LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020854.D
Acq On : 11 Jun 2019 02:37
Operator : HP/JU
Sample : K3017-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F0

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-BM060619MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.046	6	10	16	rBV	10996049	12297859	41.08%	4.872%
2	3.093	16	18	28	rVB	247045	311083	1.04%	0.123%
3	3.305	51	54	61	rVB	52263	75789	0.25%	0.030%
4	3.816	137	141	149	rVV	183999	223892	0.75%	0.089%
5	3.934	157	161	167	rVB	90954	126878	0.42%	0.050%
6	4.246	209	214	219	rBV	117365	160797	0.54%	0.064%
7	4.928	326	330	339	rVB	100445	159406	0.53%	0.063%
8	5.028	343	347	356	rBV	60663	92350	0.31%	0.037%
9	6.969	670	677	690	rVB	843872	1425406	4.76%	0.565%
10	7.146	701	707	717	rBV	685295	1053508	3.52%	0.417%
11	7.340	733	740	752	rBV	946931	1476835	4.93%	0.585%
12	7.810	811	820	826	rBV	1276448	2049043	6.84%	0.812%
13	8.504	932	938	948	rBV	1018627	1658500	5.54%	0.657%
14	8.969	1009	1017	1026	rBV	803754	1336059	4.46%	0.529%
15	9.687	1131	1139	1145	rBV	663215	1097329	3.67%	0.435%
16	10.216	1222	1229	1237	rVB	1077005	1734982	5.80%	0.687%
17	10.310	1239	1245	1254	rBV	173615	338738	1.13%	0.134%
18	10.598	1286	1294	1301	rBV	1737618	2801799	9.36%	1.110%
19	10.739	1311	1318	1323	rBV	392600	692243	2.31%	0.274%
20	10.786	1323	1326	1333	rVB	97985	162972	0.54%	0.065%
21	12.128	1546	1554	1561	rBV	124122	213802	0.71%	0.085%
22	13.763	1826	1832	1838	rVB2	79086	121486	0.41%	0.048%
23	13.857	1838	1848	1852	rBV	1721151	2416877	8.07%	0.958%
24	13.904	1852	1856	1862	rVB	645602	864112	2.89%	0.342%
25	14.139	1889	1896	1911	rVV	1954549	3036089	10.14%	1.203%
26	14.445	1941	1948	1955	rBV2	2372305	3508605	11.72%	1.390%
27	14.510	1955	1959	1966	rVB	80562	129789	0.43%	0.051%
28	14.645	1976	1982	1988	rBV	482694	749395	2.50%	0.297%
29	14.845	2012	2016	2023	rVV	52582	99994	0.33%	0.040%
30	15.439	2110	2117	2123	rBV	2443815	3484484	11.64%	1.380%
31	15.498	2123	2127	2132	rVB	105677	156521	0.52%	0.062%
32	15.557	2132	2137	2144	rBV	340054	515636	1.72%	0.204%
33	15.680	2152	2158	2165	rVB5	35411	65650	0.22%	0.026%
34	16.174	2234	2242	2247	rBV3	81416	149352	0.50%	0.059%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
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Acq On : 11 Jun 2019 02:37
Operator : HP/JU
Sample : K3017-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F0

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-BM060619MA.M
Title : SVOA CALIBRATION

35	16.374	2271	2276	2278	rVV	113055	179157	0.60%	0.071%
36	16.404	2278	2281	2286	rVB	137047	183936	0.61%	0.073%
37	16.845	2351	2356	2363	rVB	199963	310165	1.04%	0.123%
38	16.910	2363	2367	2371	rBV4	49695	103235	0.34%	0.041%
39	17.010	2380	2384	2392	rVB	191130	281541	0.94%	0.112%
40	17.192	2409	2415	2418	rVV	2671709	3793471	12.67%	1.503%
41	17.233	2418	2422	2427	rVV	4144892	5871542	19.61%	2.326%
42	17.292	2427	2432	2436	rVV	2428629	3569513	11.92%	1.414%
43	17.321	2436	2437	2442	rVV	347376	335743	1.12%	0.133%
44	17.386	2442	2448	2455	rVB	454129	680749	2.27%	0.270%
45	17.598	2475	2484	2493	rBV	734660	1249257	4.17%	0.495%
46	17.710	2500	2503	2508	rVB3	76129	102303	0.34%	0.041%
47	17.768	2509	2513	2520	rVB4	72157	127493	0.43%	0.051%
48	18.074	2559	2565	2568	rVV2	532239	1054168	3.52%	0.418%
49	18.109	2568	2571	2578	rVB	552455	834116	2.79%	0.330%
50	18.262	2591	2597	2601	rBV3	690809	1216002	4.06%	0.482%
51	18.298	2601	2603	2609	rVB2	246521	277762	0.93%	0.110%
52	18.374	2612	2616	2619	rBV4	84339	125689	0.42%	0.050%
53	18.415	2619	2623	2626	rVV2	71232	91826	0.31%	0.036%
54	18.568	2644	2649	2652	rBV	432824	620321	2.07%	0.246%
55	18.609	2652	2656	2663	rVB	1690531	2248574	7.51%	0.891%
56	18.809	2687	2690	2694	rVB2	103072	123110	0.41%	0.049%
57	18.862	2696	2699	2702	rVV	115970	138250	0.46%	0.055%
58	18.898	2702	2705	2709	rVB	99303	119088	0.40%	0.047%
59	18.992	2715	2721	2726	rBV2	310765	690214	2.31%	0.273%
60	19.127	2739	2744	2749	rBV	545123	822305	2.75%	0.326%
61	19.251	2756	2765	2771	rBV	15110203	20429606	68.24%	8.094%
62	19.351	2778	2782	2786	rBV2	301307	476675	1.59%	0.189%
63	19.445	2793	2798	2801	rBV3	235306	408043	1.36%	0.162%
64	19.492	2803	2806	2810	rVB	376187	455109	1.52%	0.180%
65	19.580	2816	2821	2823	rBV3	4237761	5876533	19.63%	2.328%
66	19.615	2823	2827	2834	rVB	11833055	15708032	52.47%	6.223%
67	19.680	2834	2838	2843	rBV3	426652	611724	2.04%	0.242%
68	19.786	2852	2856	2861	rBV	508118	778715	2.60%	0.309%
69	19.851	2863	2867	2872	rBV	697396	1110250	3.71%	0.440%
70	19.939	2876	2882	2888	rVV4	623394	1687919	5.64%	0.669%
71	20.062	2900	2903	2906	rBV4	250477	502582	1.68%	0.199%

LSC Area Percent Report

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Acq On : 11 Jun 2019 02:37
Operator : HP/JU
Sample : K3017-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F0

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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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Title : SVOA CALIBRATION

72	20.103	2906	2910	2916	rVB	1136923	1703571	5.69%	0.675%
73	20.203	2923	2927	2930	rBV	734912	861034	2.88%	0.341%
74	20.262	2931	2937	2941	rBV2	716170	1131885	3.78%	0.448%
75	20.298	2941	2943	2947	rVB	297251	342822	1.15%	0.136%
76	20.345	2947	2951	2954	rBV2	195985	308200	1.03%	0.122%
77	20.403	2957	2961	2964	rBV2	454895	621720	2.08%	0.246%
78	20.451	2965	2969	2971	rBV2	441646	627129	2.09%	0.248%
79	20.850	3033	3037	3044	rVB	1664281	2237329	7.47%	0.886%
80	21.015	3059	3065	3069	rBV2	1729381	2946974	9.84%	1.168%
81	21.056	3069	3072	3074	rBV	795147	961817	3.21%	0.381%
82	21.145	3083	3087	3098	rVB2	1707577	2410527	8.05%	0.955%
83	21.250	3103	3105	3111	rVV	420271	636620	2.13%	0.252%
84	21.356	3114	3123	3128	rVV3	7137738	15374843	51.36%	6.091%
85	21.409	3128	3132	3141	rVB	8273982	11423857	38.16%	4.526%
86	21.521	3147	3151	3157	rBV	1022052	1477878	4.94%	0.586%
87	21.574	3157	3160	3166	rVV3	573389	863041	2.88%	0.342%
88	21.686	3174	3179	3184	rBV2	1129931	2007939	6.71%	0.796%
89	21.986	3226	3230	3235	rVB2	1448874	2402999	8.03%	0.952%
90	22.127	3251	3254	3257	rBV	518154	680617	2.27%	0.270%
91	22.974	3389	3398	3410	rBV	9245606	29938053	100.00%	11.861%
92	23.139	3423	3426	3432	rVB	823838	1307582	4.37%	0.518%
93	23.462	3475	3481	3486	rBV	4835560	9104947	30.41%	3.607%
94	23.509	3486	3489	3493	rVV2	2059904	3901013	13.03%	1.546%
95	23.562	3493	3498	3504	rVB	6137406	10793377	36.05%	4.276%
96	23.656	3509	3514	3518	rVV	2272301	4366207	14.58%	1.730%
97	23.709	3519	3523	3531	rVB3	1643808	3208422	10.72%	1.271%
98	24.191	3601	3605	3614	rVB2	1026438	2201322	7.35%	0.872%
99	25.980	3900	3909	3921	rVB	4121453	12528086	41.85%	4.963%
100	26.697	4022	4031	4039	rBV	2734233	8057541	26.91%	3.192%

Sum of corrected areas: 252409330

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Misc :
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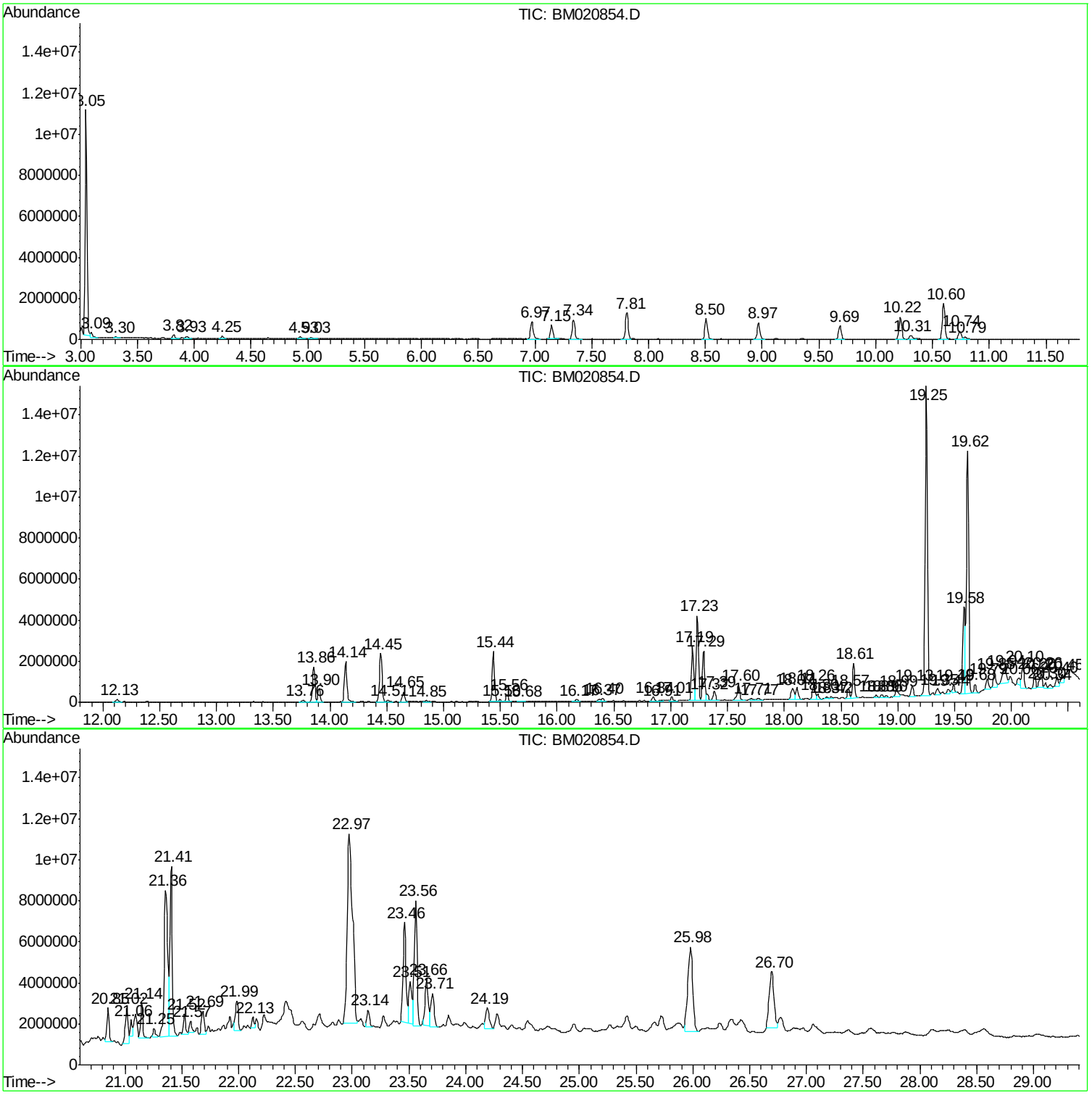
Instrument : BNA_M
ClientSampleId : A51F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.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\BM061019\
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Quant Title : SVOA CALIBRATION

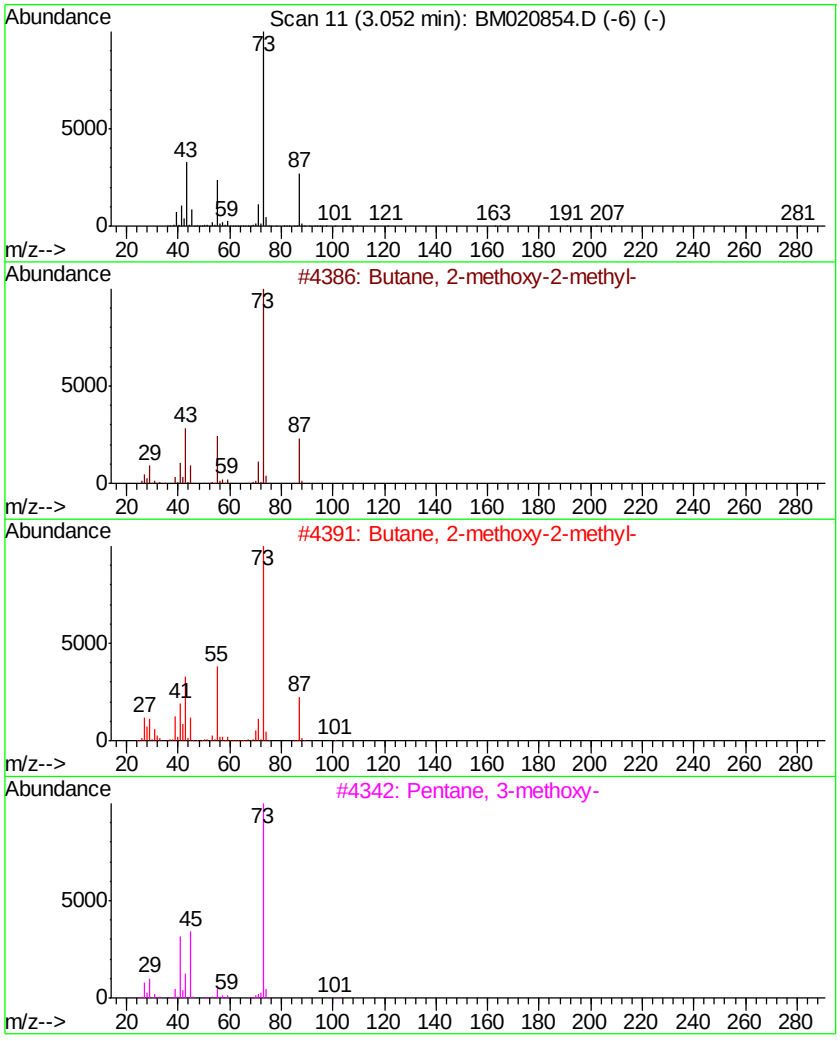
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

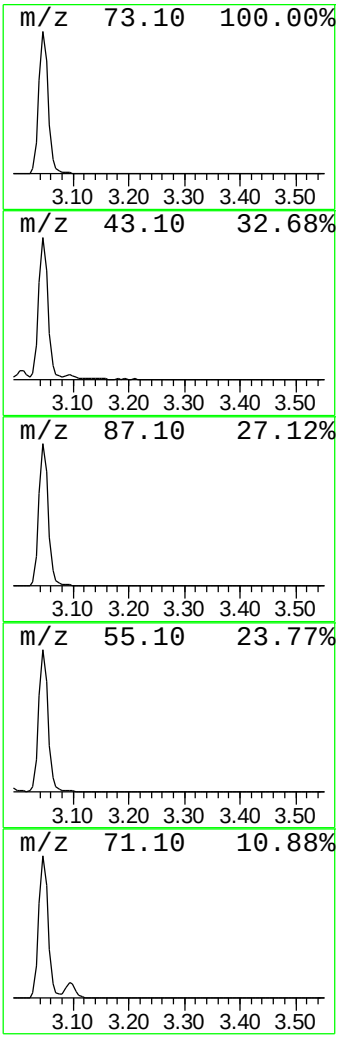
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	120.04 ng/ul	12297900	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020854.D
Acq On : 11 Jun 2019 02:37
Operator : HP/JU
Sample : K3017-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

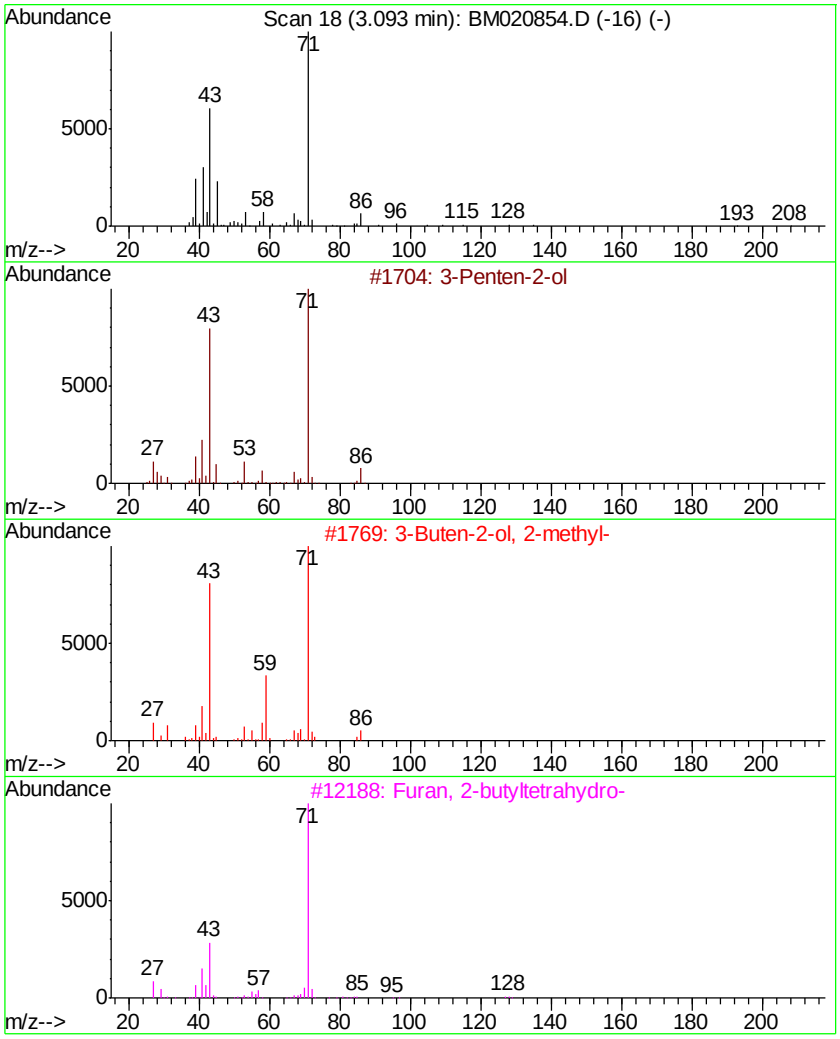
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

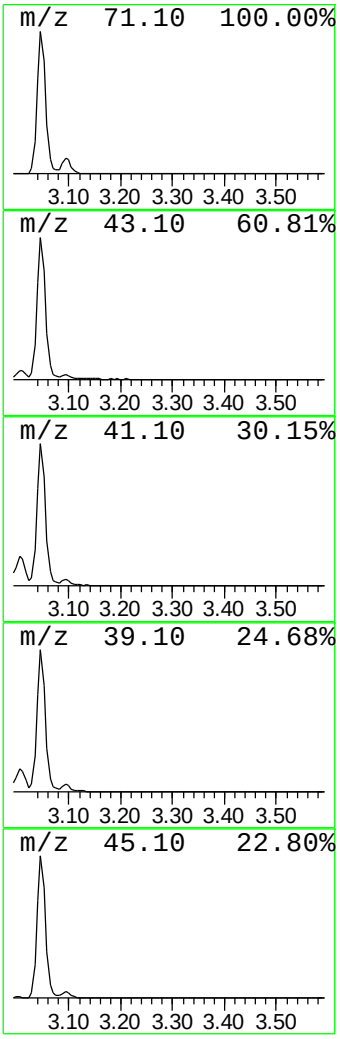
****

Peak Number 2 3-Penten-2-ol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	3.04 ng/ul	311083	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-ol	86	C5H10O	001569-50-2	72
2	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	64
3	Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	50
4	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	36
5	Trichloroacetic acid, 2-tetrahyd...	246	C7H9Cl3O3	004743-27-5	36





Library Search Compound Report

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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

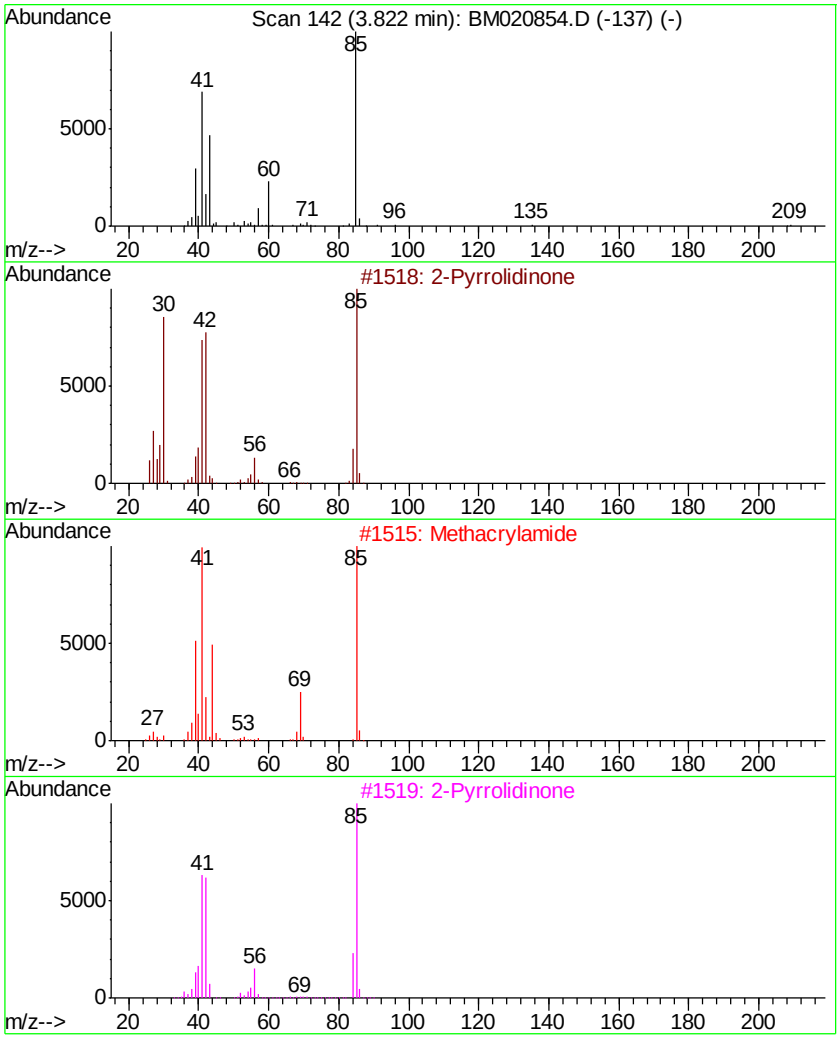
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

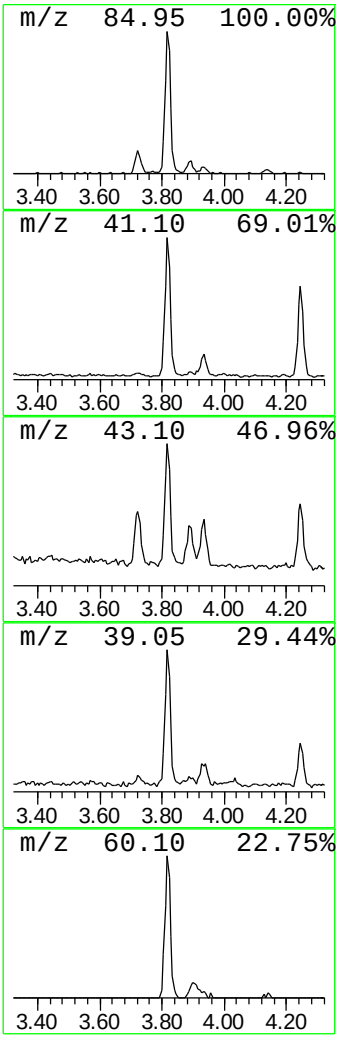
****

Peak Number 3 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	2.19 ng/ul	223892	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone	85	C4H7NO	000616-45-5	40
2	Methacrylamide	85	C4H7NO	000079-39-0	40
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	40
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	39
5	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	39





Library Search Compound Report

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Data File : BM020854.D
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

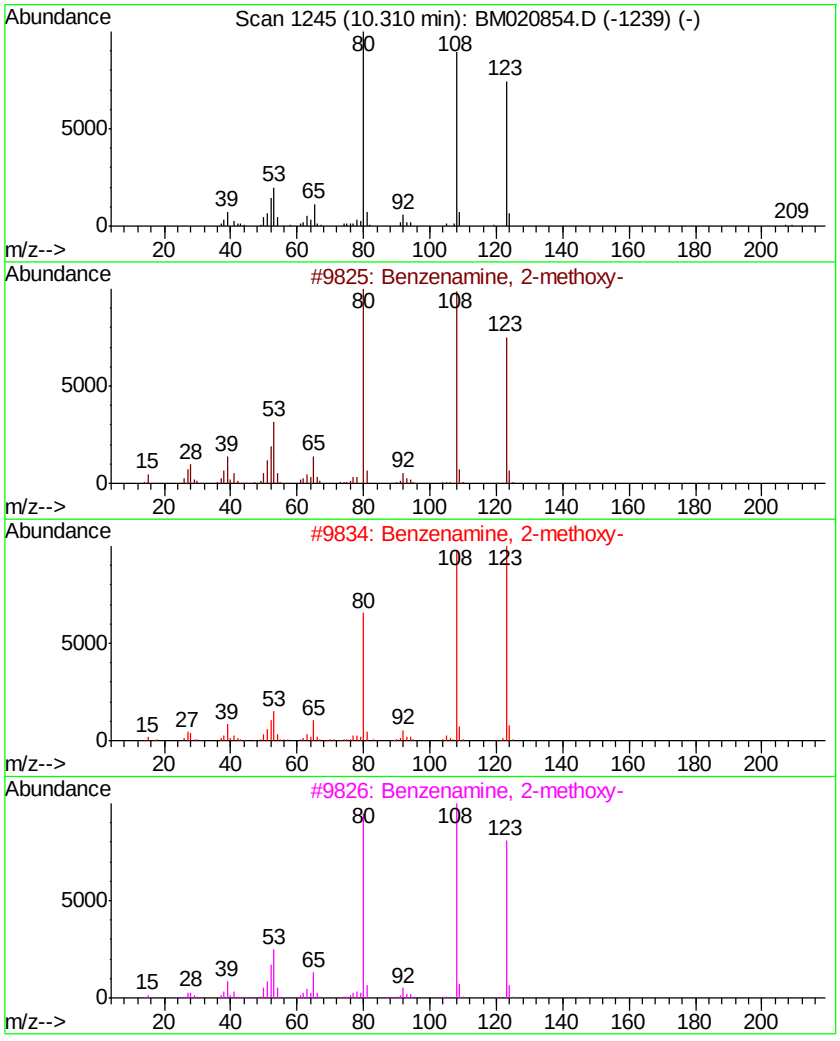
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

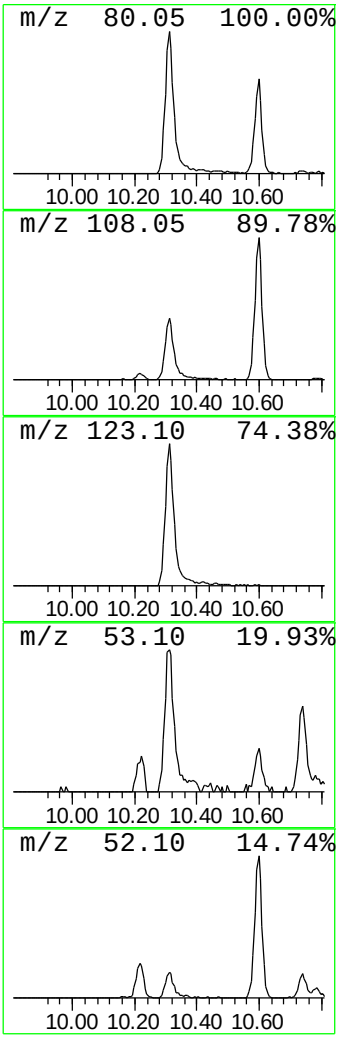
****

Peak Number 4 Benzenamine, 2-methoxy- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	2.42 ng/ul	338738	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2-methoxy-	123	C7H9NO	000090-04-0	94
2	Benzenamine, 2-methoxy-	123	C7H9NO	000090-04-0	91
3	Benzenamine, 2-methoxy-	123	C7H9NO	000090-04-0	87
4	1,4-Benzenediamine	108	C6H8N2	000106-50-3	72
5	Pyrazinamide	123	C5H5N3O	000098-96-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020854.D
Acq On : 11 Jun 2019 02:37
Operator : HP/JU
Sample : K3017-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

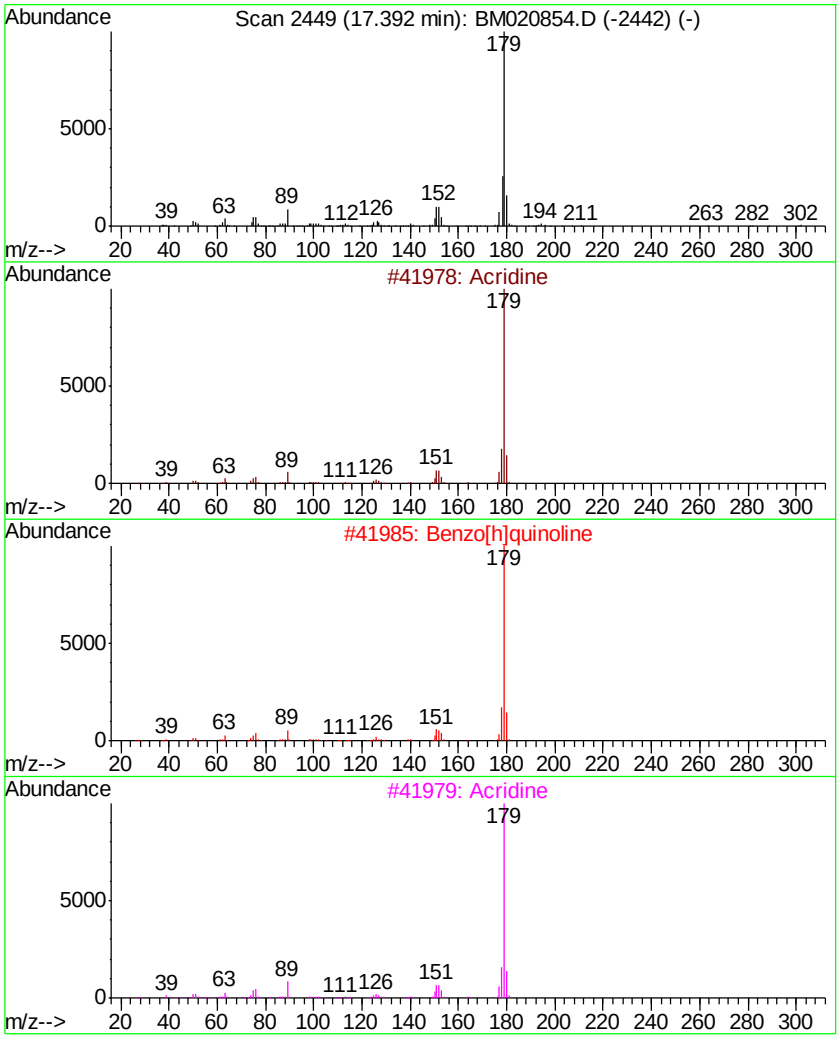
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

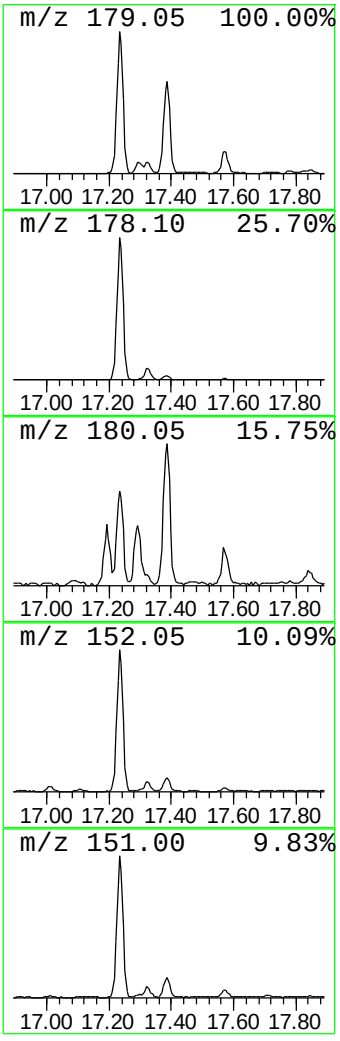
****

Peak Number 5 Acridine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	3.59 ng/ul	680749	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	97
2	Benzo[h]quinoline	179	C13H9N	000230-27-3	95
3	Acridine	179	C13H9N	000260-94-6	94
4	Phenanthridine	179	C13H9N	000229-87-8	93
5	Benzo[f]quinoline	179	C13H9N	000085-02-9	93





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Sample : K3017-17
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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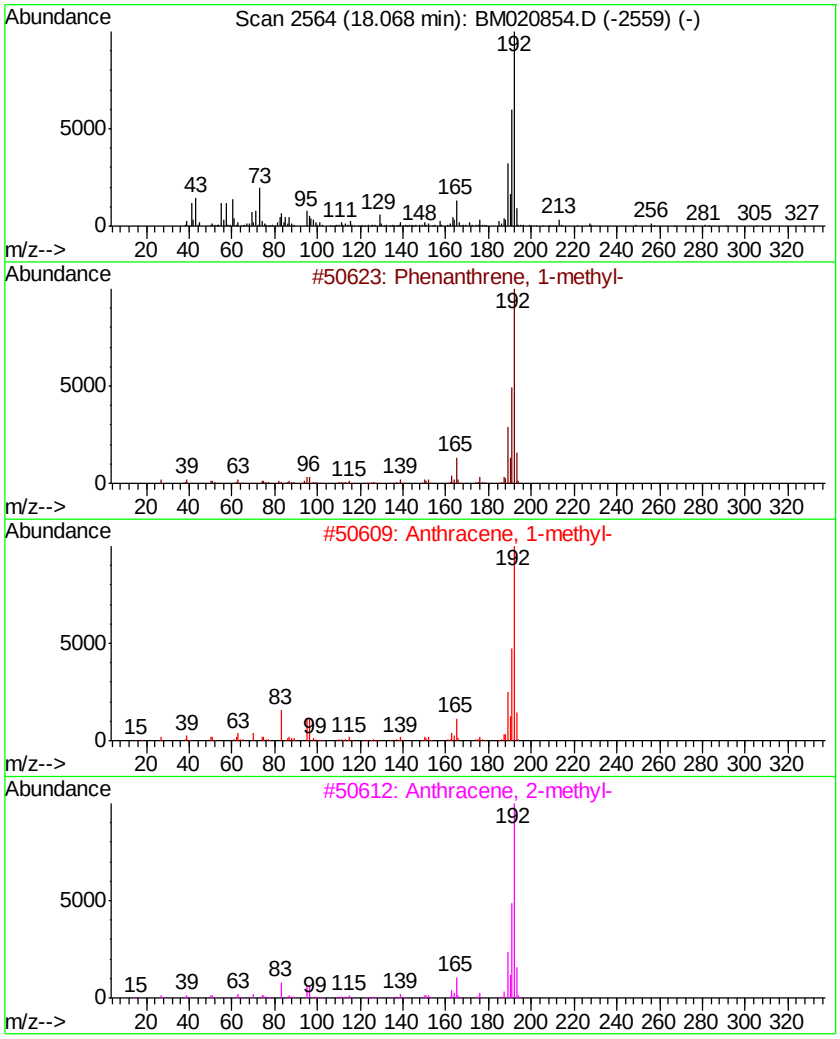
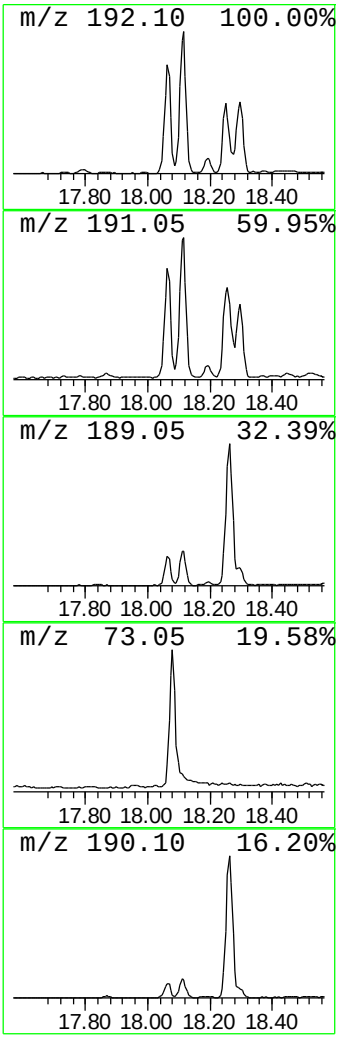
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	5.56 ng/ul	1054170	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	62





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Quant Title : SVOA CALIBRATION

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

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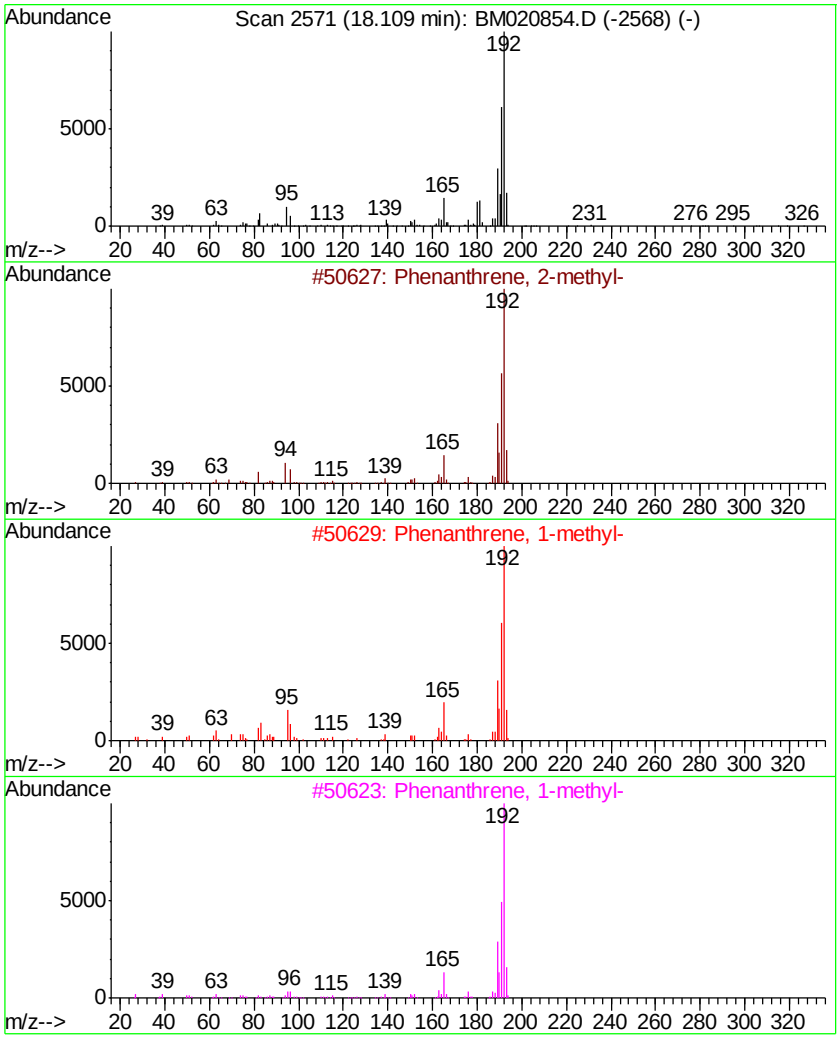
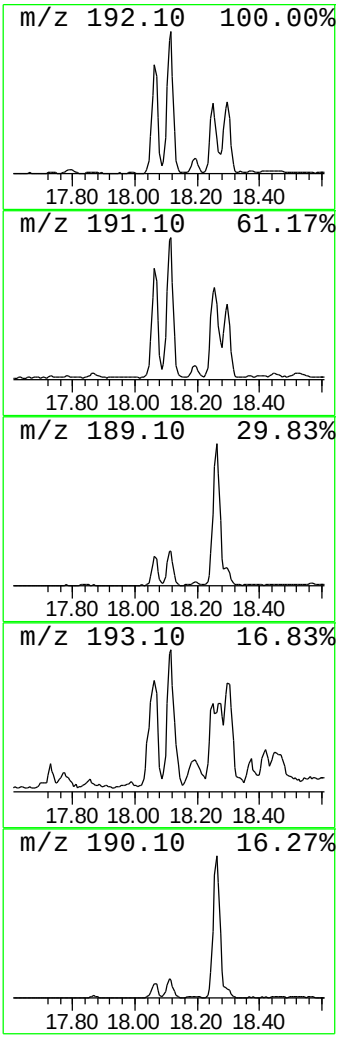
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	4.40 ng/ul	834116	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Quant Title : SVOA CALIBRATION

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

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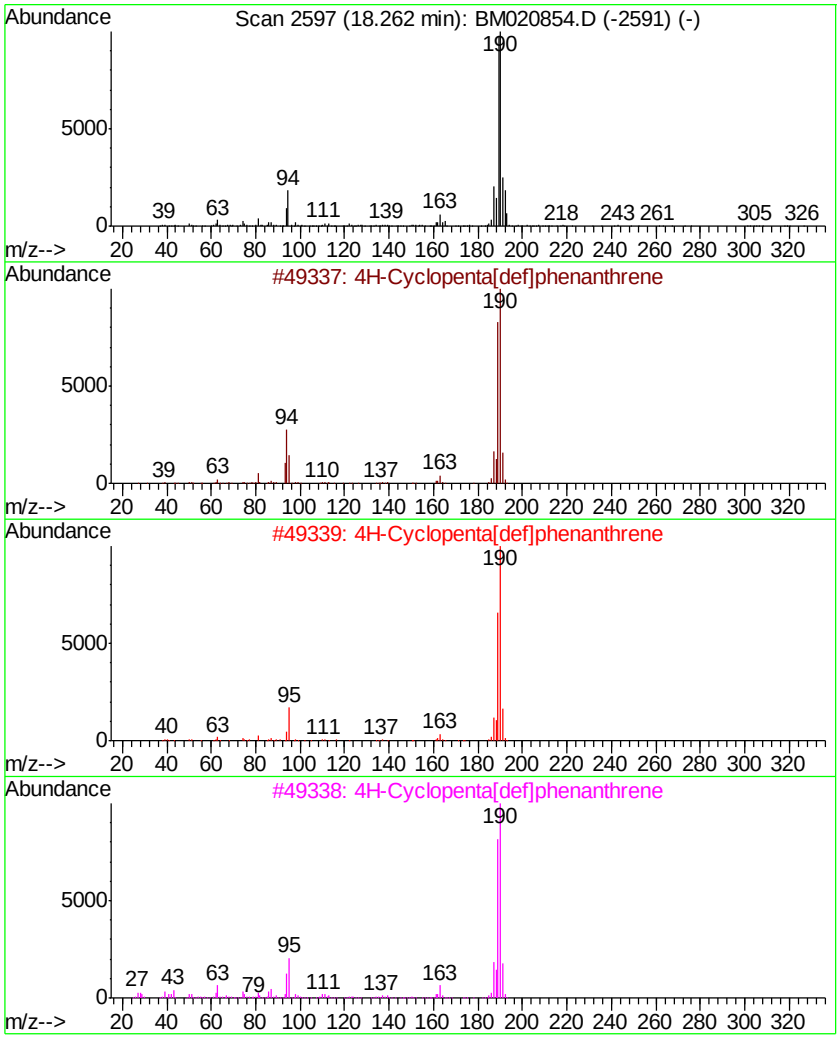
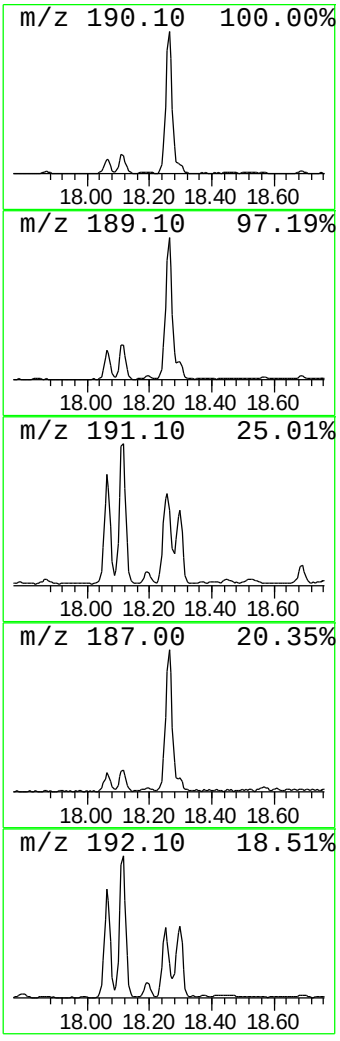
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	6.41 ng/ul	1216000	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
5	Methyl diselenide	190	C2H6Se2	007101-31-7	55





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Quant Title : SVOA CALIBRATION

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

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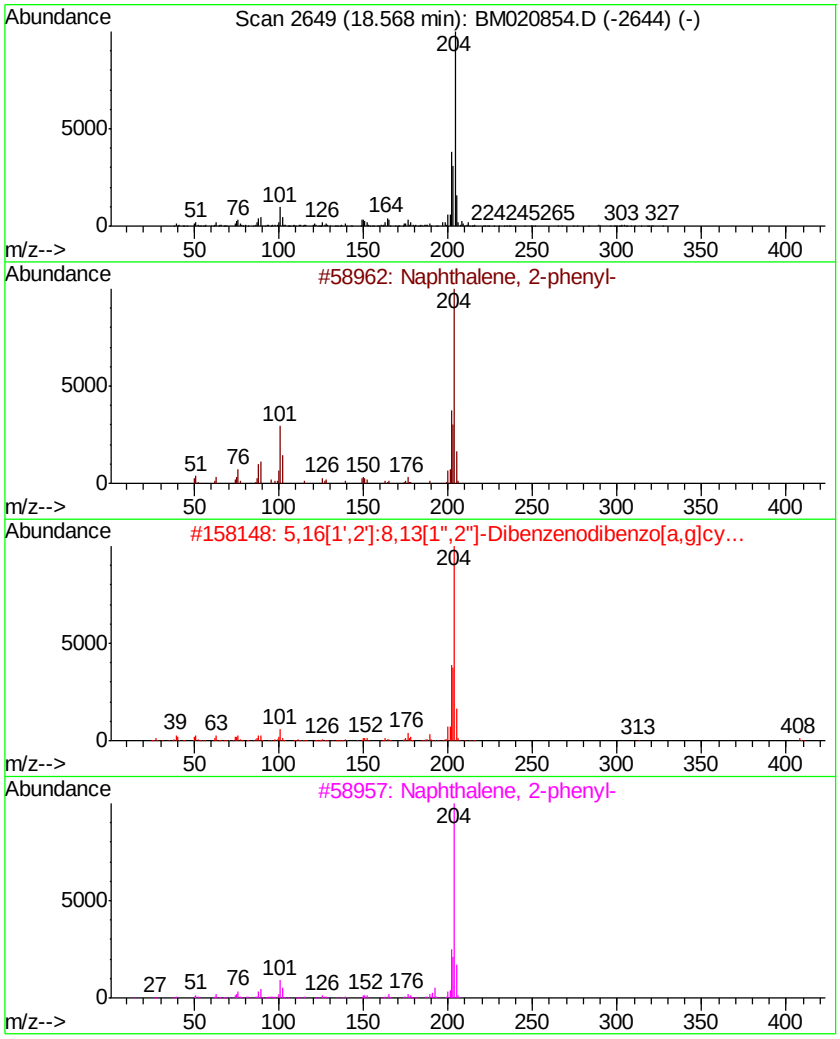
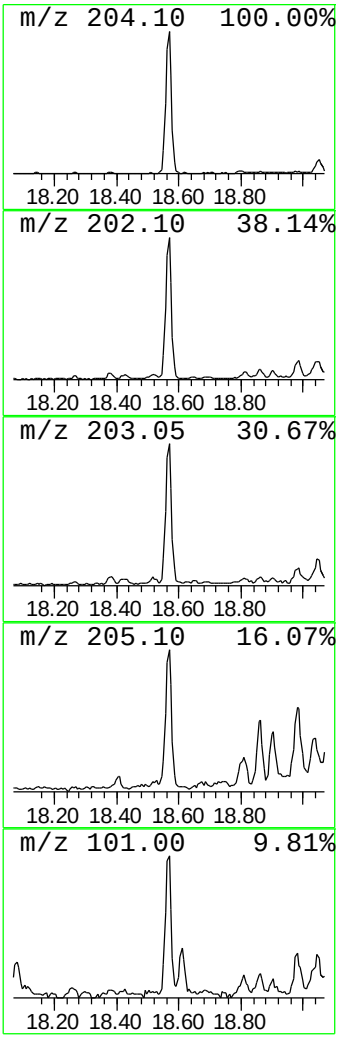
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	3.27 ng/ul	620321	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	6-Phenylbenzocycloheptен-7-one	232	C17H12O	093327-56-1	83
5	2-Phenylnaphthalene	204	C16H12	035465-71-5	70





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Quant Title : SVOA CALIBRATION

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

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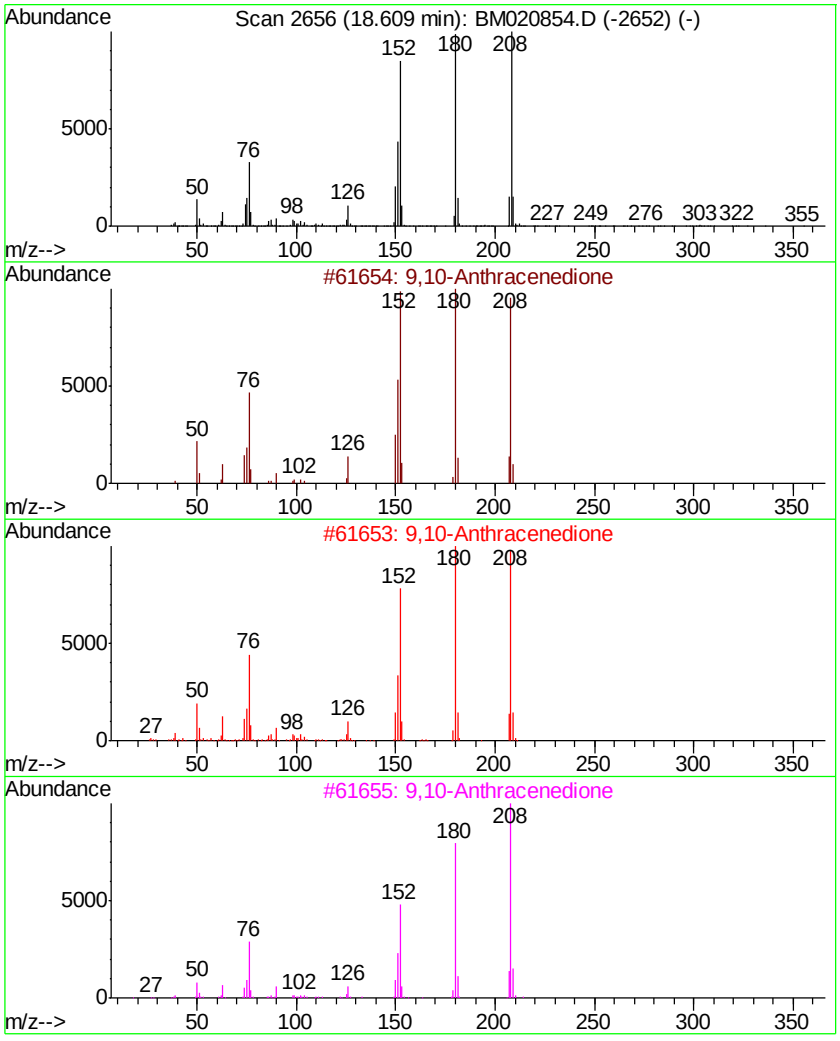
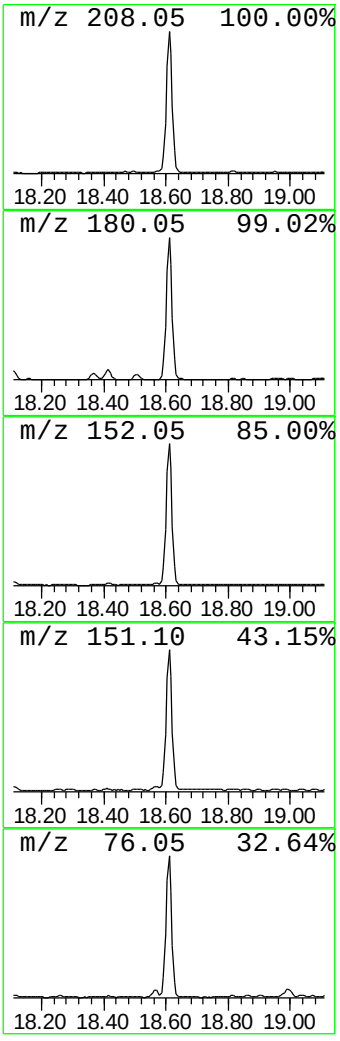
Peak Number 10 9,10-Anthracenedione Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	11.86 ng/ul	2248570	Phenanthrene-d10	17.19

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	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70





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Quant Title : SVOA CALIBRATION

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

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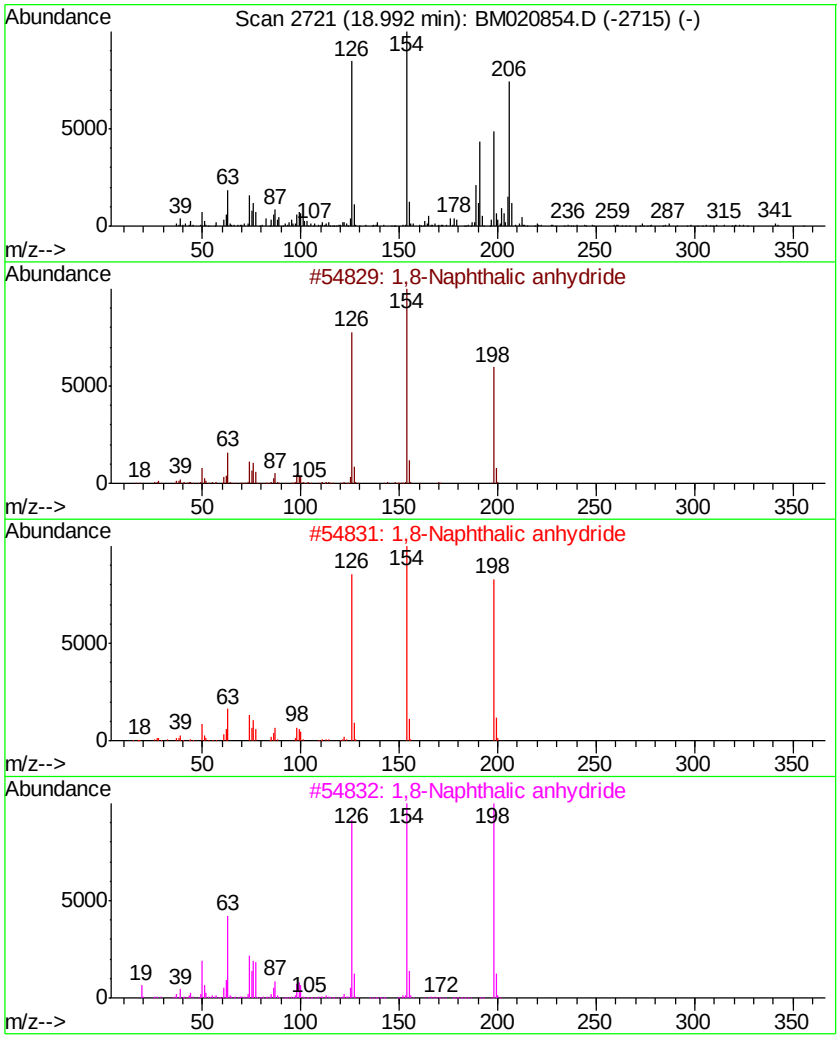
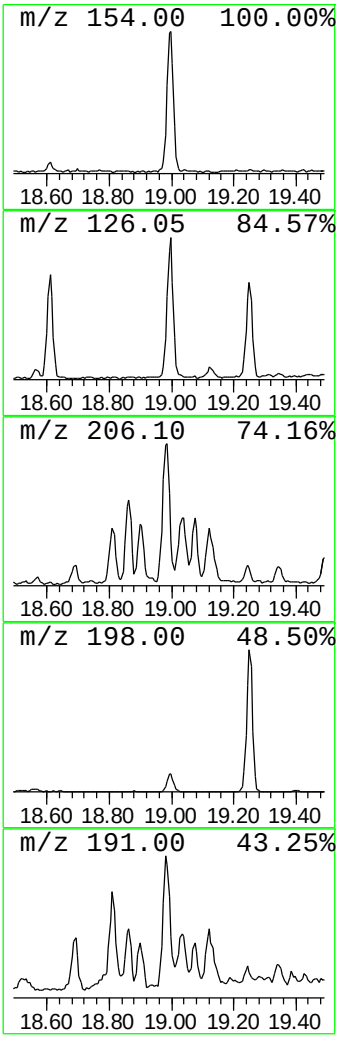
Peak Number 11 1,8-Naphthalic anhydride Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	3.64 ng/ul	690214	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,8-Naphthalic anhydride	198	C12H6O3	000081-84-5	96
2	1,8-Naphthalic anhydride	198	C12H6O3	000081-84-5	96
3	1,8-Naphthalic anhydride	198	C12H6O3	000081-84-5	95
4	1,8-Naphthalic anhydride	198	C12H6O3	000081-84-5	95
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	42





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ClientSampleId : A51F0

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Quant Title : SVOA CALIBRATION

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

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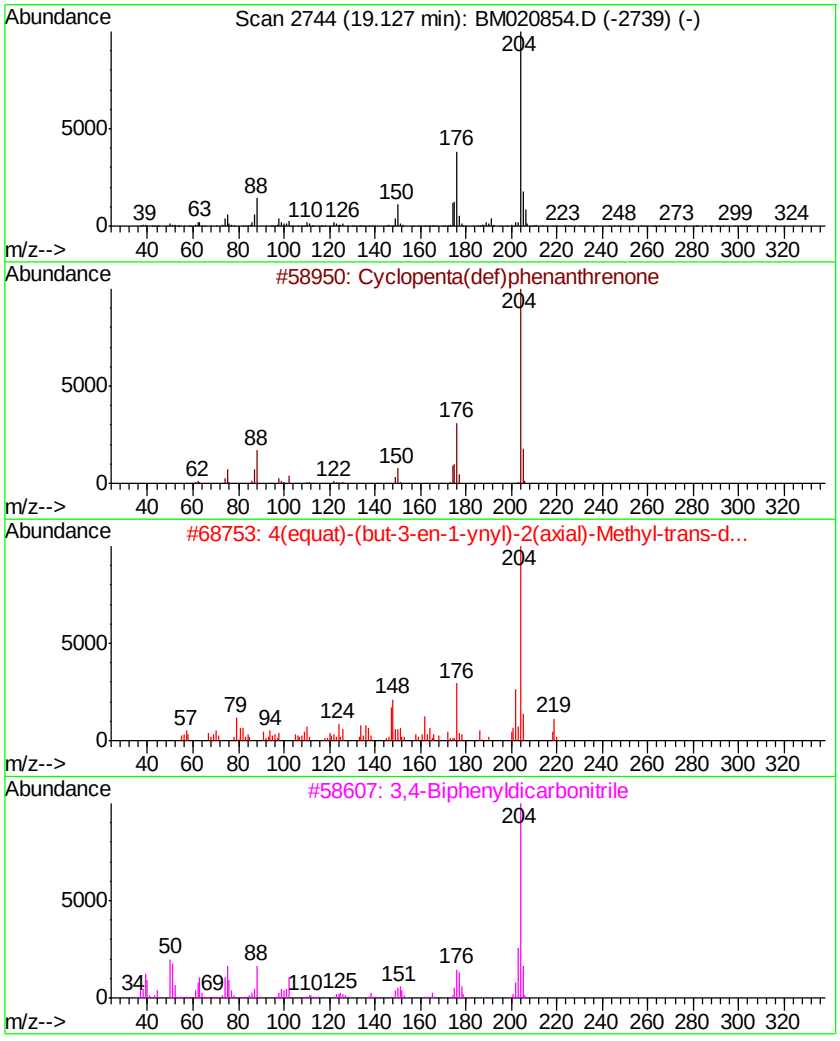
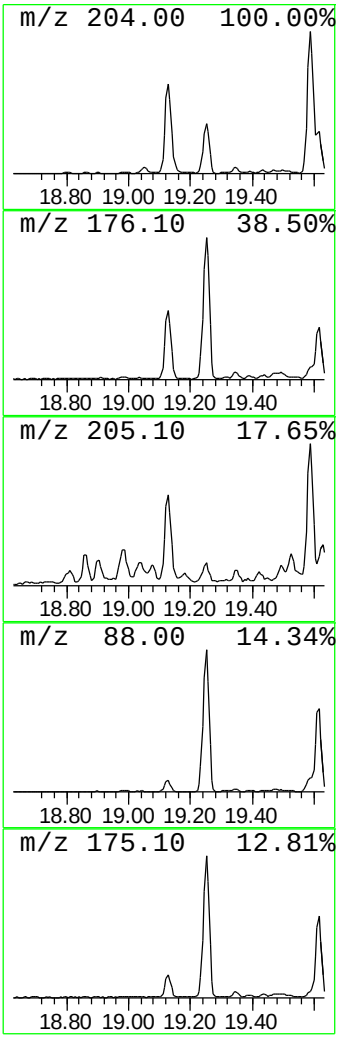
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	4.34 ng/ul	822305	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	45
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	42
4	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	39
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38





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Quant Title : SVOA CALIBRATION

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

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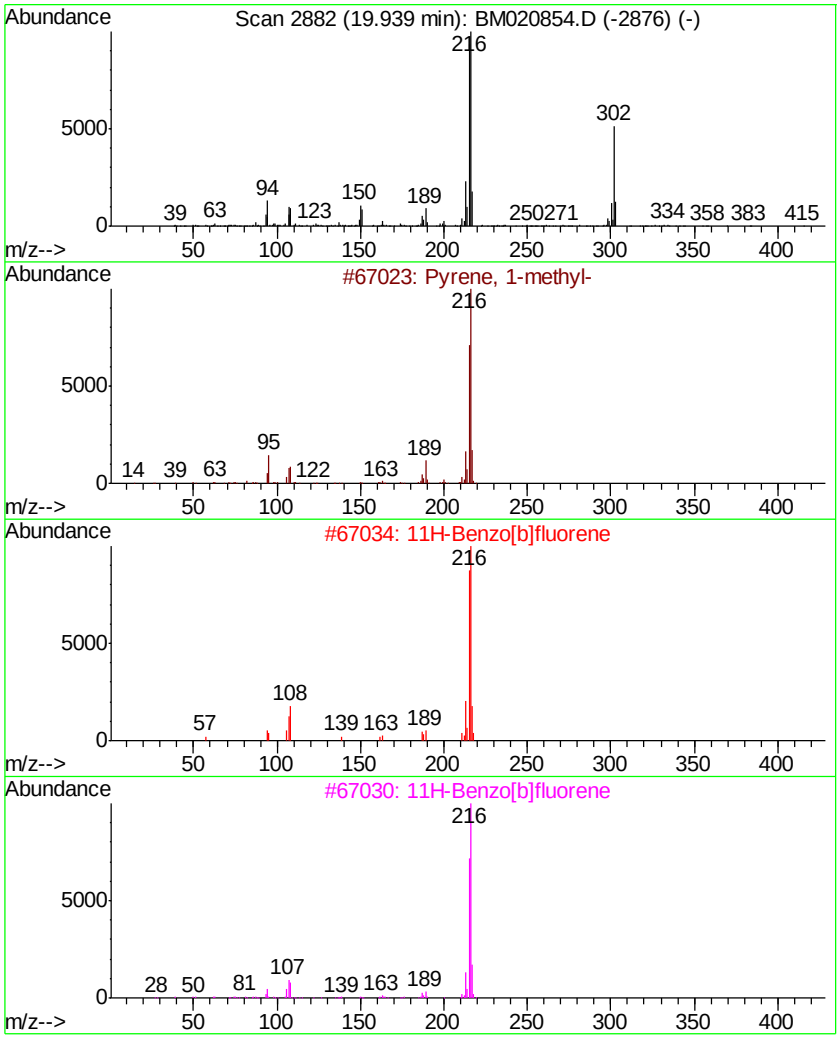
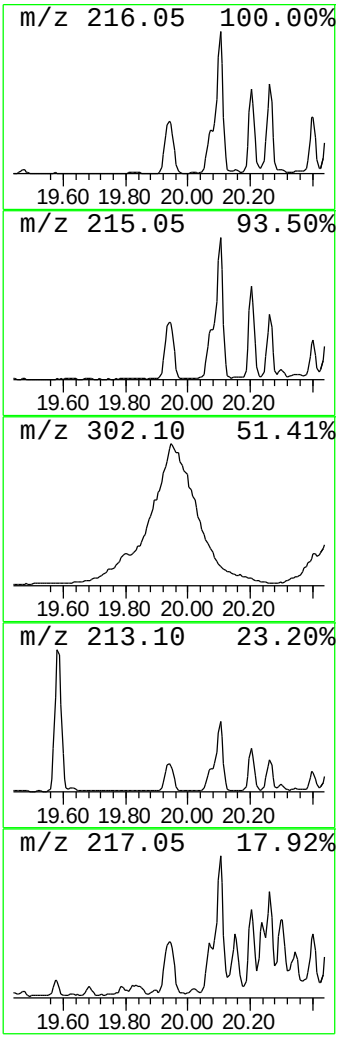
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	2.20 ng/ul	1687920	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





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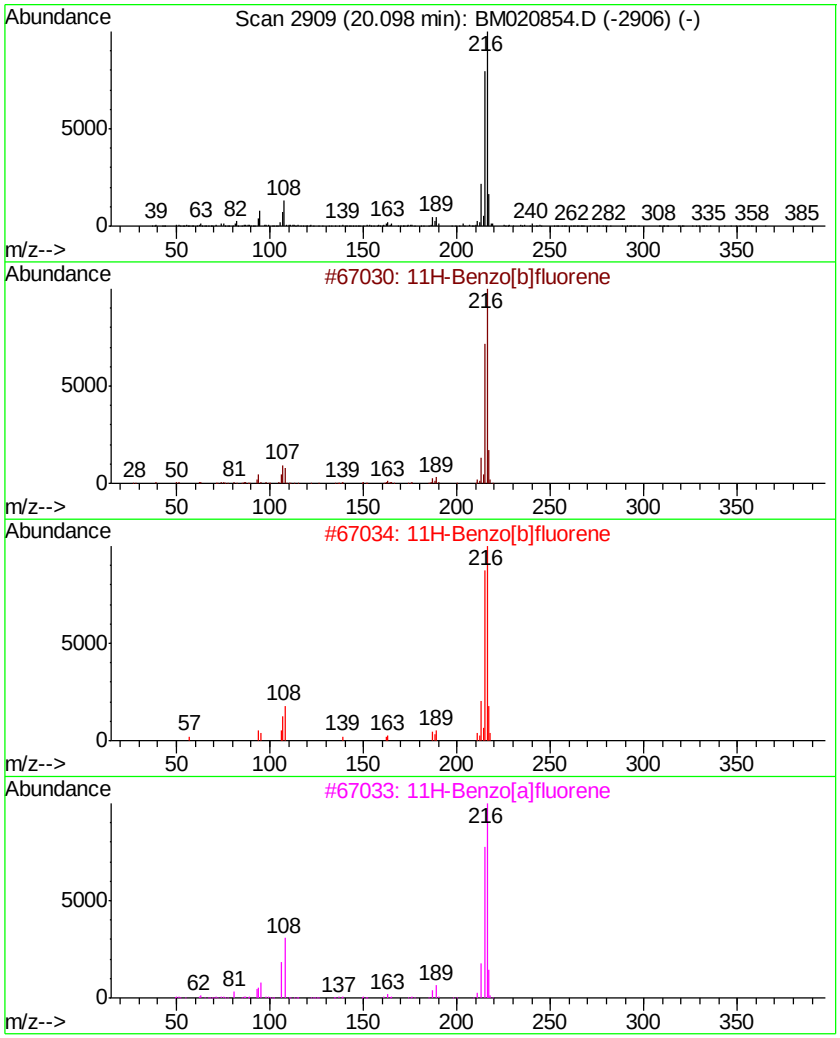
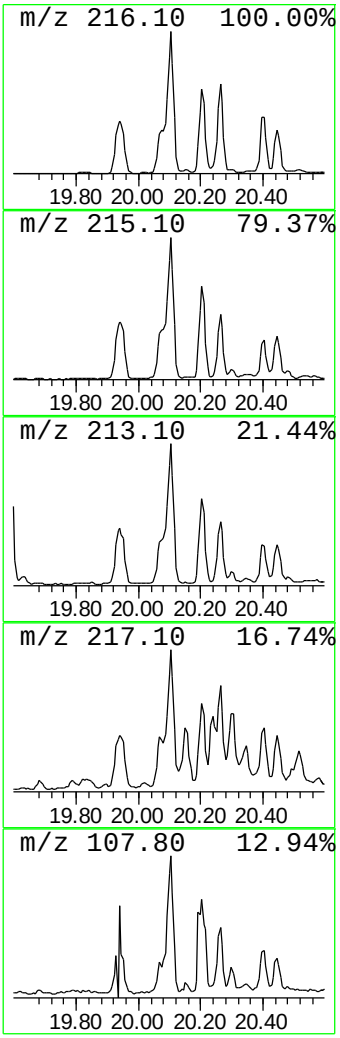
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	2.22 ng/ul	1703570	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80





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TIC Integration Parameters: LSCINT.P

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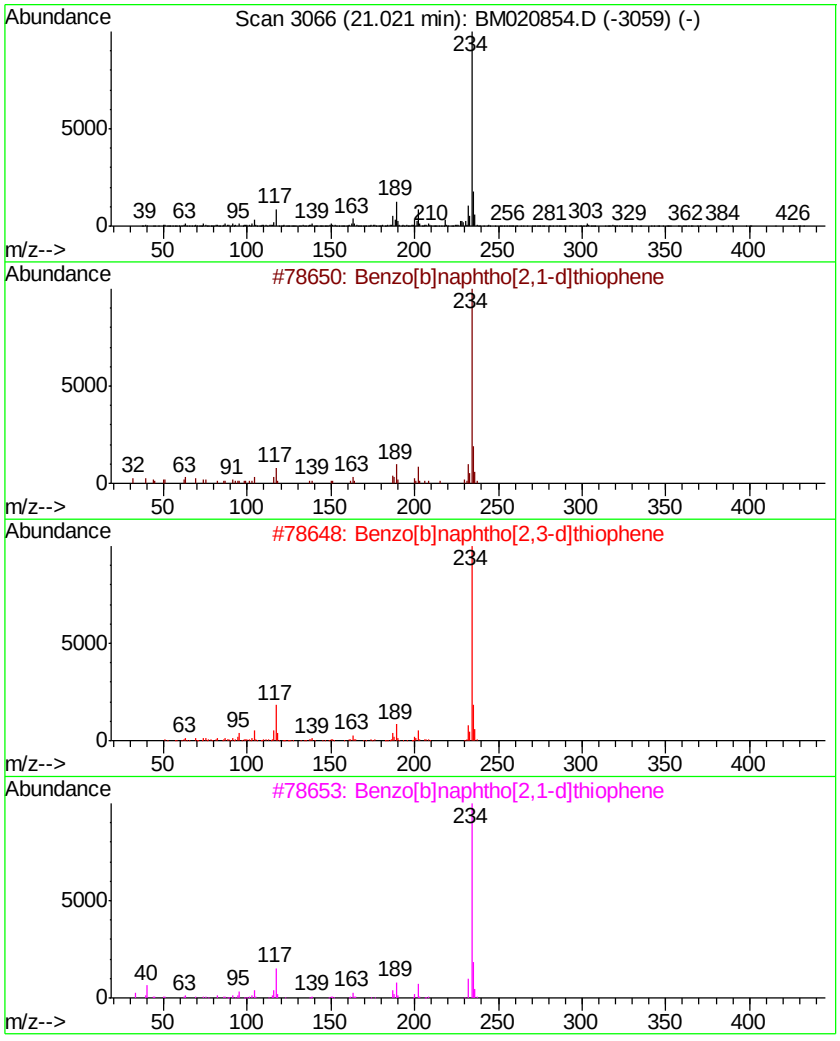
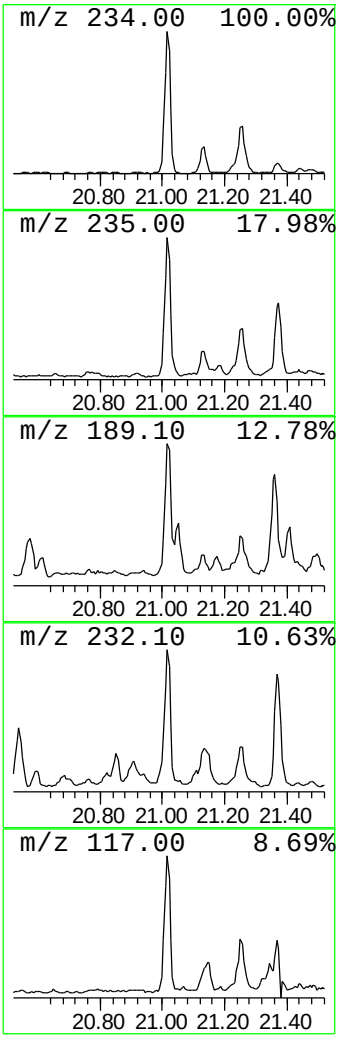
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	3.83 ng/ul	2946970	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	91





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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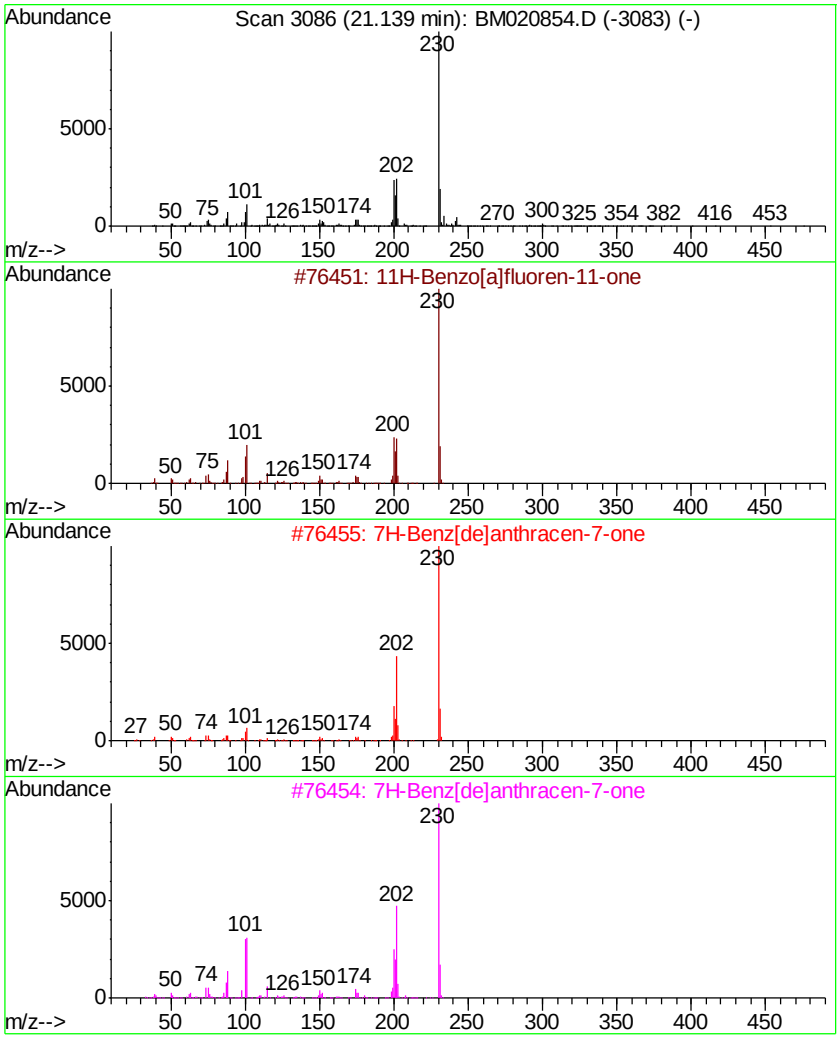
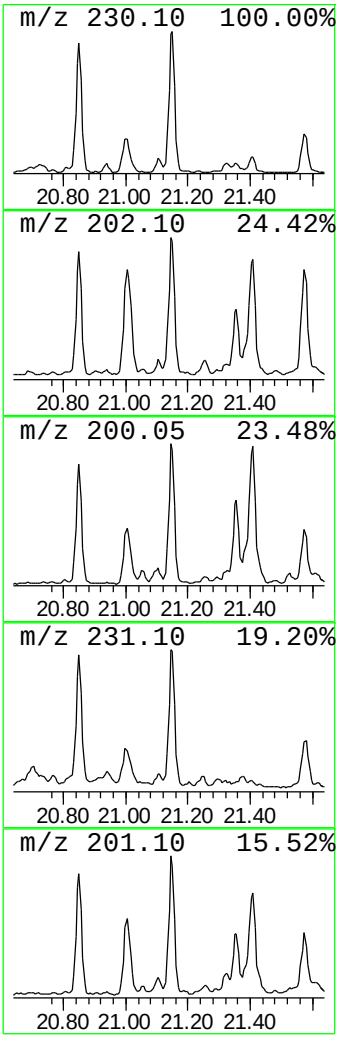
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	3.14 ng/ul	2410530	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	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	78
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	59
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	59





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ClientSampleId : A51F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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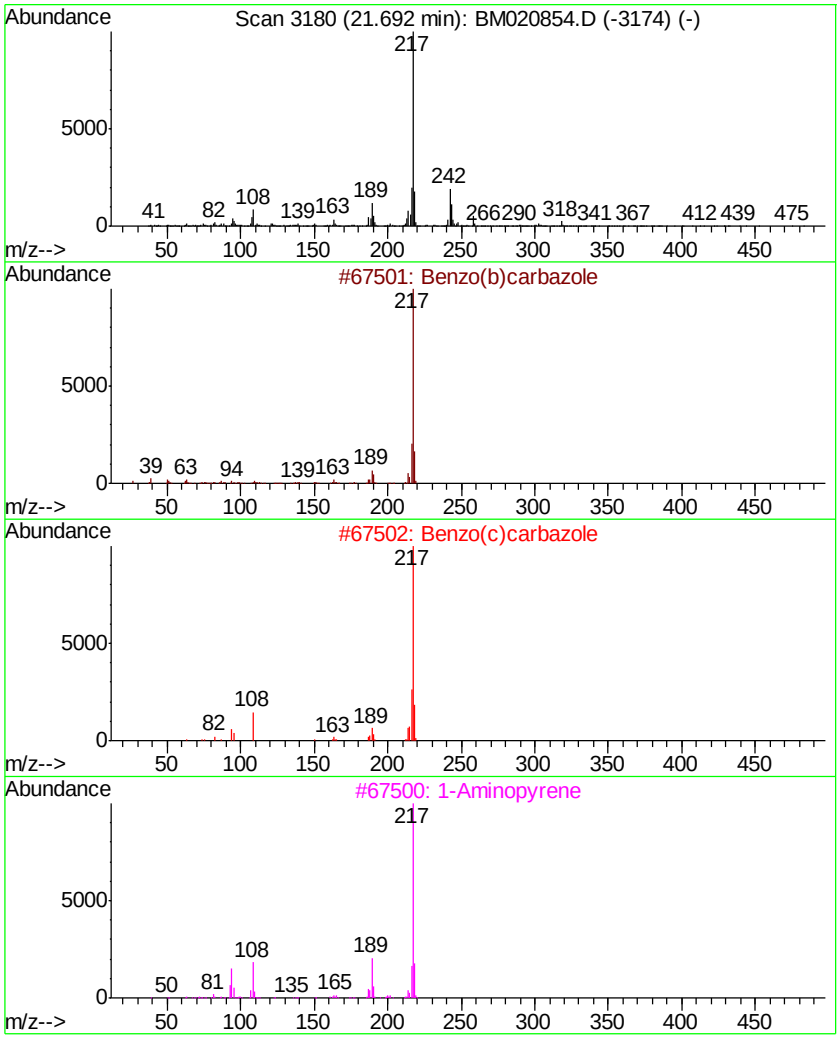
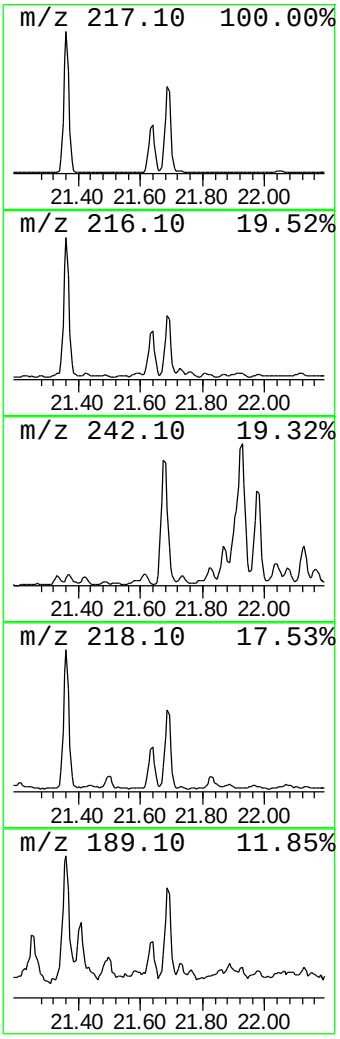
Peak Number 18 Benzo(b)carbazole Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	2.61 ng/ul	2007940	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(b)carbazole	217	C16H11N	000243-28-7	91
2	Benzo(c)carbazole	217	C16H11N	034777-33-8	70
3	1-Aminopyrene	217	C16H11N	001606-67-3	64
4	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	64
5	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	60





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Acq On : 11 Jun 2019 02:37
Operator : HP/JU
Sample : K3017-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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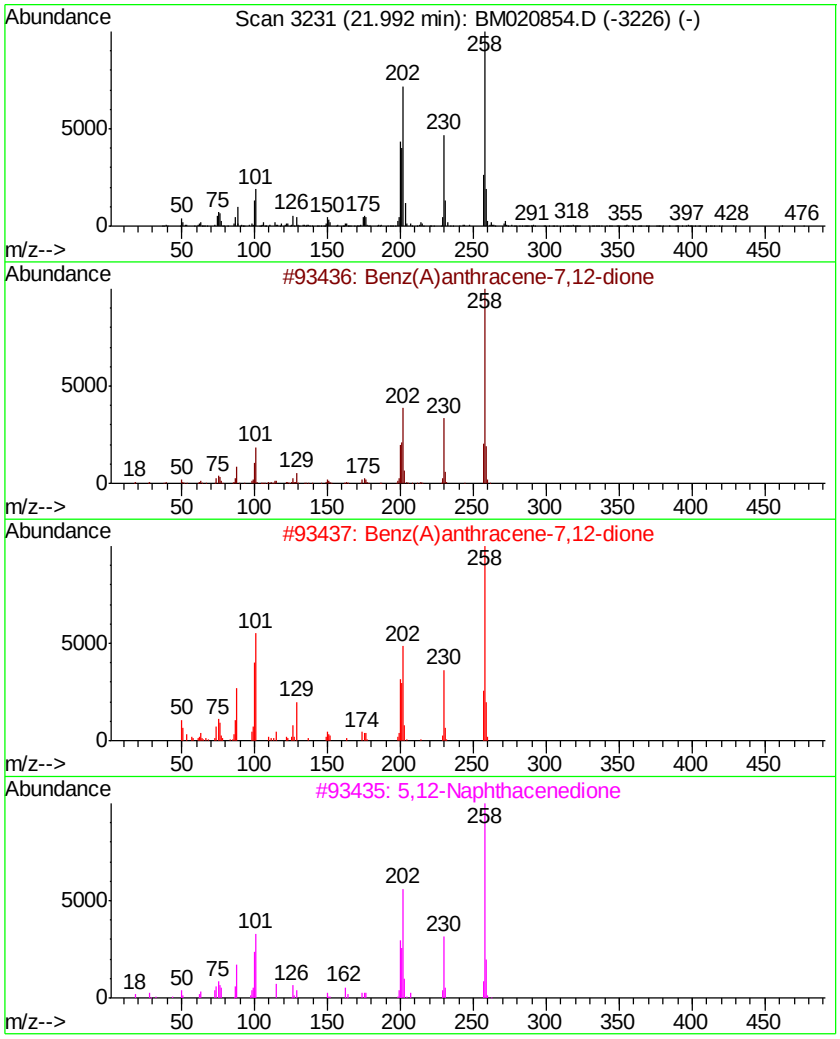
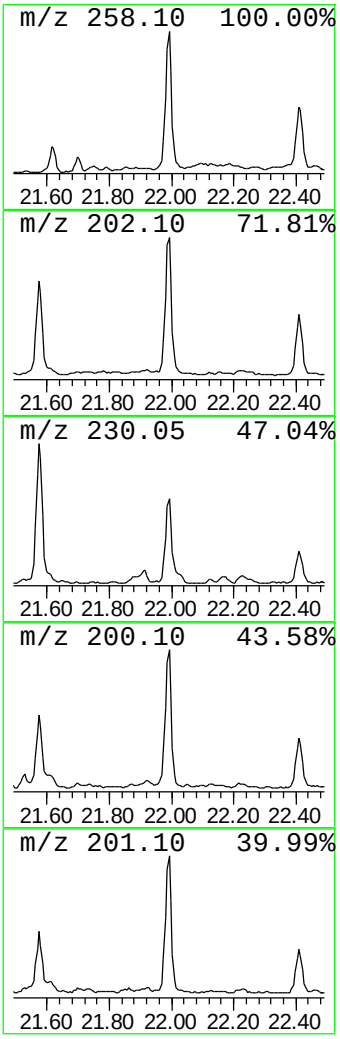
Peak Number 19 Benz(A)anthracene-7,12-dione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	3.13 ng/ul	2403000	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	95
2	Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	93
3	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	90
4	Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	90
5	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	89





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Data File : BM020854.D
Acq On : 11 Jun 2019 02:37
Operator : HP/JU
Sample : K3017-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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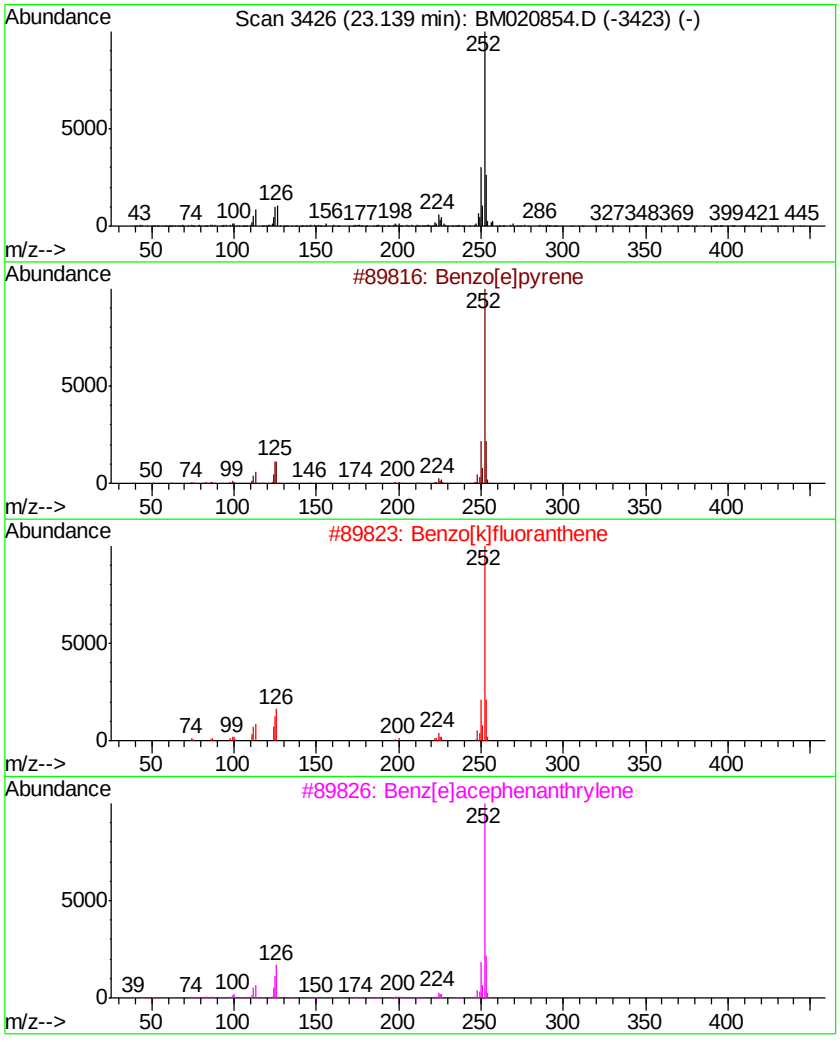
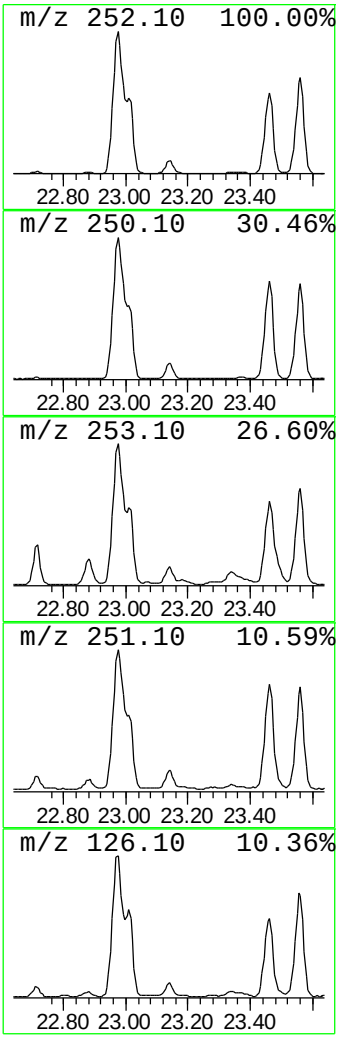
Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.14	5.99 ng/ul	1307580	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020854.D
Acq On : 11 Jun 2019 02:37
Operator : HP/JU
Sample : K3017-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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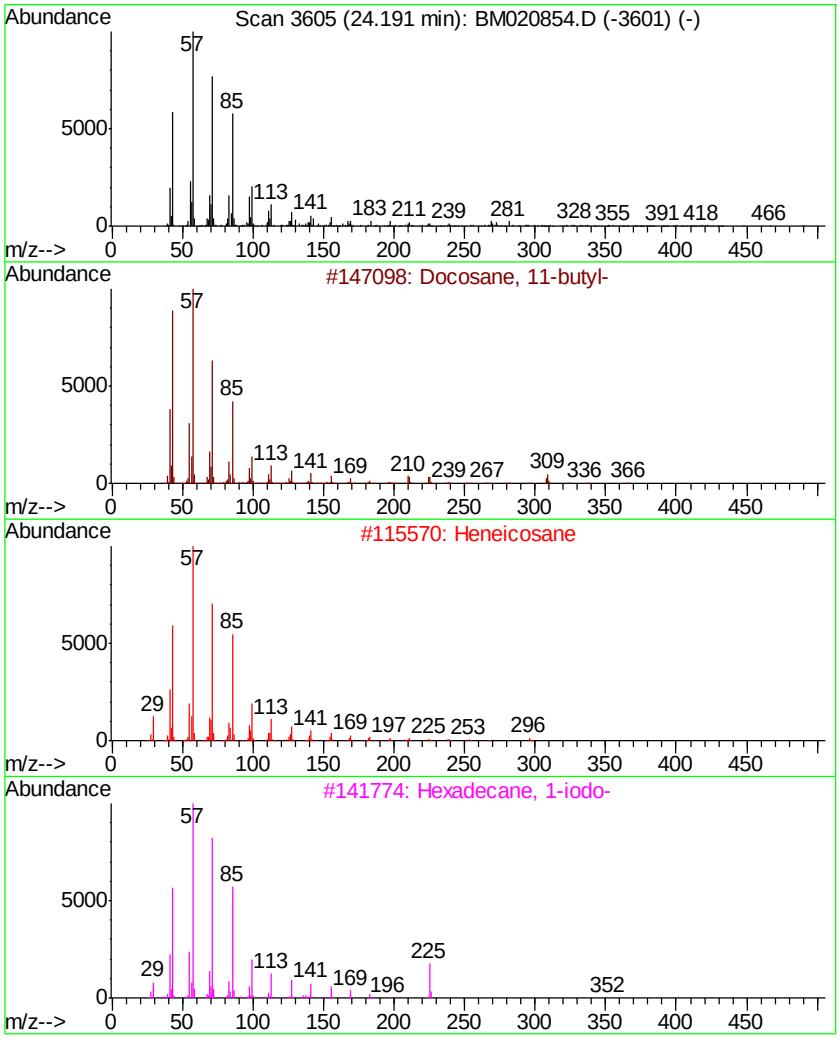
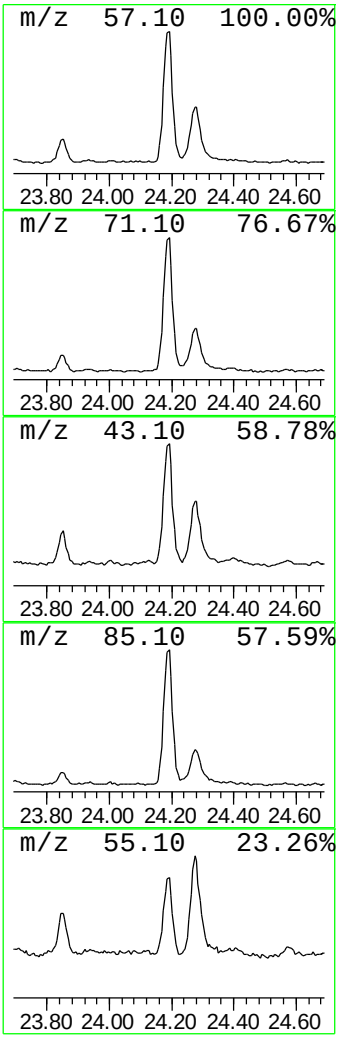
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	10.08 ng/ul	2201320	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
4	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061019\
Data File : BM020854.D
Acq On : 11 Jun 2019 02:37
Operator : HP/JU
Sample : K3017-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.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
Butane, 2-methoxy...	3.05	120.0	ng/ul	12297900	1	7.81	2049040	20.0
3-Penten-2-ol	3.09	3.0	ng/ul	311083	1	7.81	2049040	20.0
unknown-01	3.82	2.2	ng/ul	223892	1	7.81	2049040	20.0
Benzenamine, 2-me...	10.31	2.4	ng/ul	338738	2	10.60	2801800	20.0
Acridine	17.39	3.6	ng/ul	680749	4	17.19	3793470	20.0
Phenanthrene, 1-m...	18.07	5.6	ng/ul	1054170	4	17.19	3793470	20.0
Phenanthrene, 2-m...	18.11	4.4	ng/ul	834116	4	17.19	3793470	20.0
4H-Cyclopenta[def...	18.26	6.4	ng/ul	1216000	4	17.19	3793470	20.0
Naphthalene, 2-ph...	18.57	3.3	ng/ul	620321	4	17.19	3793470	20.0
9,10-Anthracenedione	18.61	11.9	ng/ul	2248570	4	17.19	3793470	20.0
1,8-Naphthalic an...	18.99	3.6	ng/ul	690214	4	17.19	3793470	20.0
Cyclopenta(def)ph...	19.13	4.3	ng/ul	822305	4	17.19	3793470	20.0
Pyrene, 1-methyl-	19.94	2.2	ng/ul	1687920	5	21.37	15374800	20.0
11H-Benzo[b]fluorene	20.10	2.2	ng/ul	1703570	5	21.37	15374800	20.0
Benzo[b]naphtho[2...	21.02	3.8	ng/ul	2946970	5	21.37	15374800	20.0
11H-Benzo[a]fluor...	21.14	3.1	ng/ul	2410530	5	21.37	15374800	20.0
Benzo(b)carbazole	21.69	2.6	ng/ul	2007940	5	21.37	15374800	20.0
Benz(A)anthracene...	21.99	3.1	ng/ul	2403000	5	21.37	15374800	20.0
Benzo[e]pyrene	23.14	6.0	ng/ul	1307580	6	23.66	4366210	20.0
(DEL) Alkane: Str...	24.19	10.1	ng/ul	2201320	6	23.66	4366210	20.0