LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017335.D
Acq On : 25 Oct 2018 01:57
Operator : MJ/SJ
Sample : J5598-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.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	6.834	643	654	673	rVB2	989341	2076662	5.78%	0.682%
2	6.998	676	682	690	rBV	804374	1203292	3.35%	0.395%
3	7.192	705	715	725	rBV	1036926	1665372	4.64%	0.547%
4	7.651	785	793	801	rBV	1171392	1889304	5.26%	0.621%
5	8.187	875	884	891	rBV	130377	250099	0.70%	0.082%
6	8.363	907	914	921	rBV	1191879	1975942	5.50%	0.649%
7	8.804	982	989	997	rBV	968748	1600785	4.46%	0.526%
8	9.522	1103	1111	1119	rBV	839068	1404701	3.91%	0.461%
9	10.057	1192	1202	1214	rBV	1235129	2205152	6.14%	0.724%
10	10.428	1257	1265	1270	rBV	1804868	3022156	8.41%	0.993%
11	10.480	1270	1274	1281	rVB	713832	1133346	3.16%	0.372%
12	10.575	1281	1290	1303	rBV	926965	1773954	4.94%	0.583%
13	11.963	1516	1526	1532	rBV2	157202	339867	0.95%	0.112%
14	12.098	1542	1549	1558	rVB	251906	427271	1.19%	0.140%
15	12.322	1581	1587	1596	rVB	107163	184079	0.51%	0.060%
16	13.121	1716	1723	1729	rBV	112173	176351	0.49%	0.058%
17	13.716	1818	1824	1828	rVV	2297773	3221204	8.97%	1.058%
18	13.763	1828	1832	1839	rVB	566153	823345	2.29%	0.270%
19	13.986	1857	1870	1874	rBV	2767179	4594680	12.79%	1.509%
20	14.298	1913	1923	1930	rBV2	2567929	4105966	11.43%	1.349%
21	14.363	1930	1934	1942	rVB	131660	214380	0.60%	0.070%
22	14.521	1953	1961	1972	rBV2	657902	1403359	3.91%	0.461%
23	14.698	1984	1991	1995	rBV	396540	590116	1.64%	0.194%
24	15.292	2086	2092	2098	rBV	3365286	4982300	13.87%	1.637%
25	15.351	2098	2102	2108	rVB2	110338	203707	0.57%	0.067%
26	15.421	2108	2114	2120	rBV	1086446	1512322	4.21%	0.497%
27	15.792	2168	2177	2185	rVV2	88388	216882	0.60%	0.071%
28	16.027	2211	2217	2225	rBV3	285050	524800	1.46%	0.172%
29	16.627	2315	2319	2323	rVV	148043	205893	0.57%	0.068%
30	16.704	2327	2332	2340	rVB	402590	612035	1.70%	0.201%
31	16.868	2356	2360	2368	rVB	155908	249836	0.70%	0.082%
32	17.045	2384	2390	2395	rBV	3332921	5051703	14.06%	1.659%
33	17.092	2395	2398	2402	rVV	1456115	1858704	5.17%	0.611%
34	17.145	2402	2407	2411	rVV2	3662227	5751656	16.01%	1.889%

LSC Area Percent Report

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Operator : MJ/SJ
Sample : J5598-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Title : SVOA CALIBRATION

35	17.180	2411	2413	2419	rVV	1815904	2164654	6.03%	0.711%
36	17.239	2419	2423	2429	rVB2	166843	285386	0.79%	0.094%
37	17.456	2451	2460	2469	rBV	587409	1136969	3.17%	0.373%
38	17.568	2474	2479	2485	rVV4	144594	321709	0.90%	0.106%
39	17.727	2502	2506	2510	rVB2	155467	225051	0.63%	0.074%
40	17.921	2532	2539	2541	rBV2	162244	285301	0.79%	0.094%
41	17.956	2541	2545	2554	rVB2	901122	1432776	3.99%	0.471%
42	18.051	2557	2561	2566	rVB	265142	356143	0.99%	0.117%
43	18.121	2567	2573	2577	rBV3	413076	806426	2.25%	0.265%
44	18.245	2589	2594	2597	rBV3	107399	189914	0.53%	0.062%
45	18.321	2602	2607	2612	rVB	470467	642348	1.79%	0.211%
46	18.427	2622	2625	2629	rVB	189442	211562	0.59%	0.069%
47	18.474	2629	2633	2638	rVB	506581	684592	1.91%	0.225%
48	18.768	2679	2683	2686	rBV2	174173	227858	0.63%	0.075%
49	18.856	2692	2698	2703	rBV2	367507	903338	2.52%	0.297%
50	18.909	2704	2707	2711	rVB2	455501	564423	1.57%	0.185%
51	18.992	2716	2721	2727	rBV	1258098	1721869	4.79%	0.566%
52	19.045	2727	2730	2734	rBV2	147505	203044	0.57%	0.067%
53	19.115	2736	2742	2749	rVB	11820395	15530222	43.24%	5.102%
54	19.180	2750	2753	2755	rBV2	196719	245472	0.68%	0.081%
55	19.215	2755	2759	2761	rBV	276415	342701	0.95%	0.113%
56	19.339	2778	2780	2786	rVB2	314251	621822	1.73%	0.204%
57	19.450	2793	2799	2801	rBV2	5840622	8992508	25.04%	2.954%
58	19.480	2801	2804	2812	rVV	13448618	17089195	47.58%	5.614%
59	19.550	2812	2816	2822	rVB2	466104	773001	2.15%	0.254%
60	19.656	2830	2834	2839	rBV	647946	918278	2.56%	0.302%
61	19.721	2841	2845	2851	rVB	1204253	1707676	4.75%	0.561%
62	19.815	2853	2861	2866	rBV4	1248005	2846128	7.92%	0.935%
63	19.939	2877	2882	2886	rBV5	1282500	2948552	8.21%	0.969%
64	20.074	2902	2905	2908	rBV	524358	587559	1.64%	0.193%
65	20.133	2908	2915	2919	rBV2	1604733	2849654	7.93%	0.936%
66	20.174	2919	2922	2925	rVB	474326	541361	1.51%	0.178%
67	20.215	2926	2929	2933	rBV2	264254	347133	0.97%	0.114%
68	20.274	2935	2939	2942	rBV	1237203	1584874	4.41%	0.521%
69	20.321	2943	2947	2956	rVB4	792425	1570943	4.37%	0.516%
70	20.639	2998	3001	3004	rVB2	390721	394041	1.10%	0.129%
71	20.686	3006	3009	3012	rVV2	326696	398882	1.11%	0.131%

LSC Area Percent Report

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Sample : J5598-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Title : SVOA CALIBRATION

72	20.727	3012	3016	3022	rVV	2217364	3092572	8.61%	1.016%
73	20.892	3038	3044	3047	rBV2	1812002	3061874	8.52%	1.006%
74	20.927	3047	3050	3053	rVV	1918556	2334819	6.50%	0.767%
75	20.968	3053	3057	3062	rVV2	3579082	5194920	14.46%	1.706%
76	21.021	3063	3066	3071	rVB	1309462	1804045	5.02%	0.593%
77	21.133	3078	3085	3090	rBV2	657644	1786783	4.97%	0.587%
78	21.239	3094	3103	3108	rBV2	10297350	24575474	68.42%	8.073%
79	21.286	3108	3111	3117	rVB	10462640	13374755	37.24%	4.393%
80	21.409	3127	3132	3137	rBV3	1100207	2290700	6.38%	0.752%
81	21.550	3152	3156	3162	rBV2	1285121	2267196	6.31%	0.745%
82	21.603	3162	3165	3173	rVB3	1079217	1698097	4.73%	0.558%
83	21.739	3185	3188	3191	rBV2	500014	784964	2.19%	0.258%
84	21.791	3194	3197	3201	rVV	1997866	2429937	6.77%	0.798%
85	21.844	3202	3206	3212	rVB3	1674716	2969157	8.27%	0.975%
86	21.986	3226	3230	3233	rBV2	1003709	1389940	3.87%	0.457%
87	22.268	3274	3278	3280	rBV	659709	944452	2.63%	0.310%
88	22.544	3320	3325	3337	rVB4	1410371	3845803	10.71%	1.263%
89	22.668	3343	3346	3352	rVB	1106317	1801611	5.02%	0.592%
90	22.815	3362	3371	3375	rBV	14278228	35917854	100.00%	11.799%
91	22.968	3392	3397	3402	rBV	1983629	3028987	8.43%	0.995%
92	23.097	3415	3419	3428	rBV	1034784	2149275	5.98%	0.706%
93	23.274	3443	3449	3454	rBV	6928965	13059308	36.36%	4.290%
94	23.321	3454	3457	3461	rVV	3145052	5837613	16.25%	1.918%
95	23.368	3461	3465	3471	rVB	6665710	11473723	31.94%	3.769%
96	23.462	3476	3481	3485	rVV	2812981	5271071	14.68%	1.732%
97	23.509	3485	3489	3496	rVB2	1845859	3912434	10.89%	1.285%
98	23.985	3565	3570	3578	rVB3	986584	2082878	5.80%	0.684%
99	25.674	3848	3857	3869	rVB	3711919	10686136	29.75%	3.510%
100	26.344	3963	3971	3981	rVB	1867770	5250485	14.62%	1.725%

Sum of corrected areas: 304421449

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017335.D
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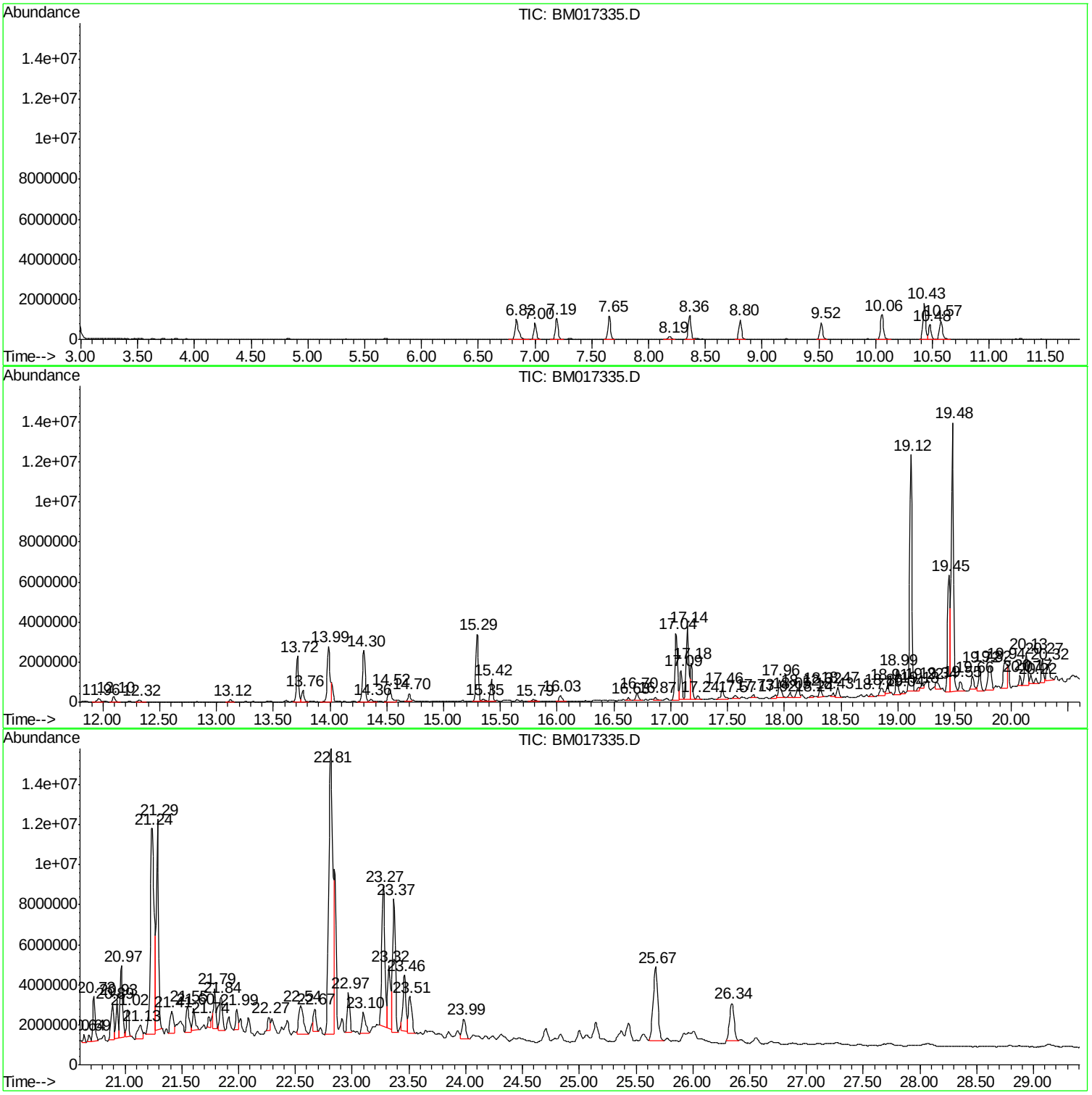
Sample : J5598-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017335.D
Acq On : 25 Oct 2018 01:57
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Instrument : BNA_M
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

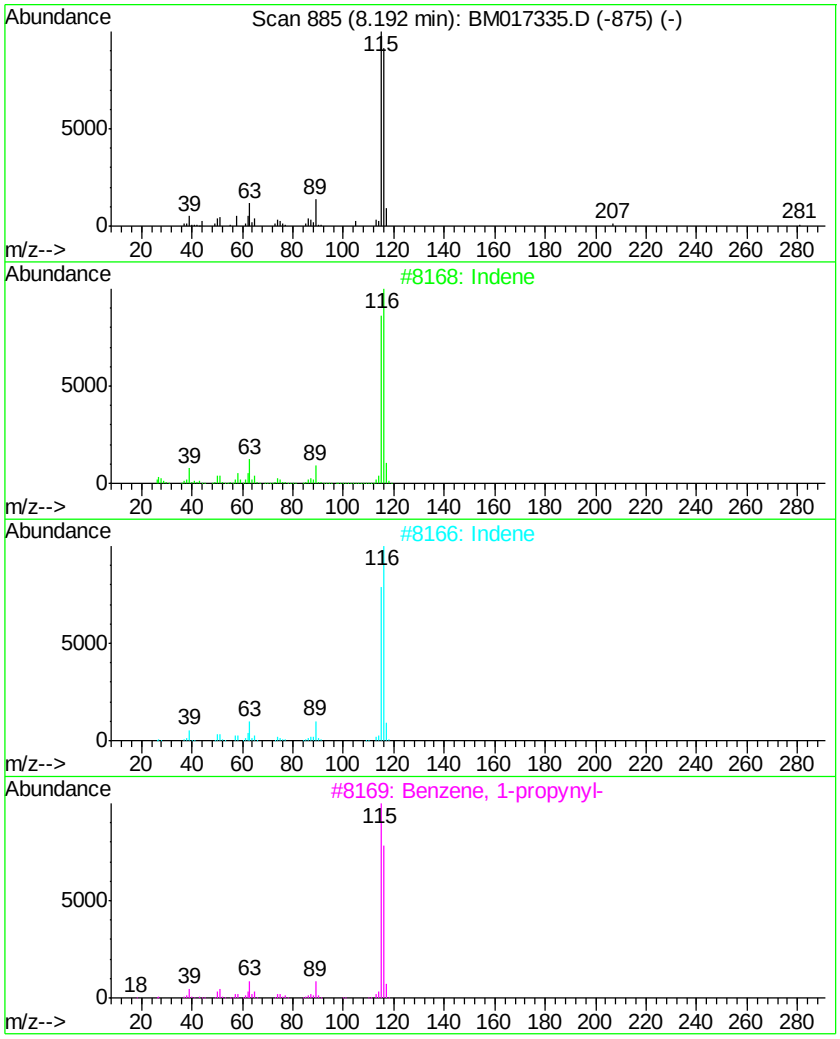
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

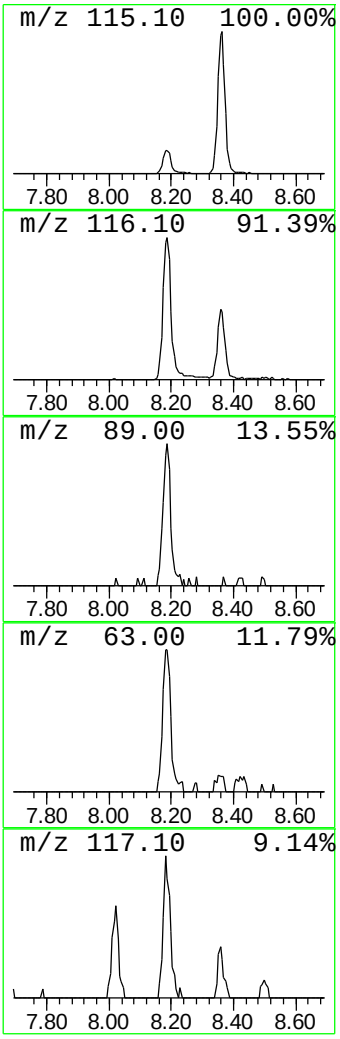
****

Peak Number 1 Indene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	2.65 ng/ul	250099	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	95
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4	Indene	116	C9H8	000095-13-6	94
5	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017335.D
Acq On : 25 Oct 2018 01:57
Operator : MJ/SJ
Sample : J5598-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

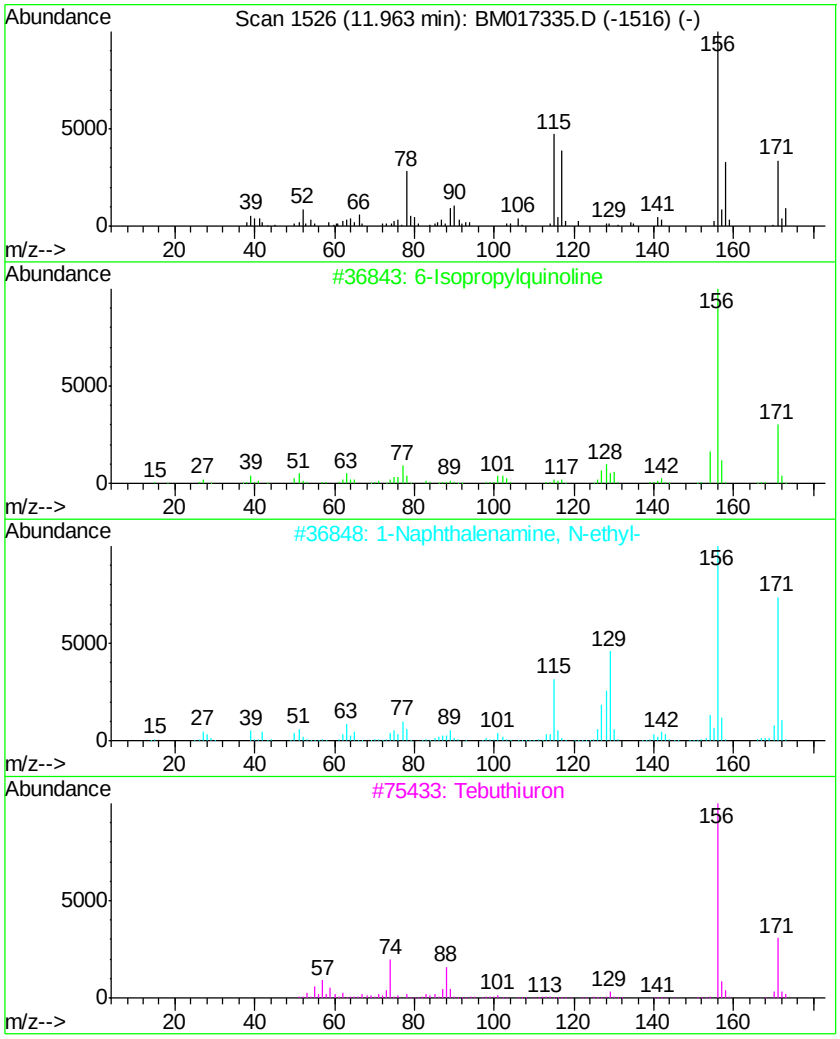
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

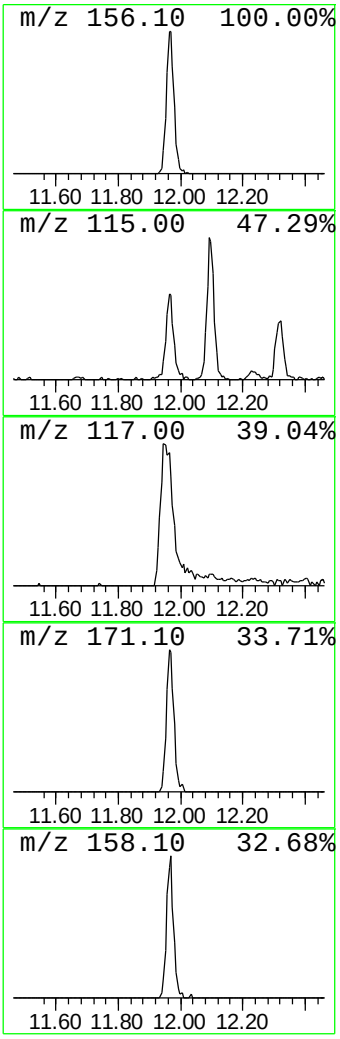
****

Peak Number 2 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.25 ng/ul	339867	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Isopropylquinoline	171	C12H13N	000135-79-5	27
2	1-Naphthalenamine, N-ethyl-	171	C12H13N	000118-44-5	27
3	Tebuthiuron	228	C9H16N4OS	034014-18-1	25
4	Benzene, 1-chloro-4-methoxy-2-me...	156	C8H9ClO	013334-71-9	17
5	Tebuthiuron	228	C9H16N4OS	034014-18-1	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017335.D
Acq On : 25 Oct 2018 01:57
Operator : MJ/SJ
Sample : J5598-09
Misc :
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Instrument : BNA_M
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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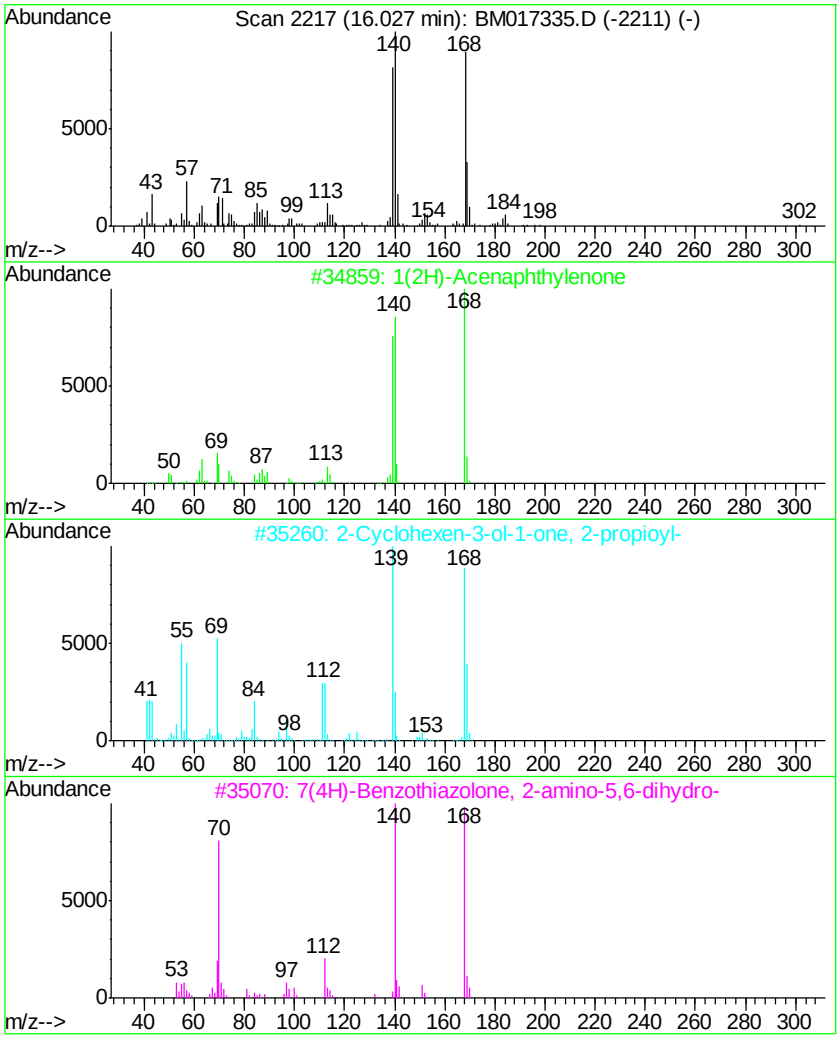
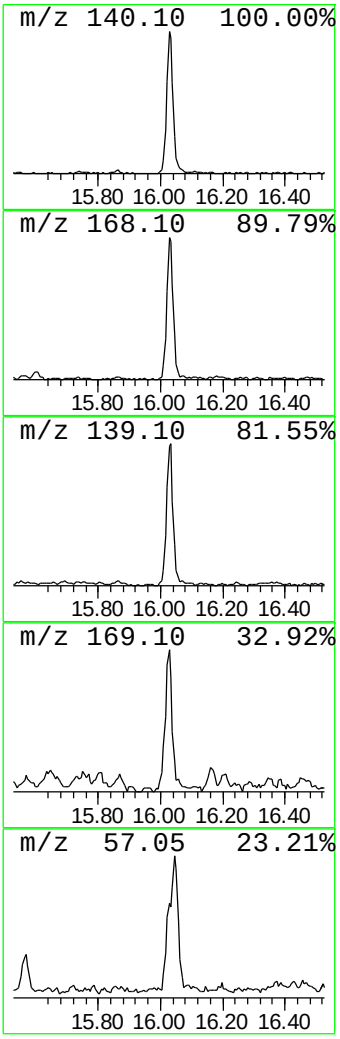
Peak Number 3 1(2H)-Acenaphthylenone Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	2.08 ng/ul	524800	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	93
2	2-Cyclohexen-3-ol-1-one, 2-propi...	168	C9H12O3	062847-90-9	50
3	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	50
4	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	46
5	4H-Pyran-4-one, 2-ethyl-3-hydroxy-	140	C7H8O3	004940-11-8	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017335.D
Acq On : 25 Oct 2018 01:57
Operator : MJ/SJ
Sample : J5598-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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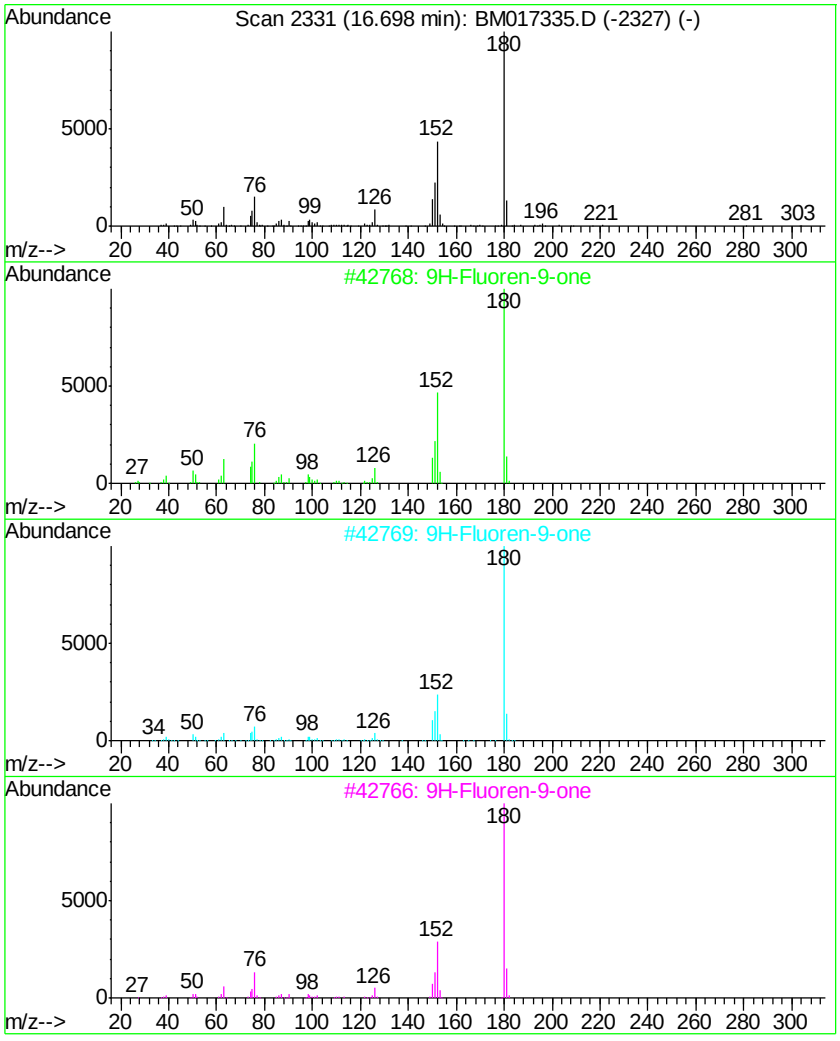
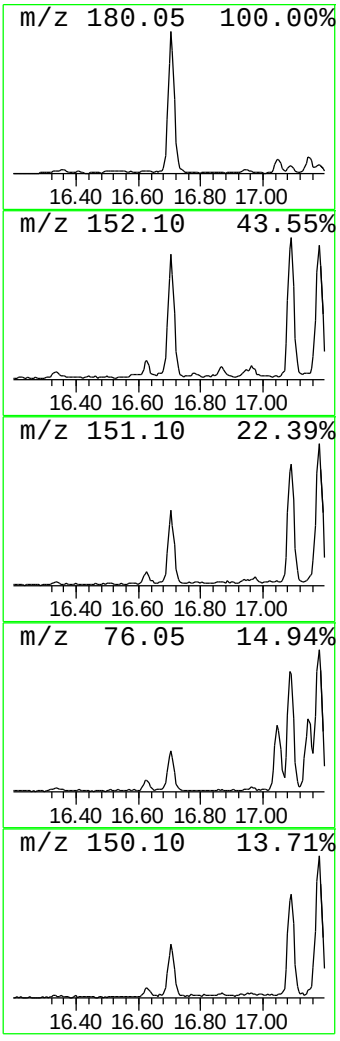
Peak Number 4 9H-Fluoren-9-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	2.42 ng/ul	612035	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	91





Library Search Compound Report

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Data File : BM017335.D
Acq On : 25 Oct 2018 01:57
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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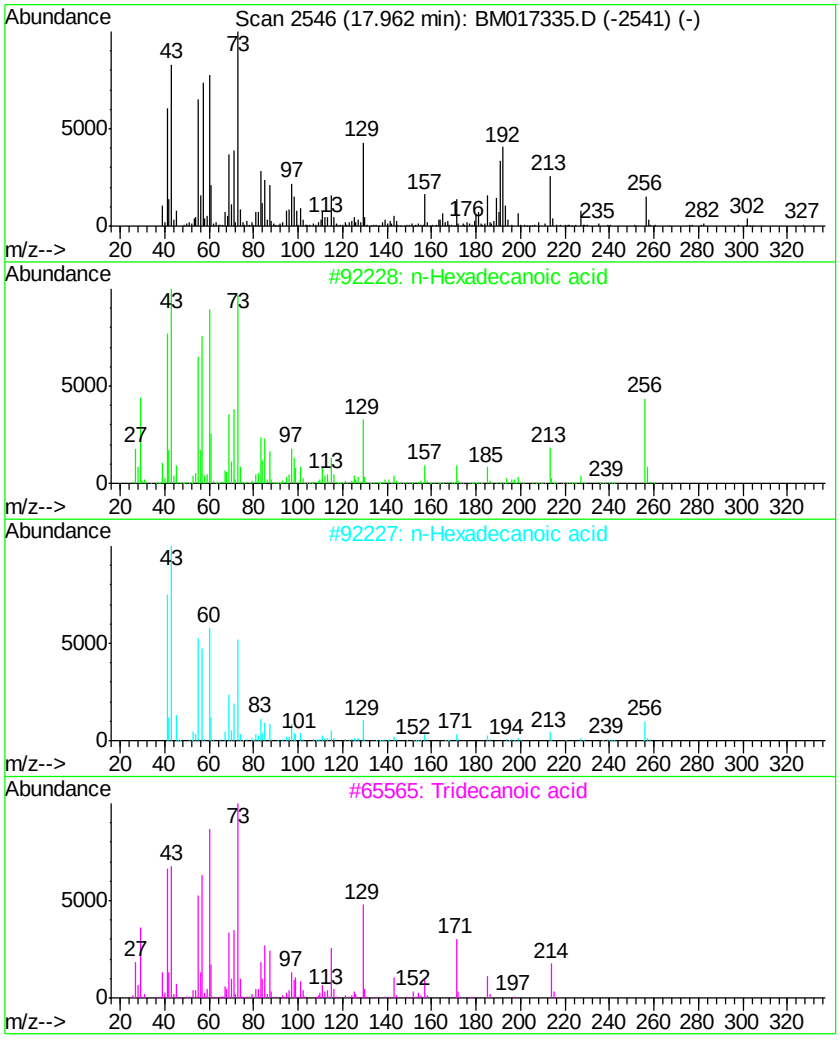
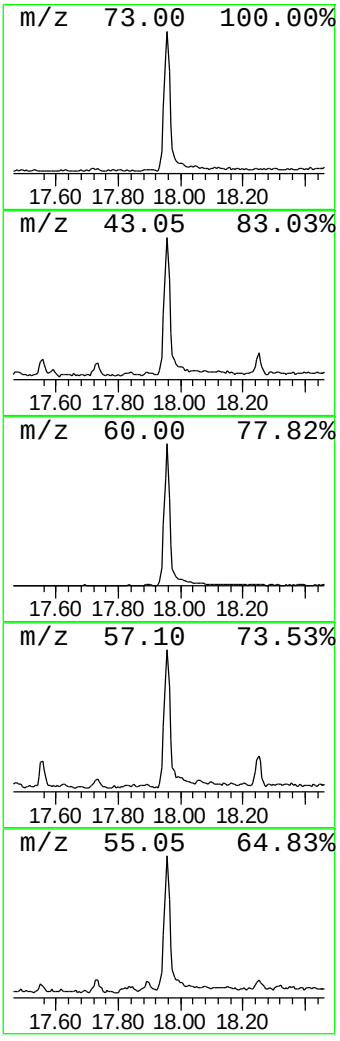
Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	5.67 ng/ul	1432780	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87





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Acq On : 25 Oct 2018 01:57
Operator : MJ/SJ
Sample : J5598-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE0

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Quant Title : SVOA CALIBRATION

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

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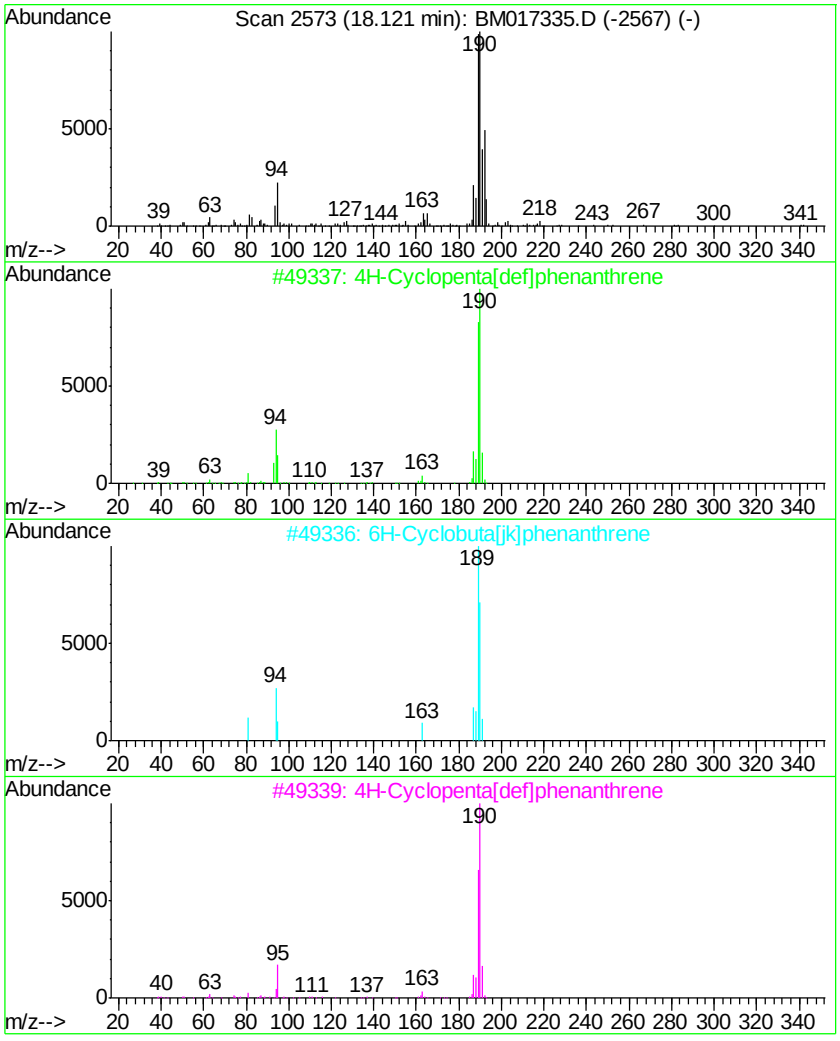
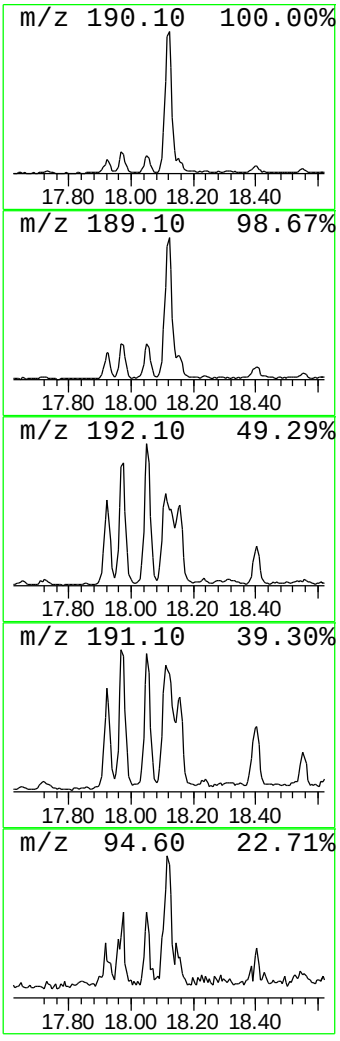
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	3.19 ng/ul	806426	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





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Instrument : BNA_M
ClientSampleId : C0AE0

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Quant Title : SVOA CALIBRATION

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

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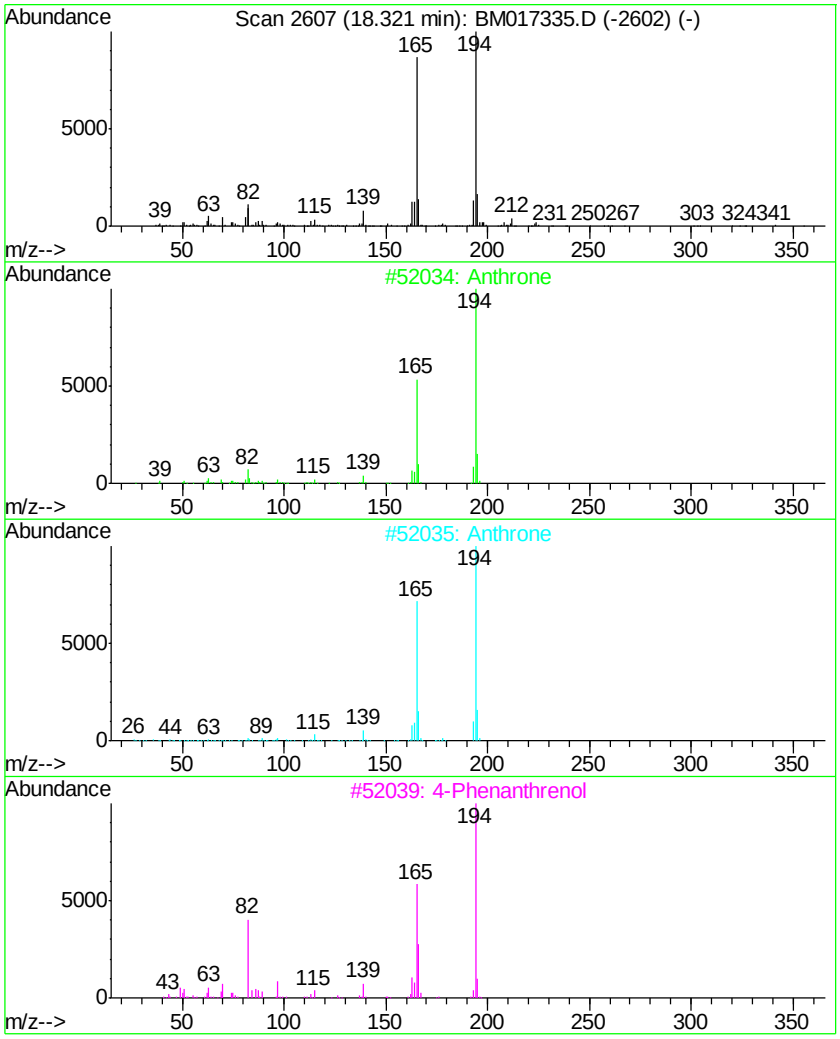
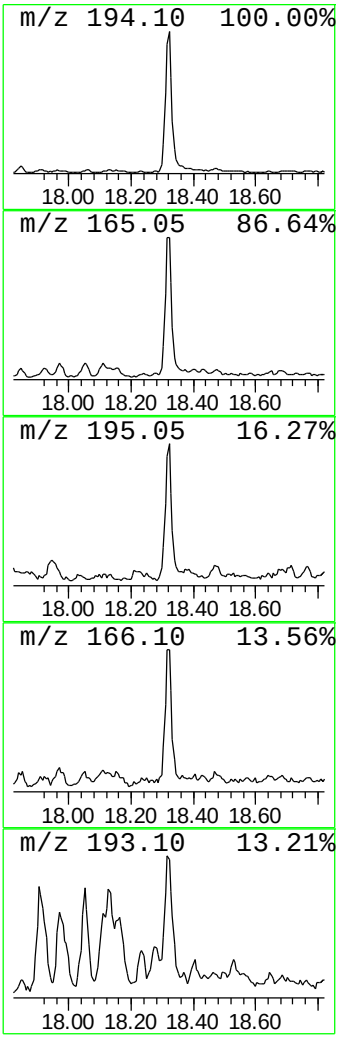
Peak Number 7 Anthrone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.54 ng/ul	642348	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	94
2	Anthrone	194	C14H10O	000090-44-8	93
3	4-Phenanthrenol	194	C14H10O	007651-86-7	87
4	5H-Dibenzo[a,d]cycloheptane-10,1...	222	C15H10O2	052559-75-8	87
5	1-Phenanthrenol	194	C14H10O	002433-56-9	87





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Quant Title : SVOA CALIBRATION

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

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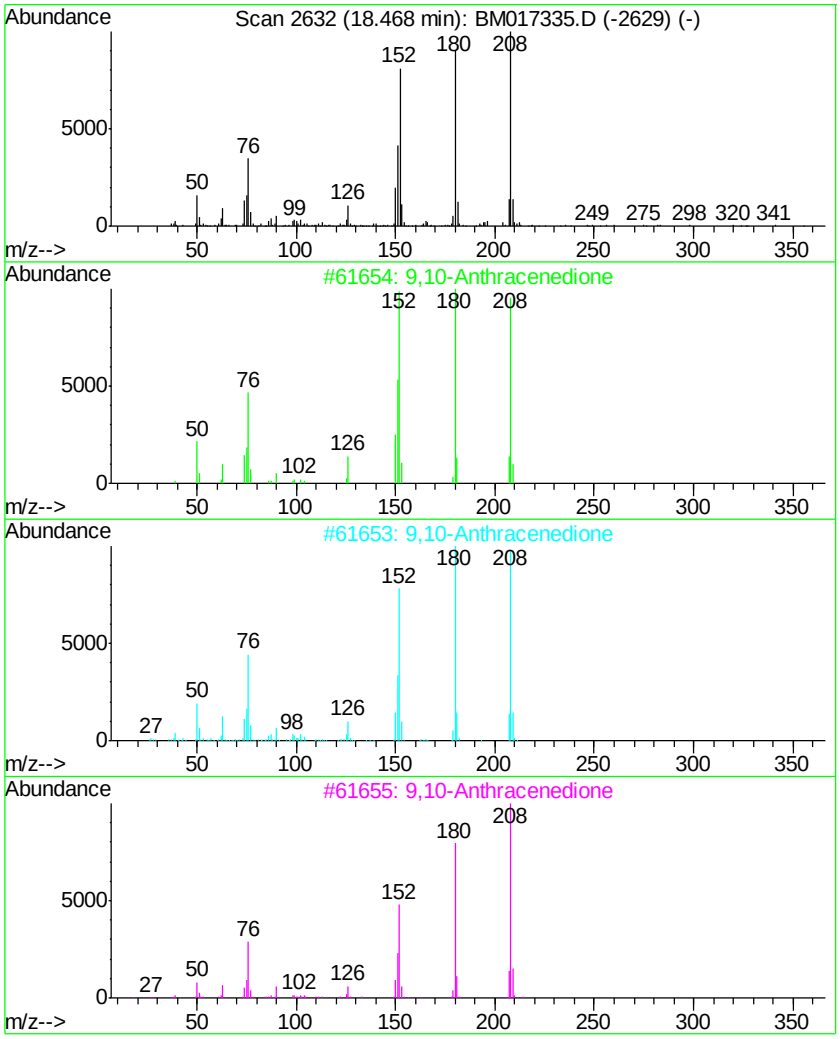
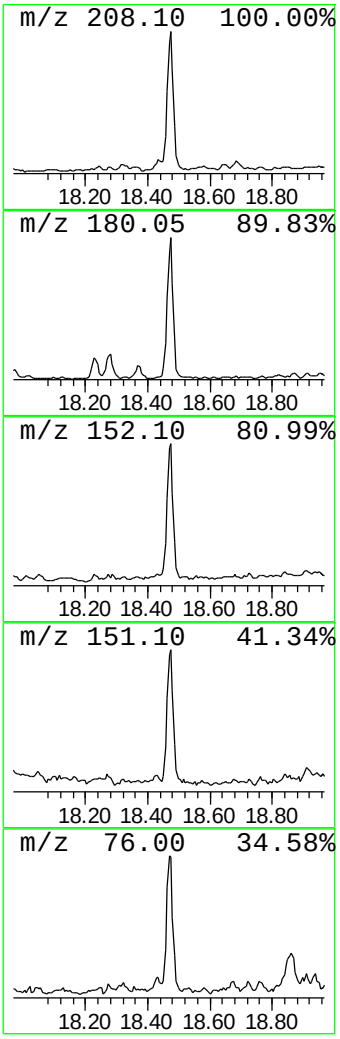
Peak Number 8 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	2.71 ng/ul	684592	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





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ClientSampleId : C0AE0

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Quant Title : SVOA CALIBRATION

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

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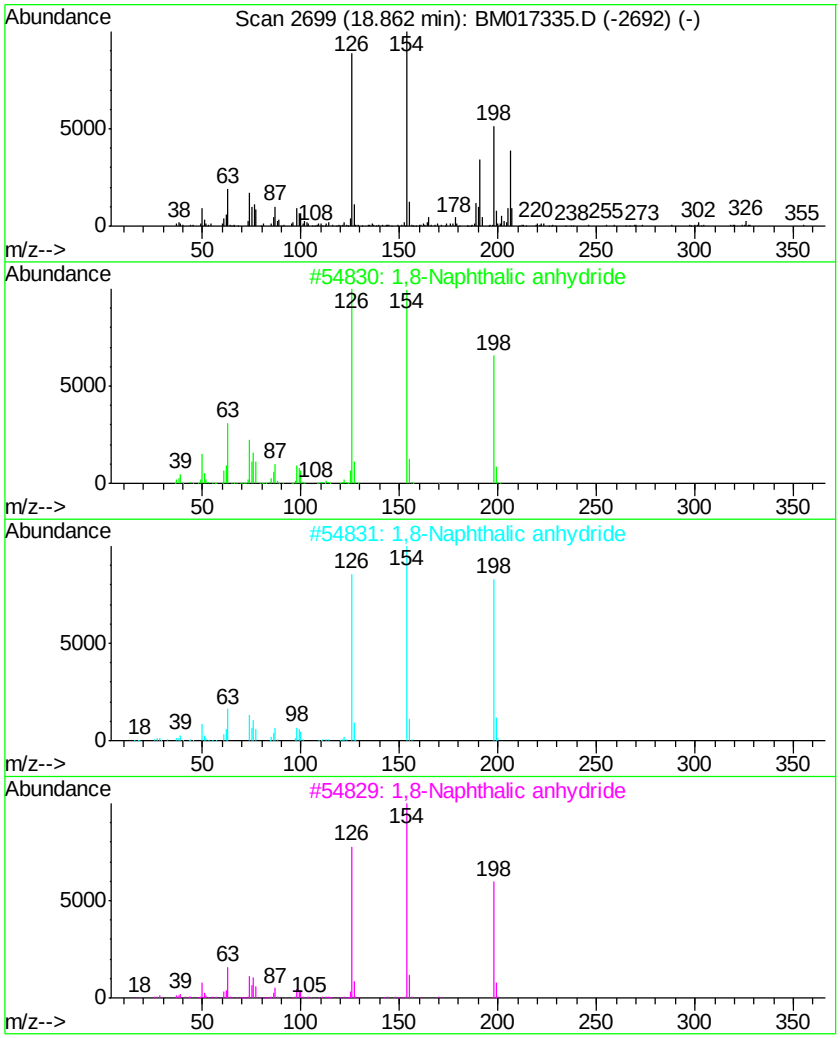
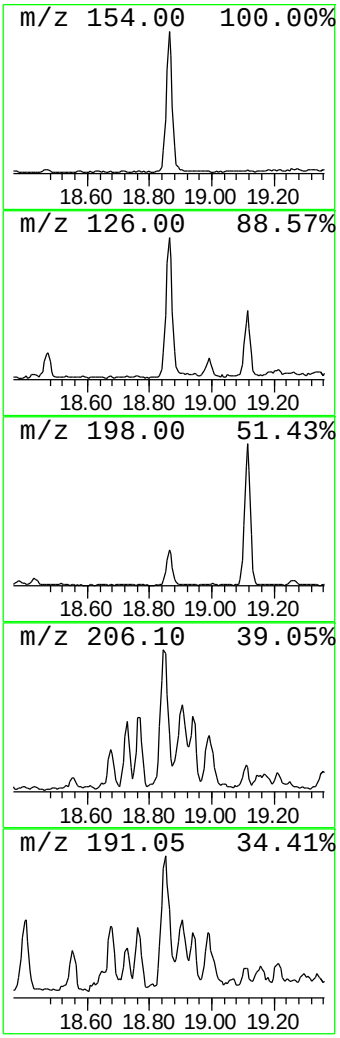
Peak Number 9 1,8-Naphthalic anhydride Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	3.58 ng/ul	903338	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,8-Naphthalic anhydride	198	C12H6O3	000081-84-5	97
2	1,8-Naphthalic anhydride	198	C12H6O3	000081-84-5	95
3	1,8-Naphthalic anhydride	198	C12H6O3	000081-84-5	95
4	1,8-Naphthalic anhydride	198	C12H6O3	000081-84-5	95
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	56





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Quant Title : SVOA CALIBRATION

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

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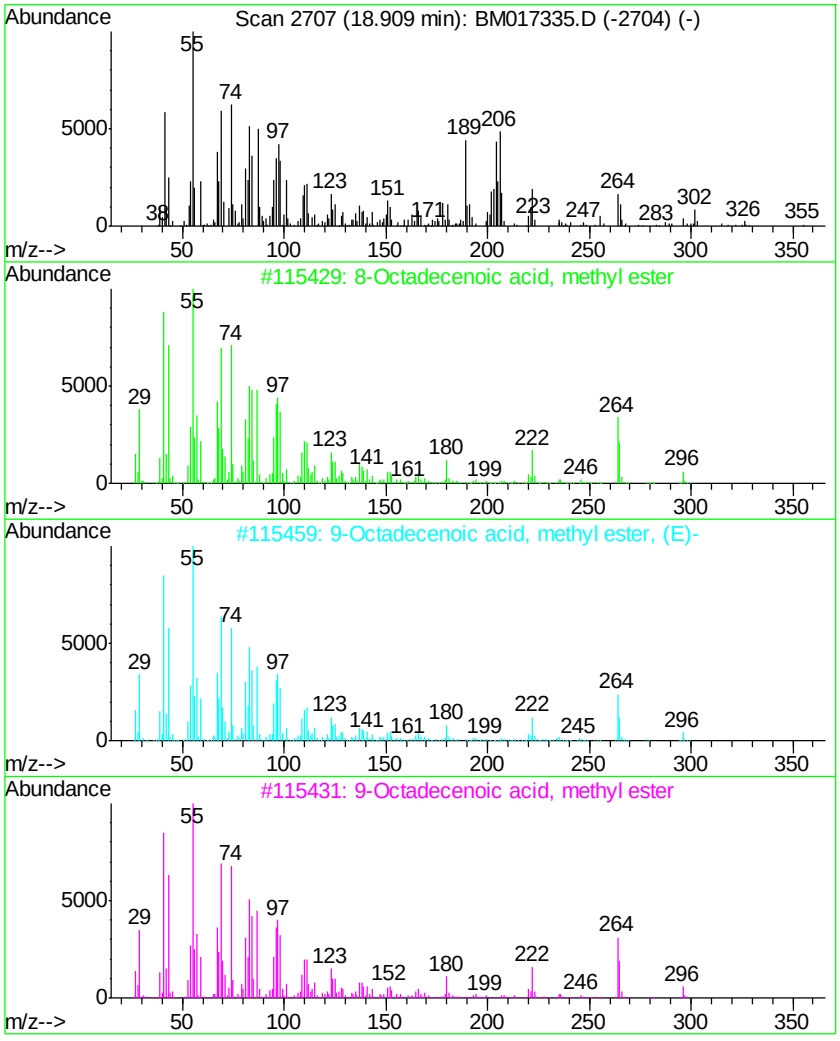
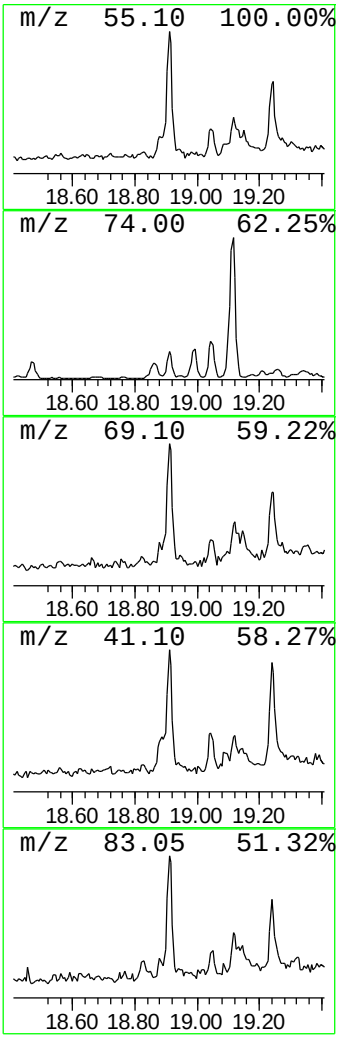
Peak Number 10 8-Octadecenoic acid, methyl... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	2.23 ng/ul	564423	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	95
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	95
3	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	95
4	8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	94
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93





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ClientSampleId : C0AE0

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Quant Title : SVOA CALIBRATION

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

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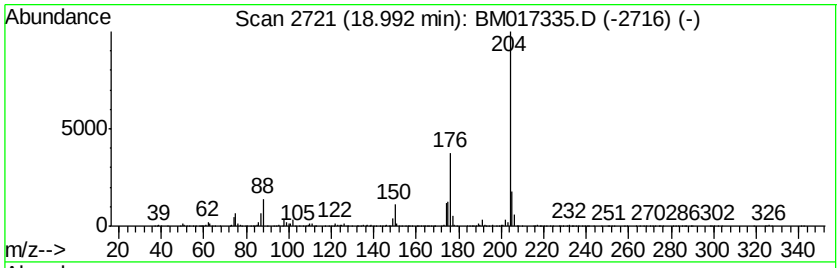
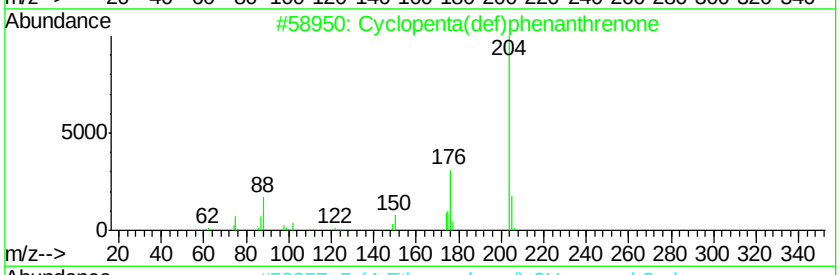
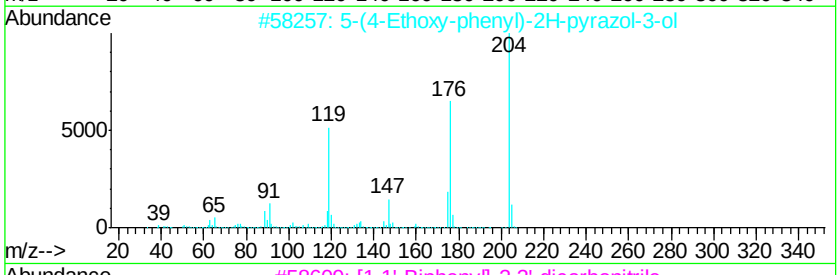
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 6

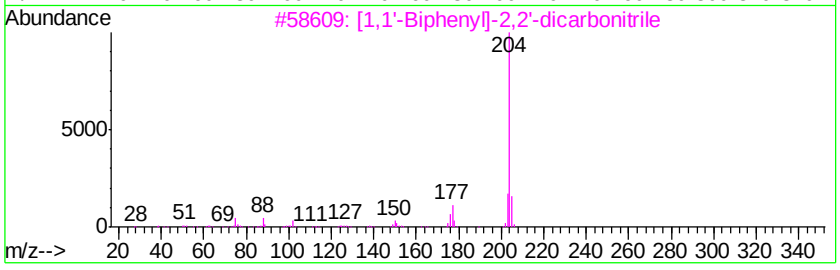
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	6.82 ng/ul	1721870	Phenanthrene-d10	17.04

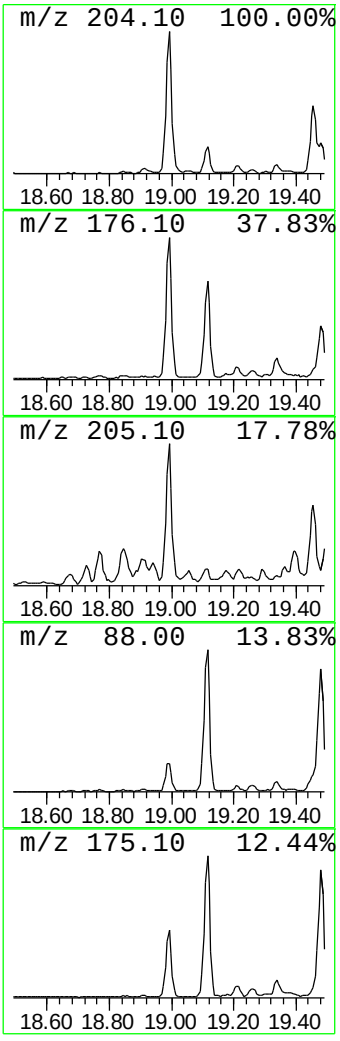
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	59
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53











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Misc :
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ClientSampleId : C0AE0

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Quant Title : SVOA CALIBRATION

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

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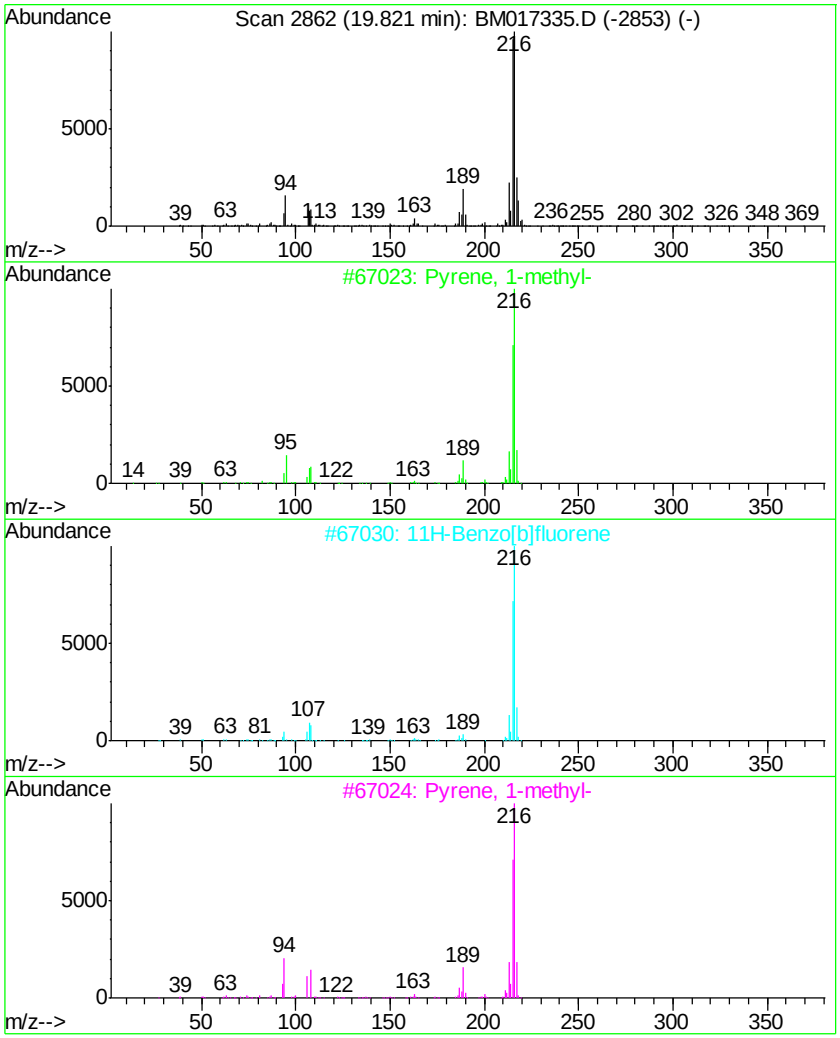
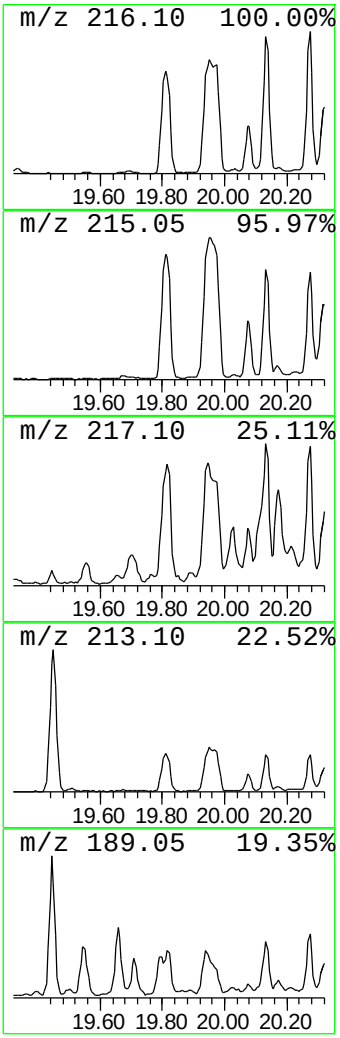
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	2.32 ng/ul	2846130	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





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ClientSampleId : C0AE0

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Quant Title : SVOA CALIBRATION

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

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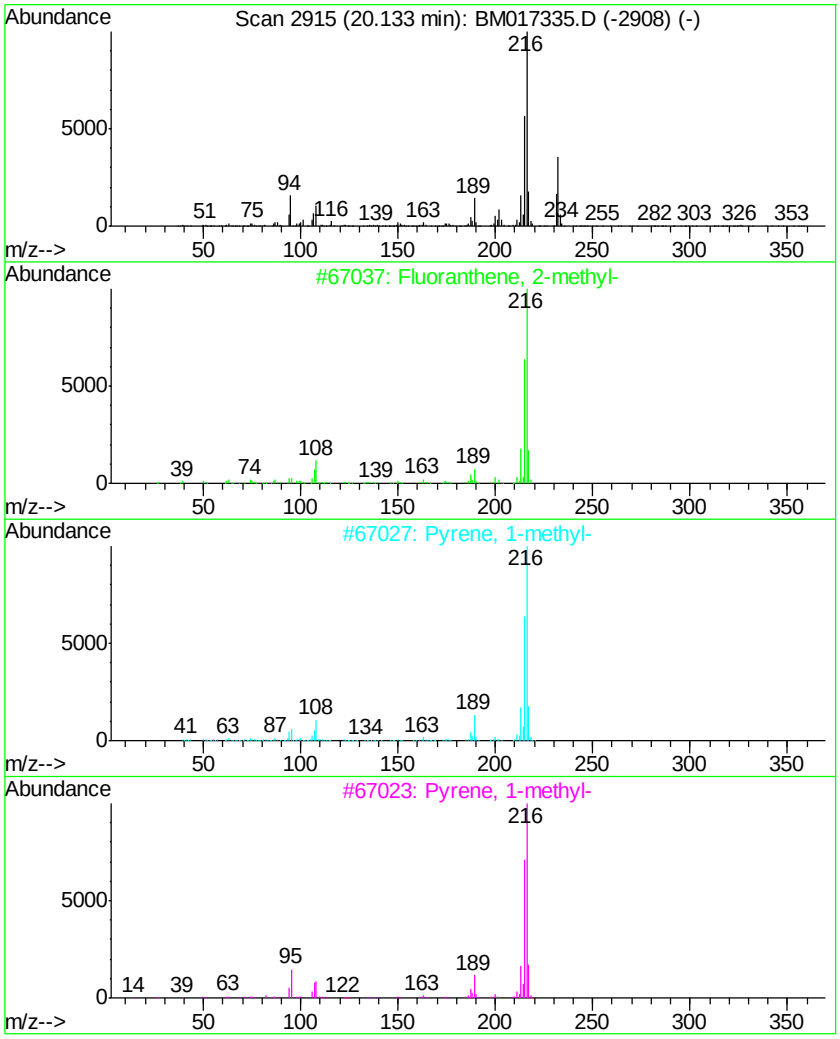
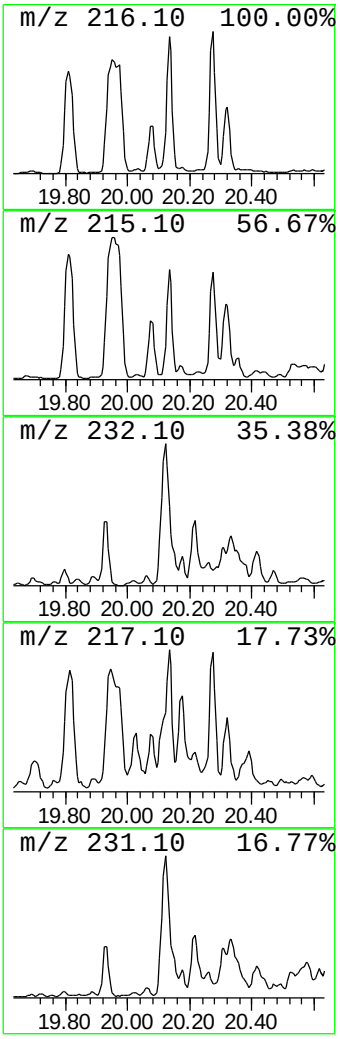
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	2.32 ng/ul	2849650	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94





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 15 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	2.52 ng/ul	3092570	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
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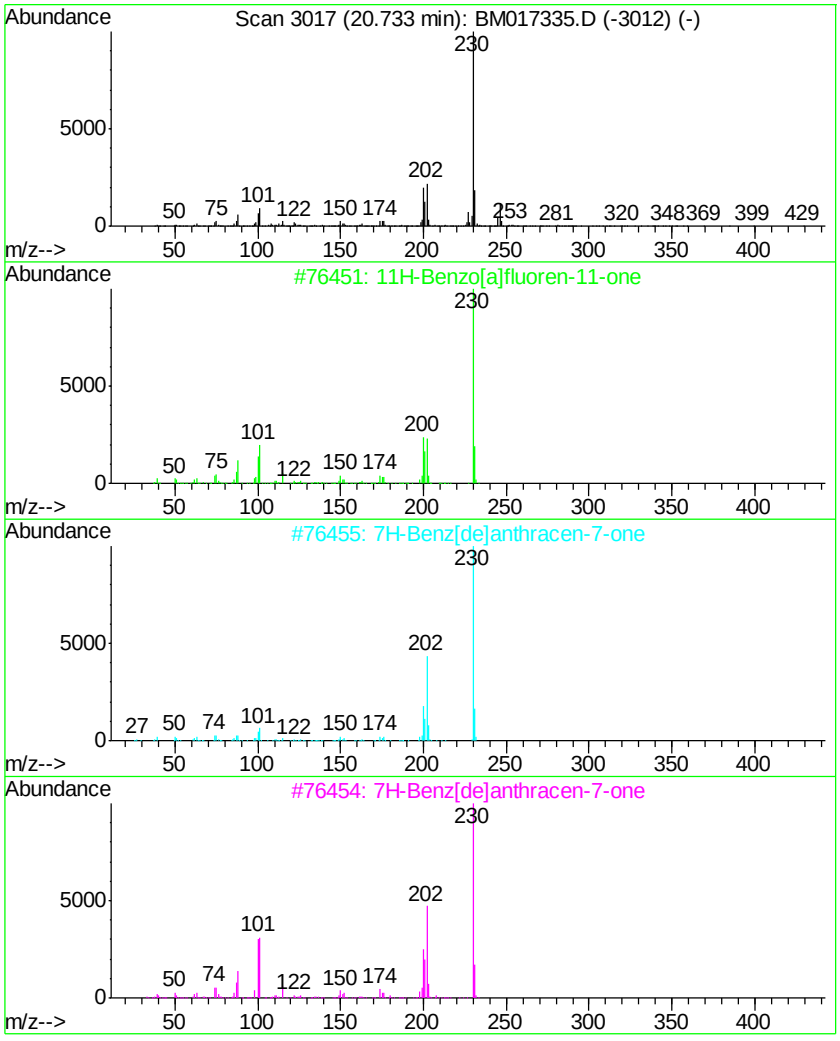

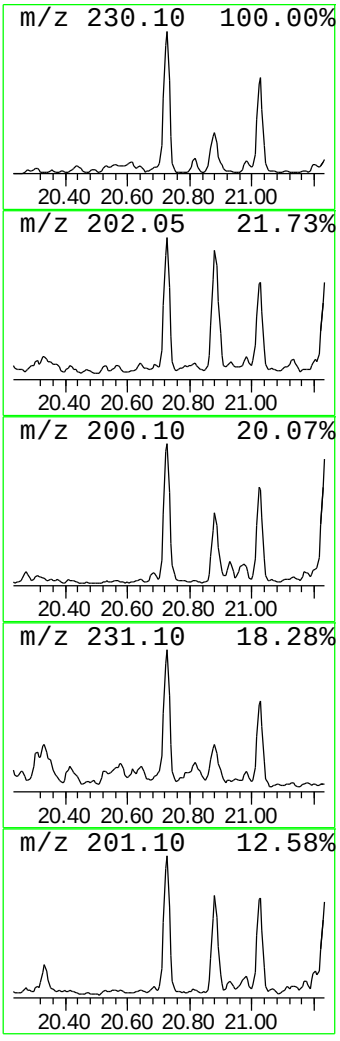

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Quant Title : SVOA CALIBRATION

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

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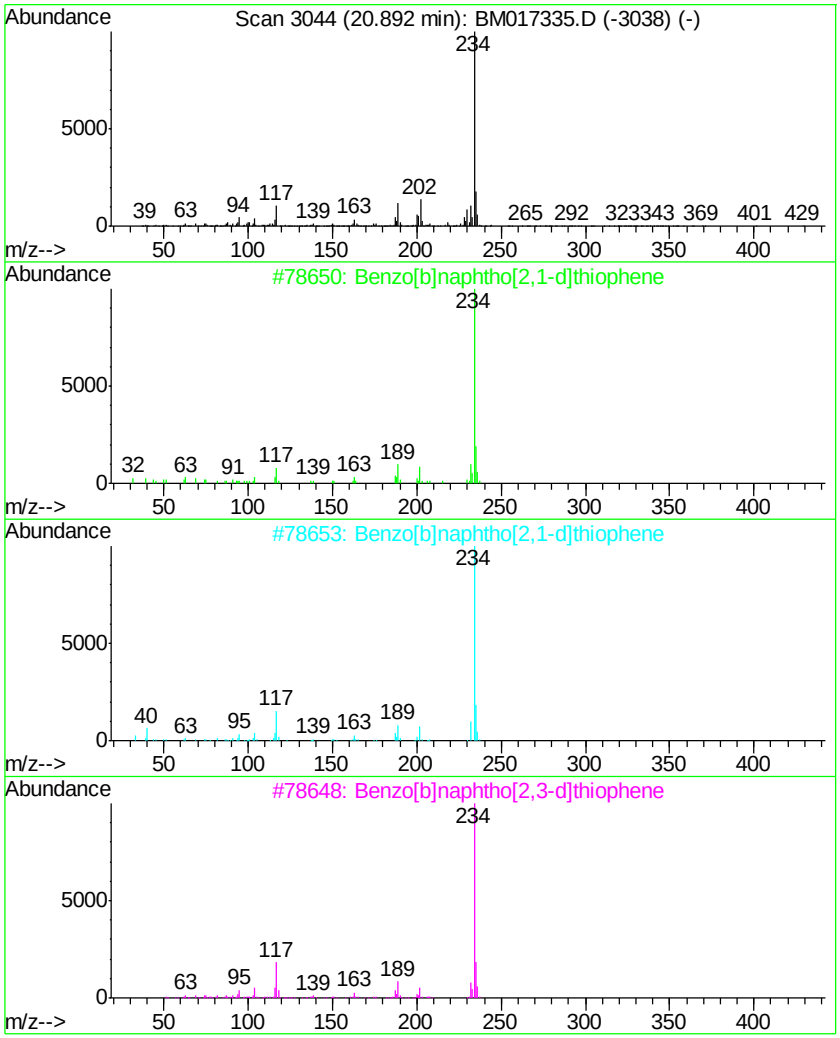
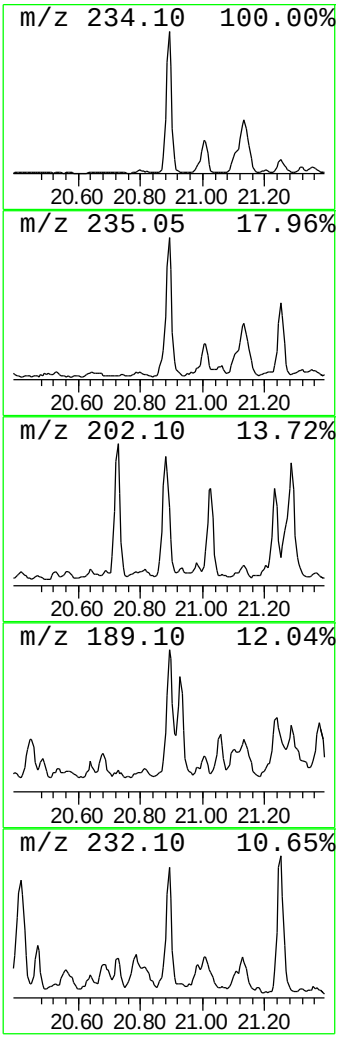
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	2.49 ng/ul	3061870	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87





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Quant Title : SVOA CALIBRATION

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

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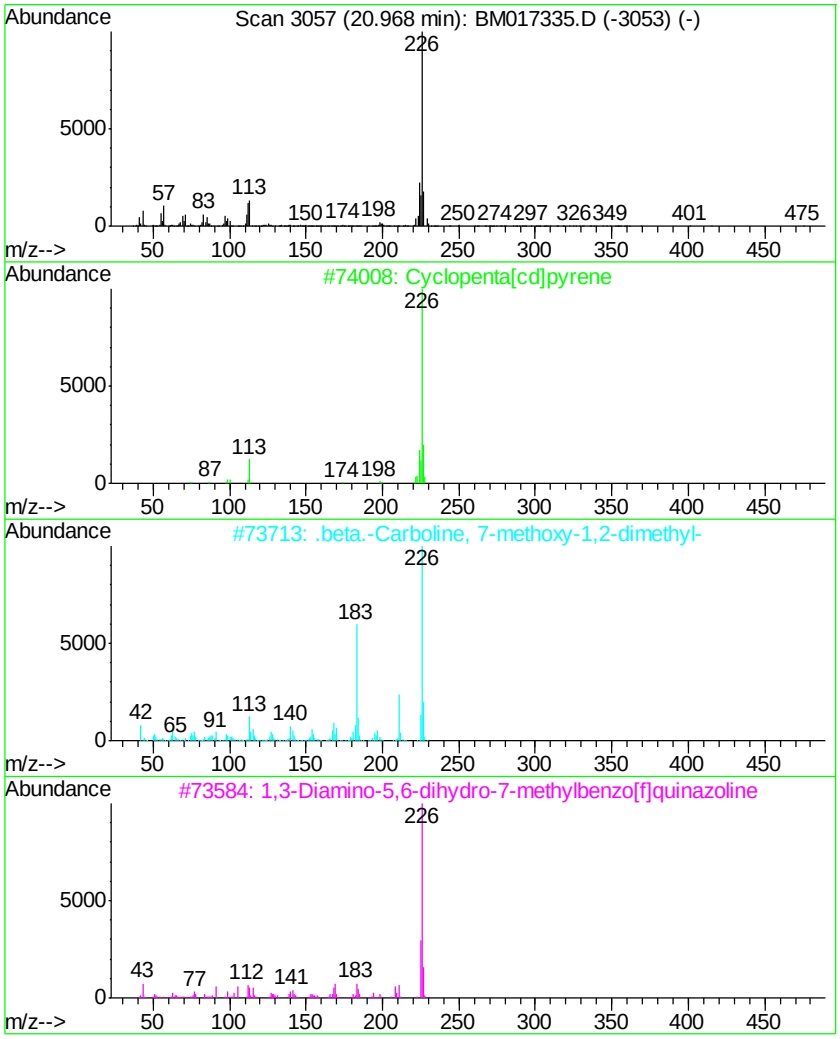
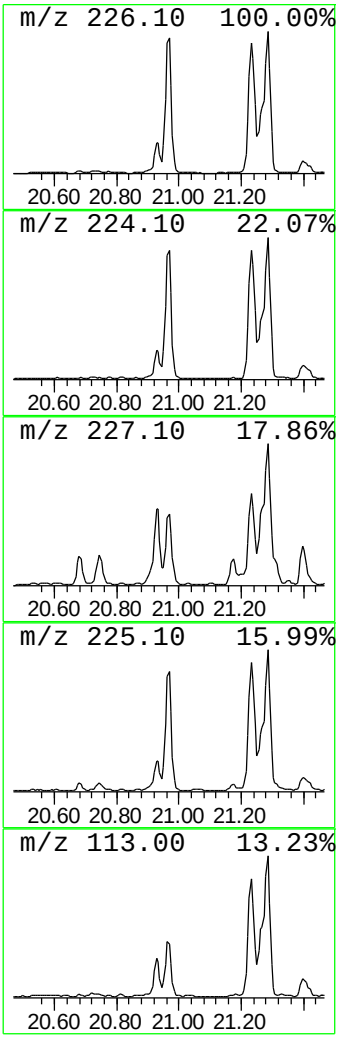
Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	4.23 ng/ul	5194920	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
3	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	42
4	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	38
5	9H-Xanthen-9-one, 2-methoxy-	226	C14H10O3	001214-20-6	28





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Data File : BM017335.D
Acq On : 25 Oct 2018 01:57
Operator : MJ/SJ
Sample : J5598-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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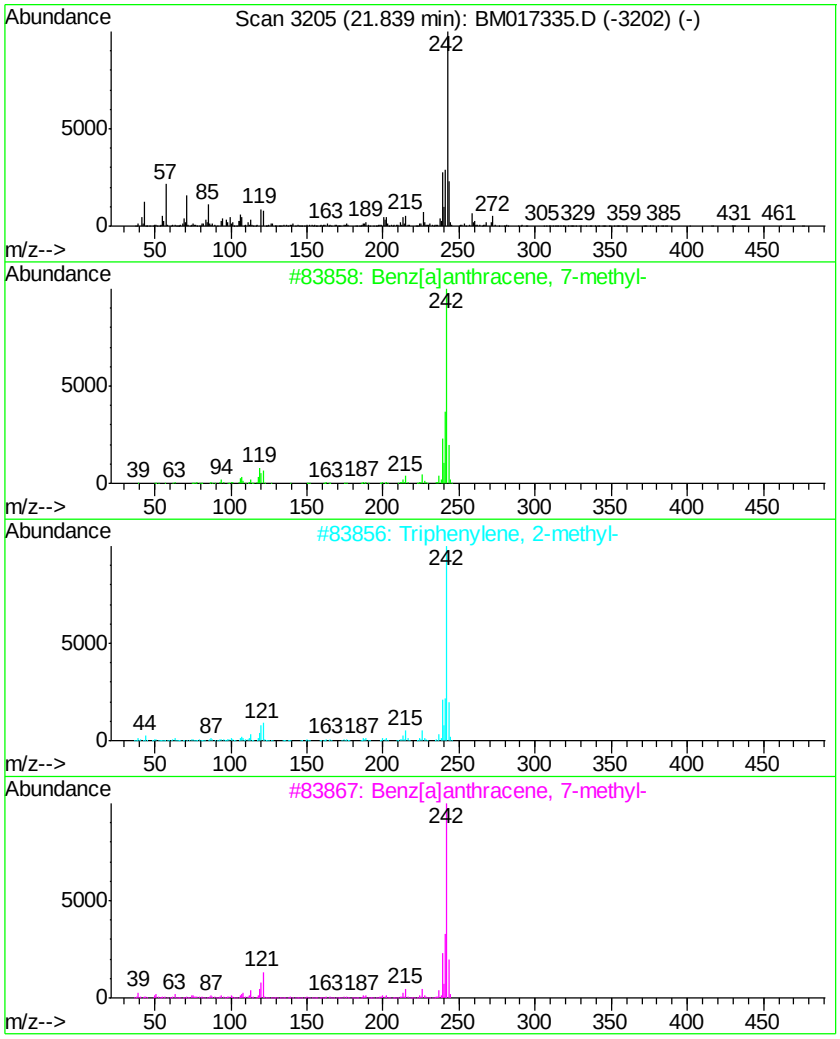
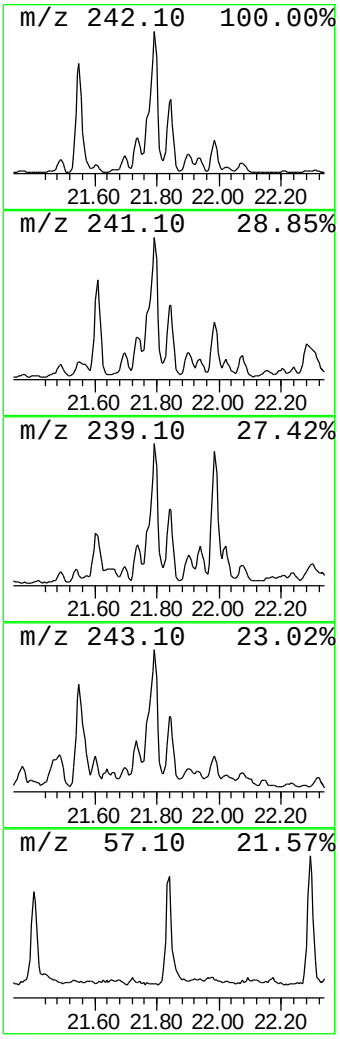
Peak Number 18 Benz[a]anthracene, 7-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	2.42 ng/ul	2969160	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	92
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	92
4	Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	92
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90





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Acq On : 25 Oct 2018 01:57
Operator : MJ/SJ
Sample : J5598-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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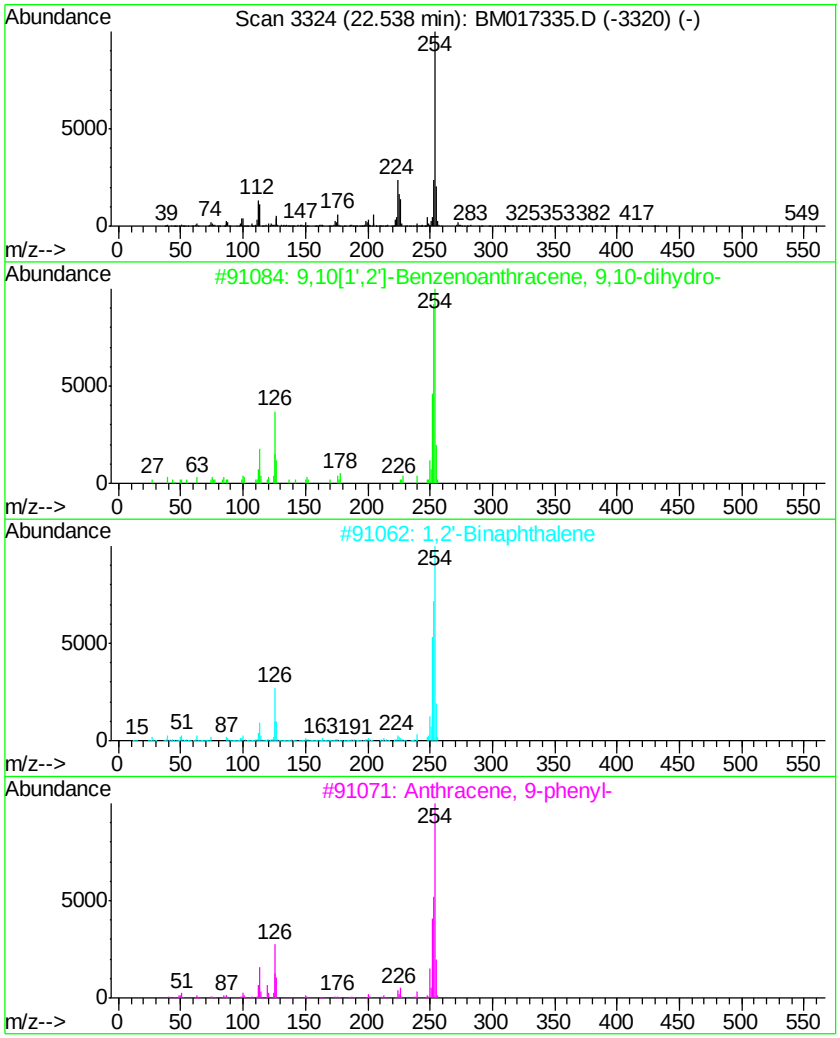
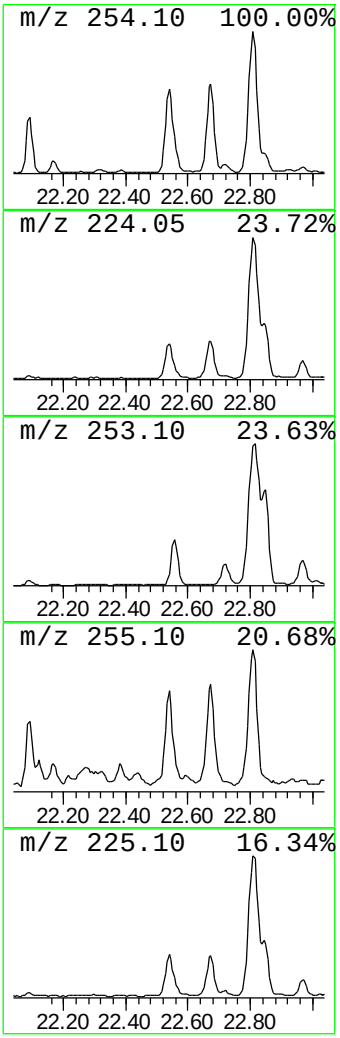
Peak Number 19 9,10[1',2']-Benzenoanthrace... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	14.59 ng/ul	3845800	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	70
2	1,2'-Binaphthalene	254	C20H14	004325-74-0	70
3	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	64
4	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	64
5	1,1'-Binaphthalene	254	C20H14	000604-53-5	62





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Data File : BM017335.D
Acq On : 25 Oct 2018 01:57
Operator : MJ/SJ
Sample : J5598-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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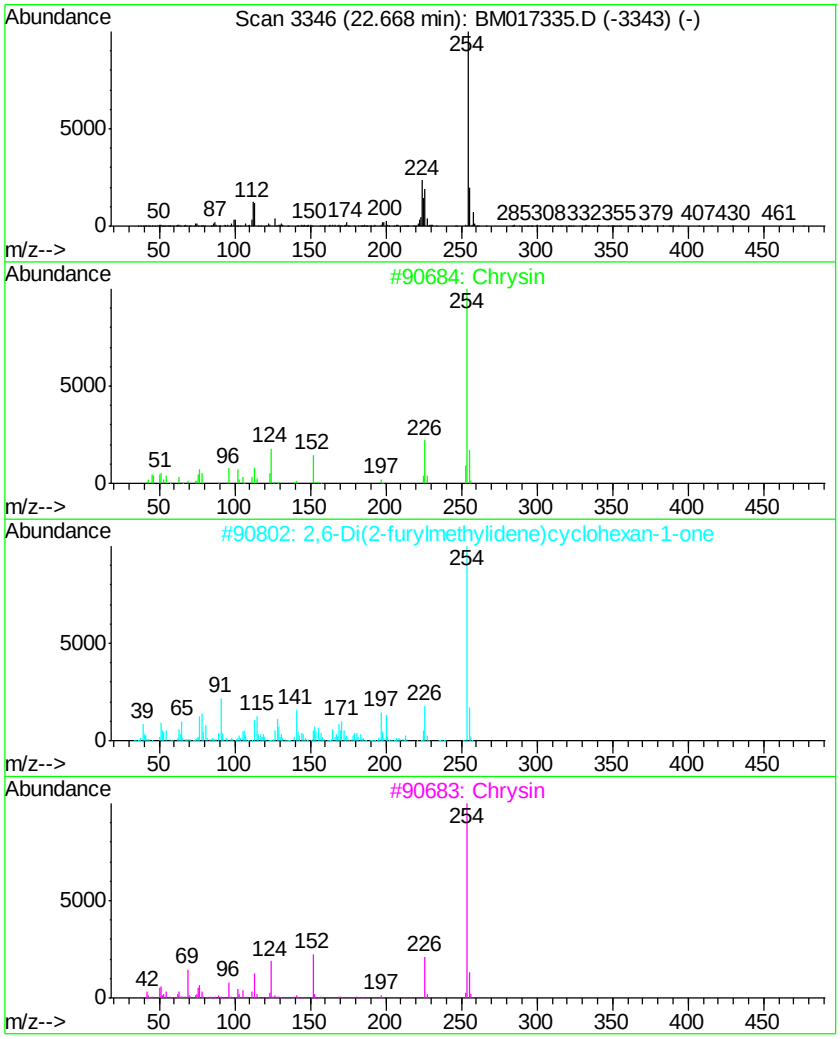
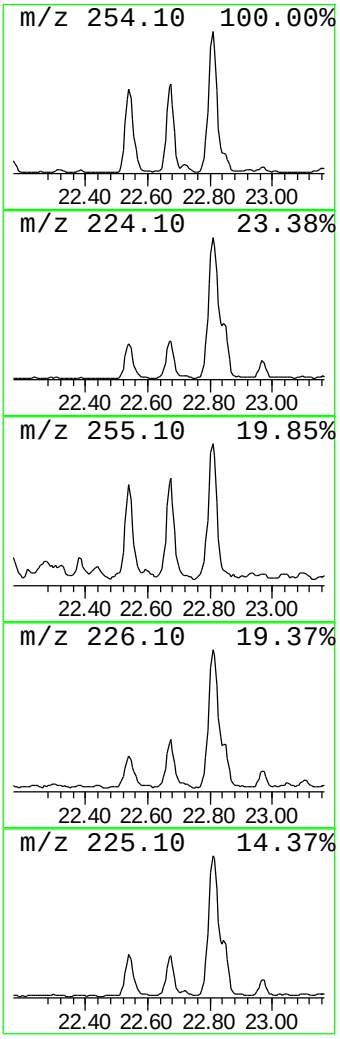
Peak Number 20 Chrysin Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	6.84 ng/ul	1801610	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysin	254	C15H10O4	000480-40-0	64
2	2,6-Di(2-furylmethylidene)cycloh...	254	C16H14O3	000893-00-5	53
3	Chrysin	254	C15H10O4	000480-40-0	50
4	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	50
5	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017335.D
Acq On : 25 Oct 2018 01:57
Operator : MJ/SJ
Sample : J5598-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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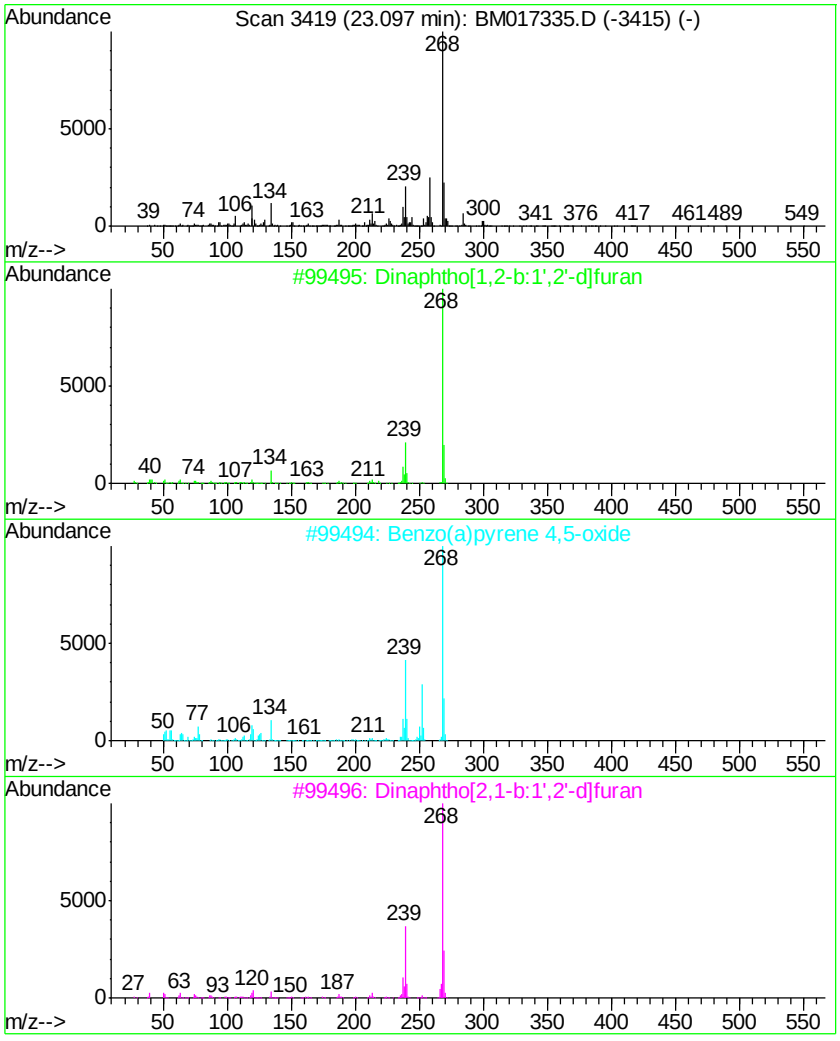
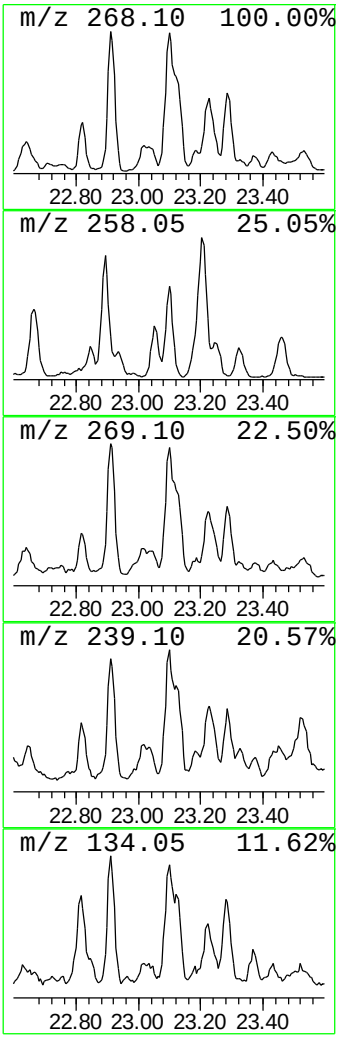
Peak Number 22 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.10	8.15 ng/ul	2149280	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	95
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	72
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	68
4	9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	53
5	Phenol, 2,2'-[1,2-ethanediylbis(...	268	C16H16N2O2	000094-93-9	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017335.D
Acq On : 25 Oct 2018 01:57
Operator : MJ/SJ
Sample : J5598-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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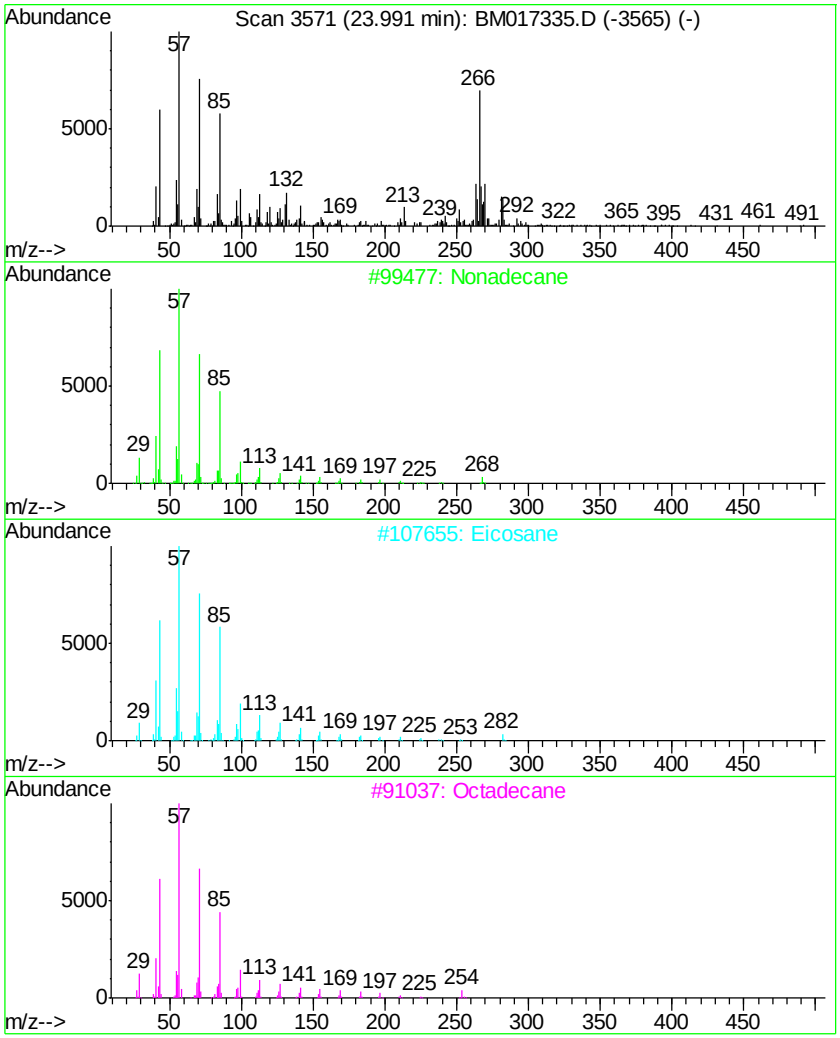
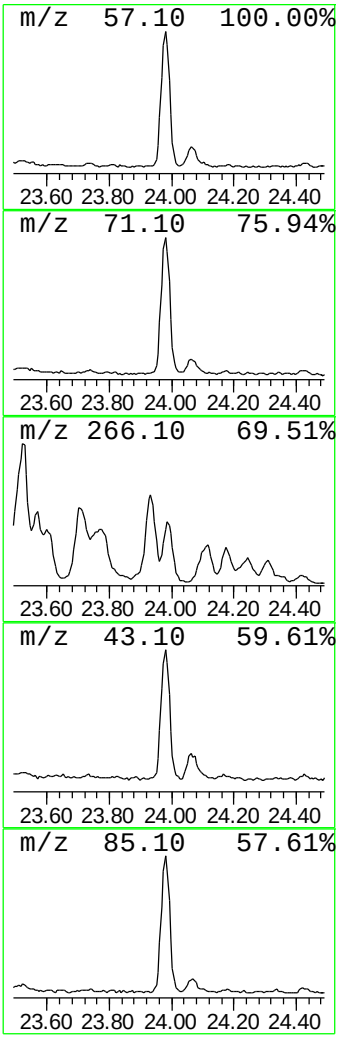
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	7.90 ng/ul	2082880	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Eicosane	282	C20H42	000112-95-8	90
3	Octadecane	254	C18H38	000593-45-3	89
4	Eicosane	282	C20H42	000112-95-8	70
5	Heneicosane	296	C21H44	000629-94-7	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017335.D
Acq On : 25 Oct 2018 01:57
Operator : MJ/SJ
Sample : J5598-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.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
Indene	8.19	2.6	ng/ul	250099	1	7.65	1889300	20.0
unknown-01	11.96	2.3	ng/ul	339867	2	10.43	3022160	20.0
1(2H)-Acenaphthyl...	16.03	2.1	ng/ul	524800	4	17.04	5051700	20.0
9H-Fluoren-9-one	16.70	2.4	ng/ul	612035	4	17.04	5051700	20.0
n-Hexadecanoic acid	17.96	5.7	ng/ul	1432780	4	17.04	5051700	20.0
4H-Cyclopenta[def...	18.12	3.2	ng/ul	806426	4	17.04	5051700	20.0
Anthrone	18.32	2.5	ng/ul	642348	4	17.04	5051700	20.0
9,10-Anthracenedione	18.47	2.7	ng/ul	684592	4	17.04	5051700	20.0
1,8-Naphthalic an...	18.86	3.6	ng/ul	903338	4	17.04	5051700	20.0
8-Octadecenoic ac...	18.91	2.2	ng/ul	564423	4	17.04	5051700	20.0
Cyclopenta(def)ph...	18.99	6.8	ng/ul	1721870	4	17.04	5051700	20.0
Pyrene, 1-methyl-	19.82	2.3	ng/ul	2846130	5	21.25	24575500	20.0
Fluoranthene, 2-m...	20.13	2.3	ng/ul	2849650	5	21.25	24575500	20.0
11H-Benzo[a]fluor...	20.73	2.5	ng/ul	3092570	5	21.25	24575500	20.0
Benzo[b]naphtho[2...	20.89	2.5	ng/ul	3061870	5	21.25	24575500	20.0
Cyclopenta[cd]pyrene	20.97	4.2	ng/ul	5194920	5	21.25	24575500	20.0
Benz[a]anthracene...	21.84	2.4	ng/ul	2969160	5	21.25	24575500	20.0
9,10[1',2']-Benze...	22.54	14.6	ng/ul	3845800	6	23.46	5271070	20.0
Chrysin	22.67	6.8	ng/ul	1801610	6	23.46	5271070	20.0
Dinaphtho[1,2-b:1...	23.10	8.2	ng/ul	2149280	6	23.46	5271070	20.0
(DEL) Alkane: Str...	23.99	7.9	ng/ul	2082880	6	23.46	5271070	20.0