LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005631.D
Acq On : 24 May 2016 04:54
Operator : UM/SJ
Sample : H3086-03RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF4RE

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-BM052016.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	5.798	541	546	559	rVB2	89965	165104	1.42%	0.150%
2	6.986	742	748	761	rVB	660523	1106013	9.49%	1.003%
3	7.139	768	774	779	rBV	525148	827424	7.10%	0.751%
4	7.339	802	808	816	rVB	675420	1117187	9.59%	1.014%
5	7.463	823	829	836	rBV2	71555	142143	1.22%	0.129%
6	7.804	877	887	895	rVB	955096	1558969	13.38%	1.414%
7	8.339	972	978	992	rBV	184643	430507	3.69%	0.391%
8	8.522	1002	1009	1016	rBV	776238	1244843	10.68%	1.129%
9	8.963	1077	1084	1092	rBV	616468	1026699	8.81%	0.931%
10	9.680	1199	1206	1217	rVB	508278	865082	7.42%	0.785%
11	10.027	1255	1265	1271	rBV6	49370	134402	1.15%	0.122%
12	10.227	1292	1299	1306	rVB	797143	1346705	11.56%	1.222%
13	10.598	1350	1362	1368	rBV	1226737	2209369	18.96%	2.004%
14	10.733	1379	1385	1393	rVB	434592	817306	7.01%	0.741%
15	11.616	1528	1535	1543	rBV4	59209	146281	1.26%	0.133%
16	12.104	1608	1618	1624	rBV4	82301	217490	1.87%	0.197%
17	12.968	1760	1765	1771	rVV	106186	160412	1.38%	0.146%
18	13.263	1804	1815	1822	rBV5	84506	262073	2.25%	0.238%
19	13.762	1895	1900	1905	rBV2	67786	121247	1.04%	0.110%
20	13.851	1907	1915	1919	rVV	1214867	1740524	14.94%	1.579%
21	13.898	1919	1923	1937	rVB2	431262	959611	8.23%	0.871%
22	14.139	1957	1964	1966	rBV	1432703	2396938	20.57%	2.175%
23	14.168	1966	1969	1977	rVV	2328962	3555559	30.51%	3.226%
24	14.333	1992	1997	2001	rBV2	245507	393062	3.37%	0.357%
25	14.445	2007	2016	2022	rVV2	1535030	2439492	20.93%	2.213%
26	14.504	2022	2026	2033	rVB2	184371	324106	2.78%	0.294%
27	14.645	2045	2050	2052	rBV	388150	610058	5.23%	0.553%
28	14.668	2052	2054	2061	rVB	432756	613182	5.26%	0.556%
29	15.057	2113	2120	2124	rBV4	92629	239795	2.06%	0.218%
30	15.227	2143	2149	2153	rBV5	144849	261966	2.25%	0.238%
31	15.292	2156	2160	2162	rBV	177003	238514	2.05%	0.216%
32	15.439	2179	2185	2190	rBV	1753802	2516074	21.59%	2.283%
33	15.492	2190	2194	2196	rBV2	121988	195140	1.67%	0.177%
34	15.568	2204	2207	2211	rBV	109497	136576	1.17%	0.124%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H3086-03RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF4RE

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-BM052016.M
Title : SVOA CALIBRATION

35	15.692	2224	2228	2238	rVB2	295426	555668	4.77%	0.504%
36	16.168	2302	2309	2315	rBV2	845844	1681013	14.42%	1.525%
37	16.304	2328	2332	2335	rBV	96402	142171	1.22%	0.129%
38	16.939	2437	2440	2443	rVB	217722	220797	1.89%	0.200%
39	17.186	2477	2482	2486	rBV	1622773	2523717	21.66%	2.290%
40	17.233	2486	2490	2494	rVV	1052033	1543042	13.24%	1.400%
41	17.286	2494	2499	2502	rVV2	1701351	2546430	21.85%	2.310%
42	17.321	2502	2505	2510	rVV	1615981	2269409	19.47%	2.059%
43	17.374	2510	2514	2526	rVB2	228529	491540	4.22%	0.446%
44	17.674	2562	2565	2568	rBV	251136	307115	2.64%	0.279%
45	18.062	2628	2631	2635	rBV	161962	202954	1.74%	0.184%
46	18.109	2636	2639	2644	rVB2	300958	417516	3.58%	0.379%
47	18.192	2648	2653	2658	rBV	467001	757364	6.50%	0.687%
48	18.256	2659	2664	2669	rBV3	725732	1339849	11.50%	1.216%
49	18.368	2680	2683	2688	rBV	343745	444906	3.82%	0.404%
50	18.562	2713	2716	2720	rVB	286434	346455	2.97%	0.314%
51	18.750	2745	2748	2752	rBV4	186128	283141	2.43%	0.257%
52	18.974	2782	2786	2789	rBV2	445699	714994	6.14%	0.649%
53	19.127	2808	2812	2818	rVB	711657	1011749	8.68%	0.918%
54	19.250	2827	2833	2838	rBV	4939816	7090922	60.85%	6.433%
55	19.397	2853	2858	2862	rBV	1010244	1425154	12.23%	1.293%
56	19.580	2884	2889	2891	rBV3	2455278	3525680	30.25%	3.199%
57	19.615	2891	2895	2902	rVB	5616165	8545487	73.33%	7.753%
58	19.850	2931	2935	2941	rVB	634922	956236	8.21%	0.868%
59	19.933	2944	2949	2955	rBV2	516852	1327703	11.39%	1.205%
60	20.103	2975	2978	2983	rVB3	1097189	1707666	14.65%	1.549%
61	20.203	2992	2995	2998	rBV2	618278	685108	5.88%	0.622%
62	20.403	3026	3029	3033	rBV2	578991	721208	6.19%	0.654%
63	20.444	3034	3036	3041	rVB	512960	597213	5.12%	0.542%
64	20.850	3102	3105	3112	rVB	842118	1150791	9.87%	1.044%
65	21.362	3187	3192	3197	rBV3	3845117	7859750	67.44%	7.130%
66	21.409	3197	3200	3209	rVB	3759488	5146416	44.16%	4.669%
67	22.985	3461	3468	3479	rVB2	3383988	11653959	100.00%	10.573%
68	23.468	3546	3550	3555	rBV	1459788	2632867	22.59%	2.389%
69	23.574	3563	3568	3577	rVB	3424913	6881893	59.05%	6.243%

Sum of corrected areas: 110227736

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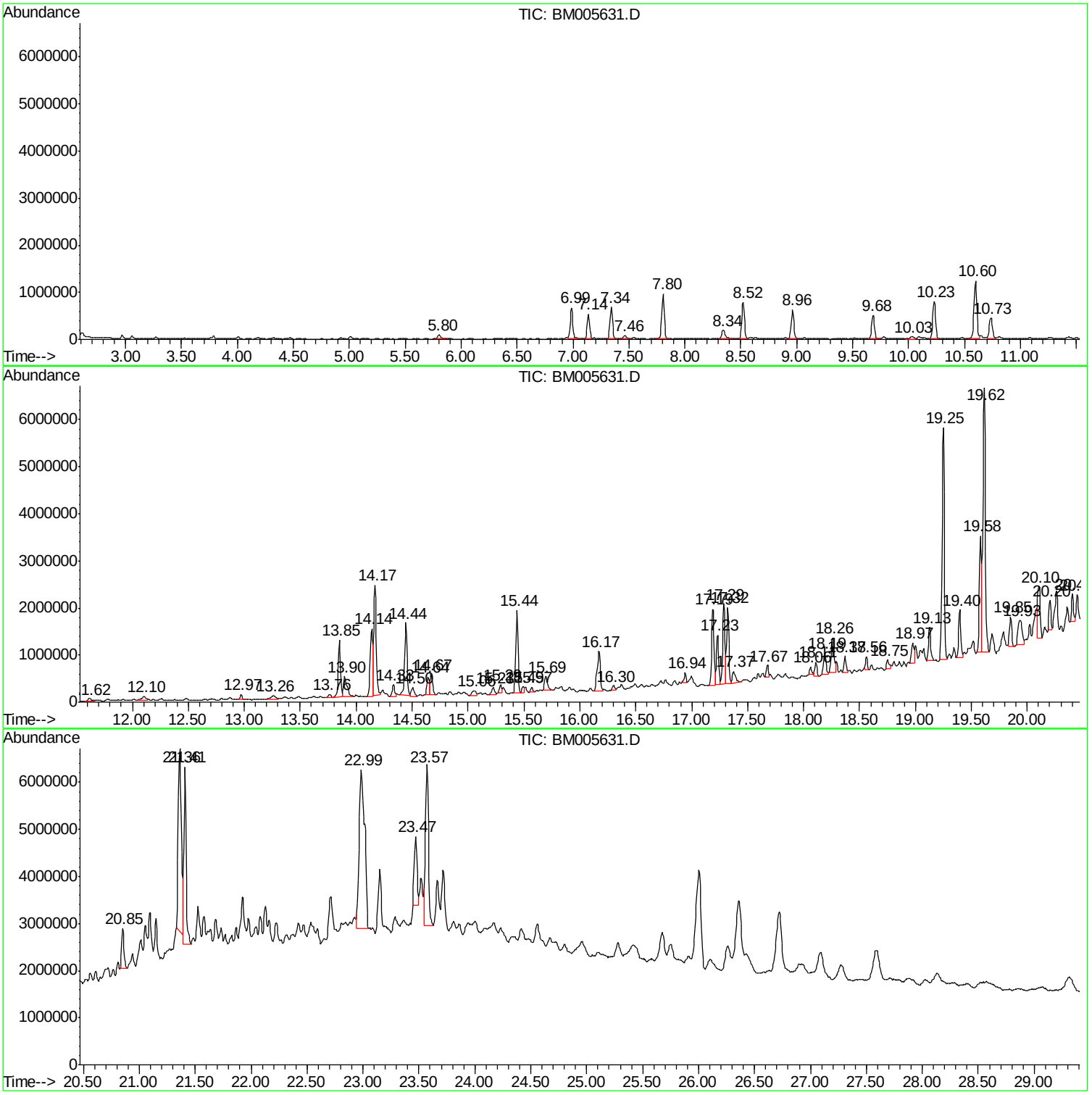
Sample : H3086-03RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGF4RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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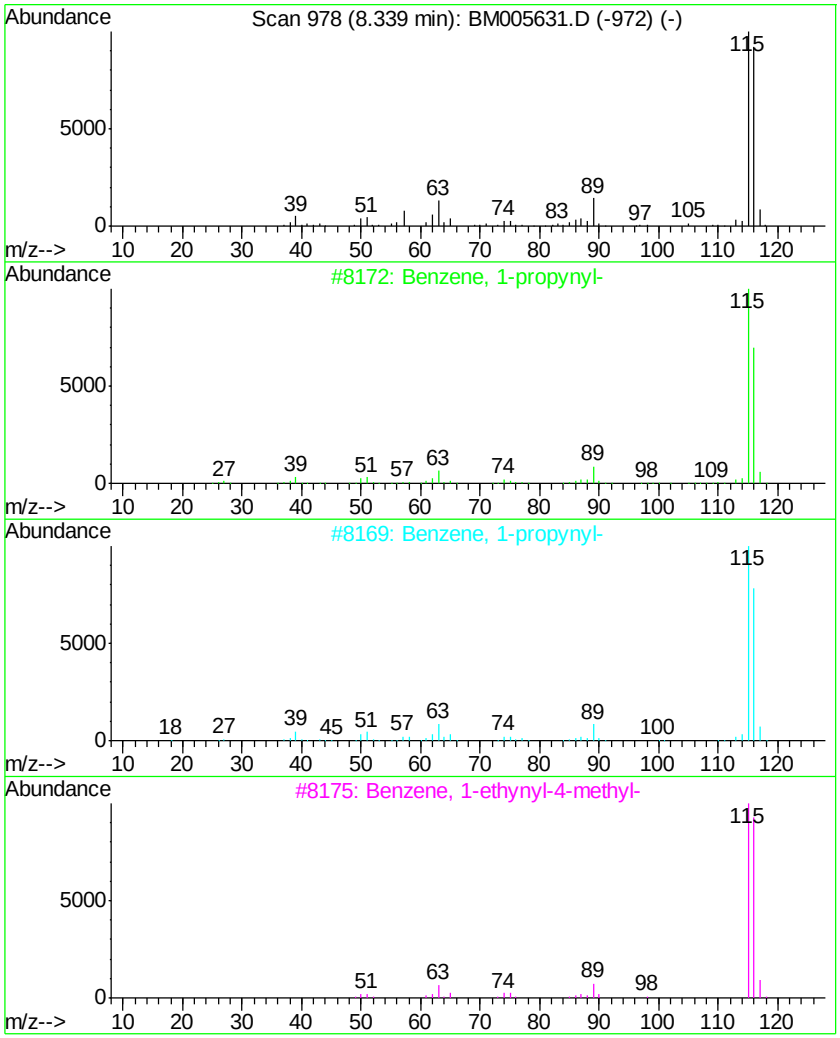
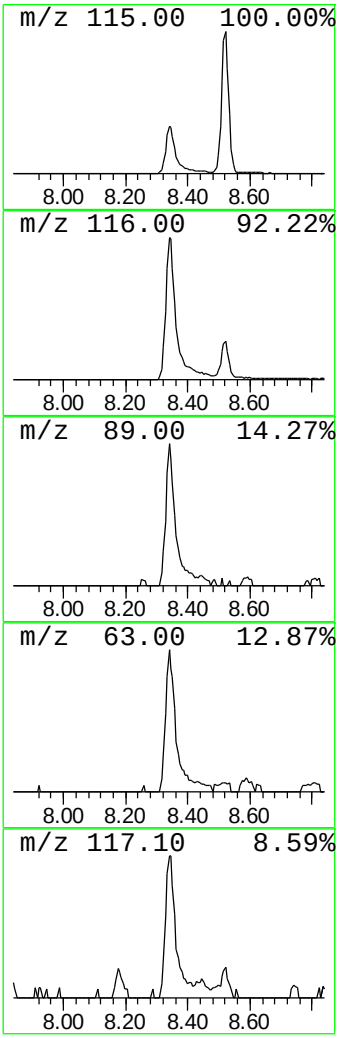
Peak Number 2 Benzene, 1-propynyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	5.52 ng/ul	430507	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4	Indene	116	C9H8	000095-13-6	91
5	Indene	116	C9H8	000095-13-6	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005631.D
Acq On : 24 May 2016 04:54
Operator : UM/SJ
Sample : H3086-03RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF4RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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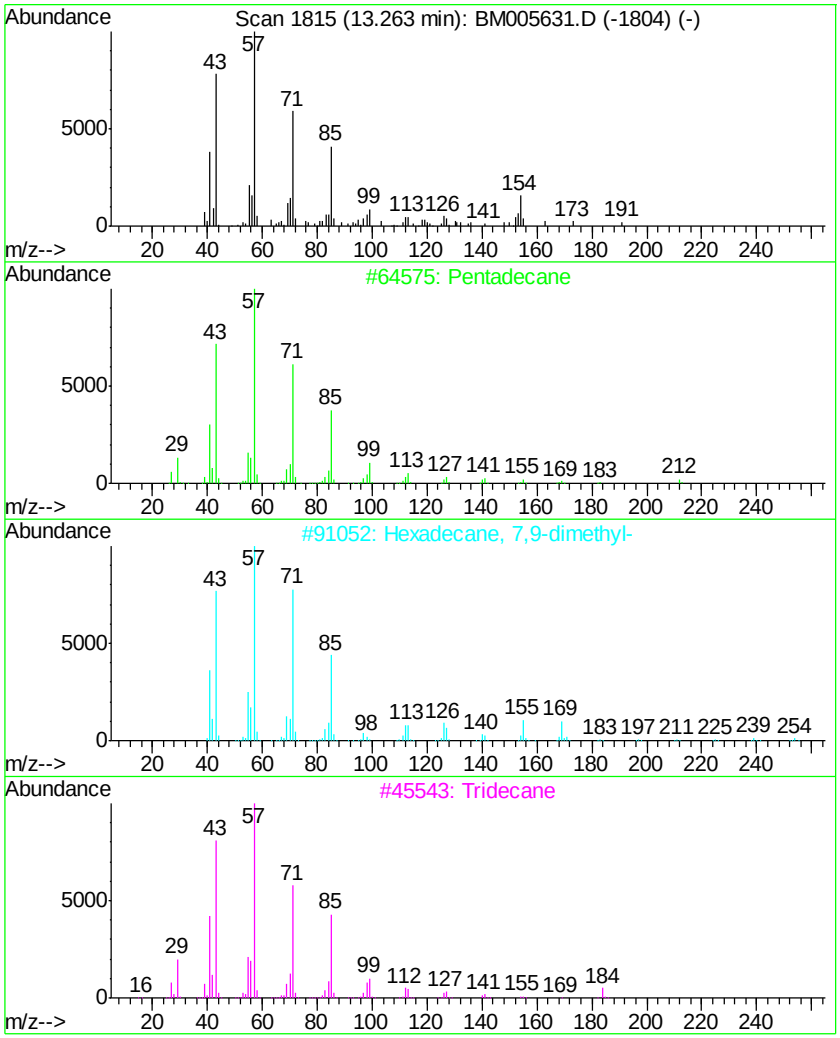
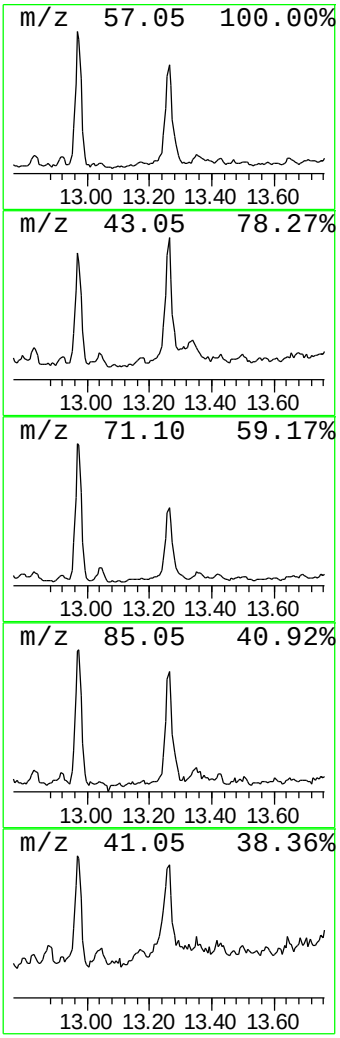
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.15 ng/ul	262073	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	72
2	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	72
3	Tridecane	184	C13H28	000629-50-5	64
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
5	Tetradecane	198	C14H30	000629-59-4	64





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Sample : H3086-03RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF4RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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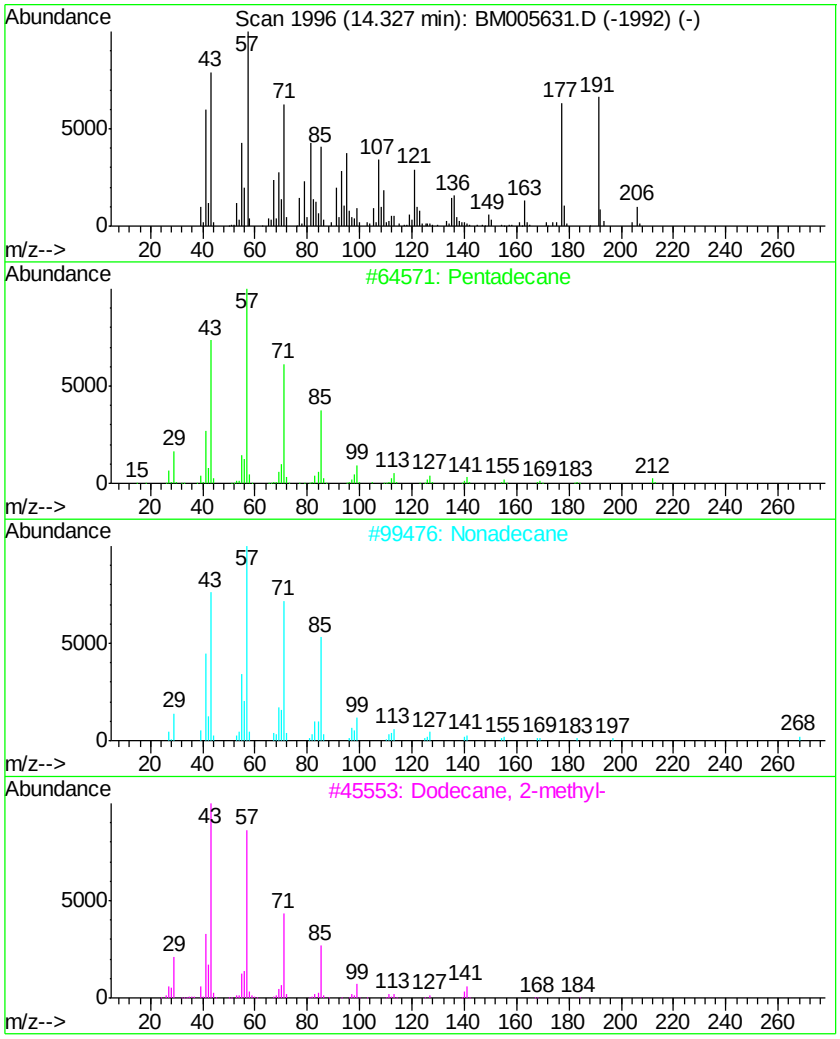
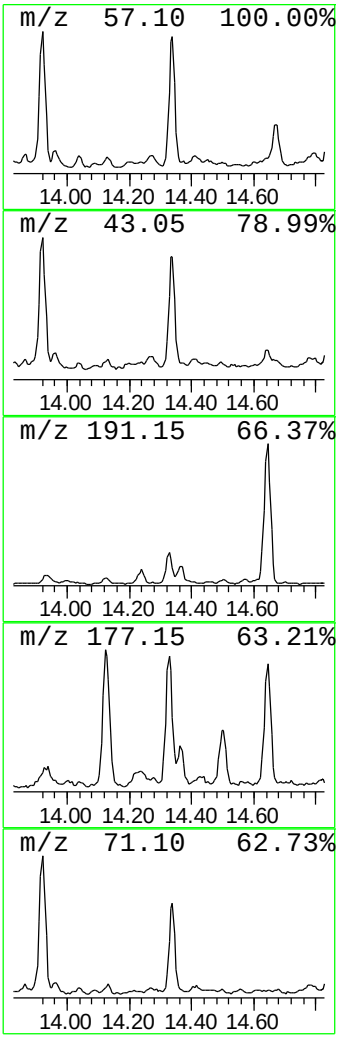
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	3.22 ng/ul	393062	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	55
2	Nonadecane	268	C19H40	000629-92-5	49
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	46
4	Hexadecane	226	C16H34	000544-76-3	46
5	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	46





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF4RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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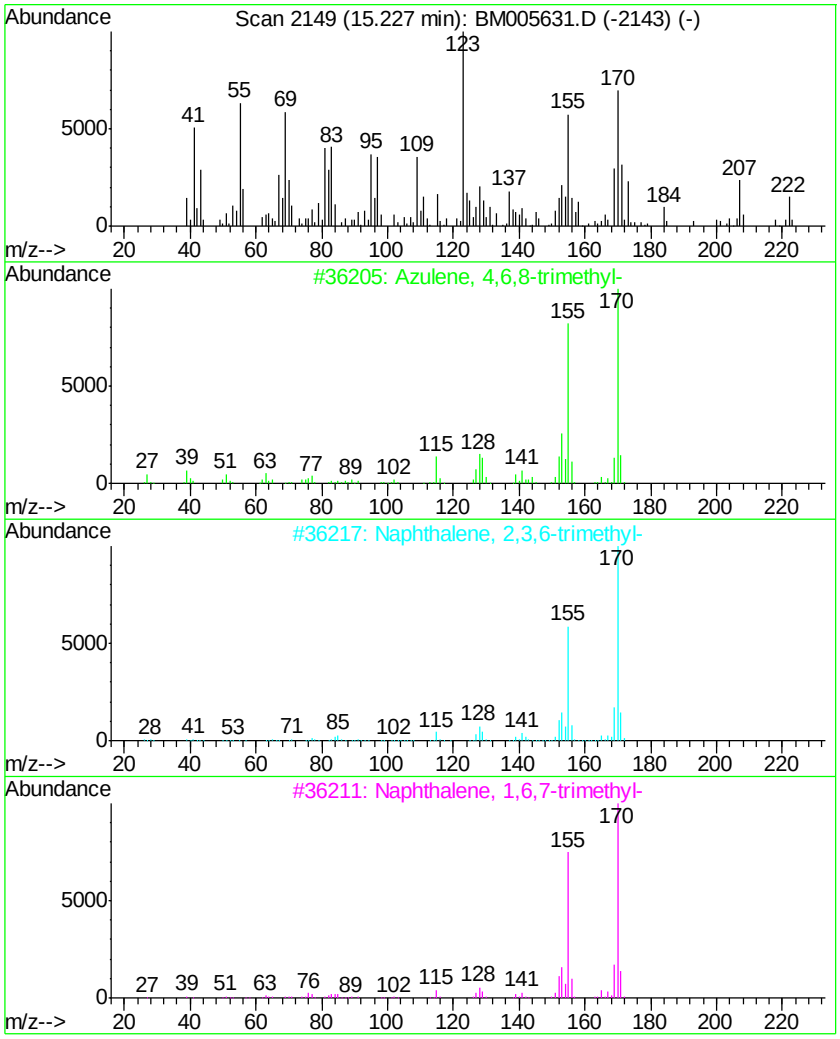
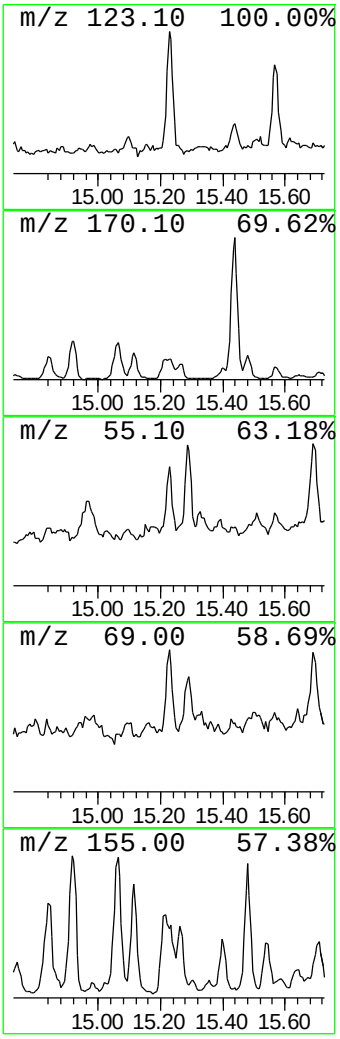
****

Peak Number 5 Azulene, 4,6,8-trimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	2.15 ng/ul	261966	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	74
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	49
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	42
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	38
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	38





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF4RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

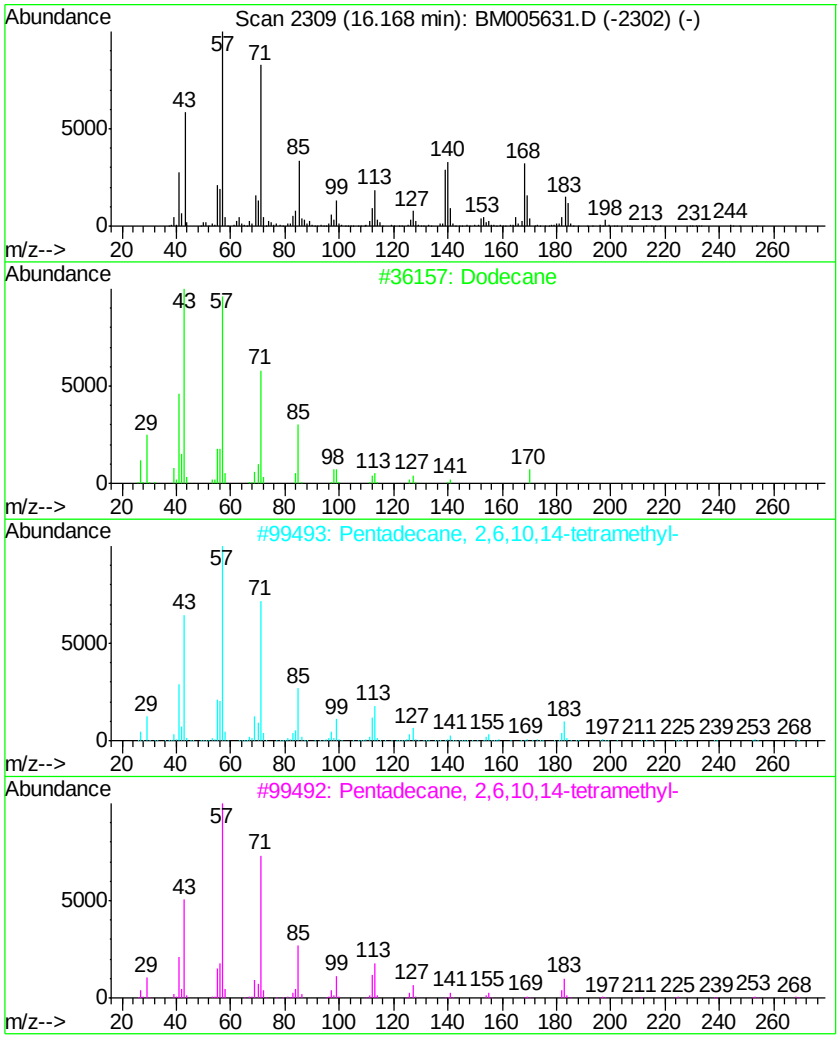
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

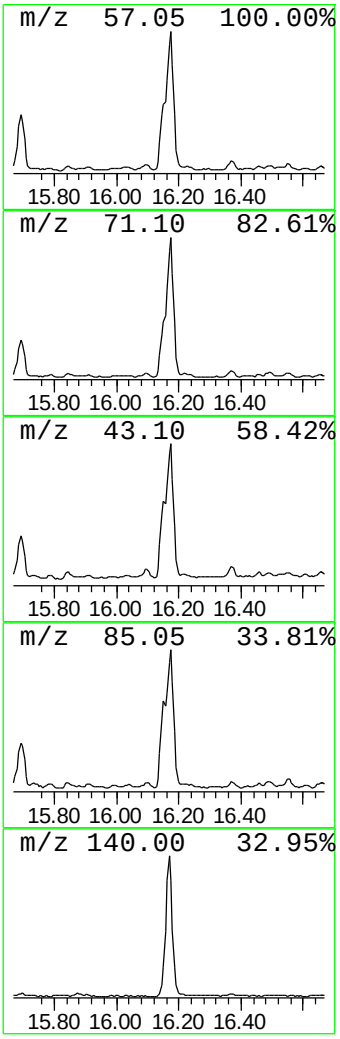
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	13.32 ng/ul	1681010	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	50
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	49
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	49
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	49
5	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	46





Library Search Compound Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF4RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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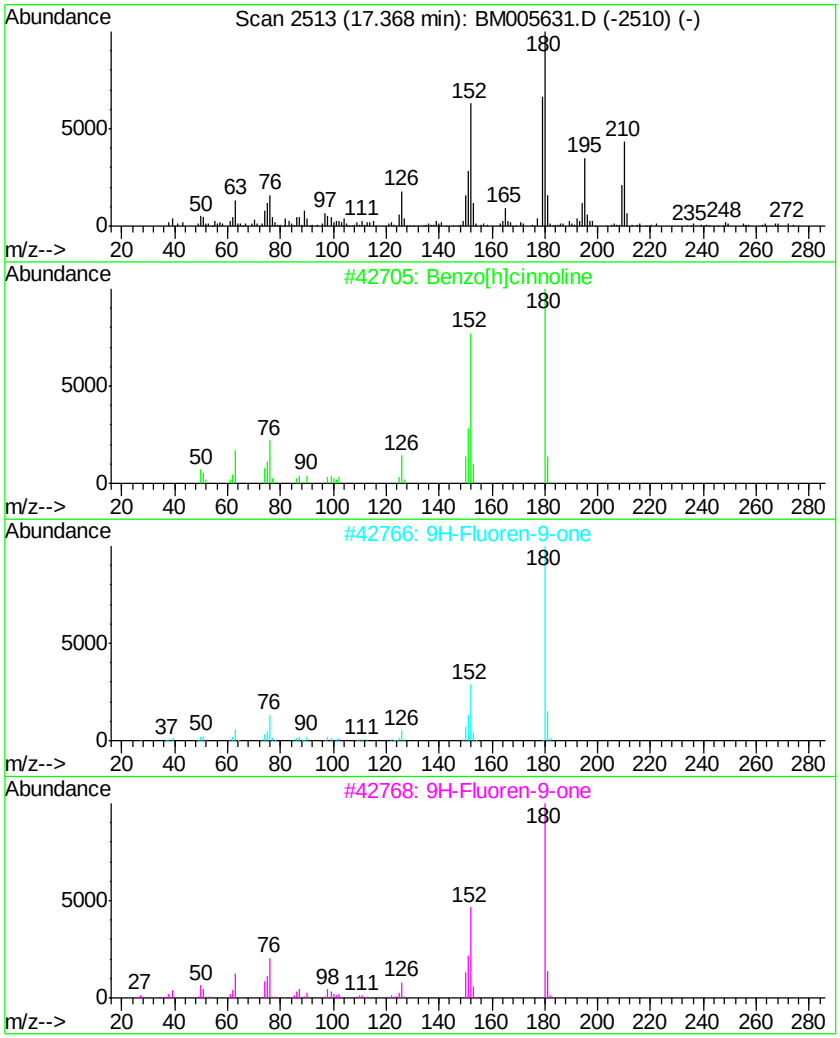
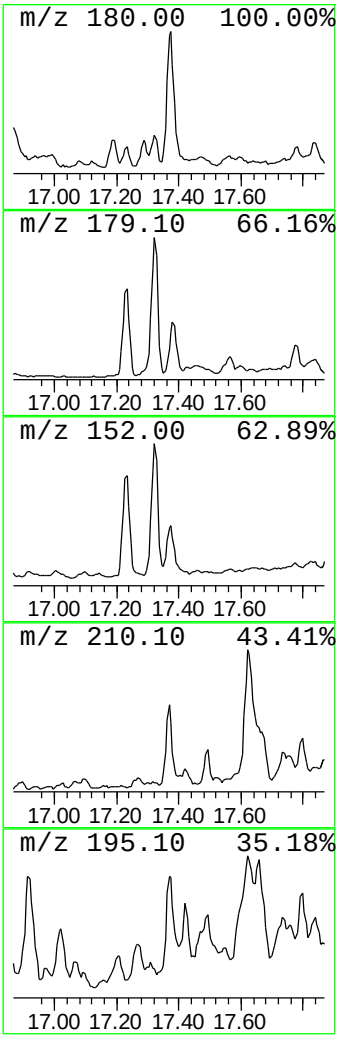
Peak Number 8 Benzo[h]cinnoline Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	3.90 ng/ul	491540	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
5	Biphenylene	152	C12H8	000259-79-0	53





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Data File : BM005631.D
Acq On : 24 May 2016 04:54
Operator : UM/SJ
Sample : H3086-03RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF4RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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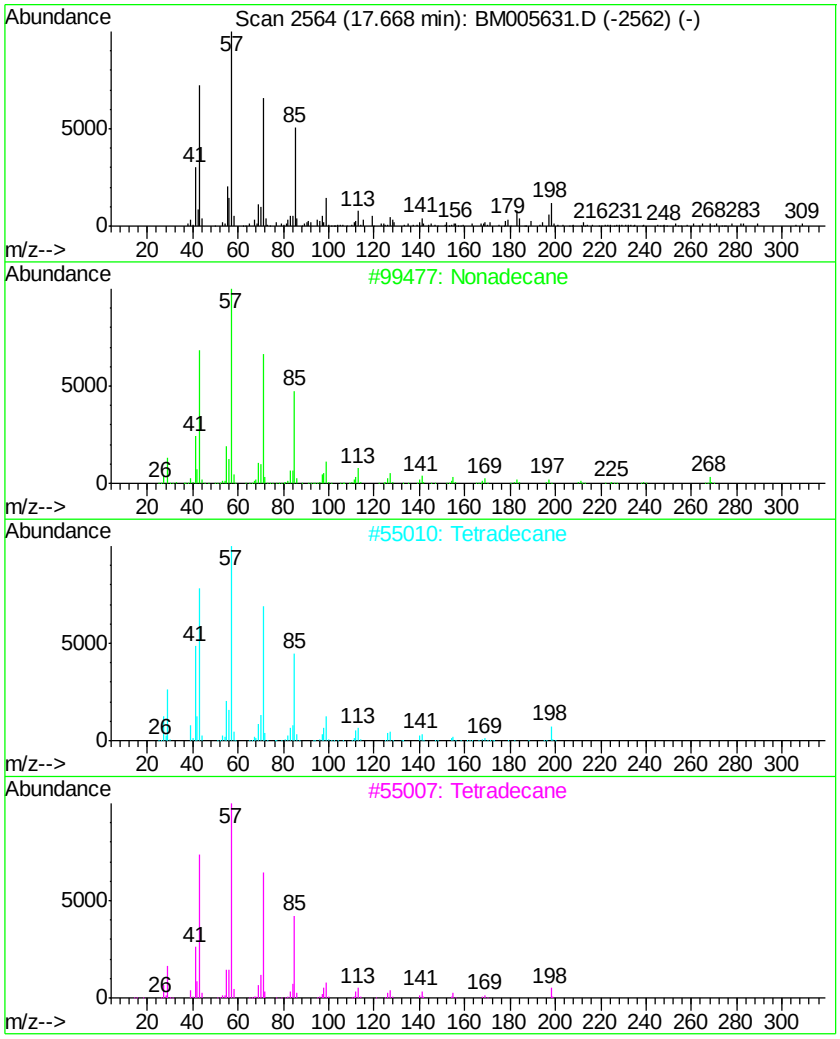
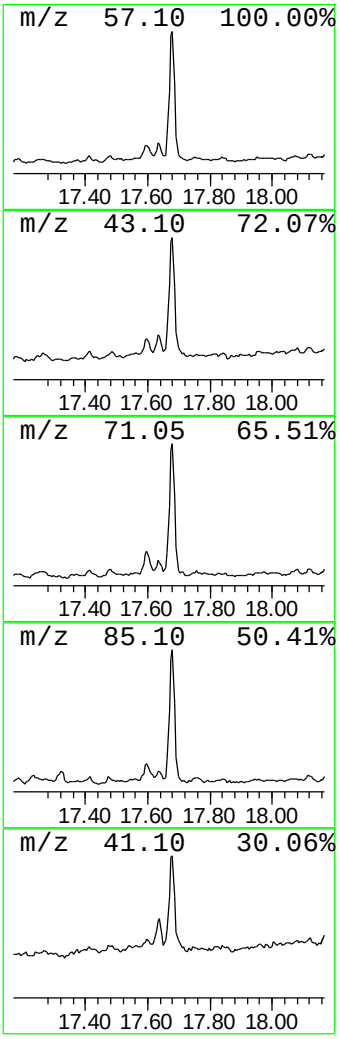
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	2.43 ng/ul	307115	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Tetradecane	198	C14H30	000629-59-4	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	83





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Operator : UM/SJ
Sample : H3086-03RE
Misc :
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Instrument : BNA_M
ClientSampleId : JHGF4RE

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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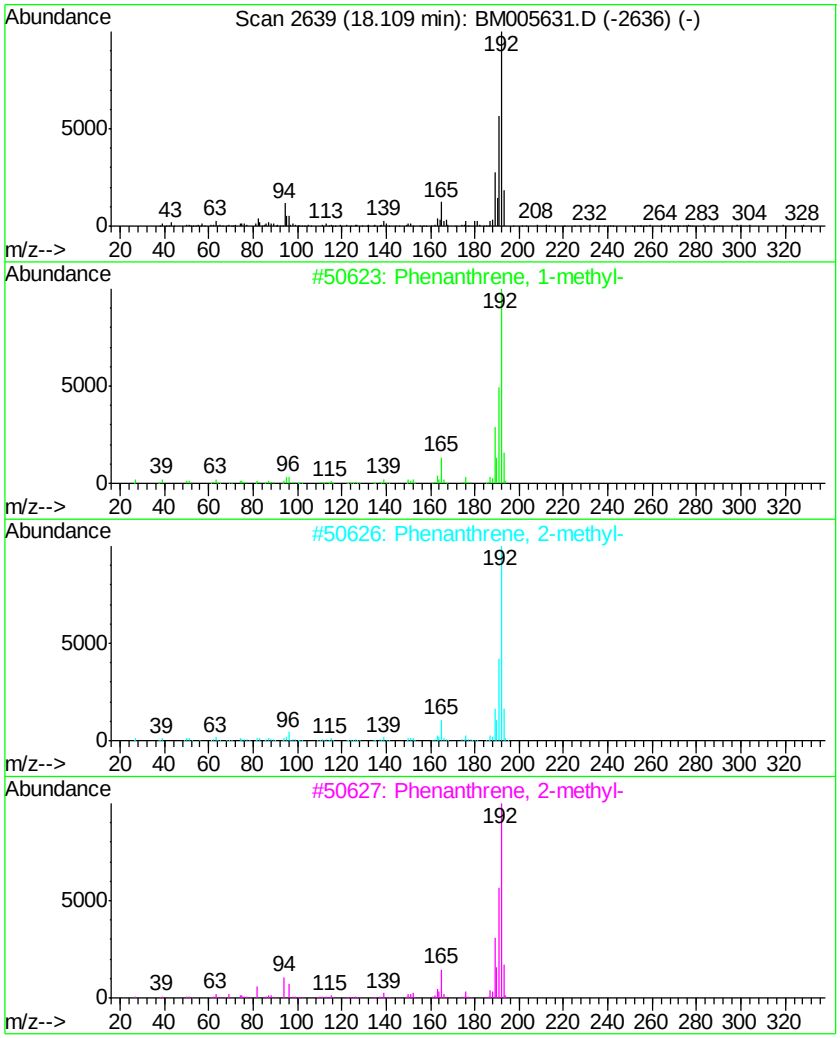
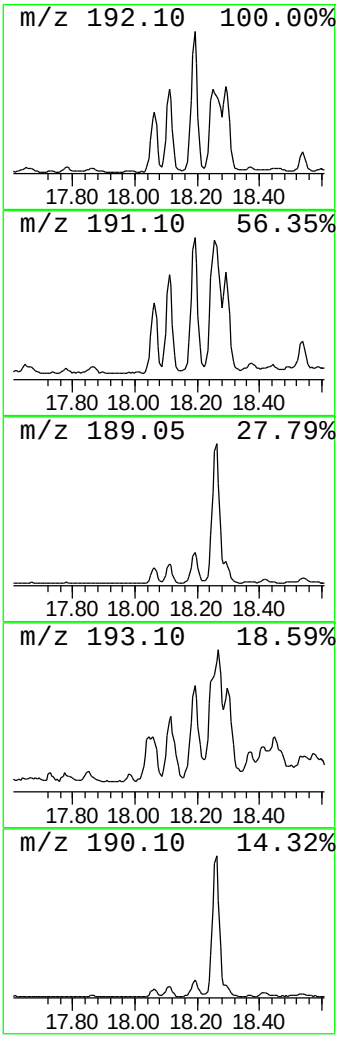
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	3.31 ng/ul	417516	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Instrument : BNA_M
ClientSampleId : JHGF4RE

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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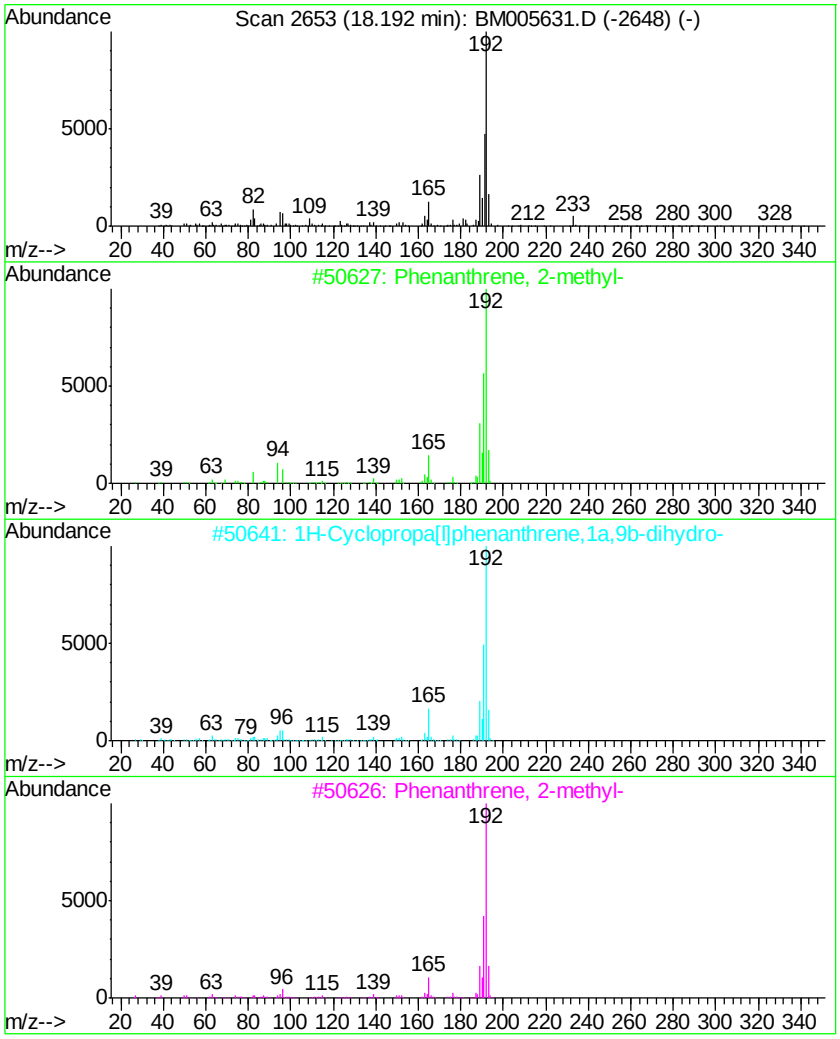
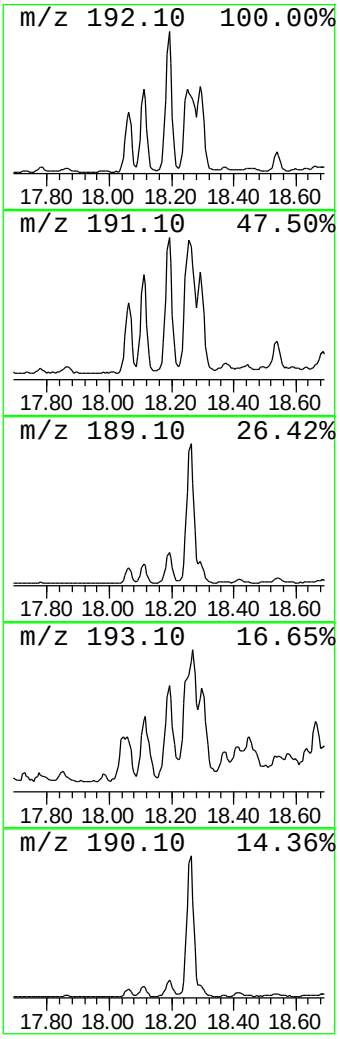
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	6.00 ng/ul	757364	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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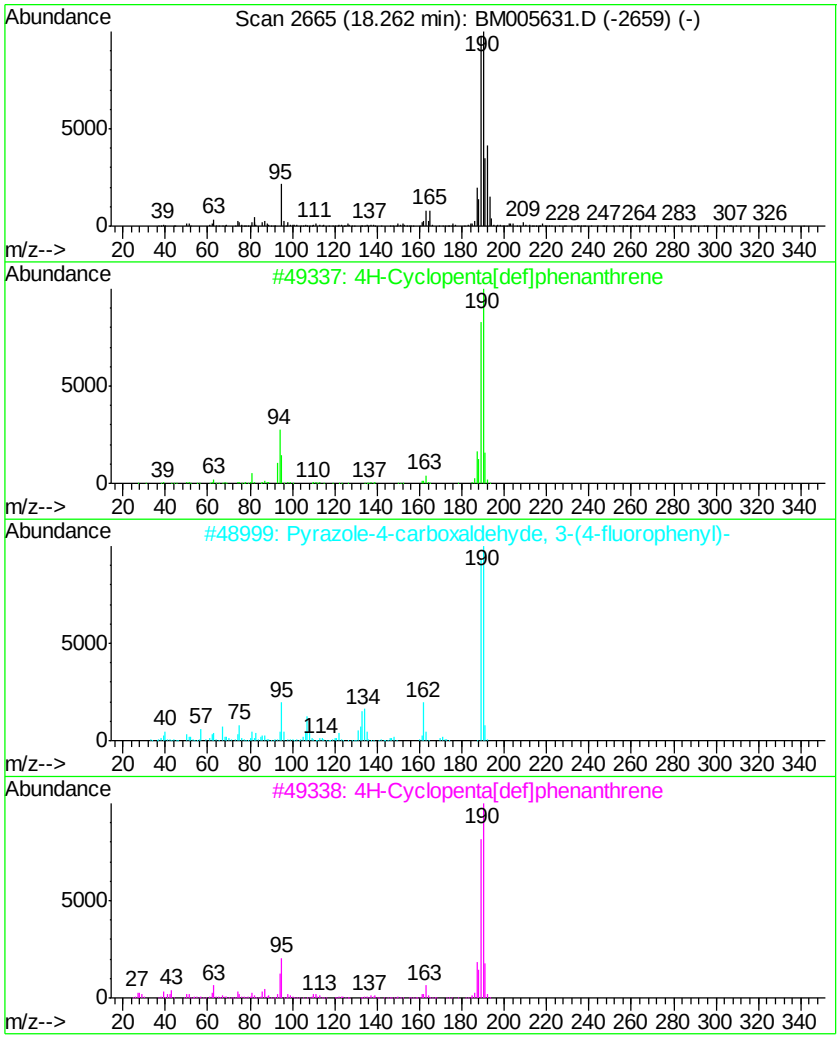
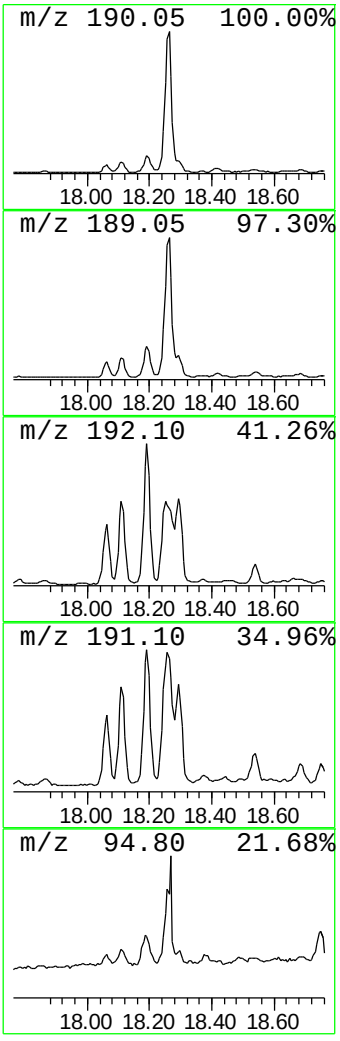
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	10.62 ng/ul	1339850	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	49
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	41
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17





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ClientSampleId : JHGF4RE

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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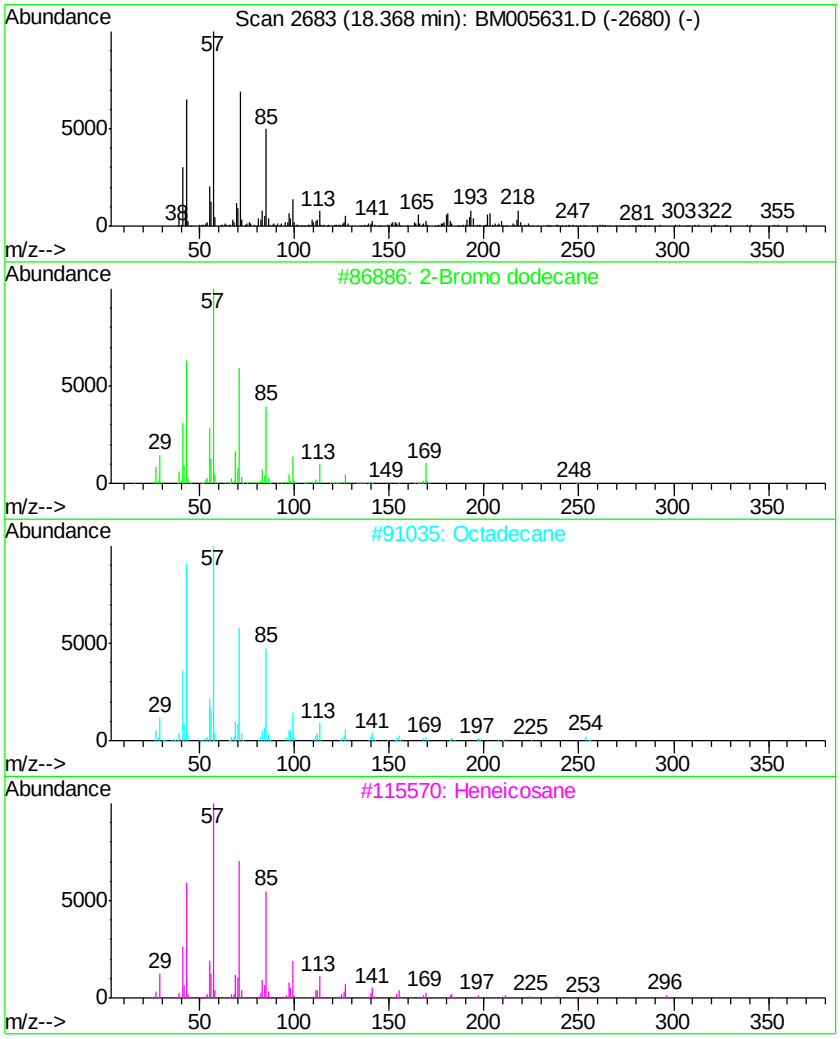
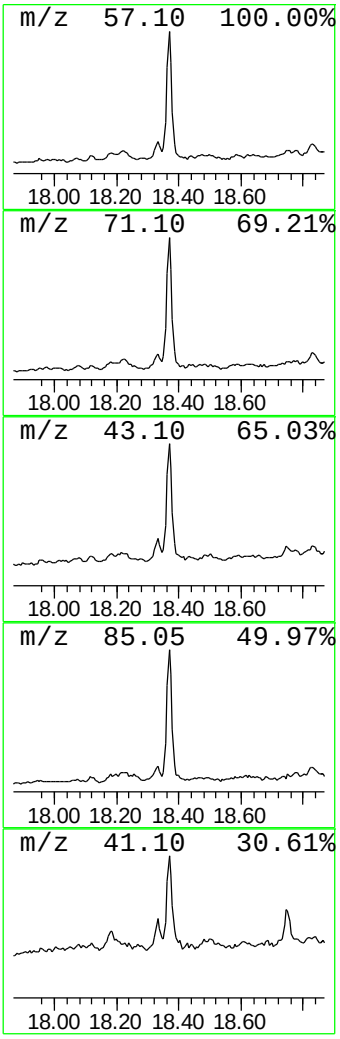
Peak Number 13 2-Bromo dodecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	3.53 ng/ul	444906	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2	Octadecane	254	C18H38	000593-45-3	74
3	Heneicosane	296	C21H44	000629-94-7	74
4	Tetracosane	338	C24H50	000646-31-1	74
5	Nonadecane	268	C19H40	000629-92-5	74





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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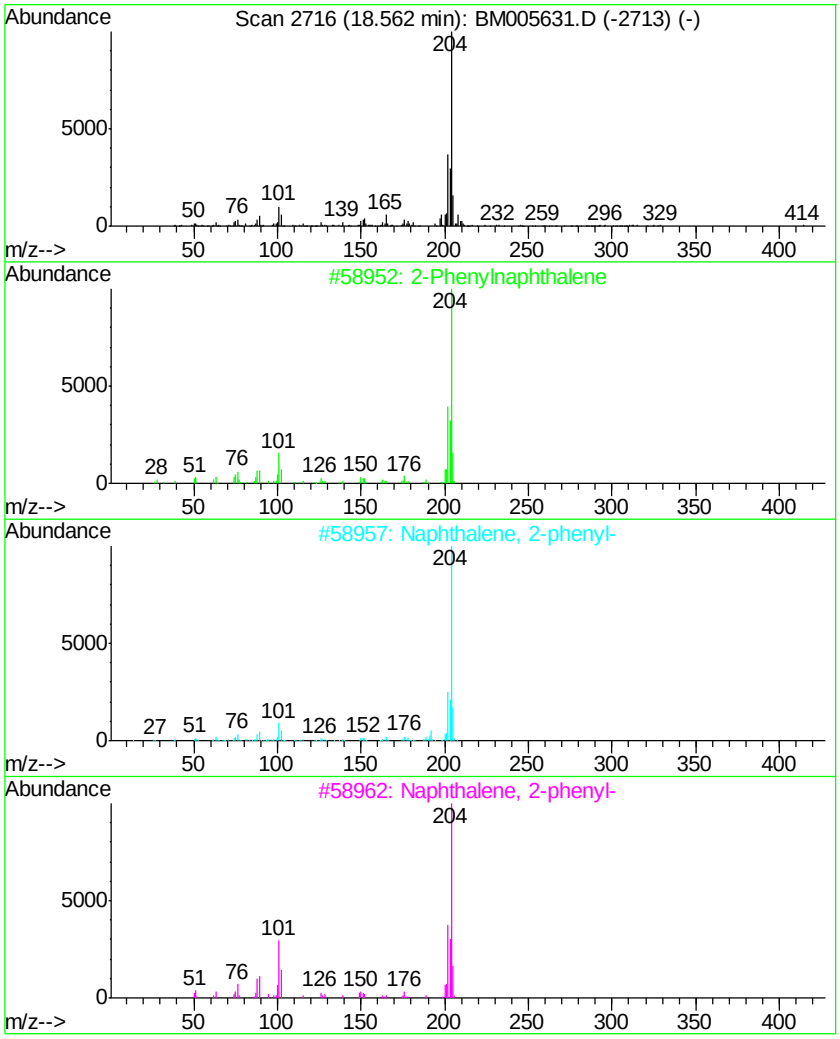
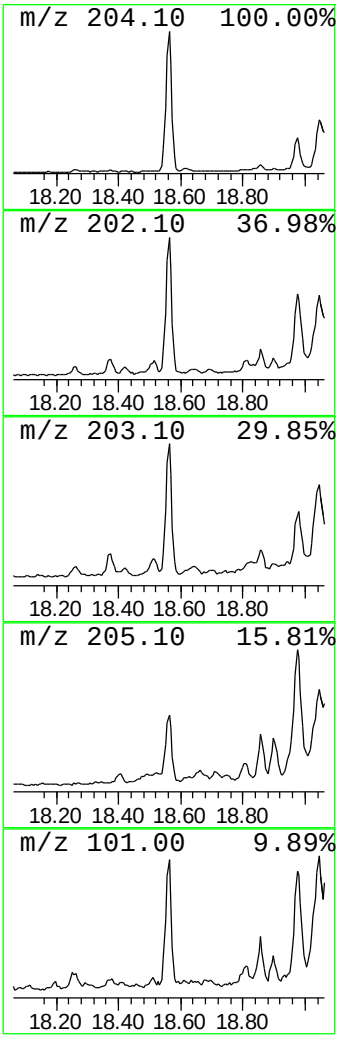
Peak Number 14 2-Phenylnaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	2.75 ng/ul	346455	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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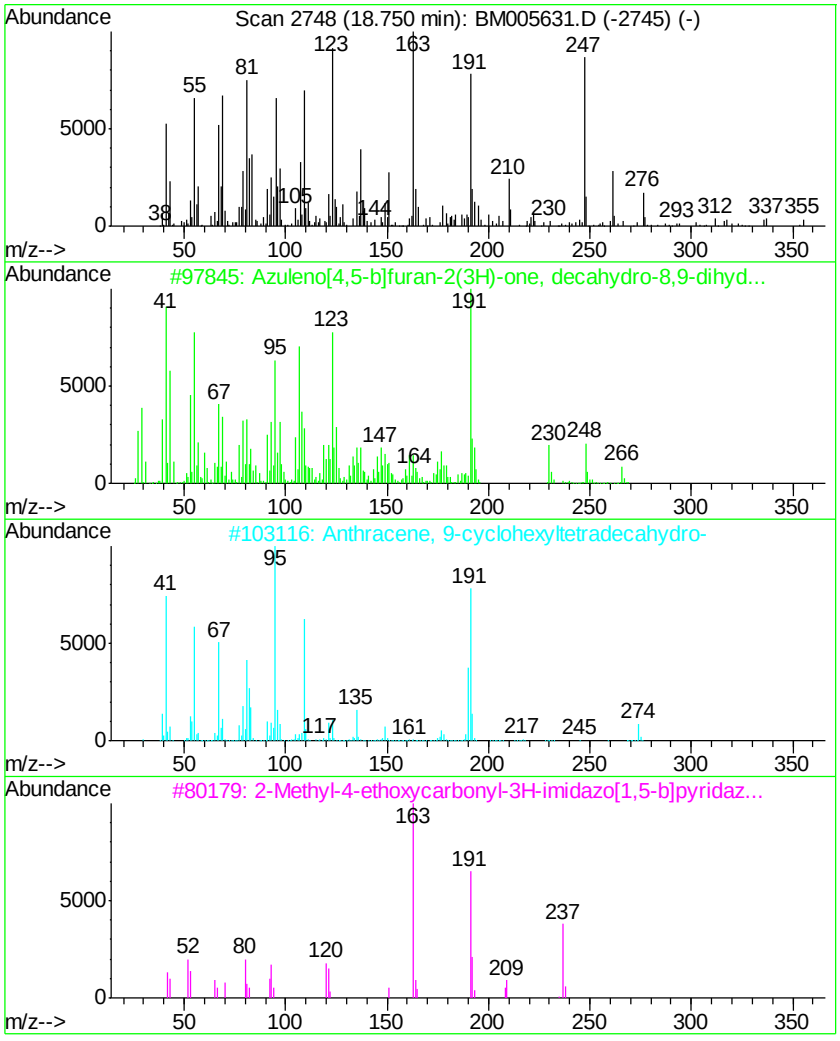
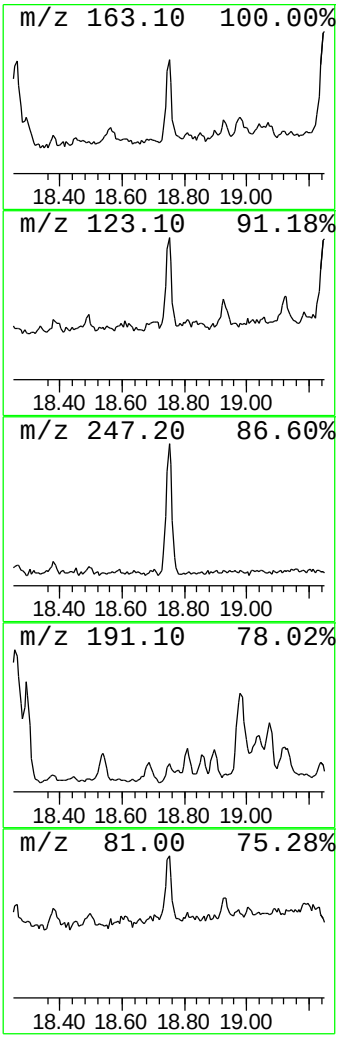
Peak Number 15 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	2.24 ng/ul	283141	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azuleno[4,5-b]furan-2(3H)-one, d...	266	C15H22O4	005090-67-5	38
2	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	18
3	2-Methyl-4-ethoxycarbonyl-3H-imi...	237	C10H11N3O4	074949-78-3	12
4	Cyclohexane, 3,3,5,5-tetramethyl...	276	C20H36	1000157-88-6	11
5	3-Methyl-3H-naphth[1,2-e]indol-1...	247	C17H13NO	098033-21-7	11





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Misc :
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Instrument : BNA_M
ClientSampleId : JHGF4RE

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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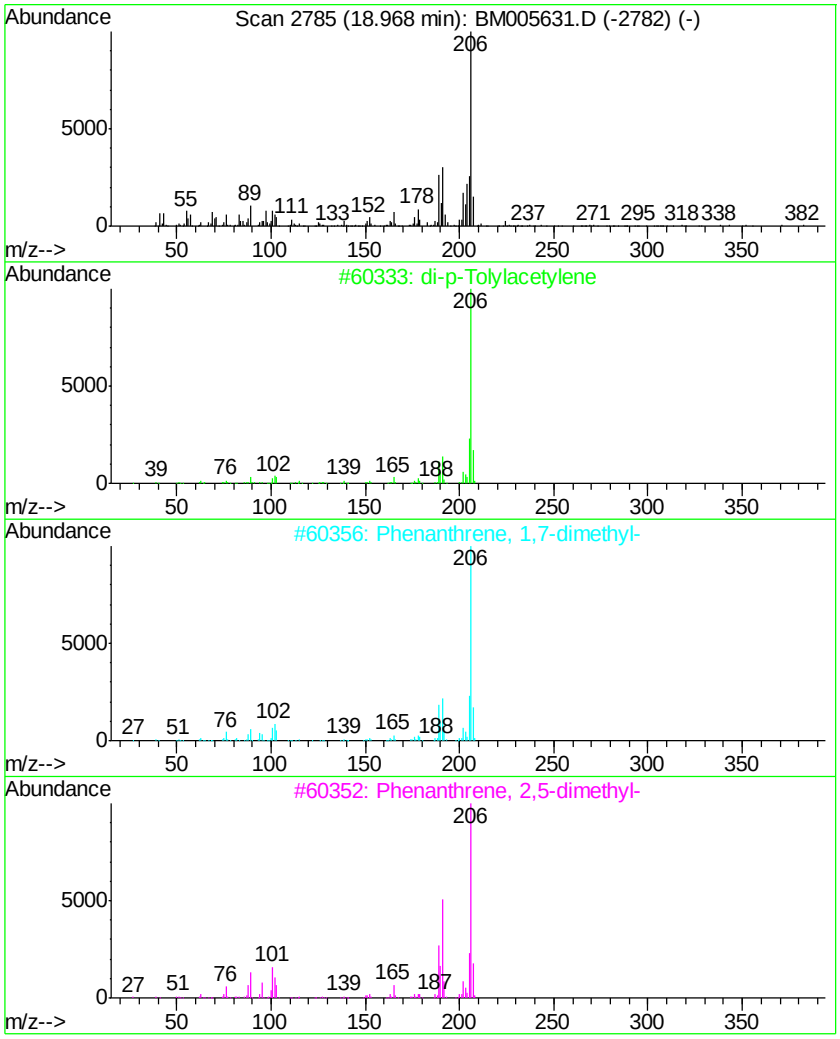
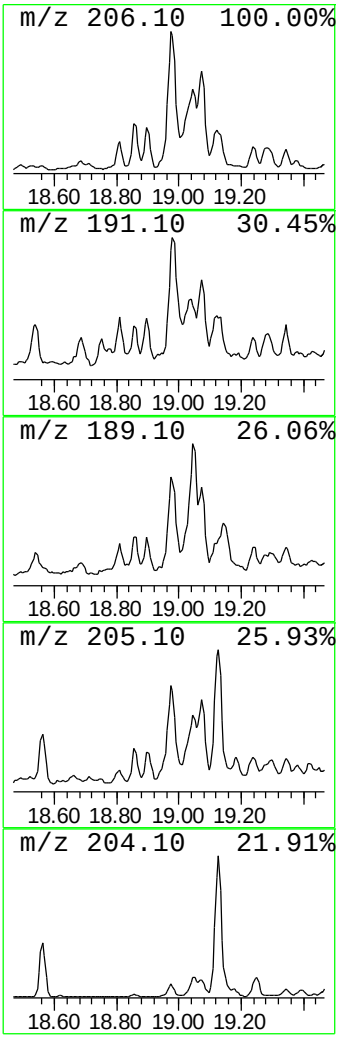
Peak Number 16 di-p-Tolylacetylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	5.67 ng/ul	714994	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89





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Misc :
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Instrument : BNA_M
ClientSampleId : JHGF4RE

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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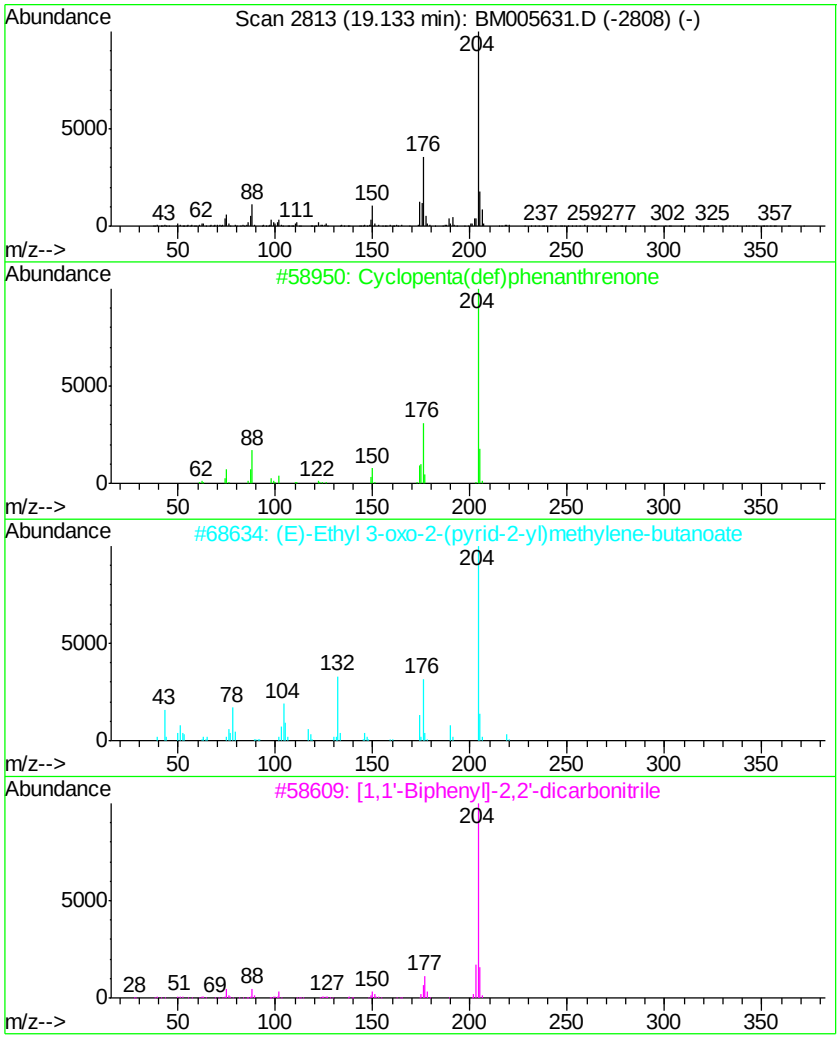
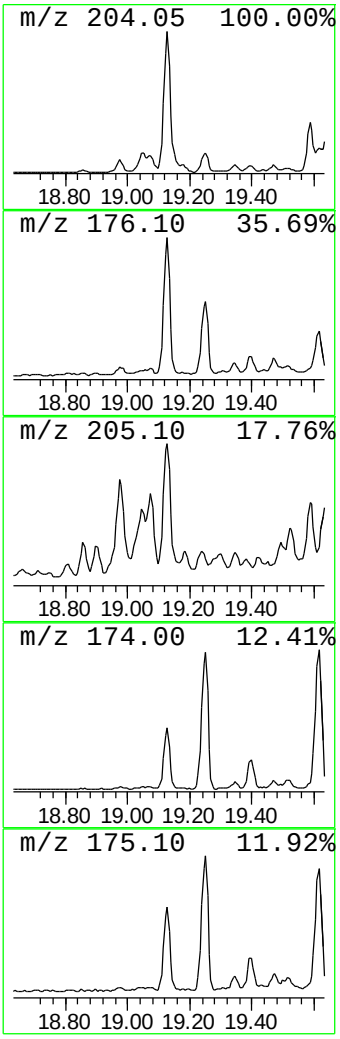
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	8.02 ng/ul	1011750	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	50
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
4	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	45
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	42





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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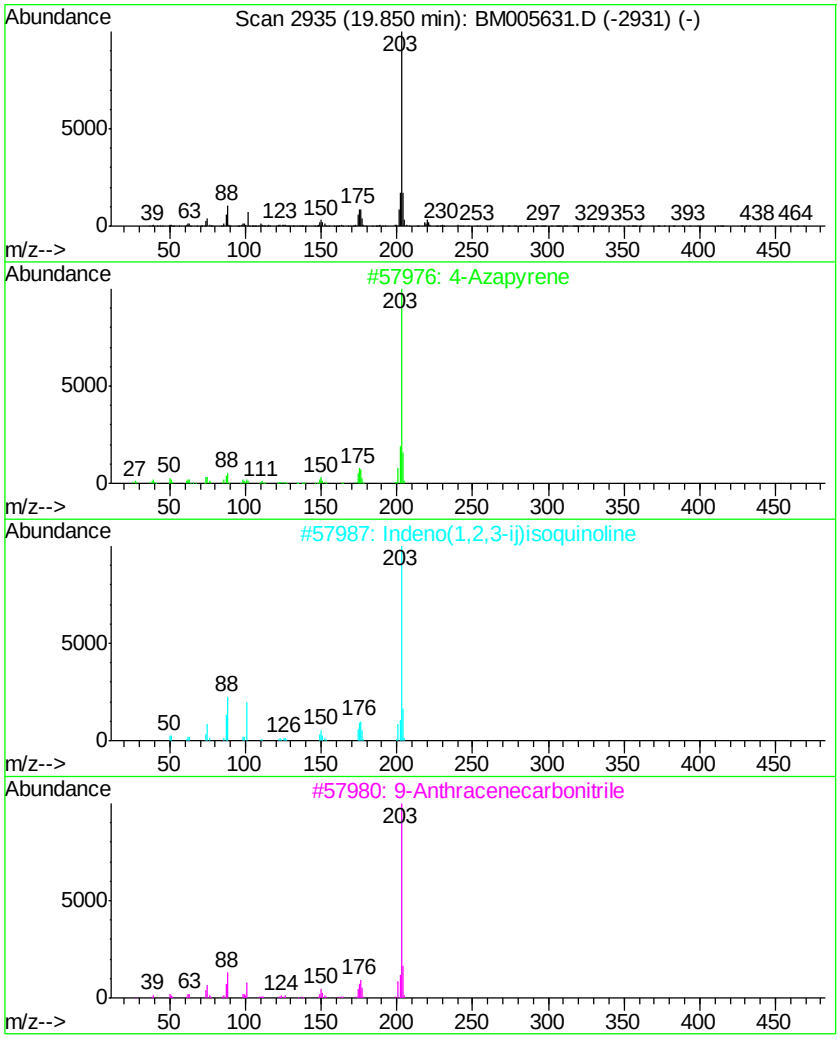
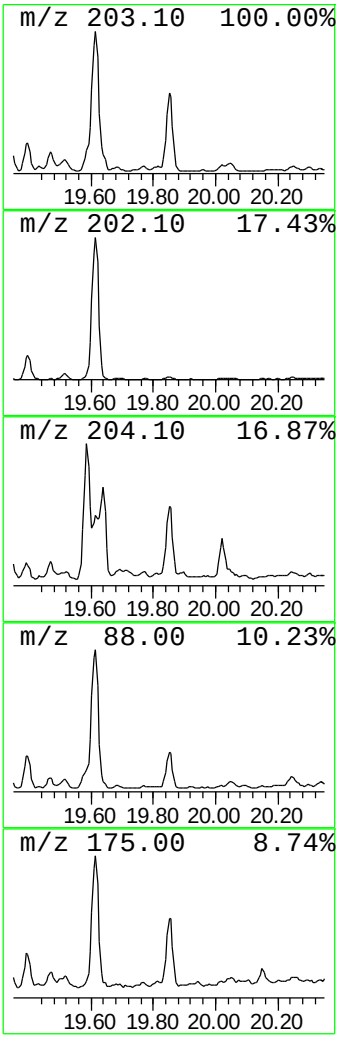
Peak Number 19 4-Azapyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.85	2.43 ng/ul	956236	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Azapyrene	203	C15H9N	000194-03-6	95
2	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	95
3	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	94
4	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	94
5	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	93





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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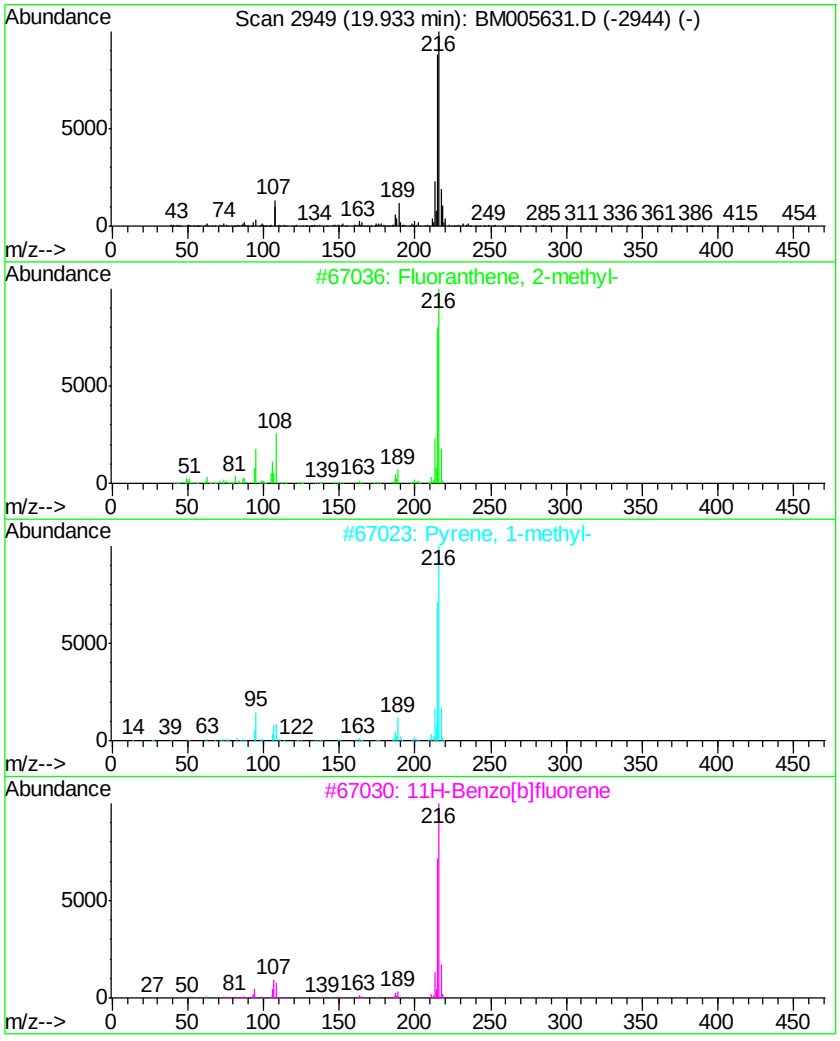
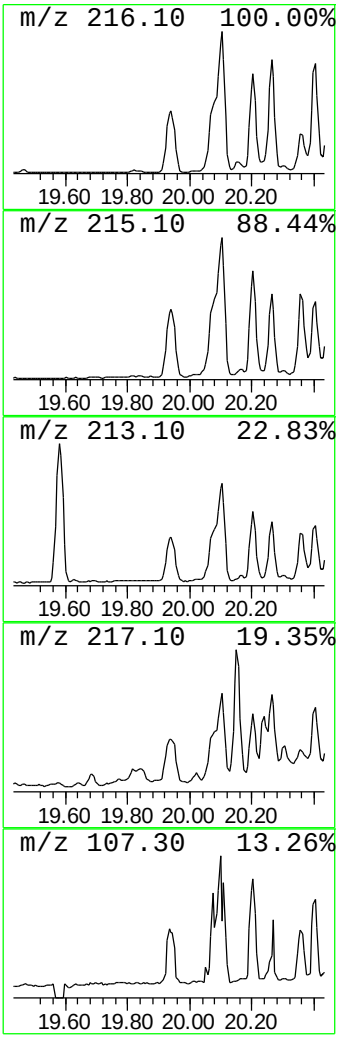
Peak Number 20 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	3.38 ng/ul	1327700	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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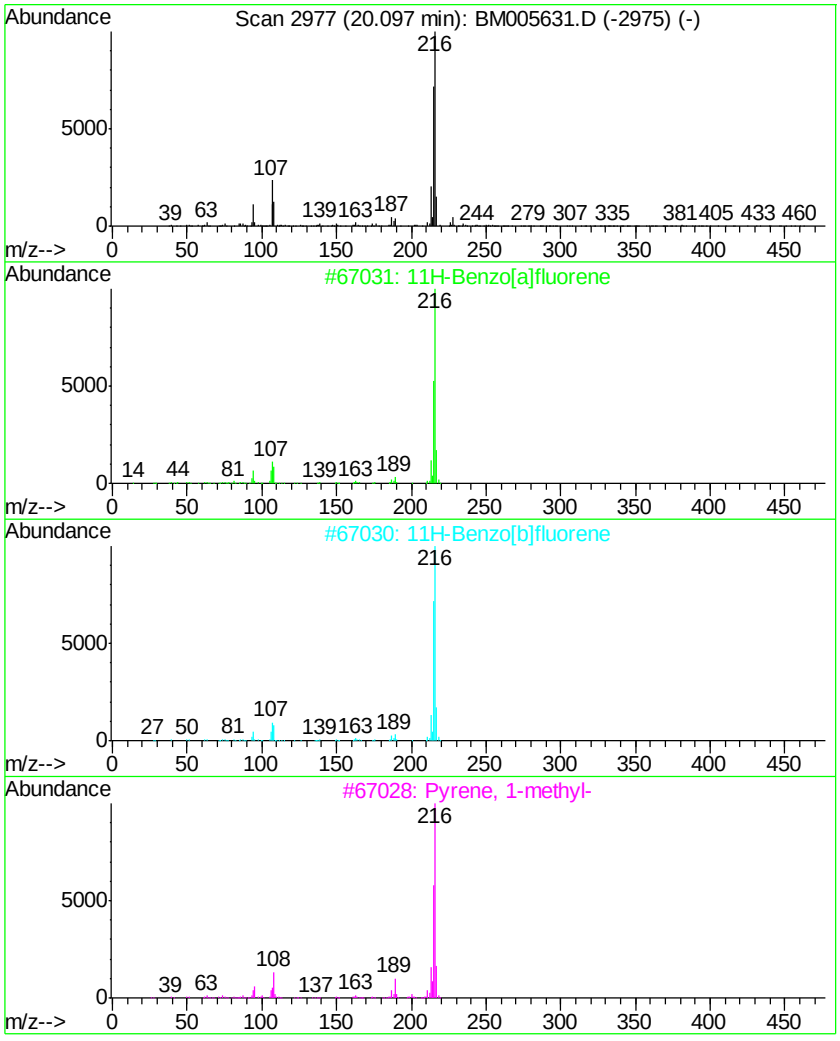
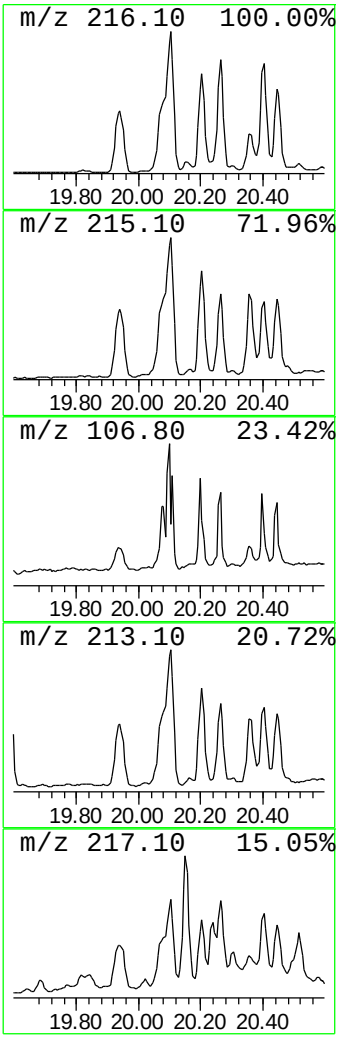
Peak Number 21 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	4.35 ng/ul	1707670	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68





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Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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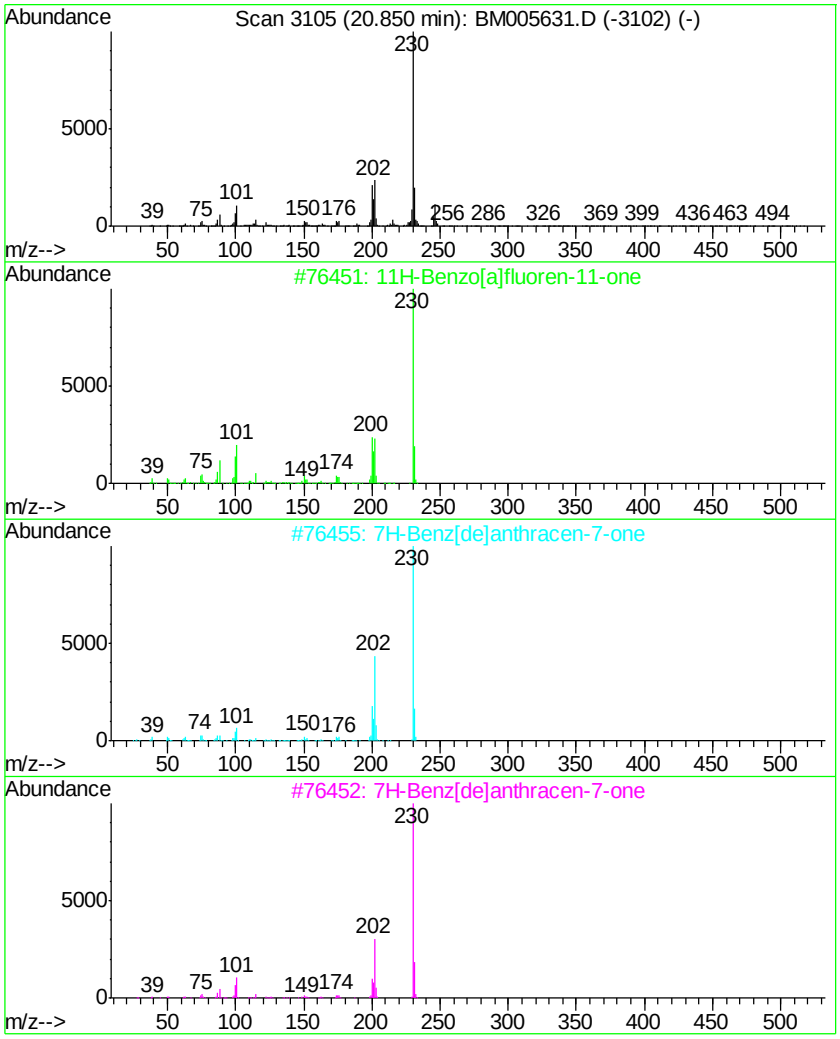
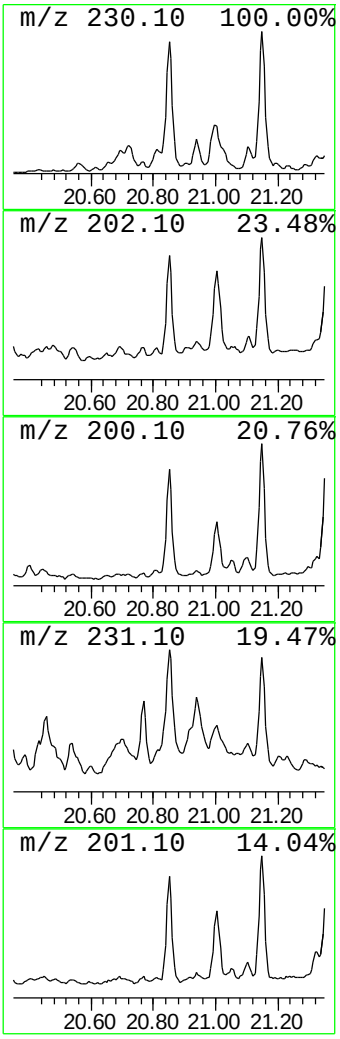
Peak Number 22 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	2.93 ng/ul	1150790	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005631.D
Acq On : 24 May 2016 04:54
Operator : UM/SJ
Sample : H3086-03RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF4RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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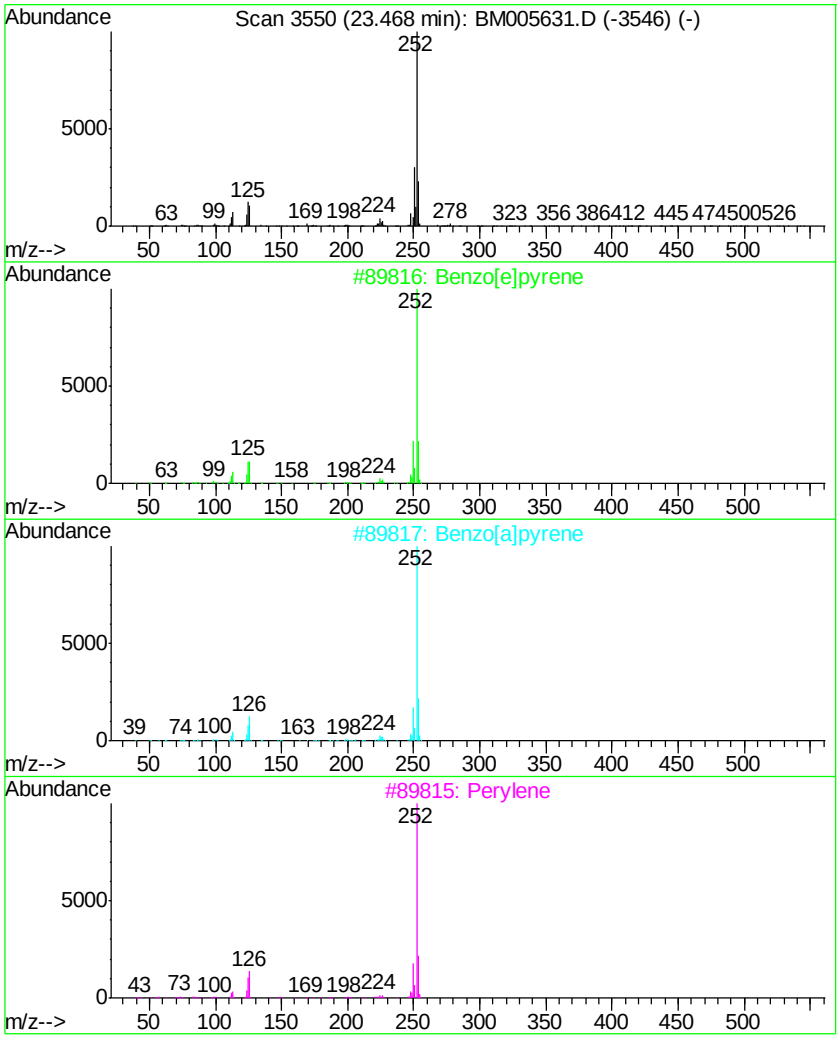
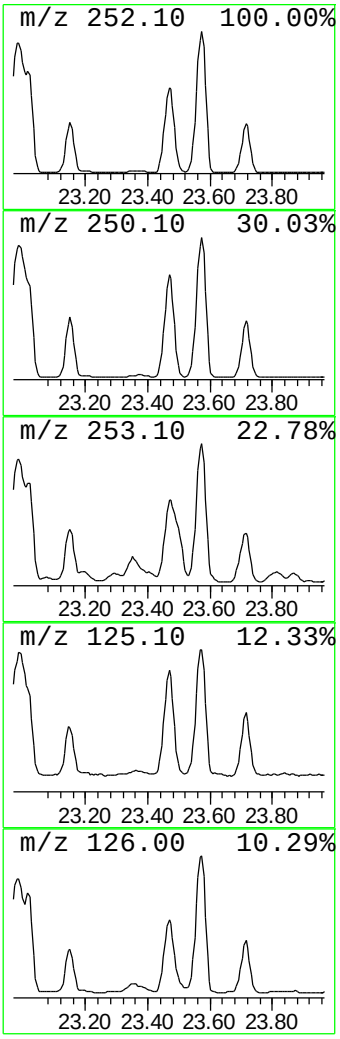
Peak Number 23 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.47	7.65 ng/ul	2632870	Perylene-d12	23.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005631.D
Acq On : 24 May 2016 04:54
Operator : UM/SJ
Sample : H3086-03RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF4RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-propynyl-	8.34	5.5	ng/ul	430507	1	7.80	1558970	20.0
(DEL) Alkane: Str...	13.26	2.1	ng/ul	262073	3	14.44	2439490	20.0
(DEL) Alkane: Str...	14.33	3.2	ng/ul	393062	3	14.44	2439490	20.0
Azulene, 4,6,8-tr...	15.23	2.1	ng/ul	261966	3	14.44	2439490	20.0
(DEL) Alkane: Str...	16.17	13.3	ng/ul	1681010	4	17.19	2523720	20.0
Benzo[h]cinnoline	17.37	3.9	ng/ul	491540	4	17.19	2523720	20.0
(DEL) Alkane: Str...	17.67	2.4	ng/ul	307115	4	17.19	2523720	20.0
Phenanthrene, 1-m...	18.11	3.3	ng/ul	417516	4	17.19	2523720	20.0
Phenanthrene, 2-m...	18.19	6.0	ng/ul	757364	4	17.19	2523720	20.0
4H-Cyclopenta[def...	18.26	10.6	ng/ul	1339850	4	17.19	2523720	20.0
2-Bromo dodecane	18.37	3.5	ng/ul	444906	4	17.19	2523720	20.0
2-Phenylnaphthalene	18.56	2.8	ng/ul	346455	4	17.19	2523720	20.0
unknown-01	18.75	2.2	ng/ul	283141	4	17.19	2523720	20.0
di-p-Tolylacetylene	18.97	5.7	ng/ul	714994	4	17.19	2523720	20.0
Cyclopenta(def)ph...	19.13	8.0	ng/ul	1011750	4	17.19	2523720	20.0
4-Azapyrene	19.85	2.4	ng/ul	956236	5	21.37	7859750	20.0
Fluoranthene, 2-m...	19.93	3.4	ng/ul	1327700	5	21.37	7859750	20.0
11H-Benzo[a]fluorene	20.10	4.3	ng/ul	1707670	5	21.37	7859750	20.0
11H-Benzo[a]fluor...	20.85	2.9	ng/ul	1150790	5	21.37	7859750	20.0
Benzo[e]pyrene	23.47	7.7	ng/ul	2632870	6	23.67	6881890	20.0