LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010625.D
Acq On : 21 Jun 2017 16:27
Operator : SJ/JU
Sample : I3653-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C52

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-BM062017.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.645	633	639	647	rBB	70365	105820	3.71%	0.396%
2	6.816	662	668	674	rBB	51266	75570	2.65%	0.283%
3	7.004	692	700	708	rBB	68197	106773	3.75%	0.400%
4	7.463	773	778	785	rBV	117511	176944	6.21%	0.663%
5	8.169	891	898	906	rVB	90226	135353	4.75%	0.507%
6	8.604	967	972	980	rBV	70008	110449	3.87%	0.414%
7	9.322	1089	1094	1100	rVB	60345	91455	3.21%	0.343%
8	9.851	1178	1184	1191	rBB	104711	152602	5.35%	0.572%
9	10.228	1241	1248	1252	rBV	174880	284556	9.98%	1.066%
10	10.275	1252	1256	1263	rVV	328543	521467	18.29%	1.953%
11	10.369	1265	1272	1282	rBB3	33976	63957	2.24%	0.240%
12	11.898	1526	1532	1540	rVB	186396	286424	10.05%	1.073%
13	12.121	1561	1570	1577	rBB	93289	148869	5.22%	0.558%
14	12.939	1702	1709	1717	rBV	77790	117697	4.13%	0.441%
15	13.133	1736	1742	1751	rBV	35304	60599	2.13%	0.227%
16	13.268	1758	1765	1767	rBV3	58133	89847	3.15%	0.337%
17	13.433	1786	1793	1798	rBV	92556	151999	5.33%	0.569%
18	13.486	1798	1802	1806	rVV2	55004	77963	2.73%	0.292%
19	13.533	1806	1810	1815	rVV	225496	306490	10.75%	1.148%
20	13.580	1815	1818	1823	rVB	56258	73862	2.59%	0.277%
21	13.668	1828	1833	1837	rBV2	44008	60210	2.11%	0.226%
22	13.804	1849	1856	1868	rBV	221210	351520	12.33%	1.317%
23	14.115	1901	1909	1915	rBV3	286693	481109	16.88%	1.802%
24	14.180	1915	1920	1925	rBV	427628	607190	21.30%	2.275%
25	14.321	1939	1944	1955	rBV3	105554	163510	5.74%	0.613%
26	14.515	1969	1977	1986	rBV	370044	546990	19.19%	2.049%
27	14.604	1986	1992	1999	rBV2	26885	39136	1.37%	0.147%
28	14.798	2020	2025	2030	rVB	25685	32826	1.15%	0.123%
29	15.115	2073	2079	2084	rBV	309084	425452	14.92%	1.594%
30	15.174	2084	2089	2094	rVB	414571	567367	19.90%	2.125%
31	15.239	2094	2100	2104	rBV2	92764	130657	4.58%	0.489%
32	15.298	2107	2110	2113	rVV	27794	36314	1.27%	0.136%
33	15.333	2113	2116	2122	rVB2	49383	68068	2.39%	0.255%
34	15.421	2128	2131	2135	rVB	29756	38378	1.35%	0.144%

LSC Area Percent Report

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Data File : BM010625.D
Acq On : 21 Jun 2017 16:27
Operator : SJ/JU
Sample : I3653-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C52

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-BM062017.M
Title : SVOA CALIBRATION

35	15.468	2135	2139	2149	rVB	101222	141652	4.97%	0.531%
36	15.615	2157	2164	2173	rVB2	102642	205815	7.22%	0.771%
37	15.710	2173	2180	2186	rBB4	19436	32838	1.15%	0.123%
38	16.180	2249	2260	2265	rBV4	51294	124006	4.35%	0.465%
39	16.227	2265	2268	2274	rVB3	27092	34962	1.23%	0.131%
40	16.327	2280	2285	2291	rVB5	18567	32843	1.15%	0.123%
41	16.451	2303	2306	2310	rVB2	32451	37599	1.32%	0.141%
42	16.527	2315	2319	2327	rVB5	22640	42664	1.50%	0.160%
43	16.609	2327	2333	2339	rBV4	40319	88454	3.10%	0.331%
44	16.686	2339	2346	2351	rVB	121458	173557	6.09%	0.650%
45	16.868	2372	2377	2380	rBV	390549	561569	19.70%	2.104%
46	16.915	2380	2385	2390	rVV	2095805	2850694	100.00%	10.679%
47	16.968	2390	2394	2397	rVV	386370	534030	18.73%	2.001%
48	17.004	2397	2400	2407	rVV	302602	390457	13.70%	1.463%
49	17.274	2442	2446	2451	rBV	78307	106559	3.74%	0.399%
50	17.321	2451	2454	2463	rVV4	15039	31846	1.12%	0.119%
51	17.398	2463	2467	2471	rVV	31024	36784	1.29%	0.138%
52	17.745	2521	2526	2530	rBV	161734	214842	7.54%	0.805%
53	17.792	2530	2534	2541	rVB	236358	335506	11.77%	1.257%
54	17.874	2543	2548	2553	rBV	86270	119116	4.18%	0.446%
55	17.939	2553	2559	2563	rVV2	218554	361517	12.68%	1.354%
56	17.980	2563	2566	2571	rVB	86149	103529	3.63%	0.388%
57	18.256	2608	2613	2617	rBV	123378	157796	5.54%	0.591%
58	18.509	2646	2656	2661	rBV2	26342	49983	1.75%	0.187%
59	18.680	2679	2685	2690	rBV2	55825	96840	3.40%	0.363%
60	18.745	2690	2696	2699	rBV3	36095	56718	1.99%	0.212%
61	18.945	2724	2730	2737	rVB	1655420	2151356	75.47%	8.059%
62	19.092	2752	2755	2759	rVB4	32896	37998	1.33%	0.142%
63	19.186	2767	2771	2777	rVB2	44071	58292	2.04%	0.218%
64	19.280	2781	2787	2789	rVV3	778009	1114788	39.11%	4.176%
65	19.309	2789	2792	2800	rVV	1077353	1411881	49.53%	5.289%
66	19.380	2800	2804	2814	rVB2	56245	94137	3.30%	0.353%
67	19.492	2818	2823	2829	rBV	70952	94661	3.32%	0.355%
68	19.650	2838	2850	2855	rBV3	85813	226330	7.94%	0.848%
69	19.697	2855	2858	2861	rVV3	46772	55462	1.95%	0.208%
70	19.750	2861	2867	2868	rVV2	29198	50083	1.76%	0.188%
71	19.774	2868	2871	2873	rVV4	64785	95479	3.35%	0.358%

LSC Area Percent Report

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Acq On : 21 Jun 2017 16:27
Operator : SJ/JU
Sample : I3653-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C52

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-BM062017.M
Title : SVOA CALIBRATION

72	19.809	2873	2877	2883	rVB	200847	291992	10.24%	1.094%
73	19.915	2890	2895	2899	rBV	186447	226580	7.95%	0.849%
74	19.968	2899	2904	2908	rBV2	106910	169352	5.94%	0.634%
75	20.009	2908	2911	2914	rVV3	44882	55429	1.94%	0.208%
76	20.050	2915	2918	2923	rVV5	26700	38920	1.37%	0.146%
77	20.109	2923	2928	2932	rVV2	45500	61326	2.15%	0.230%
78	20.156	2932	2936	2945	rVB3	54222	106501	3.74%	0.399%
79	20.403	2974	2978	2982	rVV6	33883	59442	2.09%	0.223%
80	20.527	2994	2999	3003	rBV6	31817	59207	2.08%	0.222%
81	20.727	3029	3033	3037	rBV	96268	115882	4.07%	0.434%
82	20.768	3037	3040	3043	rBV	79062	100234	3.52%	0.375%
83	20.974	3069	3075	3079	rBV2	33629	59187	2.08%	0.222%
84	21.080	3086	3093	3097	rBV2	941131	1822425	63.93%	6.827%
85	21.121	3097	3100	3107	rVB	440107	547394	19.20%	2.051%
86	21.239	3116	3120	3123	rBV	91569	117611	4.13%	0.441%
87	21.391	3142	3146	3151	rBV2	64951	115769	4.06%	0.434%
88	21.533	3167	3170	3173	rBV4	25451	33550	1.18%	0.126%
89	21.621	3180	3185	3189	rBV	82077	119848	4.20%	0.449%
90	21.674	3191	3194	3198	rVB2	36390	45381	1.59%	0.170%
91	21.809	3214	3217	3219	rBV4	46814	61185	2.15%	0.229%
92	21.839	3220	3222	3229	rVB4	60877	89074	3.12%	0.334%
93	21.903	3229	3233	3240	rBV8	27472	57359	2.01%	0.215%
94	22.591	3344	3350	3355	rBV	297960	662158	23.23%	2.480%
95	22.750	3373	3377	3382	rVB3	45475	71225	2.50%	0.267%
96	23.044	3422	3427	3430	rBV	146997	240695	8.44%	0.902%
97	23.091	3430	3435	3439	rVV	488866	849021	29.78%	3.180%
98	23.133	3439	3442	3451	rVB	243231	400807	14.06%	1.501%
99	23.227	3452	3458	3464	rBV	508424	883260	30.98%	3.309%
100	25.332	3811	3816	3825	rVB2	90513	233893	8.20%	0.876%

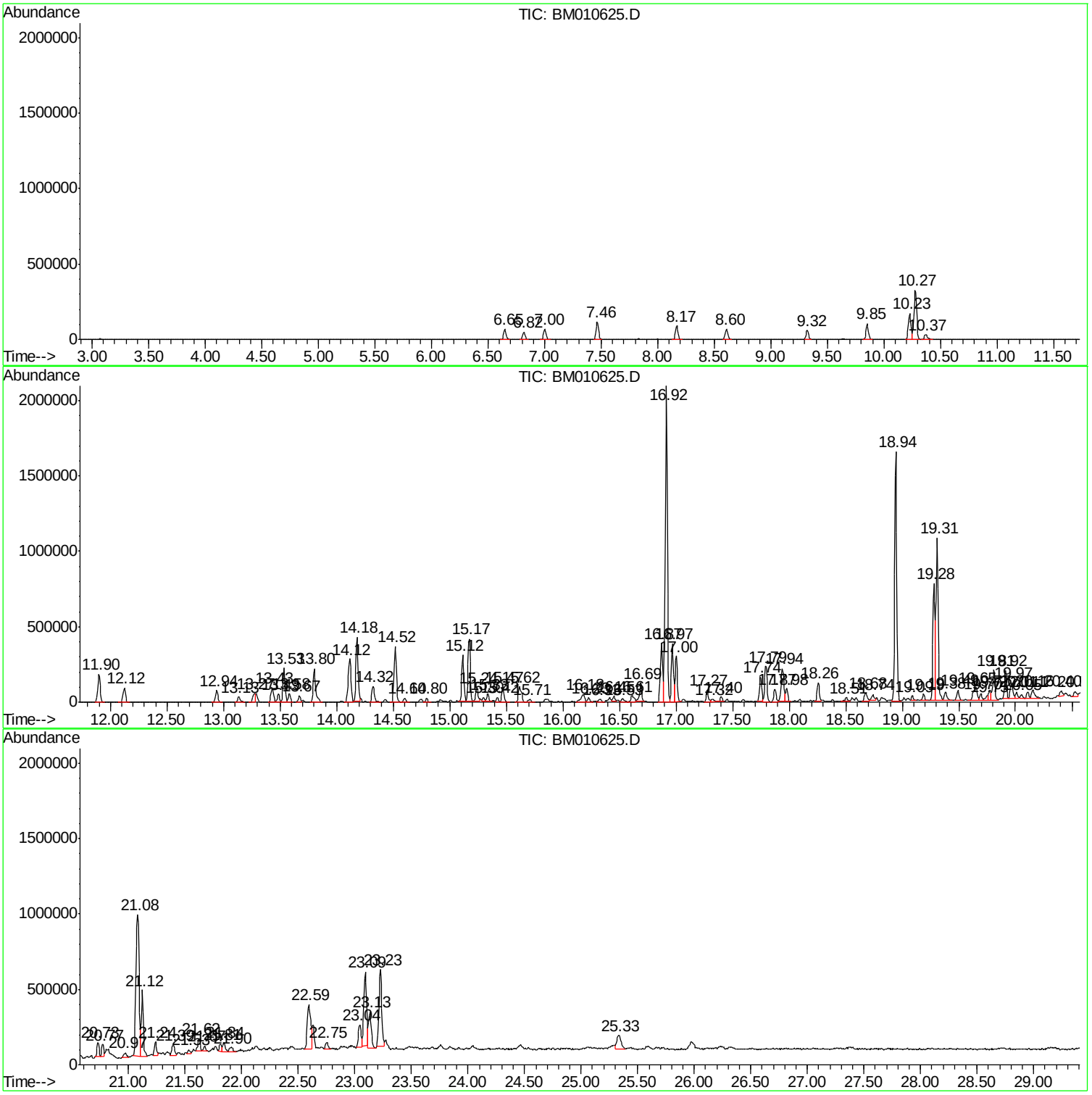
Sum of corrected areas: 26694773

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010625.D
Acq On : 21 Jun 2017 16:27
Operator : SJ/JU
Sample : I3653-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5C52

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
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Sample : I3653-09
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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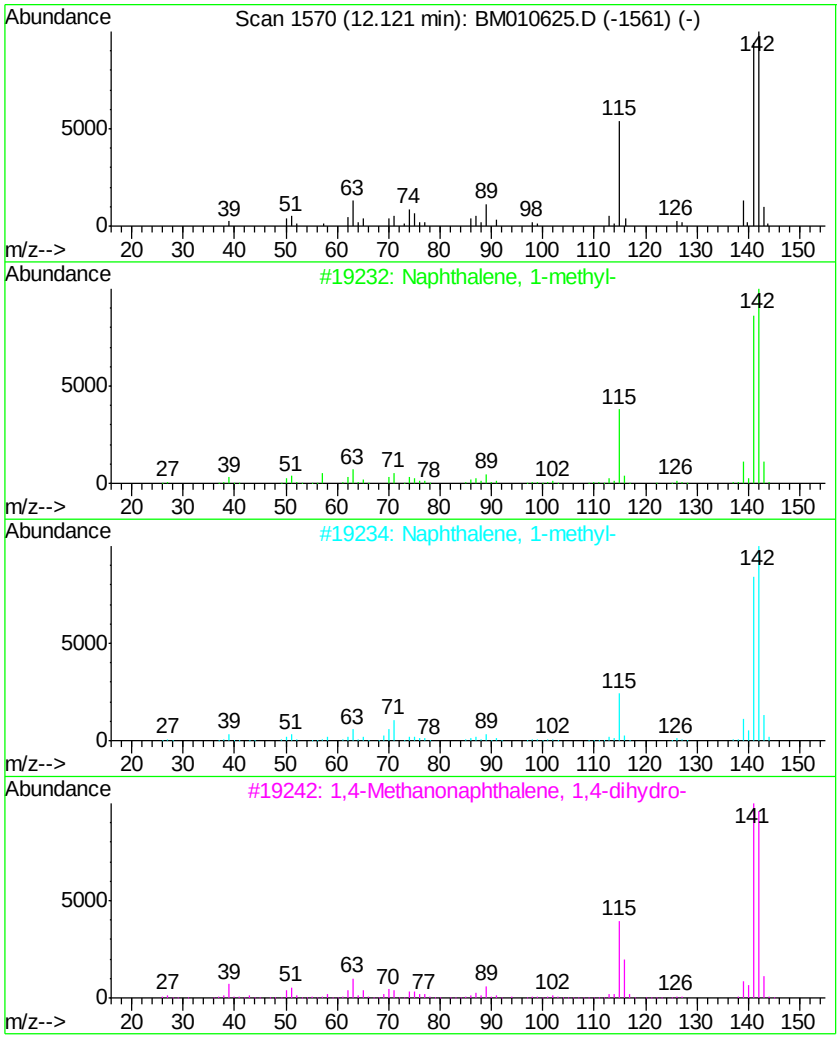
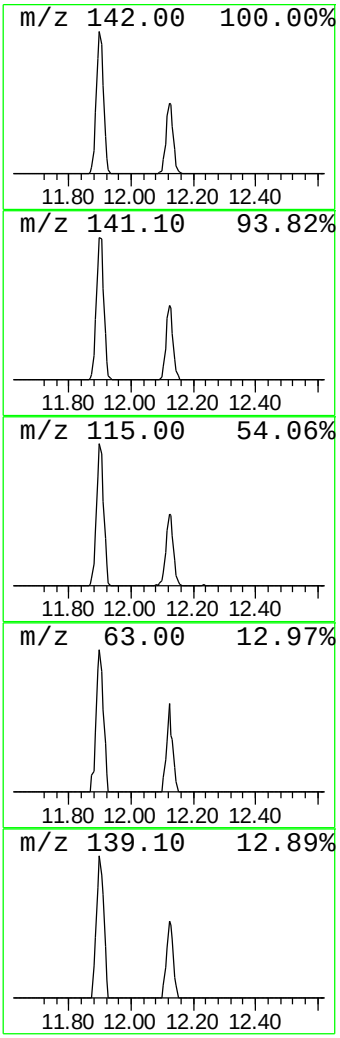
Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	10.46 ng/ul	148869	Naphthalene-d8	10.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010625.D
Acq On : 21 Jun 2017 16:27
Operator : SJ/JU
Sample : I3653-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C52

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

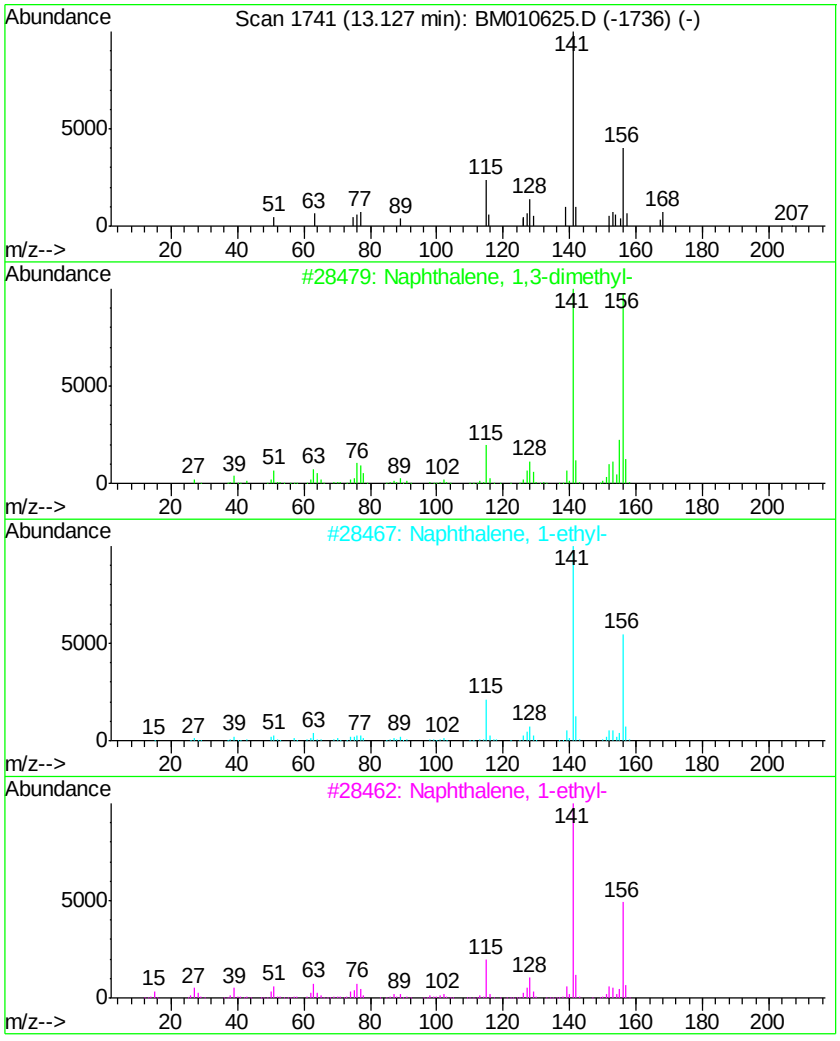
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

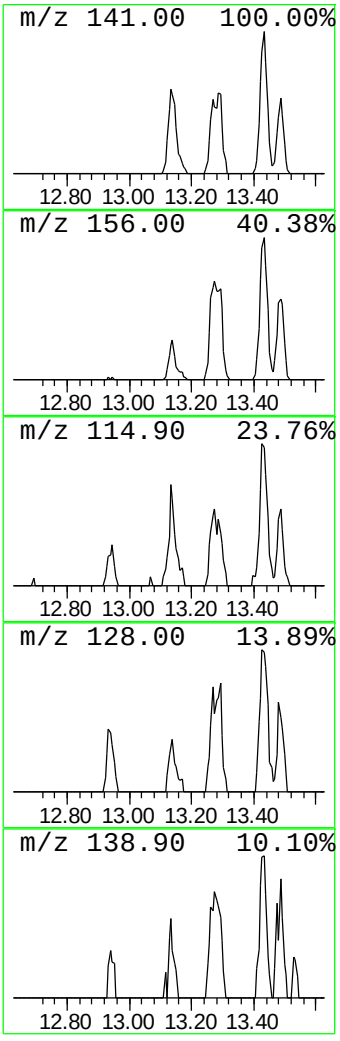
****

Peak Number 2 Naphthalene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	2.52 ng/ul	60599	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010625.D
Acq On : 21 Jun 2017 16:27
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Sample : I3653-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C52

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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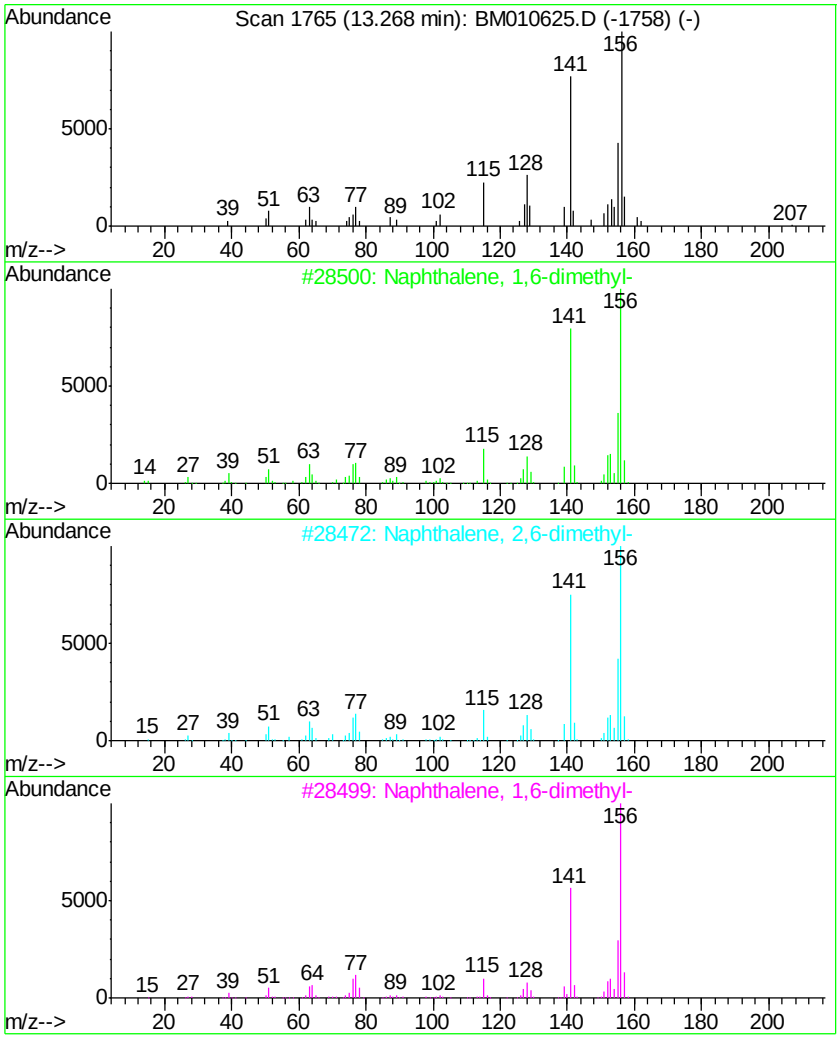
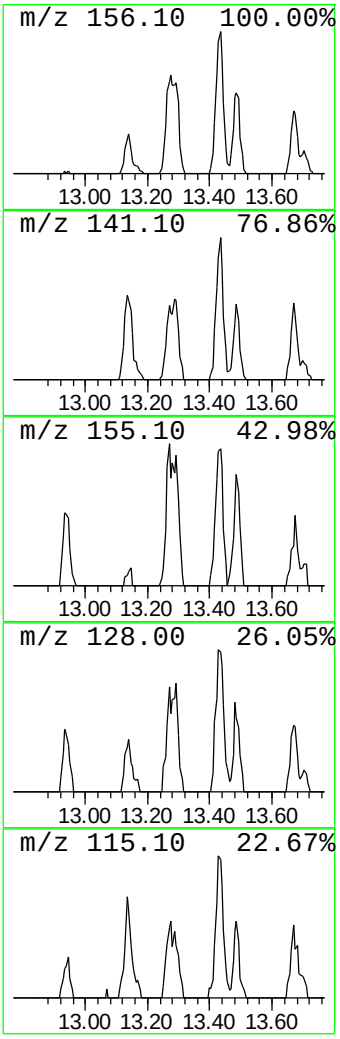
Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	3.74 ng/ul	89847	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010625.D
Acq On : 21 Jun 2017 16:27
Operator : SJ/JU
Sample : I3653-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C52

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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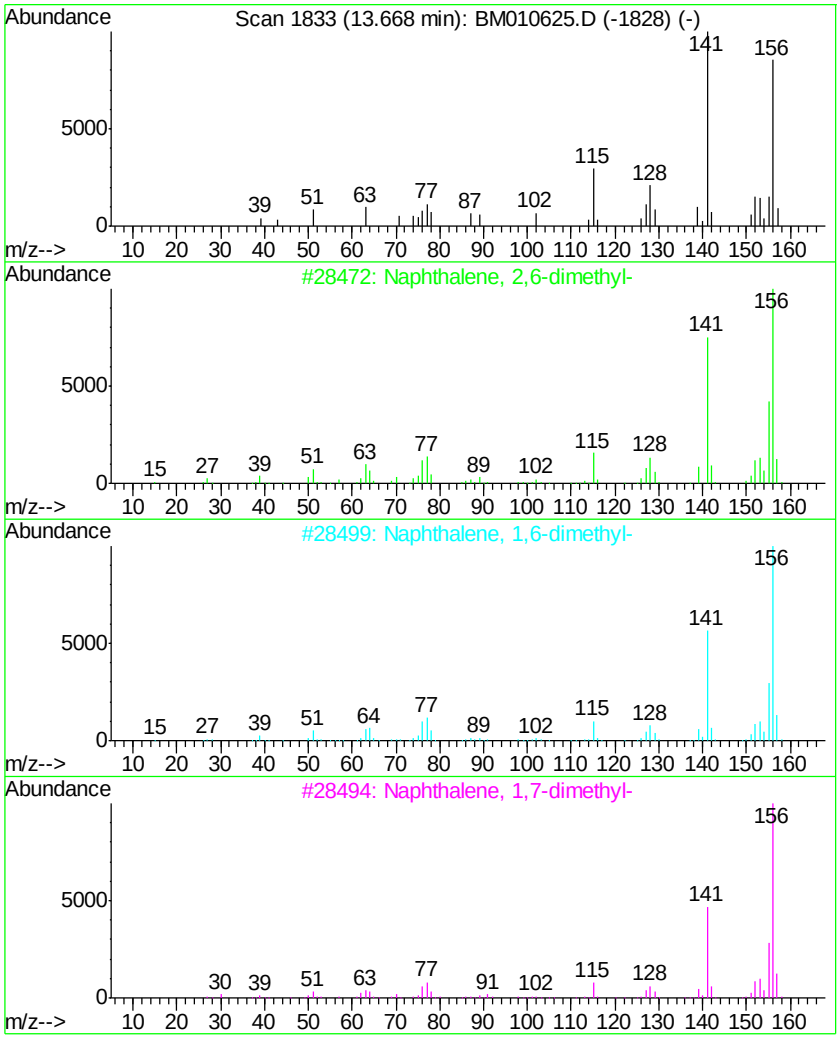
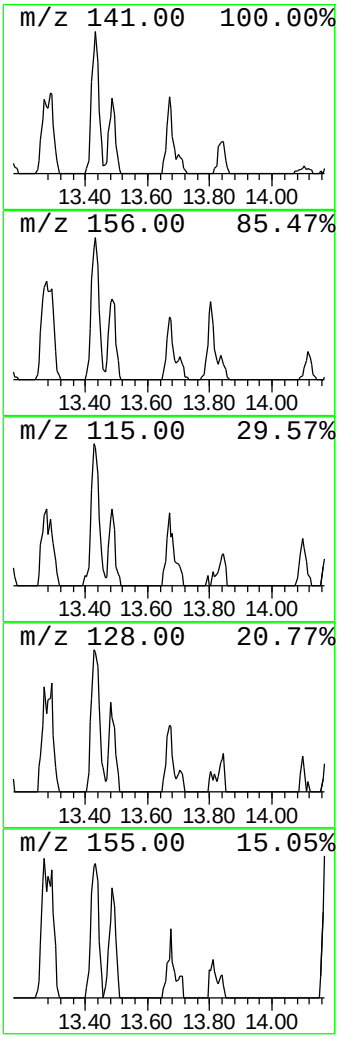
Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	2.50 ng/ul	60210	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010625.D
Acq On : 21 Jun 2017 16:27
Operator : SJ/JU
Sample : I3653-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C52

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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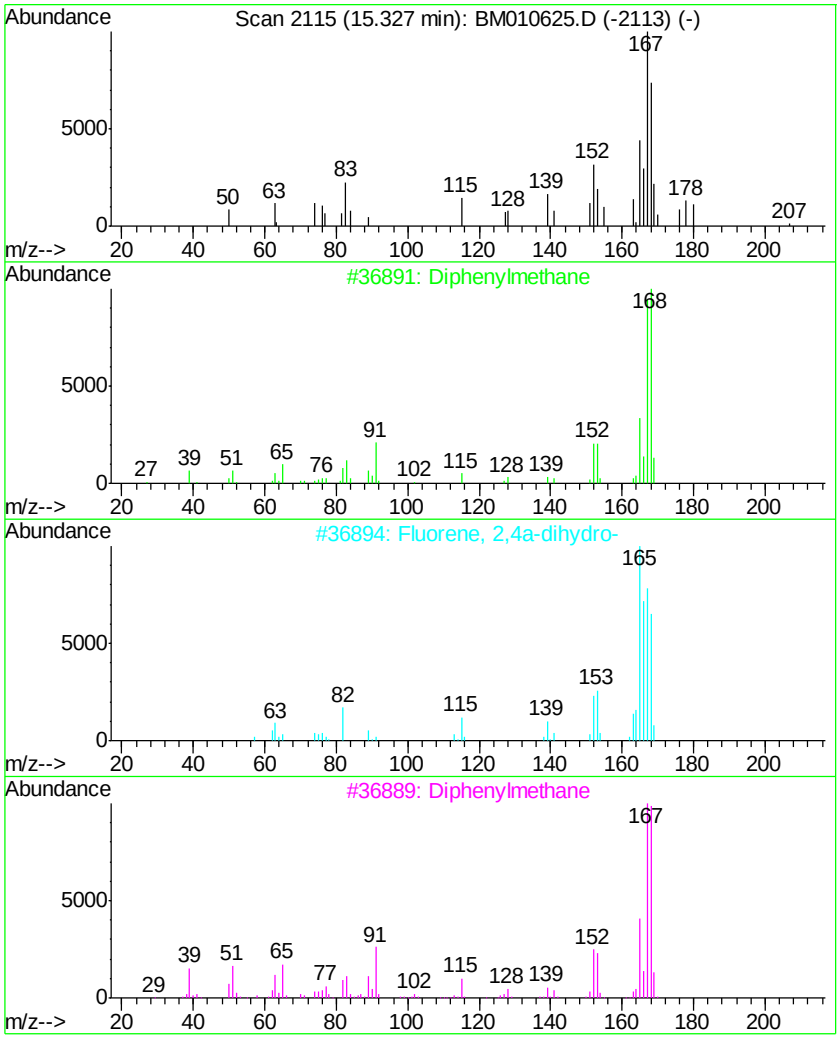
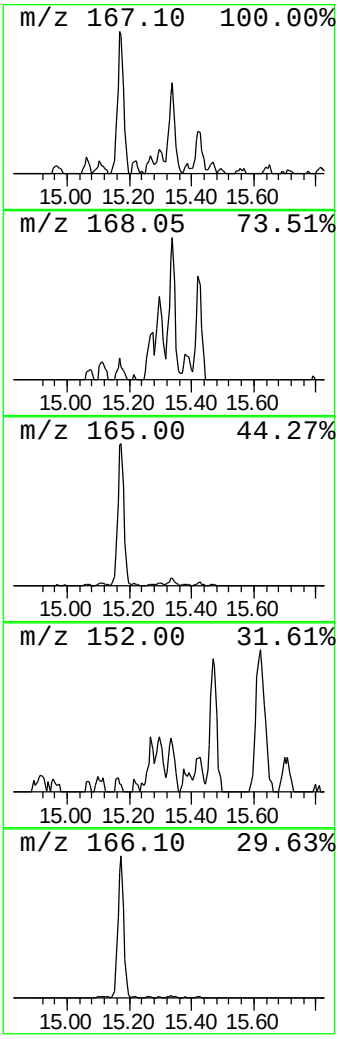
Peak Number 7 Diphenylmethane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	2.83 ng/ul	68068	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	68
2	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	64
3	Diphenylmethane	168	C13H12	000101-81-5	64
4	Diphenylmethane	168	C13H12	000101-81-5	58
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	55





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010625.D
Acq On : 21 Jun 2017 16:27
Operator : SJ/JU
Sample : I3653-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C52

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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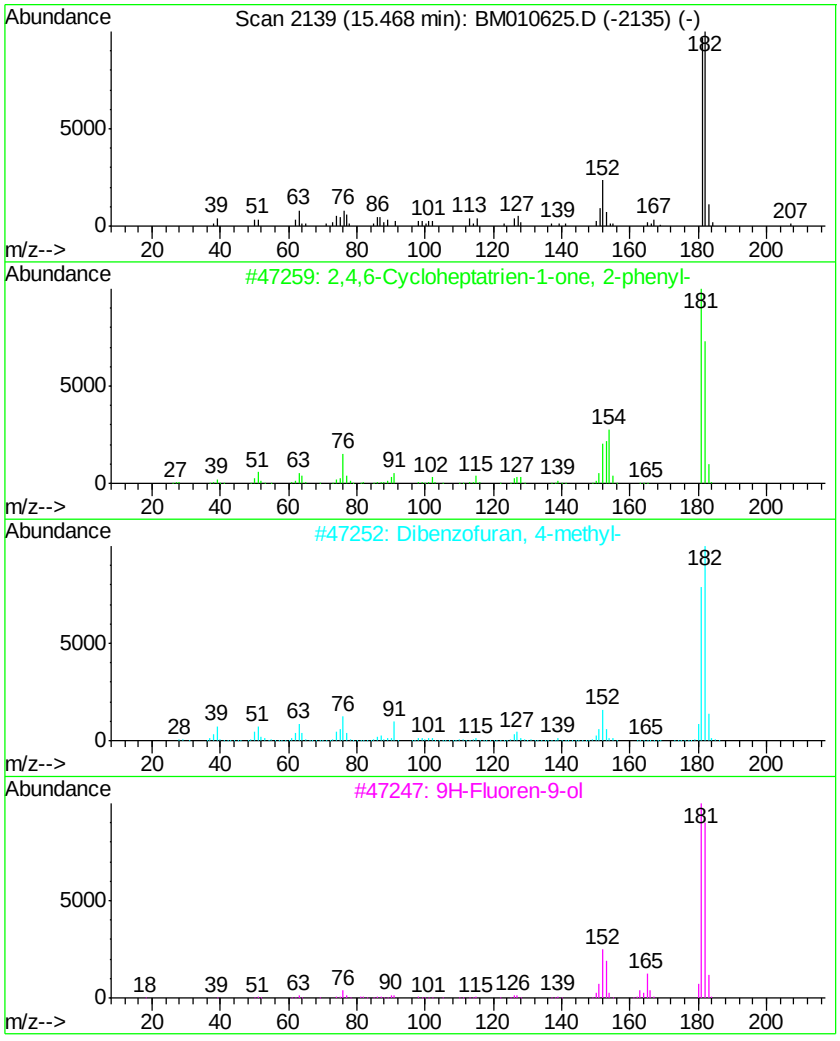
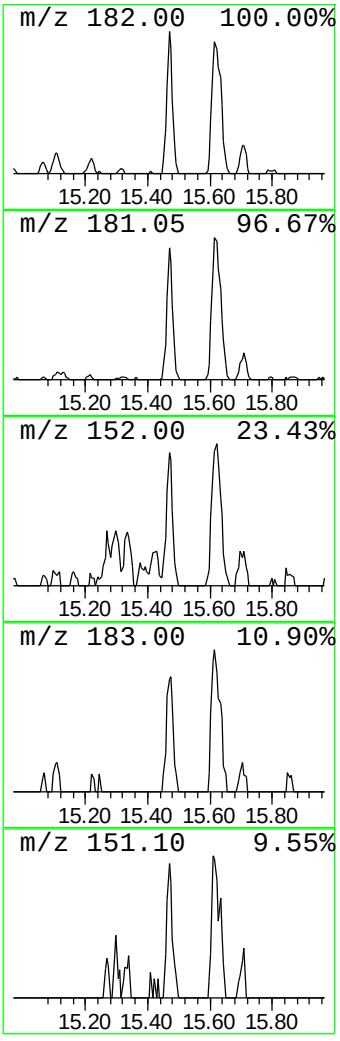
Peak Number 8 2,4,6-Cycloheptatrien-1-one... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	5.89 ng/ul	141652	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	72





Library Search Compound Report

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Sample : I3653-09
Misc :
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Instrument : BNA_M
ClientSampleId : F5C52

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Quant Title : SVOA CALIBRATION

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

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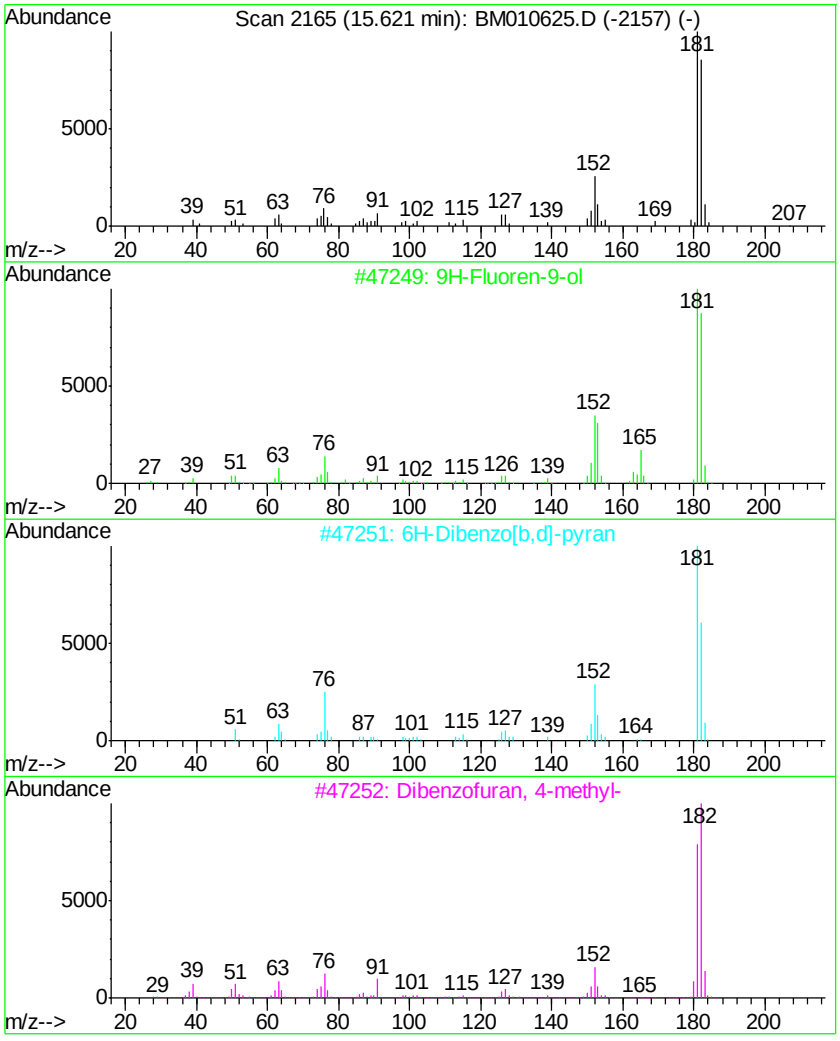
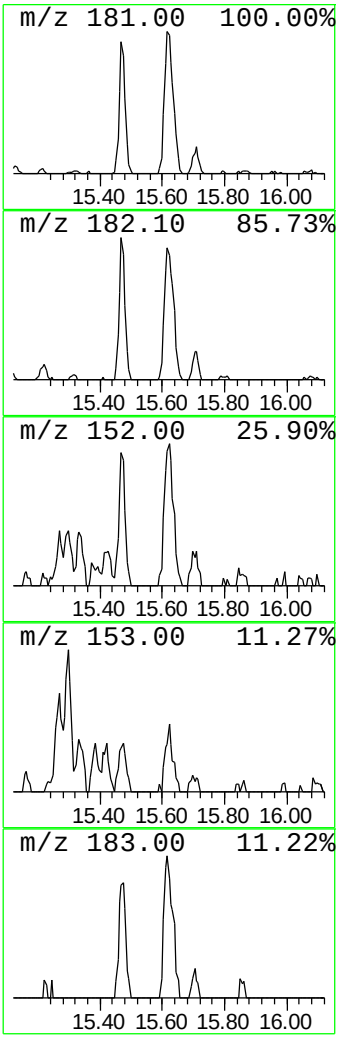
Peak Number 9 9H-Fluoren-9-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	7.33 ng/ul	205815	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	94
2	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86





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Quant Title : SVOA CALIBRATION

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

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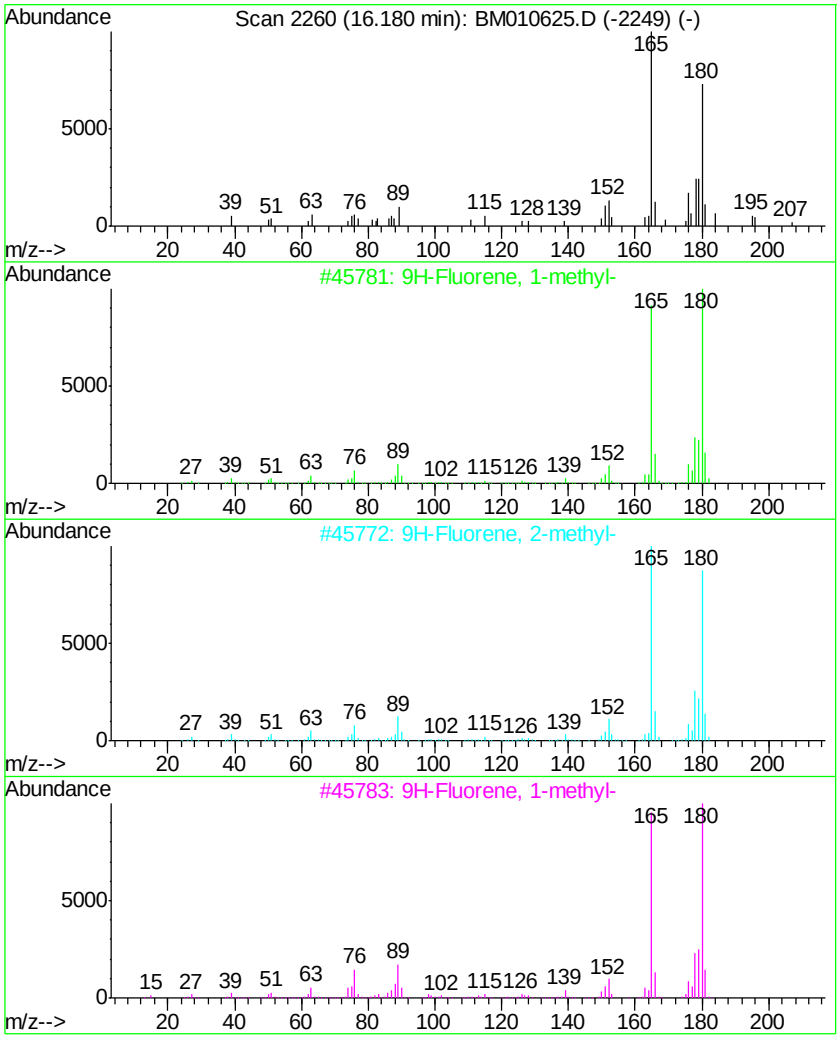
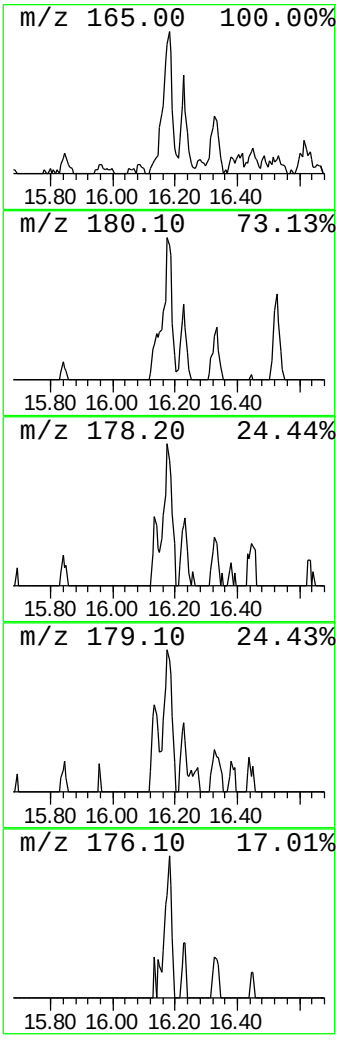
Peak Number 10 9H-Fluorene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	4.42 ng/ul	124006	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	81





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Quant Title : SVOA CALIBRATION

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

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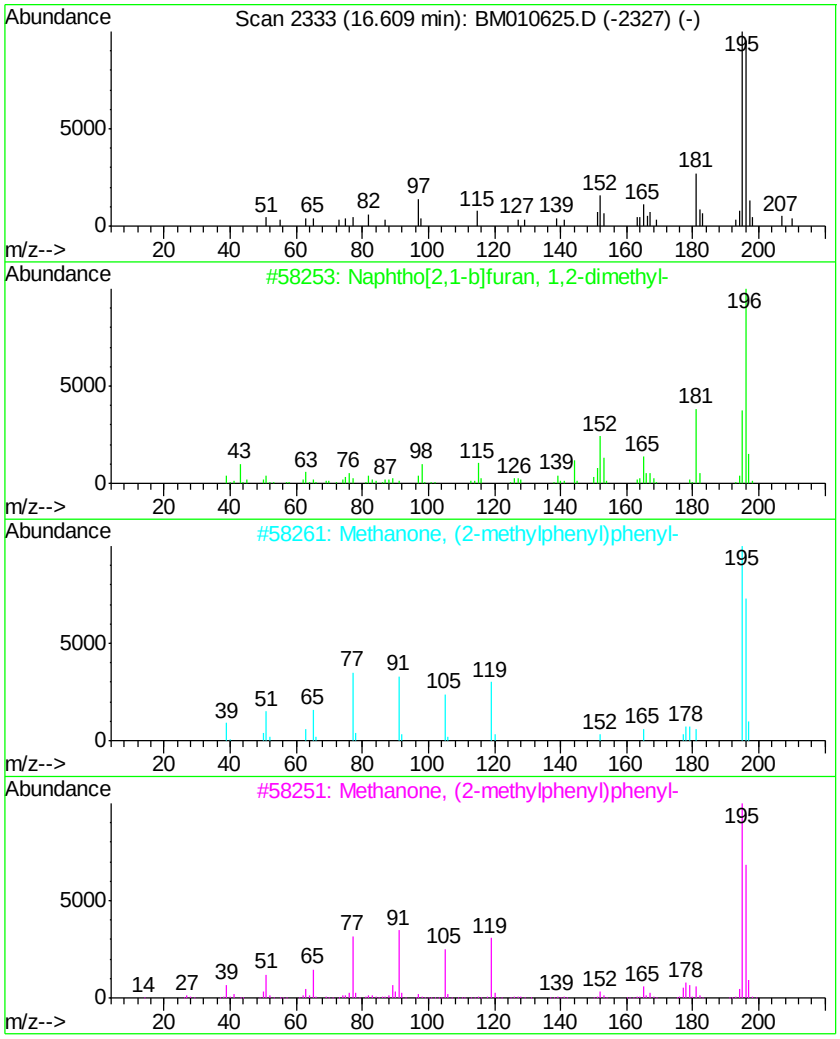
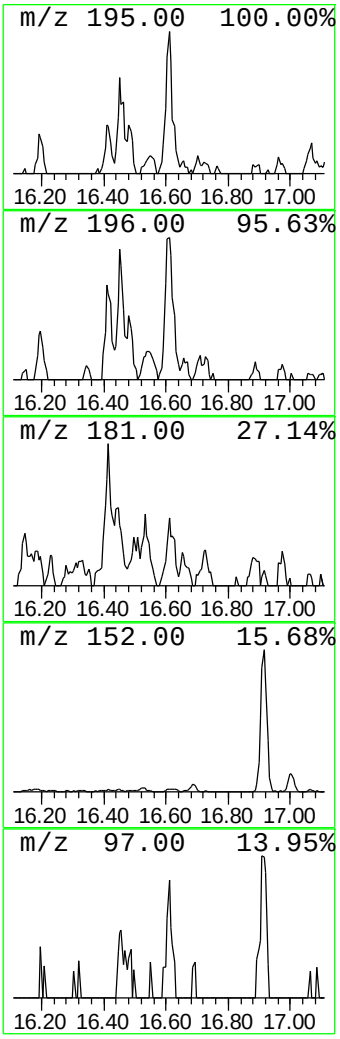
Peak Number 11 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	3.15 ng/ul	88454	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	64
2	Methanone, (2-methylphenyl)phenyl-	196	C14H12O	000131-58-8	59
3	Methanone, (2-methylphenyl)phenyl-	196	C14H12O	000131-58-8	59
4	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	53
5	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	52





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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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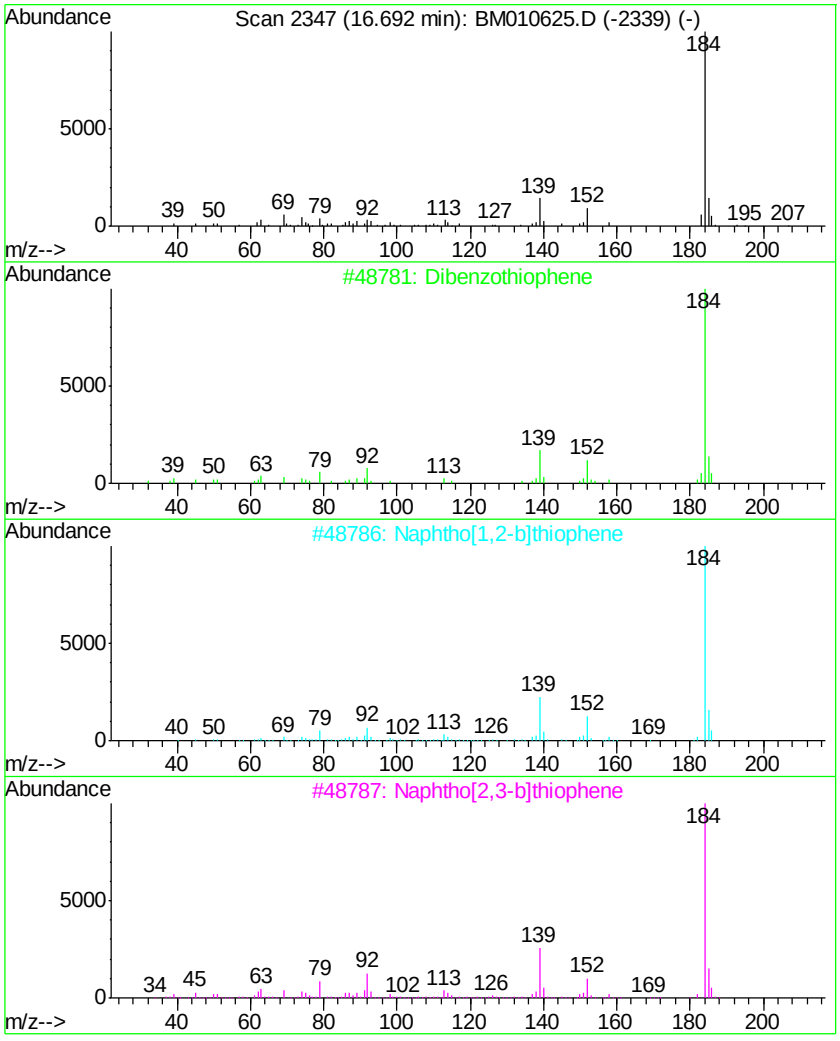
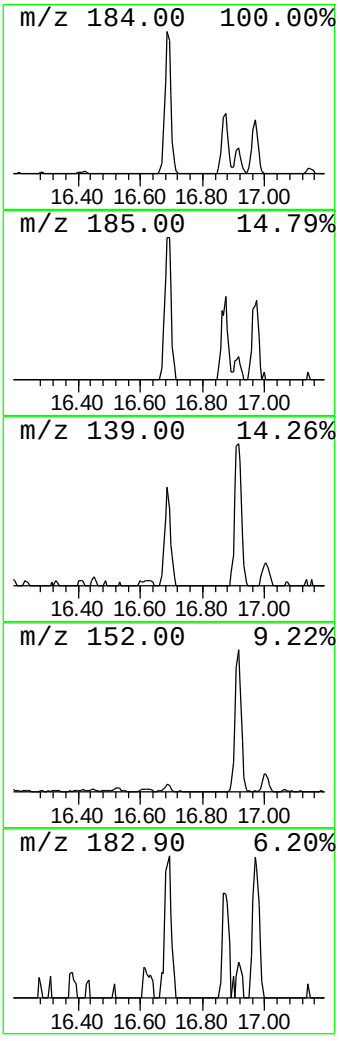
Peak Number 12 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	6.18 ng/ul	173557	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





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Quant Title : SVOA CALIBRATION

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

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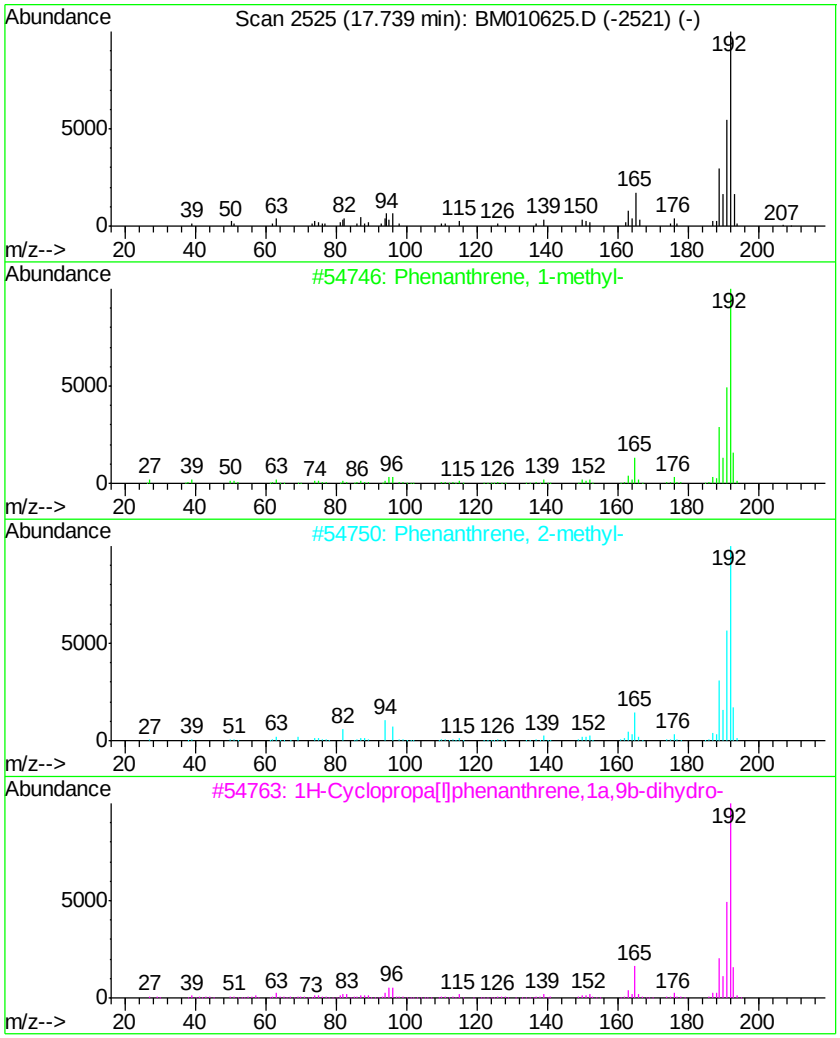
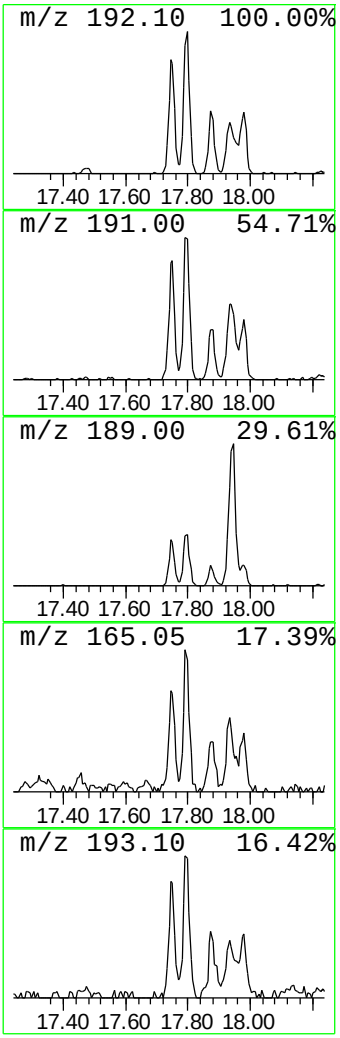
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	7.65 ng/ul	214842	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	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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Misc :
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Instrument : BNA_M
ClientSampleId : F5C52

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Quant Title : SVOA CALIBRATION

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

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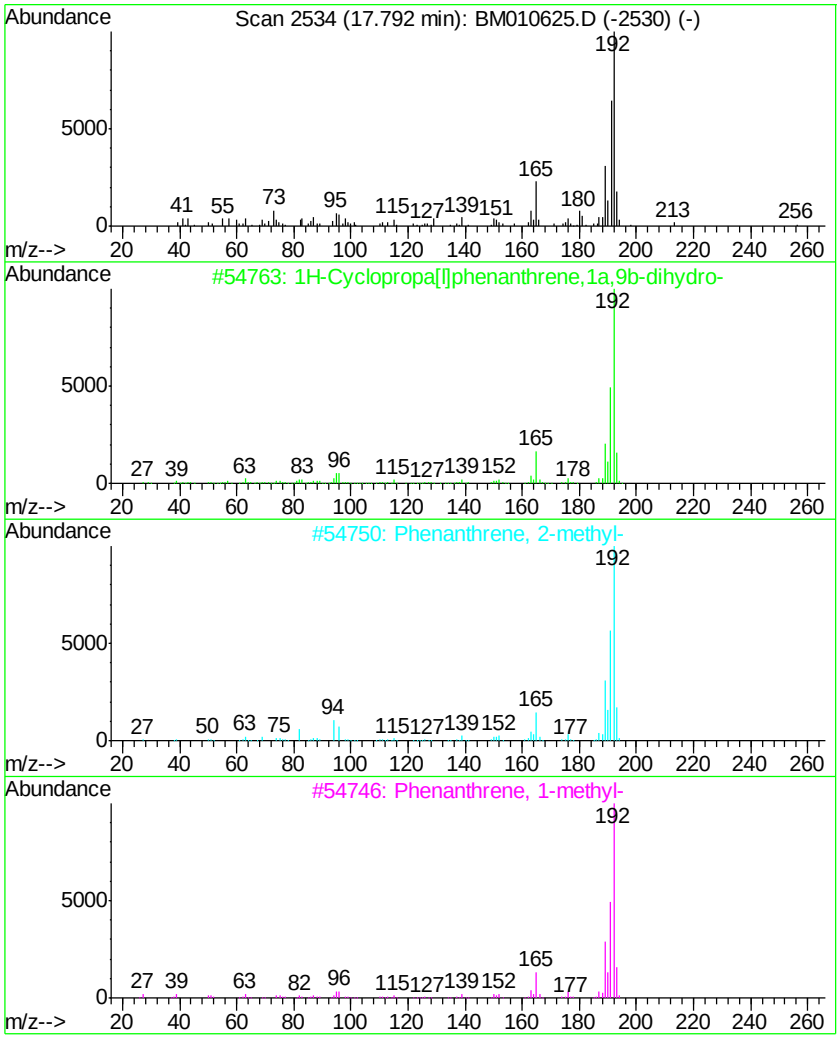
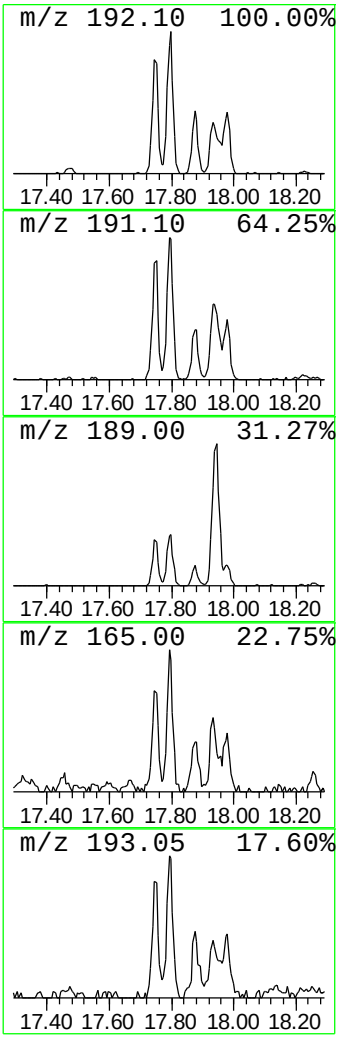
Peak Number 14 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	11.95 ng/ul	335506	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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Quant Title : SVOA CALIBRATION

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

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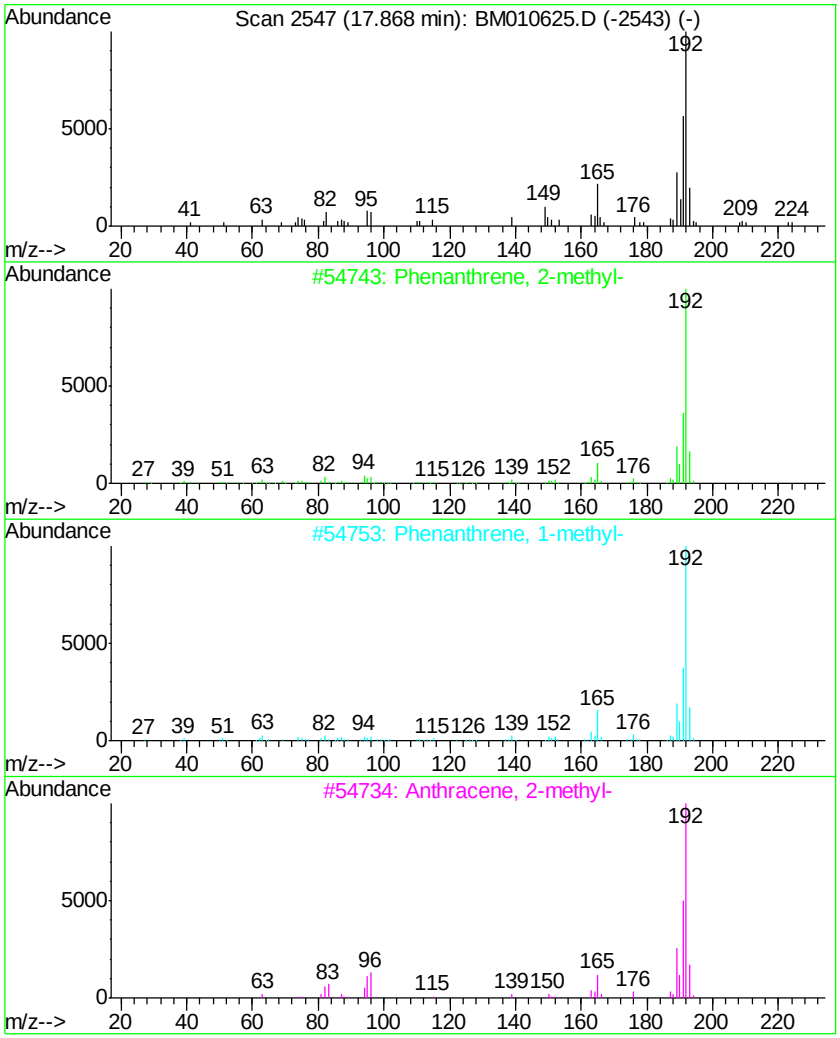
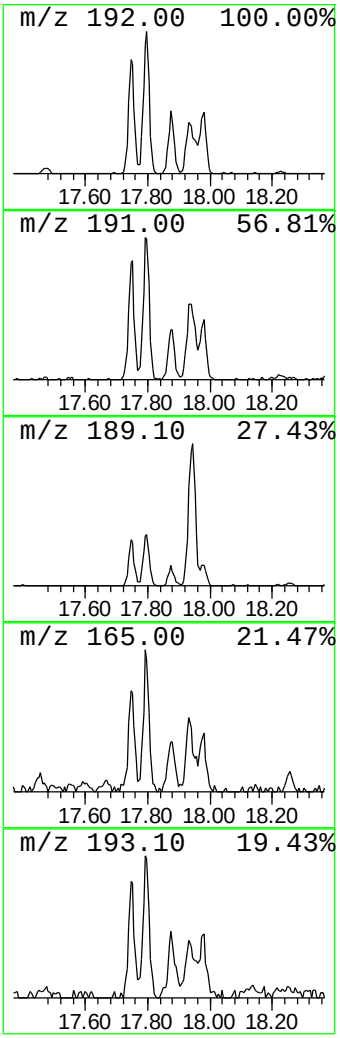
Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	4.24 ng/ul	119116	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





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Quant Title : SVOA CALIBRATION

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

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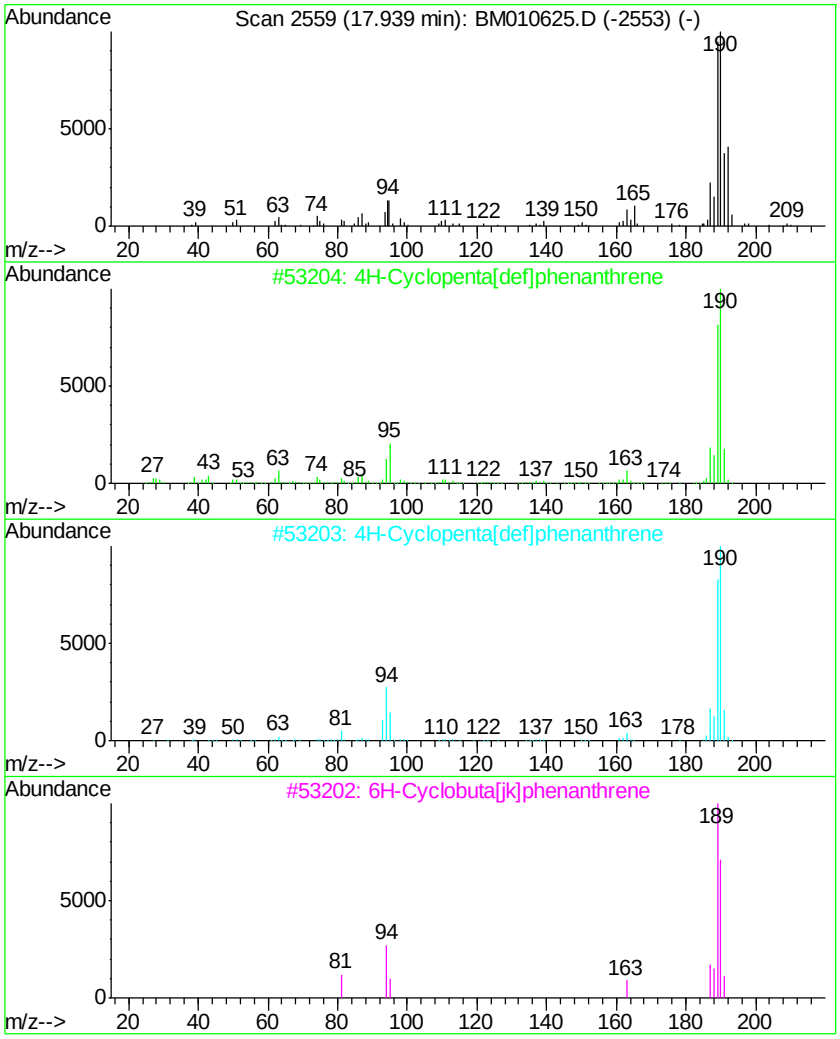
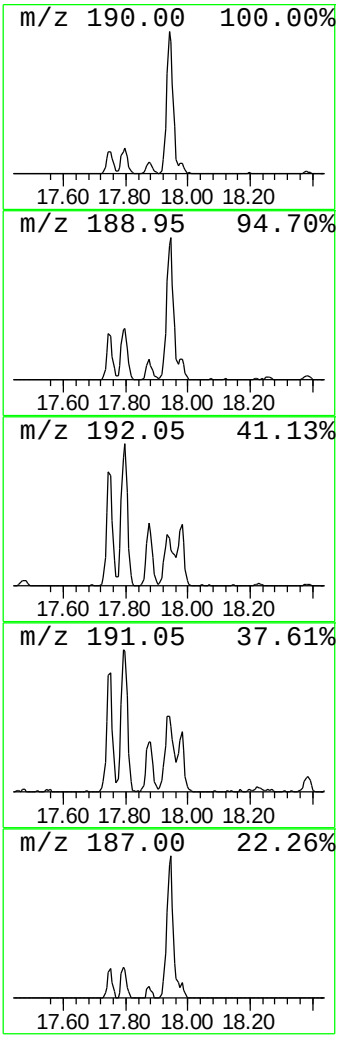
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	12.88 ng/ul	361517	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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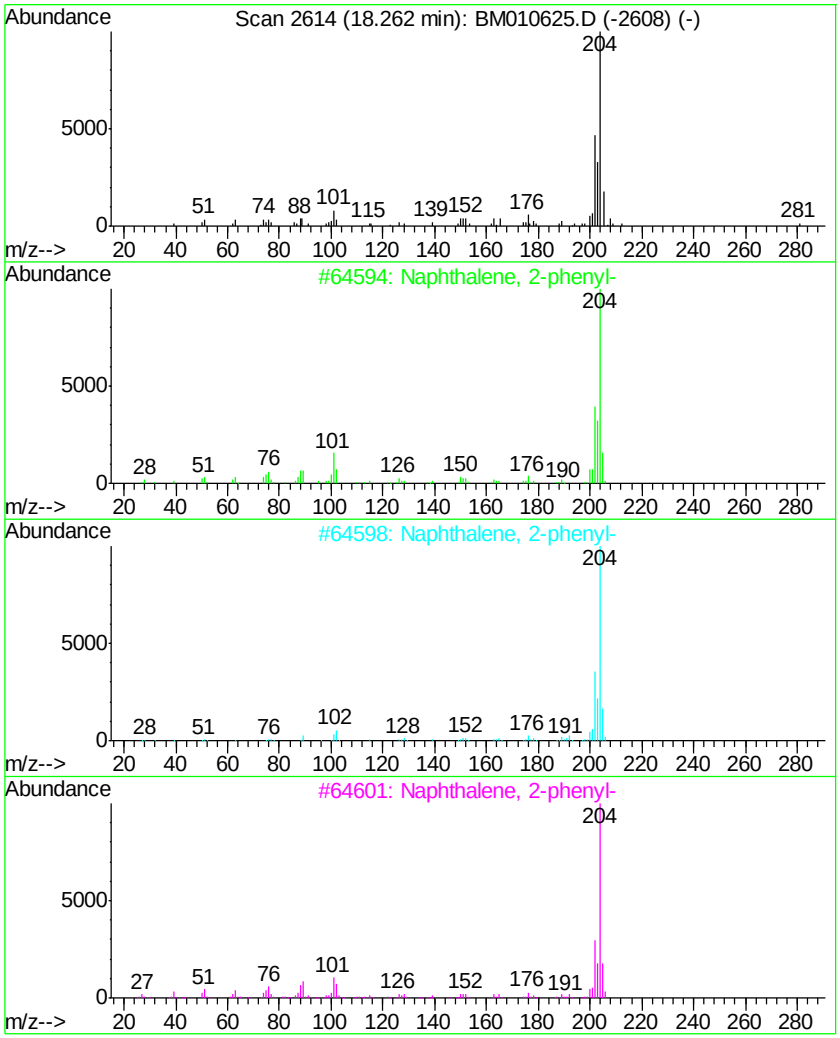
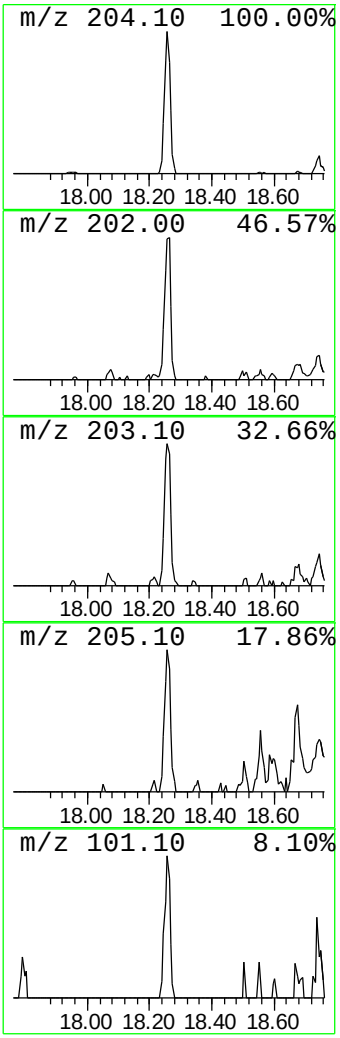
Peak Number 18 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	5.62 ng/ul	157796	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
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	72





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Quant Title : SVOA CALIBRATION

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

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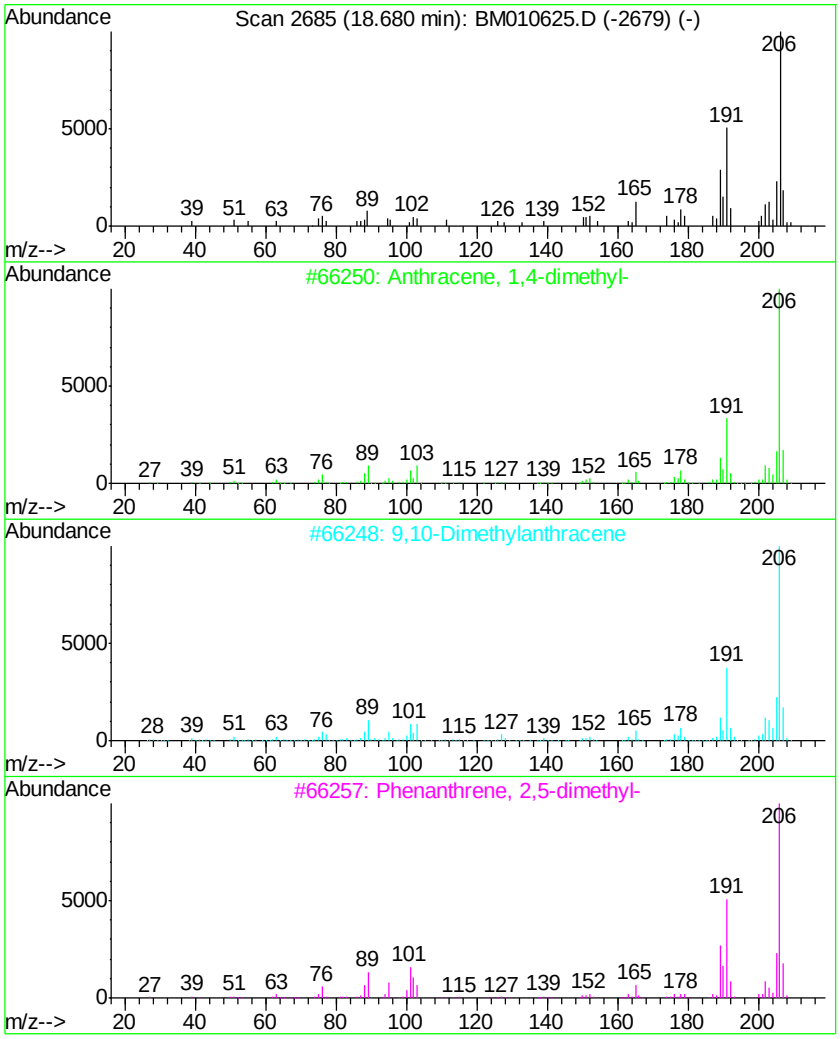
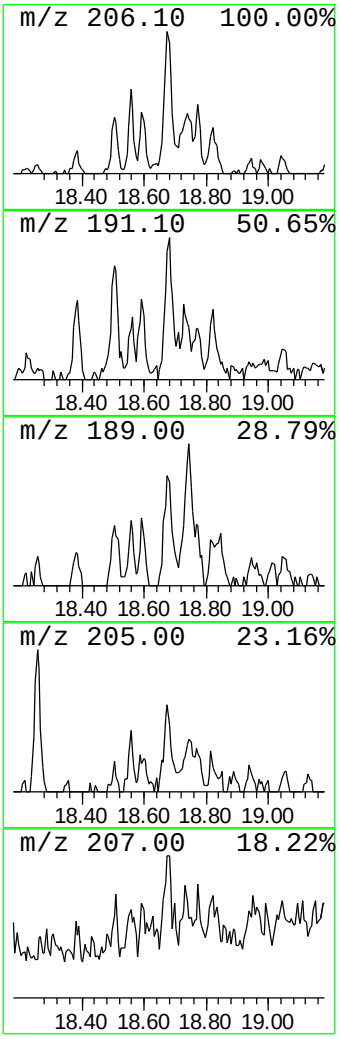
Peak Number 19 Anthracene, 1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	3.45 ng/ul	96840	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C52

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Quant Title : SVOA CALIBRATION

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

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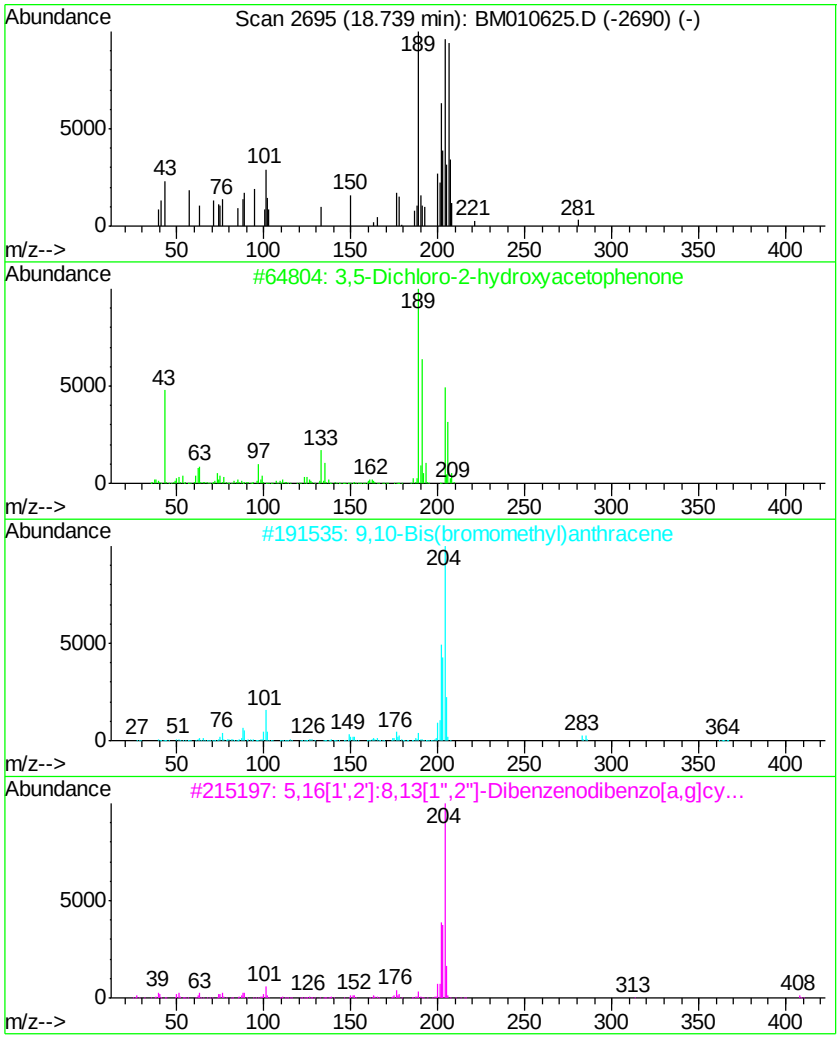
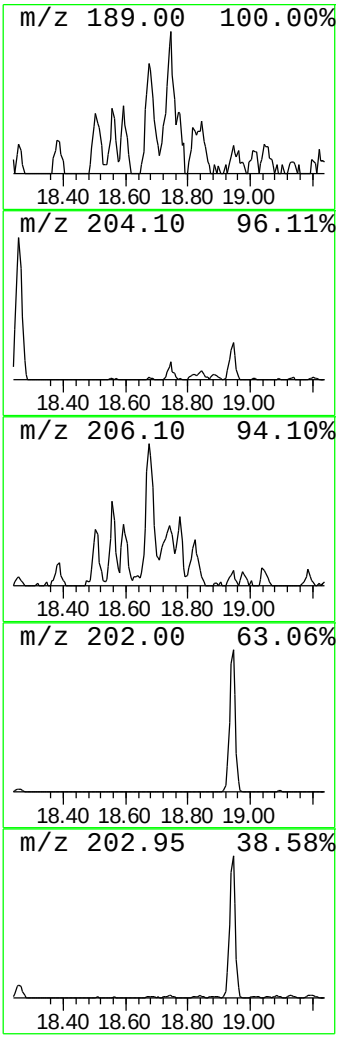
Peak Number 20 3,5-Dichloro-2-hydroxyaceto... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	2.02 ng/ul	56718	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dichloro-2-hydroxyacetophenone	204	C8H6Cl2O2	003321-92-4	50
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	38
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	35
5	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	35





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Data File : BM010625.D
Acq On : 21 Jun 2017 16:27
Operator : SJ/JU
Sample : I3653-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C52

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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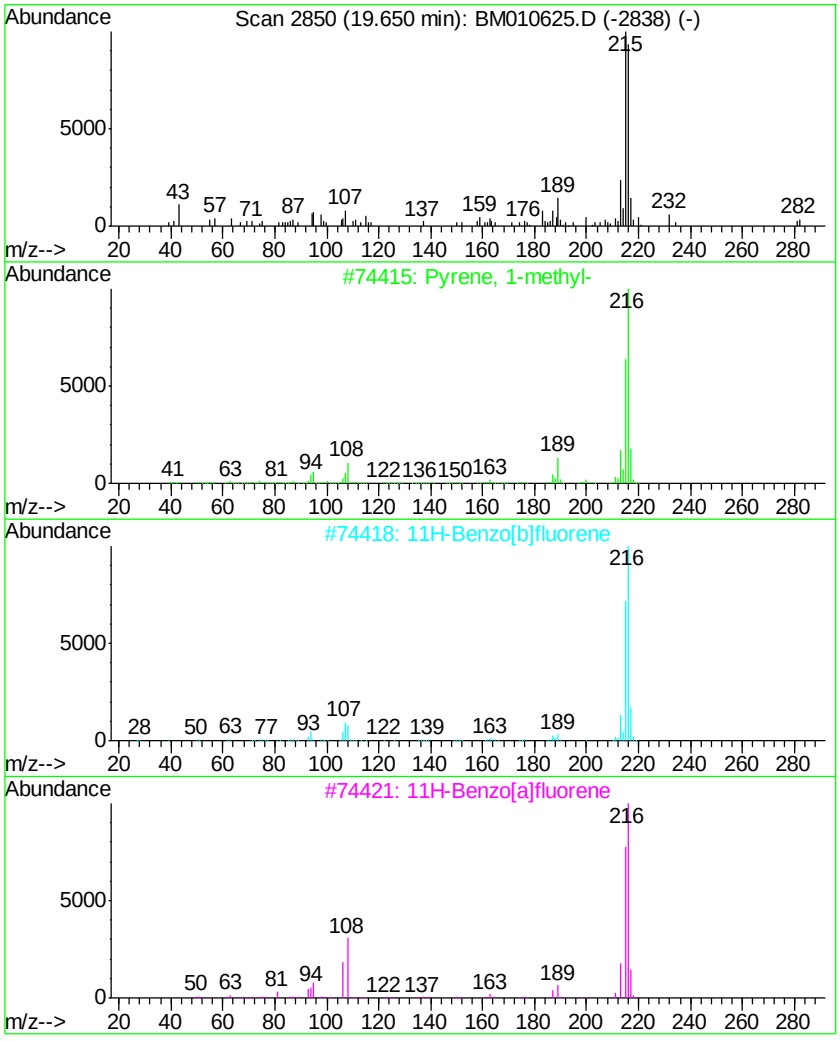
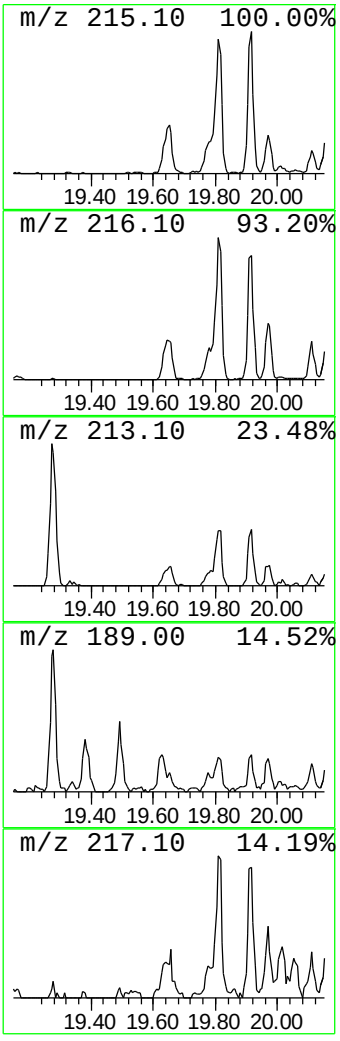
Peak Number 21 Pyrene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.65	2.48 ng/ul	226330	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010625.D
Acq On : 21 Jun 2017 16:27
Operator : SJ/JU
Sample : I3653-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C52

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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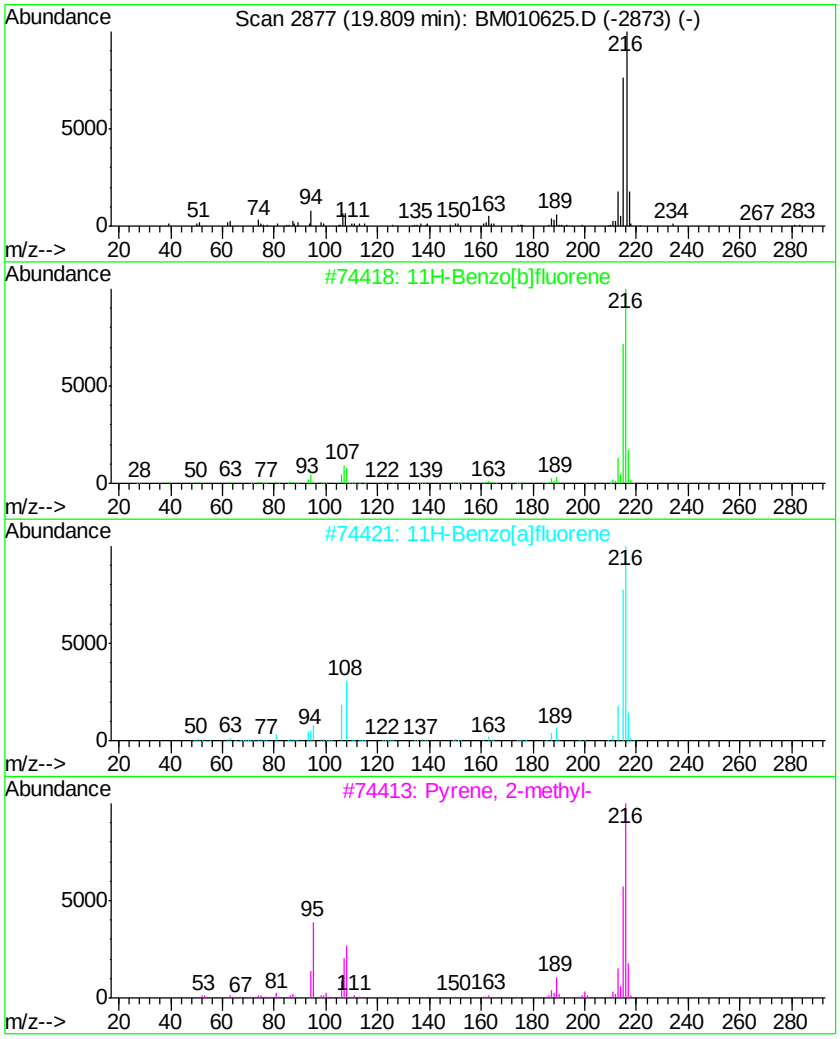
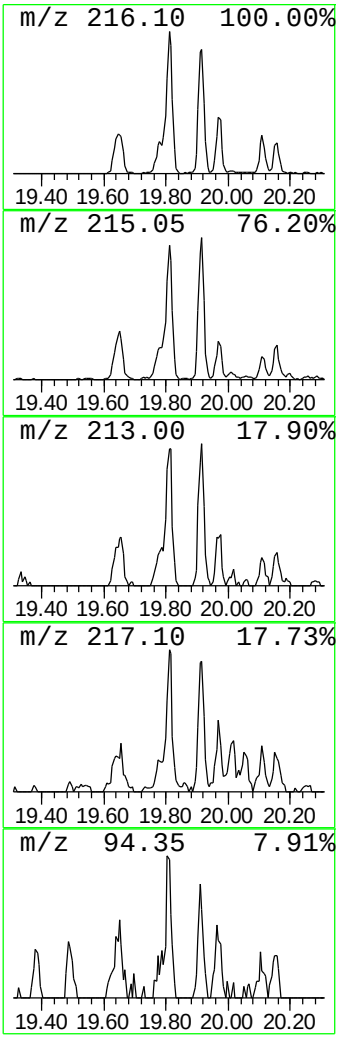
Peak Number 22 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	3.20 ng/ul	291992	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010625.D
Acq On : 21 Jun 2017 16:27
Operator : SJ/JU
Sample : I3653-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C52

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 1-me...	12.12	10.5	ng/ul	148869	2	10.23	284556	20.0
Naphthalene, 1,3-...	13.13	2.5	ng/ul	60599	3	14.12	481109	20.0
Naphthalene, 1,6-...	13.27	3.7	ng/ul	89847	3	14.12	481109	20.0
Naphthalene, 2,6-...	13.67	2.5	ng/ul	60210	3	14.12	481109	20.0
Diphenylmethane	15.33	2.8	ng/ul	68068	3	14.12	481109	20.0
2,4,6-Cycloheptat...	15.47	5.9	ng/ul	141652	3	14.12	481109	20.0
9H-Fluoren-9-ol	15.62	7.3	ng/ul	205815	4	16.87	561569	20.0
9H-Fluorene, 1-me...	16.18	4.4	ng/ul	124006	4	16.87	561569	20.0
Naphtho[2,1-b]fur...	16.61	3.1	ng/ul	88454	4	16.87	561569	20.0
Dibenzothiophene	16.69	6.2	ng/ul	173557	4	16.87	561569	20.0
Phenanthrene, 1-m...	17.74	7.7	ng/ul	214842	4	16.87	561569	20.0
1H-Cyclopropa[l]p...	17.79	11.9	ng/ul	335506	4	16.87	561569	20.0
Phenanthrene, 2-m...	17.87	4.2	ng/ul	119116	4	16.87	561569	20.0
4H-Cyclopenta[def...	17.94	12.9	ng/ul	361517	4	16.87	561569	20.0
Naphthalene, 2-ph...	18.26	5.6	ng/ul	157796	4	16.87	561569	20.0
Anthracene, 1,4-d...	18.68	3.5	ng/ul	96840	4	16.87	561569	20.0
3,5-Dichloro-2-hy...	18.74	2.0	ng/ul	56718	4	16.87	561569	20.0
Pyrene, 1-methyl-	19.65	2.5	ng/ul	226330	5	21.09	1822430	20.0
11H-Benzo[b]fluorene	19.81	3.2	ng/ul	291992	5	21.09	1822430	20.0