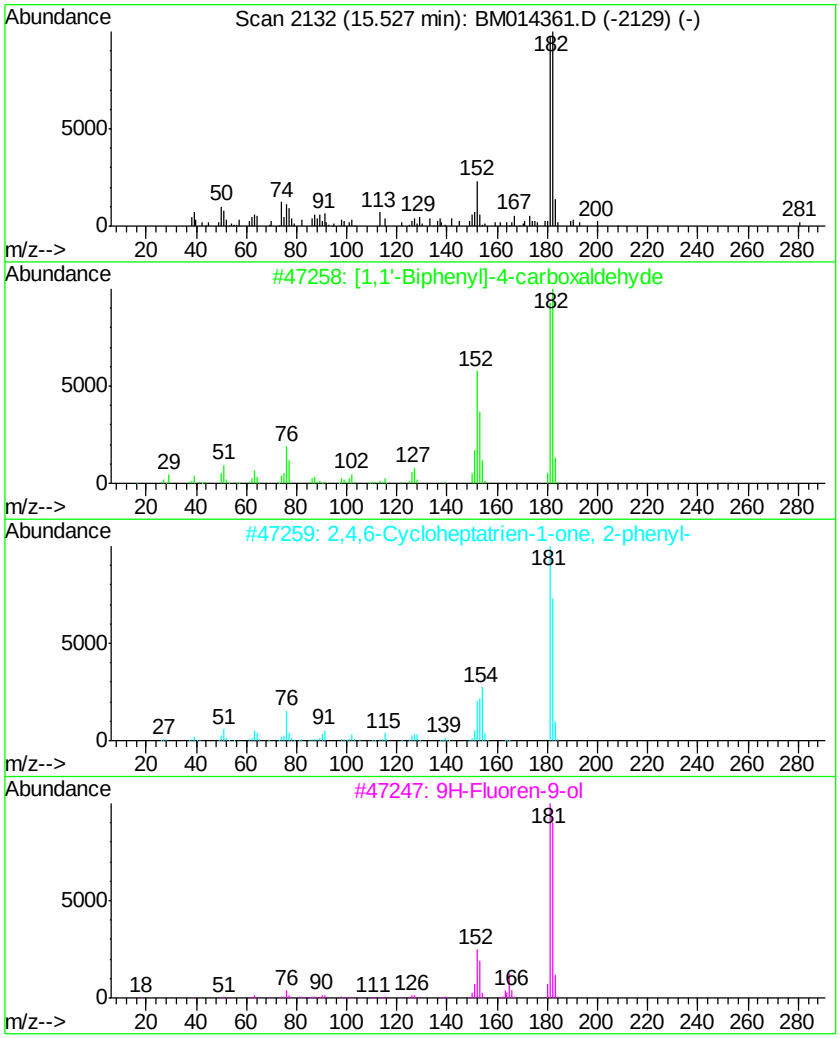
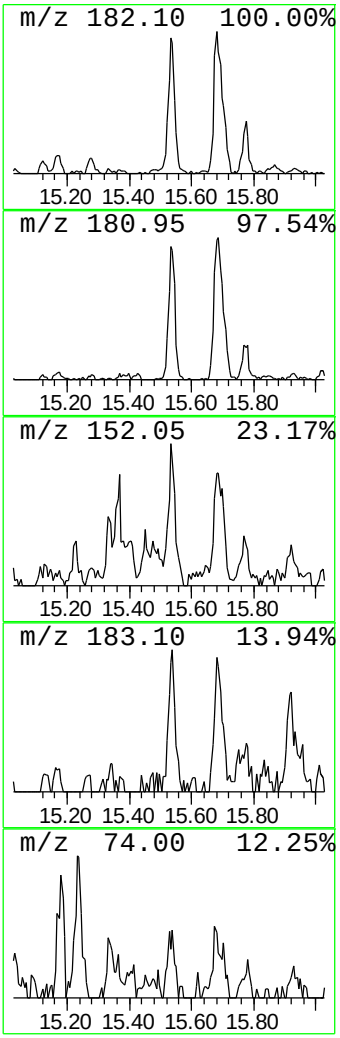
Peak Number 7 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	2.57 ng/ul	264658	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
5	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	72





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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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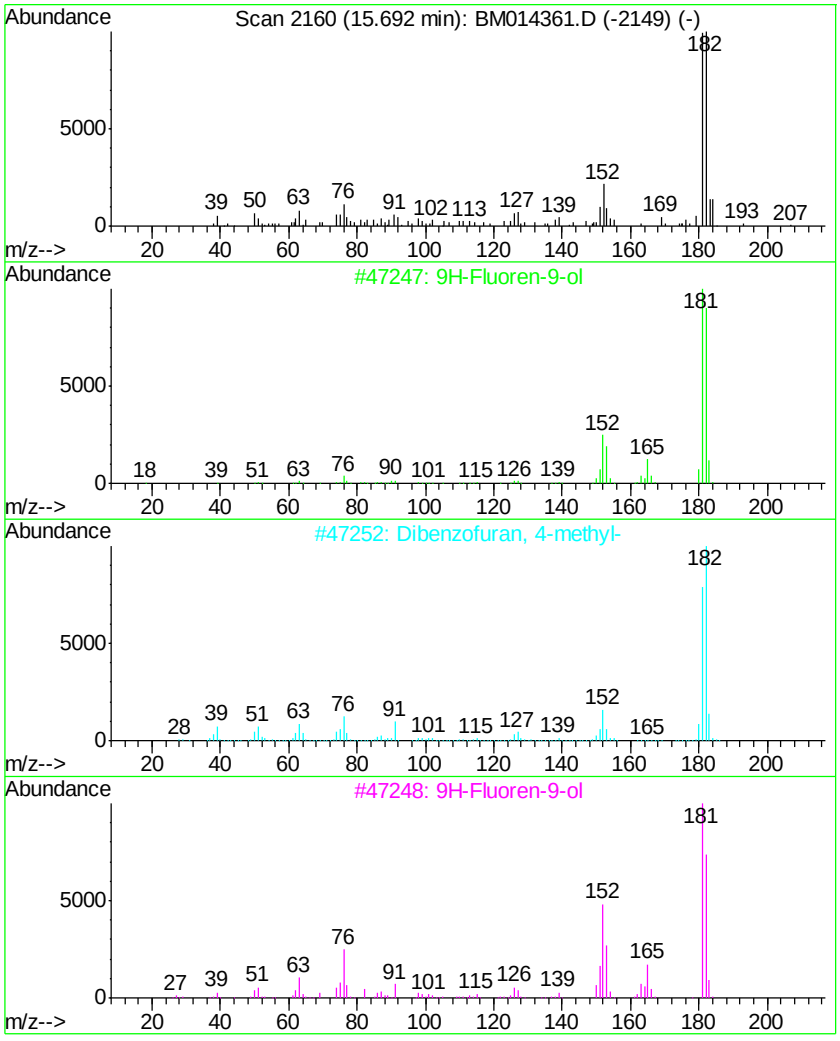
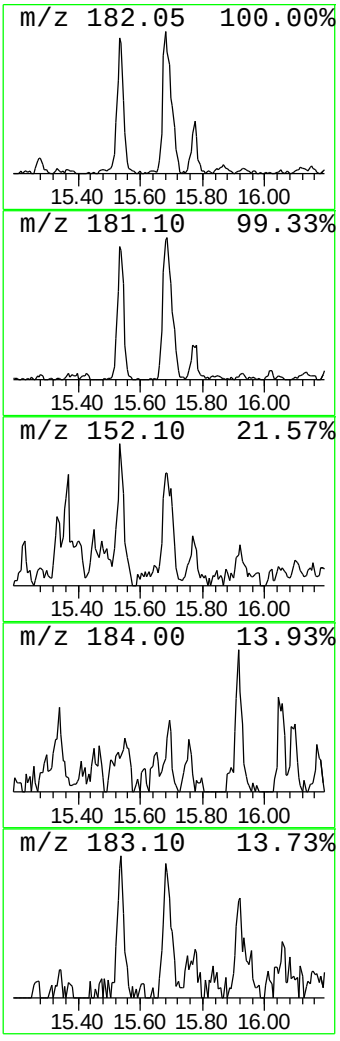
Peak Number 8 9H-Fluoren-9-ol Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	2.96 ng/ul	320535	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	91
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86





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Instrument : BNA_M
ClientSampleId : BE5Y6

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Quant Title : SVOA CALIBRATION

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

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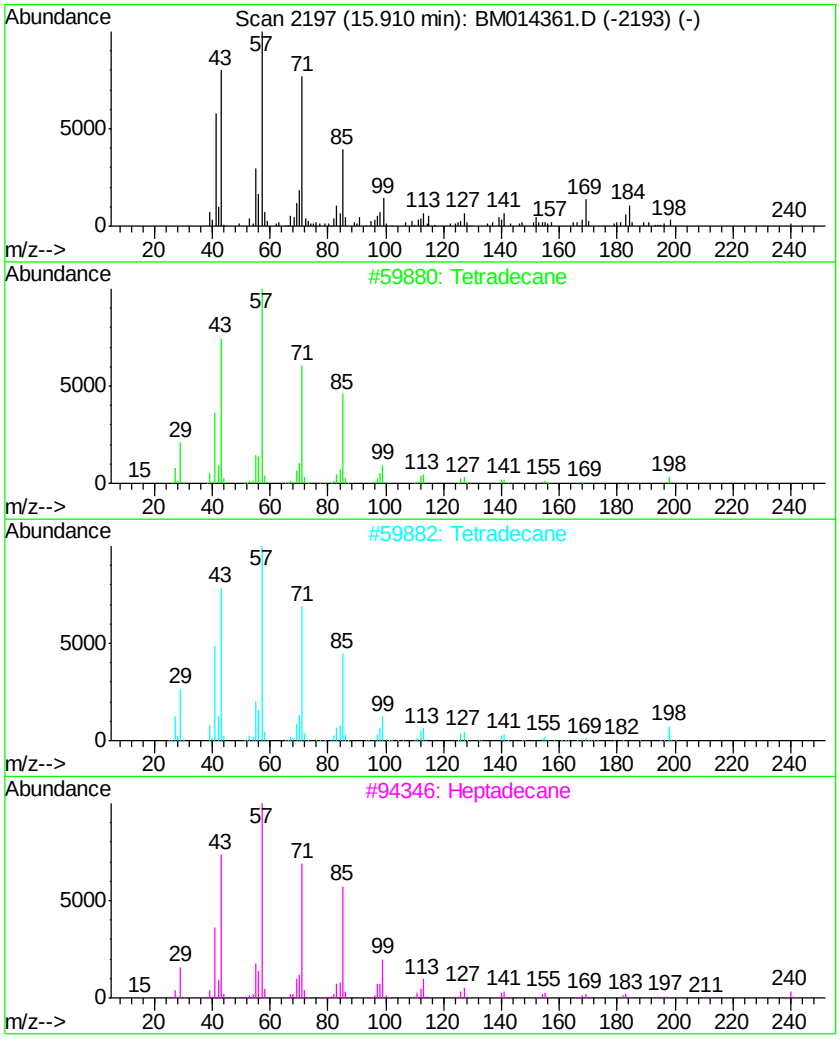
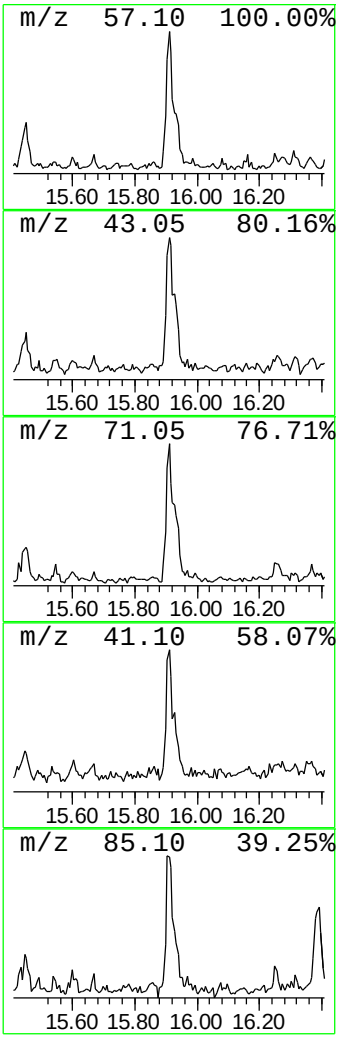
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	4.16 ng/ul	450834	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Tetradecane	198	C14H30	000629-59-4	94
3	Heptadecane	240	C17H36	000629-78-7	93
4	Tetradecane	198	C14H30	000629-59-4	90
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	83





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y6

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Quant Title : SVOA CALIBRATION

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

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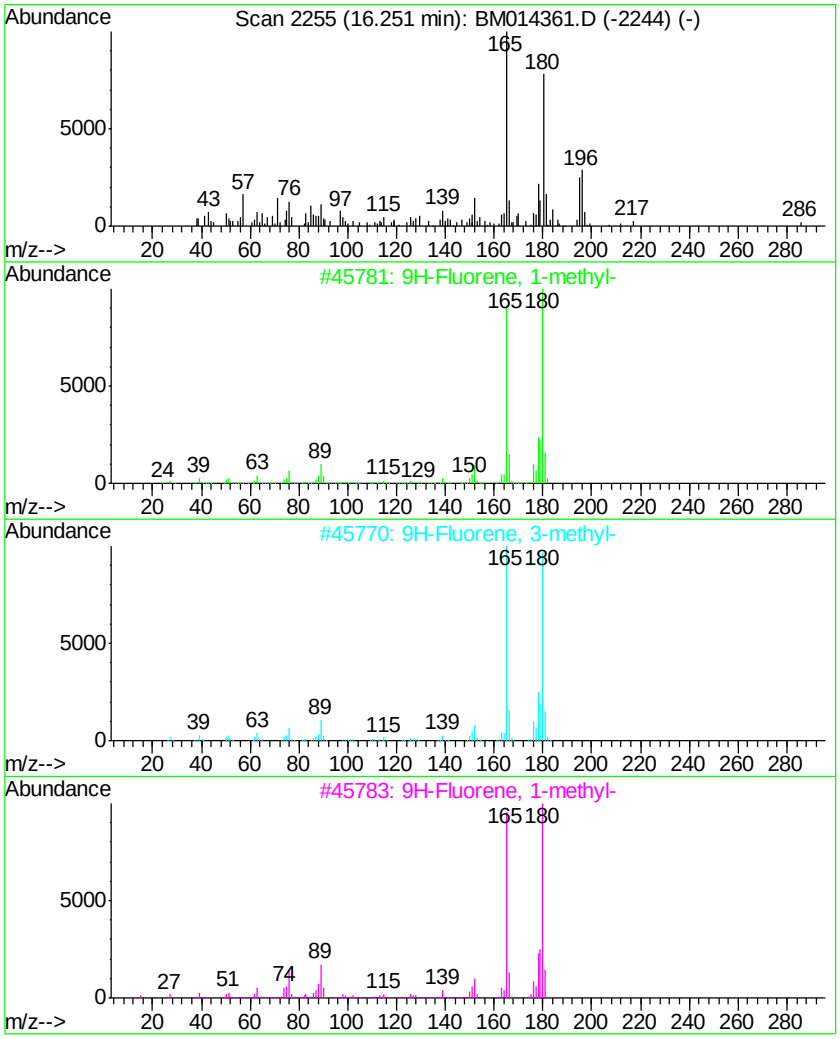
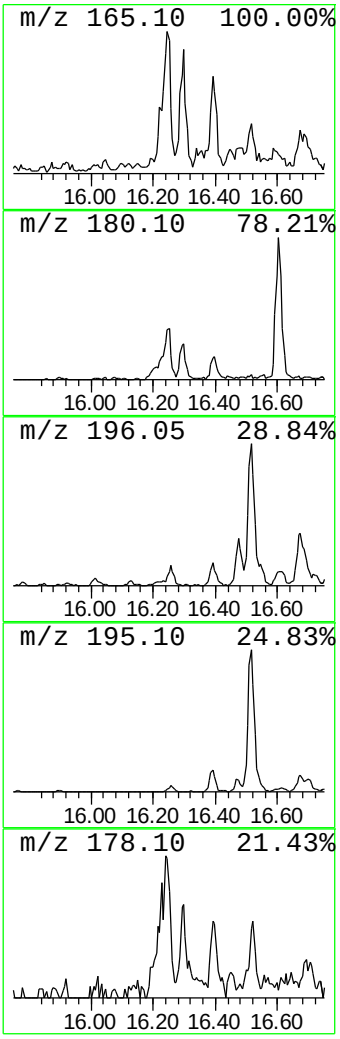
Peak Number 10 9H-Fluorene, 1-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	3.15 ng/ul	340707	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	83
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	70





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Quant Title : SVOA CALIBRATION

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

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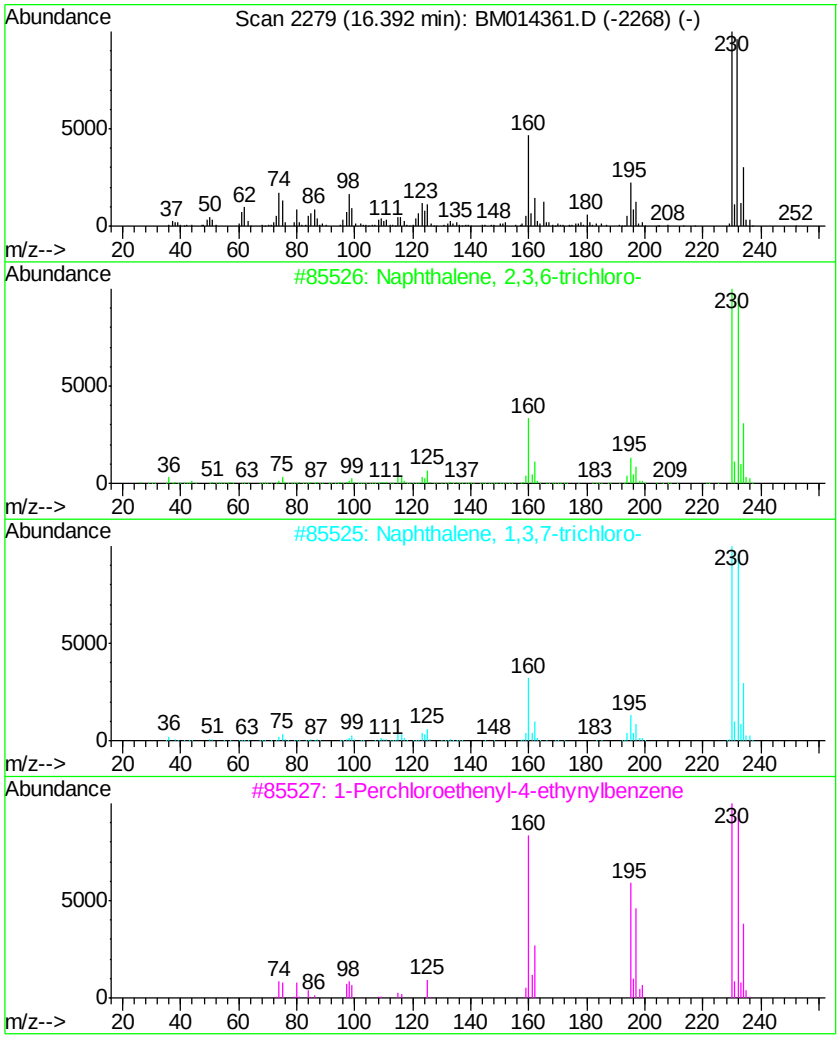
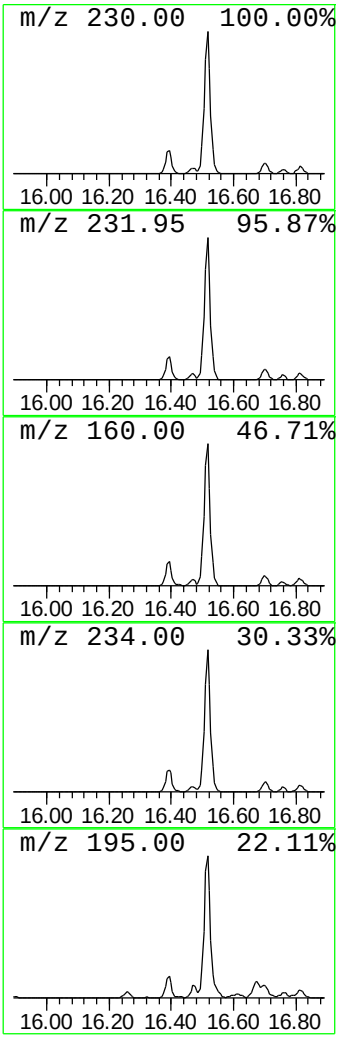
Peak Number 11 Naphthalene, 2,3,6-trichloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	11.97 ng/ul	1296790	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trichloro-	230	C10H5Cl3	055720-40-6	99
2	Naphthalene, 1,3,7-trichloro-	230	C10H5Cl3	055720-37-1	99
3	1-Perchloroethenyl-4-ethynylbenzene	230	C10H5Cl3	1000283-76-9	91
4	Acenaphthylene, 1-bromo-	230	C12H7Br	054736-49-1	58
5	(5-Bromopyridin-2-yl)carbamic ac...	230	C7H7BrN2O2	1000303-44-8	43





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Sample : J1631-03
Misc :
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Instrument : BNA_M
ClientSampleId : BE5Y6

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Quant Title : SVOA CALIBRATION

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

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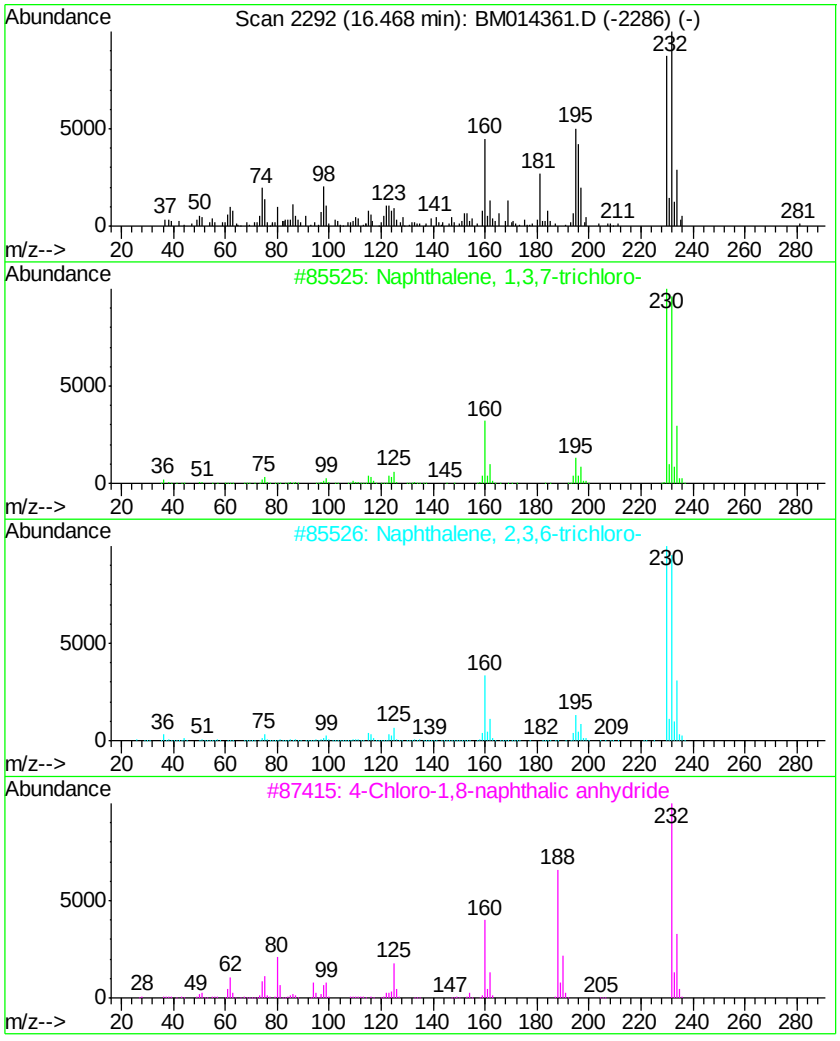
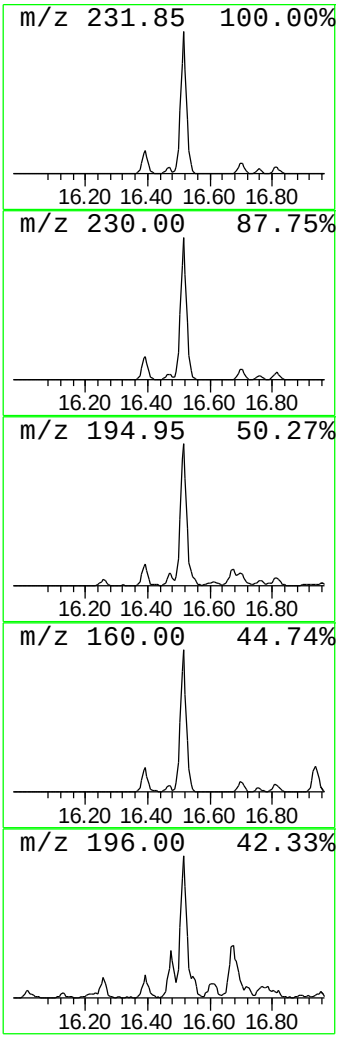
Peak Number 12 Naphthalene, 1,3,7-trichloro- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	4.24 ng/ul	458746	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3,7-trichloro-	230	C10H5Cl3	055720-37-1	91
2	Naphthalene, 2,3,6-trichloro-	230	C10H5Cl3	055720-40-6	90
3	4-Chloro-1,8-naphthalic anhydride	232	C12H5ClO3	004053-08-1	56
4	1-Perchloroethenyl-4-ethynylbenzene	230	C10H5Cl3	1000283-76-9	53
5	Acenaphthylene, 1-bromo-	230	C12H7Br	054736-49-1	41





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

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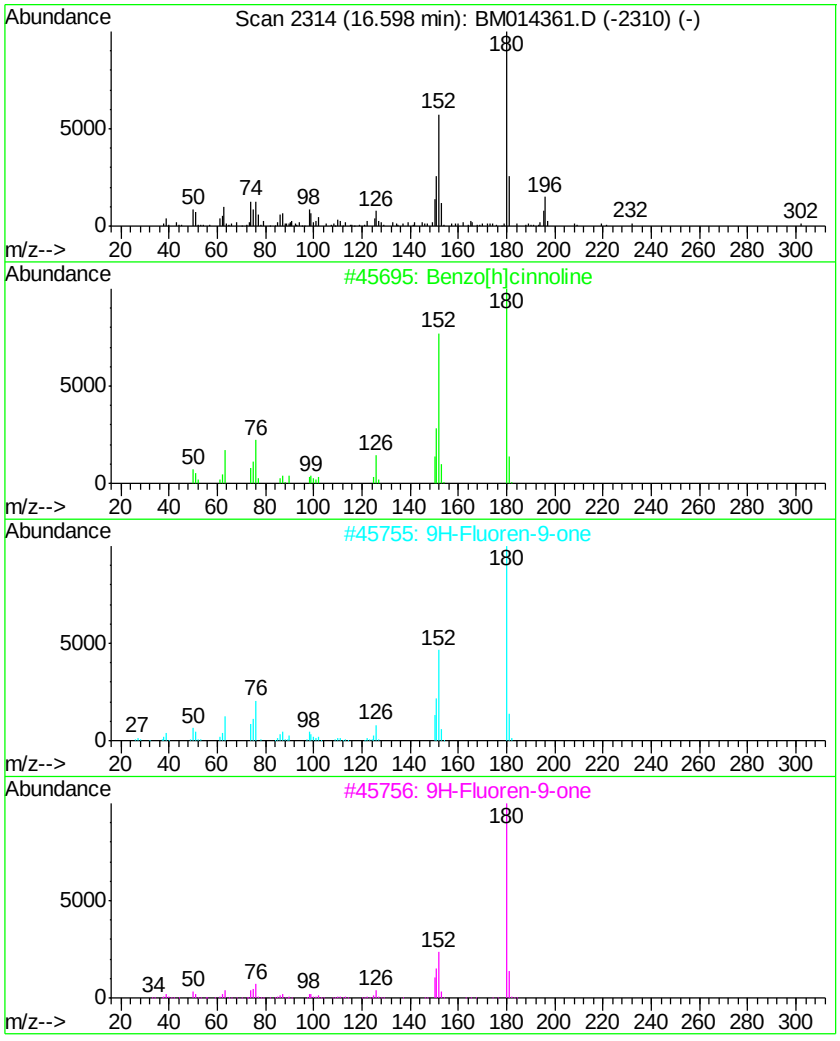
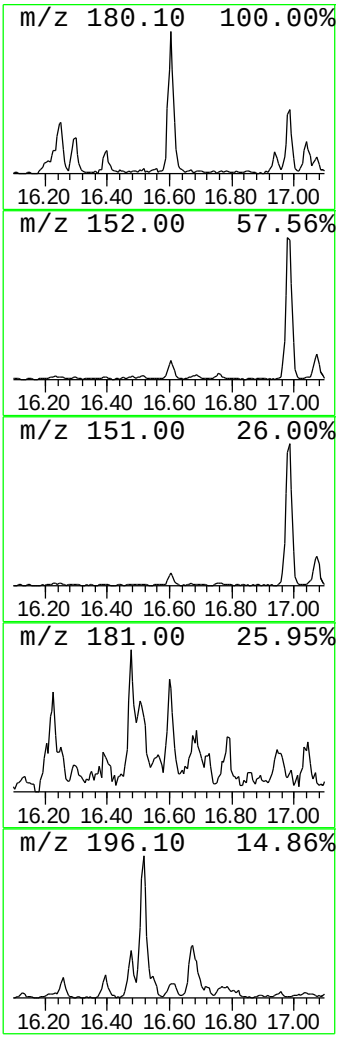
Peak Number 14 Benzo[h]cinnoline Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	2.80 ng/ul	303357	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	93
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	87
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87





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Quant Title : SVOA CALIBRATION

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

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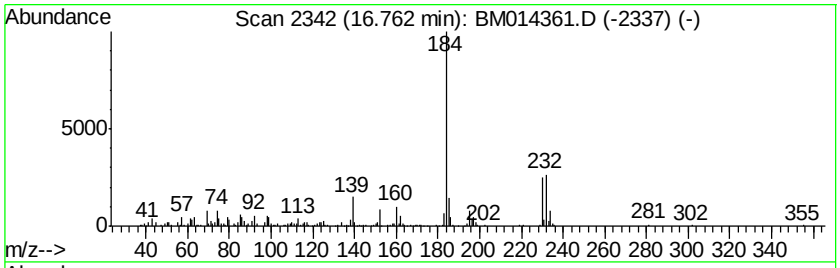
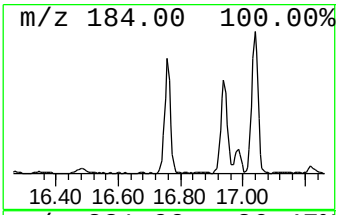
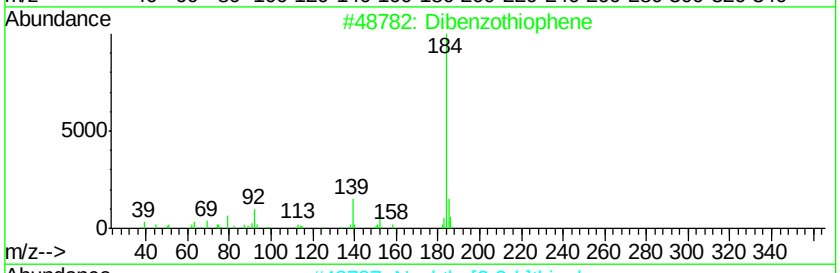
Peak Number 16 Dibenzothiophene Concentration Rank 22

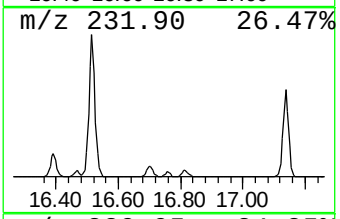
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	5.64 ng/ul	610693	Phenanthrene-d10	16.94

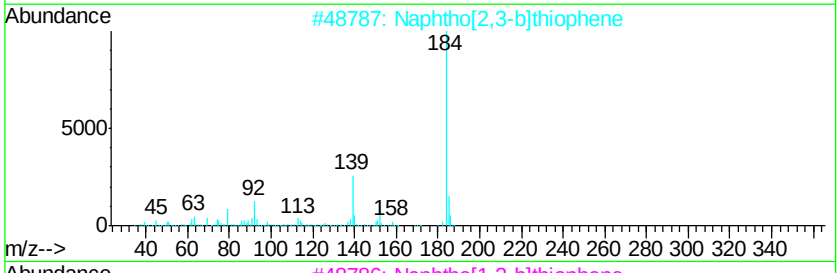
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	64
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	52
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	52
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	47
5	Dibenzothiophene	184	C12H8S	000132-65-0	46

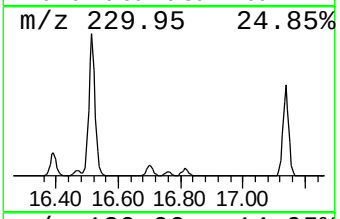


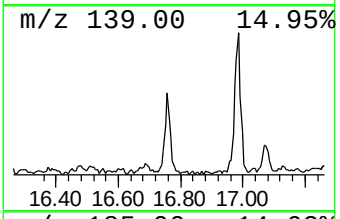


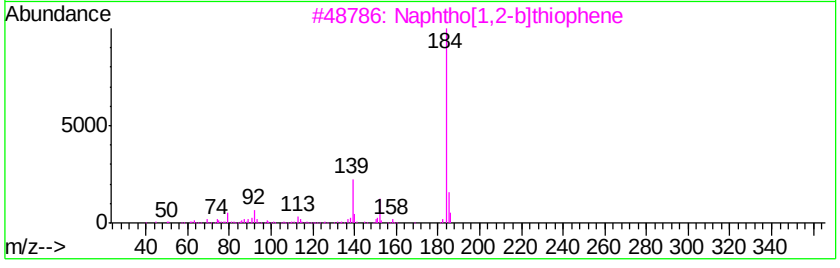


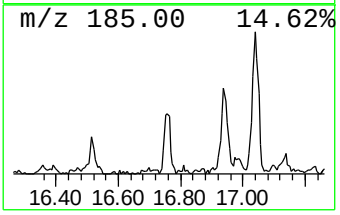












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Quant Title : SVOA CALIBRATION

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

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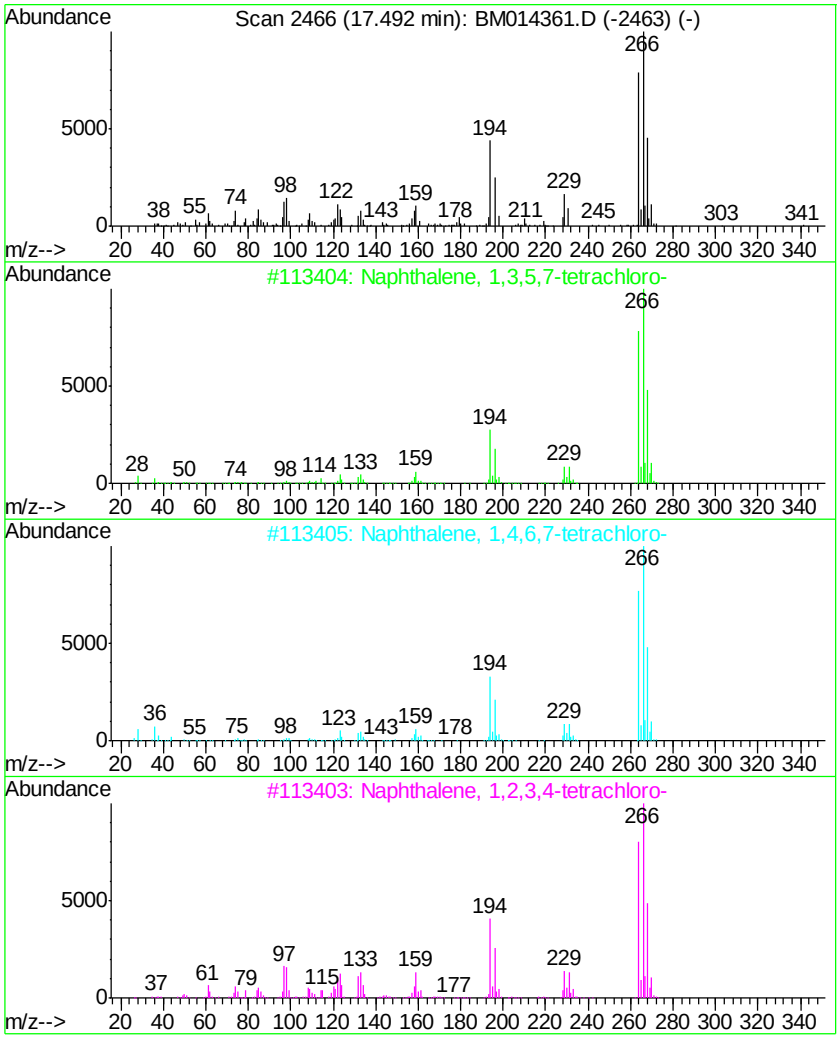
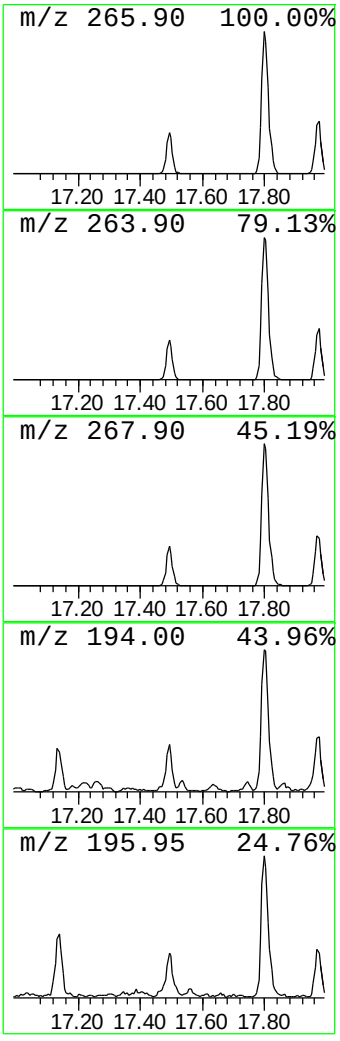
Peak Number 20 Naphthalene, 1,3,5,7-tetrac... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	5.26 ng/ul	569946	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3,5,7-tetrachloro-	264	C10H4Cl4	053555-64-9	98
2	Naphthalene, 1,4,6,7-tetrachloro-	264	C10H4Cl4	055720-43-9	98
3	Naphthalene, 1,2,3,4-tetrachloro-	264	C10H4Cl4	020020-02-4	94
4	Naphthalene, 1,2,3,4-tetrachloro-	264	C10H4Cl4	020020-02-4	94
5	Naphthalene, 1,2,3,4-tetrachloro-	264	C10H4Cl4	020020-02-4	93





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Sample : J1631-03
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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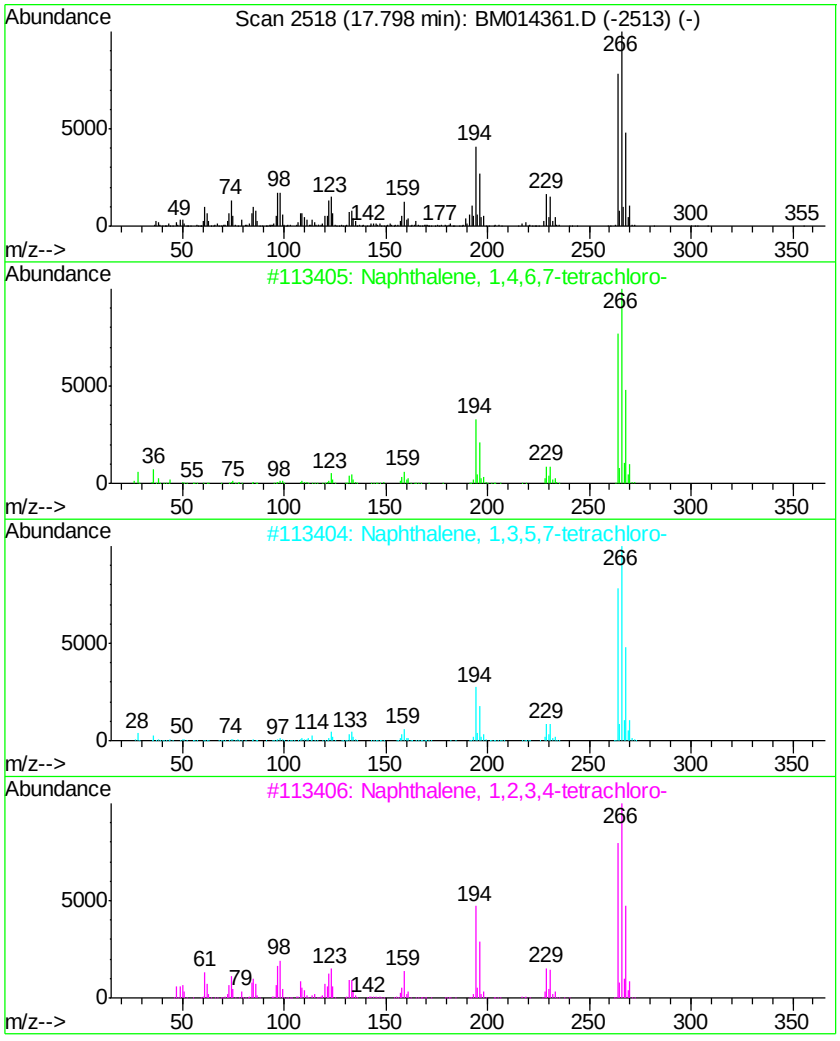
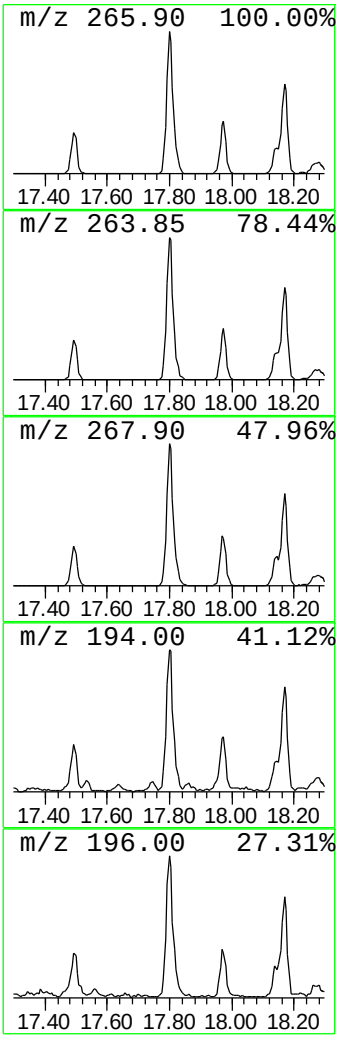
Peak Number 21 Naphthalene, 1,4,6,7-tetrac... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	33.56 ng/ul	3635370	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6,7-tetrachloro-	264	C10H4Cl4	055720-43-9	99
2	Naphthalene, 1,3,5,7-tetrachloro-	264	C10H4Cl4	053555-64-9	99
3	Naphthalene, 1,2,3,4-tetrachloro-	264	C10H4Cl4	020020-02-4	95
4	Naphthalene, 1,2,3,4-tetrachloro-	264	C10H4Cl4	020020-02-4	95
5	Tetrachloroisophthalonitrile	264	C8Cl4N2	001897-45-6	93





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Instrument : BNA_M
ClientSampleId : BE5Y6

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Quant Title : SVOA CALIBRATION

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

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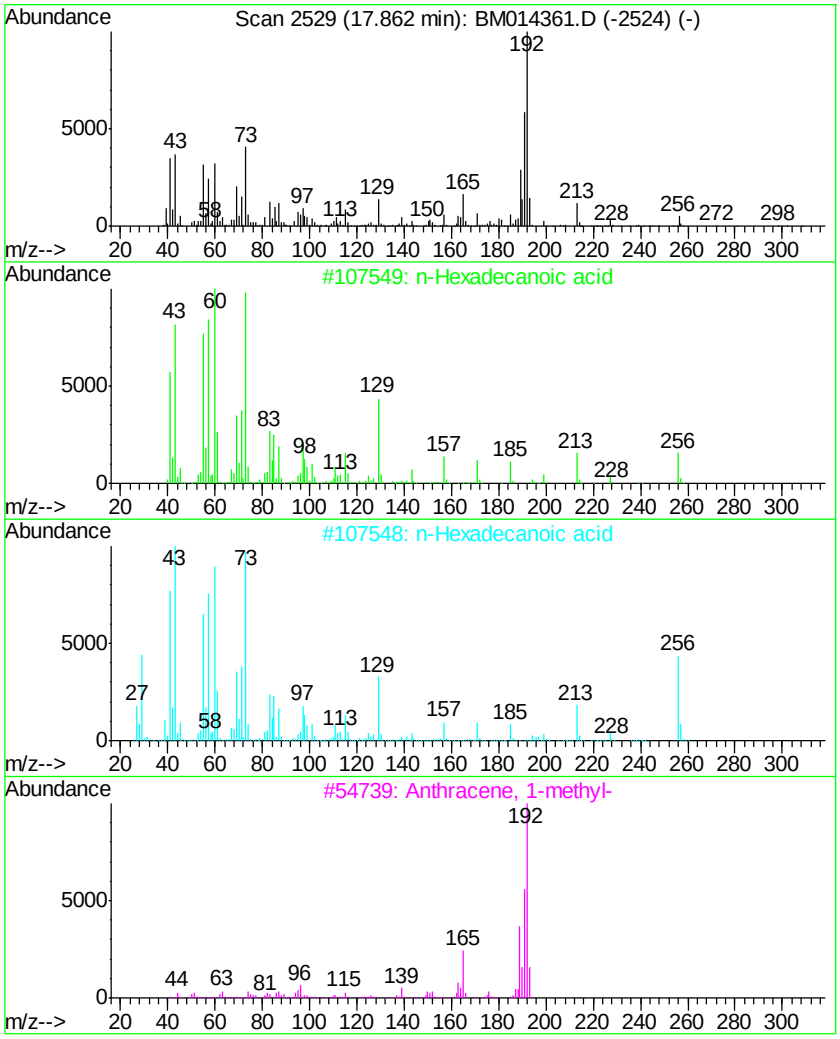
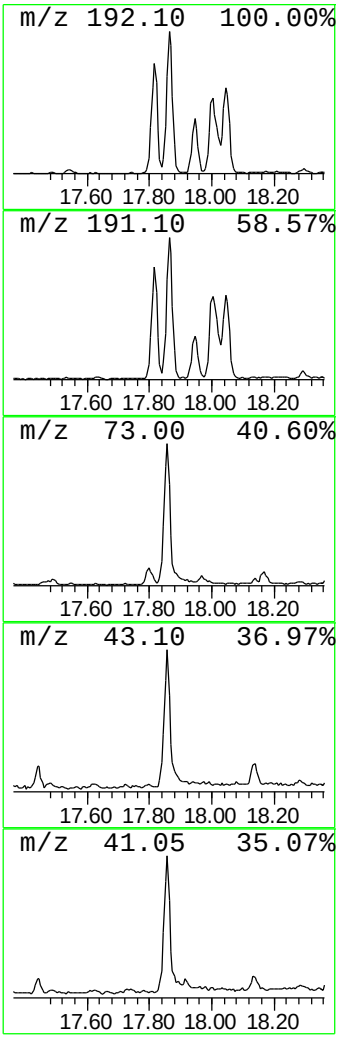
Peak Number 22 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	31.38 ng/ul	3398690	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81





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Quant Title : SVOA CALIBRATION

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

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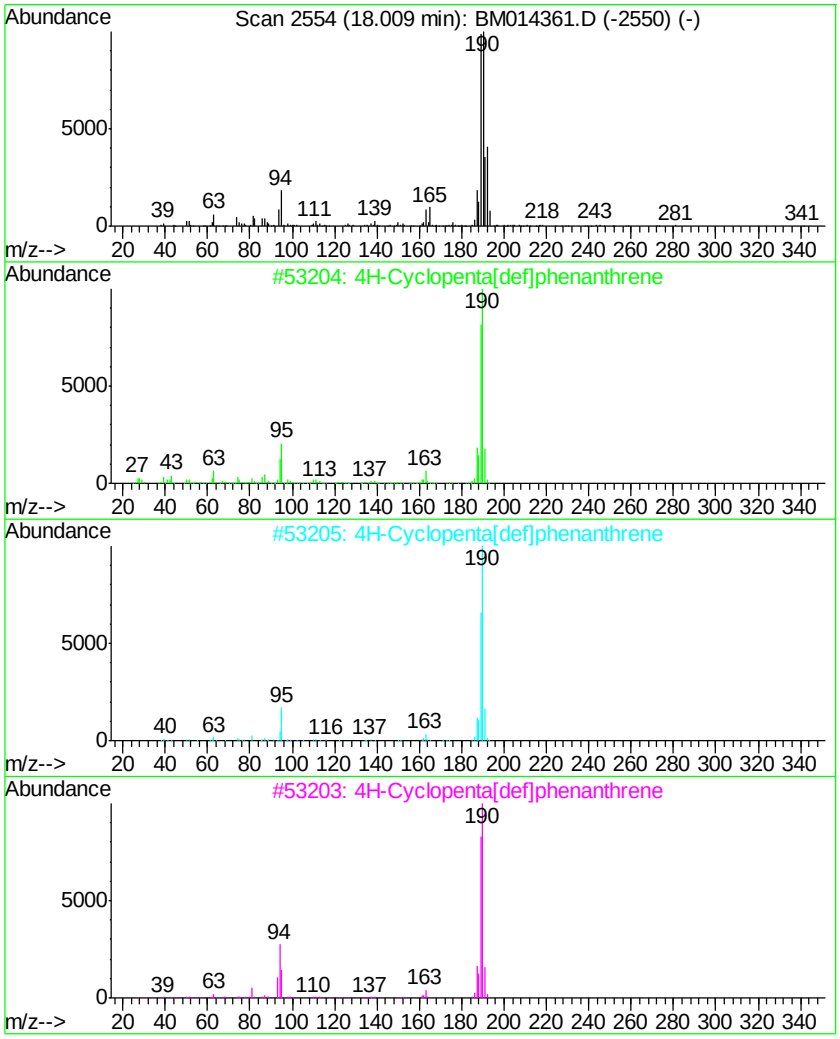
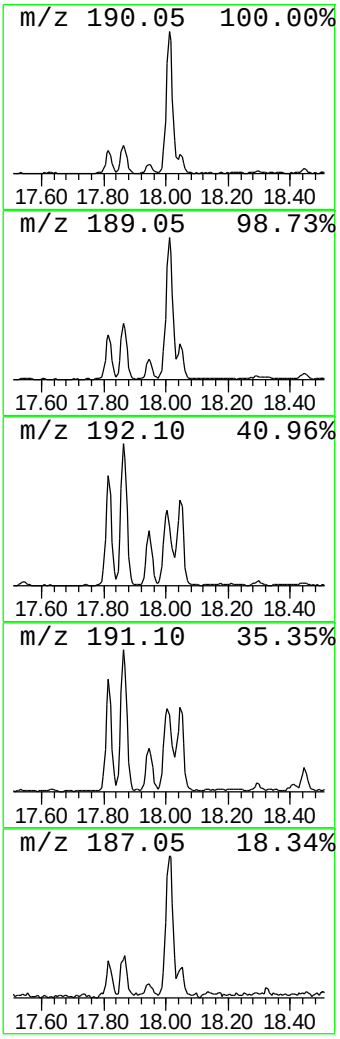
Peak Number 24 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	15.26 ng/ul	1653160	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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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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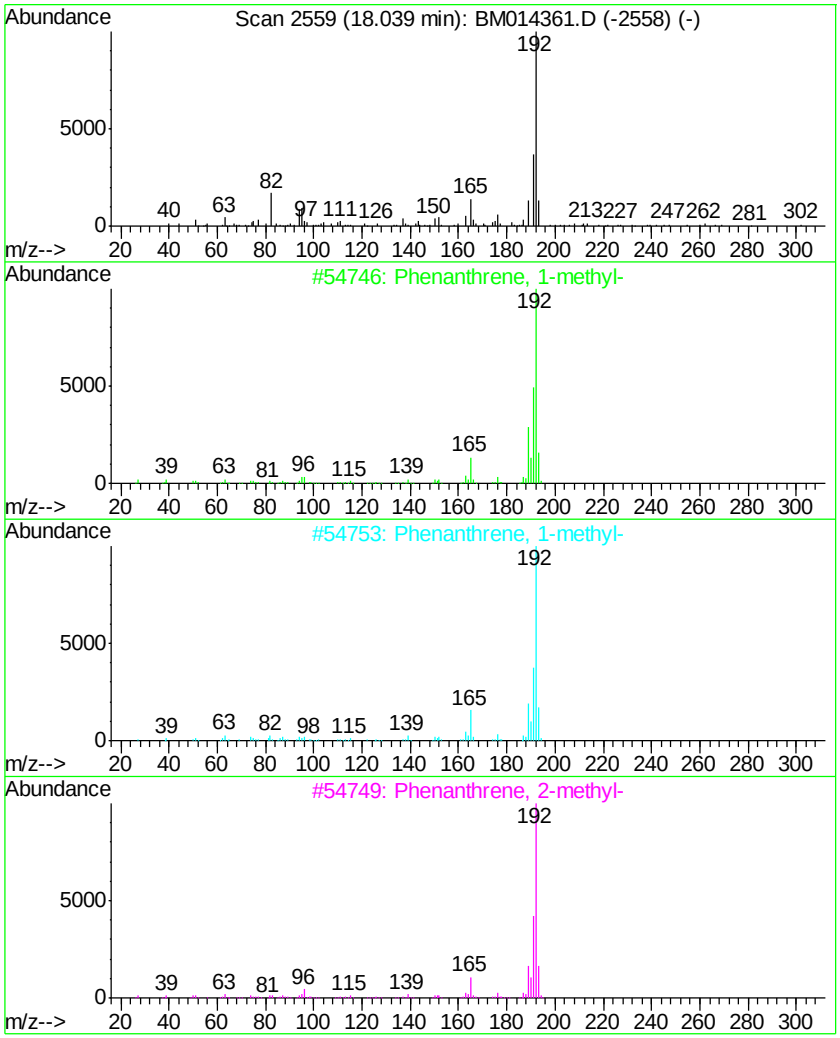
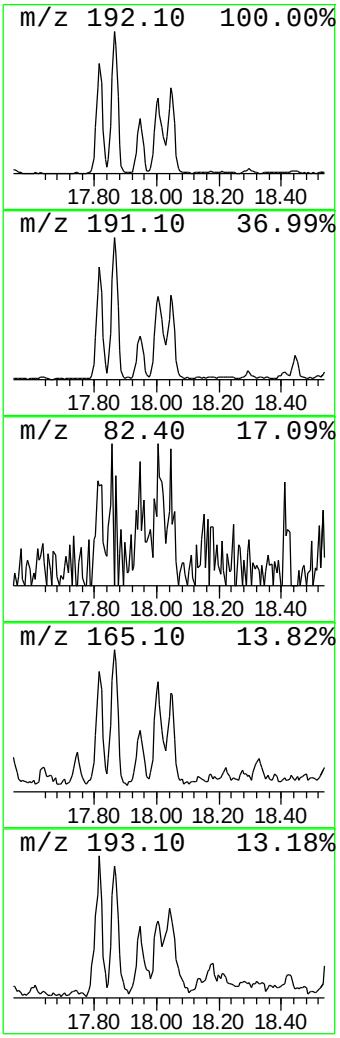
Peak Number 25 Phenanthrene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	5.81 ng/ul	629653	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81





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Quant Title : SVOA CALIBRATION

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

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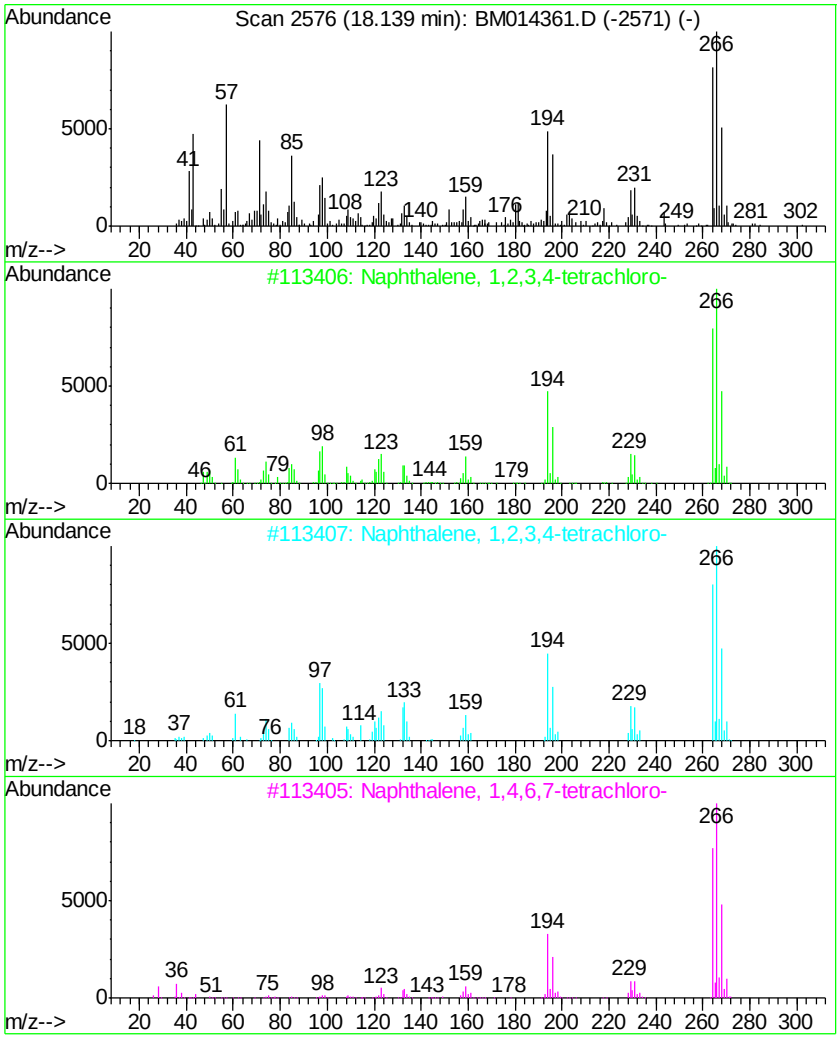
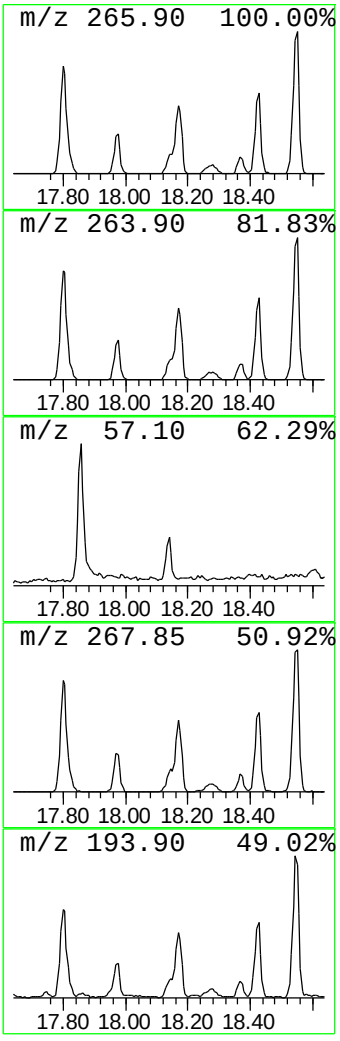
Peak Number 26 Naphthalene, 1,2,3,4-tetrac... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	7.72 ng/ul	836059	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrachloro-	264	C10H4Cl4	020020-02-4	96
2	Naphthalene, 1,2,3,4-tetrachloro-	264	C10H4Cl4	020020-02-4	94
3	Naphthalene, 1,4,6,7-tetrachloro-	264	C10H4Cl4	055720-43-9	93
4	Naphthalene, 1,3,5,7-tetrachloro-	264	C10H4Cl4	053555-64-9	93
5	Naphthalene, 1,2,3,4-tetrachloro-	264	C10H4Cl4	020020-02-4	91





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Quant Title : SVOA CALIBRATION

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

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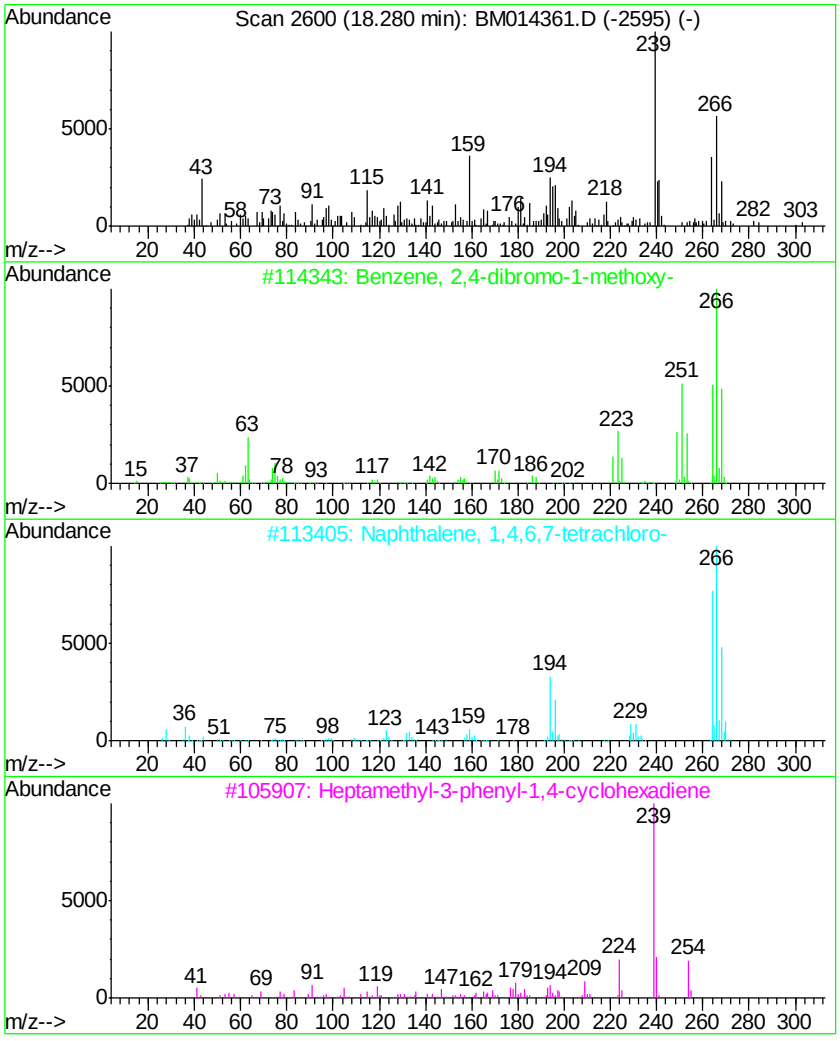
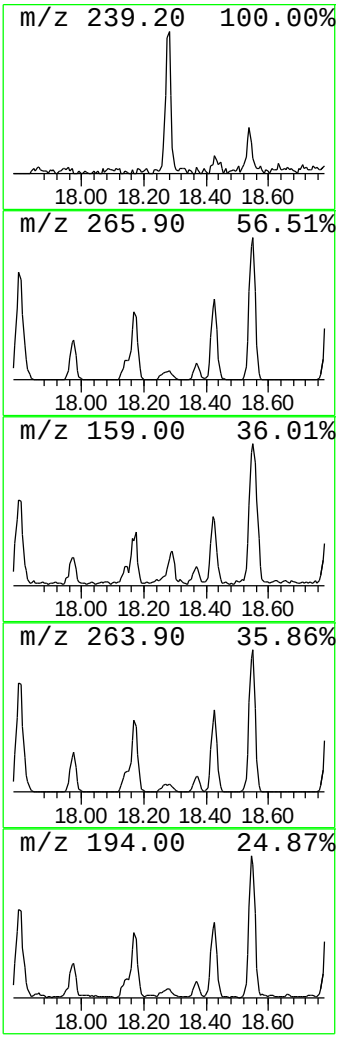
Peak Number 28 unknown-02 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	3.41 ng/ul	369457	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-dibromo-1-methoxy-	264	C7H6Br2O	021702-84-1	35
2	Naphthalene, 1,4,6,7-tetrachloro-	264	C10H4Cl4	055720-43-9	30
3	Heptamethyl-3-phenyl-1,4-cyclohe...	254	C19H26	122531-52-6	27
4	Naphthalene, 1,2,3,4-tetrachloro-	264	C10H4Cl4	020020-02-4	27
5	9,10-Anthracenedione, 1-amino-4-...	239	C14H9NO3	000116-85-8	25





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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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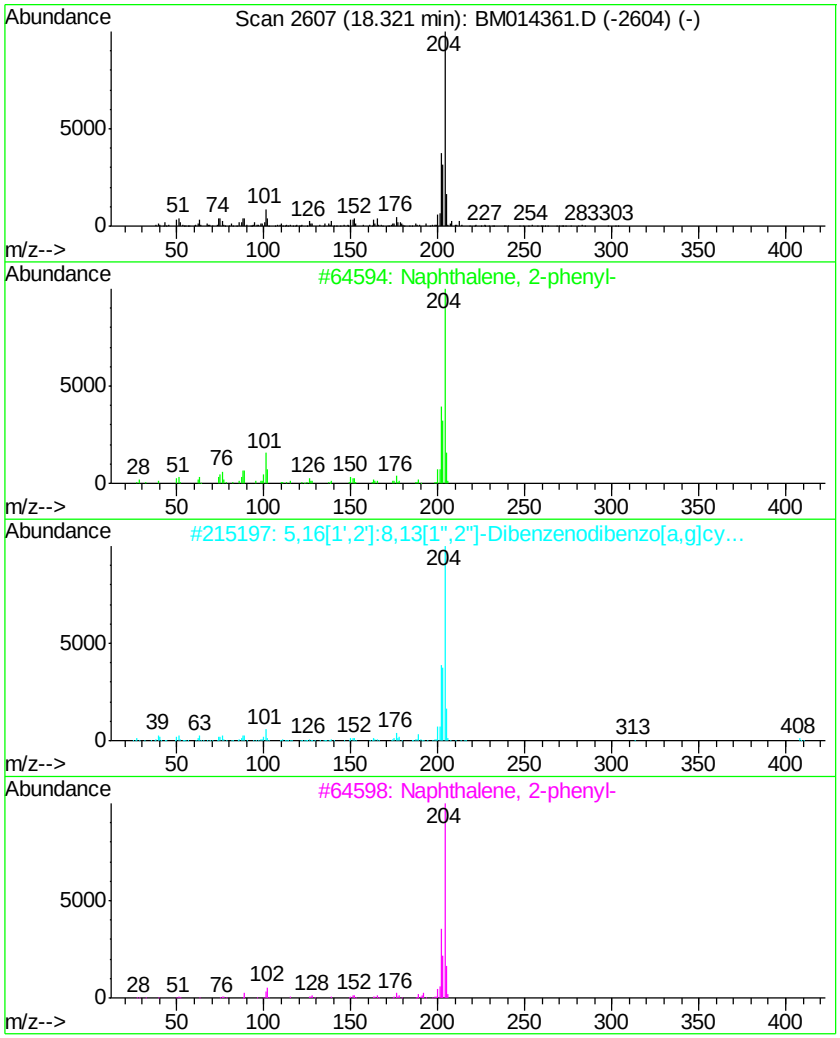
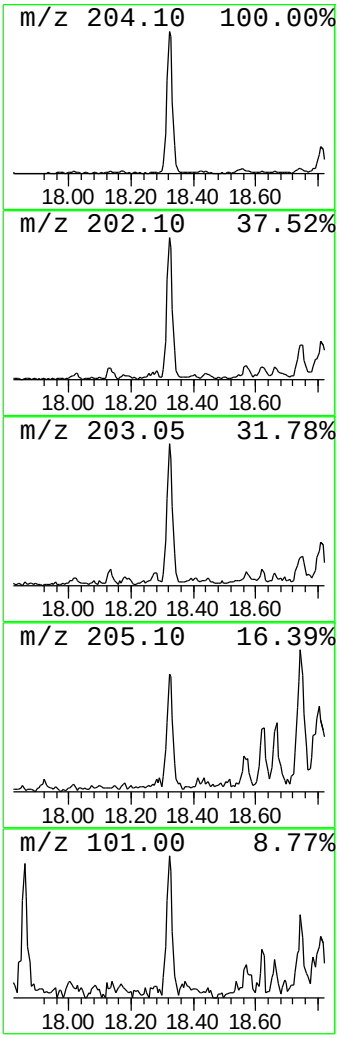
Peak Number 29 Naphthalene, 2-phenyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	5.01 ng/ul	543029	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68





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Quant Title : SVOA CALIBRATION

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

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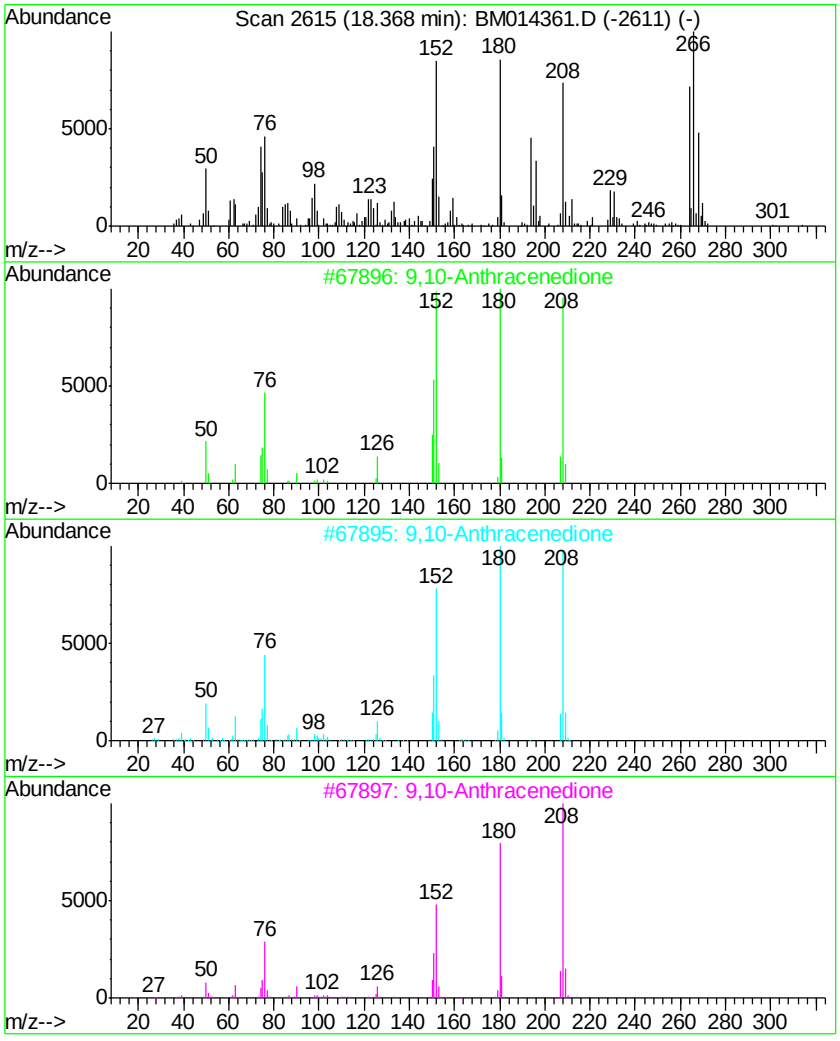
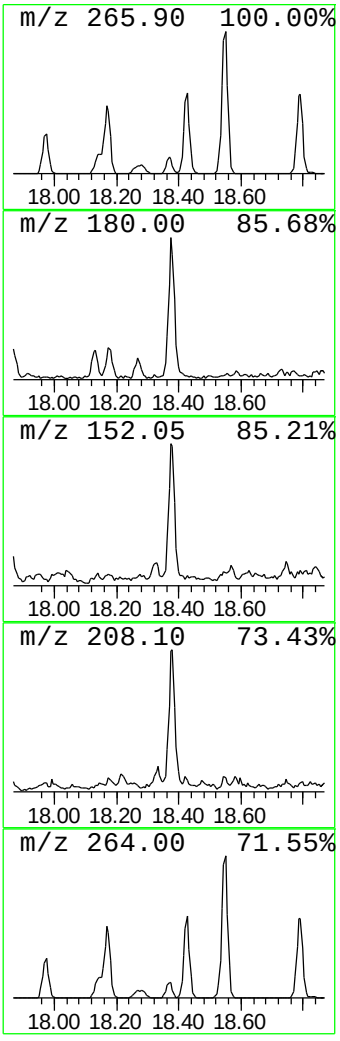
Peak Number 30 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	8.29 ng/ul	898396	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	86
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	83
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	83
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





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Quant Title : SVOA CALIBRATION

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

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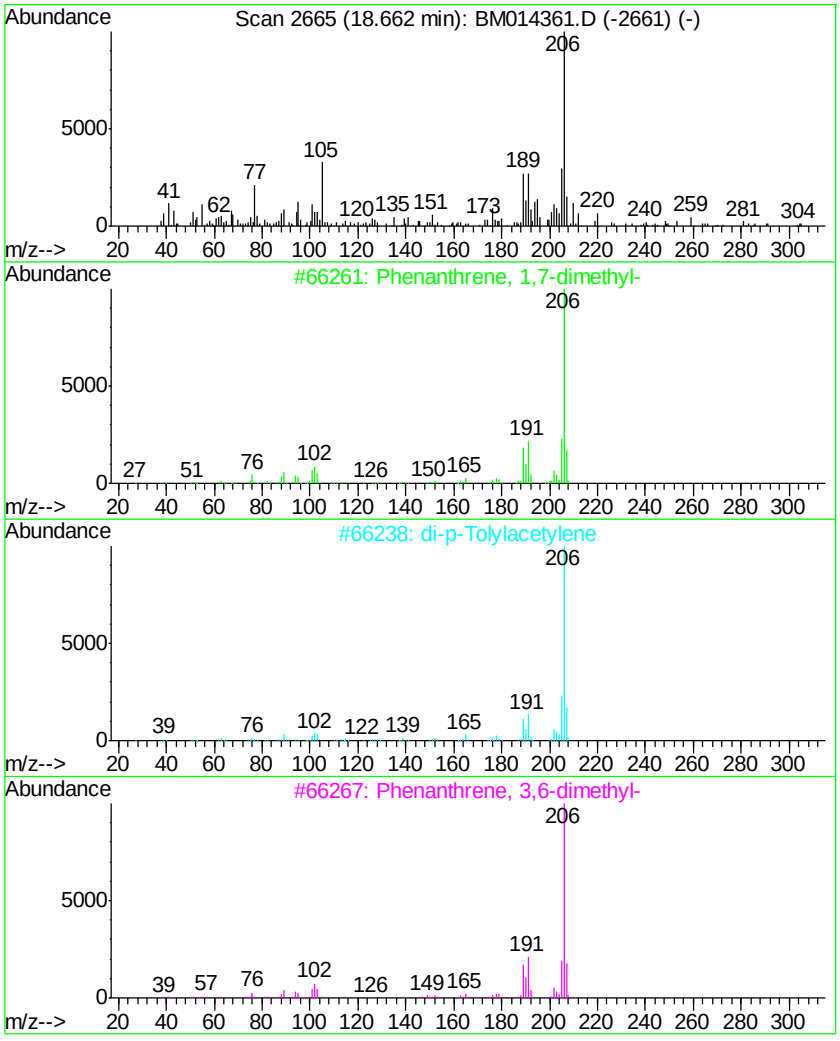
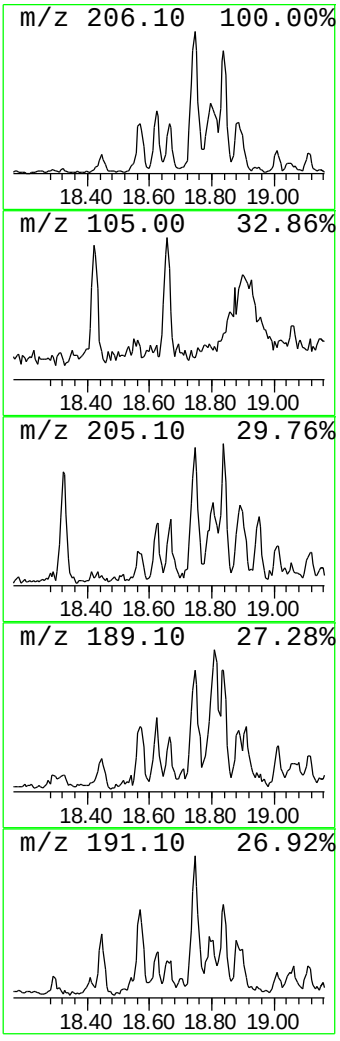
Peak Number 33 Phenanthrene, 1,7-dimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	2.22 ng/ul	240084	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	76
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	76





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

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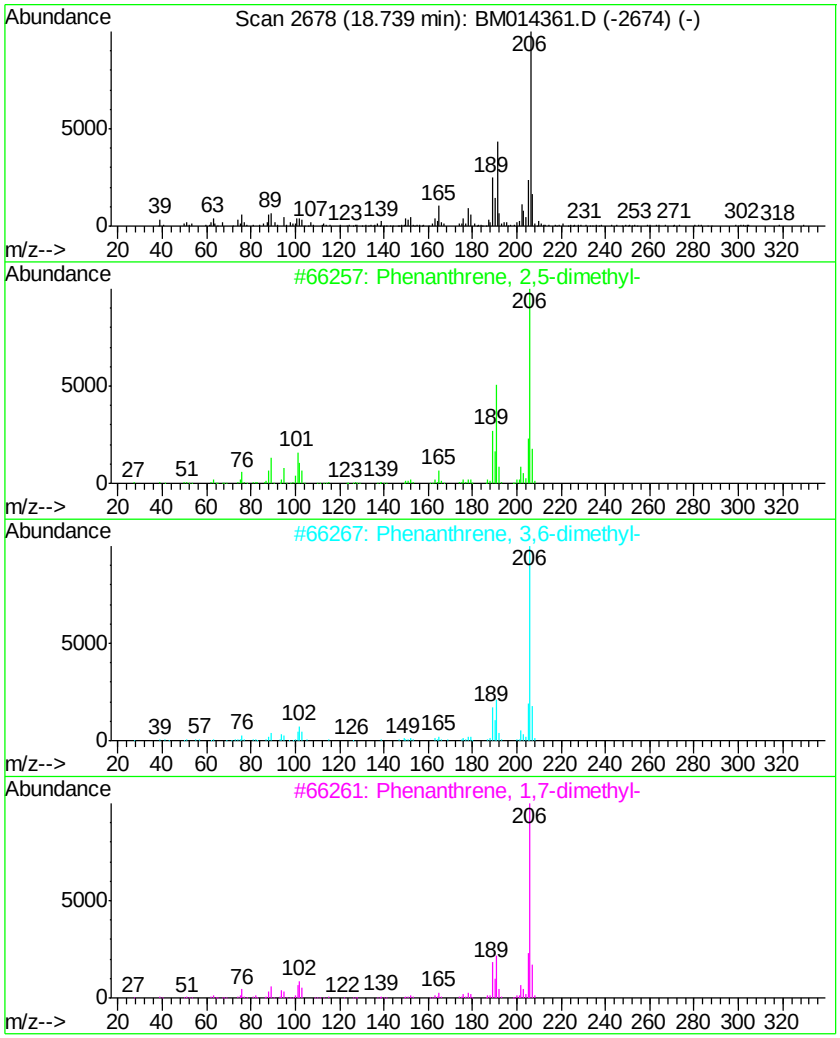
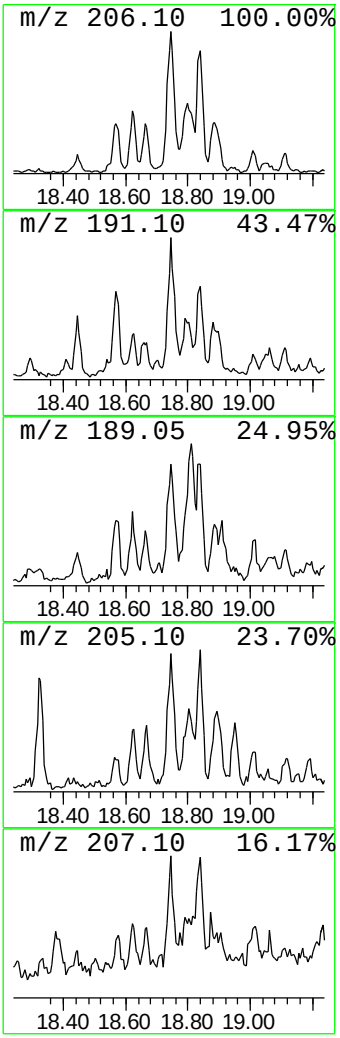
Peak Number 34 Phenanthrene, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	5.94 ng/ul	643564	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





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

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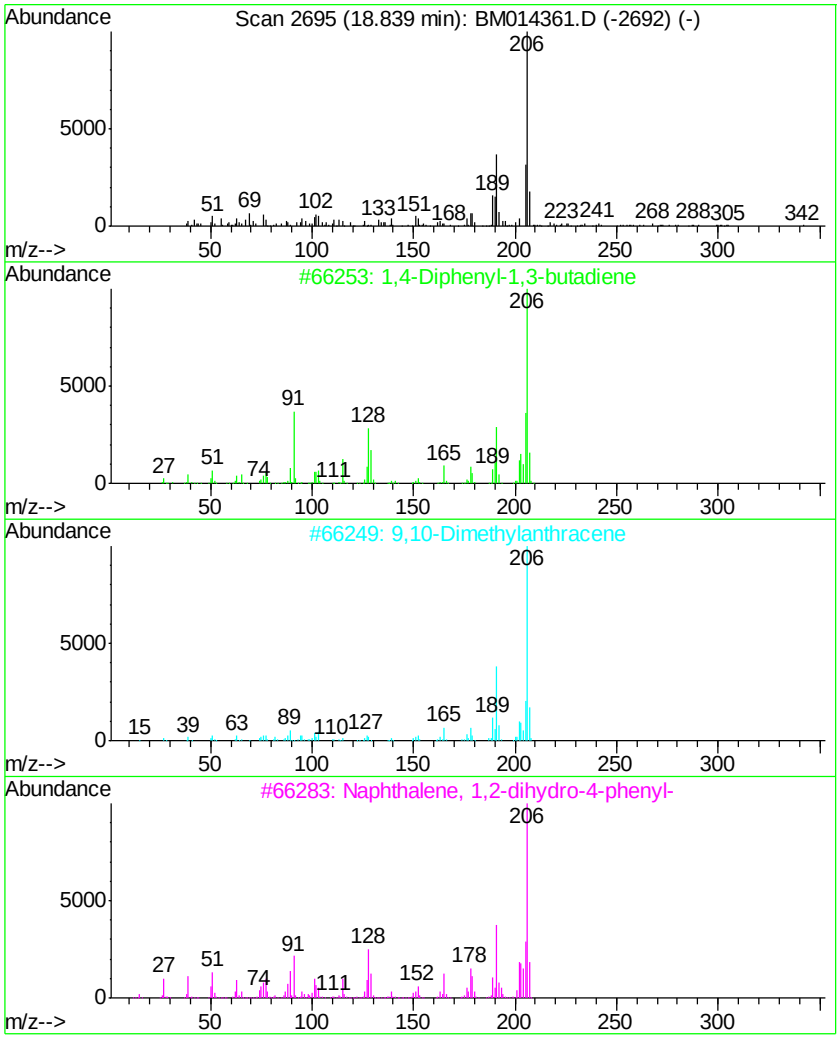
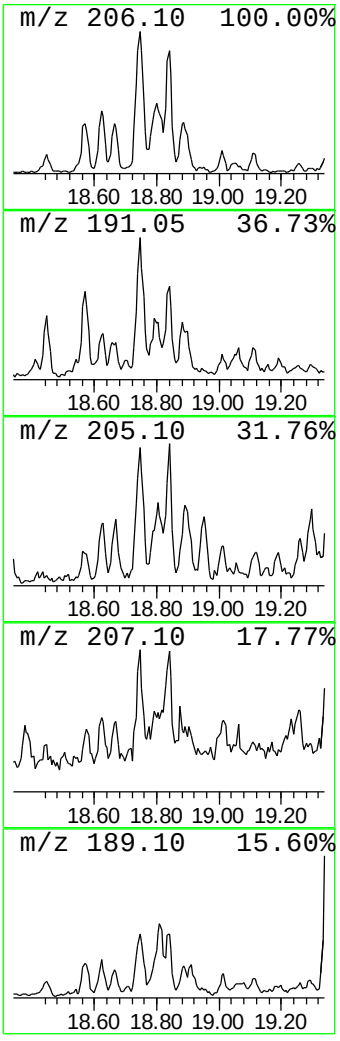
Peak Number 36 1,4-Diphenyl-1,3-butadiene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	3.48 ng/ul	376738	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	87
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	86
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	86
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	86





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Data File : BM014361.D
Acq On : 26 Feb 2018 17:59
Operator : SJ/JU
Sample : J1631-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y6

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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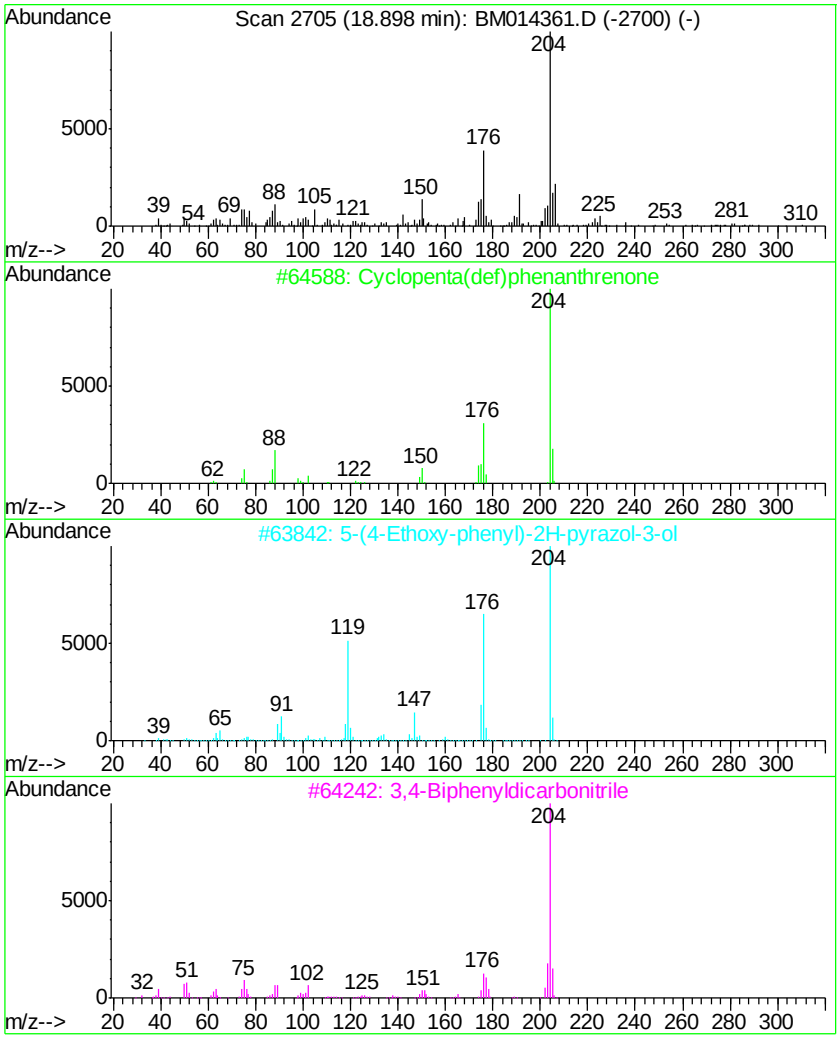
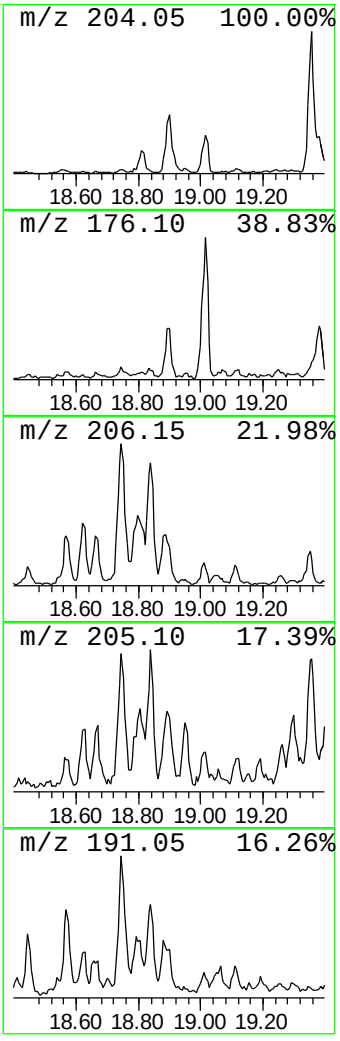
Peak Number 37 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	6.49 ng/ul	703336	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	52
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	46
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	45





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Operator : SJ/JU
Sample : J1631-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y6

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

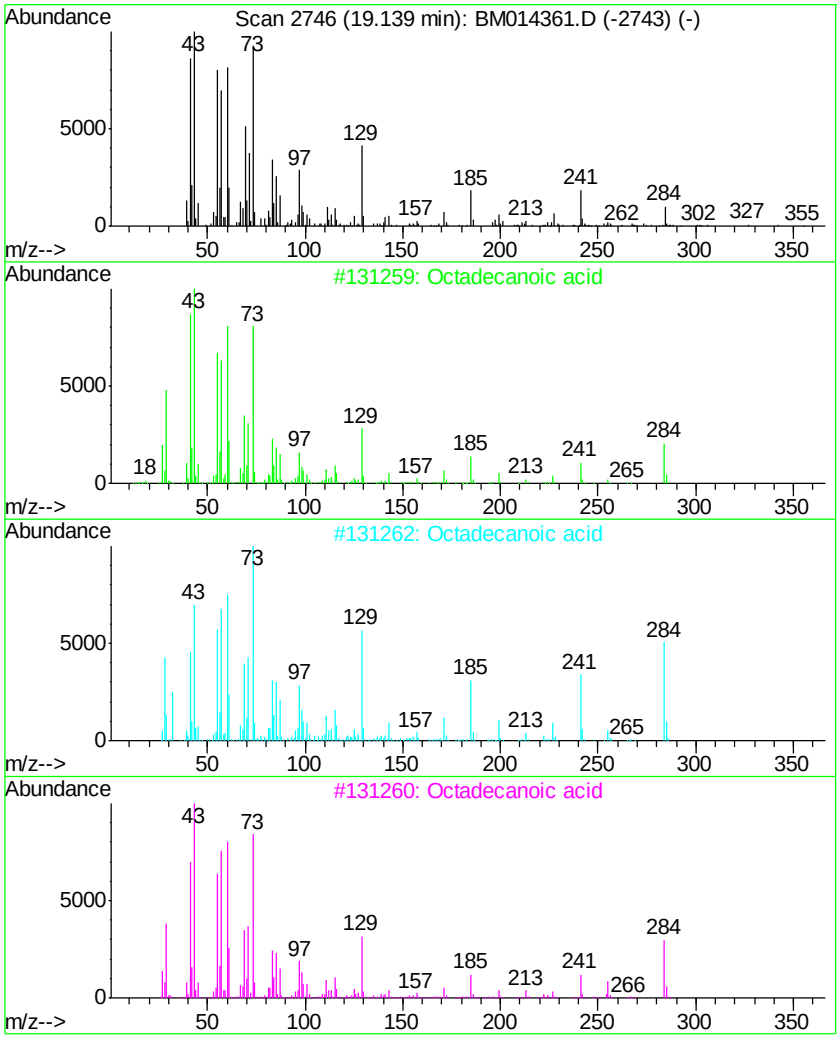
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

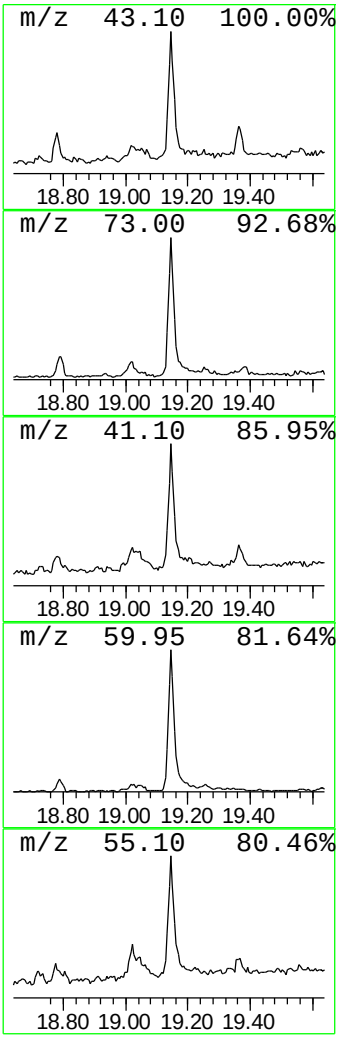
****

Peak Number 38 Octadecanoic acid Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	5.07 ng/ul	1643390	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Octadecanoic acid	284	C18H36O2	000057-11-4	83





Library Search Compound Report

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Operator : SJ/JU
Sample : J1631-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y6

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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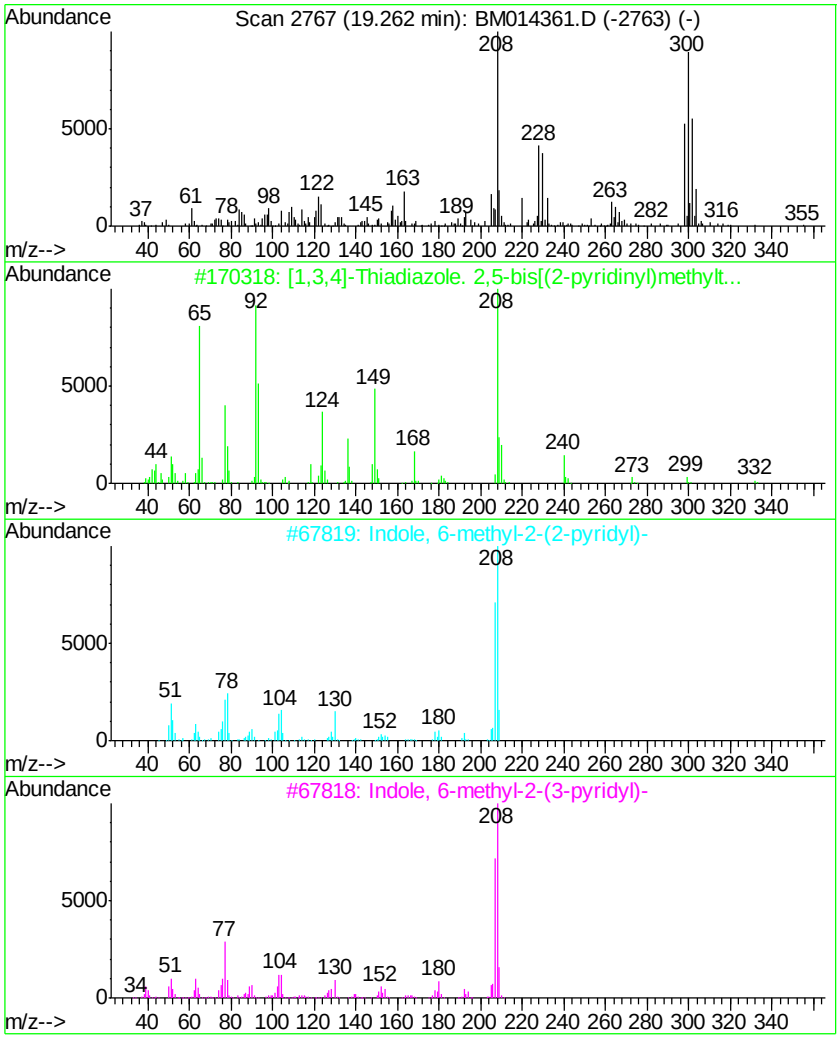
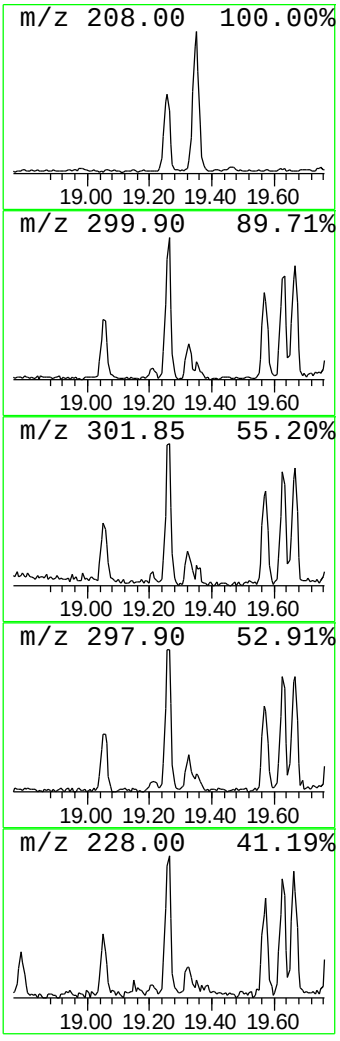
Peak Number 39 unknown-03 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	2.01 ng/ul	652519	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,3,4]-Thiadiazole. 2,5-bis[(2-...	332	C14H12N4S3	1000300-64-2	25
2	Indole, 6-methyl-2-(2-pyridyl)-	208	C14H12N2	107919-89-1	22
3	Indole, 6-methyl-2-(3-pyridyl)-	208	C14H12N2	293762-69-3	22
4	Indole, 6-methyl-2-(4-pyridyl)-	208	C14H12N2	107919-93-7	22
5	Phenaleno[1,9-bc]thiophene	208	C14H8S	079965-99-4	22





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Acq On : 26 Feb 2018 17:59
Operator : SJ/JU
Sample : J1631-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y6

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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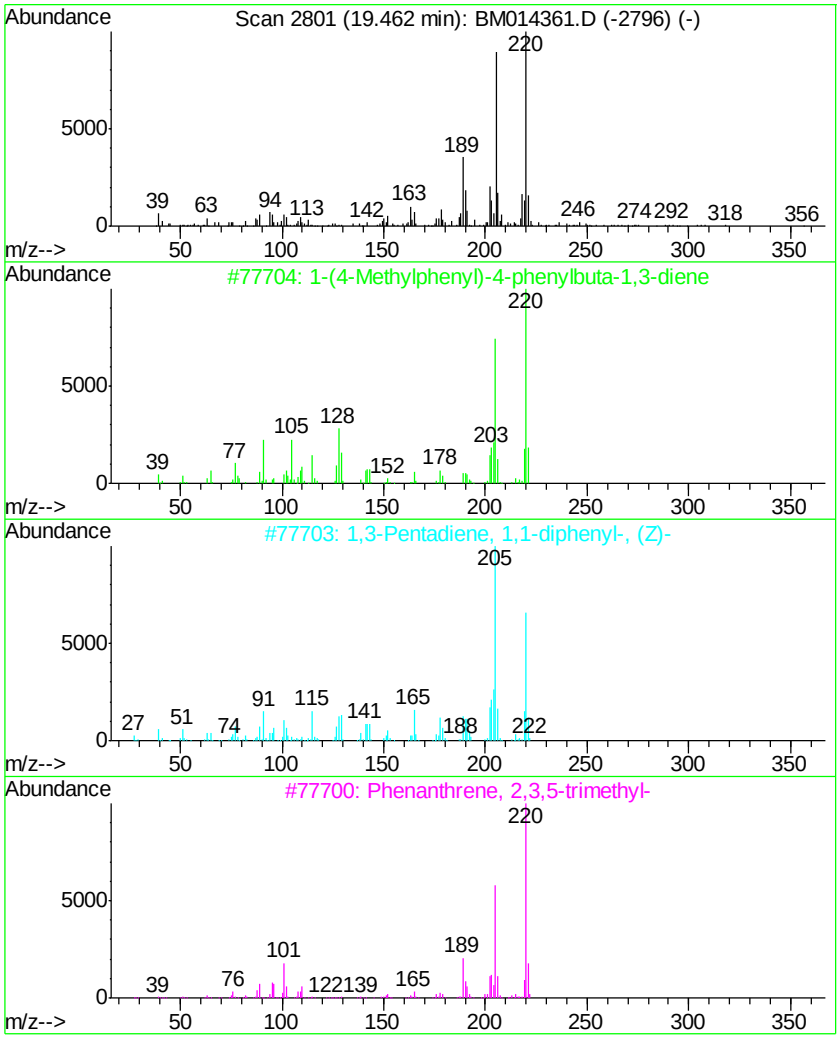
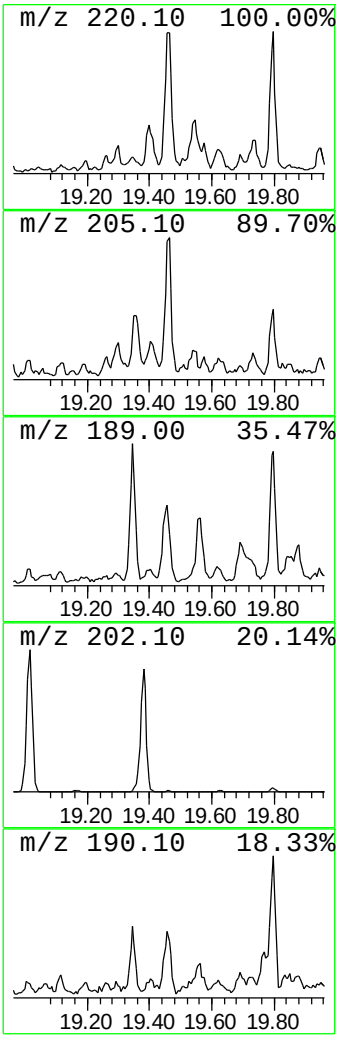
Peak Number 40 1-(4-Methylphenyl)-4-phenyl... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.46	2.26 ng/ul	732549	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	86
2	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	70
3	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	70
4	Anthracene, 9-(1-methylethyl)-	220	C17H16	001498-80-2	52
5	Phenmethylcynide, .alpha.,.alpha...	220	C11H12N2O3	1000128-94-6	49





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Data File : BM014361.D
Acq On : 26 Feb 2018 17:59
Operator : SJ/JU
Sample : J1631-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y6

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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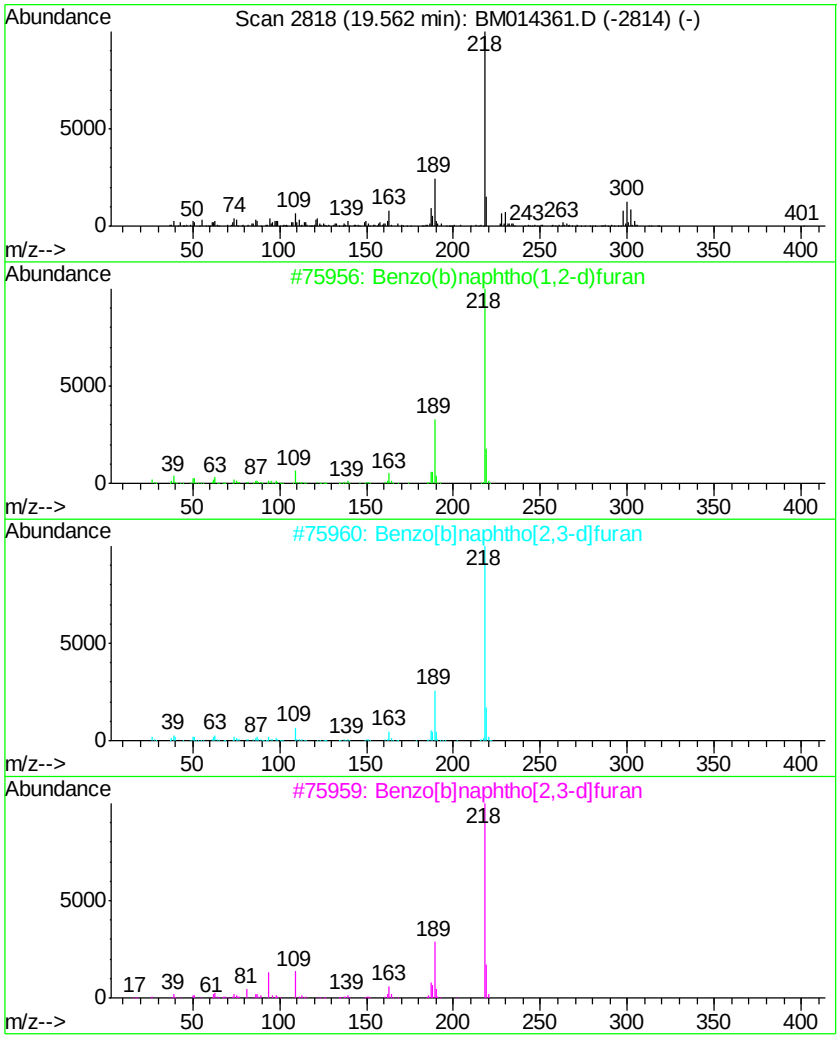
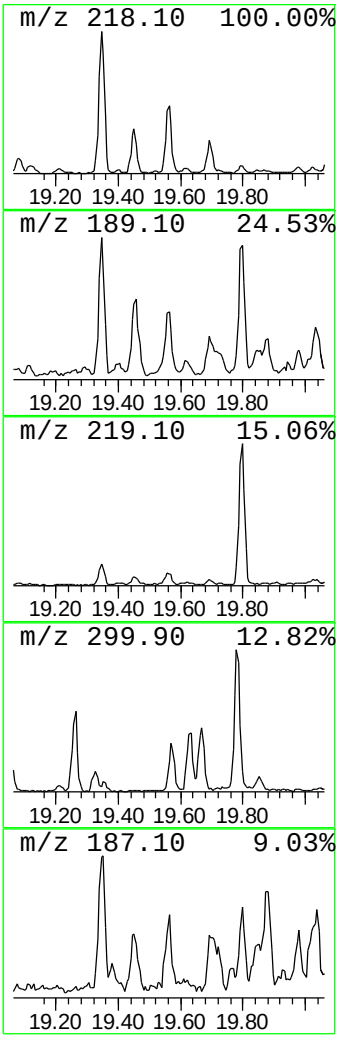
Peak Number 41 Benzo(b)naphtho(1,2-d)furan Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	2.39 ng/ul	776037	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(b)naphtho(1,2-d)furan	218	C16H10O	000205-39-0	81
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	81
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	74
4	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	64
5	8-Amino-2,6-dimethoxylepidine	218	C12H14N2O2	074509-65-2	59





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014361.D
Acq On : 26 Feb 2018 17:59
Operator : SJ/JU
Sample : J1631-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y6

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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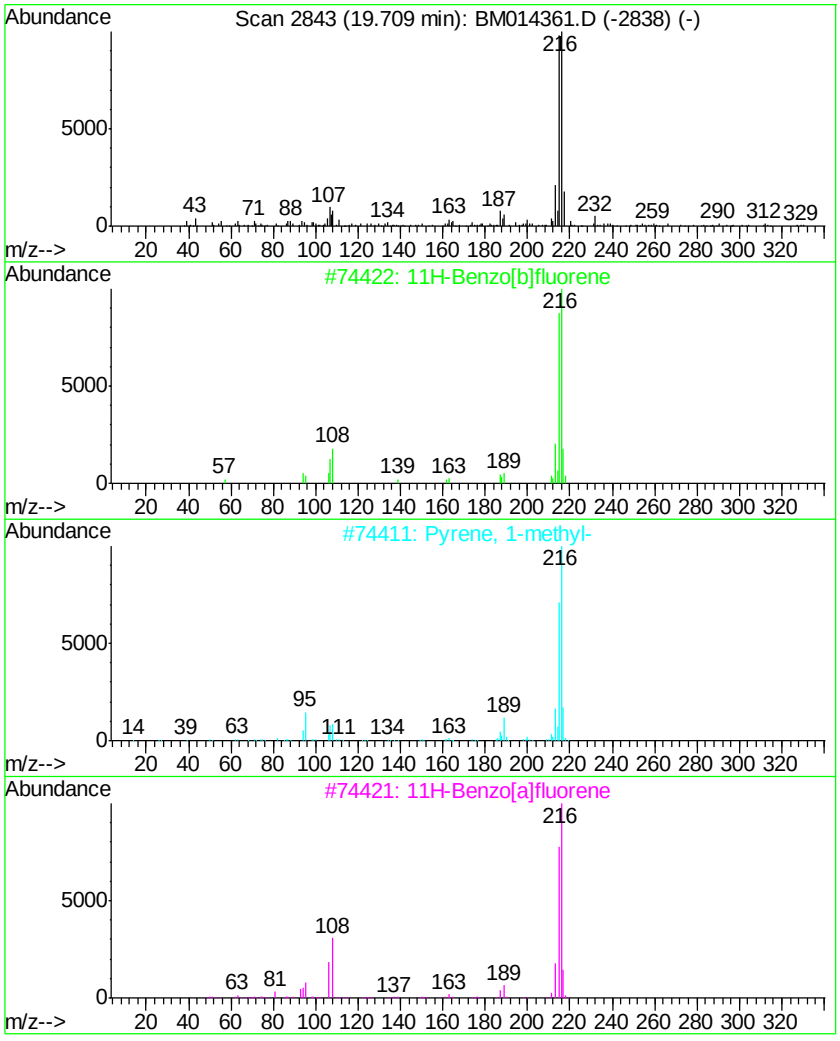
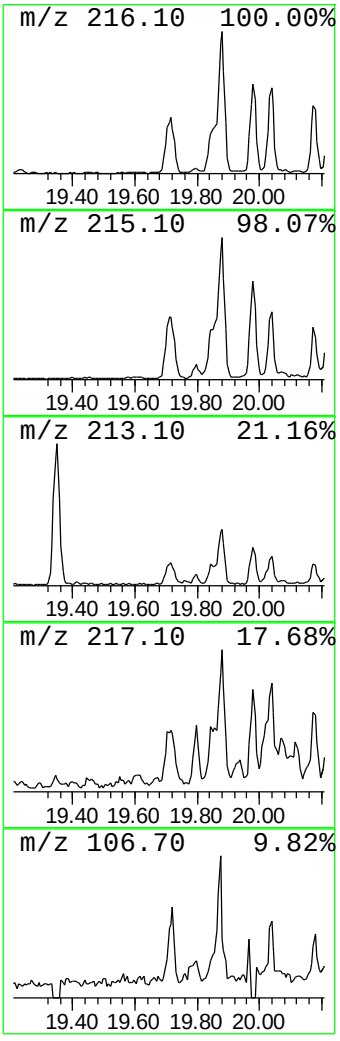
Peak Number 42 11H-Benzo[b]fluorene Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	2.55 ng/ul	826606	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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Data File : BM014361.D
Acq On : 26 Feb 2018 17:59
Operator : SJ/JU
Sample : J1631-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y6

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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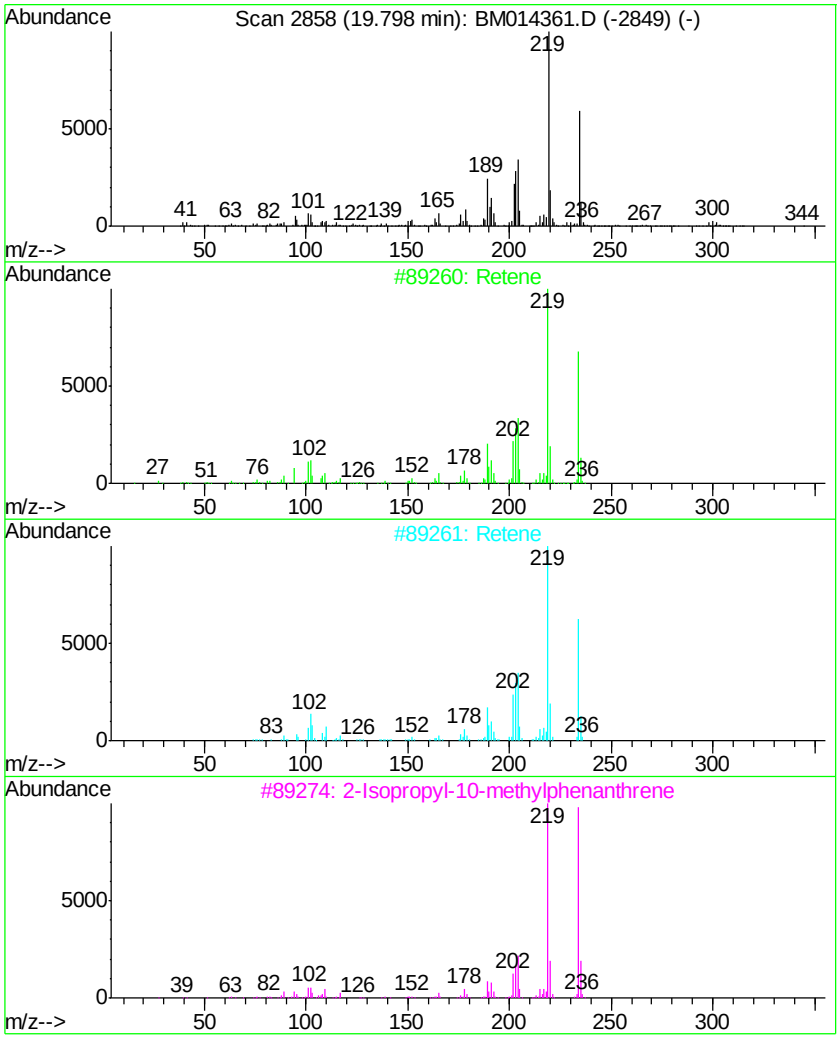
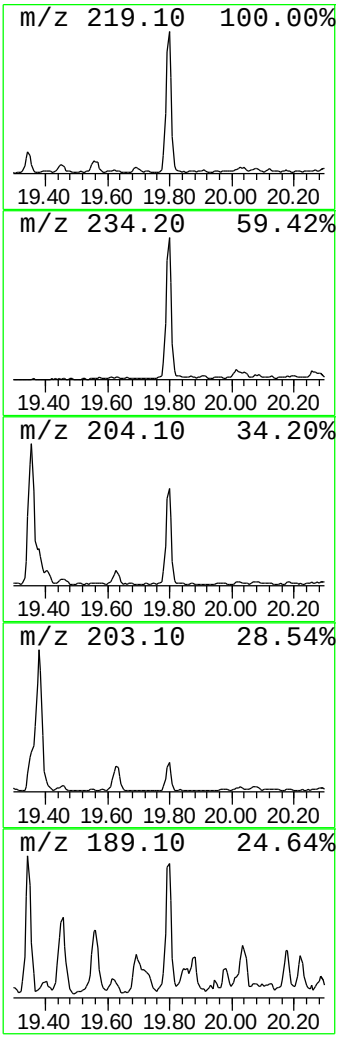
Peak Number 43 Retene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	9.81 ng/ul	3181610	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	Retene	234	C18H18	000483-65-8	95
3	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
4	Retene	234	C18H18	000483-65-8	95
5	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	68





Tentatively Identified Compound (LSC) summary

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Acq On : 26 Feb 2018 17:59
Operator : SJ/JU
Sample : J1631-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y6

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	3.01	5.6	ng/ul	290144	1	7.52	1030650	20.0
2-Methyl-2,4-dime...	4.68	3.6	ng/ul	187748	1	7.52	1030650	20.0
Camphor	9.71	3.9	ng/ul	300062	2	10.29	1559070	20.0
unknown-01	11.84	3.4	ng/ul	266431	2	10.29	1559070	20.0
Naphthalene, 2,7-...	14.99	4.0	ng/ul	408043	3	14.18	2063440	20.0
(DEL) Alkane: Str...	15.04	3.0	ng/ul	309755	3	14.18	2063440	20.0
[1,1'-Biphenyl]-4...	15.53	2.6	ng/ul	264658	3	14.18	2063440	20.0
9H-Fluoren-9-ol	15.69	3.0	ng/ul	320535	4	16.94	2166230	20.0
(DEL) Alkane: Str...	15.91	4.2	ng/ul	450834	4	16.94	2166230	20.0
9H-Fluorene, 1-me...	16.25	3.1	ng/ul	340707	4	16.94	2166230	20.0
Naphthalene, 2,3,...	16.39	12.0	ng/ul	1296790	4	16.94	2166230	20.0
Naphthalene, 1,3,...	16.47	4.2	ng/ul	458746	4	16.94	2166230	20.0
Benzo[h]cinnoline	16.60	2.8	ng/ul	303357	4	16.94	2166230	20.0
Dibenzothiophene	16.76	5.6	ng/ul	610693	4	16.94	2166230	20.0
Naphthalene, 1,3,...	17.49	5.3	ng/ul	569946	4	16.94	2166230	20.0
Naphthalene, 1,4,...	17.80	33.6	ng/ul	3635370	4	16.94	2166230	20.0
n-Hexadecanoic acid	17.86	31.4	ng/ul	3398690	4	16.94	2166230	20.0
4H-Cyclopenta[def...	18.01	15.3	ng/ul	1653160	4	16.94	2166230	20.0
Phenanthrene, 1-m...	18.04	5.8	ng/ul	629653	4	16.94	2166230	20.0
Naphthalene, 1,2,...	18.14	7.7	ng/ul	836059	4	16.94	2166230	20.0
unknown-02	18.28	3.4	ng/ul	369457	4	16.94	2166230	20.0
Naphthalene, 2-ph...	18.32	5.0	ng/ul	543029	4	16.94	2166230	20.0
9,10-Anthracenedione	18.37	8.3	ng/ul	898396	4	16.94	2166230	20.0
Phenanthrene, 1,7...	18.66	2.2	ng/ul	240084	4	16.94	2166230	20.0
Phenanthrene, 2,5...	18.74	5.9	ng/ul	643564	4	16.94	2166230	20.0
1,4-Diphenyl-1,3-...	18.84	3.5	ng/ul	376738	4	16.94	2166230	20.0
Cyclopenta(def)ph...	18.90	6.5	ng/ul	703336	4	16.94	2166230	20.0
Octadecanoic acid	19.14	5.1	ng/ul	1643390	5	21.15	6488310	20.0
unknown-03	19.26	2.0	ng/ul	652519	5	21.15	6488310	20.0
1-(4-Methylphenyl...	19.46	2.3	ng/ul	732549	5	21.15	6488310	20.0
Benzo(b)naphtho(1...	19.56	2.4	ng/ul	776037	5	21.15	6488310	20.0
11H-Benzo[b]fluorene	19.71	2.5	ng/ul	826606	5	21.15	6488310	20.0
Retene	19.80	9.8	ng/ul	3181610	5	21.15	6488310	20.0