LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020805.D
Acq On : 07 Jun 2019 15:50
Operator : HP/JU
Sample : K3201-11DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC2DL

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	27	rVB	5320931	6373400	68.33%	4.740%
2	6.975	671	678	690	rVB	584360	956301	10.25%	0.711%
3	7.151	702	708	719	rBV	469462	752888	8.07%	0.560%
4	7.345	734	741	749	rVB	631412	1022643	10.96%	0.761%
5	7.810	812	820	827	rBV	1145990	1862826	19.97%	1.385%
6	8.510	932	939	947	rVV	679510	1097137	11.76%	0.816%
7	8.975	1011	1018	1024	rBV	568995	960075	10.29%	0.714%
8	9.692	1131	1140	1149	rBV	470272	802492	8.60%	0.597%
9	10.222	1223	1230	1240	rBV	777926	1283432	13.76%	0.955%
10	10.604	1286	1295	1300	rBV	1572927	2607634	27.96%	1.939%
11	10.651	1300	1303	1310	rVV	146512	237167	2.54%	0.176%
12	10.745	1312	1319	1333	rBV	568411	1035615	11.10%	0.770%
13	12.263	1572	1577	1585	rBV	154454	250411	2.68%	0.186%
14	12.486	1609	1615	1621	rBV	119947	187177	2.01%	0.139%
15	13.768	1826	1833	1838	rBV2	139190	250229	2.68%	0.186%
16	13.821	1838	1842	1844	rVV	112337	148566	1.59%	0.110%
17	13.863	1844	1849	1853	rVV	1262599	1826584	19.58%	1.358%
18	13.910	1853	1857	1865	rVV	527073	738327	7.92%	0.549%
19	14.145	1890	1897	1910	rVB	1489487	2404069	25.77%	1.788%
20	14.451	1938	1949	1955	rVV2	2243597	3457273	37.07%	2.571%
21	14.515	1955	1960	1968	rVV	497551	768214	8.24%	0.571%
22	14.645	1976	1982	1992	rVV2	447297	730664	7.83%	0.543%
23	14.851	2011	2017	2025	rVV	443902	691832	7.42%	0.515%
24	15.239	2076	2083	2086	rBV2	94125	166690	1.79%	0.124%
25	15.445	2109	2118	2123	rVV	1895562	2758608	29.58%	2.052%
26	15.498	2123	2127	2134	rVV	562961	894518	9.59%	0.665%
27	15.562	2134	2138	2142	rVV	212971	351782	3.77%	0.262%
28	15.621	2145	2148	2151	rVV	123280	179088	1.92%	0.133%
29	15.662	2151	2155	2160	rVV2	131928	246808	2.65%	0.184%
30	15.751	2166	2170	2173	rVV2	83906	139431	1.49%	0.104%
31	15.792	2173	2177	2186	rVB	283661	416054	4.46%	0.309%
32	15.939	2197	2202	2210	rVB	304888	587318	6.30%	0.437%
33	16.027	2210	2217	2224	rVB2	80859	190364	2.04%	0.142%
34	16.174	2233	2242	2247	rVB5	90593	181574	1.95%	0.135%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3201-11DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC2DL

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	16.474	2286	2293	2294	rBV3	129004	199588	2.14%	0.148%
36	16.498	2295	2297	2302	rVB2	154615	219504	2.35%	0.163%
37	16.727	2328	2336	2340	rBV3	180706	364748	3.91%	0.271%
38	16.768	2340	2343	2346	rVB2	140371	164227	1.76%	0.122%
39	16.851	2352	2357	2363	rVB	395635	593303	6.36%	0.441%
40	16.927	2364	2370	2372	rBV2	188591	318011	3.41%	0.237%
41	17.015	2381	2385	2393	rVB	273540	445625	4.78%	0.331%
42	17.198	2410	2416	2419	rBV	2719107	3851208	41.29%	2.864%
43	17.239	2419	2423	2428	rVV	5058628	6984469	74.88%	5.194%
44	17.292	2428	2432	2436	rVV	1964391	3026200	32.44%	2.251%
45	17.327	2436	2438	2443	rVV	1222203	1542731	16.54%	1.147%
46	17.386	2443	2448	2453	rVB2	123378	224304	2.40%	0.167%
47	17.598	2474	2484	2497	rBV2	563736	1325559	14.21%	0.986%
48	17.715	2501	2504	2510	rVV3	100905	171881	1.84%	0.128%
49	17.774	2510	2514	2522	rVB4	127869	224894	2.41%	0.167%
50	18.074	2559	2565	2569	rVV2	923244	1737332	18.63%	1.292%
51	18.115	2569	2572	2579	rVB	1211413	1724326	18.49%	1.282%
52	18.198	2581	2586	2591	rVB	480223	717705	7.69%	0.534%
53	18.268	2591	2598	2601	rBV2	954150	1779626	19.08%	1.324%
54	18.303	2601	2604	2610	rVB	529486	707526	7.59%	0.526%
55	18.374	2613	2616	2620	rVV3	127555	175451	1.88%	0.130%
56	18.415	2620	2623	2627	rVV2	127255	154290	1.65%	0.115%
57	18.574	2645	2650	2653	rBV	522905	708394	7.59%	0.527%
58	18.615	2653	2657	2662	rVB	463690	597893	6.41%	0.445%
59	18.815	2687	2691	2695	rBV3	249988	338597	3.63%	0.252%
60	18.868	2696	2700	2703	rVV	175914	226225	2.43%	0.168%
61	18.903	2703	2706	2710	rVB2	199642	244087	2.62%	0.182%
62	18.986	2715	2720	2726	rBV	446922	834930	8.95%	0.621%
63	19.056	2727	2732	2734	rVV2	228341	405023	4.34%	0.301%
64	19.080	2734	2736	2740	rVB	197930	204167	2.19%	0.152%
65	19.133	2740	2745	2753	rVB2	409551	749910	8.04%	0.558%
66	19.256	2760	2766	2771	rVB	5850047	7890624	84.60%	5.868%
67	19.315	2772	2776	2779	rBV2	138332	195523	2.10%	0.145%
68	19.356	2779	2783	2788	rBV2	293270	476232	5.11%	0.354%
69	19.450	2795	2799	2802	rBV2	162567	221477	2.37%	0.165%
70	19.586	2817	2822	2825	rBV3	3223545	5117917	54.87%	3.806%
71	19.621	2825	2828	2835	rVV	4621463	5966423	63.97%	4.437%

LSC Area Percent Report

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Acq On : 07 Jun 2019 15:50
Operator : HP/JU
Sample : K3201-11DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC2DL

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

72	19.686	2835	2839	2845	rVB2	463565	713590	7.65%	0.531%
73	19.797	2854	2858	2863	rVB	435943	586864	6.29%	0.436%
74	19.856	2864	2868	2873	rBV2	181888	287145	3.08%	0.214%
75	19.933	2876	2881	2888	rBV3	562241	1452040	15.57%	1.080%
76	20.074	2900	2905	2907	rBV3	340405	619556	6.64%	0.461%
77	20.109	2908	2911	2917	rVB	810167	1170361	12.55%	0.870%
78	20.209	2924	2928	2932	rBV	402483	550913	5.91%	0.410%
79	20.268	2932	2938	2942	rVV2	683782	1218879	13.07%	0.906%
80	20.309	2942	2945	2948	rVB	212930	233907	2.51%	0.174%
81	20.350	2948	2952	2956	rBV2	172295	259755	2.78%	0.193%
82	20.409	2958	2962	2966	rBV	373405	515850	5.53%	0.384%
83	20.456	2966	2970	2973	rBV3	373268	519886	5.57%	0.387%
84	20.856	3034	3038	3044	rBV	787640	1078266	11.56%	0.802%
85	21.021	3061	3066	3070	rBV2	478970	893320	9.58%	0.664%
86	21.062	3070	3073	3075	rBV	489469	580027	6.22%	0.431%
87	21.156	3085	3089	3099	rVB	797149	1215302	13.03%	0.904%
88	21.291	3109	3112	3116	rVB	301491	320003	3.43%	0.238%
89	21.368	3120	3125	3130	rVV3	4606389	9327214	100.00%	6.937%
90	21.415	3130	3133	3142	rVB	2960947	3871782	41.51%	2.879%
91	21.533	3149	3153	3160	rBV2	383111	583754	6.26%	0.434%
92	21.697	3177	3181	3185	rBV2	394908	631190	6.77%	0.469%
93	21.939	3218	3222	3225	rVB	577111	713149	7.65%	0.530%
94	22.133	3253	3255	3259	rBV	220725	250043	2.68%	0.186%
95	22.980	3392	3399	3404	rBV3	2096839	5488876	58.85%	4.082%
96	23.474	3478	3483	3486	rBV	906131	1572579	16.86%	1.170%
97	23.521	3486	3491	3495	rVV2	1443760	3087839	33.11%	2.296%
98	23.568	3495	3499	3505	rVB	1738256	3170568	33.99%	2.358%
99	23.668	3510	3516	3521	rBV	2022977	3718871	39.87%	2.766%
100	25.985	3903	3910	3922	rVB2	814039	2441819	26.18%	1.816%

Sum of corrected areas: 134460469

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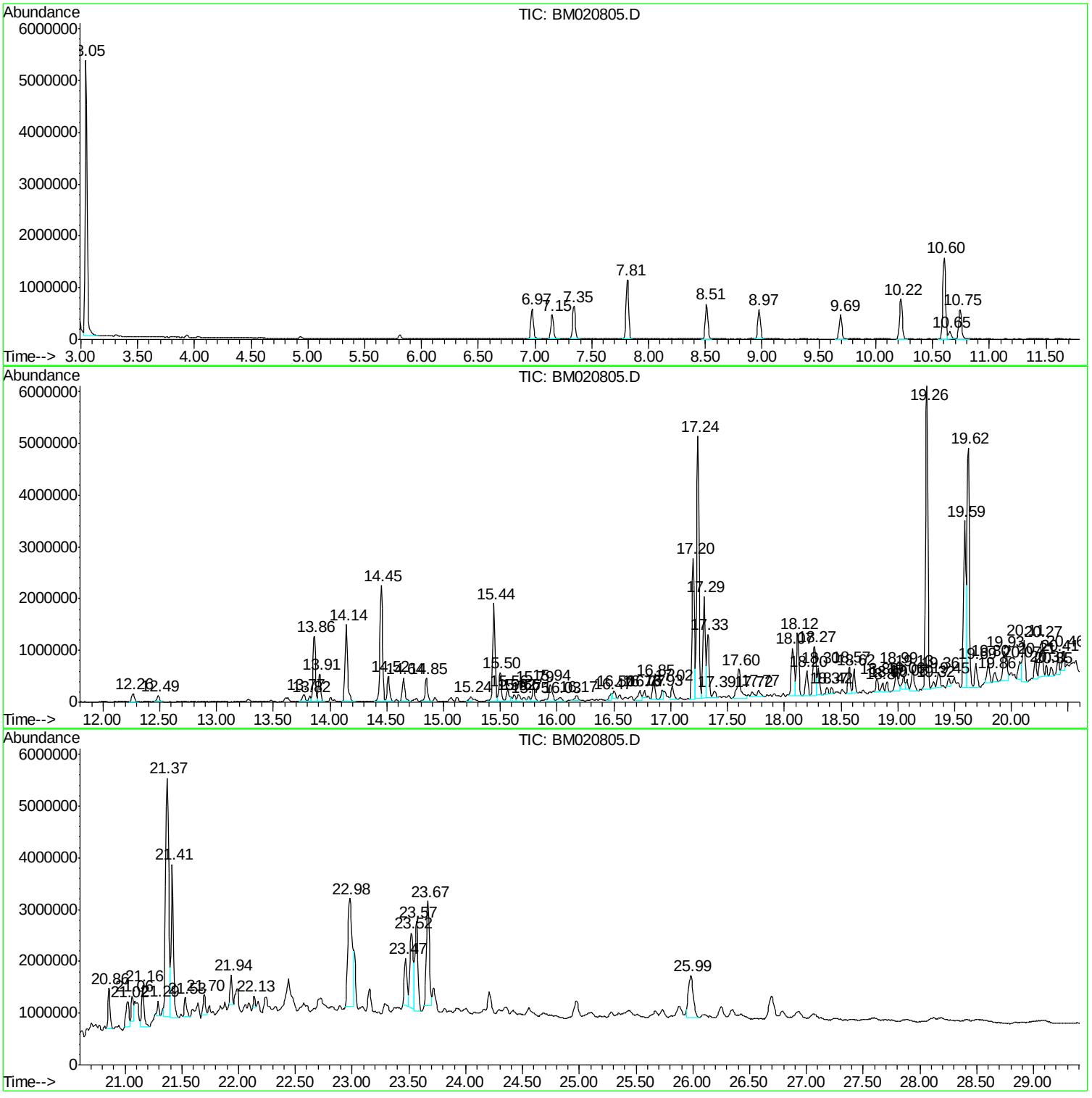
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC2DL

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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Misc :
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Instrument : BNA_M
ClientSampleId : C0AC2DL

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

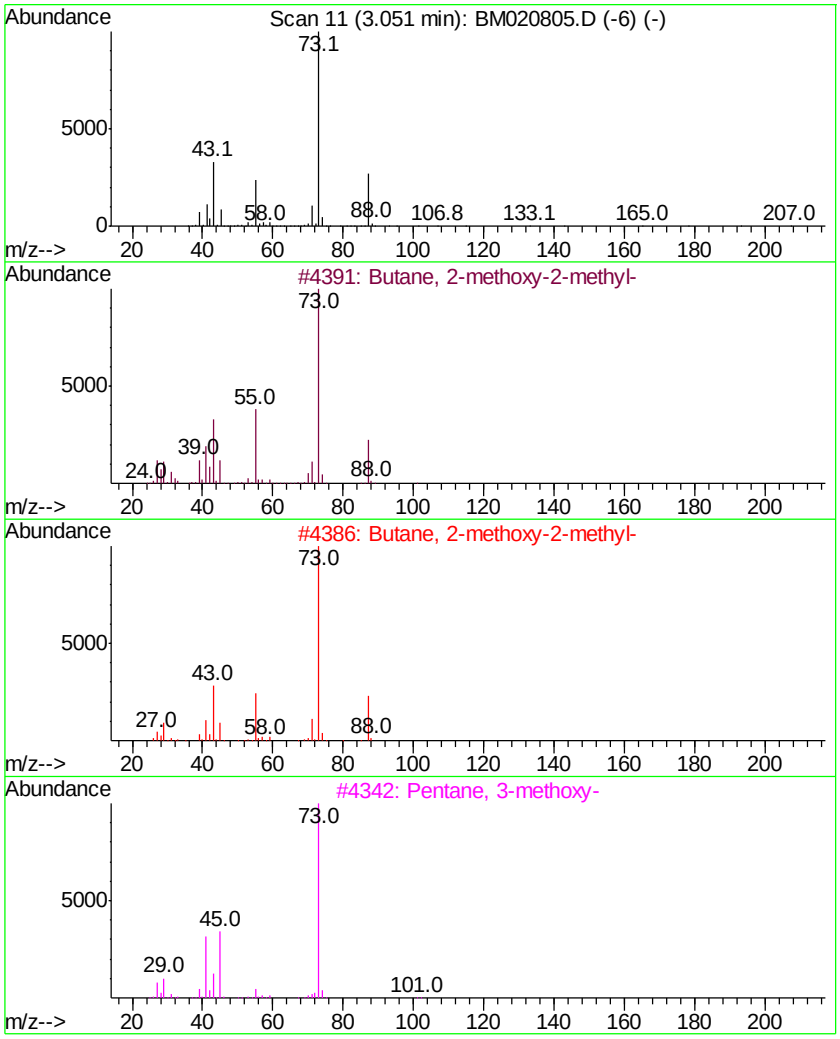
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

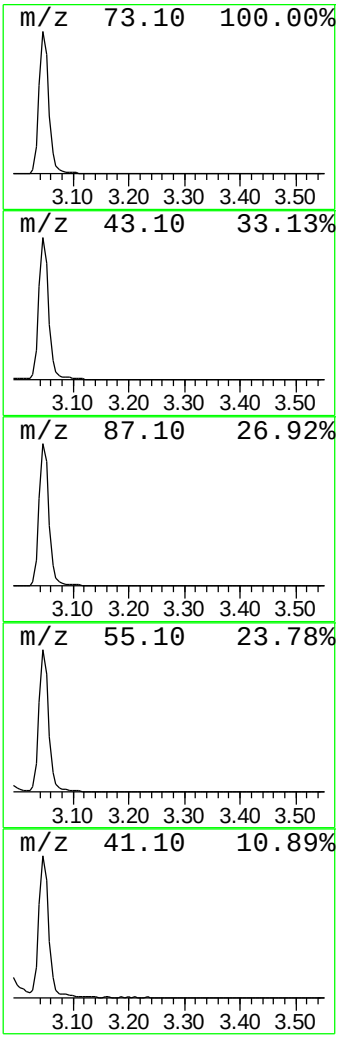
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	68.43 ng/ul	6373400	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	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020805.D
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Sample : K3201-11DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC2DL

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

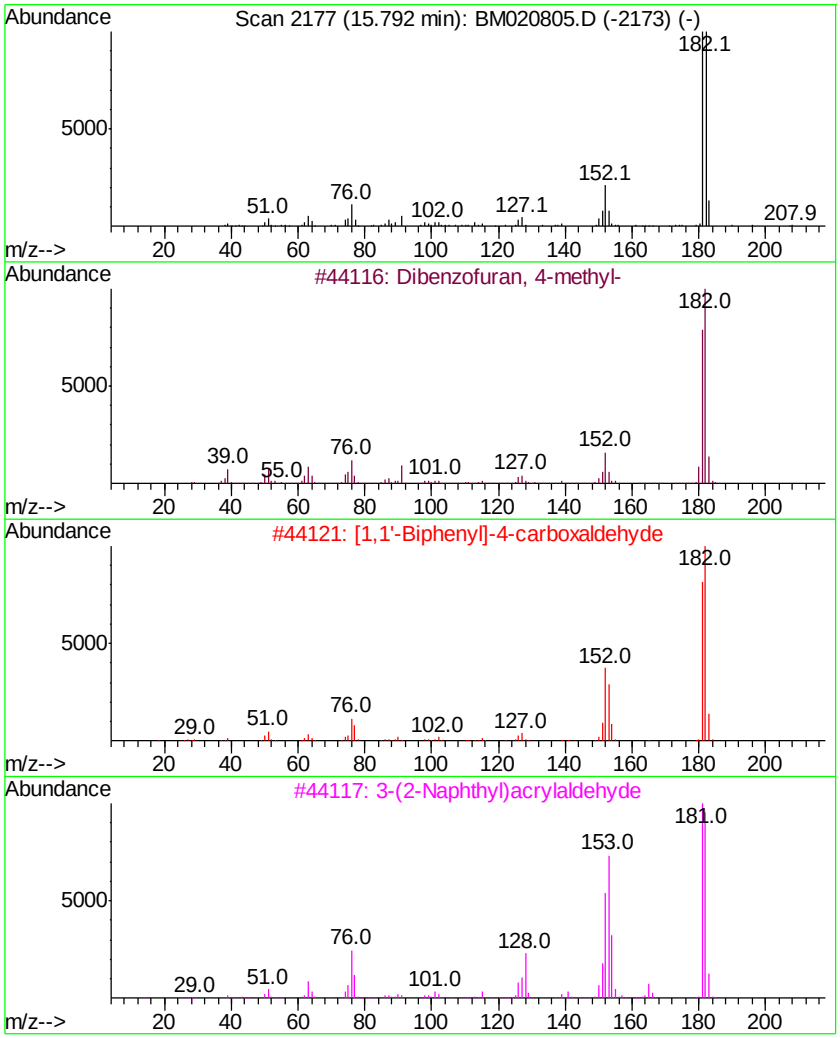
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

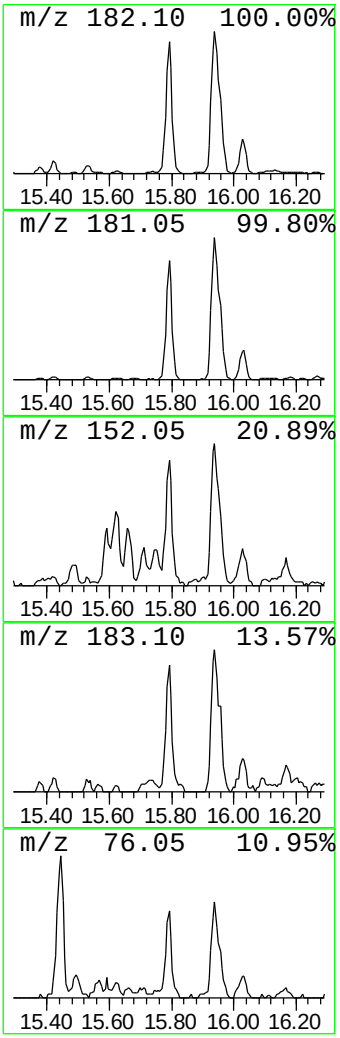
****

Peak Number 2 Dibenzofuran, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	2.41 ng/ul	416054	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
3	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	78
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC2DL

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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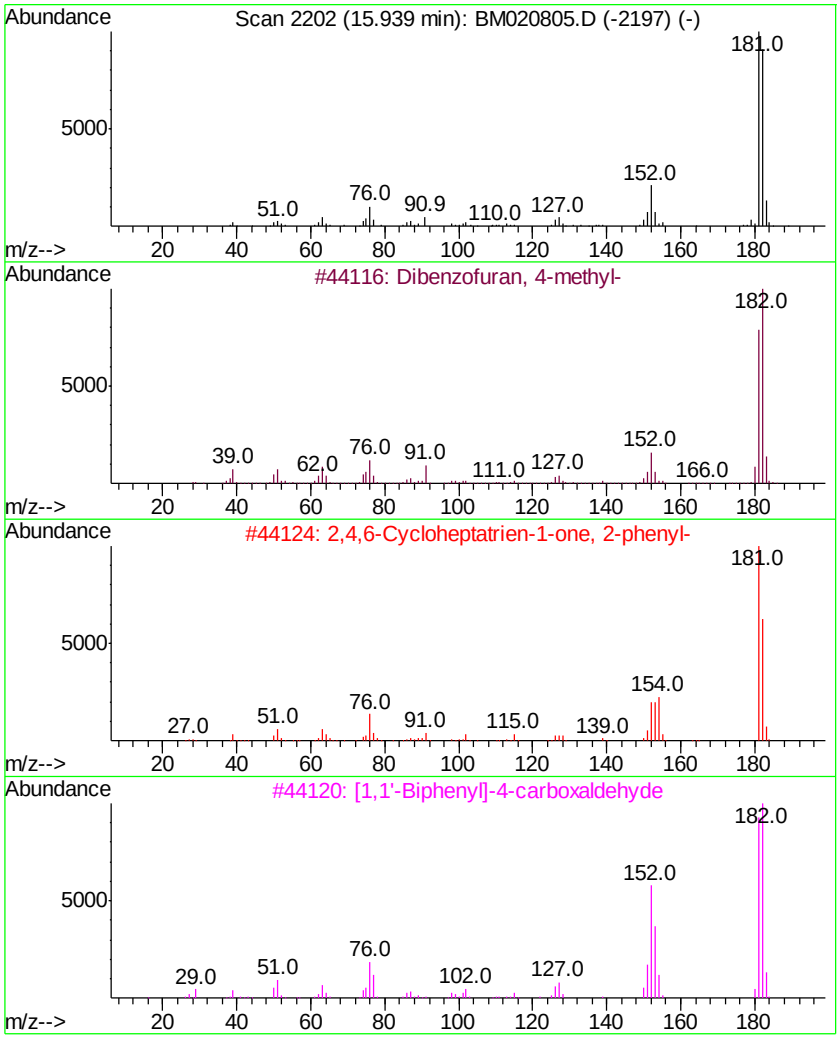
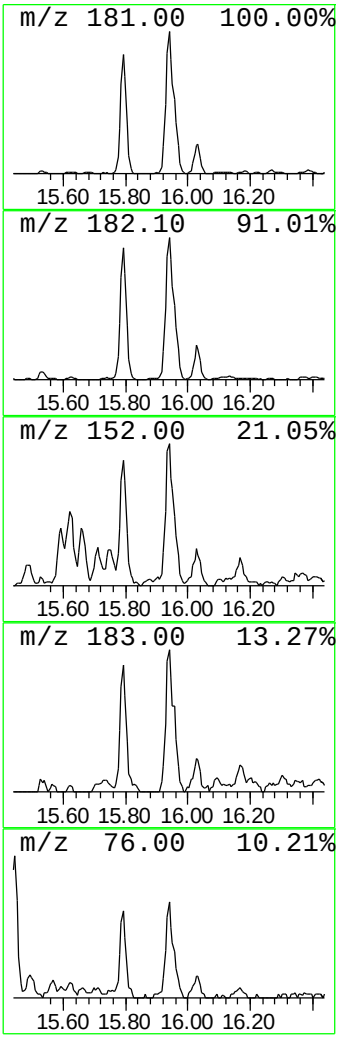
Peak Number 3 2,4,6-Cycloheptatrien-1-one... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	3.05 ng/ul	587318	Phenanthrene-d10	17.20

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





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC2DL

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

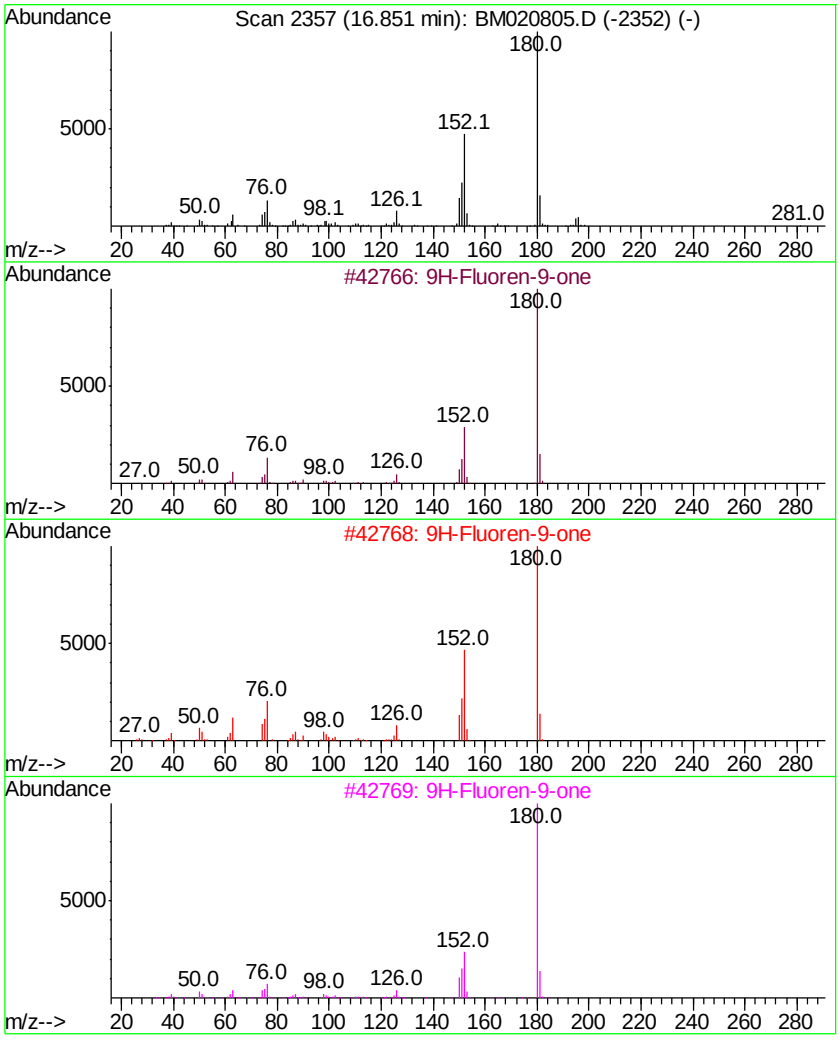
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

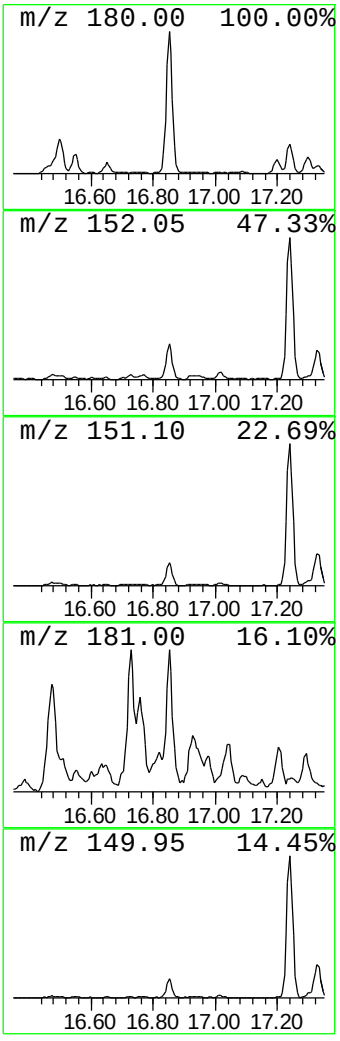
****

Peak Number 4 9H-Fluoren-9-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	3.08 ng/ul	593303	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91





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Operator : HP/JU
Sample : K3201-11DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC2DL

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

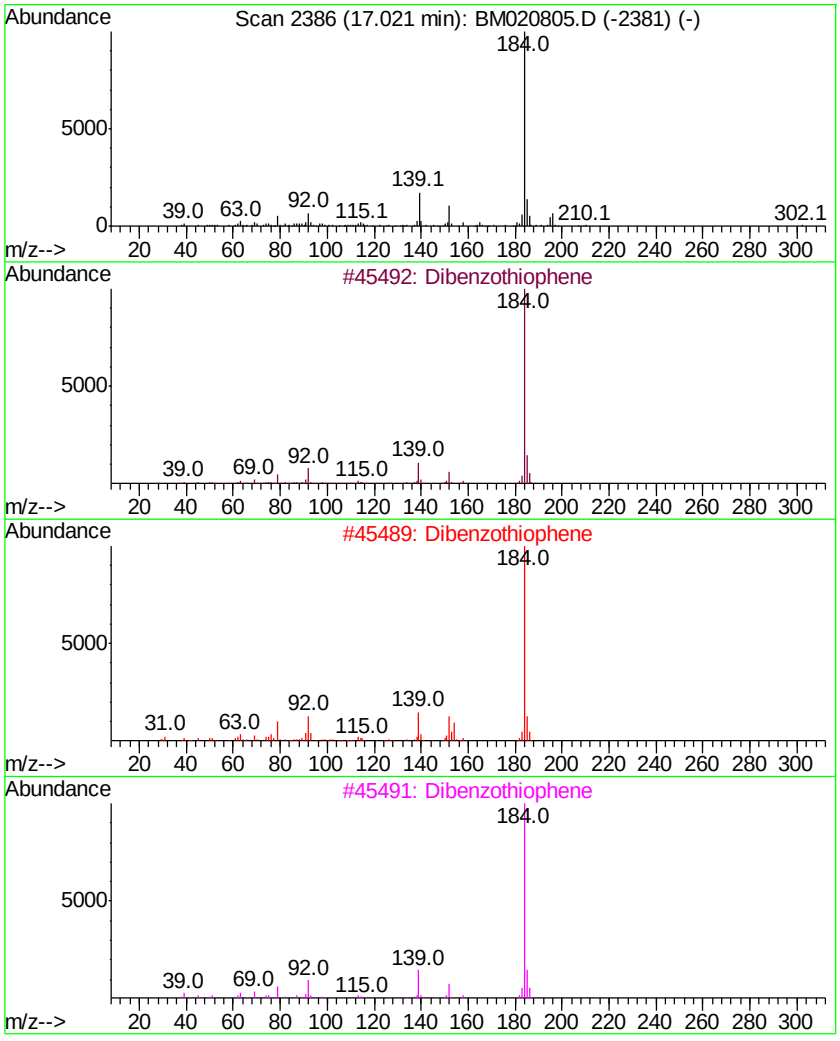
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

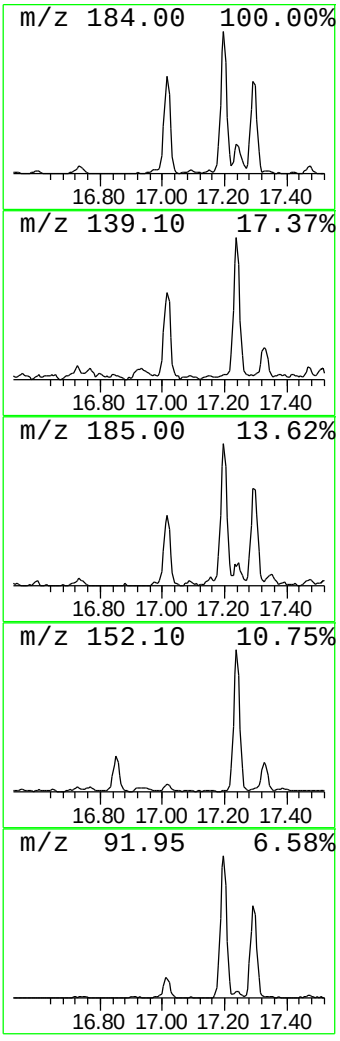
****

Peak Number 5 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	2.31 ng/ul	445625	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	93
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Quant Title : SVOA CALIBRATION

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

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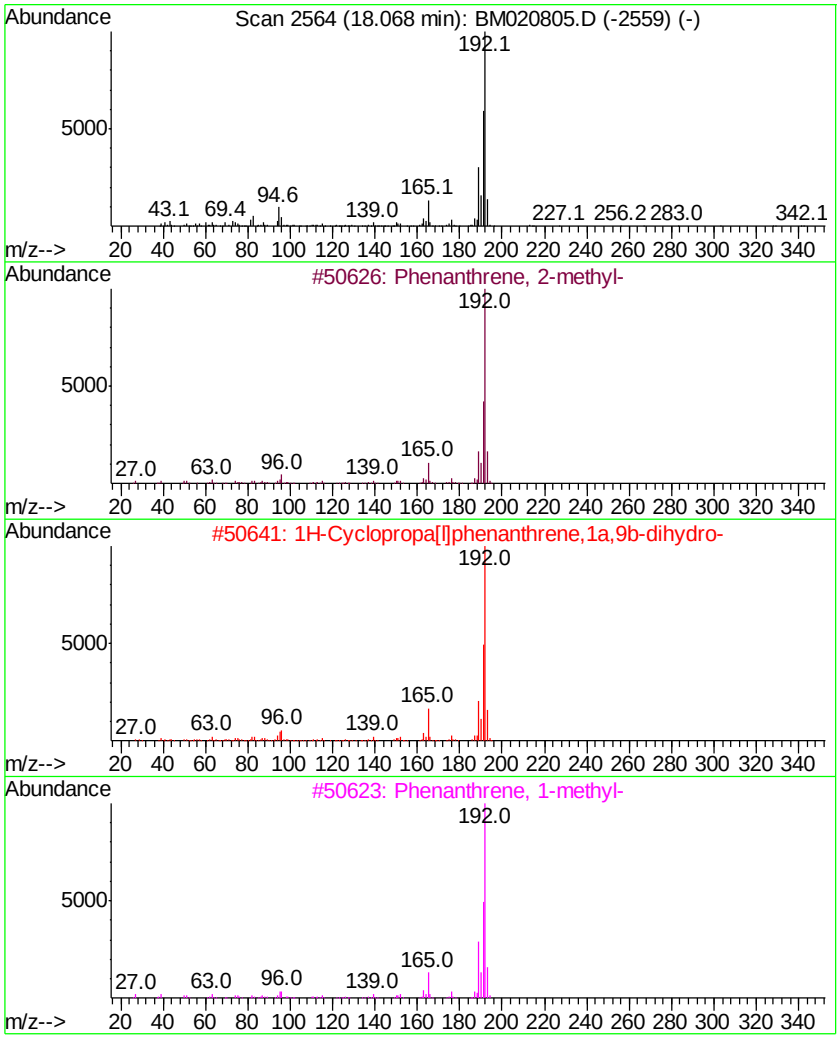
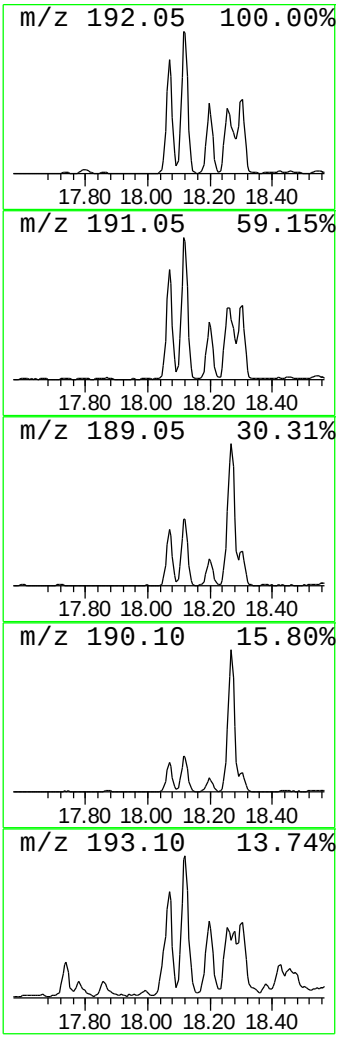
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	9.02 ng/ul	1737330	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Quant Title : SVOA CALIBRATION

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

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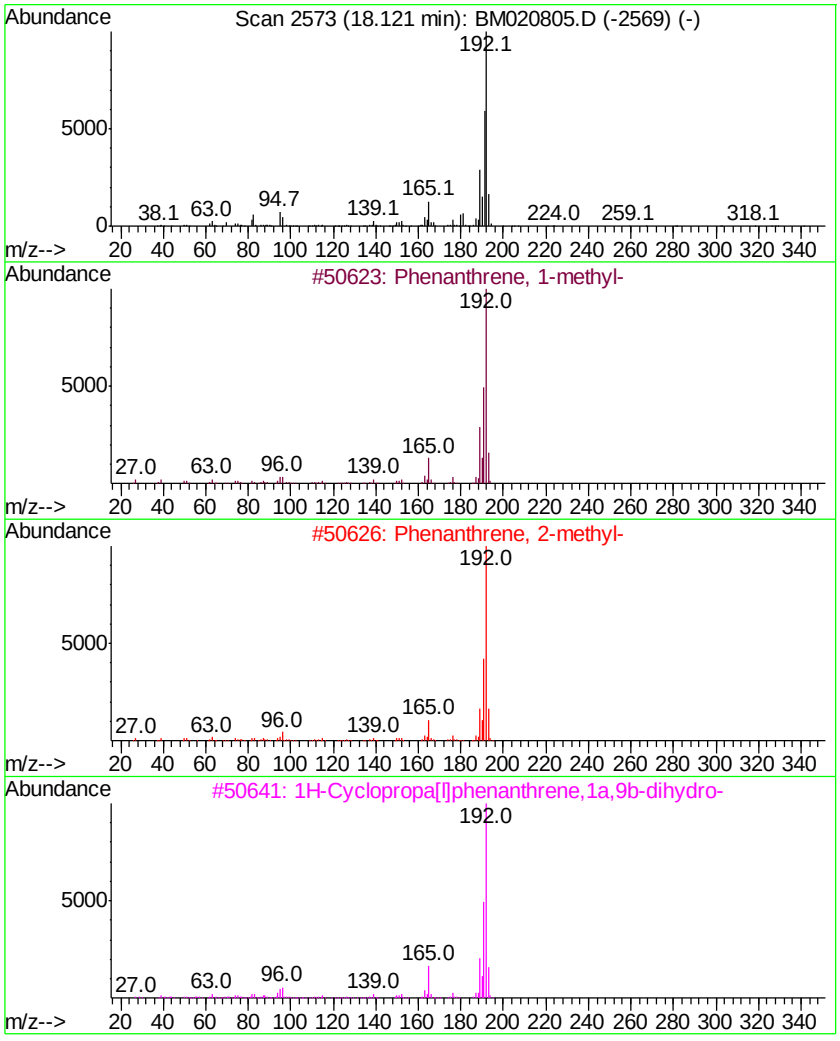
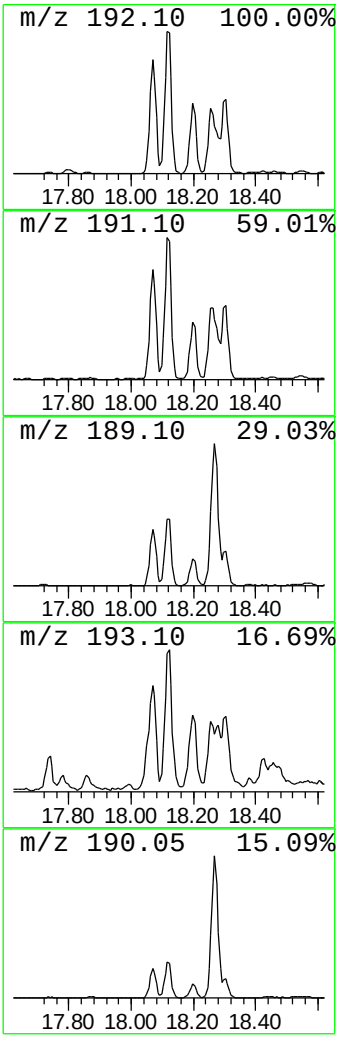
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	8.95 ng/ul	1724330	Phenanthrene-d10	17.20

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





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ClientSampleId : C0AC2DL

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Quant Title : SVOA CALIBRATION

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

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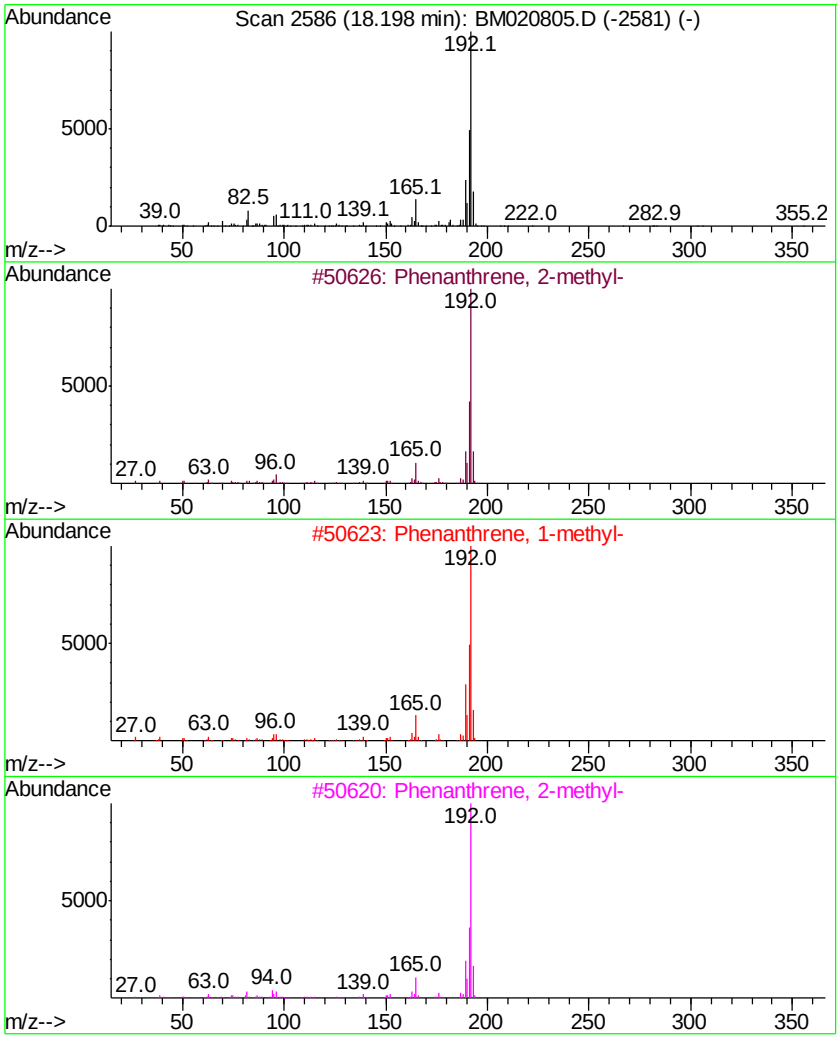
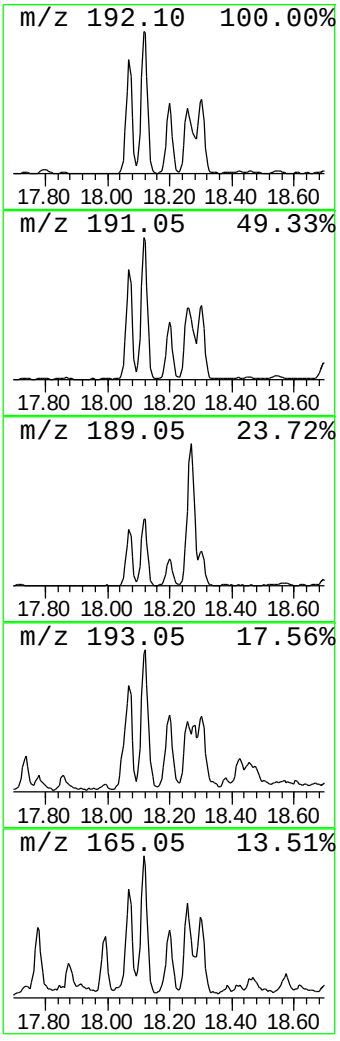
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	3.73 ng/ul	717705	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96





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ClientSampleId : C0AC2DL

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Quant Title : SVOA CALIBRATION

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

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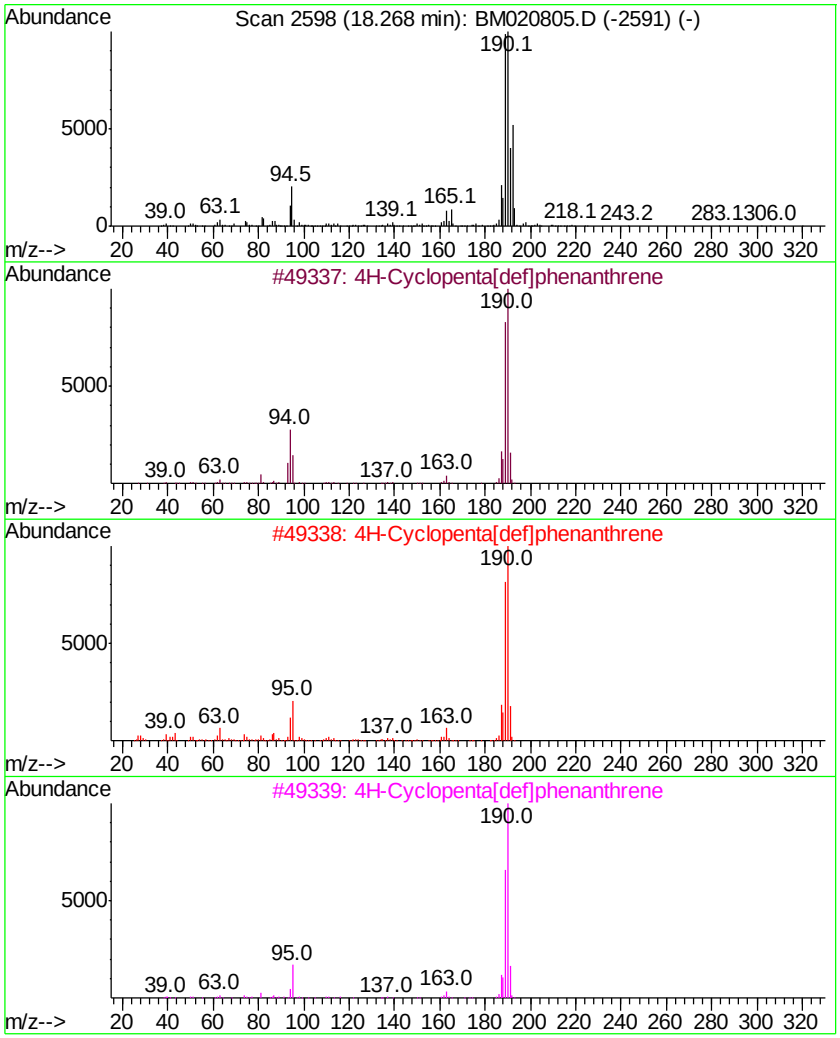
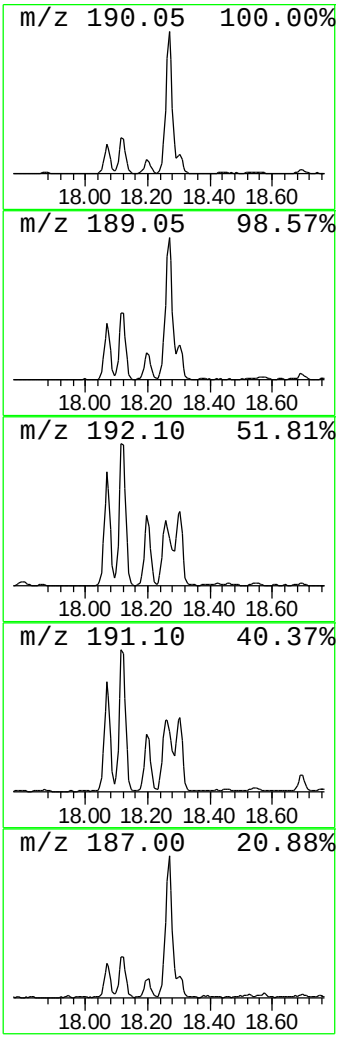
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	9.24 ng/ul	1779630	Phenanthrene-d10	17.20

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	60
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	20





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Quant Title : SVOA CALIBRATION

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

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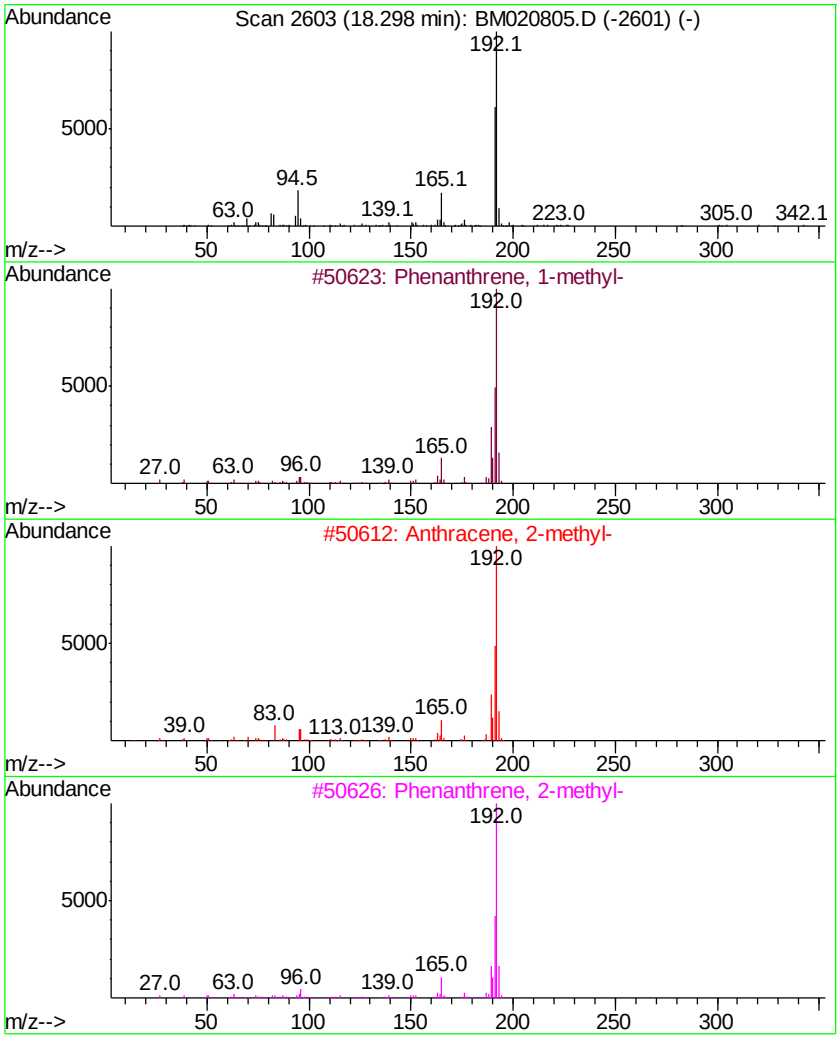
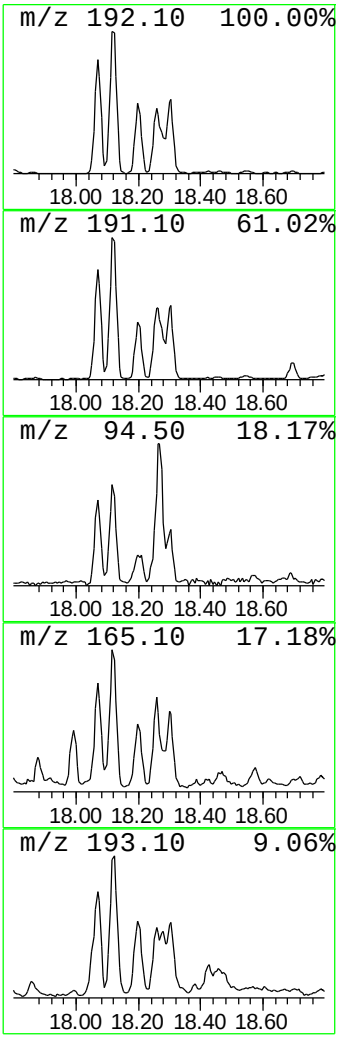
Peak Number 10 1H-Indene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	3.67 ng/ul	707526	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	74
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72





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Quant Title : SVOA CALIBRATION

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

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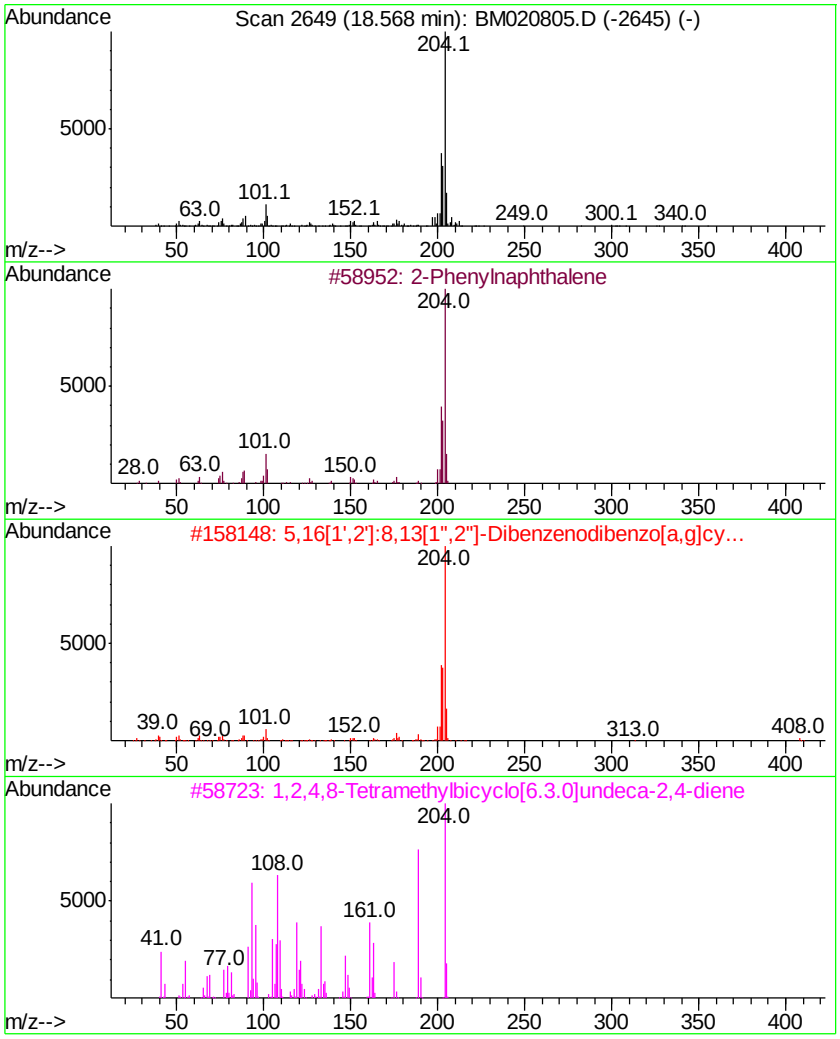
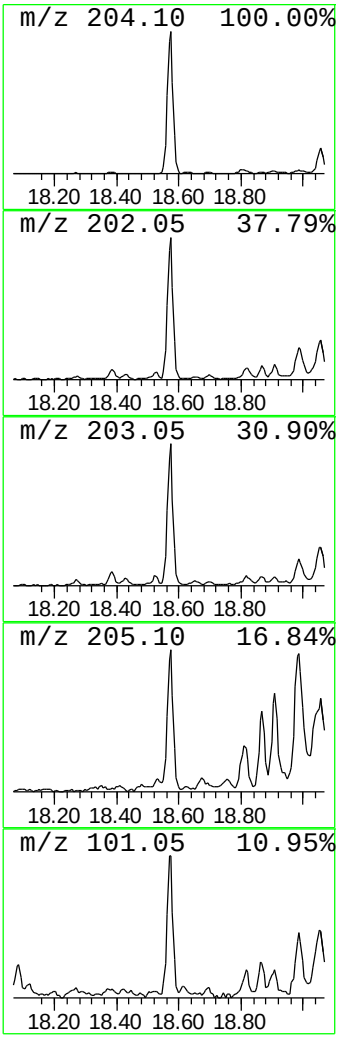
Peak Number 11 2-Phenylnaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	3.68 ng/ul	708394	Phenanthrene-d10	17.20

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	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	90
4	6-Phenylbenzocycloheptен-7-one	232	C17H12O	093327-56-1	90
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Quant Title : SVOA CALIBRATION

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

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Peak Number 12 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	3.10 ng/ul	597893	Phenanthrene-d10	17.20

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	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
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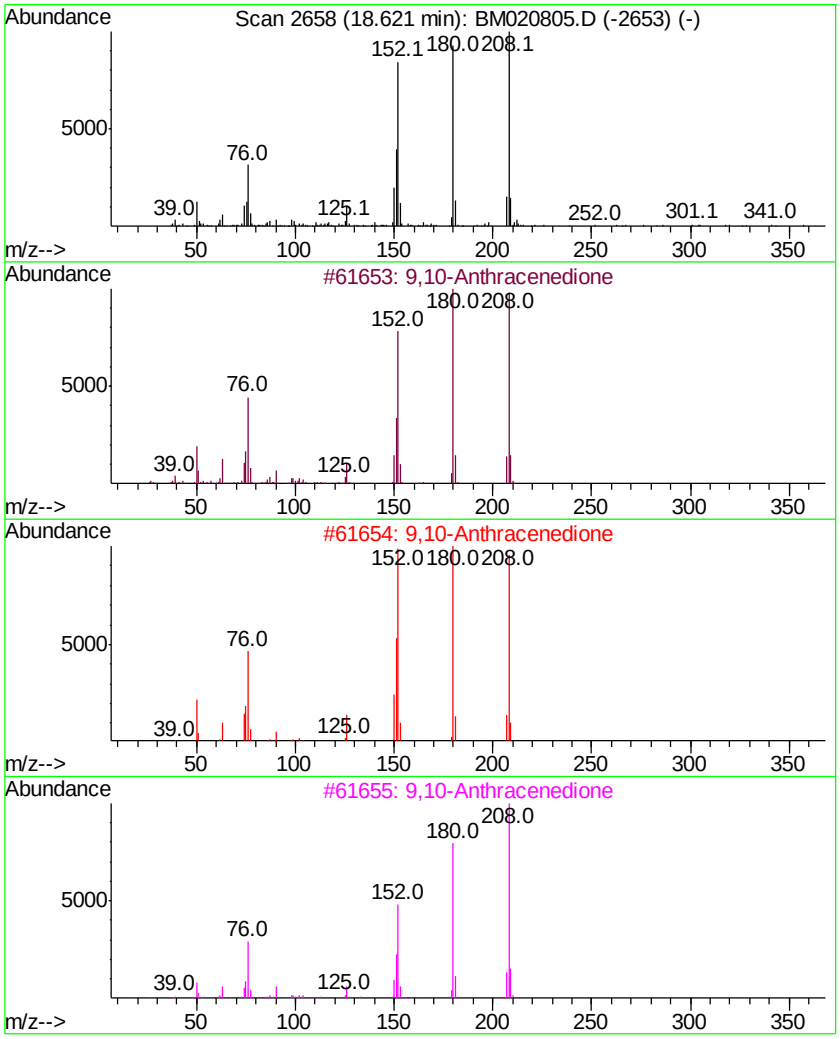

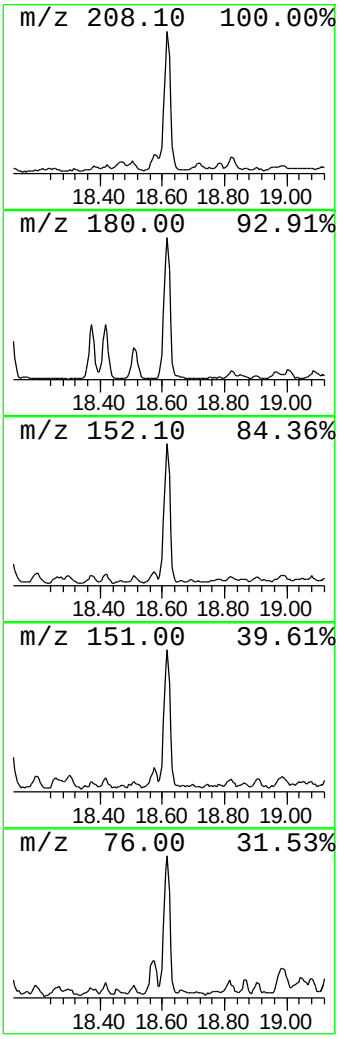

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Quant Title : SVOA CALIBRATION

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

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Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	4.34 ng/ul	834930	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
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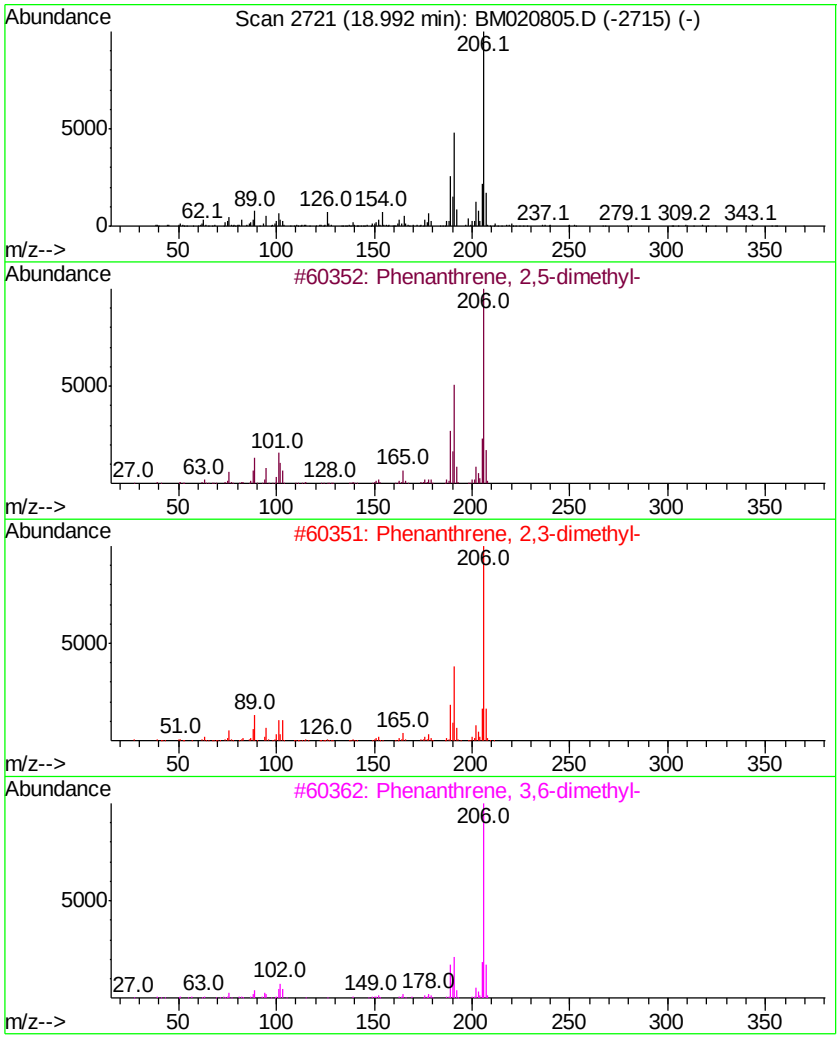

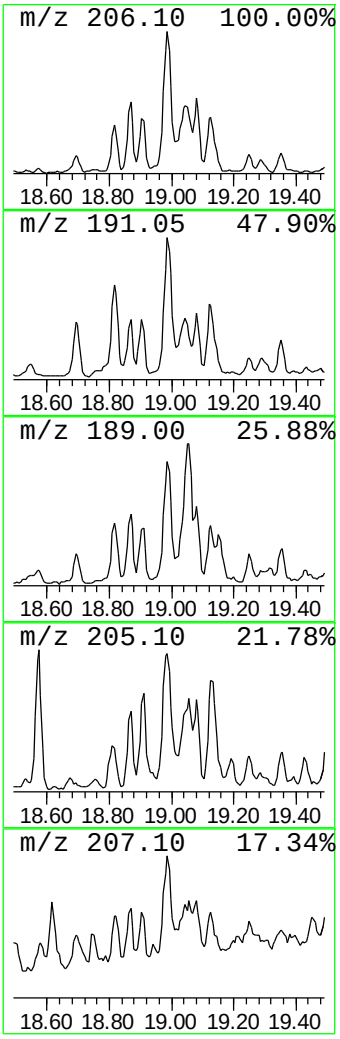

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Quant Title : SVOA CALIBRATION

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

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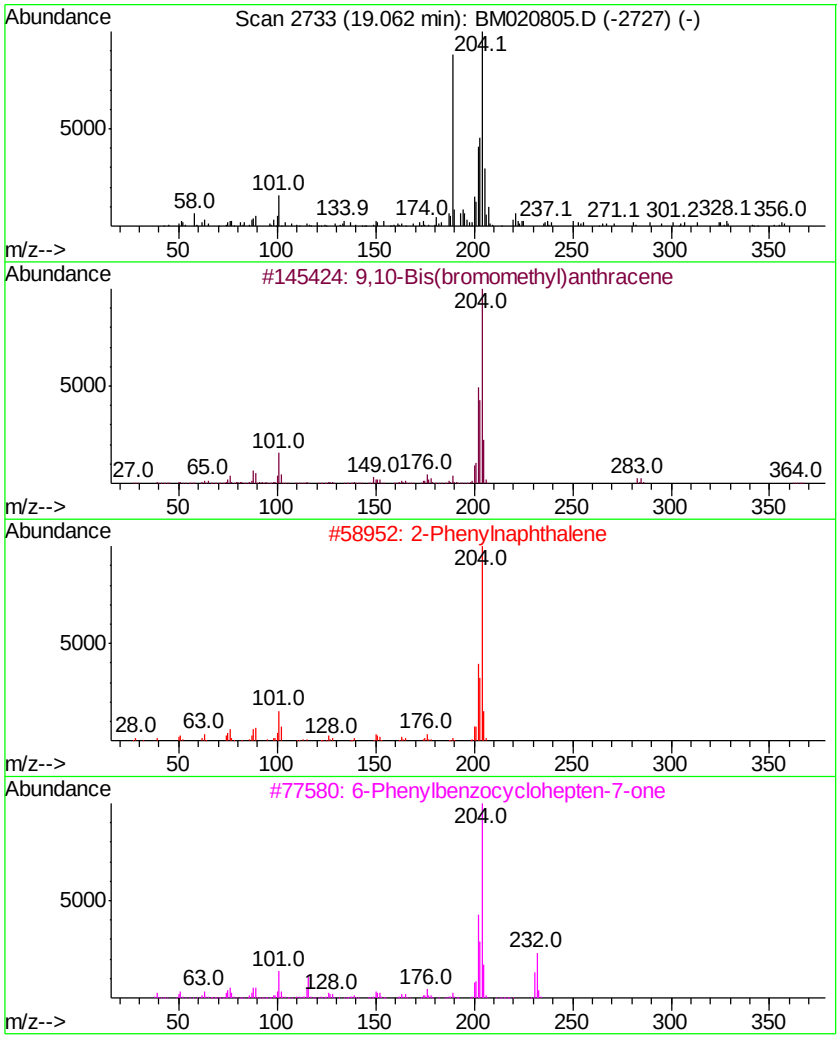
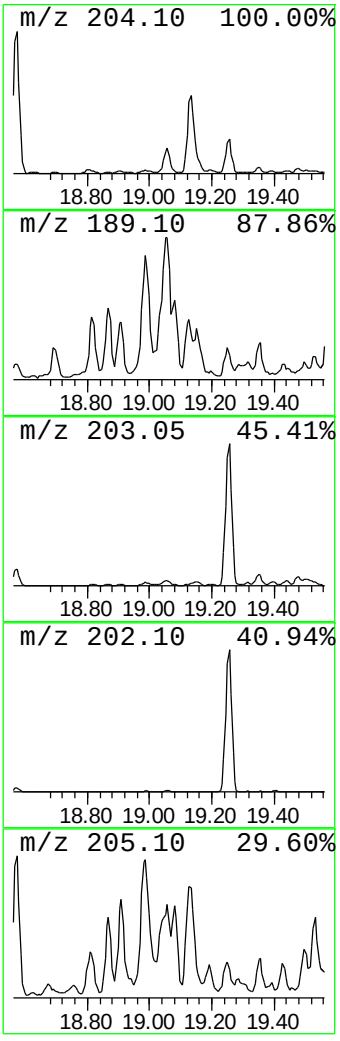
Peak Number 14 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	2.10 ng/ul	405023	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	47
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	41
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	38
4	3H-3a,7-Methanoazulene, 2,4,5,6,...	204	C15H24	002387-78-2	38
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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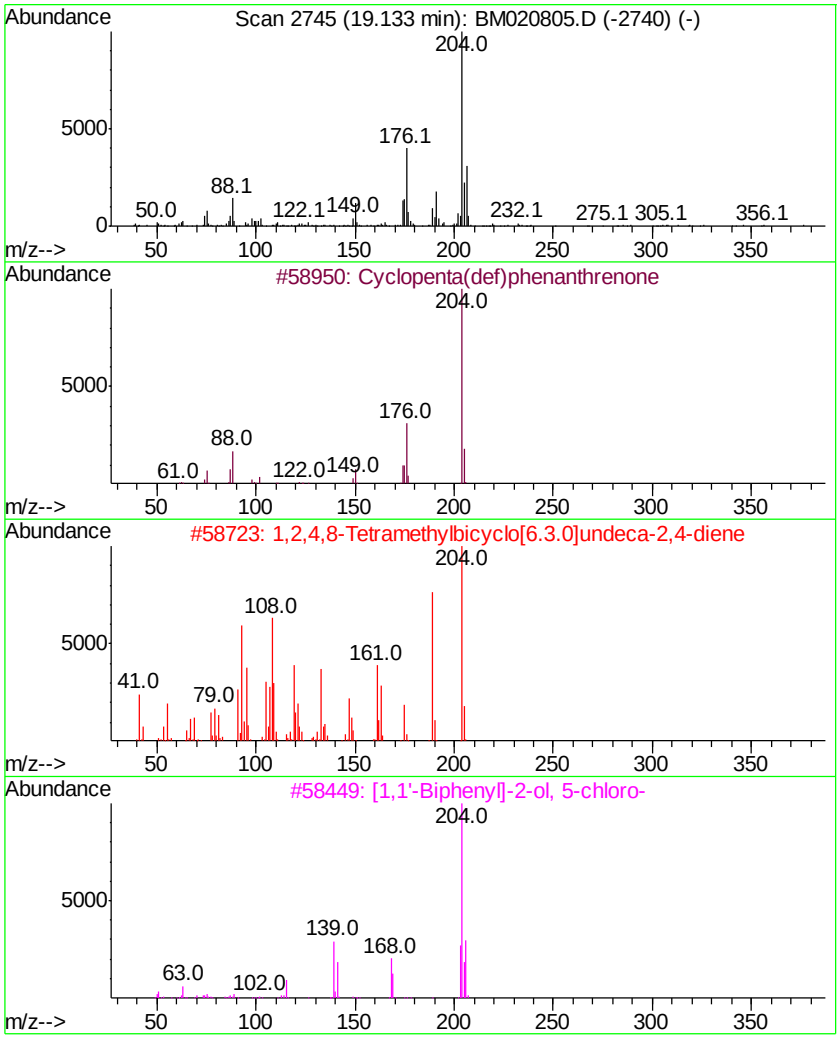
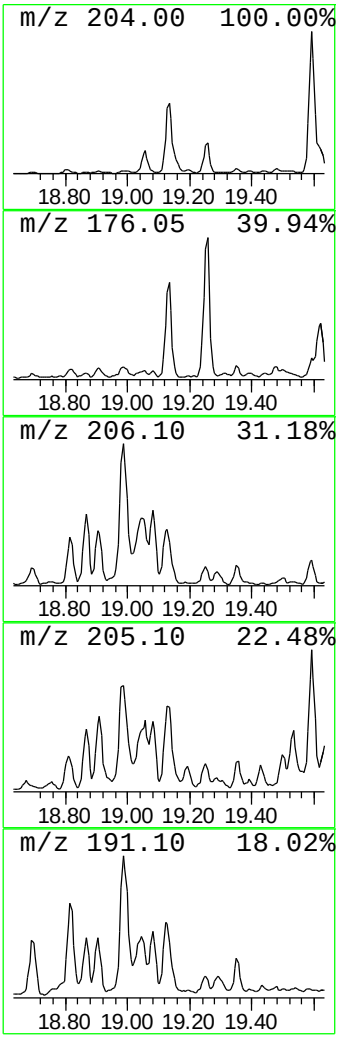
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	3.89 ng/ul	749910	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
4	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	42
5	Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	38





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Quant Title : SVOA CALIBRATION

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

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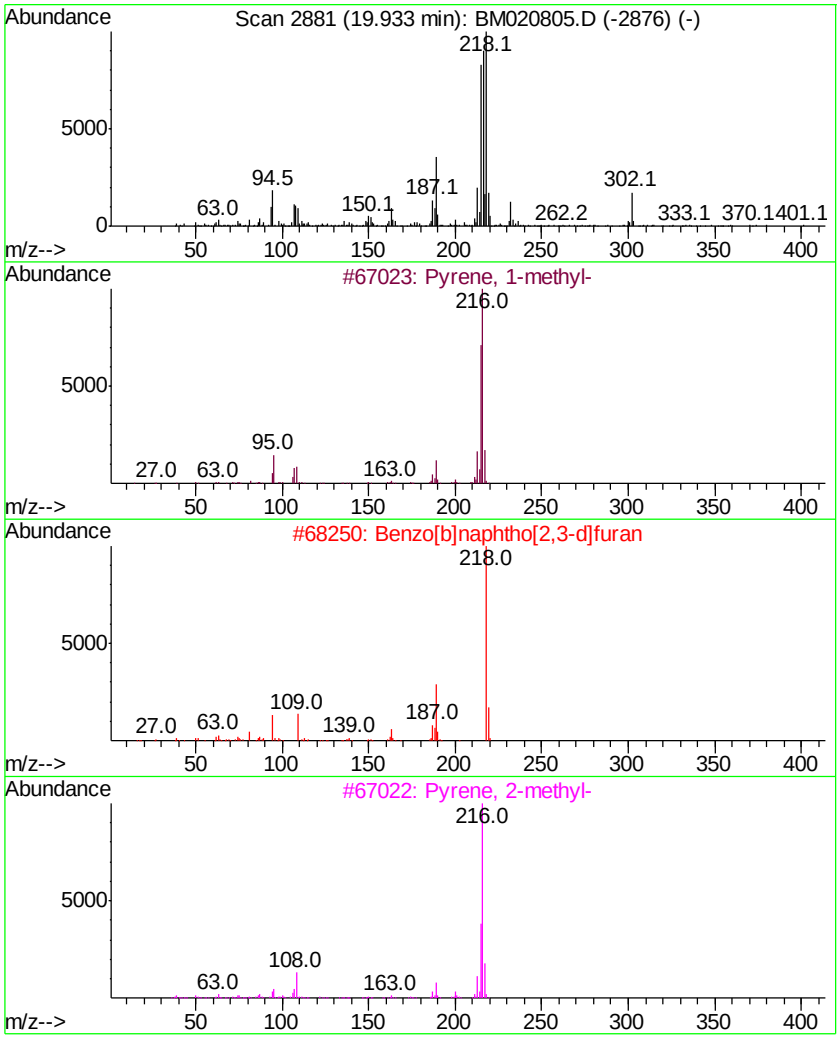
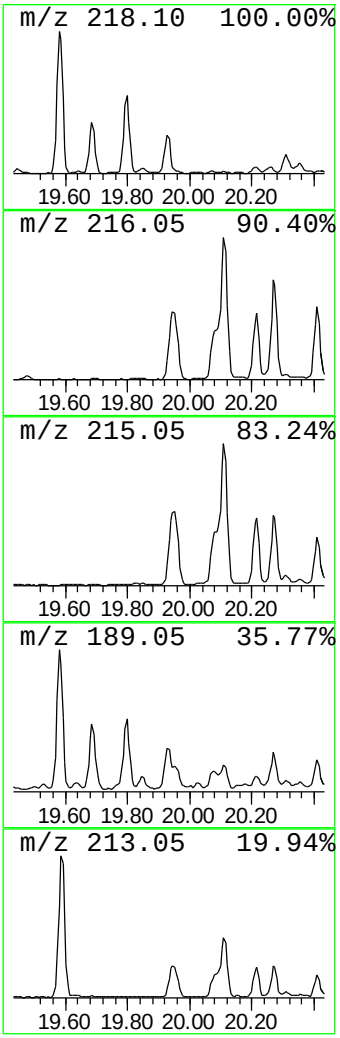
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	3.11 ng/ul	1452040	Chrysene-d12	21.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	72
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	55
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	55





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC2DL

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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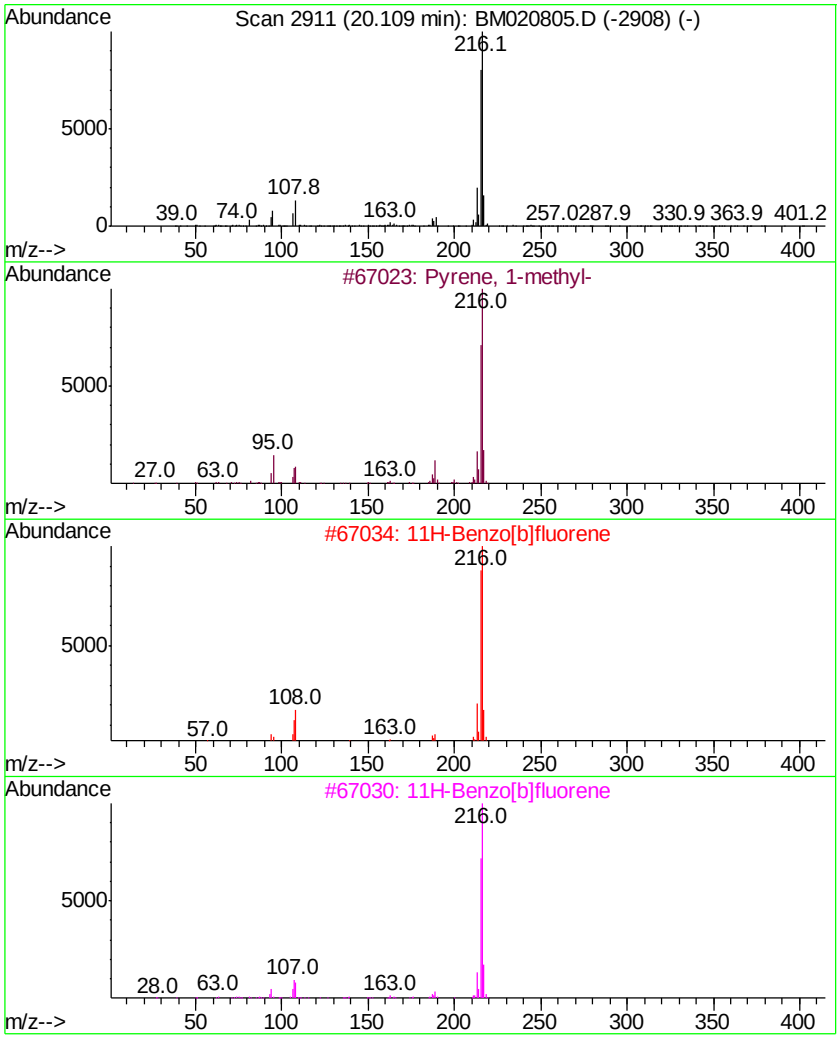
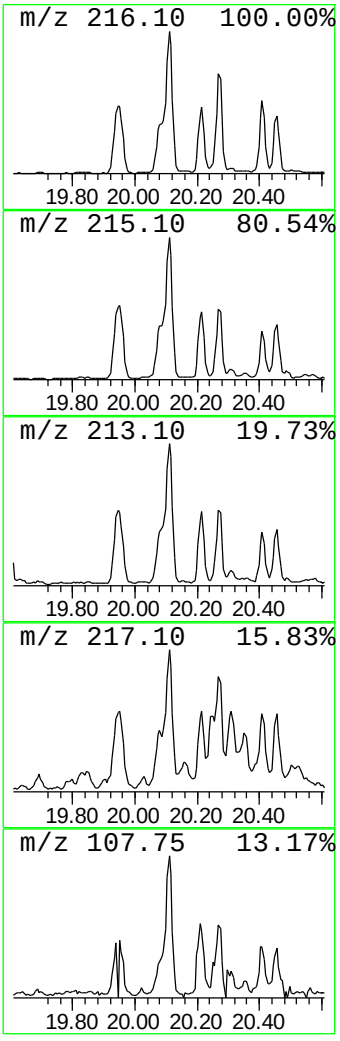
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	2.51 ng/ul	1170360	Chrysene-d12	21.38

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	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020805.D
Acq On : 07 Jun 2019 15:50
Operator : HP/JU
Sample : K3201-11DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC2DL

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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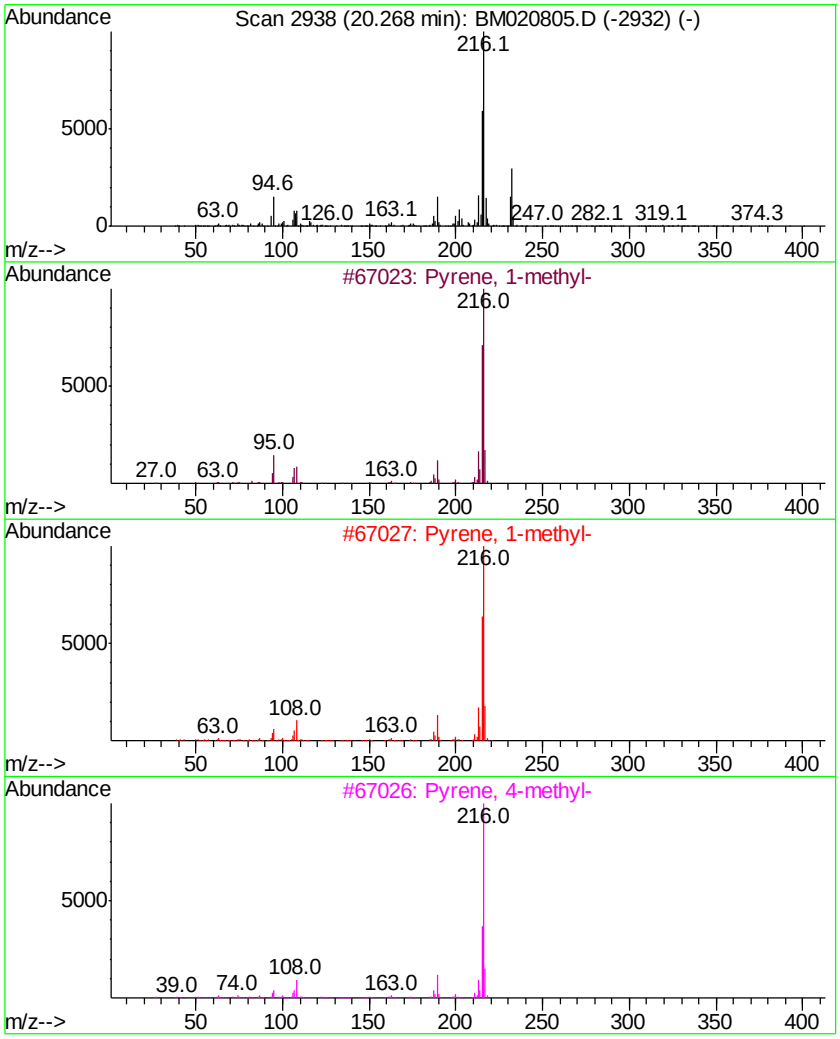
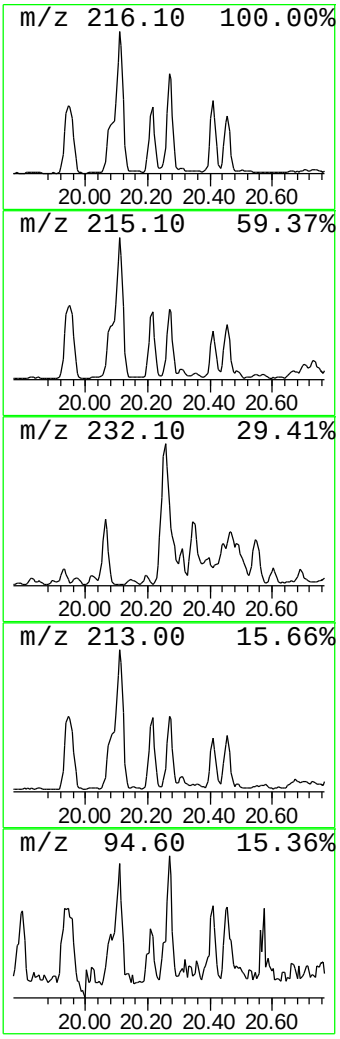
Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	2.61 ng/ul	1218880	Chrysene-d12	21.38

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	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020805.D
Acq On : 07 Jun 2019 15:50
Operator : HP/JU
Sample : K3201-11DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC2DL

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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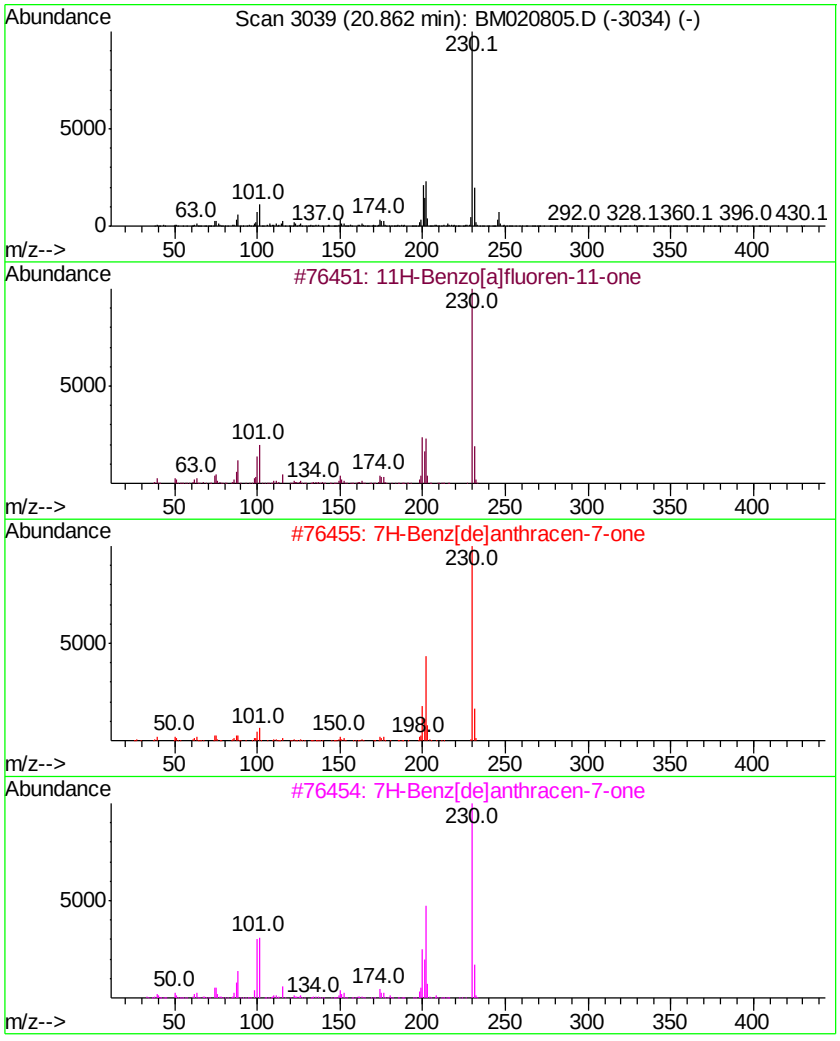
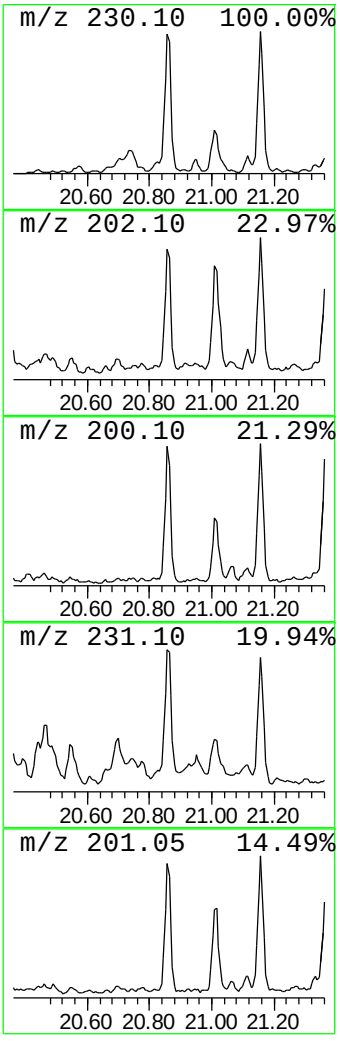
Peak Number 19 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.31 ng/ul	1078270	Chrysene-d12	21.38

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	83
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020805.D
Acq On : 07 Jun 2019 15:50
Operator : HP/JU
Sample : K3201-11DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC2DL

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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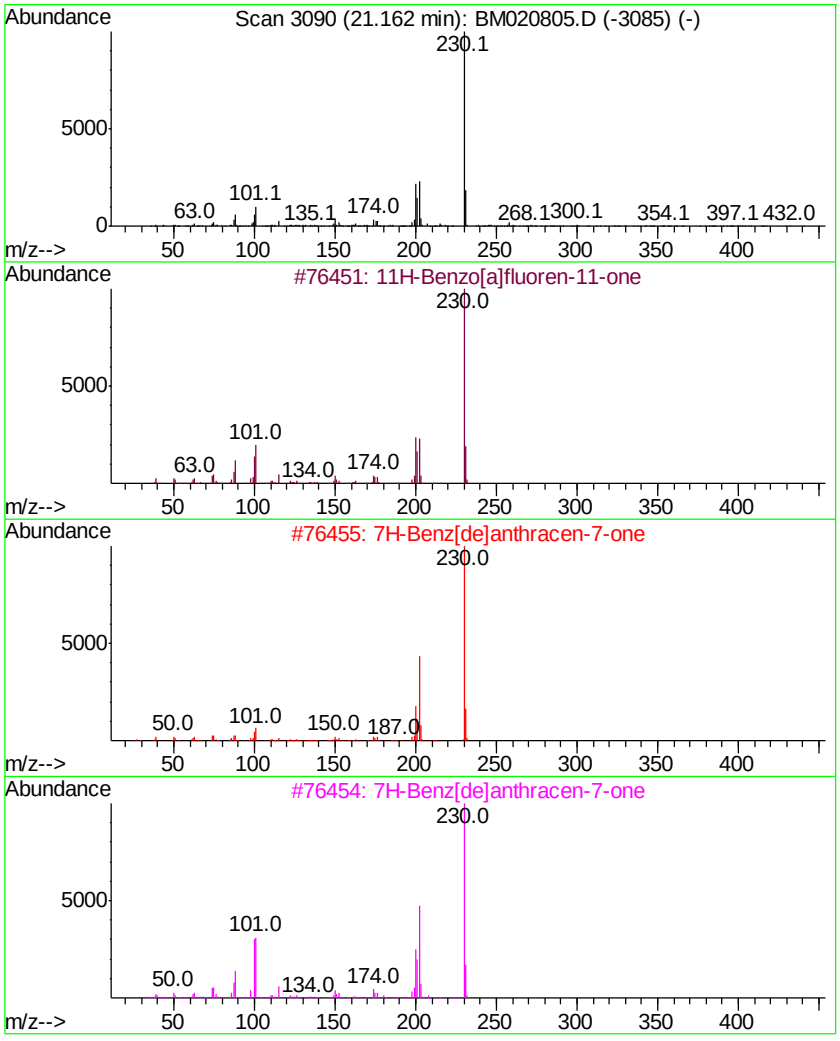
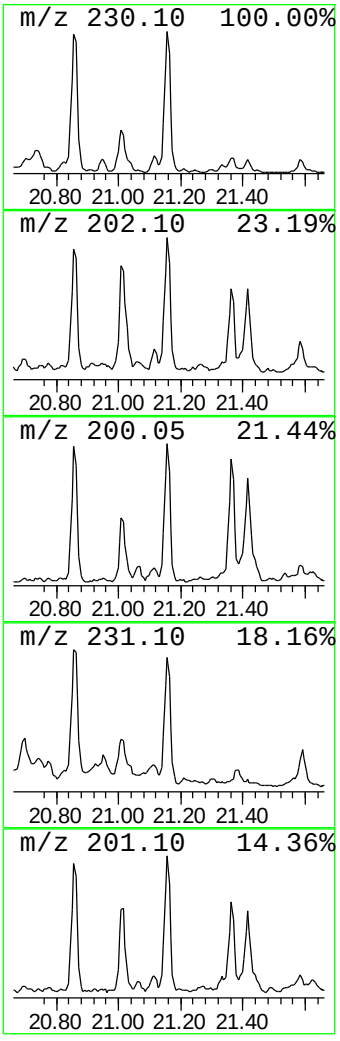
Peak Number 20 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	2.61 ng/ul	1215300	Chrysene-d12	21.38

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	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060719\
Data File : BM020805.D
Acq On : 07 Jun 2019 15:50
Operator : HP/JU
Sample : K3201-11DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC2DL

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	68.4	ng/ul	6373400	1	7.82	1862830	20.0
Dibenzofuran, 4-m...	15.79	2.4	ng/ul	416054	3	14.45	3457270	20.0
2,4,6-Cycloheptat...	15.94	3.0	ng/ul	587318	4	17.20	3851210	20.0
9H-Fluoren-9-one	16.85	3.1	ng/ul	593303	4	17.20	3851210	20.0
Dibenzothiophene	17.02	2.3	ng/ul	445625	4	17.20	3851210	20.0
Phenanthrene, 2-m...	18.07	9.0	ng/ul	1737330	4	17.20	3851210	20.0
Phenanthrene, 1-m...	18.12	8.9	ng/ul	1724330	4	17.20	3851210	20.0
Anthracene, 2-met...	18.20	3.7	ng/ul	717705	4	17.20	3851210	20.0
4H-Cyclopenta[def...	18.27	9.2	ng/ul	1779630	4	17.20	3851210	20.0
1H-Indene, 2-phenyl-	18.30	3.7	ng/ul	707526	4	17.20	3851210	20.0
2-Phenylnaphthalene	18.57	3.7	ng/ul	708394	4	17.20	3851210	20.0
9,10-Anthracenedione	18.62	3.1	ng/ul	597893	4	17.20	3851210	20.0
Phenanthrene, 2,5...	18.99	4.3	ng/ul	834930	4	17.20	3851210	20.0
unknown-01	19.06	2.1	ng/ul	405023	4	17.20	3851210	20.0
Cyclopenta(def)ph...	19.13	3.9	ng/ul	749910	4	17.20	3851210	20.0
Pyrene, 1-methyl-	19.93	3.1	ng/ul	1452040	5	21.38	9327210	20.0
11H-Benzo[b]fluorene	20.11	2.5	ng/ul	1170360	5	21.38	9327210	20.0
Fluoranthene, 2-m...	20.27	2.6	ng/ul	1218880	5	21.38	9327210	20.0
7H-Benz[de]anthra...	20.86	2.3	ng/ul	1078270	5	21.38	9327210	20.0
11H-Benzo[a]fluor...	21.16	2.6	ng/ul	1215300	5	21.38	9327210	20.0