LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020769.D
Acq On : 06 Jun 2019 18:33
Operator : HP/JU
Sample : K3202-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD2

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	17	rBV	7792067	9116849	100.00%	9.204%
2	3.822	137	142	150	rVB	155312	199386	2.19%	0.201%
3	6.969	669	677	693	rVB	361546	616397	6.76%	0.622%
4	7.151	702	708	718	rBV	316790	508774	5.58%	0.514%
5	7.346	735	741	750	rVB	378016	600793	6.59%	0.607%
6	7.810	812	820	828	rBV	939744	1523022	16.71%	1.538%
7	8.510	933	939	946	rBV	359419	569439	6.25%	0.575%
8	8.634	954	960	966	rBV	61597	102722	1.13%	0.104%
9	8.969	1011	1017	1027	rBV	361309	622435	6.83%	0.628%
10	9.687	1132	1139	1147	rBV	257566	442215	4.85%	0.446%
11	10.222	1223	1230	1237	rBV	441675	726977	7.97%	0.734%
12	10.604	1285	1295	1301	rBV	1319954	2205464	24.19%	2.227%
13	10.651	1301	1303	1310	rVB	84055	118247	1.30%	0.119%
14	10.745	1312	1319	1334	rBV	306439	549565	6.03%	0.555%
15	12.263	1572	1577	1585	rVB	113227	173428	1.90%	0.175%
16	12.486	1608	1615	1622	rVB	99011	157374	1.73%	0.159%
17	13.769	1826	1833	1838	rBV	109536	200379	2.20%	0.202%
18	13.822	1838	1842	1844	rVV	84913	113918	1.25%	0.115%
19	13.857	1844	1848	1853	rVV	839918	1226081	13.45%	1.238%
20	13.904	1853	1856	1865	rVV	233793	326943	3.59%	0.330%
21	14.145	1890	1897	1908	rVB	882883	1499244	16.44%	1.514%
22	14.451	1939	1949	1955	rBV2	1851696	2869477	31.47%	2.897%
23	14.510	1955	1959	1967	rVV	258043	412745	4.53%	0.417%
24	14.639	1976	1981	1993	rBV3	178687	311222	3.41%	0.314%
25	14.845	2011	2016	2024	rVV	294100	468670	5.14%	0.473%
26	15.239	2075	2083	2086	rBV3	51618	104347	1.14%	0.105%
27	15.439	2109	2117	2122	rVV	1215818	1796095	19.70%	1.813%
28	15.498	2122	2127	2132	rVV2	408476	631820	6.93%	0.638%
29	15.557	2132	2137	2141	rVV	196359	296748	3.25%	0.300%
30	15.663	2151	2155	2160	rVV2	71934	124419	1.36%	0.126%
31	15.792	2172	2177	2185	rVB	193813	299238	3.28%	0.302%
32	15.939	2192	2202	2210	rVB	210305	430465	4.72%	0.435%
33	16.168	2233	2241	2247	rVB6	53504	106418	1.17%	0.107%
34	16.498	2286	2297	2302	rBV3	124914	311983	3.42%	0.315%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020769.D
Acq On : 06 Jun 2019 18:33
Operator : HP/JU
Sample : K3202-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD2

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	16.727	2327	2336	2339	rBV3	121915	236001	2.59%	0.238%
36	16.768	2339	2343	2346	rVV2	122716	184111	2.02%	0.186%
37	16.851	2352	2357	2363	rVB	234570	366652	4.02%	0.370%
38	16.921	2363	2369	2376	rBV2	131042	296375	3.25%	0.299%
39	17.010	2380	2384	2394	rVB	177116	285249	3.13%	0.288%
40	17.192	2409	2415	2419	rBV2	2281226	3343915	36.68%	3.376%
41	17.239	2419	2423	2428	rVV	3571679	5044181	55.33%	5.093%
42	17.292	2428	2432	2435	rVV	1319287	1861191	20.41%	1.879%
43	17.327	2435	2438	2443	rVB	922706	1200679	13.17%	1.212%
44	17.380	2443	2447	2452	rVB3	85939	163211	1.79%	0.165%
45	17.598	2473	2484	2488	rBV2	276890	541317	5.94%	0.547%
46	17.715	2500	2504	2510	rVB2	77318	107793	1.18%	0.109%
47	17.774	2510	2514	2522	rVB4	79755	153354	1.68%	0.155%
48	18.068	2554	2564	2568	rBV	639198	1150624	12.62%	1.162%
49	18.115	2568	2572	2577	rVV	853908	1204244	13.21%	1.216%
50	18.198	2581	2586	2591	rVB	324531	454982	4.99%	0.459%
51	18.262	2591	2597	2601	rBV2	638475	1227331	13.46%	1.239%
52	18.298	2601	2603	2609	rVB	390388	489509	5.37%	0.494%
53	18.374	2612	2616	2620	rBV4	67918	115828	1.27%	0.117%
54	18.568	2644	2649	2653	rVV	380546	517144	5.67%	0.522%
55	18.610	2653	2656	2662	rVB	293780	375572	4.12%	0.379%
56	18.815	2687	2691	2695	rVV	158735	230164	2.52%	0.232%
57	18.862	2696	2699	2702	rVV	131628	159609	1.75%	0.161%
58	18.904	2702	2706	2709	rVB3	130768	172194	1.89%	0.174%
59	18.986	2715	2720	2724	rBV	270014	473740	5.20%	0.478%
60	19.051	2726	2731	2733	rVV3	165583	313555	3.44%	0.317%
61	19.074	2733	2735	2739	rVV	150091	183699	2.01%	0.185%
62	19.127	2739	2744	2752	rVB2	277635	491544	5.39%	0.496%
63	19.251	2759	2765	2771	rVB	4297179	5420468	59.46%	5.472%
64	19.357	2778	2783	2787	rBV2	157692	255582	2.80%	0.258%
65	19.445	2793	2798	2801	rBV4	103588	162342	1.78%	0.164%
66	19.586	2816	2822	2824	rBV2	2163157	3348522	36.73%	3.381%
67	19.615	2824	2827	2834	rVV	2951541	3843349	42.16%	3.880%
68	19.680	2834	2838	2846	rVB2	308144	496223	5.44%	0.501%
69	19.792	2851	2857	2863	rVV	321196	483782	5.31%	0.488%
70	19.856	2863	2868	2873	rVB	185419	302446	3.32%	0.305%
71	19.933	2876	2881	2889	rBV4	335172	838800	9.20%	0.847%

LSC Area Percent Report

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Acq On : 06 Jun 2019 18:33
Operator : HP/JU
Sample : K3202-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD2

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

72	20.068	2899	2904	2907	rBV3	237216	456713	5.01%	0.461%
73	20.109	2907	2911	2916	rVB	542432	790755	8.67%	0.798%
74	20.209	2923	2928	2931	rBV2	270753	350985	3.85%	0.354%
75	20.262	2931	2937	2942	rVV2	447138	859749	9.43%	0.868%
76	20.304	2942	2944	2948	rVB3	137230	144249	1.58%	0.146%
77	20.345	2948	2951	2956	rVB2	122032	156969	1.72%	0.158%
78	20.404	2957	2961	2965	rBV	225835	294992	3.24%	0.298%
79	20.451	2965	2969	2973	rVB2	212735	305387	3.35%	0.308%
80	20.856	3033	3038	3044	rBV	455556	629045	6.90%	0.635%
81	21.021	3059	3066	3069	rBV2	262741	546632	6.00%	0.552%
82	21.062	3069	3073	3075	rVV	393861	542417	5.95%	0.548%
83	21.092	3075	3078	3084	rVV3	349116	776838	8.52%	0.784%
84	21.151	3084	3088	3097	rVB	508297	754796	8.28%	0.762%
85	21.368	3119	3125	3129	rBV3	3531832	6780824	74.38%	6.846%
86	21.409	3129	3132	3142	rVB	1891368	2511727	27.55%	2.536%
87	21.527	3148	3152	3158	rBV3	297318	458945	5.03%	0.463%
88	21.692	3175	3180	3184	rBV2	193911	342498	3.76%	0.346%
89	21.927	3217	3220	3224	rVB	415645	530323	5.82%	0.535%
90	21.980	3224	3229	3235	rVB2	297406	595710	6.53%	0.601%
91	22.133	3252	3255	3257	rVB3	126560	132344	1.45%	0.134%
92	22.439	3304	3307	3318	rVB2	302298	553456	6.07%	0.559%
93	22.968	3391	3397	3402	rBV2	1457995	3459452	37.95%	3.493%
94	23.145	3423	3427	3432	rVB	252632	402881	4.42%	0.407%
95	23.456	3475	3480	3484	rBV	522048	966521	10.60%	0.976%
96	23.509	3485	3489	3492	rVV2	833625	1453512	15.94%	1.467%
97	23.556	3492	3497	3505	rVB	1131562	2461820	27.00%	2.485%
98	23.656	3507	3514	3520	rBV	1774847	3526811	38.68%	3.561%
99	24.203	3603	3607	3615	rVB2	331671	620466	6.81%	0.626%
100	25.962	3900	3906	3919	rVB2	478833	1384321	15.18%	1.398%

Sum of corrected areas: 99049719

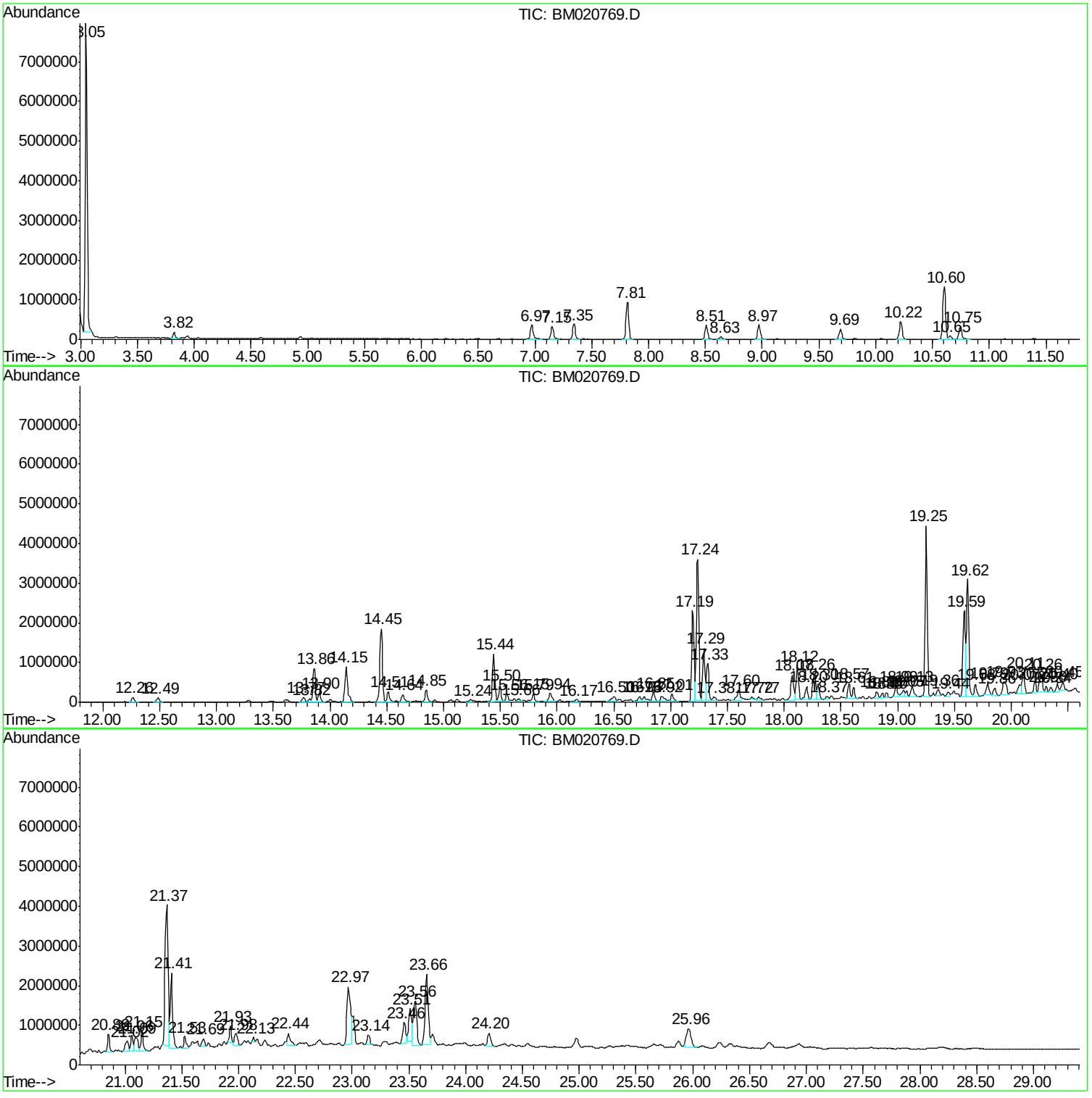
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020769.D
Acq On : 06 Jun 2019 18:33
Operator : HP/JU
Sample : K3202-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD2

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\BM060619\
Data File : BM020769.D
Acq On : 06 Jun 2019 18:33
Operator : HP/JU
Sample : K3202-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD2

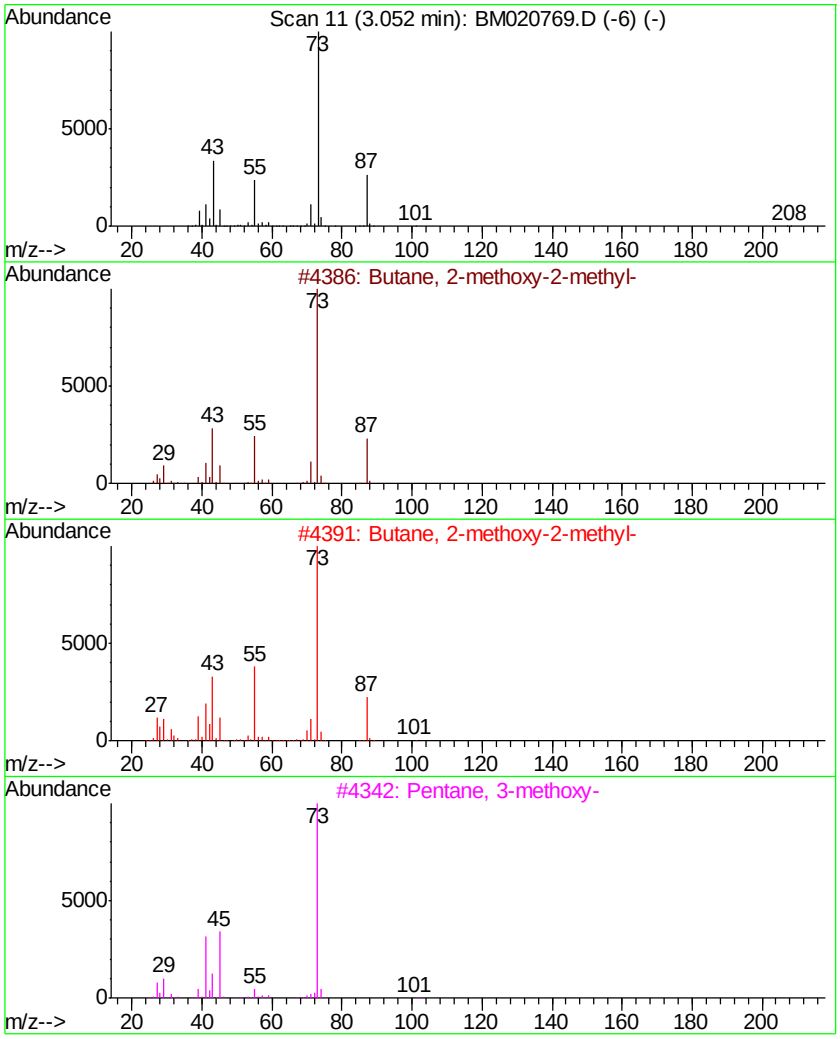
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

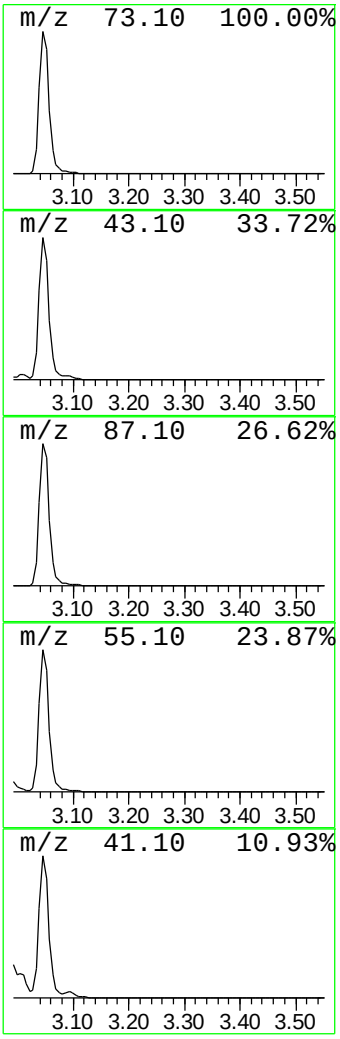
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	119.72 ng/ul	9116850	1,4-Dichlorobenzene-d4	7.82

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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020769.D
Acq On : 06 Jun 2019 18:33
Operator : HP/JU
Sample : K3202-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD2

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

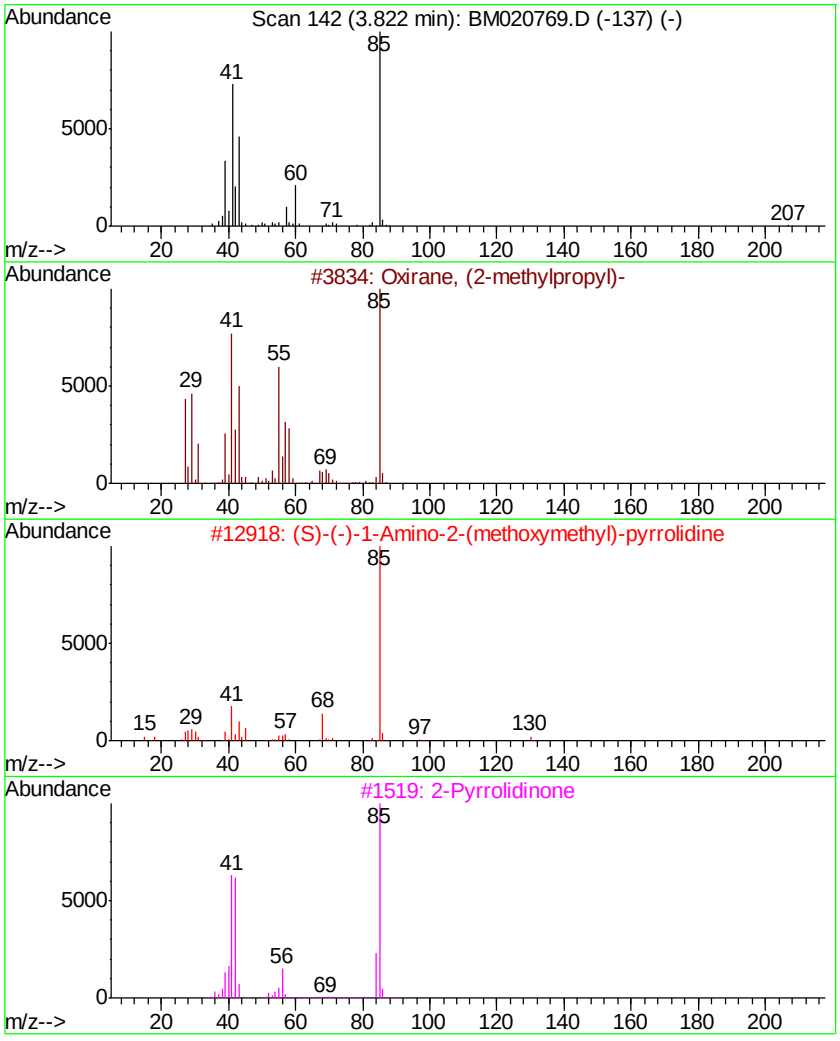
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

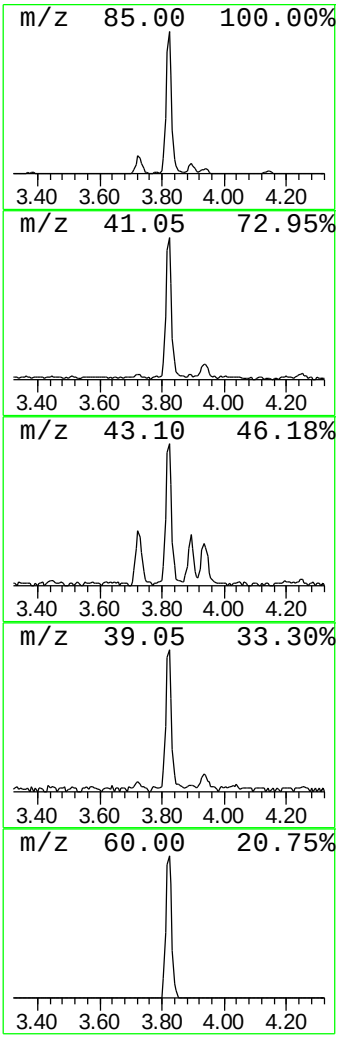
****

Peak Number 2 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	2.62 ng/ul	199386	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	36
2	(S)-(-)-1-Amino-2-(methoxymethyl...	130	C6H14N2O	059983-39-0	28
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	25
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	23
5	Methacrylamide	85	C4H7NO	000079-39-0	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020769.D
Acq On : 06 Jun 2019 18:33
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Sample : K3202-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD2

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

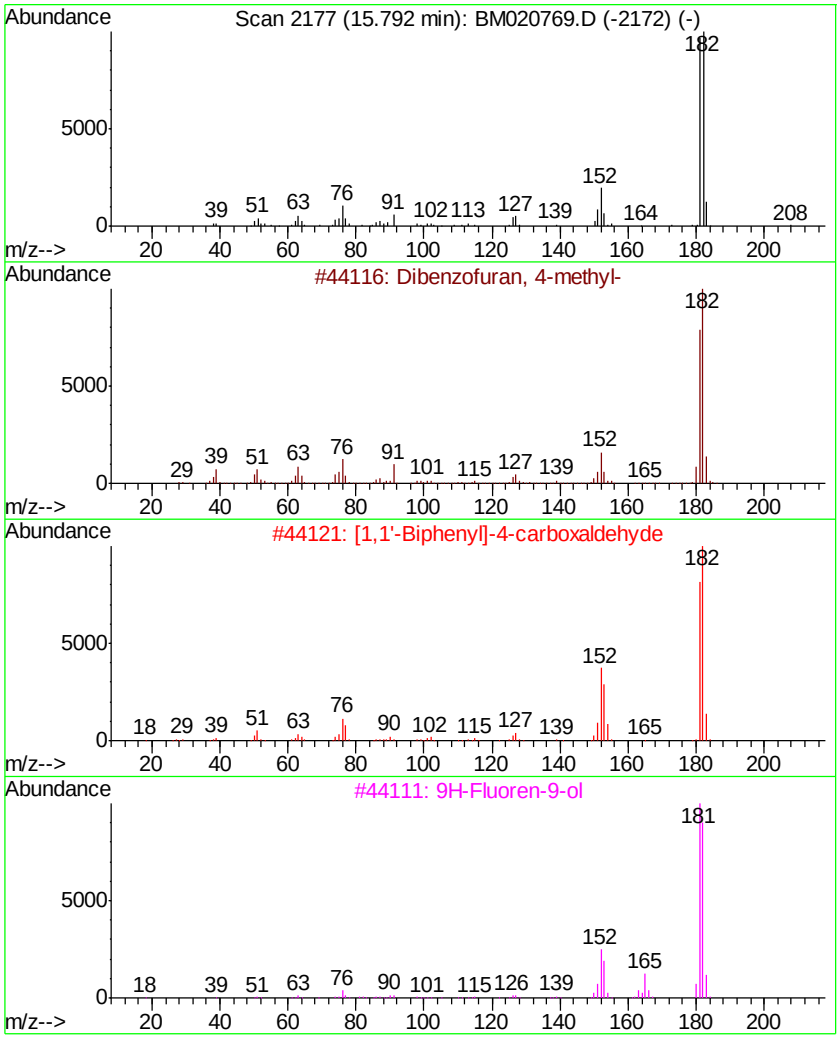
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

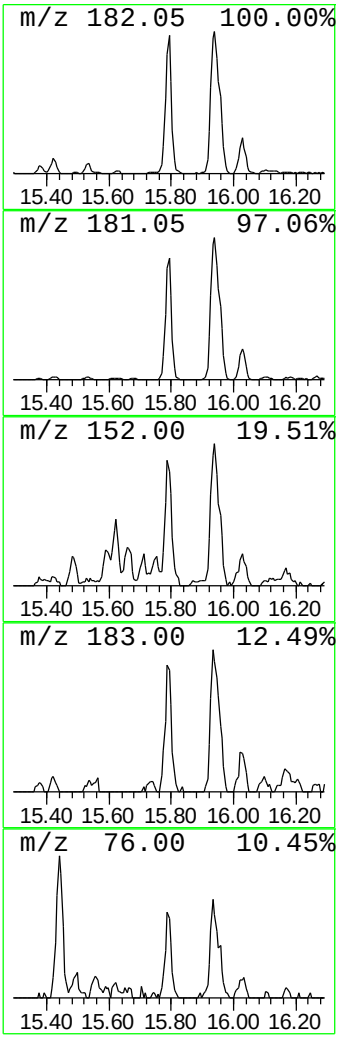
****

Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	2.09 ng/ul	299238	Acenaphthene-d10	14.45

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020769.D
Acq On : 06 Jun 2019 18:33
Operator : HP/JU
Sample : K3202-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD2

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

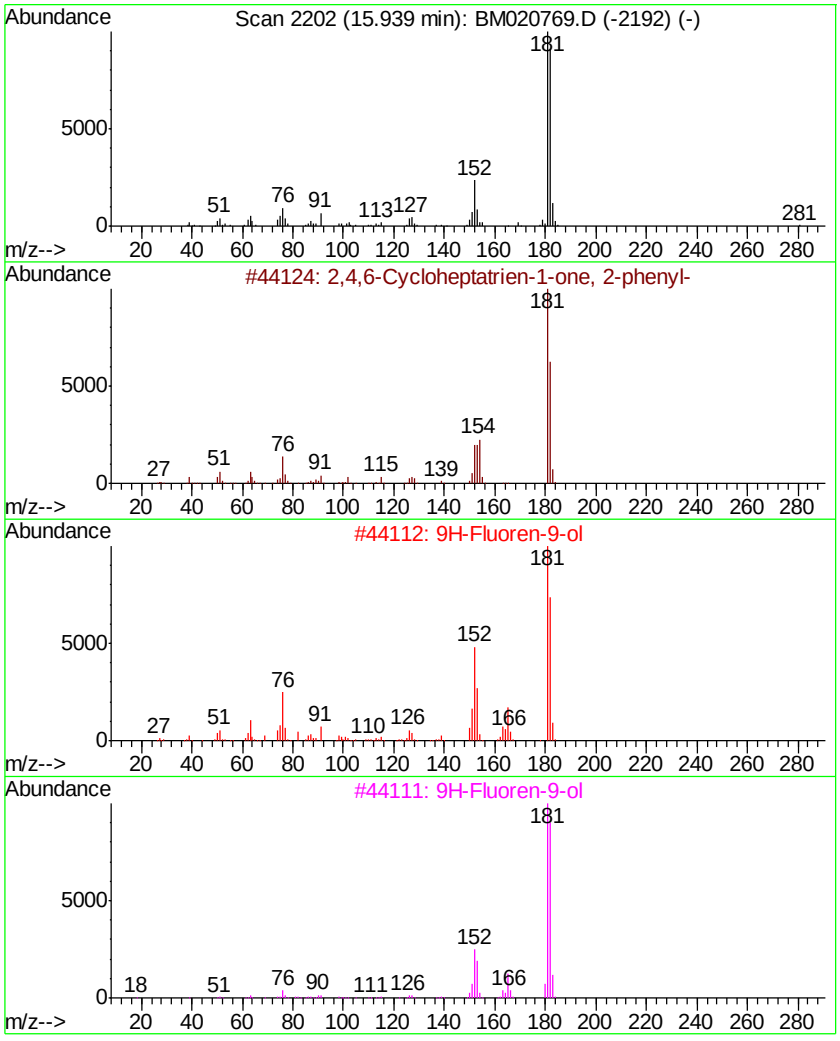
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

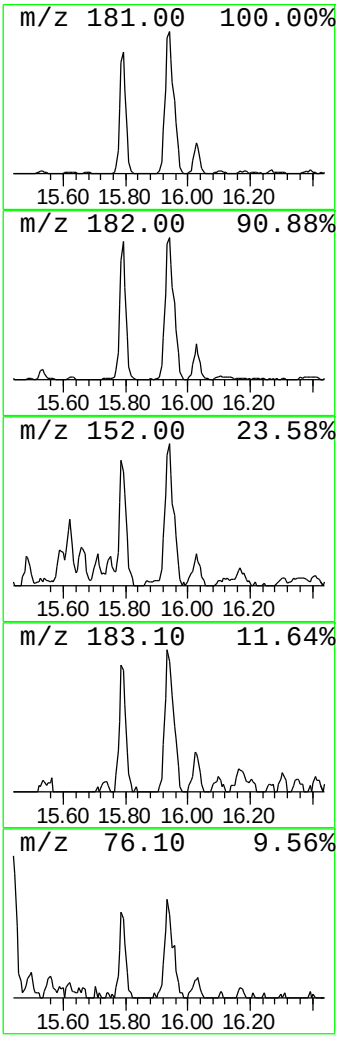
****

Peak Number 4 2,4,6-Cycloheptatrien-1-one... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	2.57 ng/ul	430465	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020769.D
Acq On : 06 Jun 2019 18:33
Operator : HP/JU
Sample : K3202-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD2

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

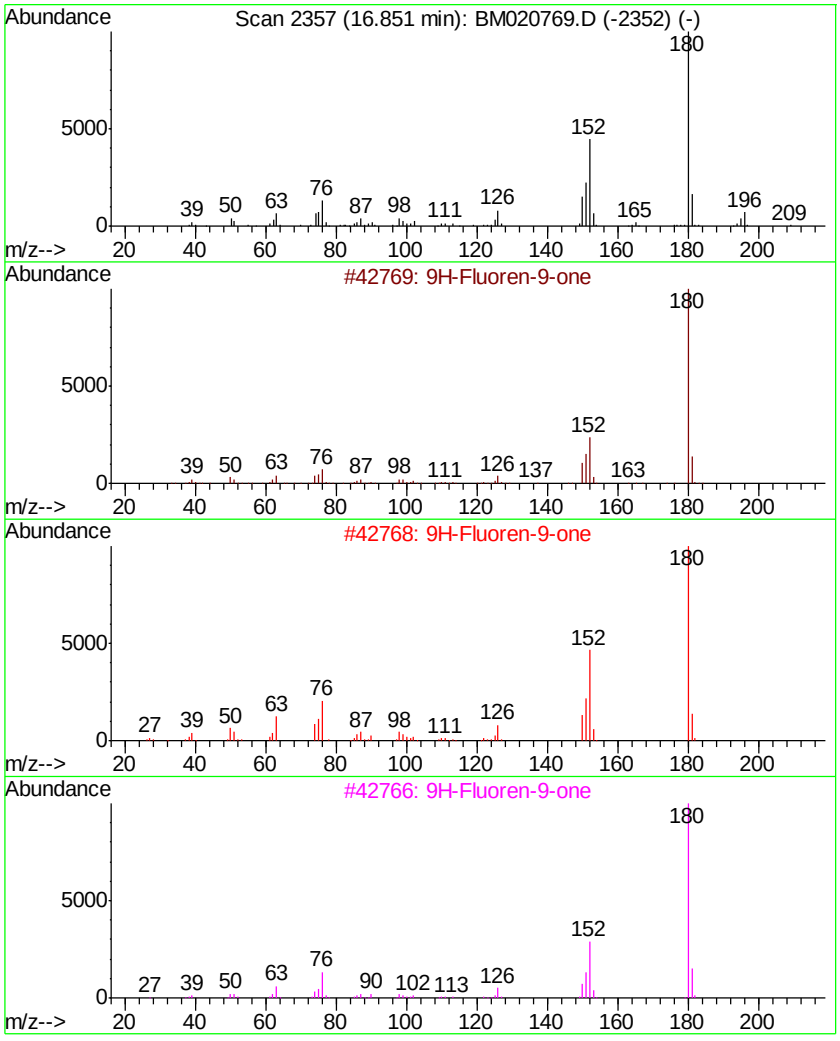
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

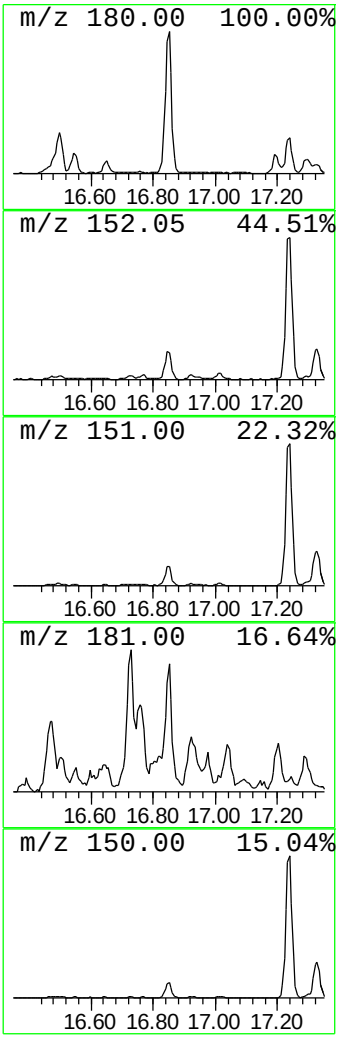
****

Peak Number 5 9H-Fluoren-9-one Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	2.19 ng/ul	366652	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	80





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Operator : HP/JU
Sample : K3202-01
Misc :
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Instrument : BNA_M
ClientSampleId : C0AD2

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Quant Title : SVOA CALIBRATION

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

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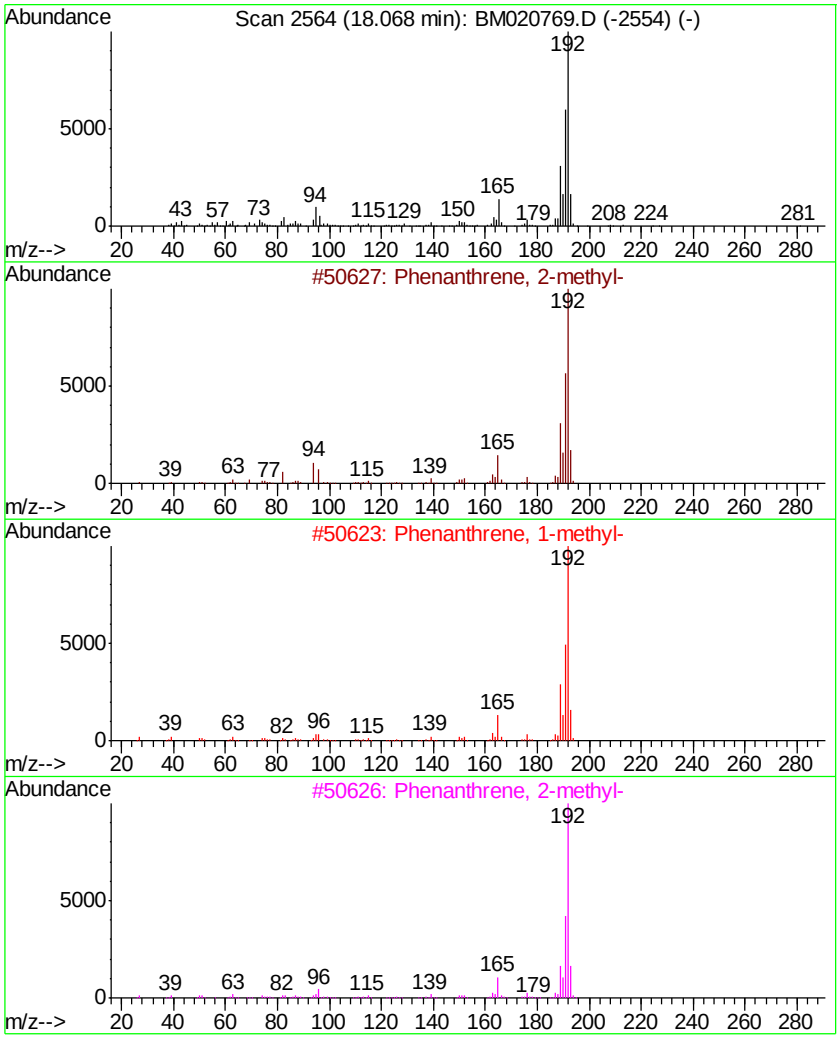
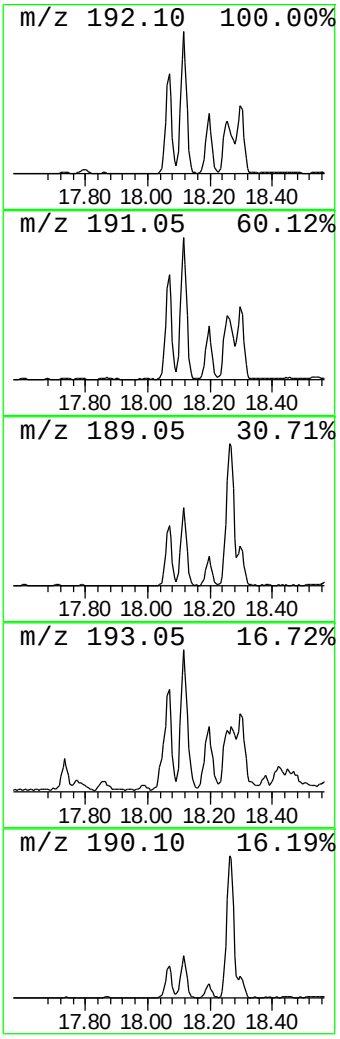
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	6.88 ng/ul	1150620	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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ClientSampleId : C0AD2

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Quant Title : SVOA CALIBRATION

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

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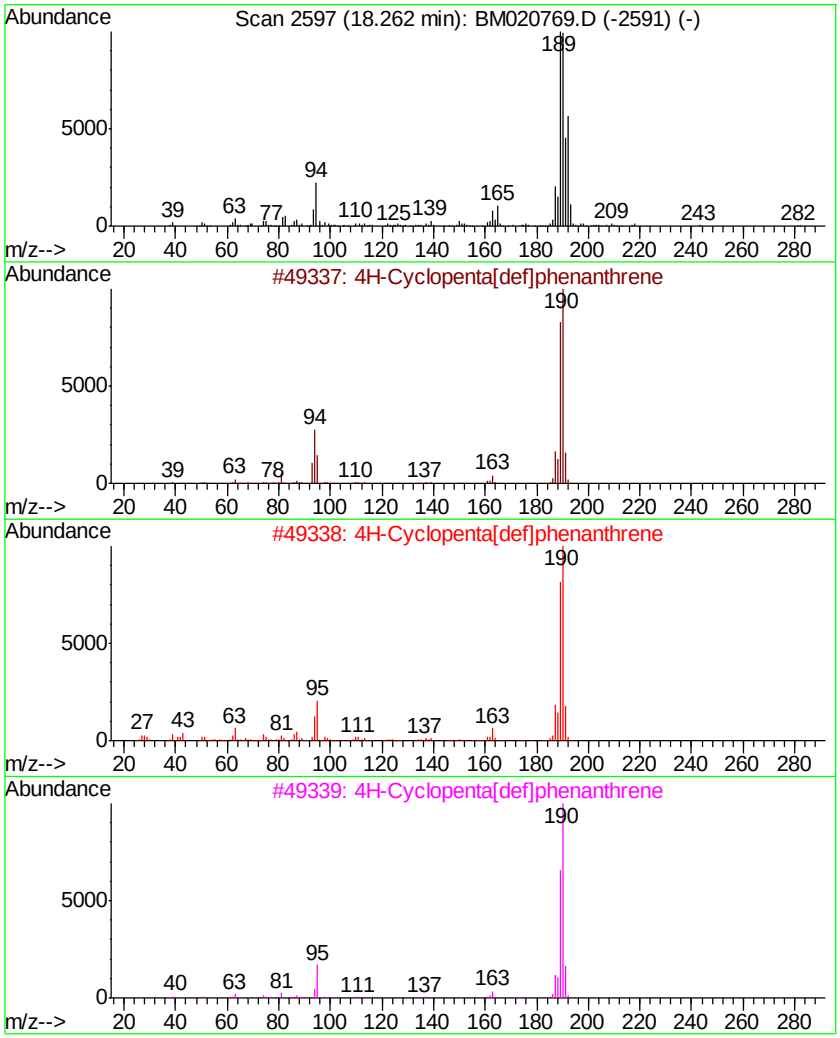
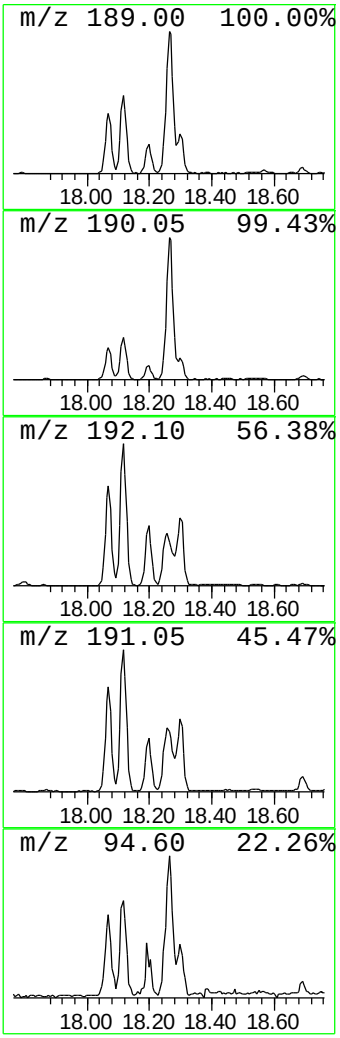
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	7.34 ng/ul	1227330	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38





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Quant Title : SVOA CALIBRATION

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

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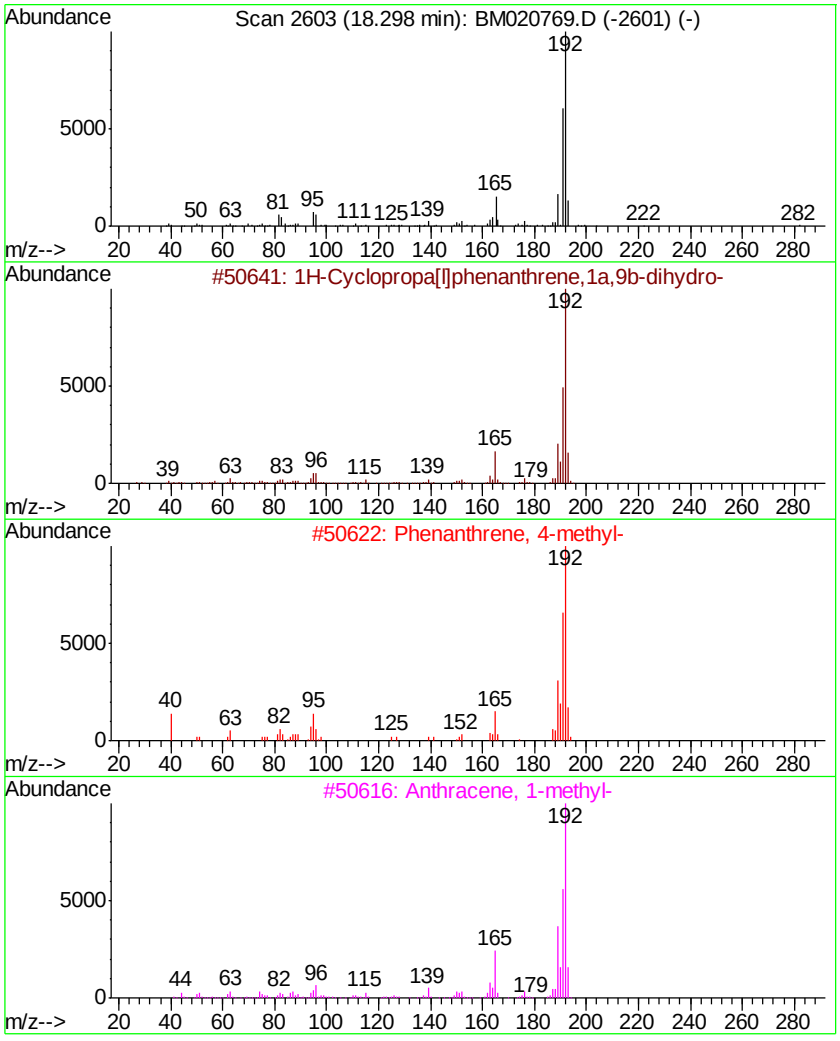
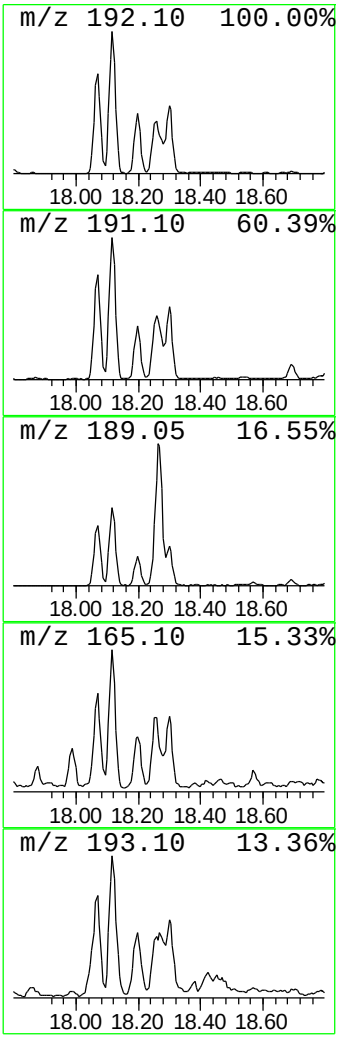
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	2.93 ng/ul	489509	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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ClientSampleId : C0AD2

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Quant Title : SVOA CALIBRATION

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

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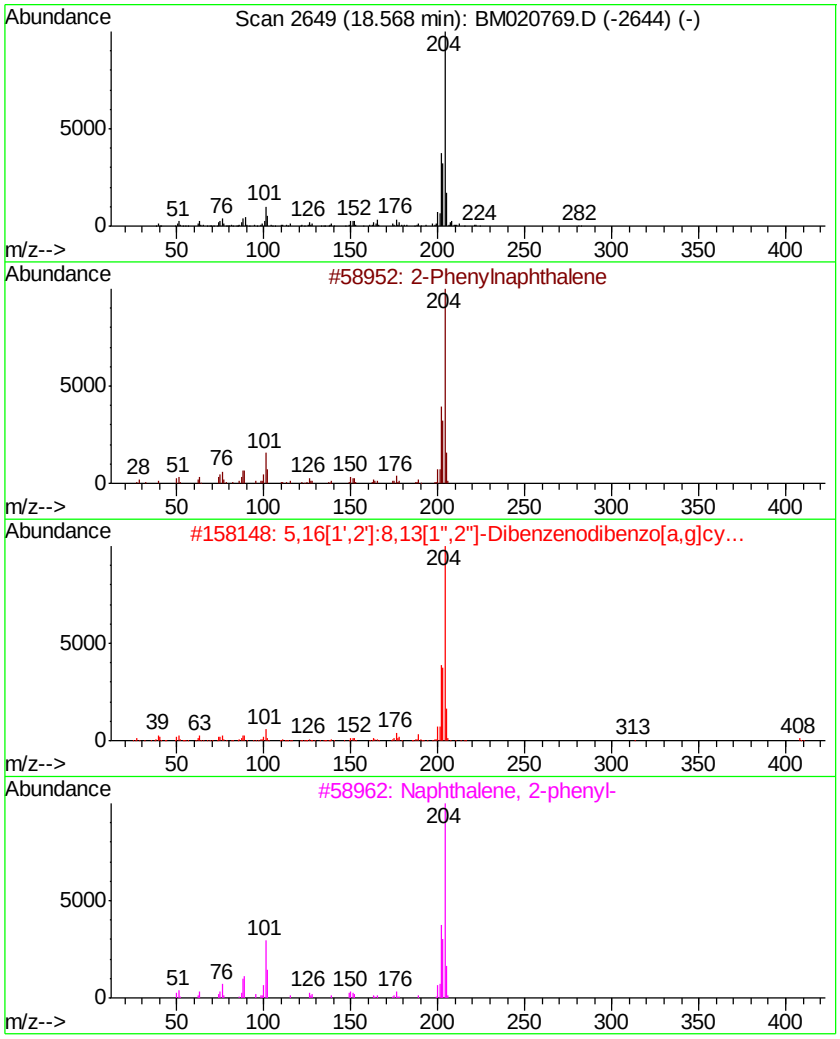
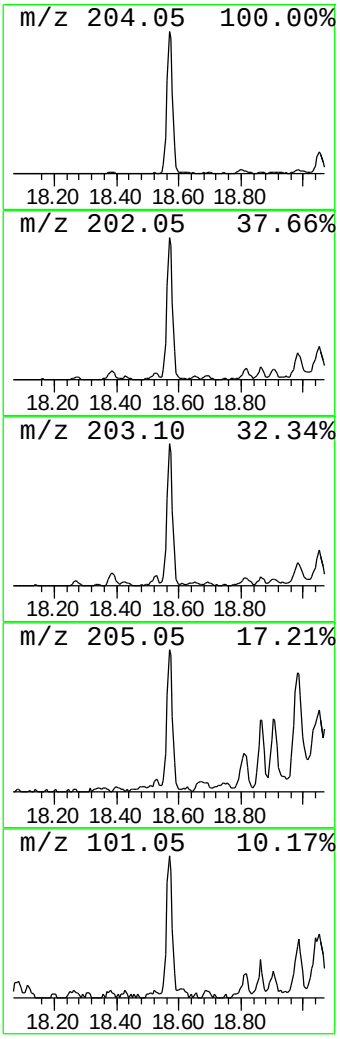
Peak Number 11 2-Phenylnaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	3.09 ng/ul	517144	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	87





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Quant Title : SVOA CALIBRATION

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

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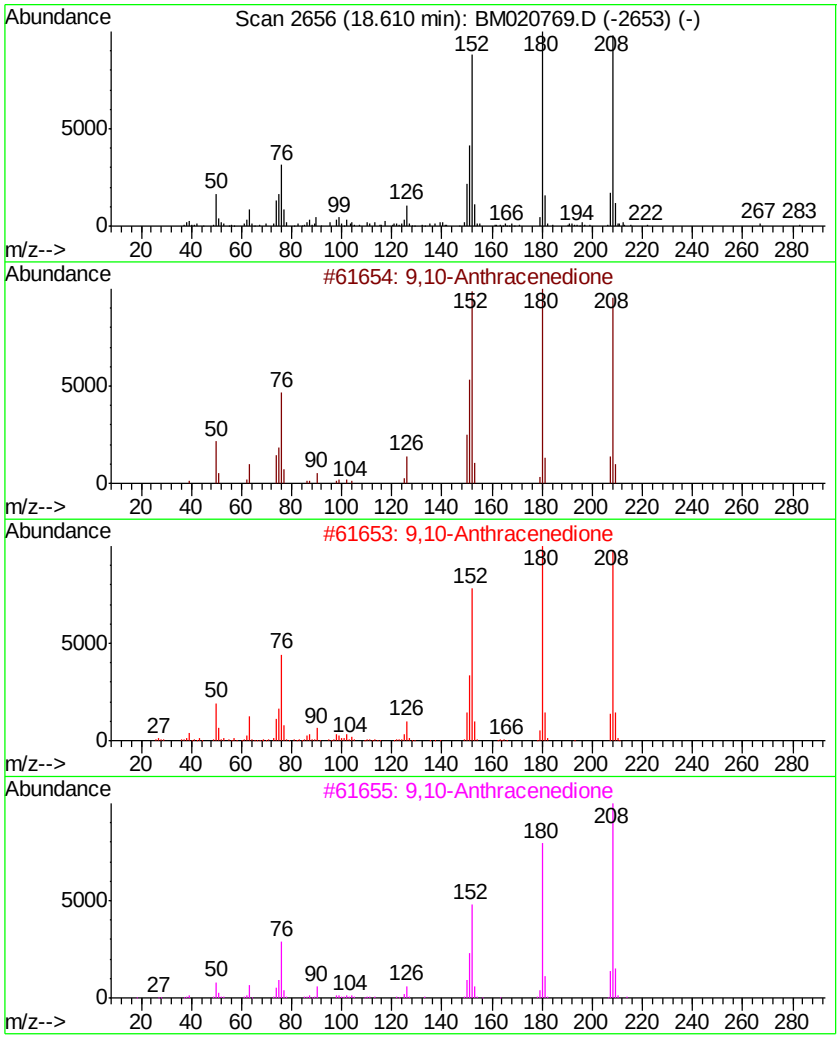
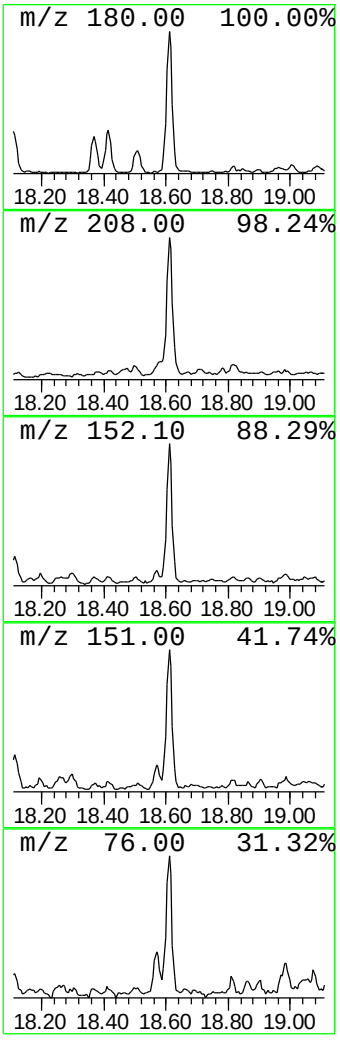
Peak Number 12 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	2.25 ng/ul	375572	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	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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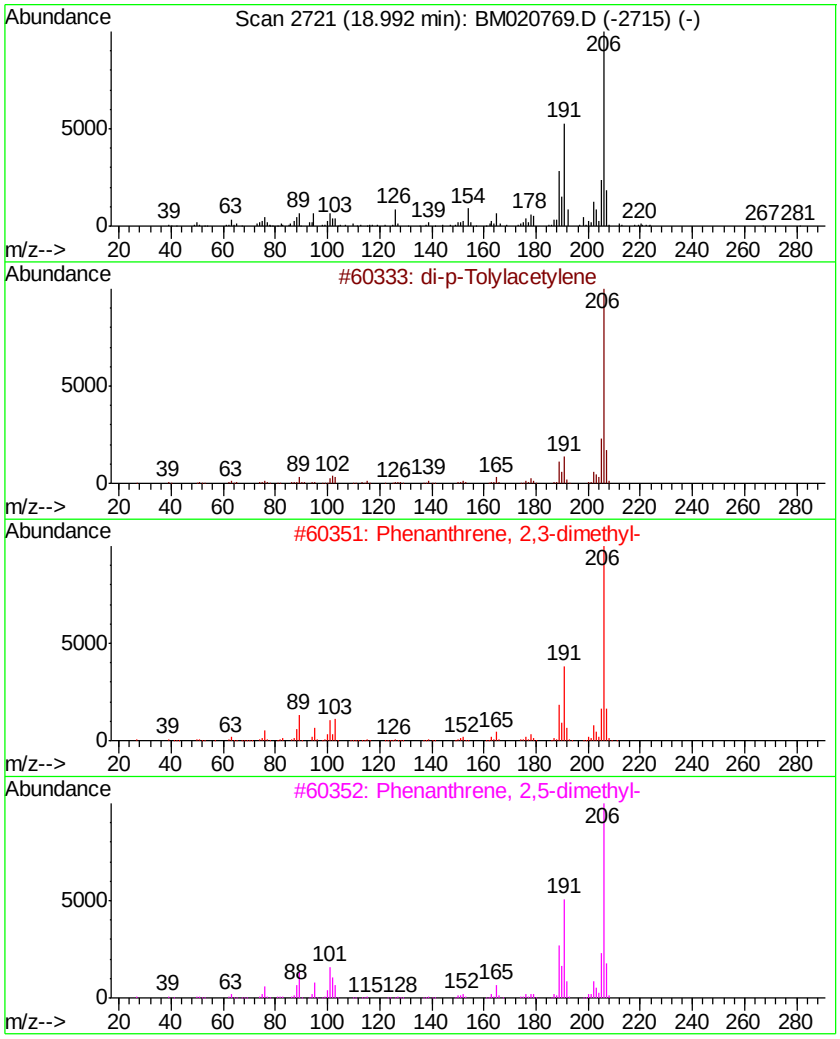
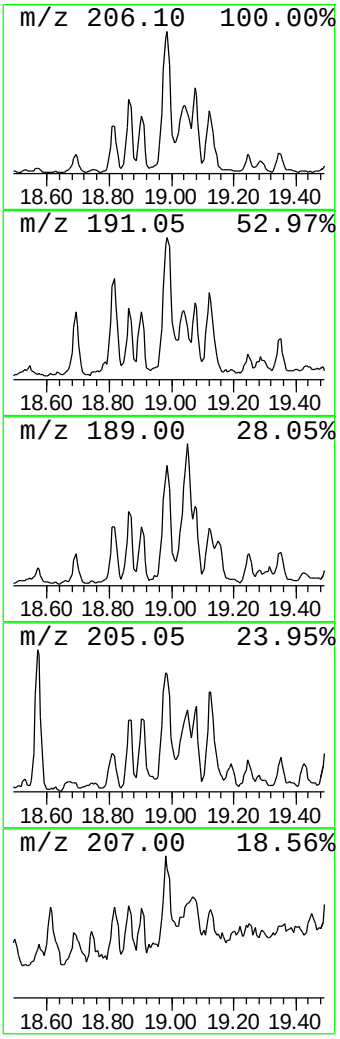
Peak Number 13 di-p-Tolylacetylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	2.83 ng/ul	473740	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Quant Title : SVOA CALIBRATION

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

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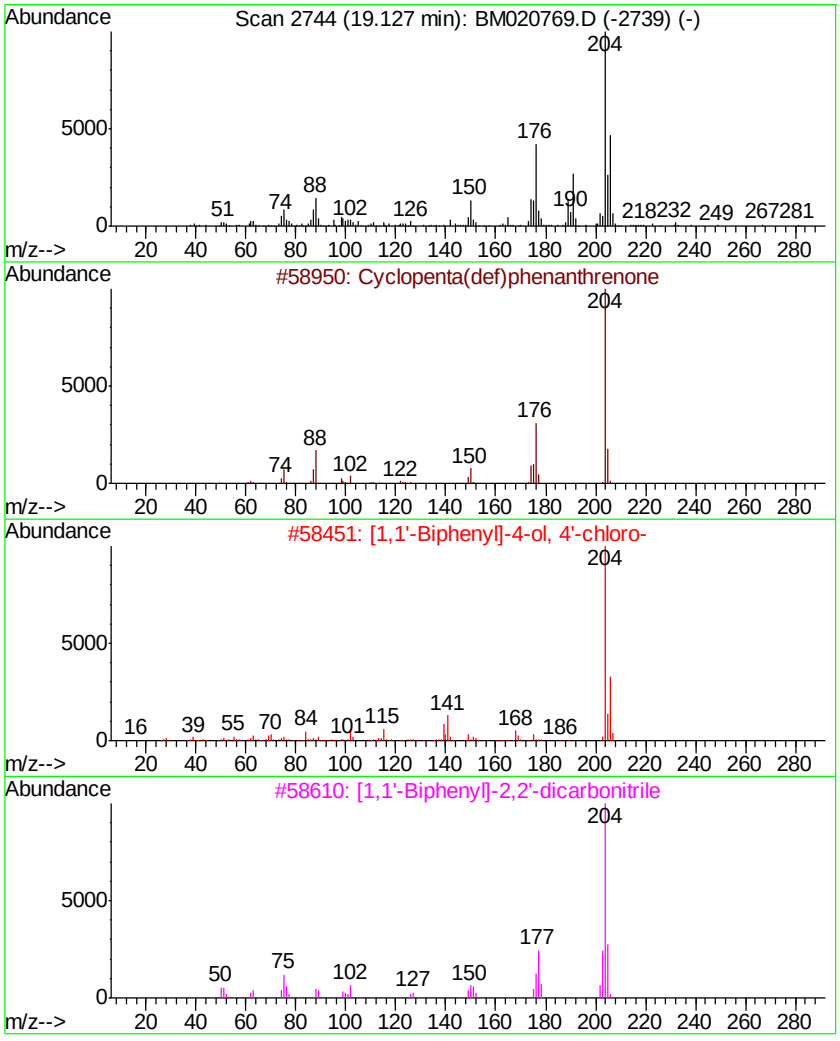
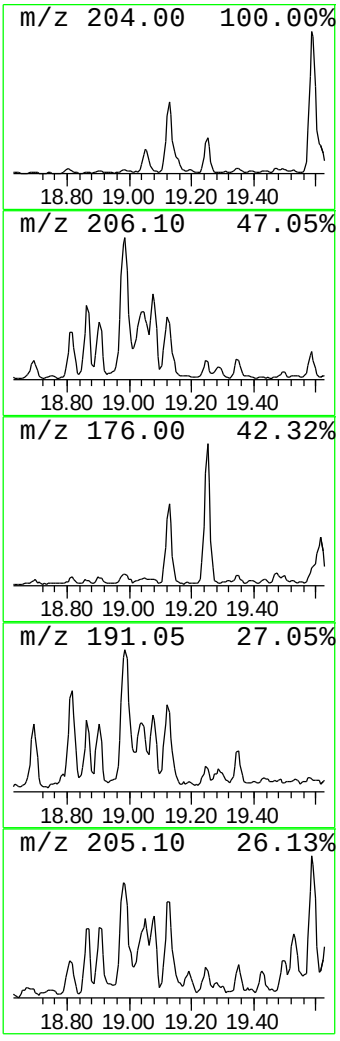
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	2.94 ng/ul	491544	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	55
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	38
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	38





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Quant Title : SVOA CALIBRATION

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

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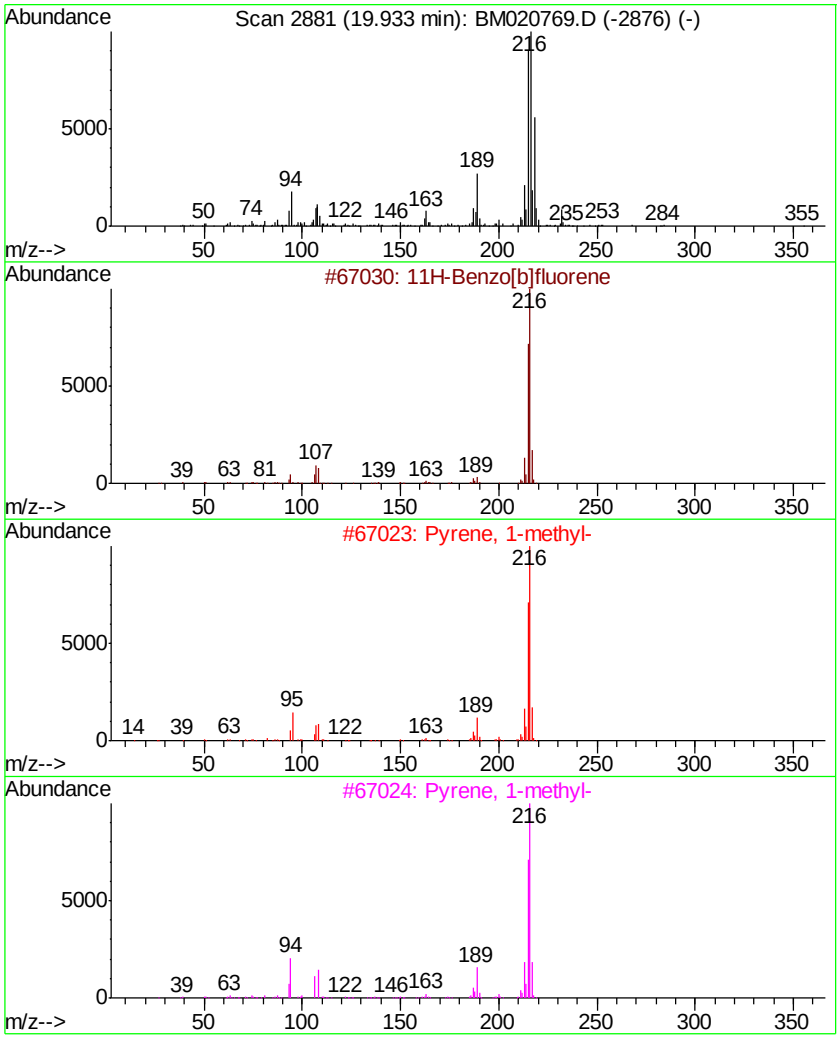
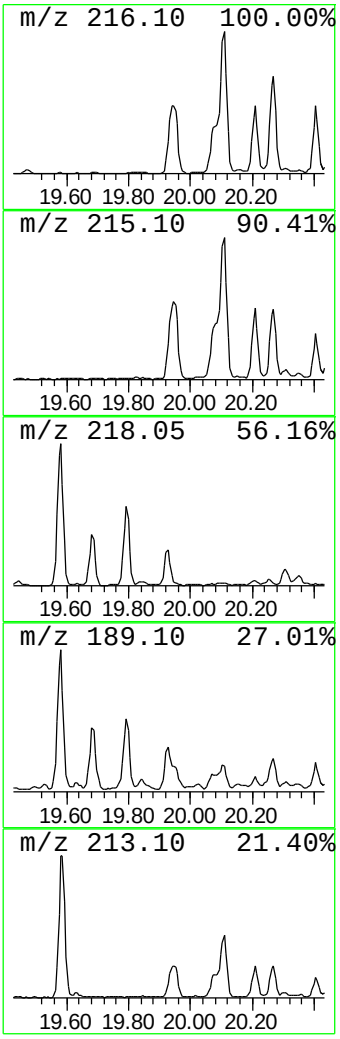
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	2.47 ng/ul	838800	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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Quant Title : SVOA CALIBRATION

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

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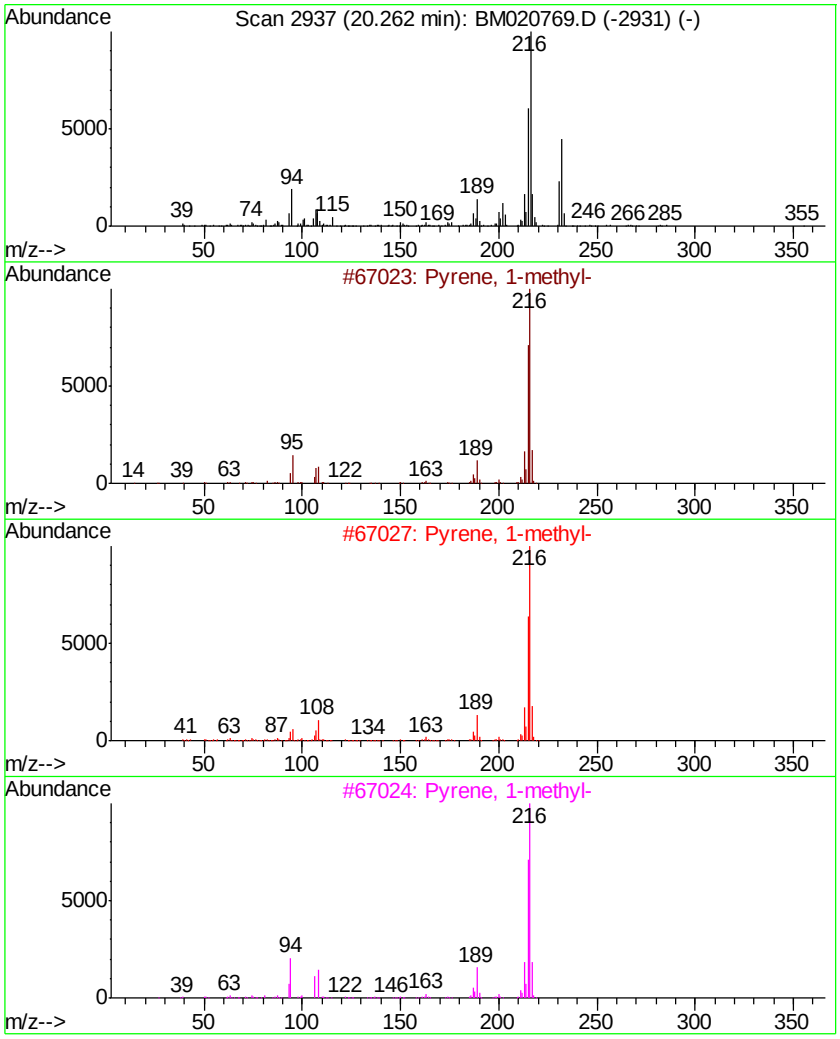
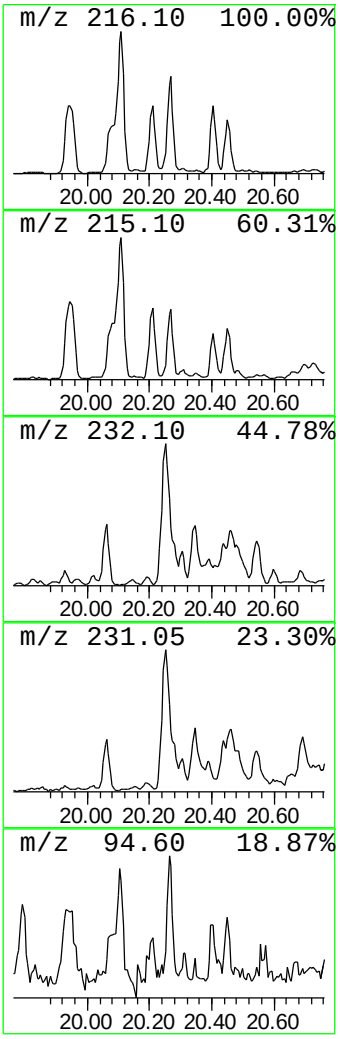
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	2.54 ng/ul	859749	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	78





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Quant Title : SVOA CALIBRATION

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

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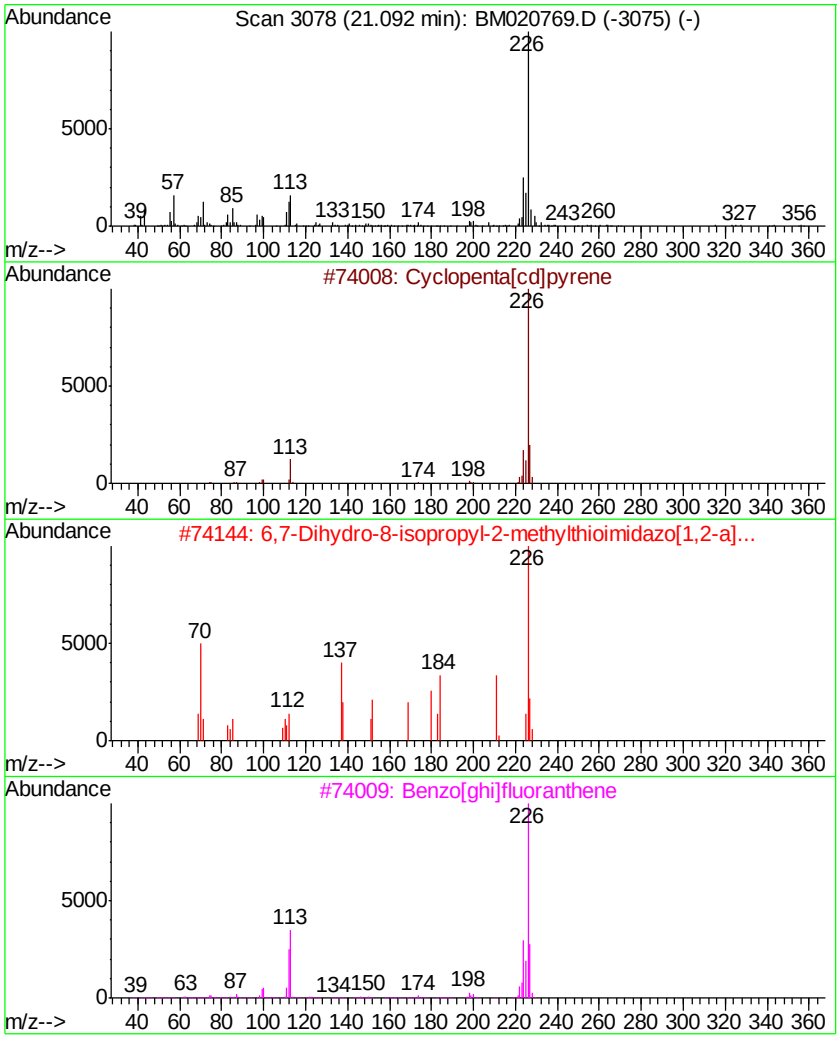
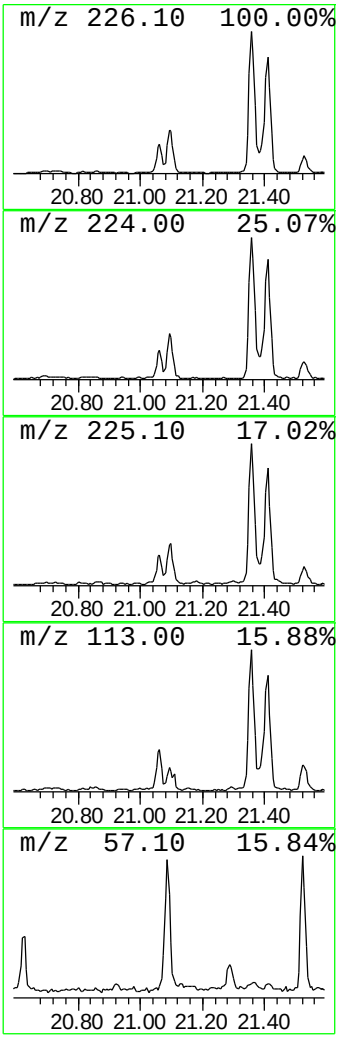
Peak Number 18 Cyclopenta[cd]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	2.29 ng/ul	776838	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	58
2	6,7-Dihydro-8-isopropyl-2-methyl...	226	C9H14N4OS	079845-32-2	50
3	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	43
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	40
5	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	10





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Quant Title : SVOA CALIBRATION

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

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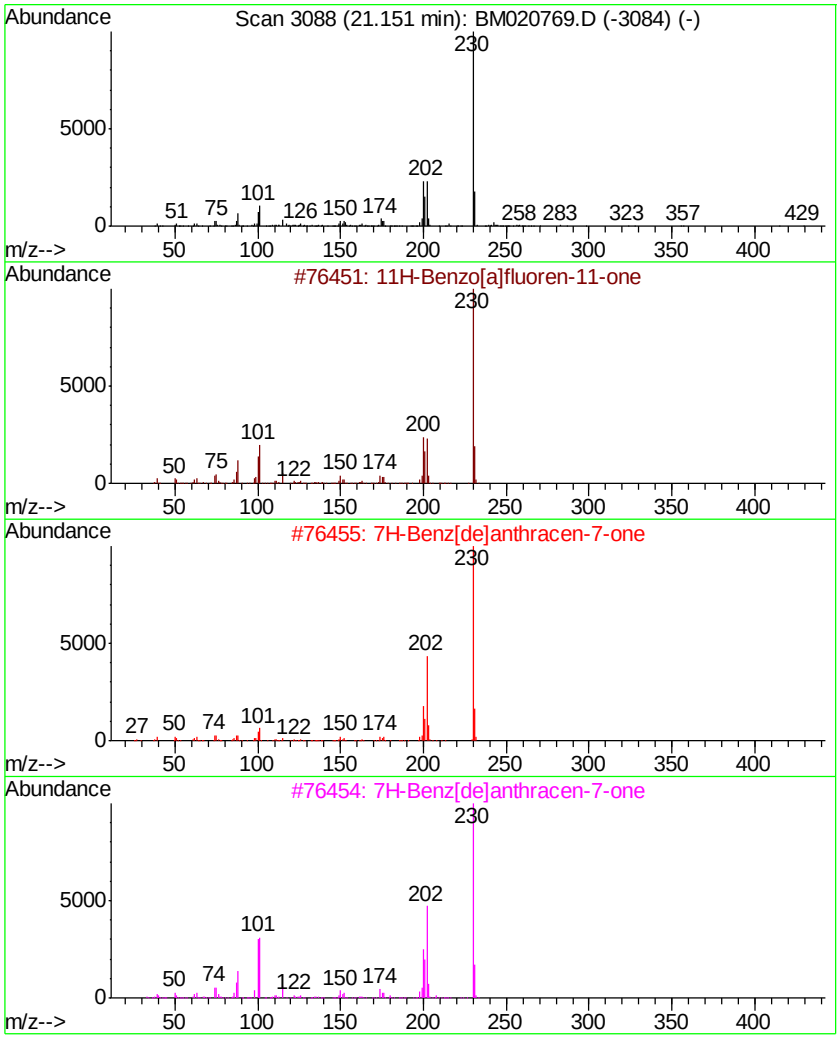
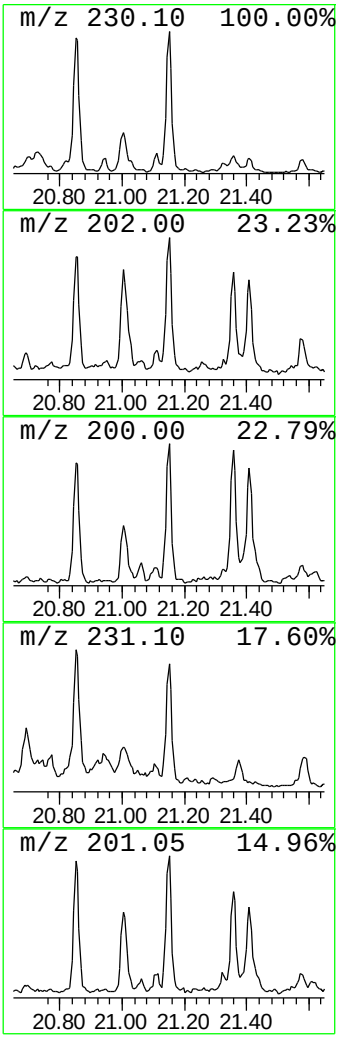
Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.15	2.23 ng/ul	754796	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	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	78
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74





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Instrument : BNA_M
ClientSampleId : C0AD2

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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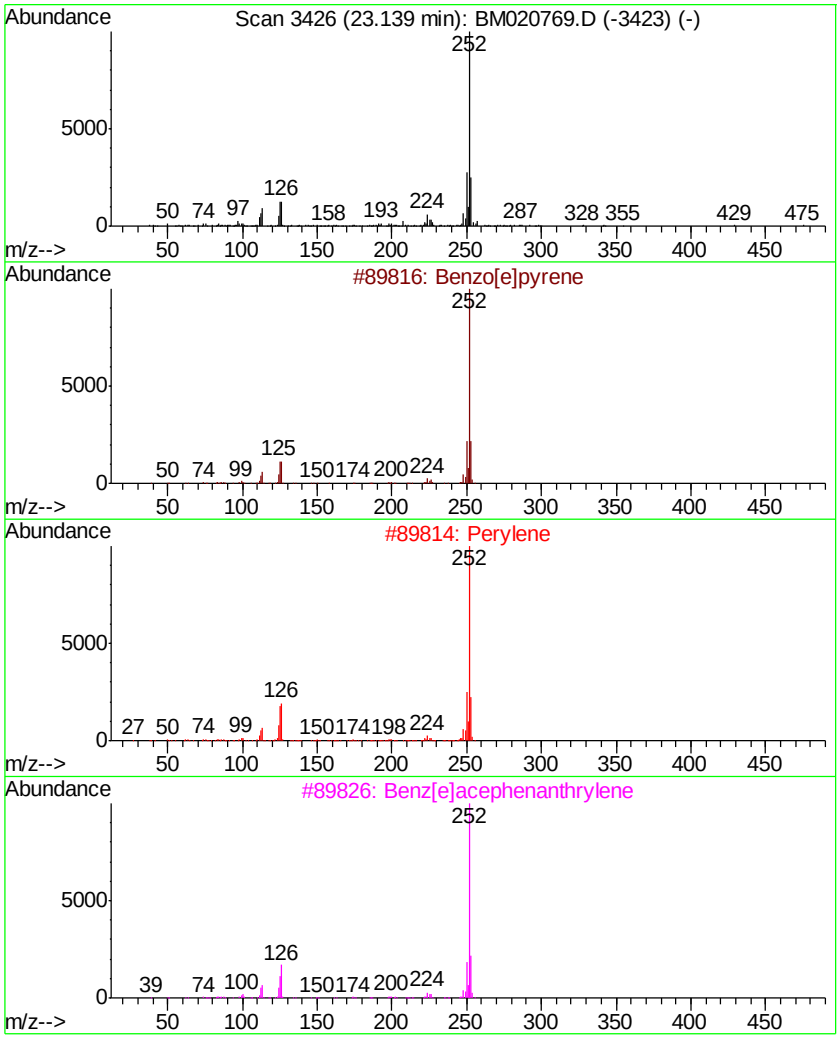
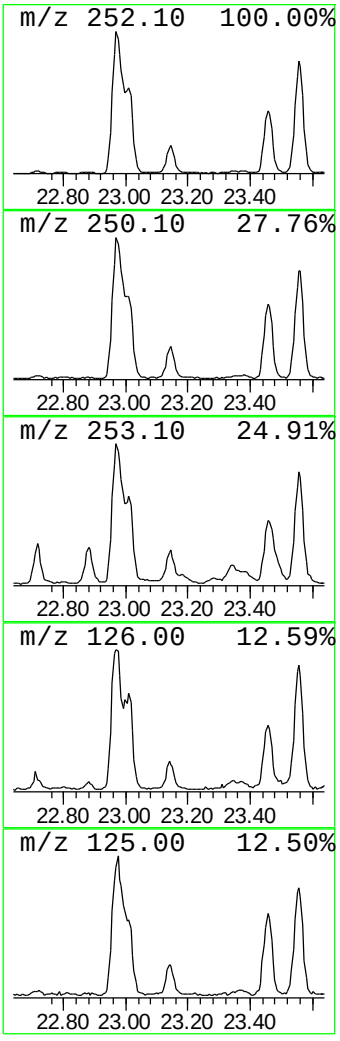
Peak Number 20 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.14	2.28 ng/ul	402881	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Perylene	252	C20H12	000198-55-0	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020769.D
Acq On : 06 Jun 2019 18:33
Operator : HP/JU
Sample : K3202-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD2

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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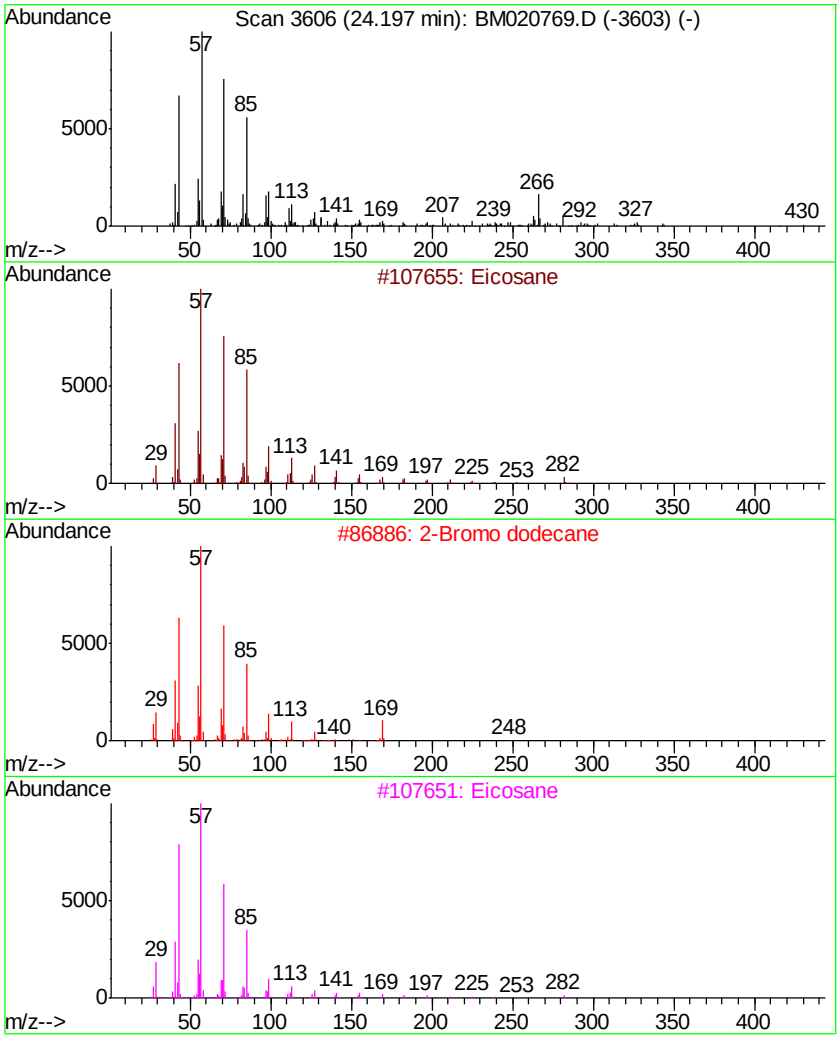
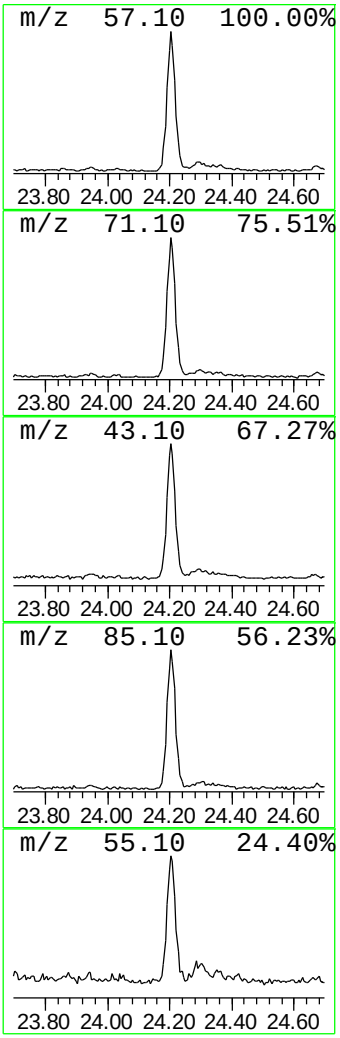
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	3.52 ng/ul	620466	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3	Eicosane	282	C20H42	000112-95-8	86
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	76
5	Heneicosane	296	C21H44	000629-94-7	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060619\
Data File : BM020769.D
Acq On : 06 Jun 2019 18:33
Operator : HP/JU
Sample : K3202-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD2

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	119.7	ng/ul	9116850	1	7.82	1523020	20.0
unknown-01	3.82	2.6	ng/ul	199386	1	7.82	1523020	20.0
Dibenzofuran, 4-m...	15.79	2.1	ng/ul	299238	3	14.45	2869480	20.0
2,4,6-Cycloheptat...	15.94	2.6	ng/ul	430465	4	17.19	3343920	20.0
9H-Fluoren-9-one	16.85	2.2	ng/ul	366652	4	17.19	3343920	20.0
Phenanthrene, 2-m...	18.07	6.9	ng/ul	1150620	4	17.19	3343920	20.0
4H-Cyclopenta[def...	18.26	7.3	ng/ul	1227330	4	17.19	3343920	20.0
1H-Cyclopropa[l]p...	18.30	2.9	ng/ul	489509	4	17.19	3343920	20.0
2-Phenylnaphthalene	18.57	3.1	ng/ul	517144	4	17.19	3343920	20.0
9,10-Anthracenedione	18.61	2.3	ng/ul	375572	4	17.19	3343920	20.0
di-p-Tolylacetylene	18.99	2.8	ng/ul	473740	4	17.19	3343920	20.0
Cyclopenta(def)ph...	19.13	2.9	ng/ul	491544	4	17.19	3343920	20.0
11H-Benzo[b]fluorene	19.93	2.5	ng/ul	838800	5	21.37	6780820	20.0
Pyrene, 1-methyl-	20.26	2.5	ng/ul	859749	5	21.37	6780820	20.0
Cyclopenta[cd]pyrene	21.09	2.3	ng/ul	776838	5	21.37	6780820	20.0
11H-Benzo[a]fluor...	21.15	2.2	ng/ul	754796	5	21.37	6780820	20.0
Benzo[e]pyrene	23.14	2.3	ng/ul	402881	6	23.66	3526810	20.0
(DEL) Alkane: Str...	24.20	3.5	ng/ul	620466	6	23.66	3526810	20.0