LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023321.D
Acq On : 22 Oct 2019 16:34
Operator : JU
Sample : K5345-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ6

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-BM101419MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.828	645	653	661	rBV	1124443	1950477	2.88%	0.330%
2	6.993	674	681	693	rVB	771854	1267457	1.87%	0.214%
3	7.187	707	714	725	rVV	1148559	1802768	2.66%	0.305%
4	7.652	785	793	801	rBV	1299090	2054265	3.03%	0.347%
5	8.187	875	884	895	rBV	303374	581505	0.86%	0.098%
6	8.357	906	913	921	rBV	1363541	2176383	3.21%	0.368%
7	8.799	976	988	1001	rBV	979542	1667946	2.46%	0.282%
8	9.516	1101	1110	1118	rVV	795004	1290827	1.90%	0.218%
9	10.051	1194	1201	1210	rVV	1396862	2354511	3.47%	0.398%
10	10.428	1258	1265	1270	rBV	1697967	2964298	4.37%	0.501%
11	10.481	1270	1274	1281	rVV	1401141	2241615	3.31%	0.379%
12	10.563	1281	1288	1303	rVB	1051058	2018062	2.98%	0.341%
13	12.098	1542	1549	1558	rVB	392264	642597	0.95%	0.109%
14	13.710	1818	1823	1827	rVV	2568799	3507226	5.17%	0.593%
15	13.757	1827	1831	1837	rVV	668998	987575	1.46%	0.167%
16	13.986	1863	1870	1872	rBV	2887879	4481324	6.61%	0.758%
17	14.010	1872	1874	1885	rVB	2720553	3884400	5.73%	0.657%
18	14.292	1915	1922	1928	rVV2	2541921	3857424	5.69%	0.652%
19	14.357	1928	1933	1941	rVB	1080506	1548391	2.28%	0.262%
20	14.492	1949	1956	1966	rBV	943538	1506447	2.22%	0.255%
21	14.698	1985	1991	2000	rVB2	574843	1207866	1.78%	0.204%
22	15.292	2085	2092	2097	rVV	3849652	5562128	8.21%	0.940%
23	15.345	2097	2101	2107	rVV	682213	1099051	1.62%	0.186%
24	15.410	2107	2112	2119	rVV	958124	1432930	2.11%	0.242%
25	16.016	2209	2215	2222	rBV	902368	1496828	2.21%	0.253%
26	16.692	2326	2330	2339	rVB	448128	761457	1.12%	0.129%
27	16.780	2340	2345	2351	rBV4	215026	537573	0.79%	0.091%
28	17.039	2384	2389	2392	rBV2	3271312	4577791	6.75%	0.774%
29	17.080	2392	2396	2401	rVV	4056361	5648456	8.33%	0.955%
30	17.139	2401	2406	2408	rVV	4363365	5884340	8.68%	0.995%
31	17.174	2408	2412	2418	rVV	8426896	11562350	17.06%	1.955%
32	17.233	2418	2422	2429	rVB2	311515	506745	0.75%	0.086%
33	17.439	2448	2457	2462	rBV	1468264	2216183	3.27%	0.375%
34	17.569	2475	2479	2483	rVV2	378595	586820	0.87%	0.099%

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Sample : K5345-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ6

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-BM101419MA.M
Title : SVOA CALIBRATION

35	17.704	2497	2502	2508	rBV	720538	997354	1.47%	0.169%
36	17.916	2533	2538	2542	rVV	507112	756643	1.12%	0.128%
37	17.963	2542	2546	2554	rVB	1202056	1690631	2.49%	0.286%
38	18.045	2554	2560	2565	rBV	1001364	1534160	2.26%	0.259%
39	18.110	2565	2571	2575	rVV2	1574550	2689983	3.97%	0.455%
40	18.145	2575	2577	2582	rVB	459725	561298	0.83%	0.095%
41	18.304	2600	2604	2610	rVB	460232	721358	1.06%	0.122%
42	18.421	2620	2624	2627	rVV	765295	1154731	1.70%	0.195%
43	18.457	2627	2630	2636	rVB	1222622	1626953	2.40%	0.275%
44	18.674	2659	2667	2671	rBV	367990	669237	0.99%	0.113%
45	18.845	2690	2696	2701	rBV	897510	1523772	2.25%	0.258%
46	18.904	2701	2706	2710	rVV5	559395	1049510	1.55%	0.177%
47	18.980	2714	2719	2728	rVB	2054183	3060881	4.52%	0.518%
48	19.104	2735	2740	2747	rVB	18465861	25901865	38.21%	4.379%
49	19.174	2748	2752	2755	rBV	384431	607951	0.90%	0.103%
50	19.251	2761	2765	2770	rVB2	1062957	1395389	2.06%	0.236%
51	19.327	2770	2778	2779	rBV2	552275	1137751	1.68%	0.192%
52	19.439	2792	2797	2799	rBV	9114482	12733260	18.78%	2.153%
53	19.468	2799	2802	2810	rVV	18040872	25826393	38.10%	4.367%
54	19.545	2810	2815	2823	rVB2	810990	1668687	2.46%	0.282%
55	19.651	2828	2833	2839	rBV	1863479	2599837	3.84%	0.440%
56	19.710	2839	2843	2849	rVB2	1130270	1803625	2.66%	0.305%
57	19.810	2852	2860	2864	rBV3	2639605	5950415	8.78%	1.006%
58	19.968	2876	2887	2892	rVB3	3926887	11113447	16.39%	1.879%
59	20.021	2892	2896	2899	rBV3	475858	750546	1.11%	0.127%
60	20.068	2900	2904	2908	rBV	2467501	3051026	4.50%	0.516%
61	20.127	2908	2914	2918	rBV2	3978072	6616838	9.76%	1.119%
62	20.168	2918	2921	2924	rVB2	1139693	1321485	1.95%	0.223%
63	20.210	2925	2928	2933	rBV2	683423	909650	1.34%	0.154%
64	20.268	2933	2938	2941	rBV	2935061	3806019	5.61%	0.643%
65	20.310	2941	2945	2950	rVB2	2010593	3054399	4.51%	0.516%
66	20.527	2978	2982	2985	rBV3	1131775	1785268	2.63%	0.302%
67	20.633	2998	3000	3004	rVB2	787886	786515	1.16%	0.133%
68	20.680	3004	3008	3011	rBV2	708116	1340231	1.98%	0.227%
69	20.715	3011	3014	3021	rVB2	3183801	4807400	7.09%	0.813%
70	20.880	3036	3042	3046	rBV3	2875626	5322934	7.85%	0.900%
71	20.921	3046	3049	3052	rVV	3345598	4302222	6.35%	0.727%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : ETOJ6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

72	20.957	3052	3055	3062	rVV2	4504147	9749995	14.38%	1.648%
73	21.015	3062	3065	3073	rVB	2132781	3308798	4.88%	0.559%
74	21.227	3092	3101	3105	rBV2	19383817	33752558	49.79%	5.707%
75	21.280	3106	3110	3117	rVV	23984144	34823878	51.37%	5.888%
76	21.357	3121	3123	3126	rVV	693417	746425	1.10%	0.126%
77	21.398	3126	3130	3139	rVV4	2187120	5644005	8.33%	0.954%
78	21.492	3143	3146	3151	rVB3	1950555	2776646	4.10%	0.469%
79	21.545	3151	3155	3161	rBV2	2952550	4388098	6.47%	0.742%
80	21.598	3161	3164	3168	rVB2	1463285	1822970	2.69%	0.308%
81	21.733	3184	3187	3189	rBV	994948	1184938	1.75%	0.200%
82	21.786	3190	3196	3200	rVV	3989521	6762514	9.98%	1.143%
83	21.839	3201	3205	3212	rVB3	2863887	4854119	7.16%	0.821%
84	21.980	3225	3229	3232	rBV	2454040	3428359	5.06%	0.580%
85	22.080	3242	3246	3251	rVB2	1479779	2320164	3.42%	0.392%
86	22.257	3271	3276	3280	rBV2	1636358	2859183	4.22%	0.483%
87	22.545	3318	3325	3336	rVB3	2210891	6579240	9.71%	1.112%
88	22.804	3361	3369	3374	rBV2	26191096	67786337	100.00%	11.461%
89	22.962	3391	3396	3405	rBV	4547388	7089304	10.46%	1.199%
90	23.092	3413	3418	3427	rBV	2000738	5162456	7.62%	0.873%
91	23.268	3441	3448	3453	rBV	14226330	27691231	40.85%	4.682%
92	23.315	3453	3456	3459	rVV	3746660	5972609	8.81%	1.010%
93	23.362	3459	3464	3472	rVB	15981340	29440210	43.43%	4.978%
94	23.451	3473	3479	3483	rVV	3081836	6210560	9.16%	1.050%
95	23.498	3483	3487	3496	rVB2	5204383	11642624	17.18%	1.968%
96	24.992	3737	3741	3747	rBV2	1031961	2057648	3.04%	0.348%
97	25.433	3812	3816	3826	rVB3	2449816	5503066	8.12%	0.930%
98	25.680	3847	3858	3868	rVB	11907794	36616340	54.02%	6.191%
99	25.927	3895	3900	3904	rBV	1120292	2496221	3.68%	0.422%
100	26.356	3962	3973	3989	rVB	8240317	26294022	38.79%	4.446%

Sum of corrected areas: 591460198

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
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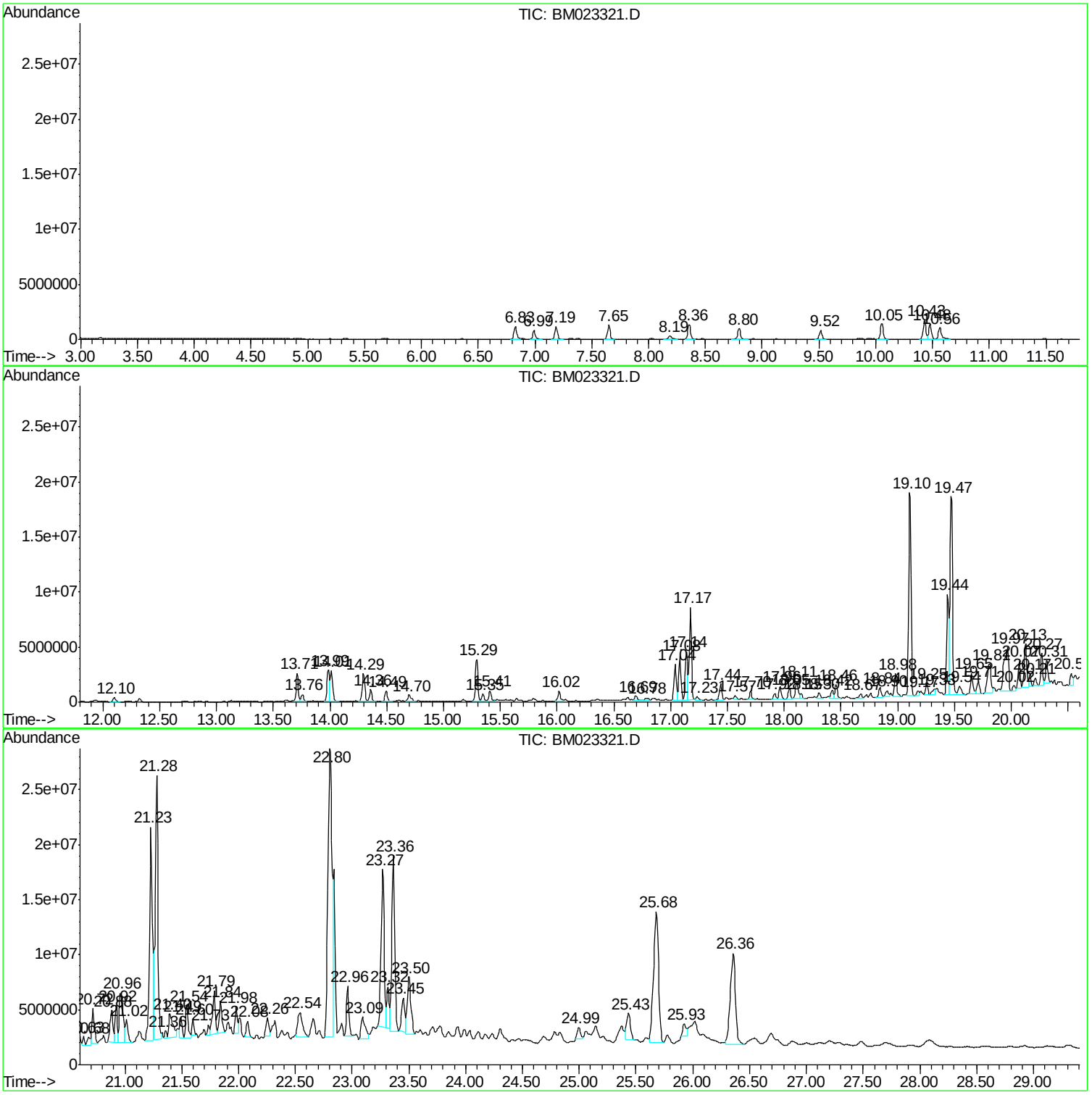
Sample : K5345-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023321.D
Acq On : 22 Oct 2019 16:34
Operator : JU
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

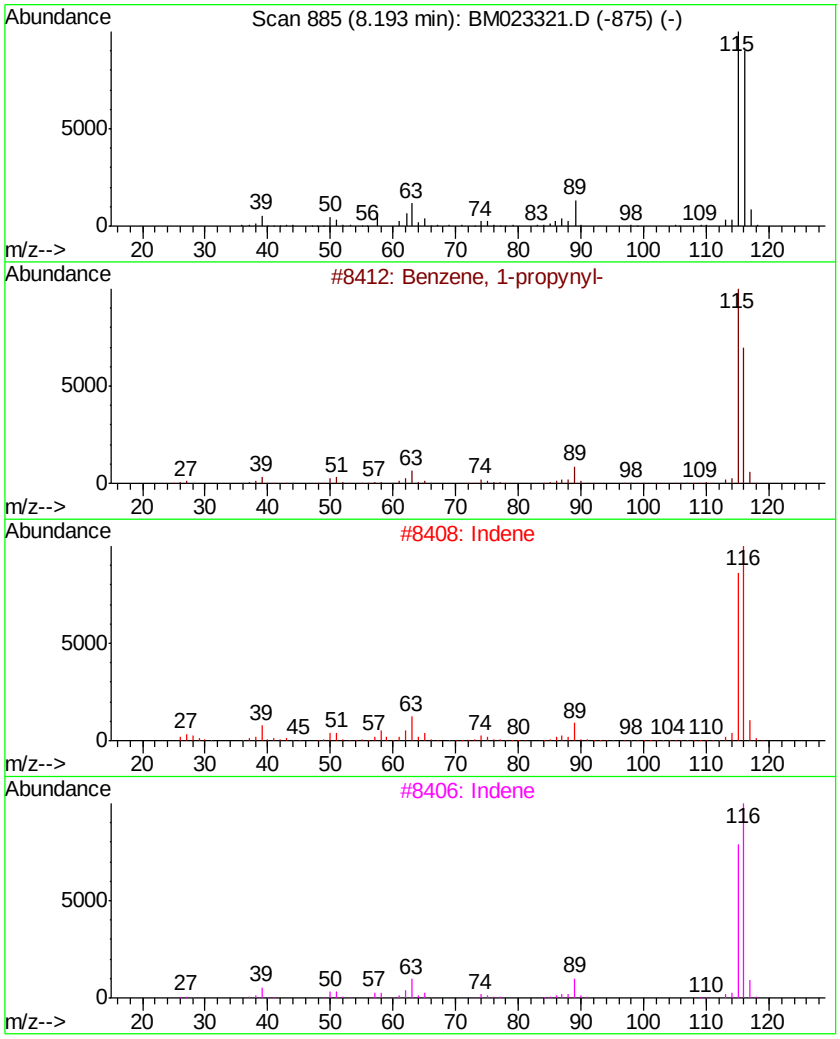
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

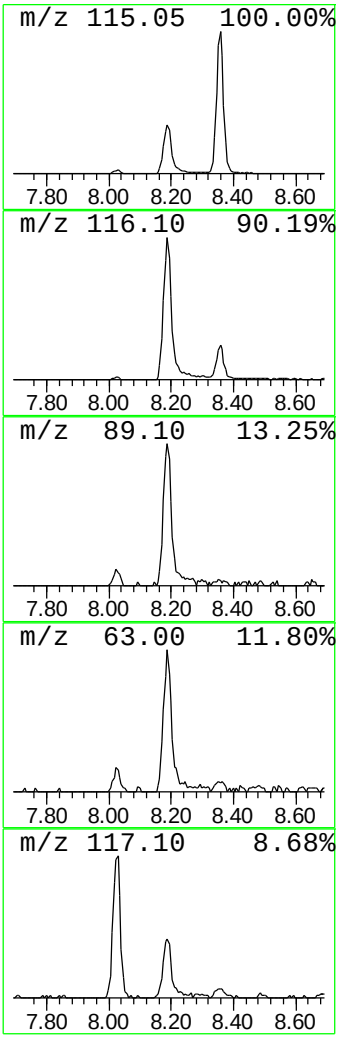
****

Peak Number 1 Benzene, 1-propynyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	5.66 ng/ul	581505	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2	Indene	116	C9H8	000095-13-6	95
3	Indene	116	C9H8	000095-13-6	95
4	Indene	116	C9H8	000095-13-6	95
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

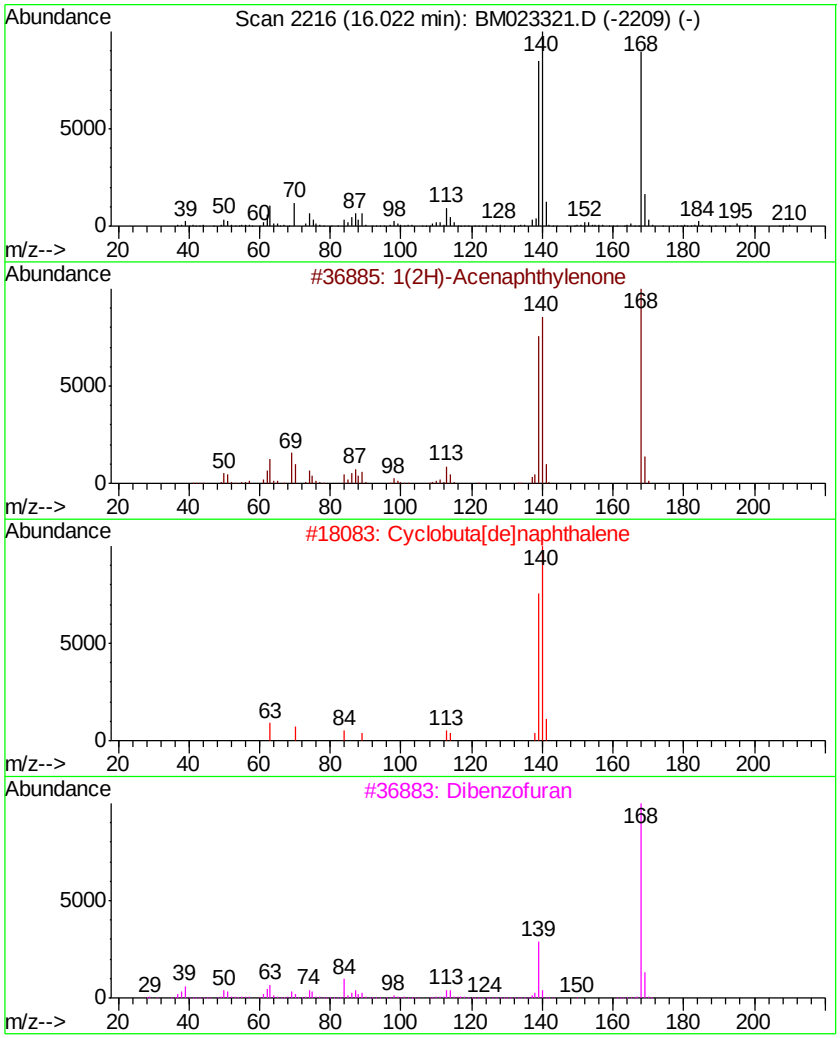
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

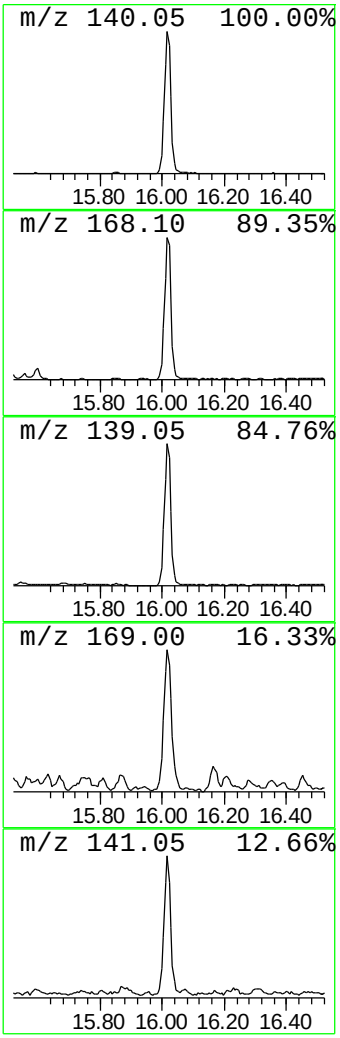
****

Peak Number 2 1(2H)-Acenaphthylenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	6.54 ng/ul	1496830	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	96
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	64
3	Dibenzofuran	168	C12H8O	000132-64-9	64
4	2-Amino-5,6-dihydro-4H-cyclopent...	140	C6H8N2S	053051-97-1	47
5	2-Thiaadamantan-4-one	168	C9H12OS	036223-95-7	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023321.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

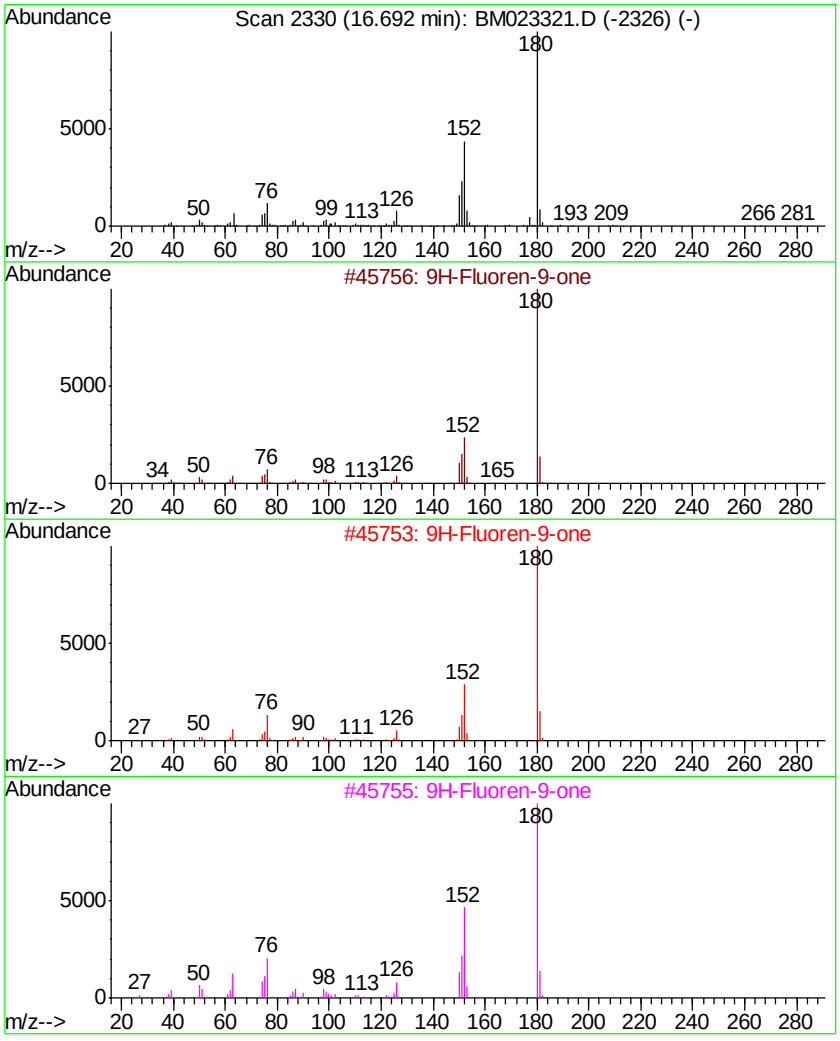
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

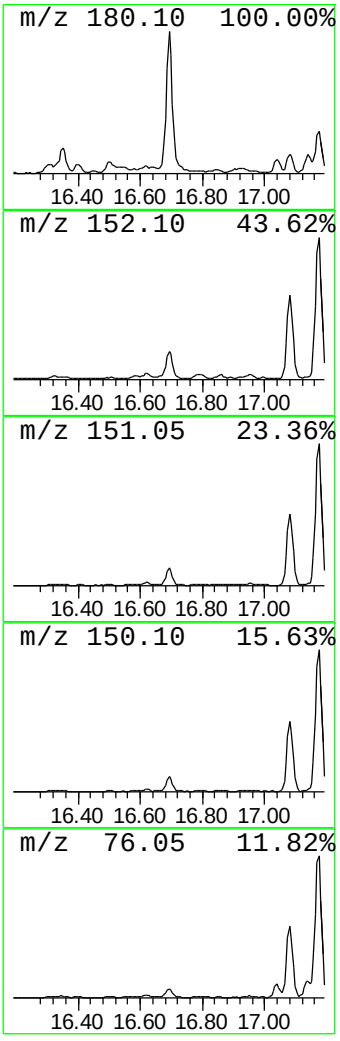
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	3.33 ng/ul	761457	Phenanthrene-d10	17.04

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	90
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	56
5	Diphenic anhydride	224	C14H8O3	006050-13-1	53





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Data File : BM023321.D
Acq On : 22 Oct 2019 16:34
Operator : JU
Sample : K5345-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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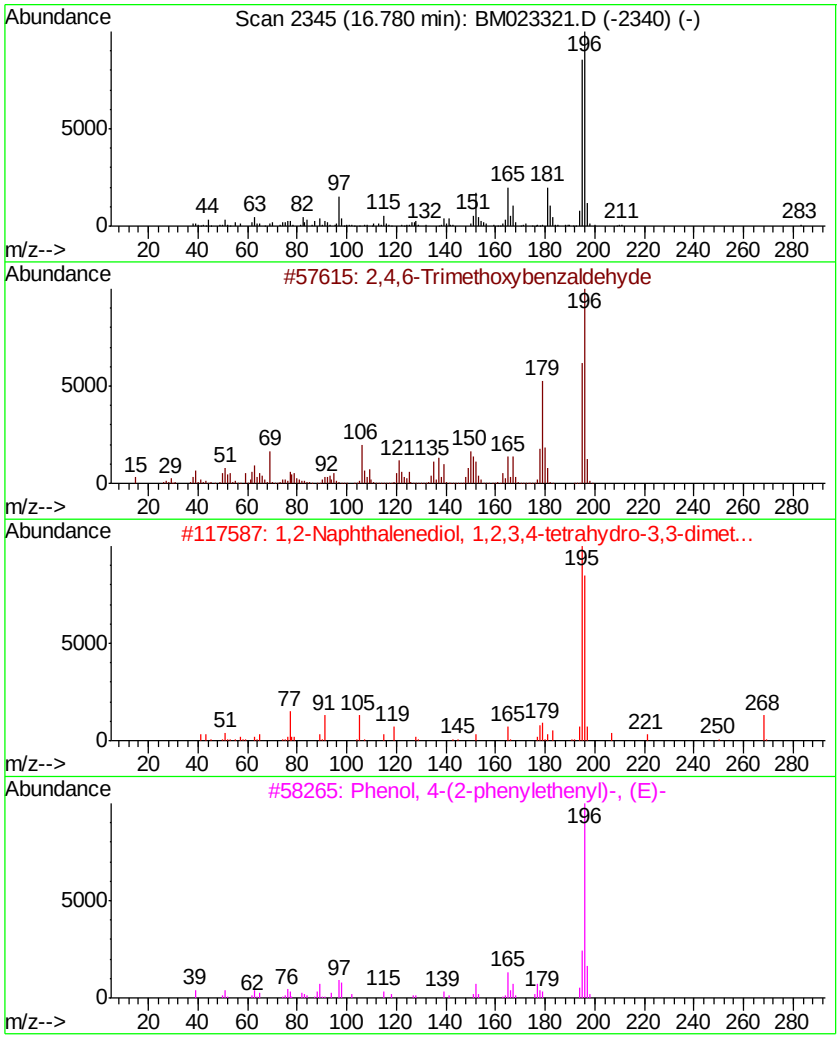
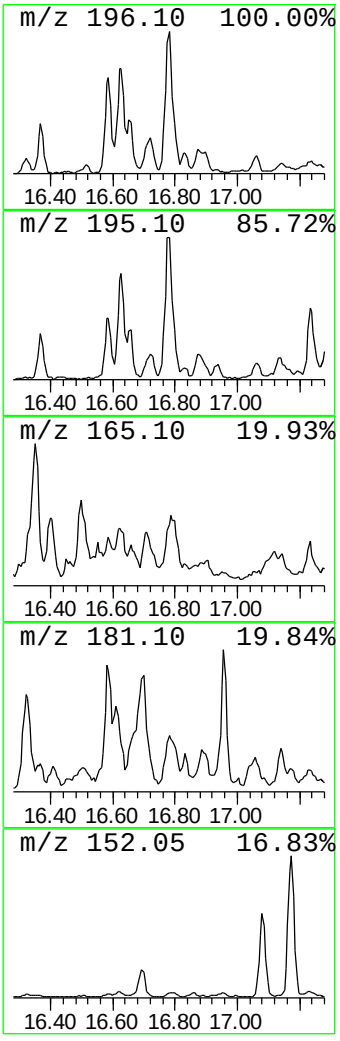
Peak Number 4 2,4,6-Trimethoxybenzaldehyde Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	2.35 ng/ul	537573	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	72
2	1,2-Naphthalenediol, 1,2,3,4-tet...	268	C18H20O2	056588-42-2	53
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	53
4	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	49
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	46





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Operator : JU
Sample : K5345-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

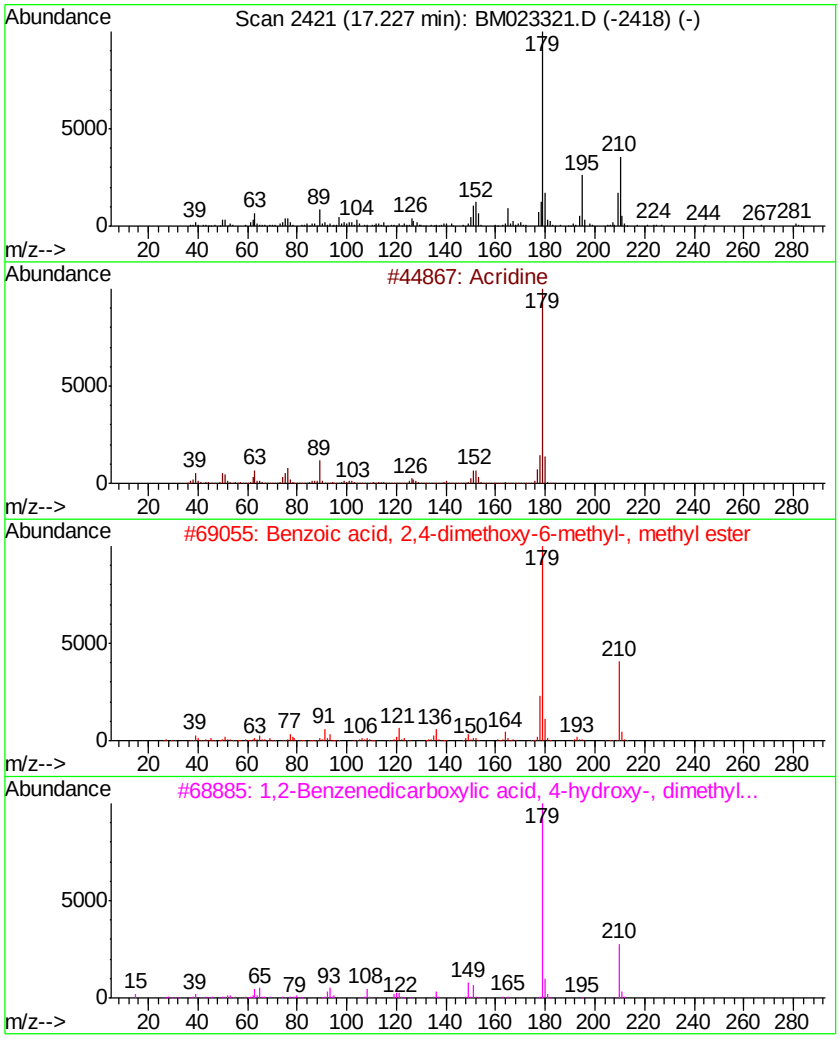
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

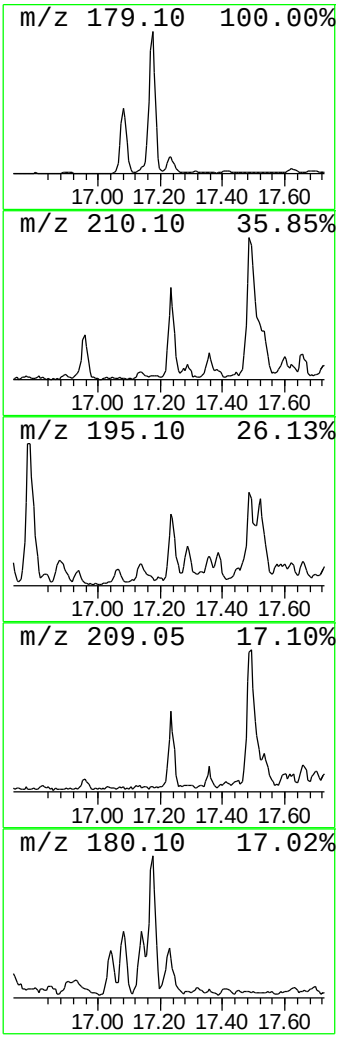
****

Peak Number 5 Acridine Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	2.21 ng/ul	506745	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	86
2	Benzoic acid, 2,4-dimethoxy-6-me...	210	C11H14O4	006110-37-8	49
3	1,2-Benzenedicarboxylic acid, 4-...	210	C10H10O5	022479-95-4	47
4	Benzoic acid, 4-hydroxy-2-methox...	210	C11H14O4	034874-75-4	47
5	Benzo[f]quinoline	179	C13H9N	000085-02-9	46





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Acq On : 22 Oct 2019 16:34
Operator : JU
Sample : K5345-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ6

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Quant Title : SVOA CALIBRATION

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

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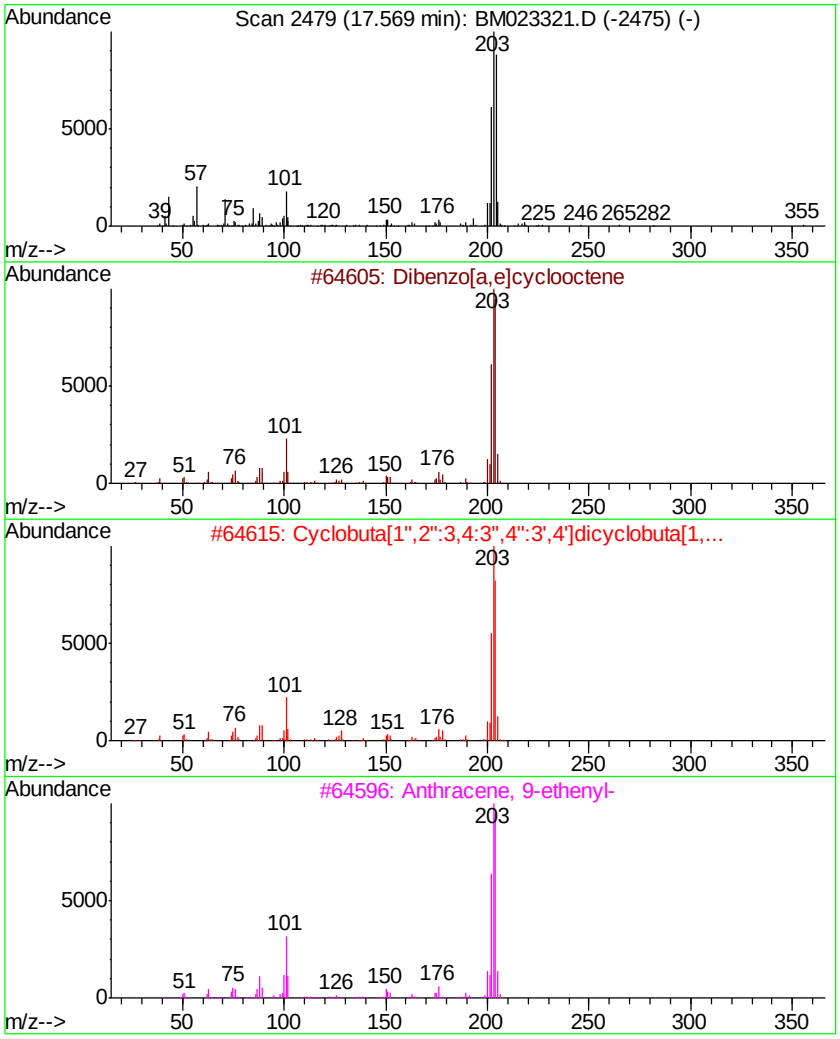
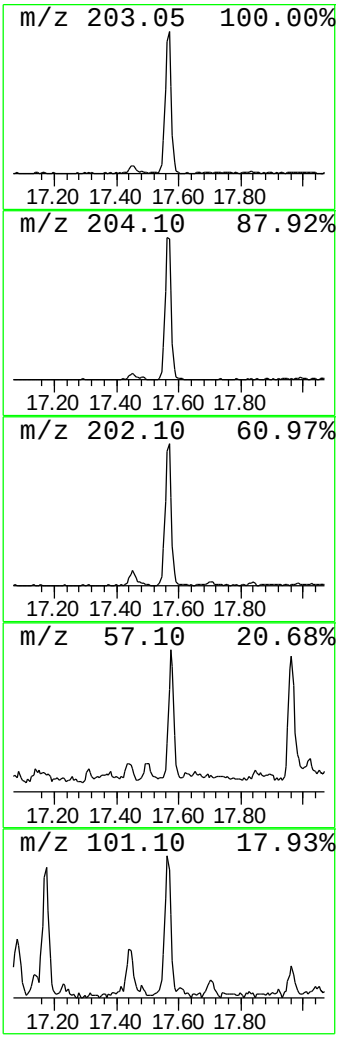
Peak Number 6 Dibenzo[a,e]cyclooctene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	2.56 ng/ul	586820	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
2	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	86
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	78
4	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	70
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60





Library Search Compound Report

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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ6

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Quant Title : SVOA CALIBRATION

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

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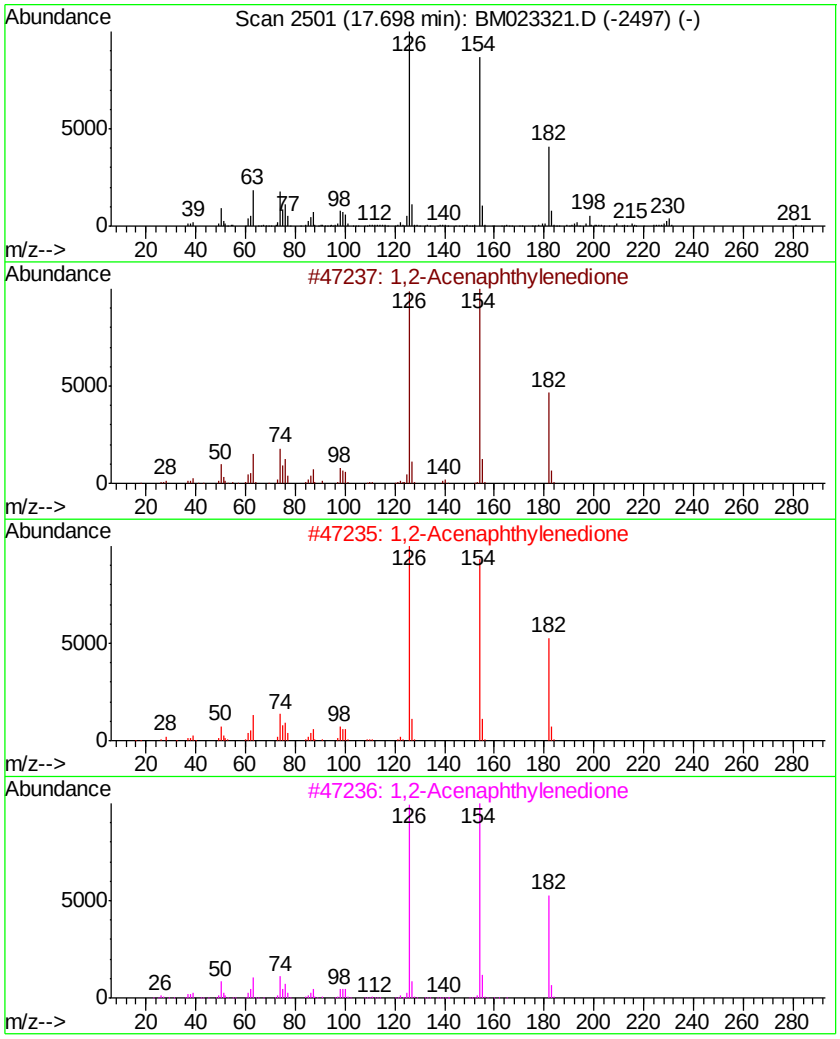
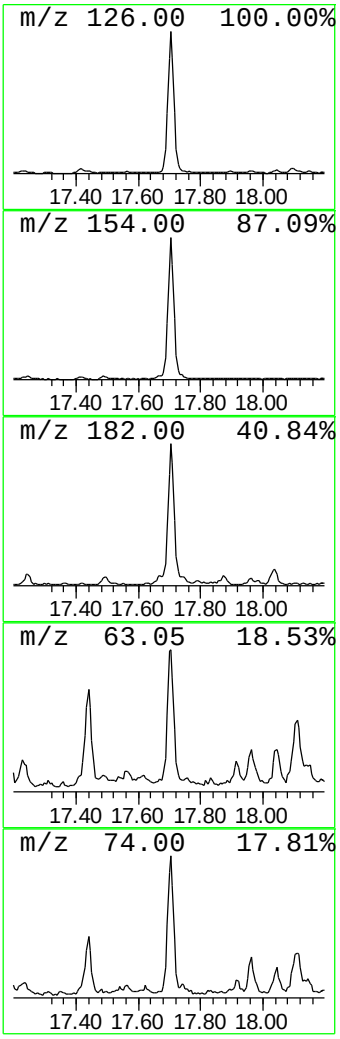
Peak Number 7 1,2-Acenaphthylenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	4.36 ng/ul	997354	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	98
2	1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	98
3	1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	96
4	Naphthalic anhydride	198	C12H6O3	000081-84-5	95
5	Naphthalic anhydride	198	C12H6O3	000081-84-5	95





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Instrument : BNA_M
ClientSampleId : ETOJ6

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Quant Title : SVOA CALIBRATION

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

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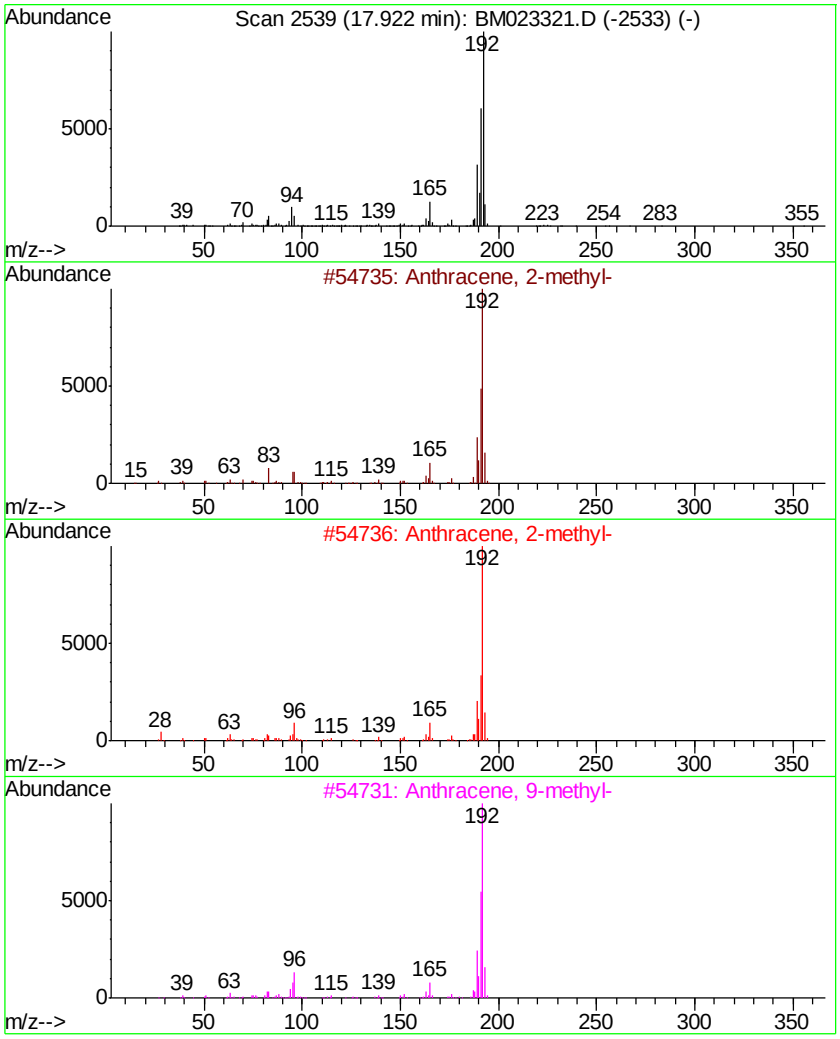
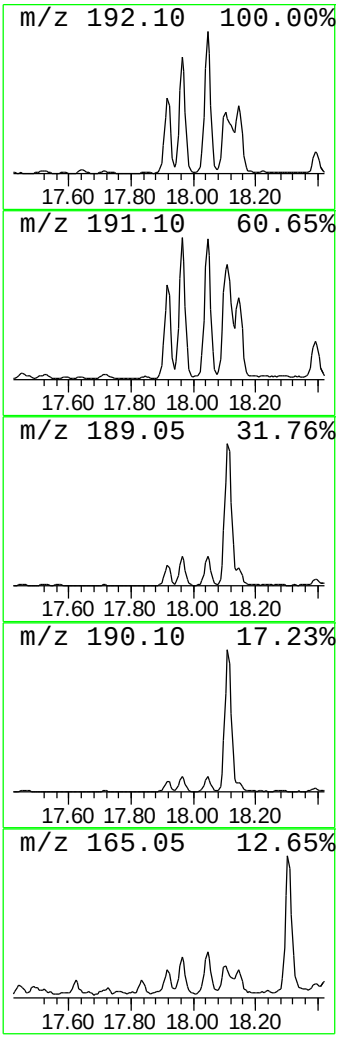
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	3.31 ng/ul	756643	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87





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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ6

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Quant Title : SVOA CALIBRATION

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

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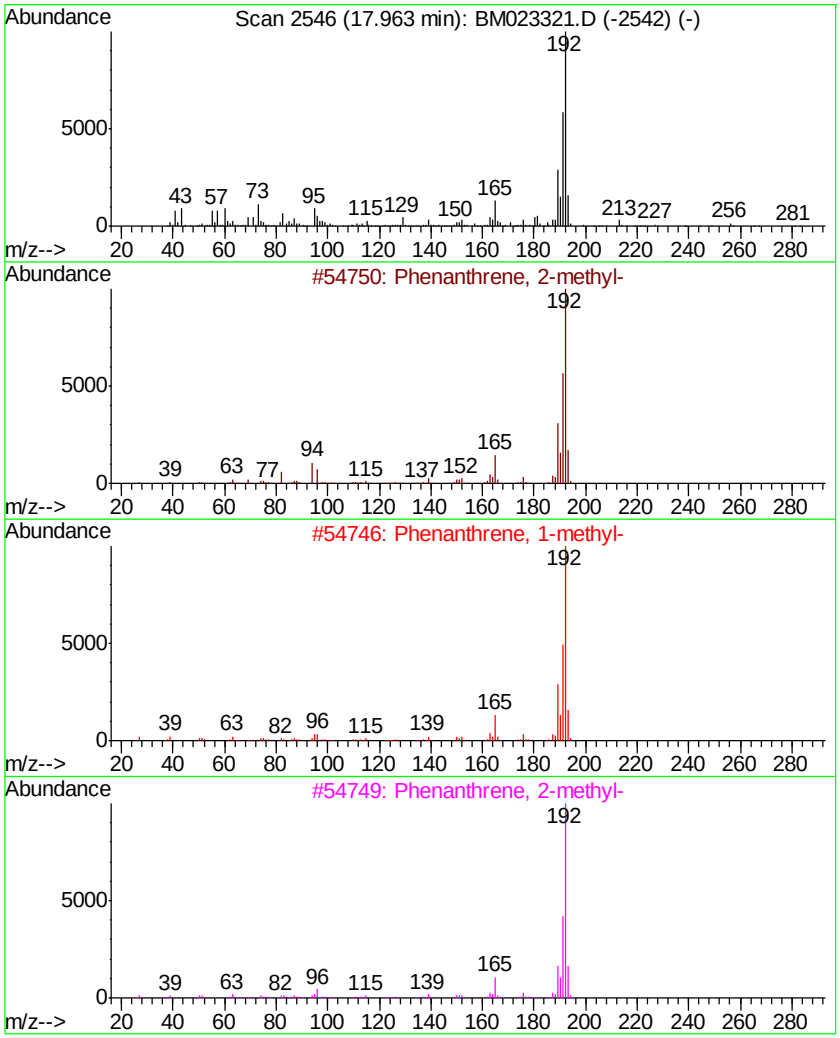
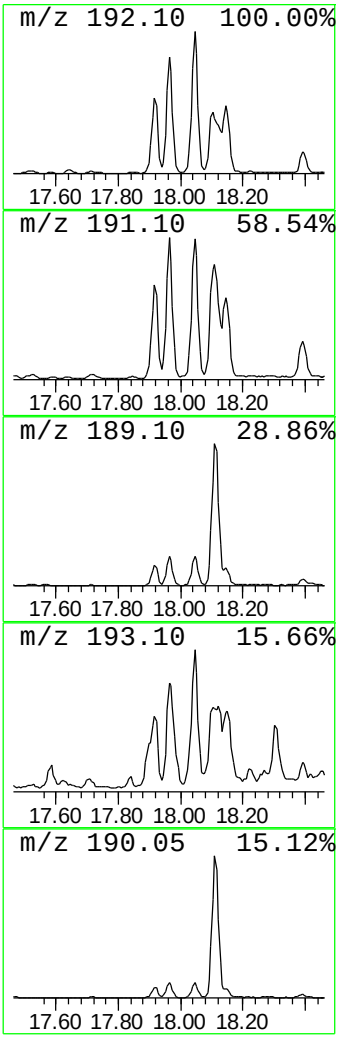
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	7.39 ng/ul	1690630	Phenanthrene-d10	17.04

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	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96





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Instrument : BNA_M
ClientSampleId : ETOJ6

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Quant Title : SVOA CALIBRATION

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

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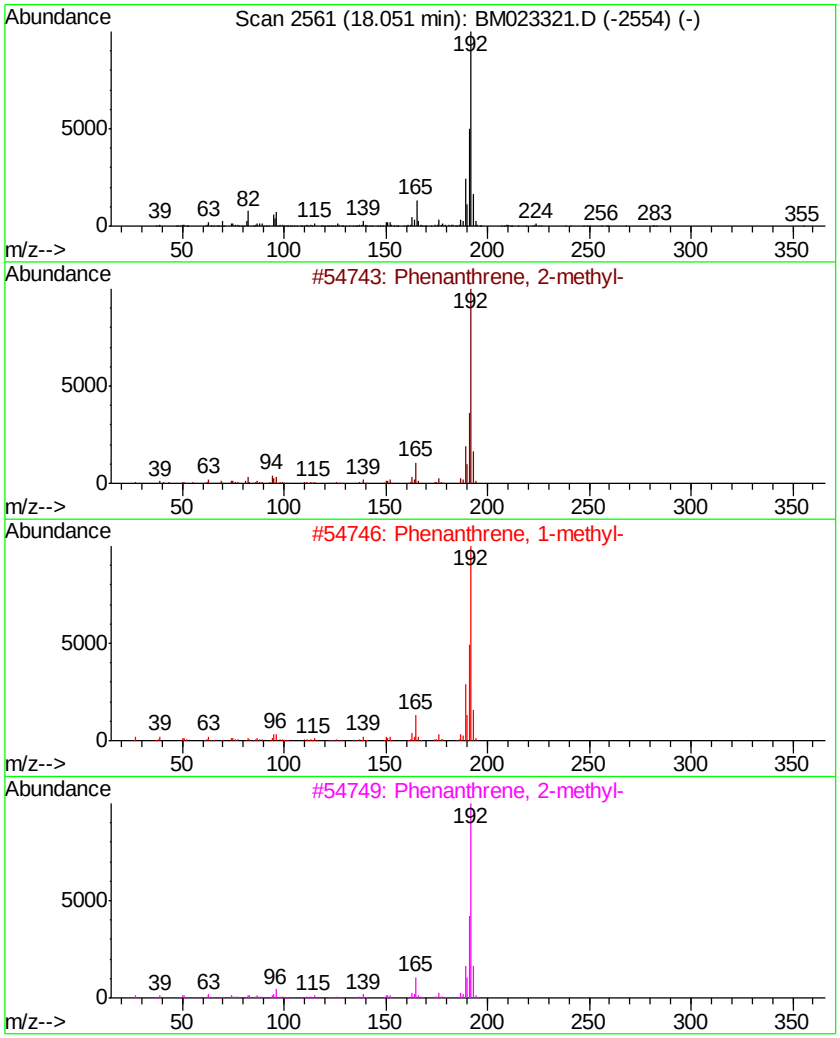
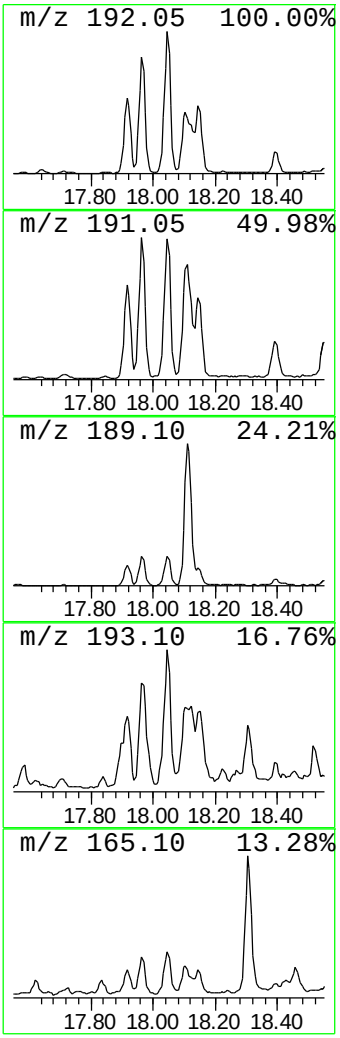
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	6.70 ng/ul	1534160	Phenanthrene-d10	17.04

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ6

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Quant Title : SVOA CALIBRATION

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

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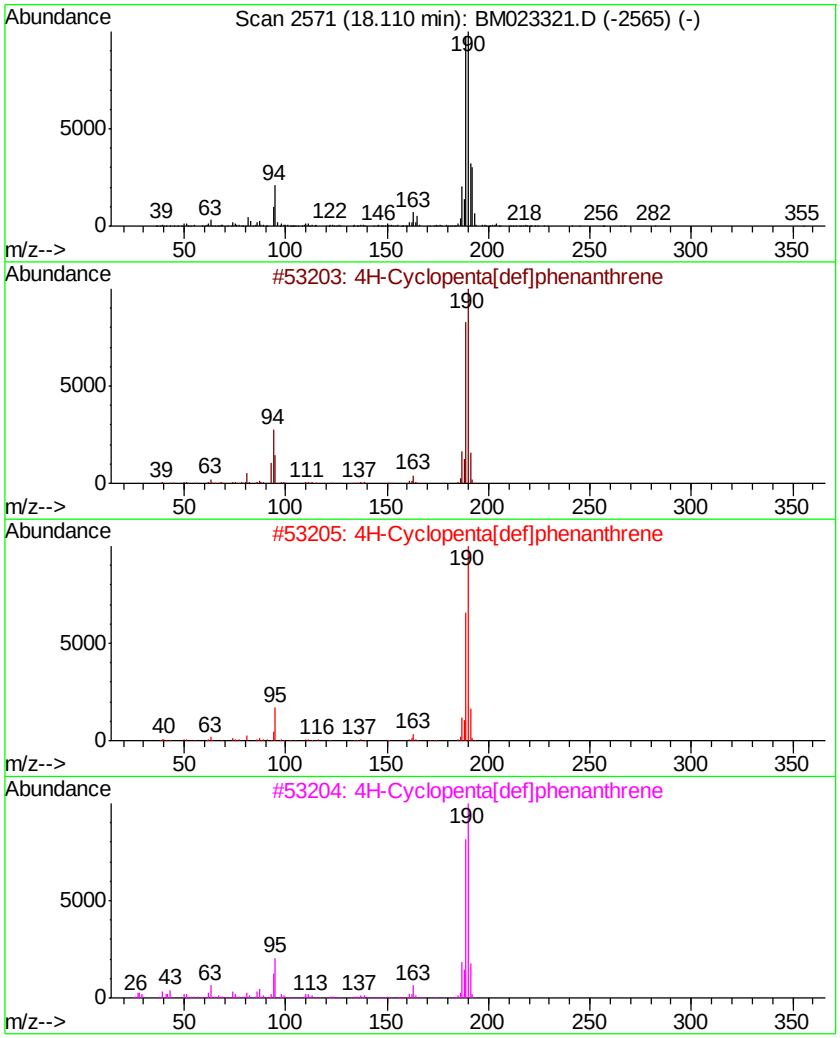
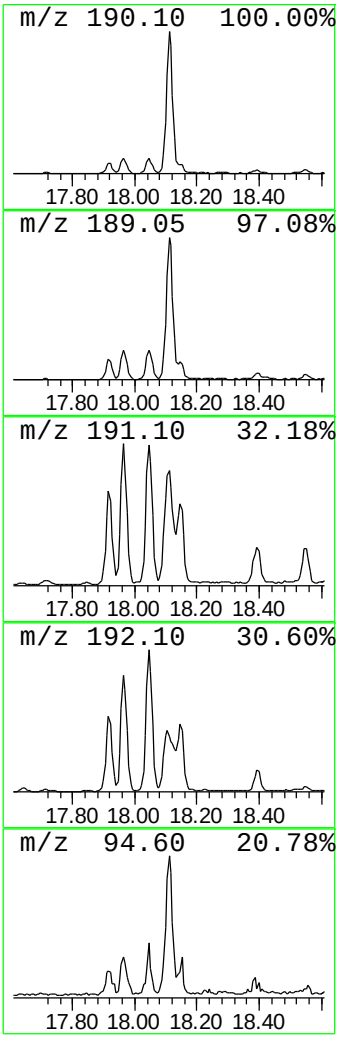
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	11.75 ng/ul	2689980	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ6

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Quant Title : SVOA CALIBRATION

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

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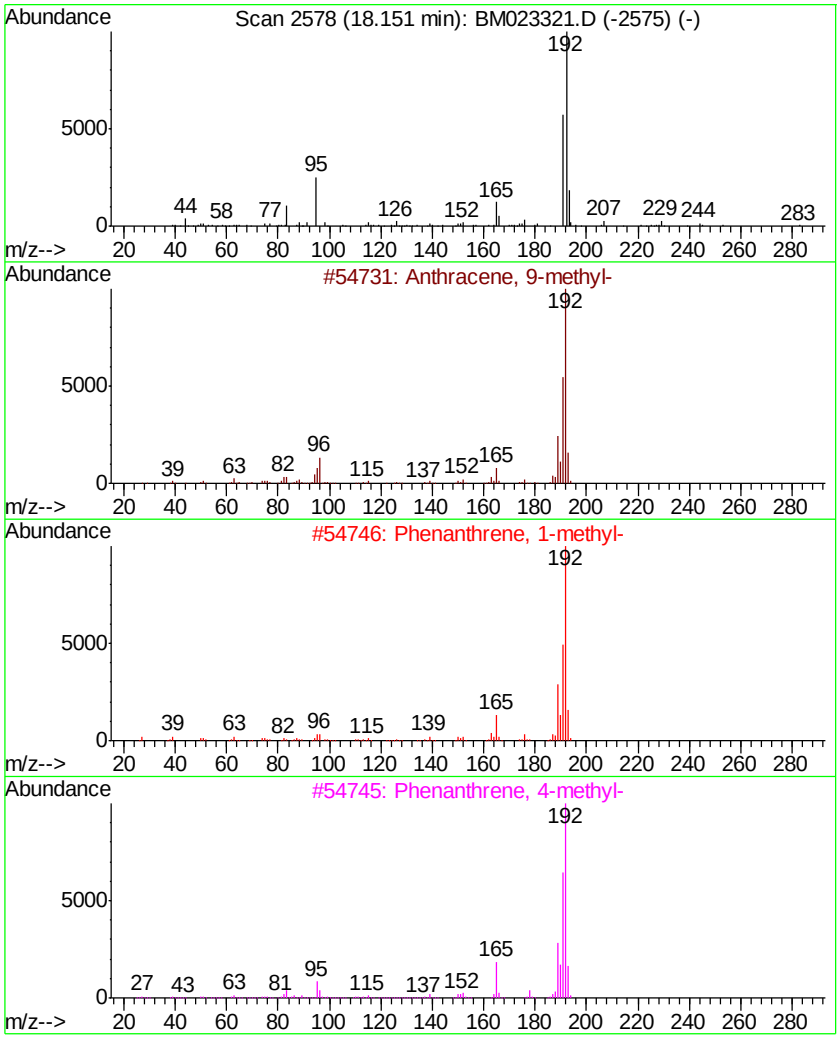
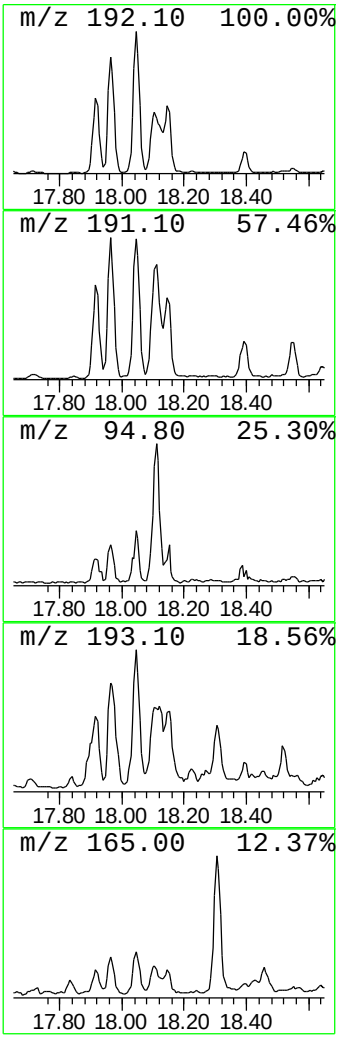
Peak Number 12 Anthracene, 9-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	2.45 ng/ul	561298	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	86





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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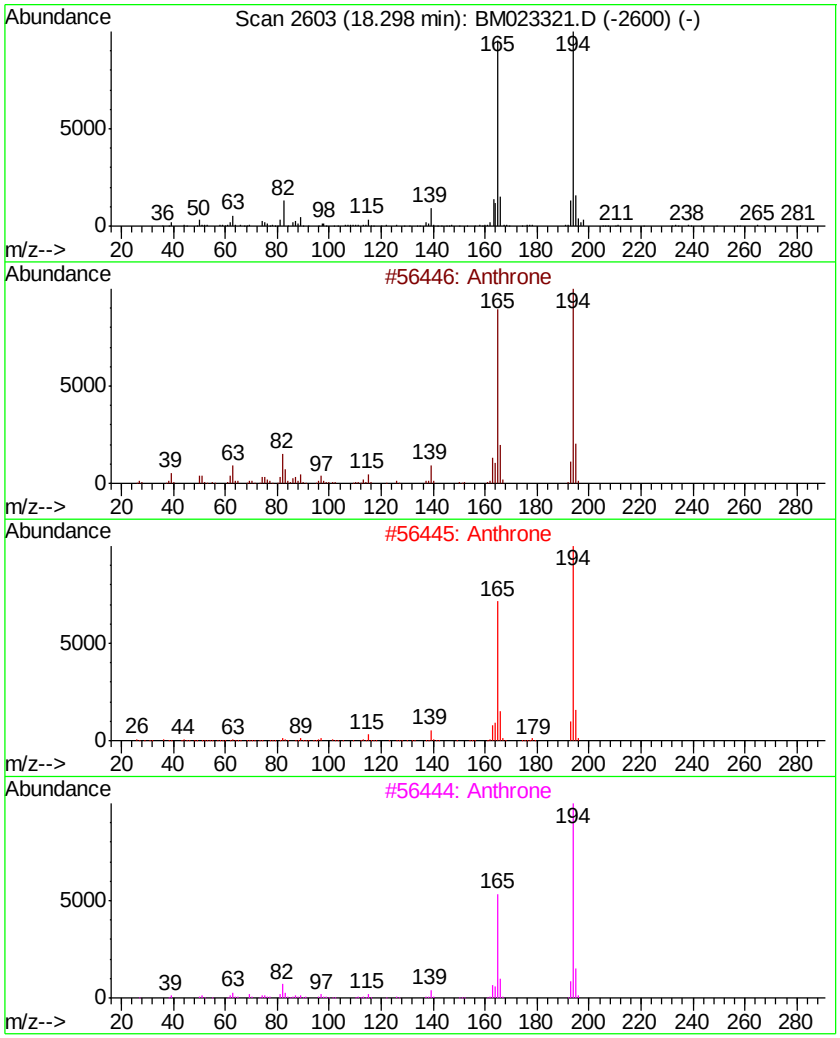
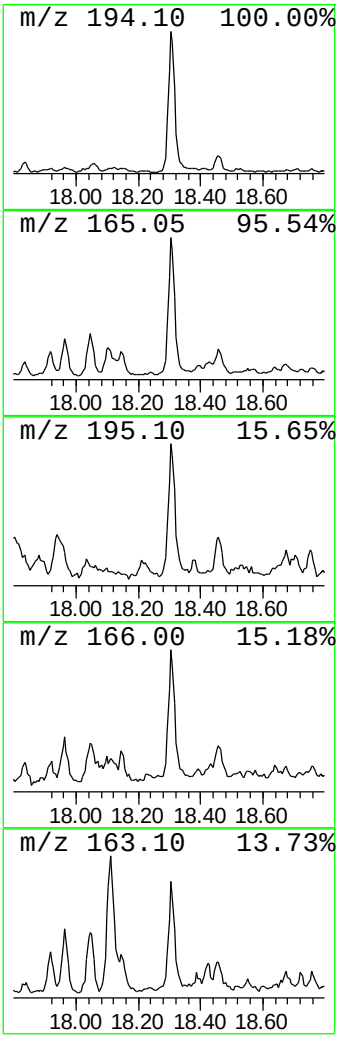
Peak Number 13 Anthrone Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	3.15 ng/ul	721358	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	94
2	Anthrone	194	C14H10O	000090-44-8	94
3	Anthrone	194	C14H10O	000090-44-8	94
4	2-Fluorenecarboxaldehyde	194	C14H10O	030084-90-3	90
5	2-Phenanthrenol	194	C14H10O	000605-55-0	90





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Instrument : BNA_M
ClientSampleId : ETOJ6

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Quant Title : SVOA CALIBRATION

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

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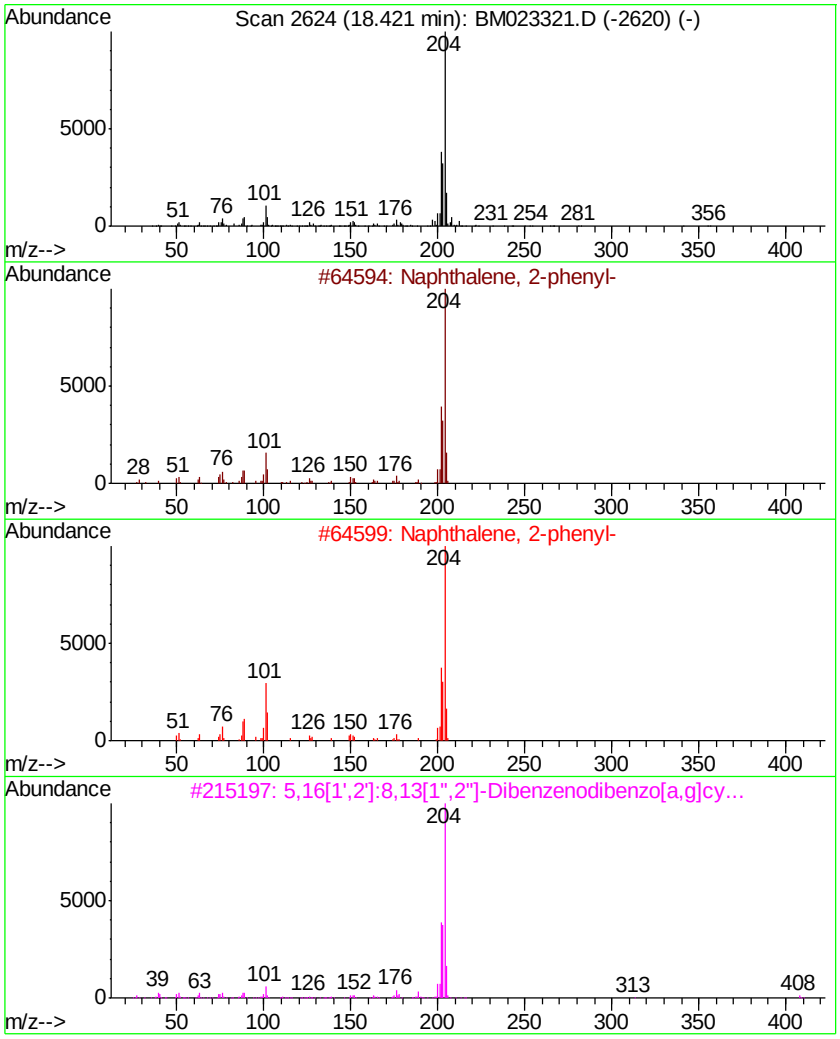
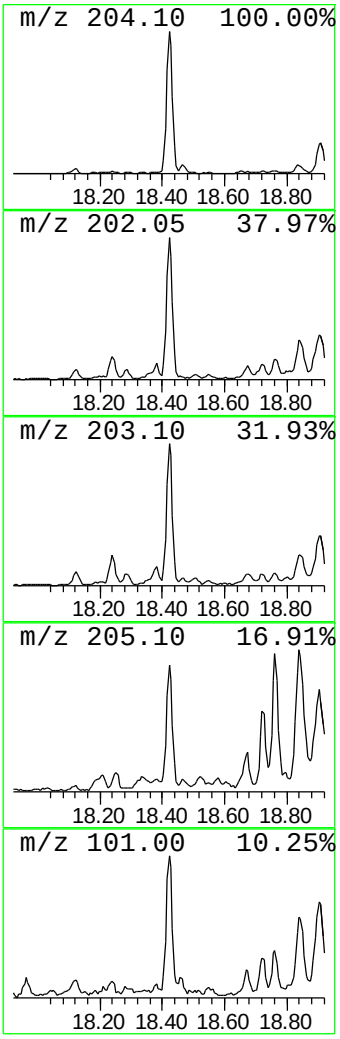
Peak Number 14 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	5.04 ng/ul	1154730	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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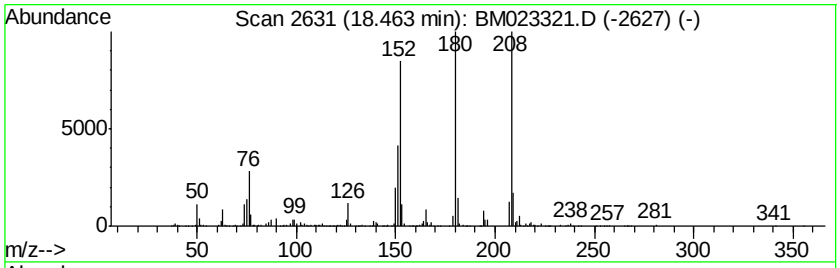
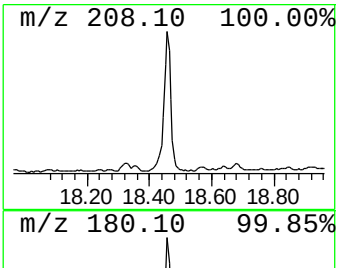
Peak Number 15 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	7.11 ng/ul	1626950	Phenanthrene-d10	17.04

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	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	90
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





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Quant Title : SVOA CALIBRATION

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

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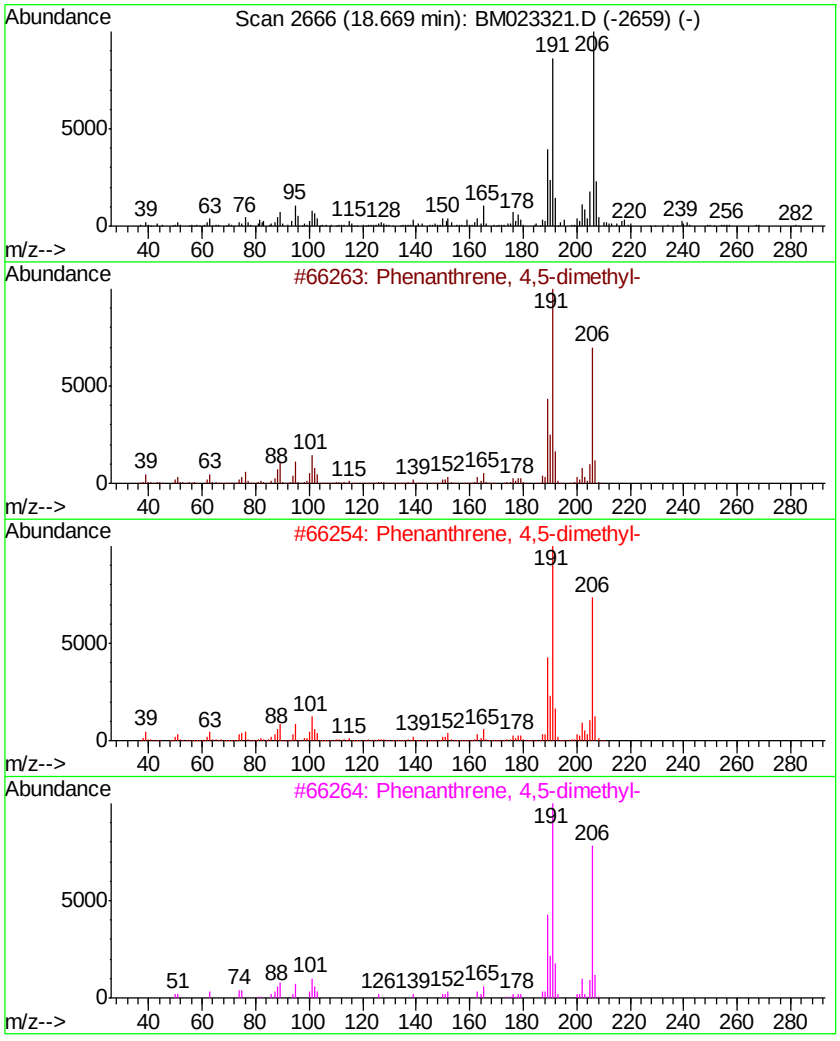
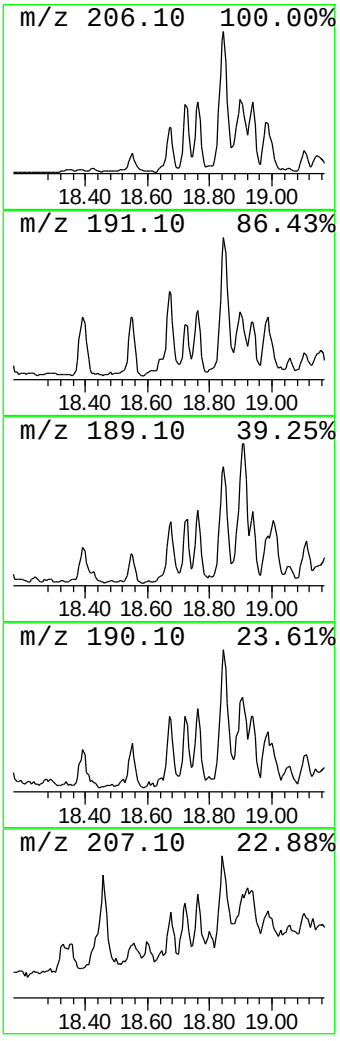
Peak Number 16 Phenanthrene, 4,5-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	2.92 ng/ul	669237	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	81





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Acq On : 22 Oct 2019 16:34
Operator : JU
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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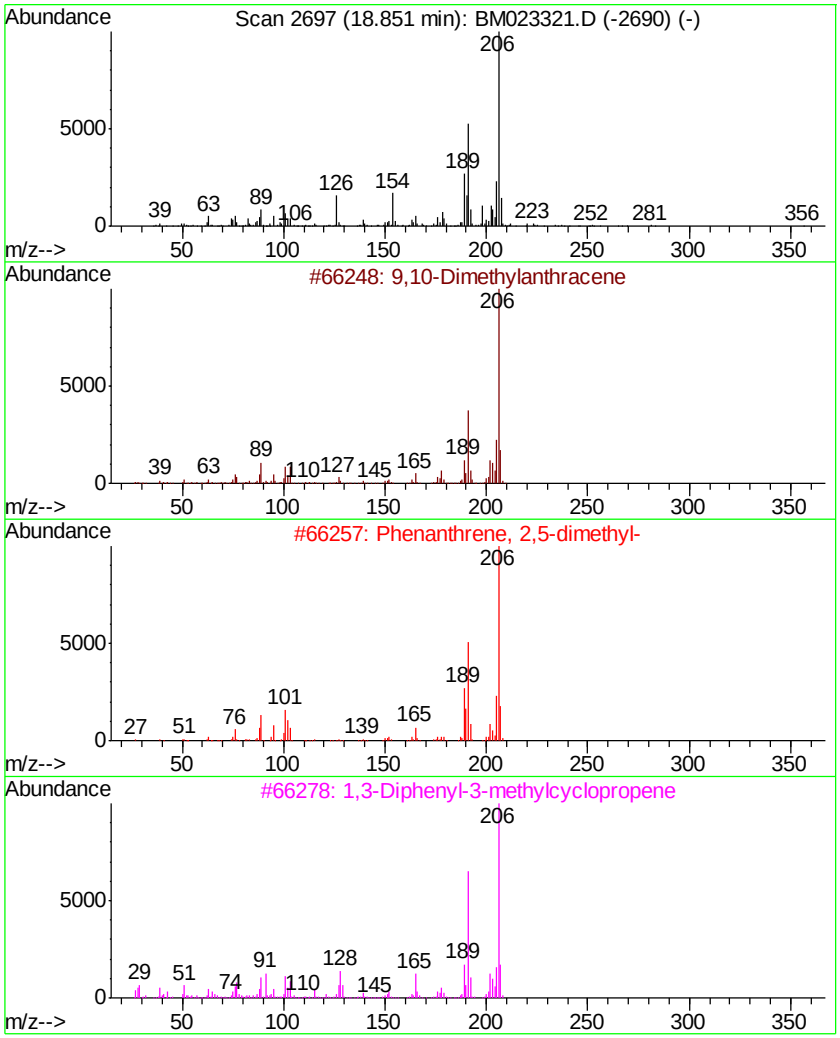
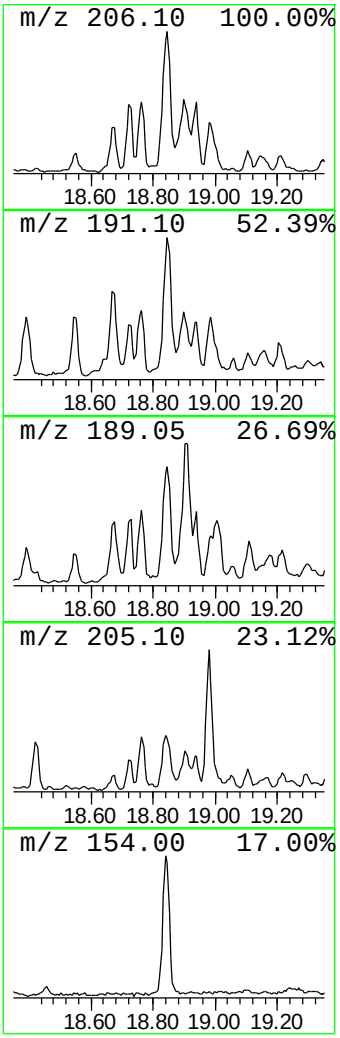
Peak Number 17 9,10-Dimethylanthracene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	6.66 ng/ul	1523770	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89
3	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	83
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	70
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70





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Sample : K5345-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ6

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Quant Title : SVOA CALIBRATION

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

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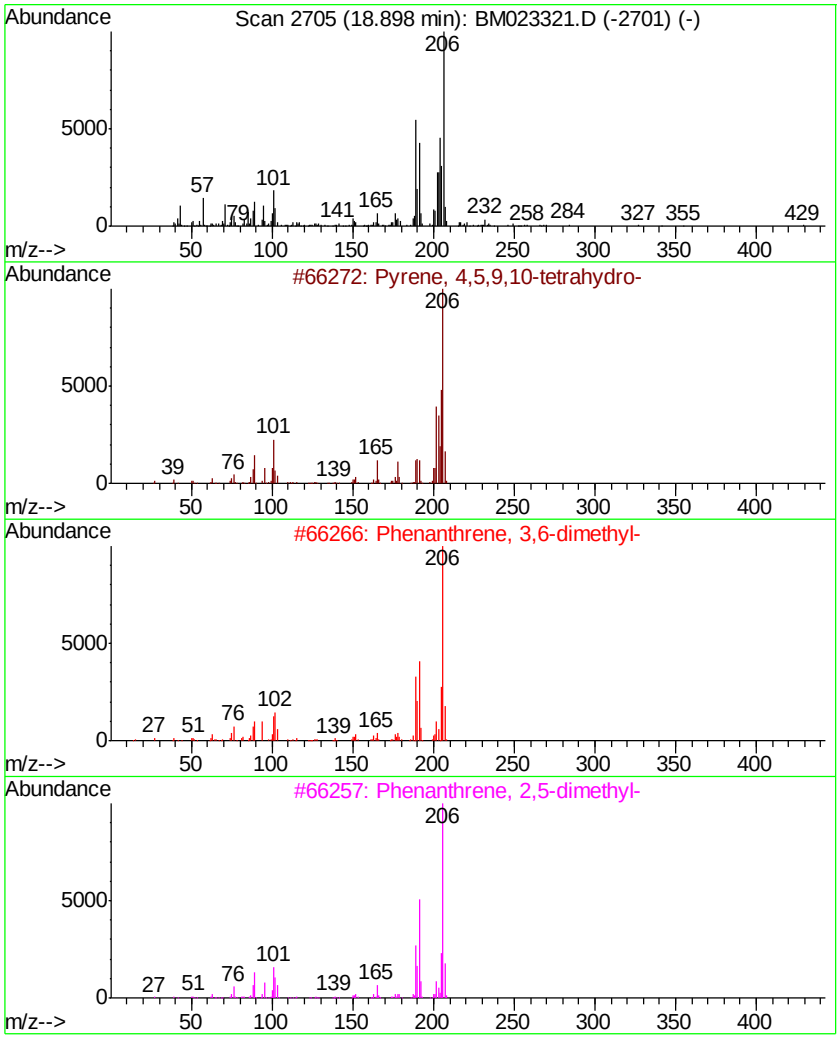
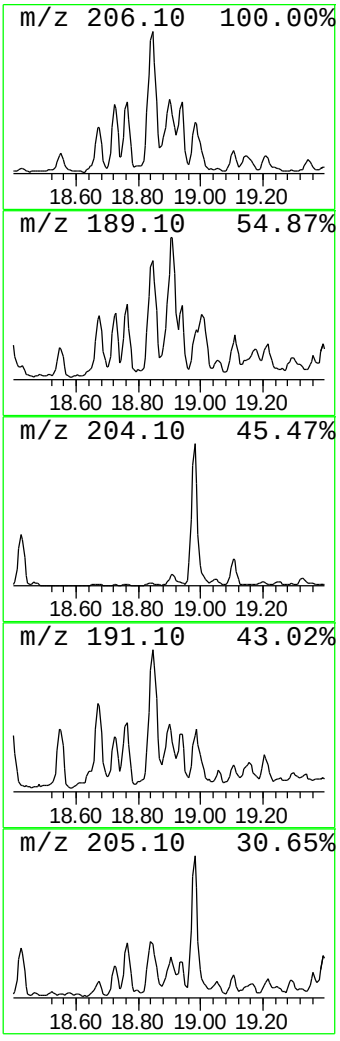
Peak Number 18 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	4.59 ng/ul	1049510	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	51
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	42
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	38
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	38





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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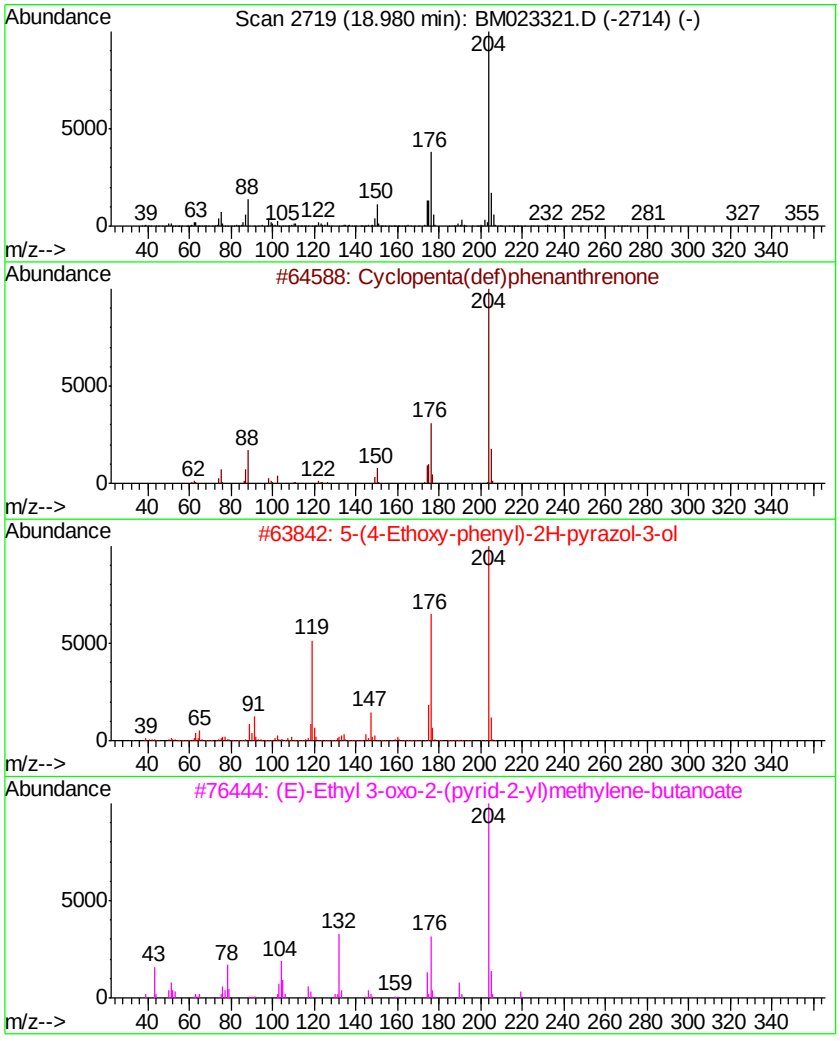
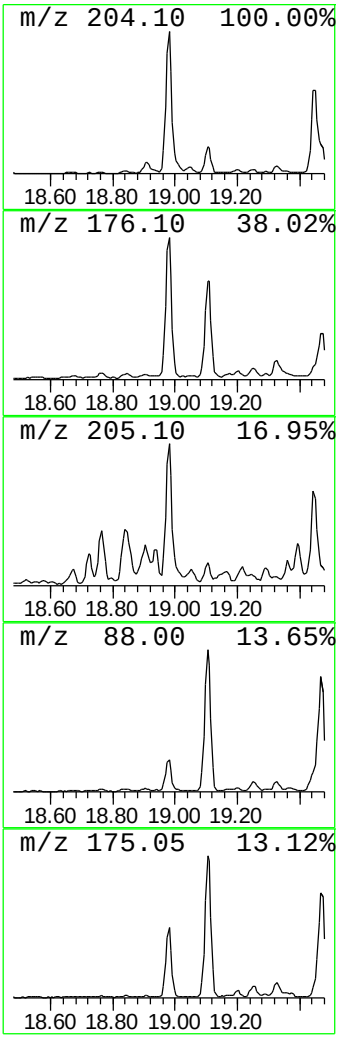
Peak Number 19 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	13.37 ng/ul	3060880	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	59
3	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	50
4	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	47
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46





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Quant Title : SVOA CALIBRATION

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

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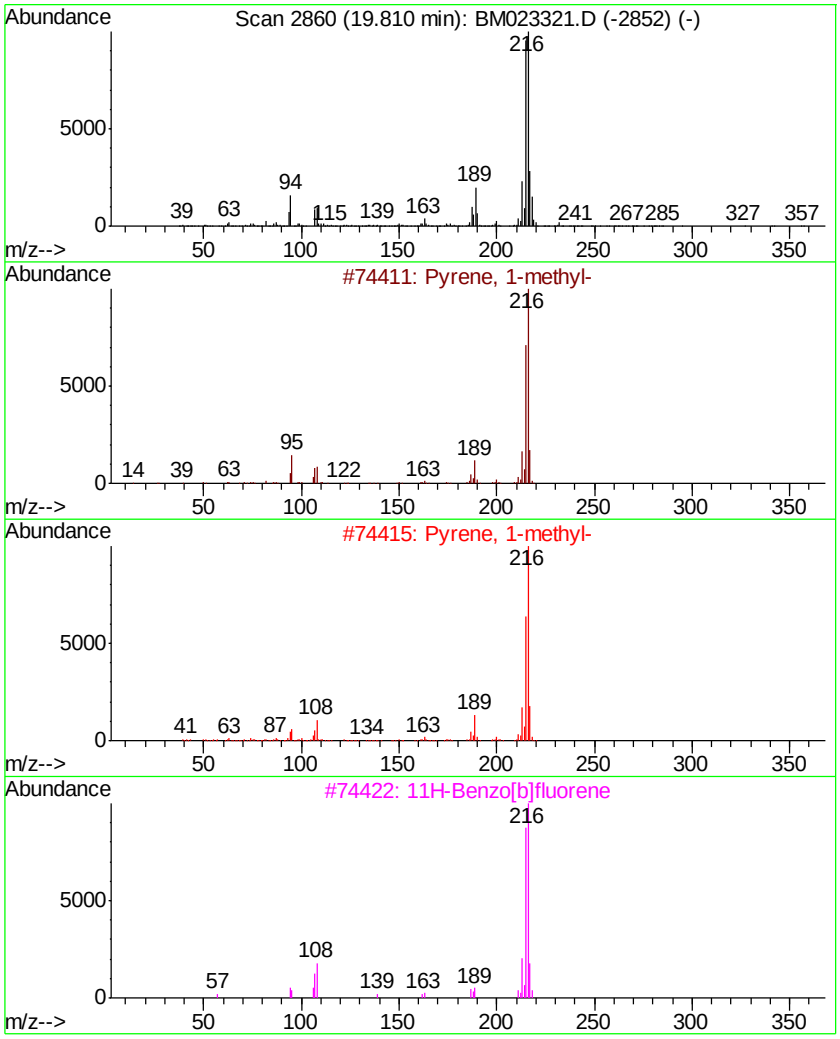
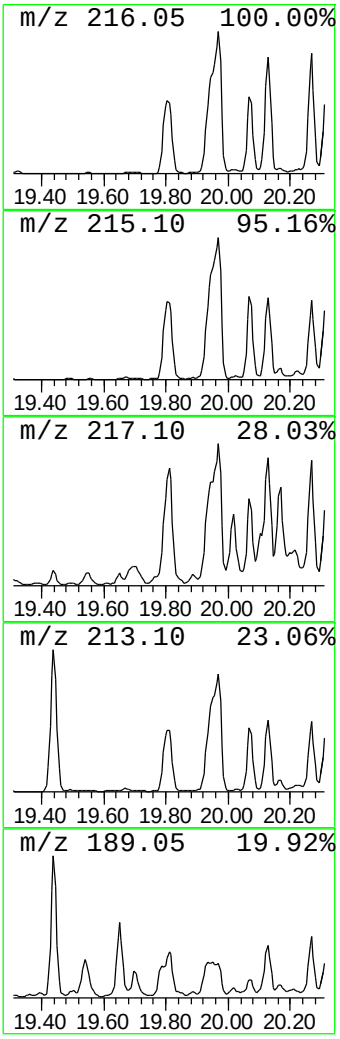
Peak Number 20 Pyrene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	3.53 ng/ul	5950420	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	62
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	62





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ClientSampleId : ETOJ6

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Quant Title : SVOA CALIBRATION

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

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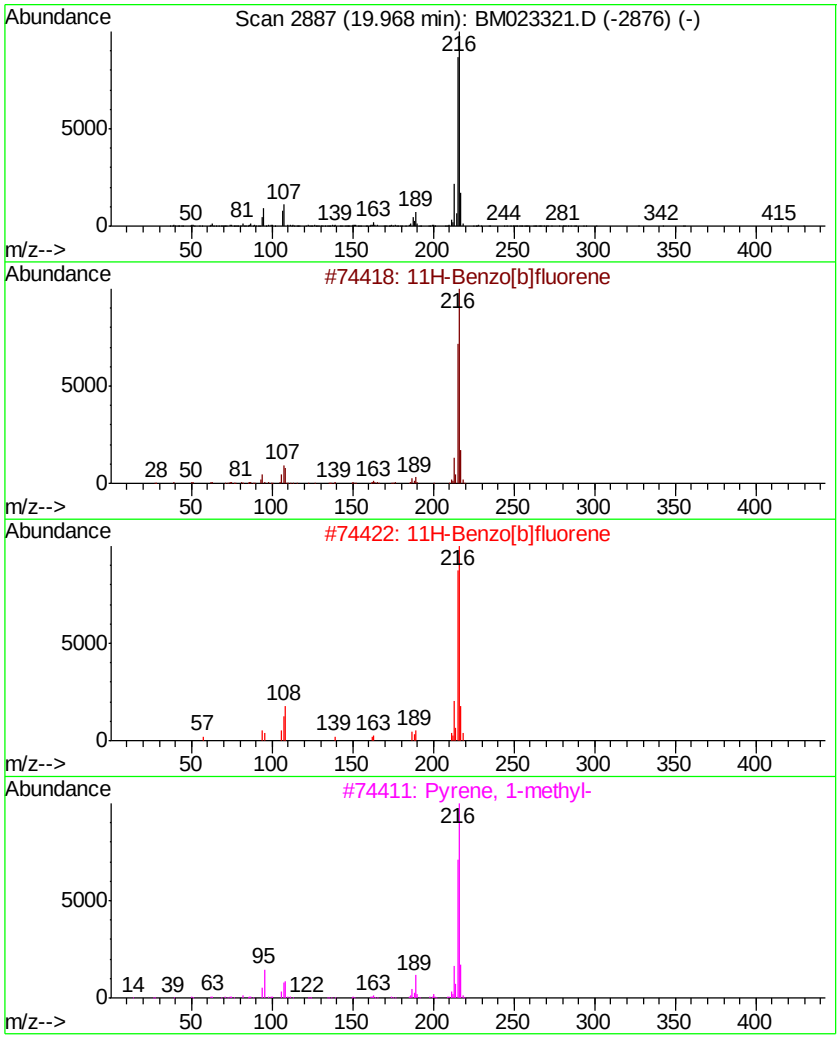
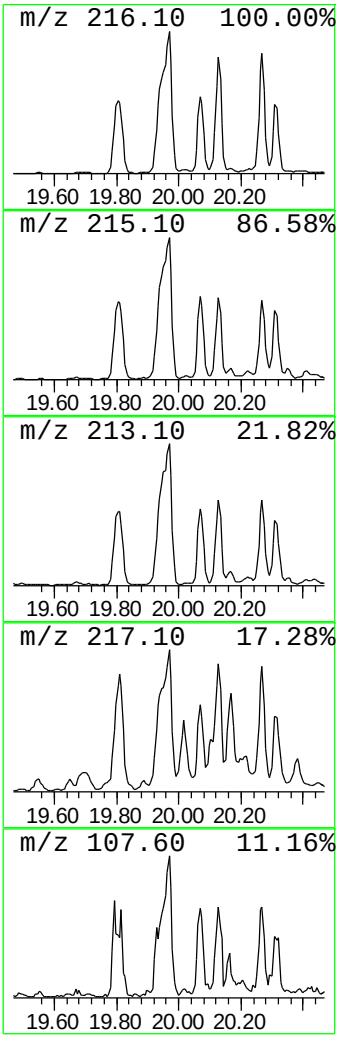
Peak Number 21 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	6.59 ng/ul	11113400	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93





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Quant Title : SVOA CALIBRATION

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

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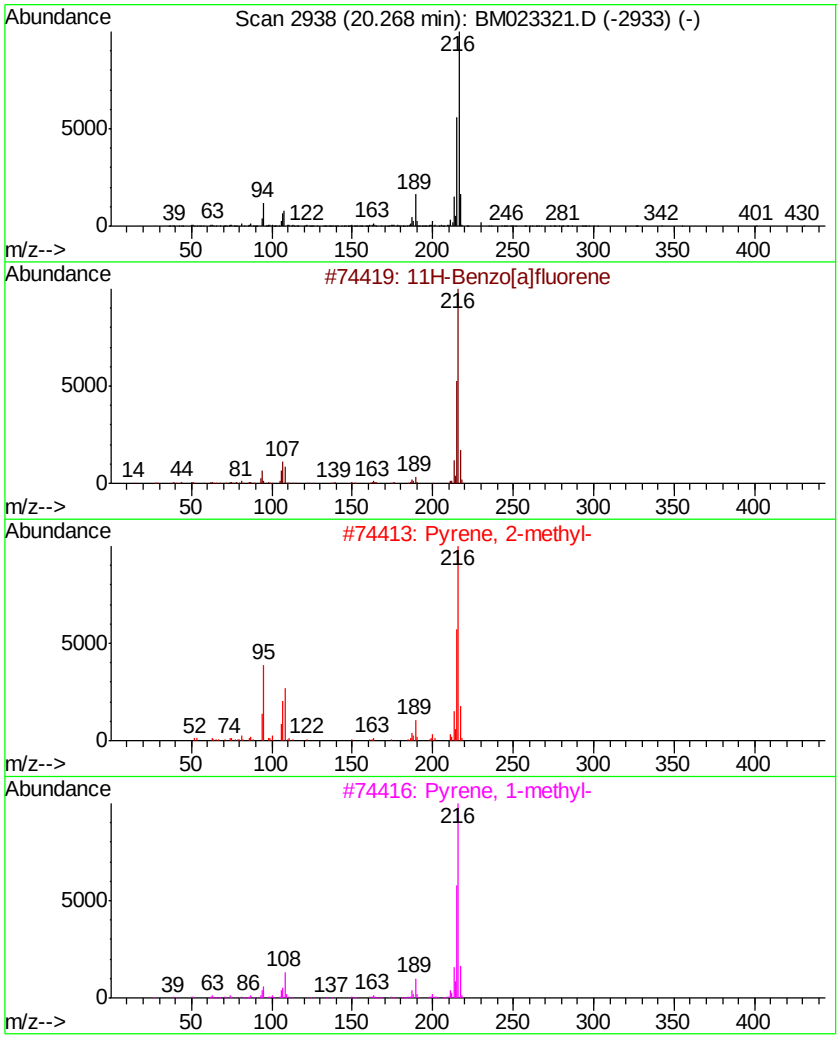
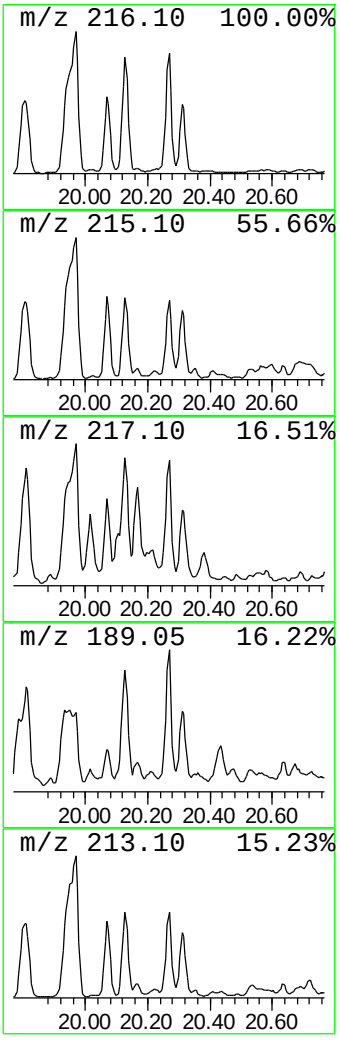
Peak Number 23 11H-Benzo[a]fluorene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	2.26 ng/ul	3806020	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	76





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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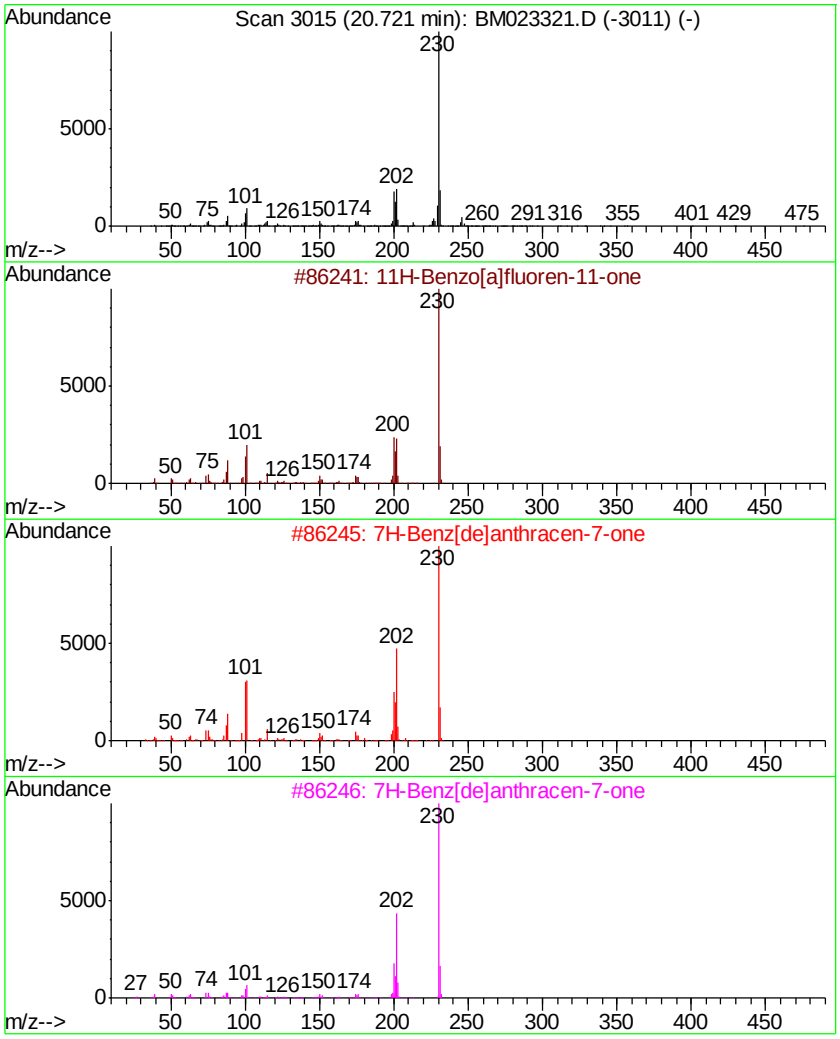
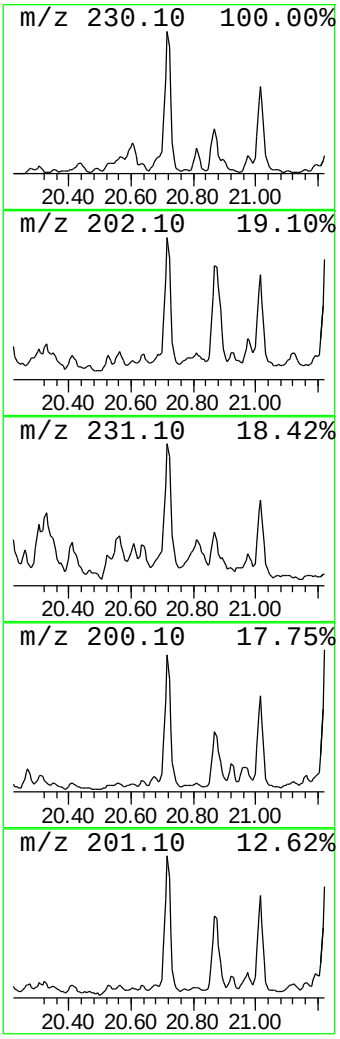
Peak Number 24 11H-Benzo[a]fluoren-11-one Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	2.85 ng/ul	4807400	Chrysene-d12	21.24

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	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64





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Quant Title : SVOA CALIBRATION

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

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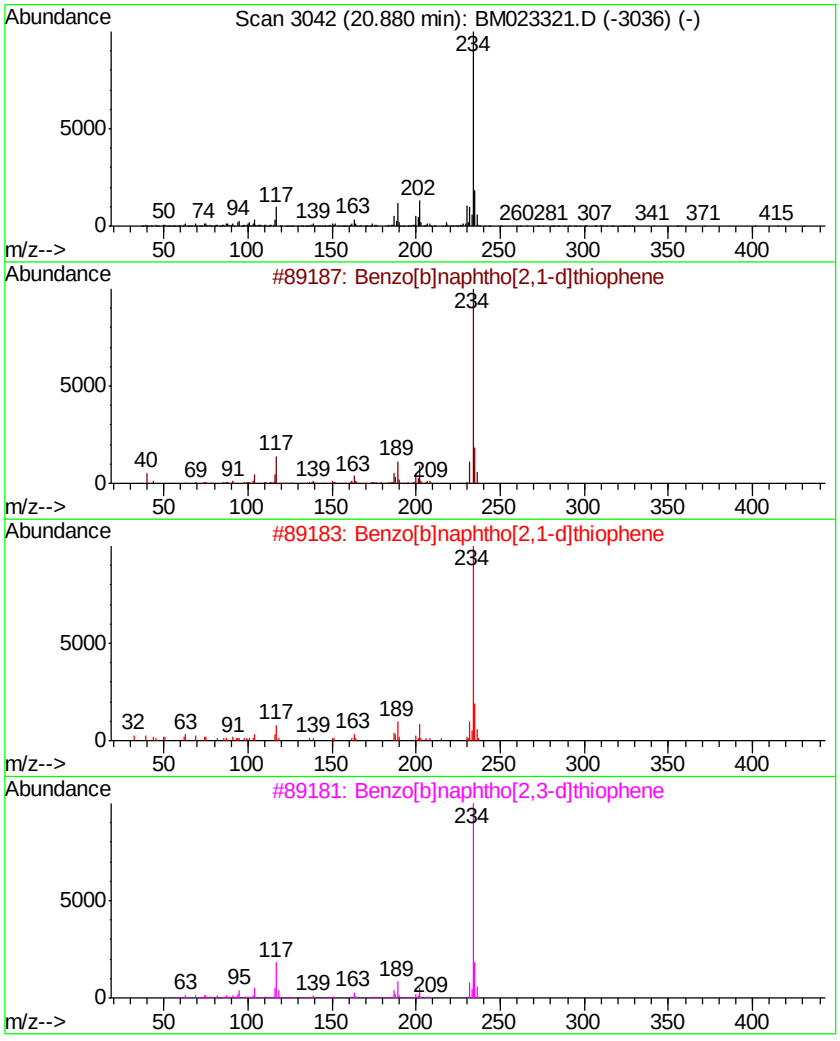
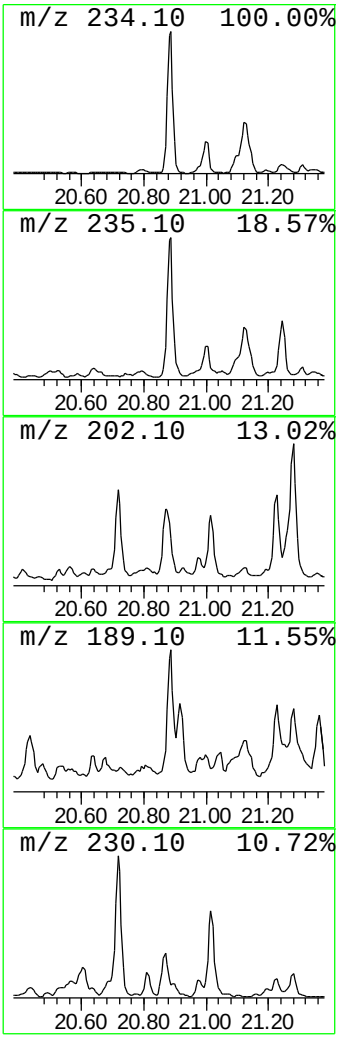
Peak Number 25 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	3.15 ng/ul	5322930	Chrysene-d12	21.24

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[2,1-d]thiophene	234	C16H10S	000239-35-0	94
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	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	90





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Quant Title : SVOA CALIBRATION

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

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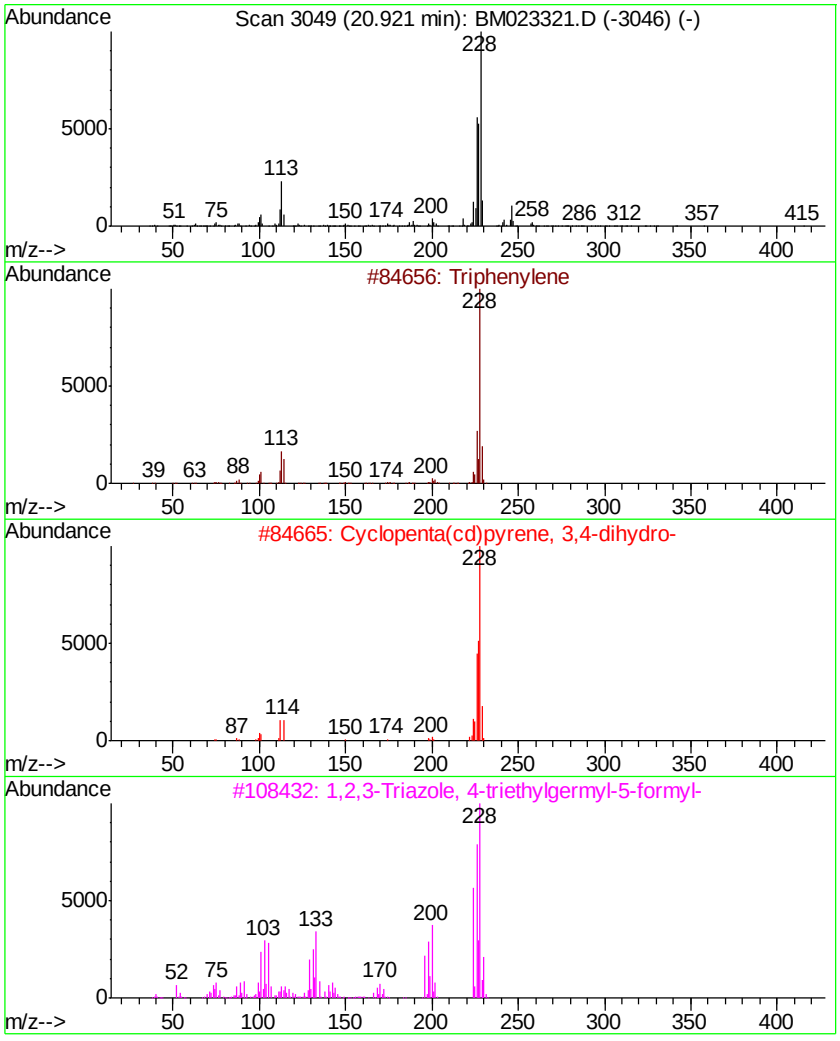
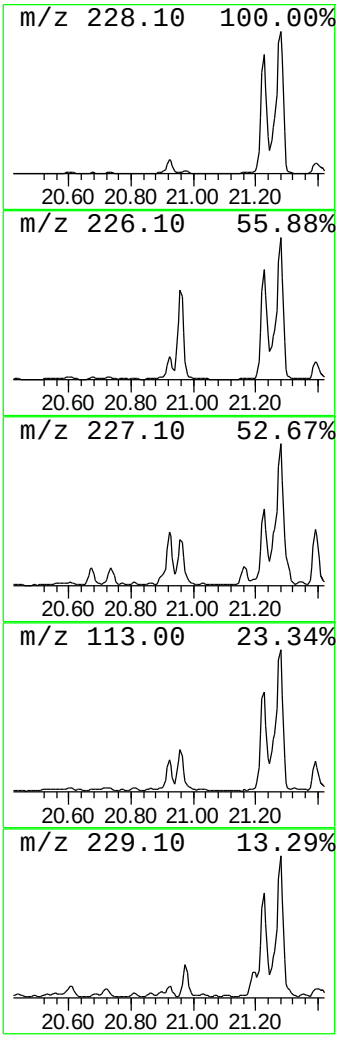
Peak Number 26 Triphenylene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.55 ng/ul	4302220	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene	228	C18H12	000217-59-4	50
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	46
3	1,2,3-Triazole, 4-triethylgermyl...	257	C9H17GeN3O	184588-50-9	40
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38
5	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	38





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Quant Title : SVOA CALIBRATION

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

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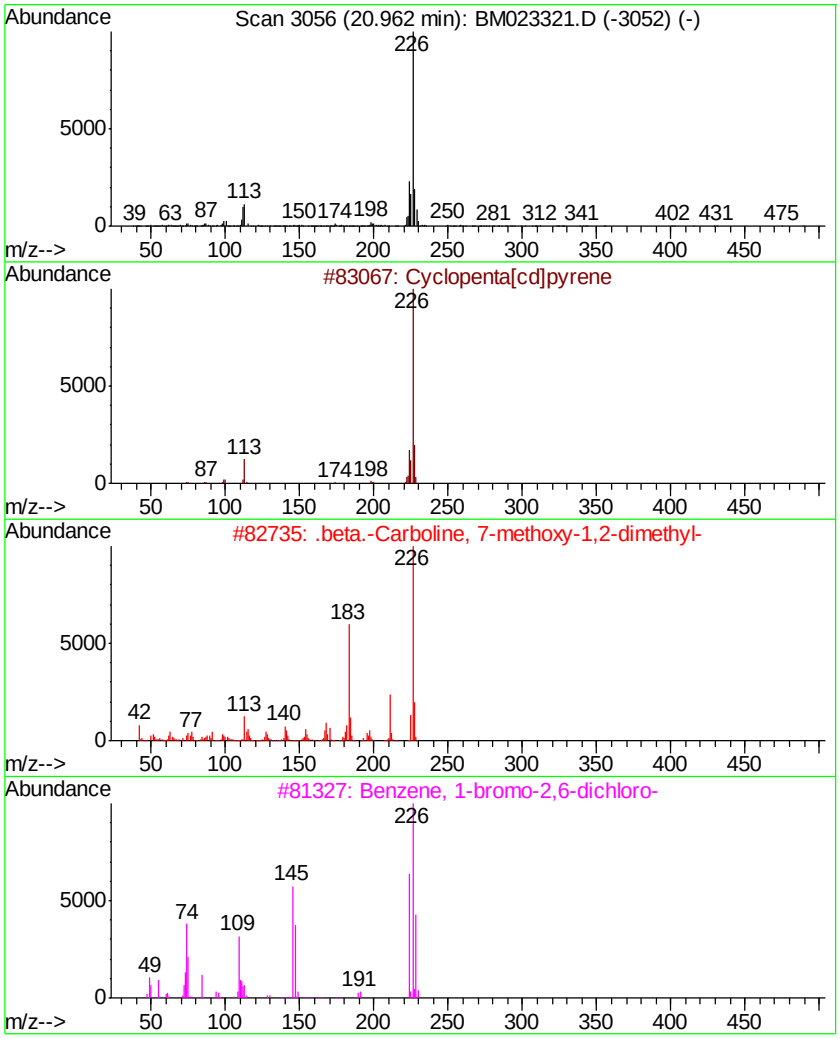
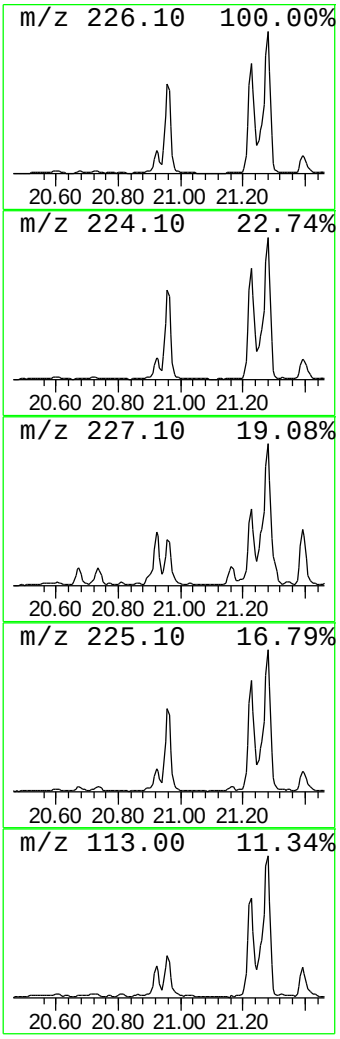
Peak Number 27 Cyclopenta[cd]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	5.78 ng/ul	9750000	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	81
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
3	Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	50
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	47
5	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	40





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Quant Title : SVOA CALIBRATION

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

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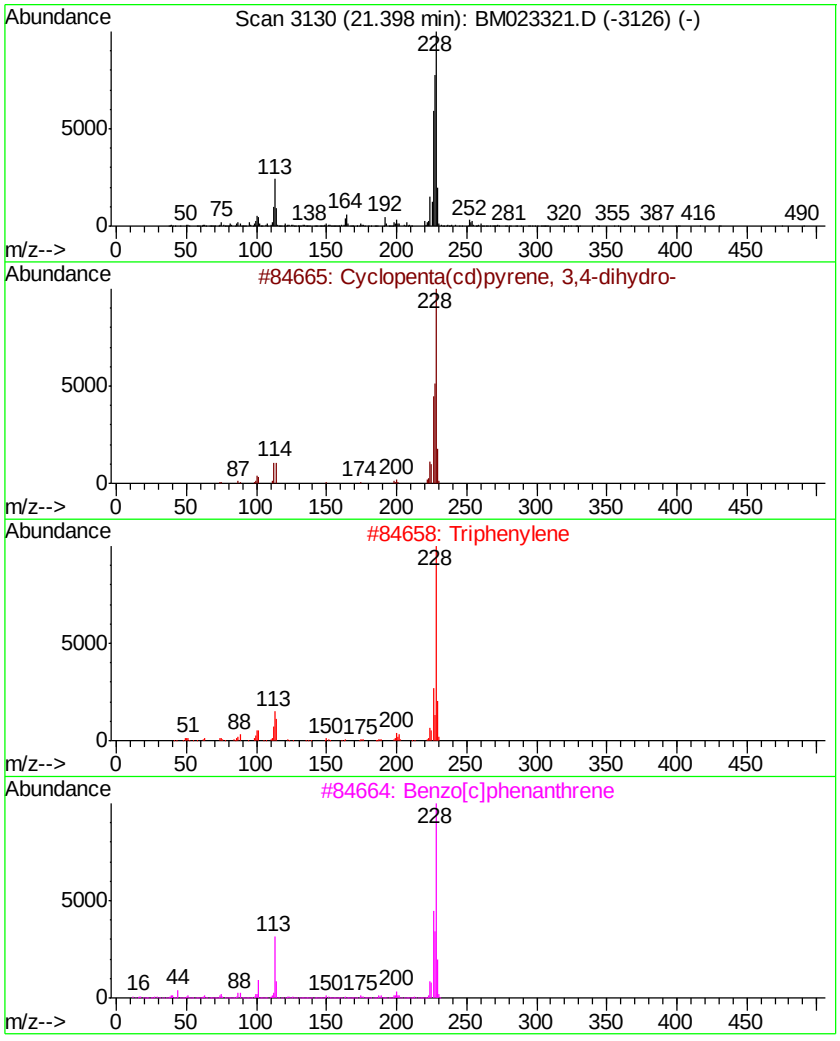
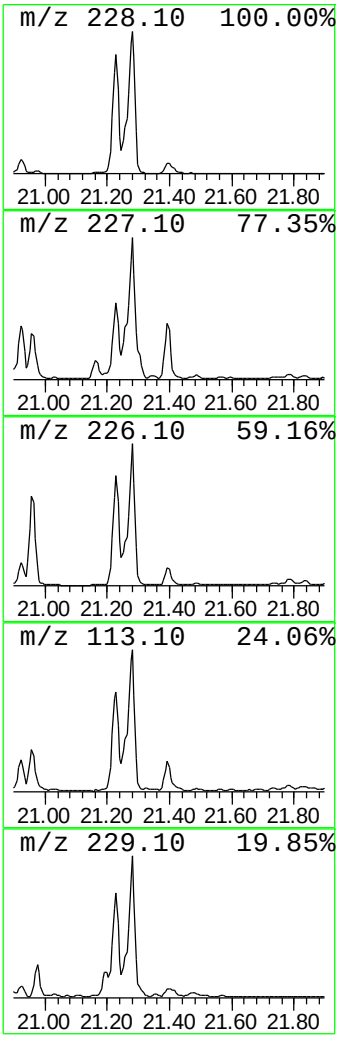
Peak Number 28 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	3.34 ng/ul	5644010	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2	Triphenylene	228	C18H12	000217-59-4	86
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	70
4	Triphenylene	228	C18H12	000217-59-4	50
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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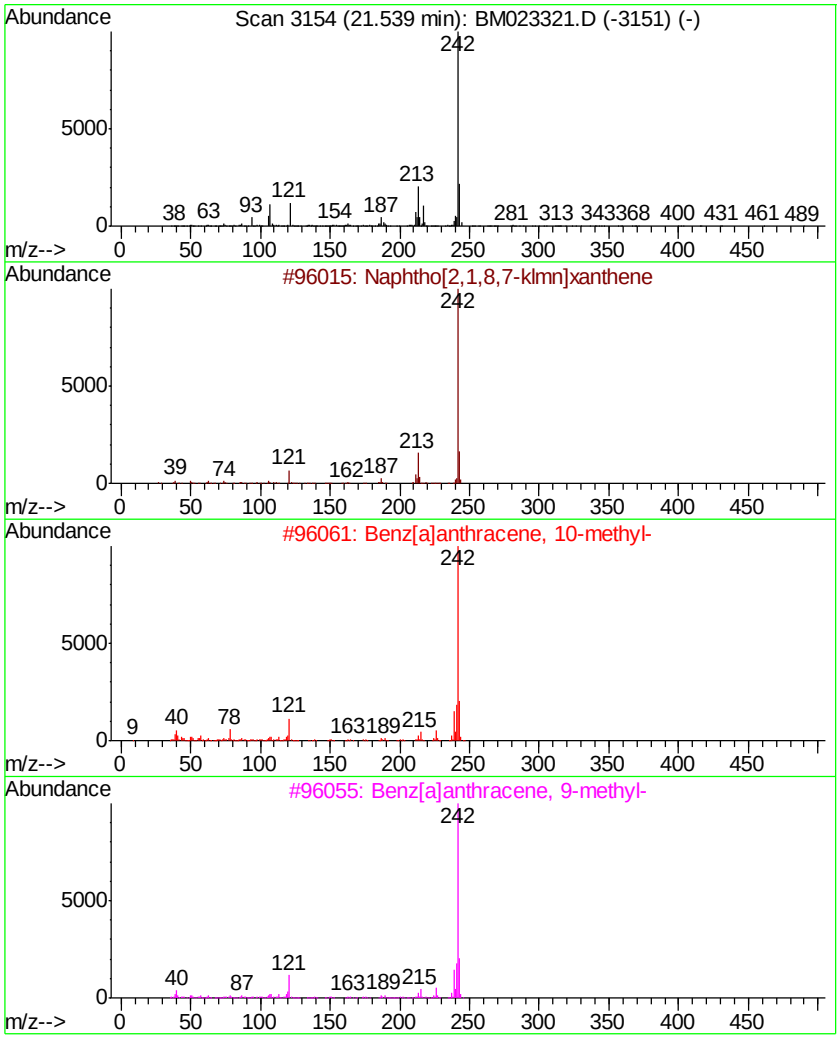
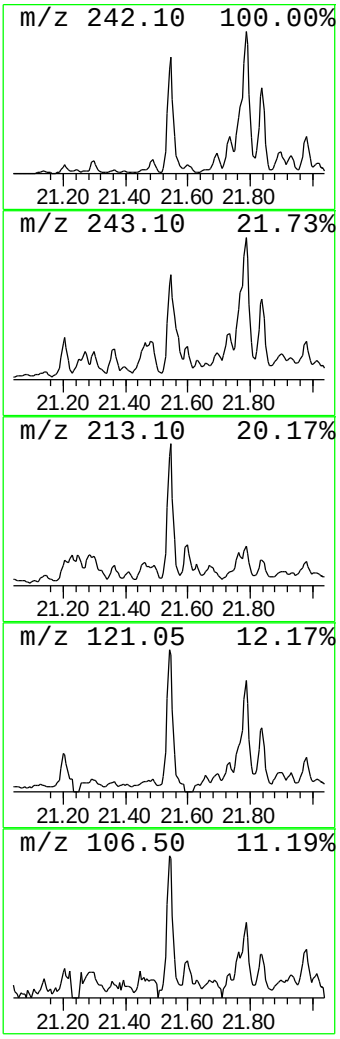
Peak Number 29 Naphtho[2,1,8,7-klmn]xanthene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	2.60 ng/ul	4388100	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1,8,7-klmn]xanthene	242	C18H10O	000191-37-7	93
2	Benz[a]anthracene, 10-methyl-	242	C19H14	002381-15-9	58
3	Benz[a]anthracene, 9-methyl-	242	C19H14	002381-16-0	58
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	53
5	Chrysene, 4-methyl-	242	C19H14	003351-30-2	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023321.D
Acq On : 22 Oct 2019 16:34
Operator : JU
Sample : K5345-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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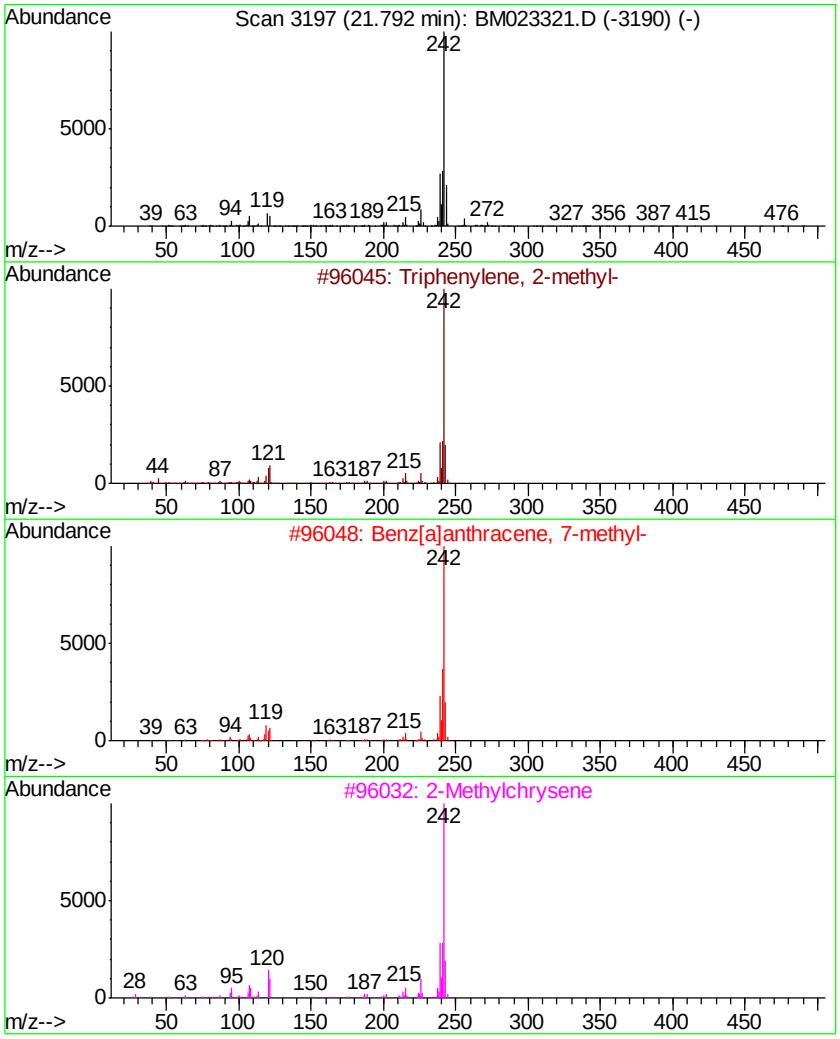
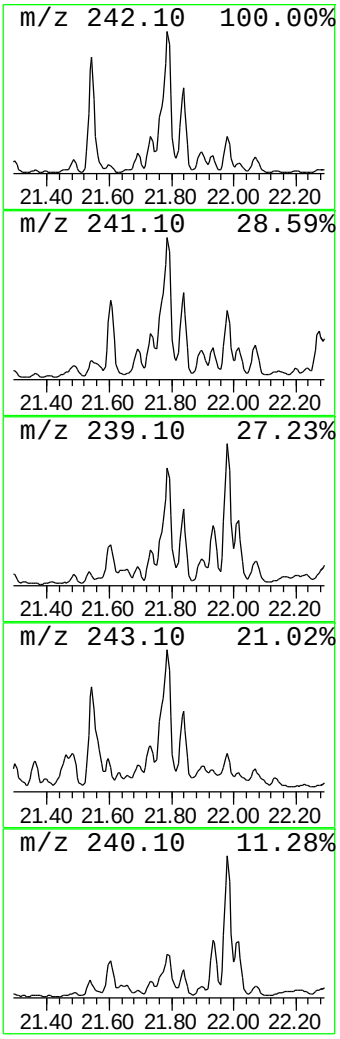
Peak Number 30 Triphenylene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.79	4.01 ng/ul	6762510	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
3	2-Methylchrysene	242	C19H14	003351-32-4	93
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023321.D
Acq On : 22 Oct 2019 16:34
Operator : JU
Sample : K5345-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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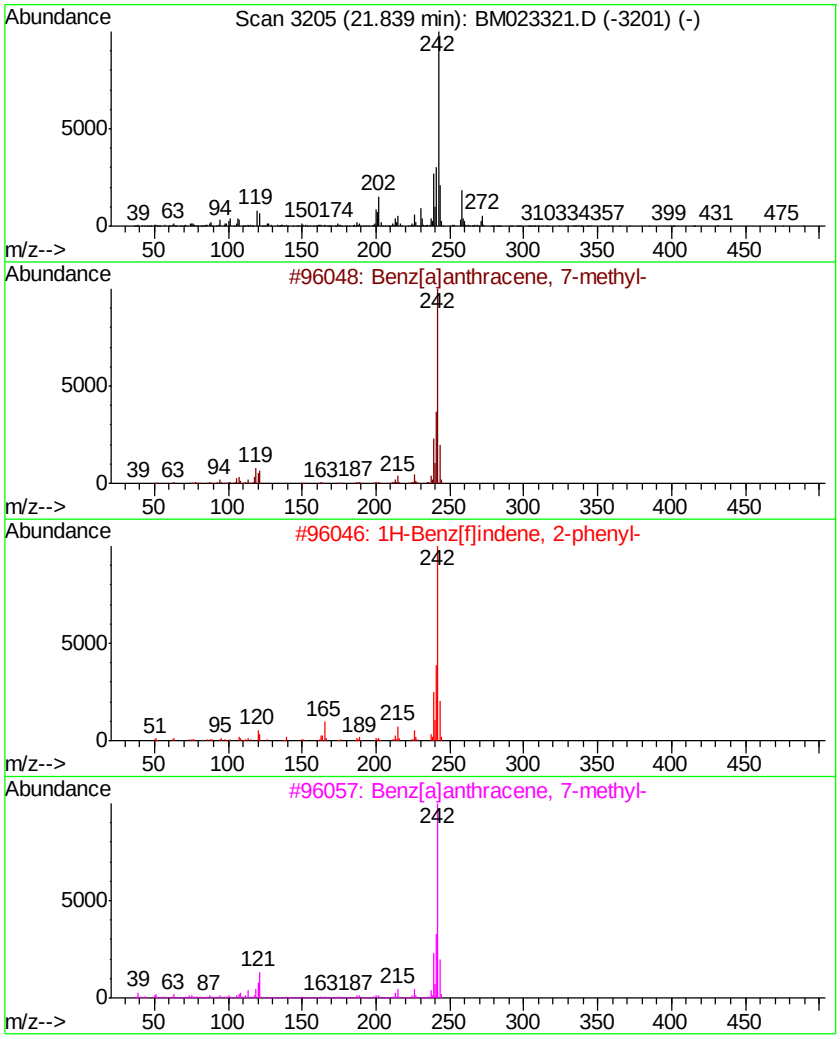
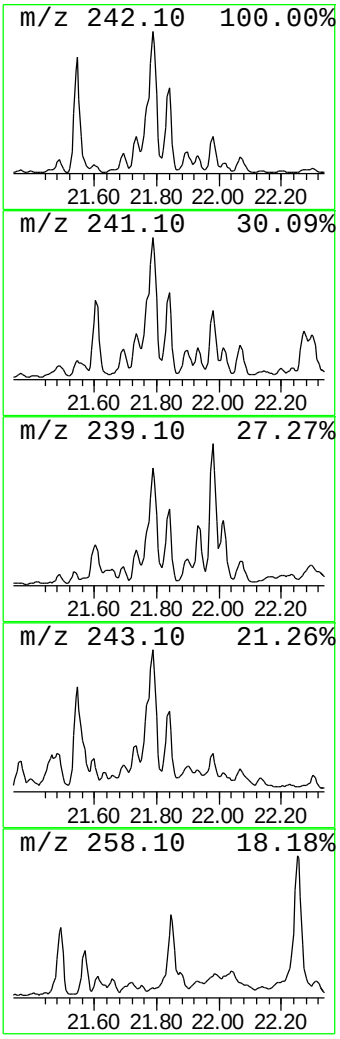
Peak Number 31 Benz[a]anthracene, 7-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	2.88 ng/ul	4854120	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	96
2	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	95
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	92
4	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	90
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102219\
Data File : BM023321.D
Acq On : 22 Oct 2019 16:34
Operator : JU
Sample : K5345-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-propynyl-	8.19	5.7	ng/ul	581505	1	7.65	2054270	20.0
1(2H)-Acenaphthyl...	16.02	6.5	ng/ul	1496830	4	17.04	4577790	20.0
9H-Fluoren-9-one	16.69	3.3	ng/ul	761457	4	17.04	4577790	20.0
2,4,6-Trimethoxyb...	16.78	2.4	ng/ul	537573	4	17.04	4577790	20.0
Acridine	17.23	2.2	ng/ul	506745	4	17.04	4577790	20.0
Dibenzo[a,e]cyclo...	17.57	2.6	ng/ul	586820	4	17.04	4577790	20.0
1,2-Acenaphthylen...	17.70	4.4	ng/ul	997354	4	17.04	4577790	20.0
Anthracene, 2-met...	17.92	3.3	ng/ul	756643	4	17.04	4577790	20.0
Phenanthrene, 2-m...	17.96	7.4	ng/ul	1690630	4	17.04	4577790	20.0
Phenanthrene, 1-m...	18.05	6.7	ng/ul	1534160	4	17.04	4577790	20.0
4H-Cyclopenta[def...	18.11	11.8	ng/ul	2689980	4	17.04	4577790	20.0
Anthracene, 9-met...	18.15	2.5	ng/ul	561298	4	17.04	4577790	20.0
Anthrone	18.30	3.1	ng/ul	721358	4	17.04	4577790	20.0
5,16[1',2']:8,13[...	18.42	5.0	ng/ul	1154730	4	17.04	4577790	20.0
9,10-Anthracenedione	18.46	7.1	ng/ul	1626950	4	17.04	4577790	20.0
Phenanthrene, 4,5...	18.67	2.9	ng/ul	669237	4	17.04	4577790	20.0
9,10-Dimethylanth...	18.85	6.7	ng/ul	1523770	4	17.04	4577790	20.0
Pyrene, 4,5,9,10-...	18.90	4.6	ng/ul	1049510	4	17.04	4577790	20.0
Cyclopenta(def)ph...	18.98	13.4	ng/ul	3060880	4	17.04	4577790	20.0
Pyrene, 1-methyl-	19.81	3.5	ng/ul	5950420	5	21.24	33752600	20.0
11H-Benzo[b]fluorene	19.97	6.6	ng/ul	11113400	5	21.24	33752600	20.0
11H-Benzo[a]fluorene	20.27	2.3	ng/ul	3806020	5	21.24	33752600	20.0
11H-Benzo[a]fluor...	20.72	2.9	ng/ul	4807400	5	21.24	33752600	20.0
Benzo[b]naphtho[2...	20.88	3.1	ng/ul	5322930	5	21.24	33752600	20.0
Triphenylene	20.92	2.5	ng/ul	4302220	5	21.24	33752600	20.0
Cyclopenta[cd]pyrene	20.96	5.8	ng/ul	9750000	5	21.24	33752600	20.0
Cyclopenta(cd)pyr...	21.40	3.3	ng/ul	5644010	5	21.24	33752600	20.0
Naphtho[2,1,8,7-k...	21.54	2.6	ng/ul	4388100	5	21.24	33752600	20.0
Triphenylene, 2-m...	21.79	4.0	ng/ul	6762510	5	21.24	33752600	20.0
Benz[a]anthracene...	21.84	2.9	ng/ul	4854120	5	21.24	33752600	20.0