LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011436.D
Acq On : 14 Aug 2020 21:12
Operator : CG/JU
Sample : L3631-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM7

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_N\METHODS\SOM-EPA-BN081420MA.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	6.640	612	621	633	rBV2	324482	604792	3.09%	0.269%
2	6.799	642	648	658	rBV	286509	443842	2.27%	0.197%
3	6.981	673	679	691	rBV	388806	617184	3.16%	0.274%
4	7.440	750	757	767	rBV	835606	1279004	6.54%	0.568%
5	8.152	871	878	887	rBV	415196	698390	3.57%	0.310%
6	8.575	944	950	960	rBV	338603	561706	2.87%	0.250%
7	9.287	1065	1071	1083	rBV	309064	495709	2.53%	0.220%
8	9.822	1155	1162	1173	rBV	465012	819251	4.19%	0.364%
9	10.181	1216	1223	1230	rBV	1061516	1766833	9.03%	0.785%
10	10.334	1242	1249	1262	rBV	355330	659311	3.37%	0.293%
11	13.492	1781	1786	1791	rVV	957899	1345671	6.88%	0.598%
12	13.757	1825	1831	1845	rVB	1044384	1660395	8.49%	0.738%
13	14.069	1878	1884	1890	rBV	1668970	2400444	12.27%	1.066%
14	14.134	1890	1895	1904	rVV	219589	325674	1.67%	0.145%
15	14.304	1917	1924	1933	rVV	249364	444551	2.27%	0.198%
16	14.475	1947	1953	1962	rVV	252982	405576	2.07%	0.180%
17	15.075	2049	2055	2060	rVV	1432774	1964492	10.04%	0.873%
18	15.128	2060	2064	2071	rVV	408707	590298	3.02%	0.262%
19	15.216	2074	2079	2083	rVV2	275811	434041	2.22%	0.193%
20	15.575	2135	2140	2148	rVV	228640	480930	2.46%	0.214%
21	16.486	2290	2295	2303	rVB	289036	488285	2.50%	0.217%
22	16.586	2303	2312	2316	rBV2	422690	836124	4.28%	0.371%
23	16.645	2316	2322	2327	rVB	457394	688900	3.52%	0.306%
24	16.828	2345	2353	2356	rBV	1891534	2813764	14.39%	1.250%
25	16.875	2356	2361	2366	rVV	11332725	14905813	76.22%	6.622%
26	16.927	2366	2370	2373	rVV	1771524	2637738	13.49%	1.172%
27	16.963	2373	2376	2382	rVV	2251351	2869925	14.67%	1.275%
28	17.022	2382	2386	2392	rVB2	331934	491456	2.51%	0.218%
29	17.210	2412	2418	2419	rBV	310343	421610	2.16%	0.187%
30	17.233	2419	2422	2427	rVV	1214751	1669862	8.54%	0.742%
31	17.357	2439	2443	2448	rVV3	171199	319041	1.63%	0.142%
32	17.410	2448	2452	2456	rVV4	202965	315637	1.61%	0.140%
33	17.704	2493	2502	2506	rBV	1713854	2416371	12.36%	1.074%
34	17.751	2506	2510	2518	rVB	2584226	3659855	18.71%	1.626%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011436.D
Acq On : 14 Aug 2020 21:12
Operator : CG/JU
Sample : L3631-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM7

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_N\METHODS\SOM-EPA-BN081420MA.M
Title : SVOA CALIBRATION

35	17.833	2518	2524	2529	rBV	1058874	1476303	7.55%	0.656%
36	17.892	2529	2534	2539	rBV2	1774383	3468310	17.73%	1.541%
37	17.933	2539	2541	2549	rVV	1203838	1472596	7.53%	0.654%
38	18.010	2550	2554	2558	rVV	212340	342894	1.75%	0.152%
39	18.057	2558	2562	2566	rVV2	302732	429305	2.20%	0.191%
40	18.216	2584	2589	2592	rVV	1163884	1563338	7.99%	0.695%
41	18.251	2592	2595	2600	rVB	508613	635274	3.25%	0.282%
42	18.463	2627	2631	2636	rVV3	428492	646840	3.31%	0.287%
43	18.516	2636	2640	2643	rVV	404776	510383	2.61%	0.227%
44	18.557	2643	2647	2651	rVB	466562	624113	3.19%	0.277%
45	18.639	2655	2661	2666	rVV	824429	1583753	8.10%	0.704%
46	18.704	2666	2672	2674	rVV3	554679	1048946	5.36%	0.466%
47	18.727	2674	2676	2680	rVV	435386	546163	2.79%	0.243%
48	18.774	2680	2684	2693	rVB2	792810	1499811	7.67%	0.666%
49	18.904	2700	2706	2714	rVB	14291362	19557154	100.00%	8.689%
50	18.974	2714	2718	2720	rBV	252671	312735	1.60%	0.139%
51	19.004	2720	2723	2728	rVB3	301252	436532	2.23%	0.194%
52	19.145	2735	2747	2752	rBV4	489353	1552730	7.94%	0.690%
53	19.239	2758	2763	2765	rBV2	4390048	6409818	32.77%	2.848%
54	19.269	2765	2768	2777	rVV	11902264	15808787	80.83%	7.024%
55	19.339	2777	2780	2789	rVB2	874838	1511951	7.73%	0.672%
56	19.451	2794	2799	2805	rBV	1224910	1591344	8.14%	0.707%
57	19.510	2805	2809	2815	rVB	801786	1218114	6.23%	0.541%
58	19.610	2816	2826	2831	rBV2	1202061	3323496	16.99%	1.477%
59	19.739	2842	2848	2849	rBV4	893873	1443584	7.38%	0.641%
60	19.774	2849	2854	2858	rVB	2443429	3912568	20.01%	1.738%
61	19.821	2858	2862	2866	rBV3	225843	375788	1.92%	0.167%
62	19.874	2866	2871	2874	rBV	1158996	1387762	7.10%	0.617%
63	19.927	2874	2880	2885	rBV2	1998392	3003159	15.36%	1.334%
64	19.974	2885	2888	2891	rVB	345137	417144	2.13%	0.185%
65	20.016	2891	2895	2899	rBV2	355502	458365	2.34%	0.204%
66	20.069	2900	2904	2908	rBV	1016367	1241618	6.35%	0.552%
67	20.116	2908	2912	2917	rBV2	1183673	1718884	8.79%	0.764%
68	20.216	2926	2929	2937	rVB5	259811	606607	3.10%	0.270%
69	20.339	2945	2950	2951	rBV2	399899	569285	2.91%	0.253%
70	20.369	2952	2955	2958	rVV4	590255	1019653	5.21%	0.453%
71	20.410	2959	2962	2965	rVV2	636846	915575	4.68%	0.407%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011436.D
Acq On : 14 Aug 2020 21:12
Operator : CG/JU
Sample : L3631-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM7

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_N\METHODS\SOM-EPA-BN081420MA.M
Title : SVOA CALIBRATION

72	20.439	2965	2967	2971	rVB3	253327	295748	1.51%	0.131%
73	20.492	2972	2976	2978	rVV3	290817	483855	2.47%	0.215%
74	20.527	2978	2982	2988	rVB	1392099	2122875	10.85%	0.943%
75	20.686	3003	3009	3013	rBV2	1137354	2097350	10.72%	0.932%
76	20.727	3013	3016	3020	rVB	1347852	1518146	7.76%	0.674%
77	20.827	3029	3033	3043	rVB2	1437099	2303925	11.78%	1.024%
78	20.927	3044	3050	3059	rBV3	405404	1271522	6.50%	0.565%
79	21.039	3059	3069	3073	rBV3	9290662	16684429	85.31%	7.413%
80	21.086	3073	3077	3087	rVB	8345870	11355875	58.07%	5.045%
81	21.198	3093	3096	3099	rBV	363562	475285	2.43%	0.211%
82	21.363	3119	3124	3128	rBV3	863361	1450656	7.42%	0.644%
83	21.404	3128	3131	3135	rVB4	358608	434489	2.22%	0.193%
84	21.533	3150	3153	3156	rBV	363505	389904	1.99%	0.173%
85	21.586	3156	3162	3166	rVV	2082625	2792703	14.28%	1.241%
86	21.633	3167	3170	3175	rVB	988800	1256229	6.42%	0.558%
87	21.768	3190	3193	3196	rBV	751818	974744	4.98%	0.433%
88	21.804	3196	3199	3204	rVB4	671780	892102	4.56%	0.396%
89	21.868	3206	3210	3219	rVB4	611217	1020808	5.22%	0.454%
90	22.039	3236	3239	3242	rBV2	246046	328193	1.68%	0.146%
91	22.551	3318	3326	3329	rBV	5300015	11311365	57.84%	5.025%
92	22.698	3347	3351	3356	rVB	900413	1308899	6.69%	0.582%
93	22.821	3368	3372	3375	rBV2	435559	764229	3.91%	0.340%
94	22.980	3394	3399	3404	rBV	2363863	4322755	22.10%	1.921%
95	23.027	3404	3407	3410	rVV	1166643	1764374	9.02%	0.784%
96	23.074	3410	3415	3421	rVB	4305147	7326638	37.46%	3.255%
97	23.157	3424	3429	3434	rBV2	1795047	3327391	17.01%	1.478%
98	23.204	3434	3437	3445	rVB2	1054879	2051054	10.49%	0.911%
99	25.215	3772	3779	3789	rVB	1979606	4887815	24.99%	2.172%
100	25.845	3878	3886	3897	rVB2	989946	2696927	13.79%	1.198%

Sum of corrected areas: 225083442

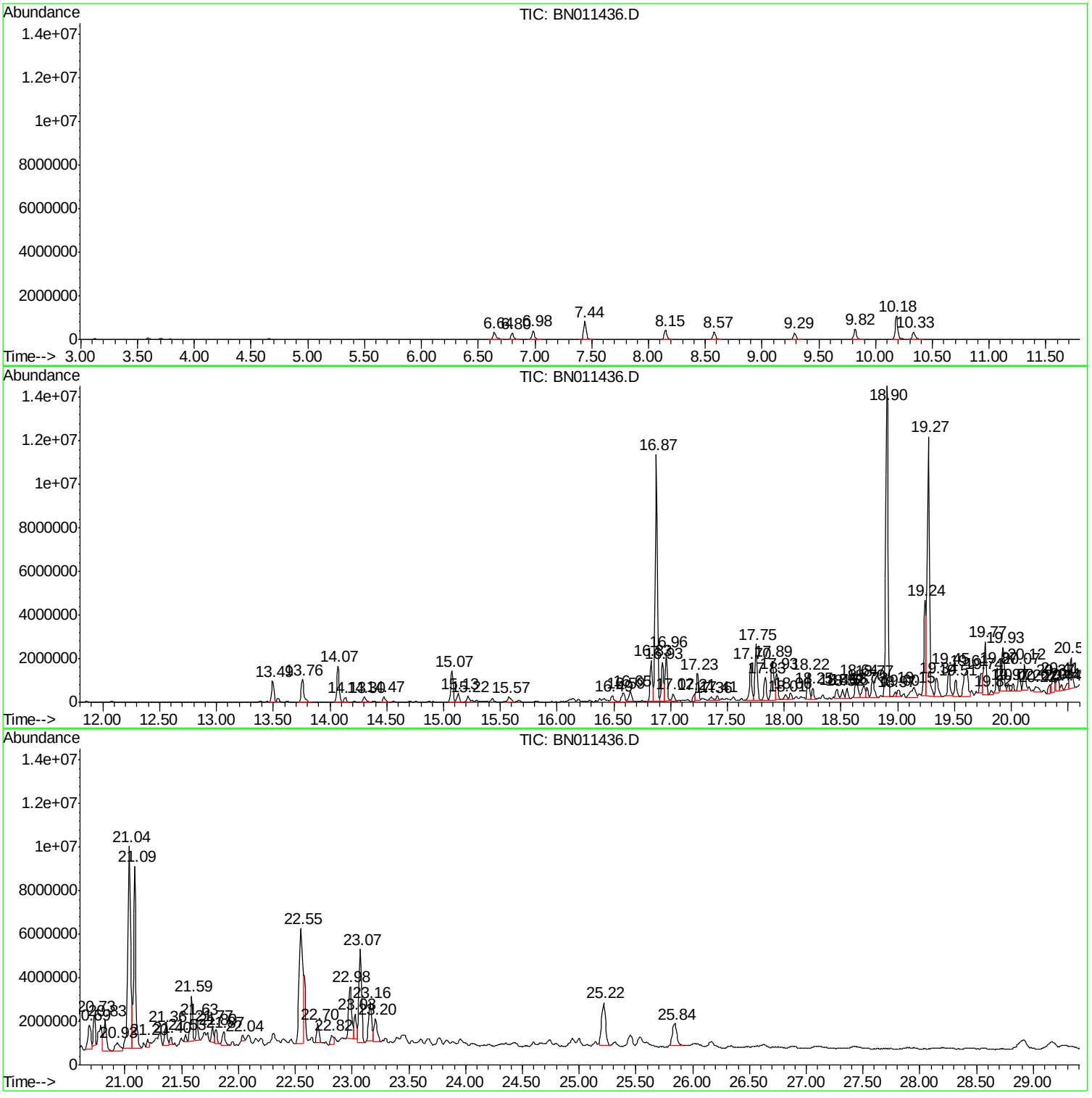
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011436.D
Acq On : 14 Aug 2020 21:12
Operator : CG/JU
Sample : L3631-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFMM7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011436.D
Acq On : 14 Aug 2020 21:12
Operator : CG/JU
Sample : L3631-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

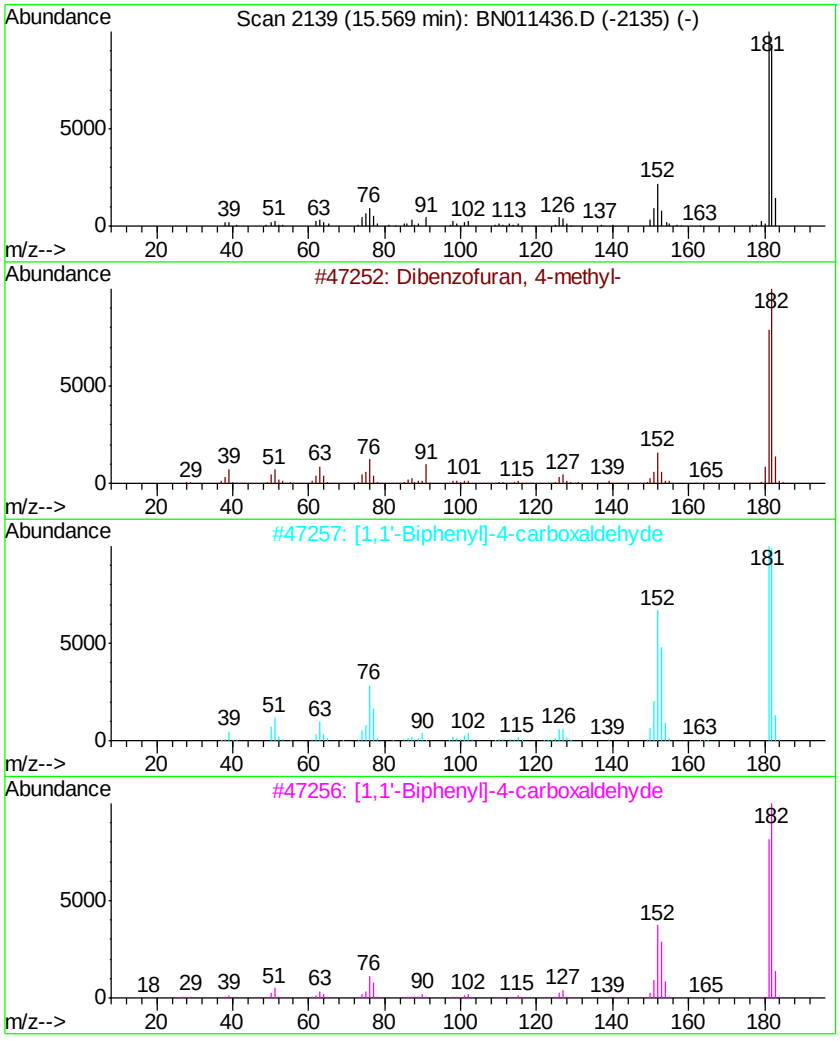
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

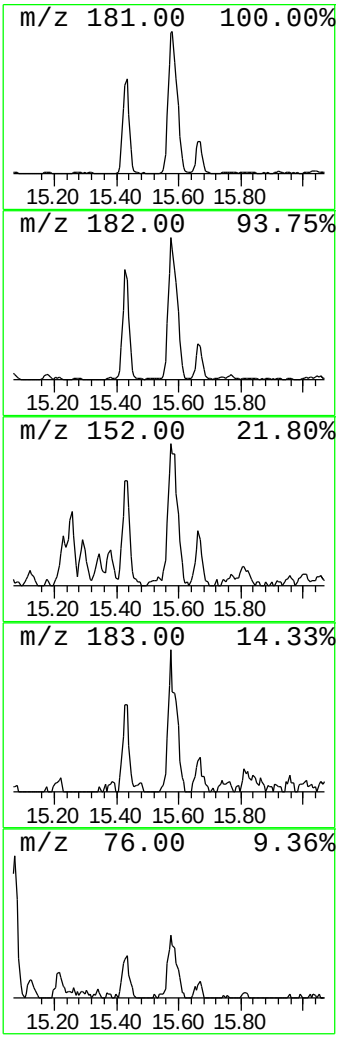
****

Peak Number 1 Dibenzofuran, 4-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	3.42 ng/ul	480930	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011436.D
Acq On : 14 Aug 2020 21:12
Operator : CG/JU
Sample : L3631-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

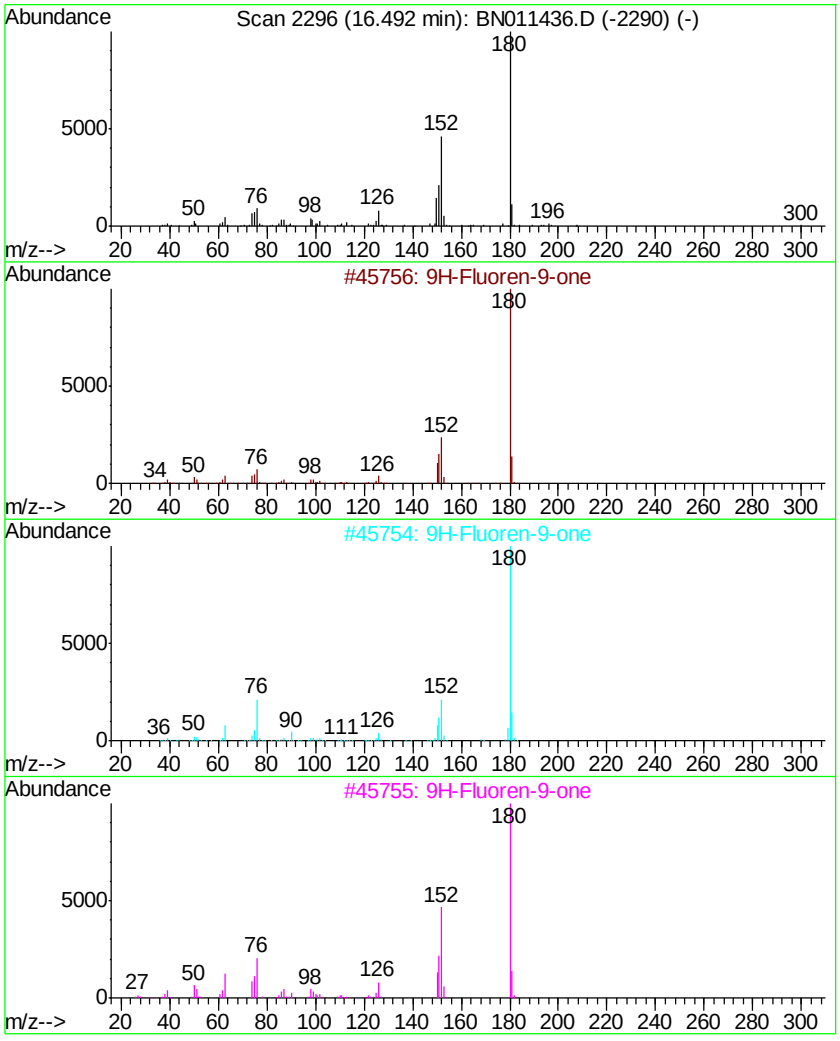
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

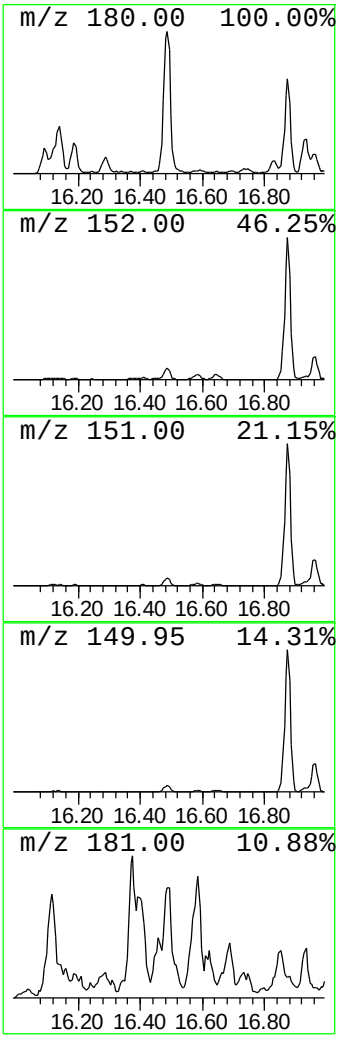
****

Peak Number 2 9H-Fluoren-9-one Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	3.47 ng/ul	488285	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	78
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011436.D
Acq On : 14 Aug 2020 21:12
Operator : CG/JU
Sample : L3631-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

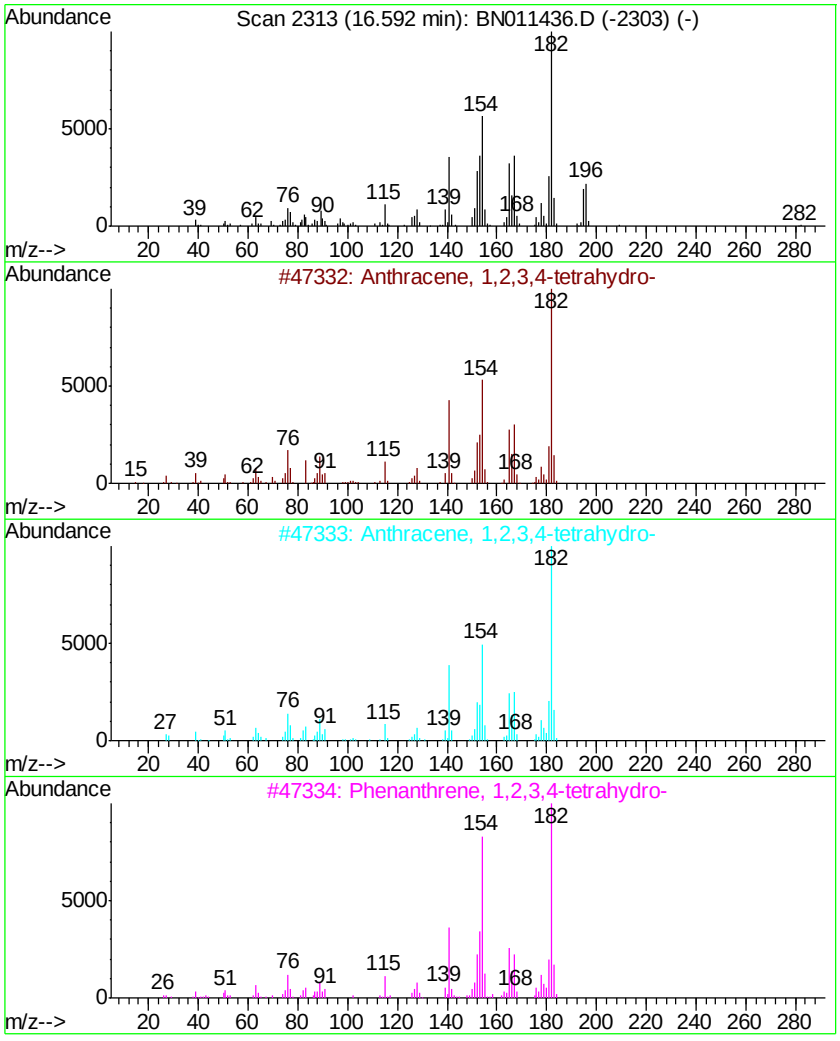
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

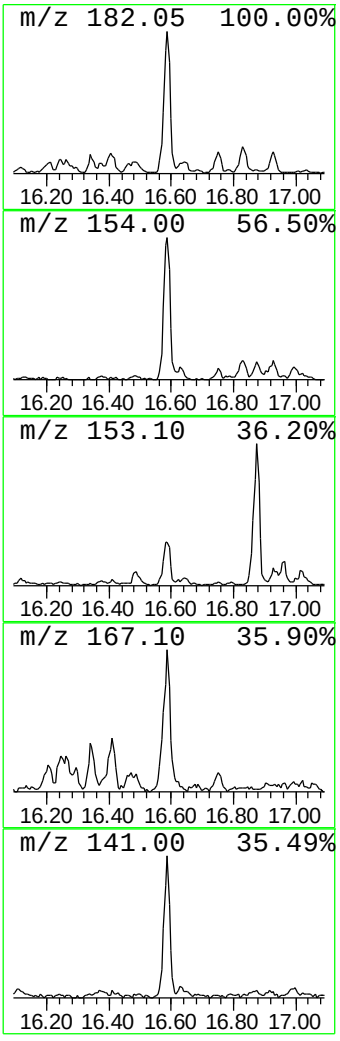
****

Peak Number 3 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	5.94 ng/ul	836124	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	96
2	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	89
3	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	60
4	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	60
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	55





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011436.D
Acq On : 14 Aug 2020 21:12
Operator : CG/JU
Sample : L3631-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

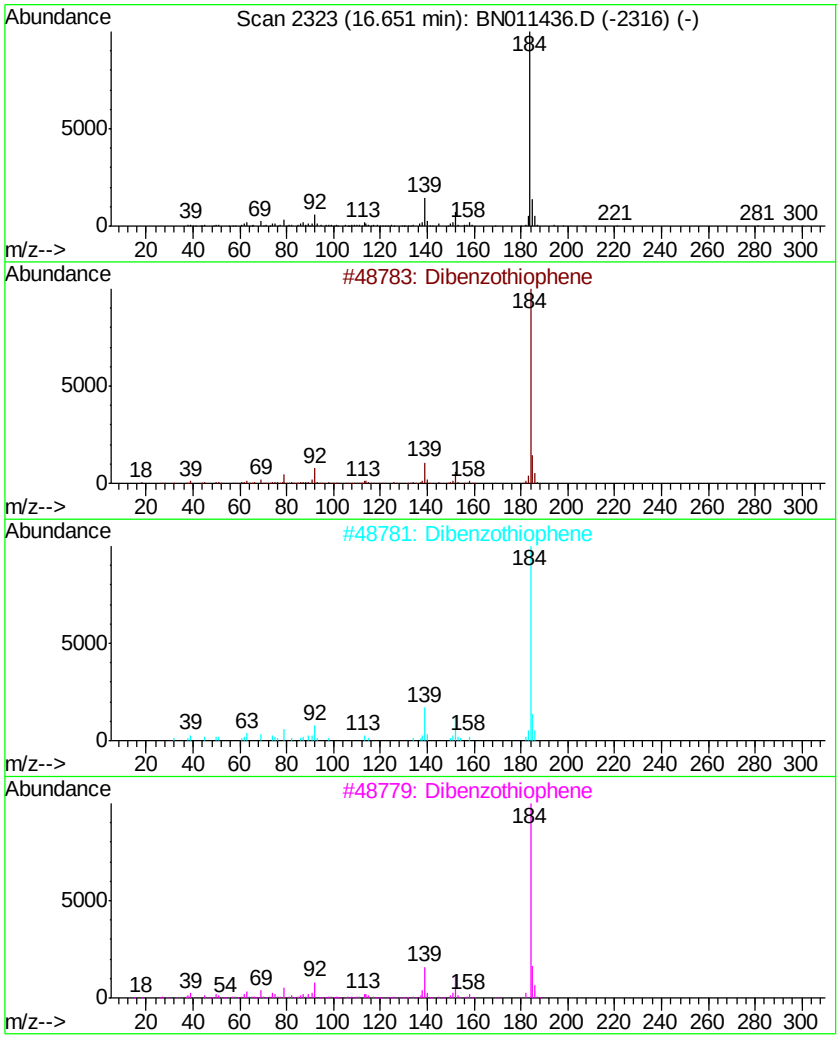
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

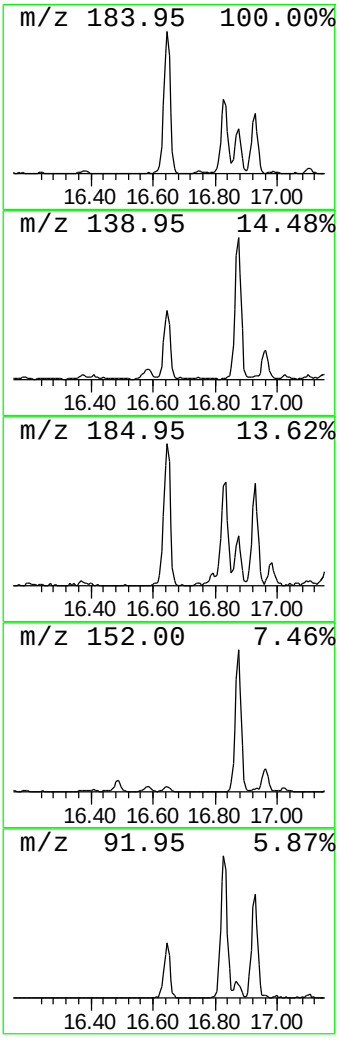
****

Peak Number 4 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	4.90 ng/ul	688900	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011436.D
Acq On : 14 Aug 2020 21:12
Operator : CG/JU
Sample : L3631-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

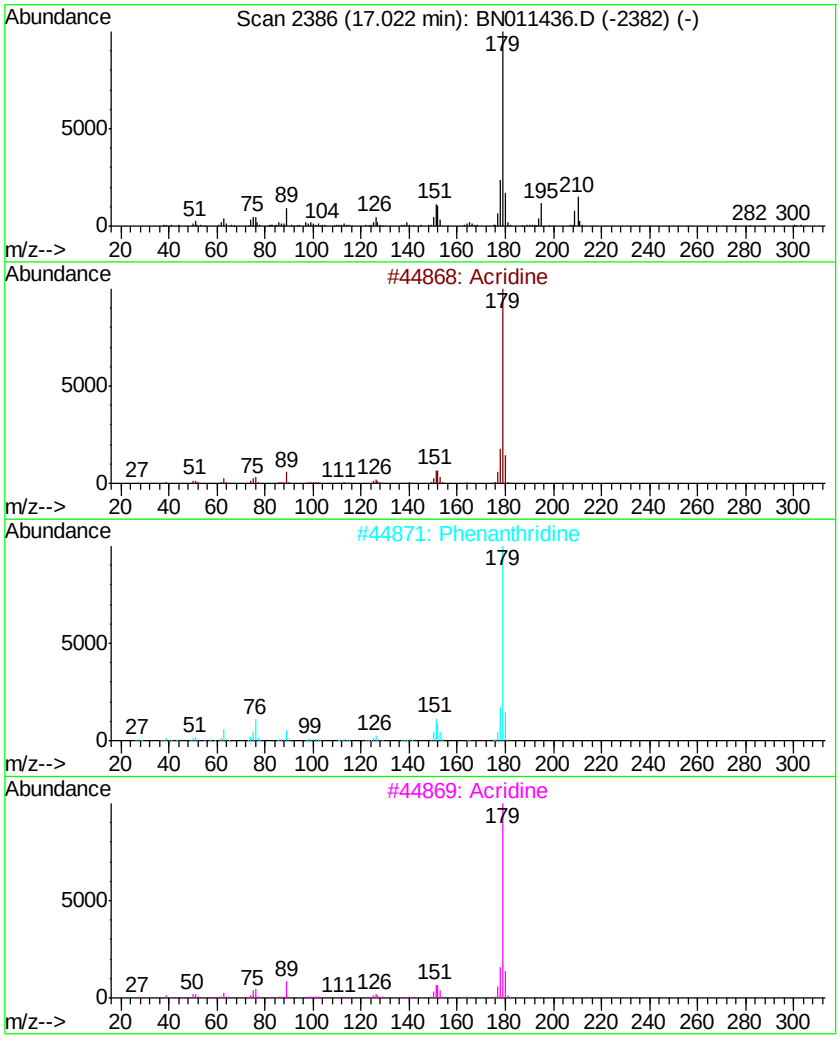
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

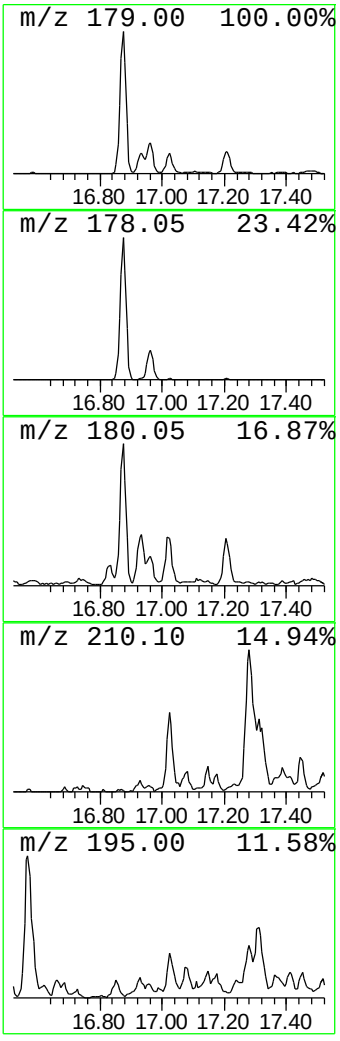
****

Peak Number 5 Acridine Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	3.49 ng/ul	491456	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	93
2	Phenanthridine	179	C13H9N	000229-87-8	90
3	Acridine	179	C13H9N	000260-94-6	90
4	Acridine	179	C13H9N	000260-94-6	90
5	Benzo[f]quinoline	179	C13H9N	000085-02-9	90





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Acq On : 14 Aug 2020 21:12
Operator : CG/JU
Sample : L3631-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM7

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Quant Title : SVOA CALIBRATION

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

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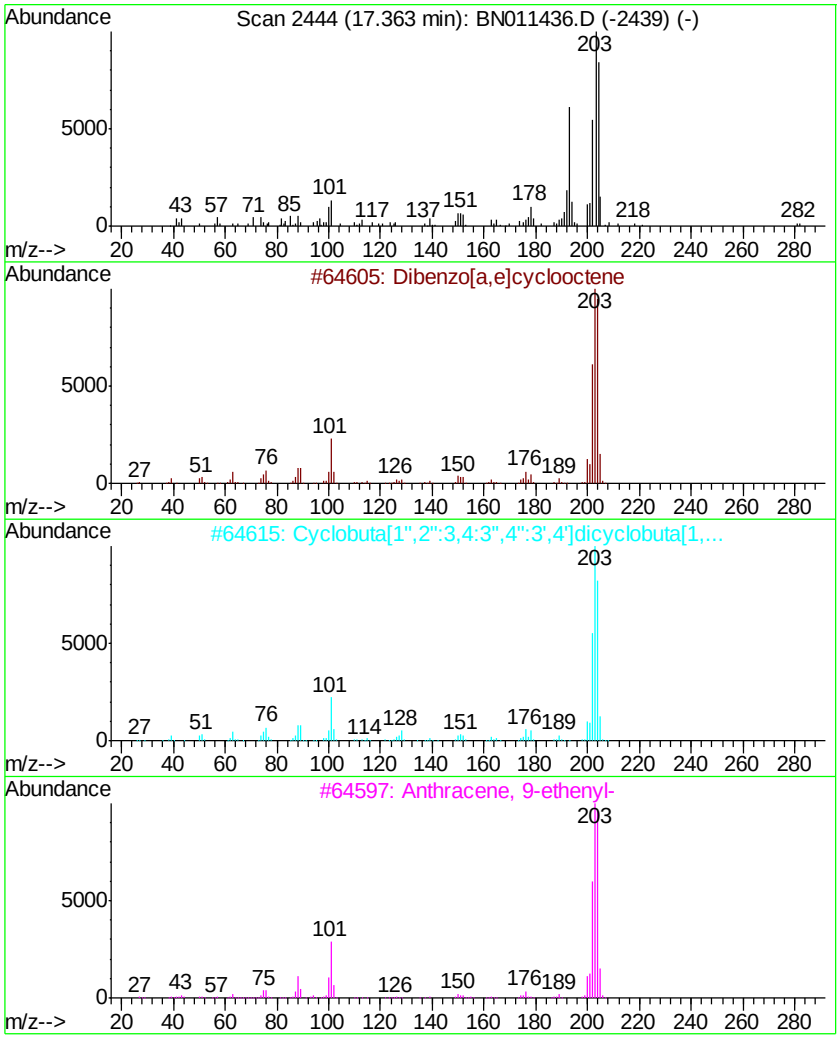
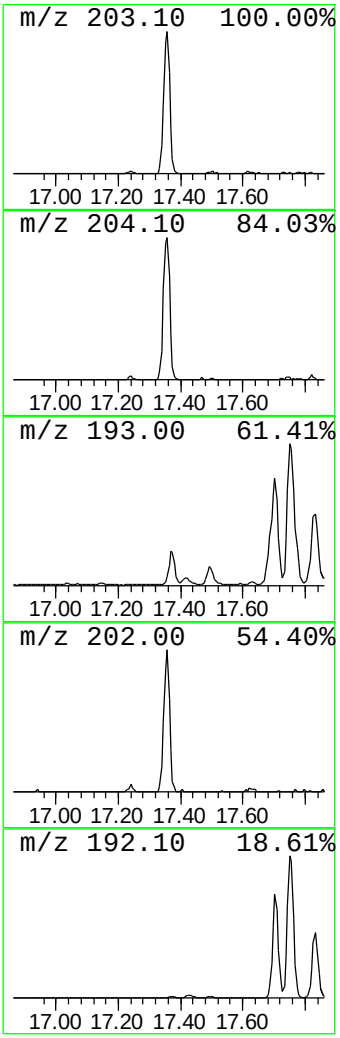
Peak Number 6 Dibenzo[a,e]cyclooctene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	2.27 ng/ul	319041	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	86
2	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	70
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	70
4	Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	64
5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	58





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Operator : CG/JU
Sample : L3631-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM7

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Quant Title : SVOA CALIBRATION

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

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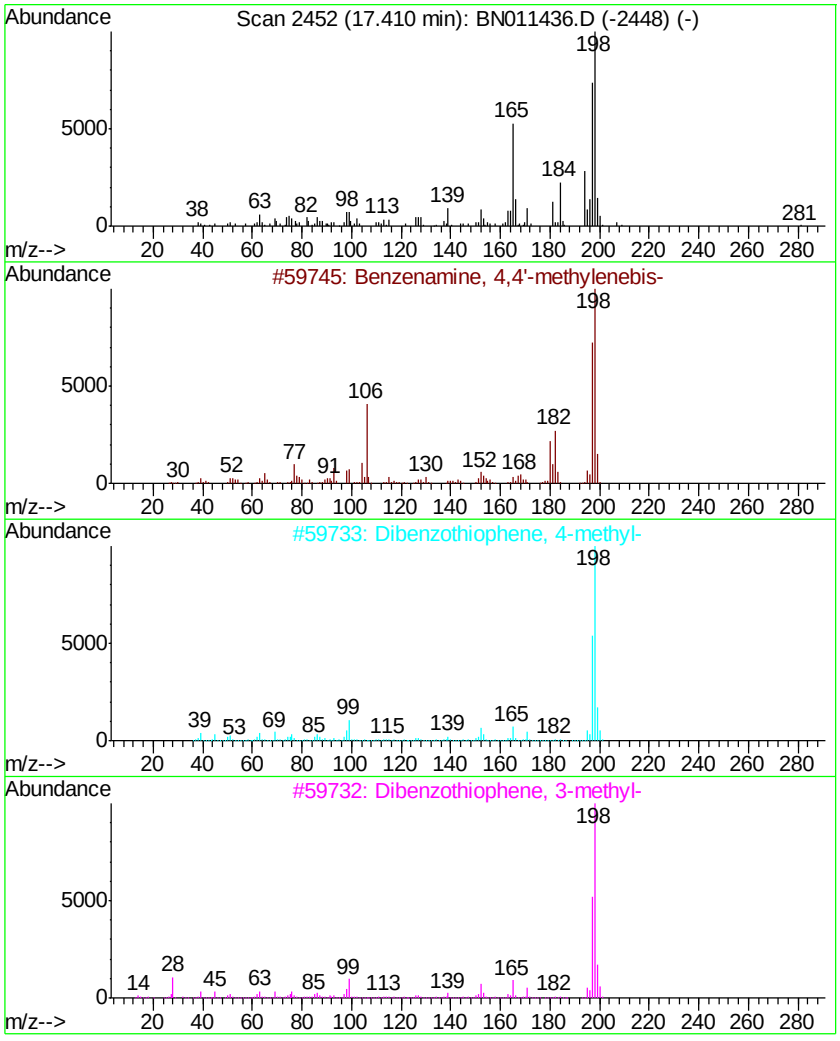
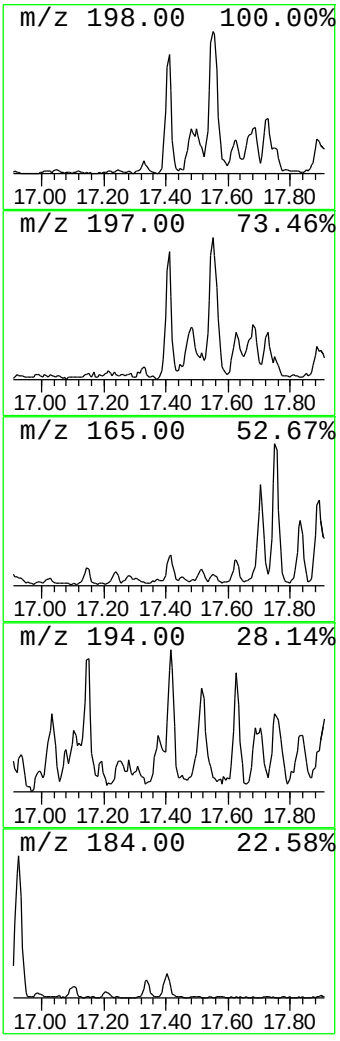
Peak Number 7 Benzenamine, 4,4'-methylene... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	2.24 ng/ul	315637	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	60
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	58
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	58
4	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	53
5	Tacrine	198	C13H14N2	000321-64-2	49





Library Search Compound Report

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Operator : CG/JU
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Misc :
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Instrument : BNA_N
ClientSampleId : BFMM7

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Quant Title : SVOA CALIBRATION

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

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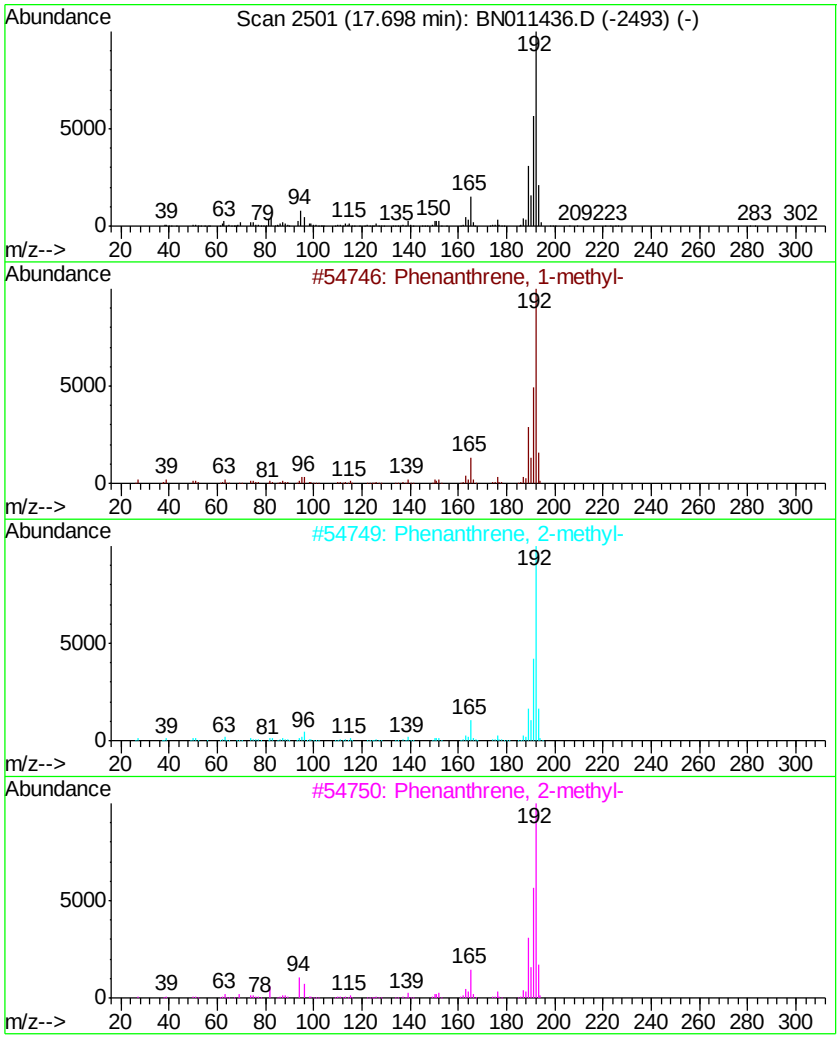
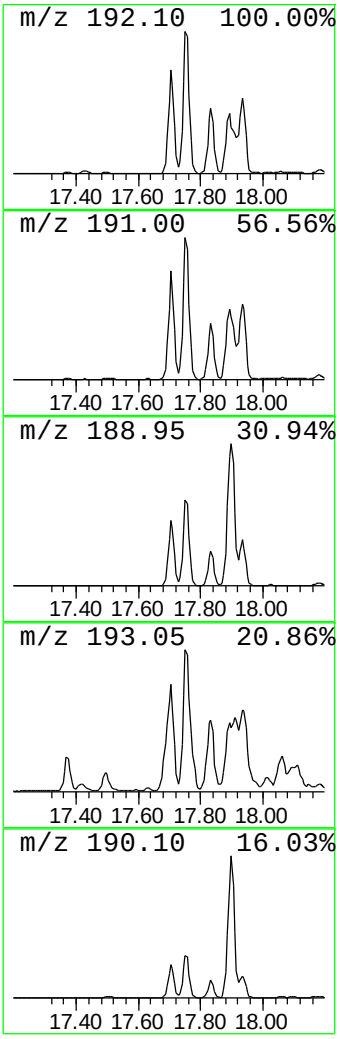
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	17.18 ng/ul	2416370	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
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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Sample : L3631-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM7

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Quant Title : SVOA CALIBRATION

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

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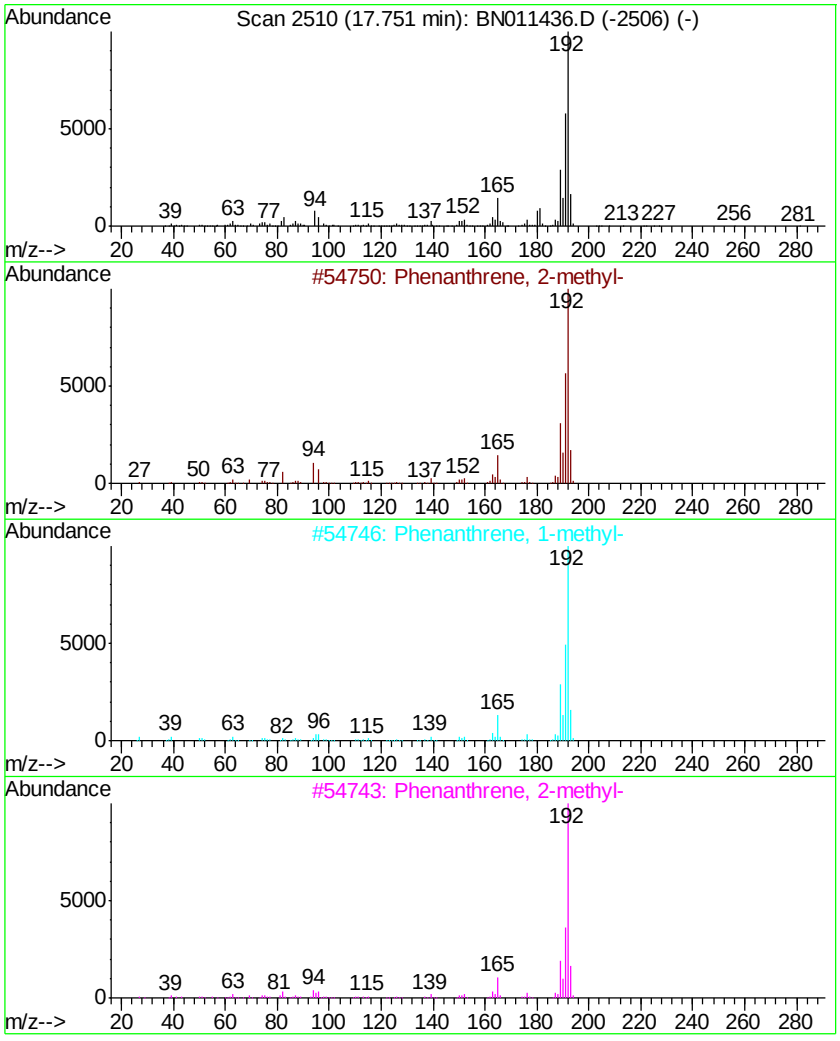
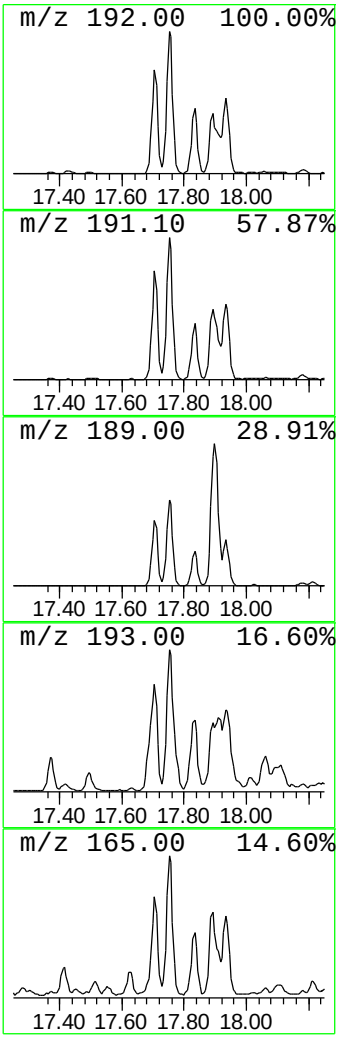
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	26.01 ng/ul	3659860	Phenanthrene-d10	16.83

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	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Operator : CG/JU
Sample : L3631-11
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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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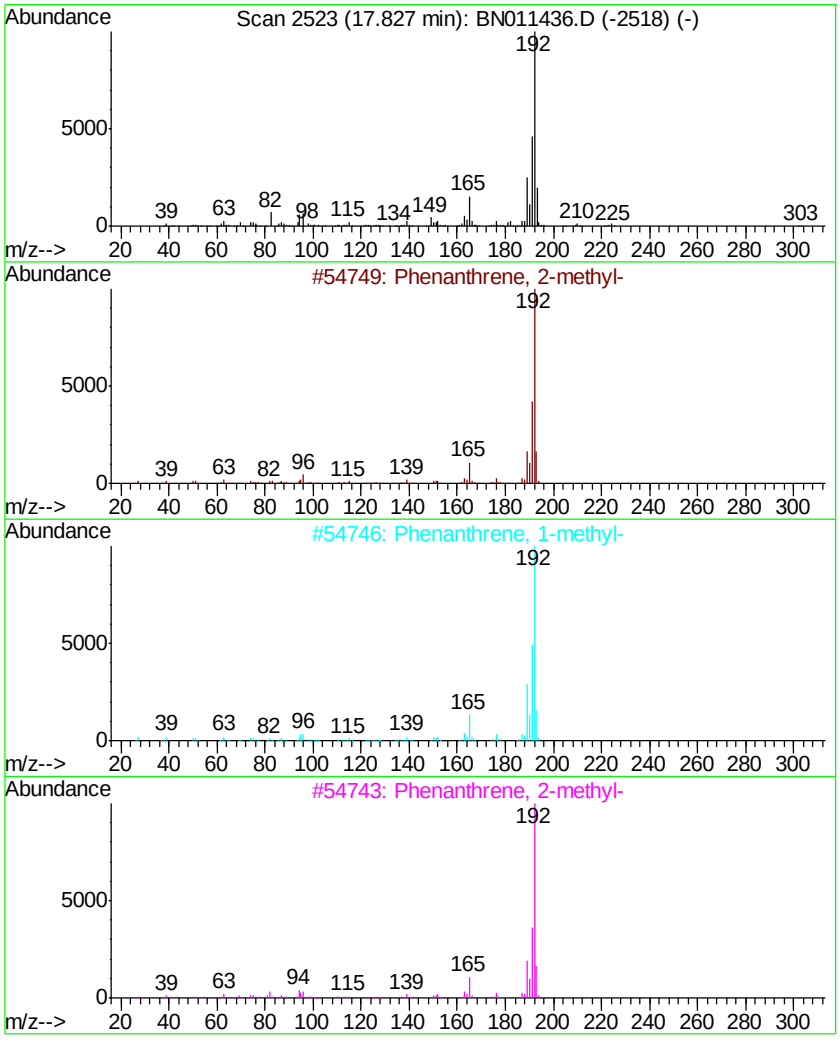
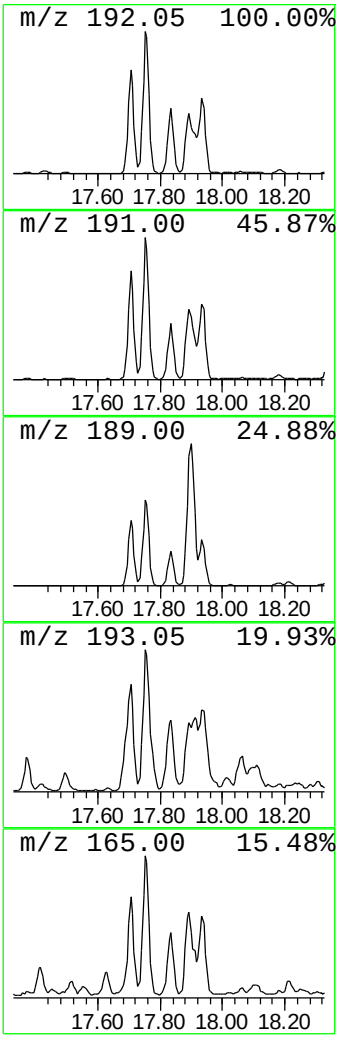
Peak Number 10 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	10.49 ng/ul	1476300	Phenanthrene-d10	16.83

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, 1-methyl-	192	C15H12	000832-69-9	96





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Sample : L3631-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM7

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Quant Title : SVOA CALIBRATION

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

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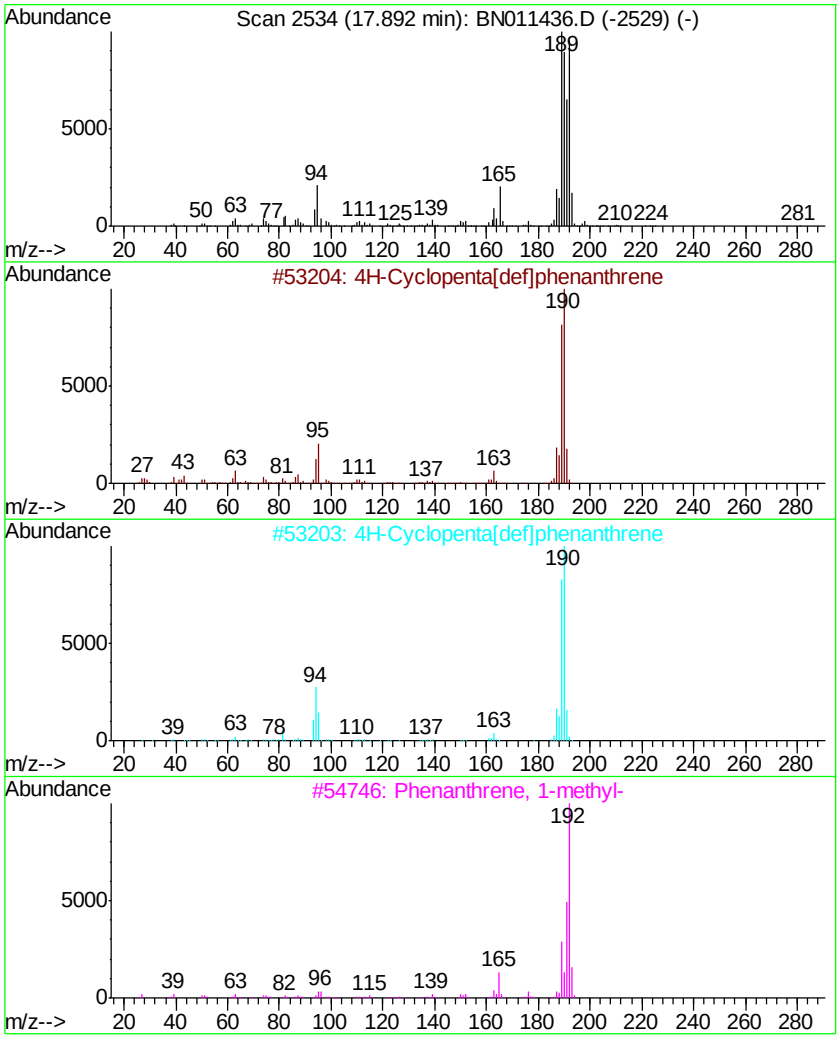
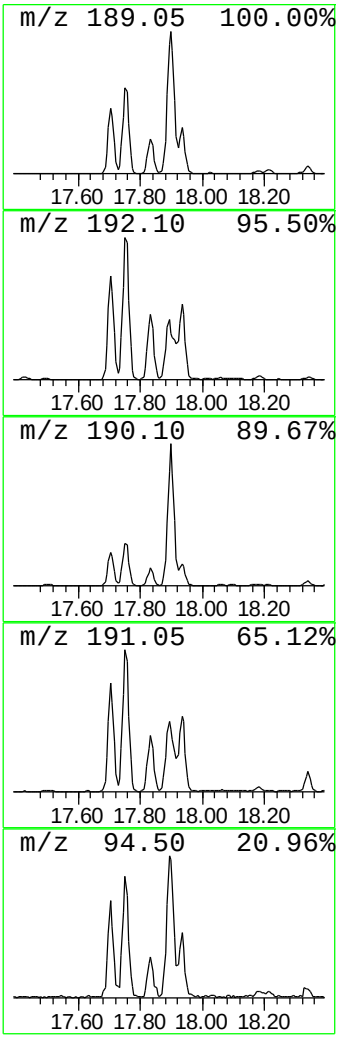
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	24.65 ng/ul	3468310	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42





Library Search Compound Report

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Sample : L3631-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM7

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Quant Title : SVOA CALIBRATION

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

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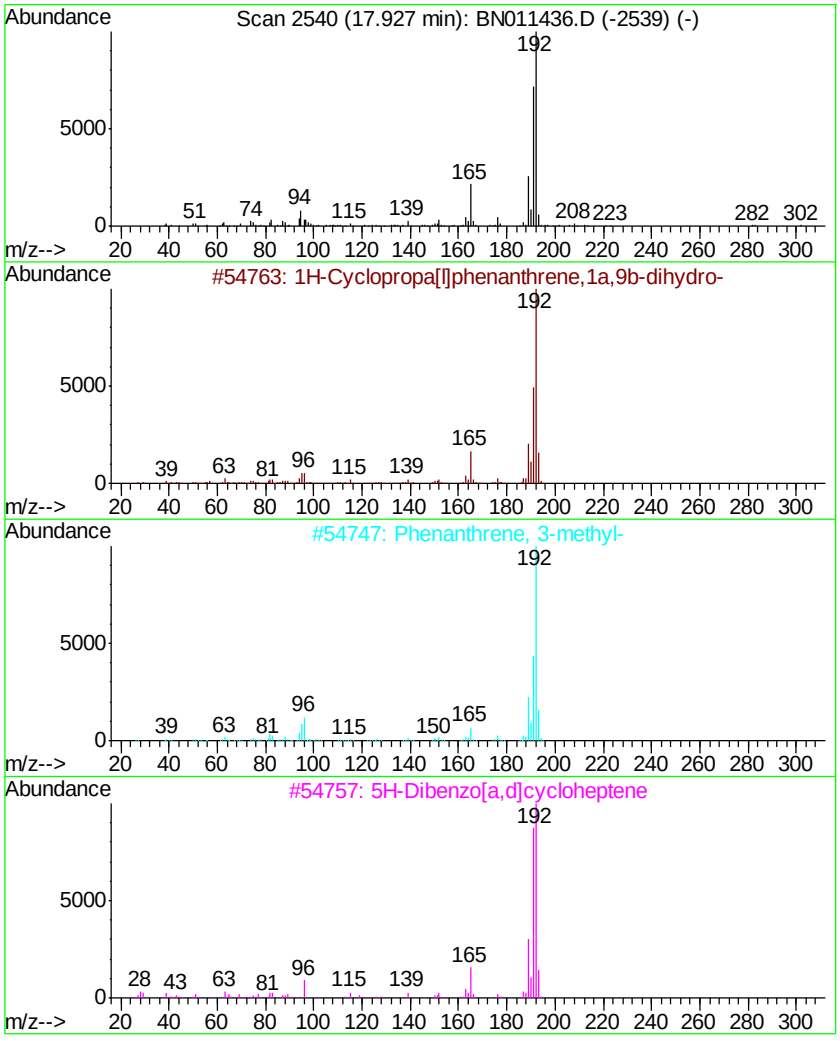
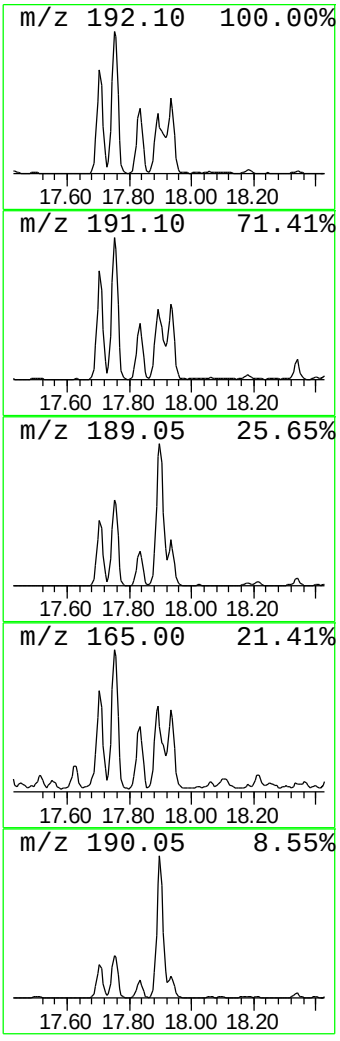
Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	10.47 ng/ul	1472600	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	81
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76





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Misc :
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Instrument : BNA_N
ClientSampleId : BFMM7

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Quant Title : SVOA CALIBRATION

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

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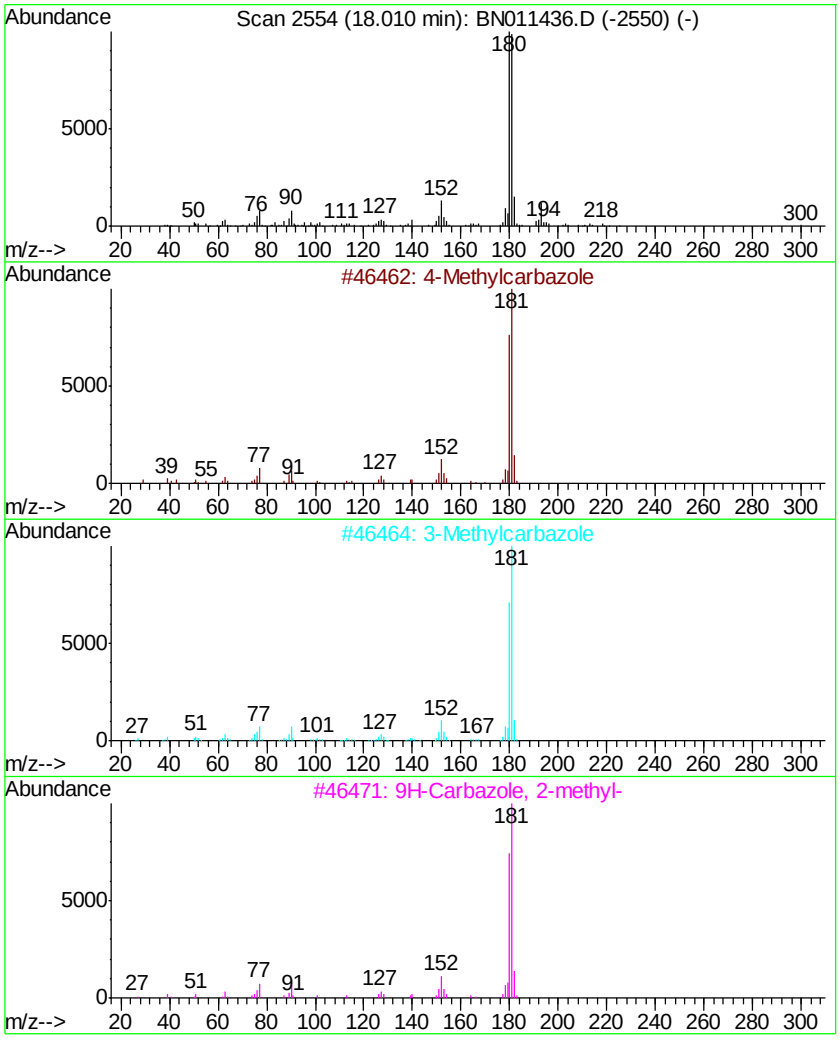
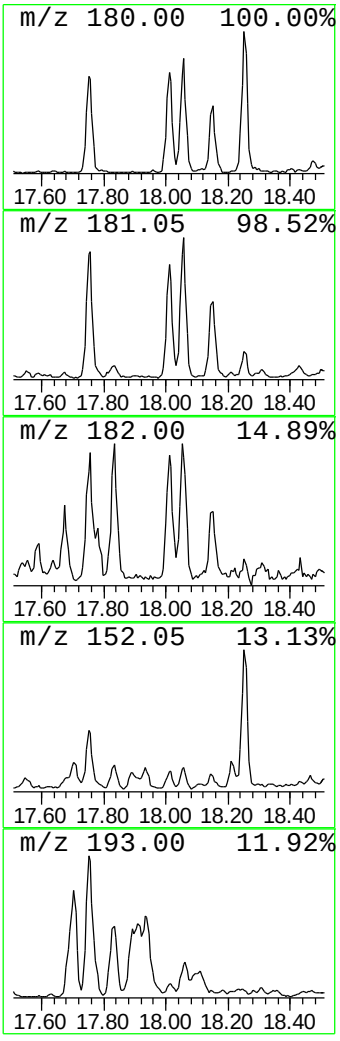
Peak Number 13 4-Methylcarbazole Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	2.44 ng/ul	342894	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylcarbazole	181	C13H11N	003770-48-7	96
2	3-Methylcarbazole	181	C13H11N	004630-20-0	96
3	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	95
4	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	94
5	1-Methylcarbazole	181	C13H11N	006510-65-2	93





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM7

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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 9H-Carbazole, 2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	3.05 ng/ul	429305	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	92
2	3-Methylcarbazole	181	C13H11N	004630-20-0	91
3	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	90
4	3-Methylcarbazole	181	C13H11N	004630-20-0	90
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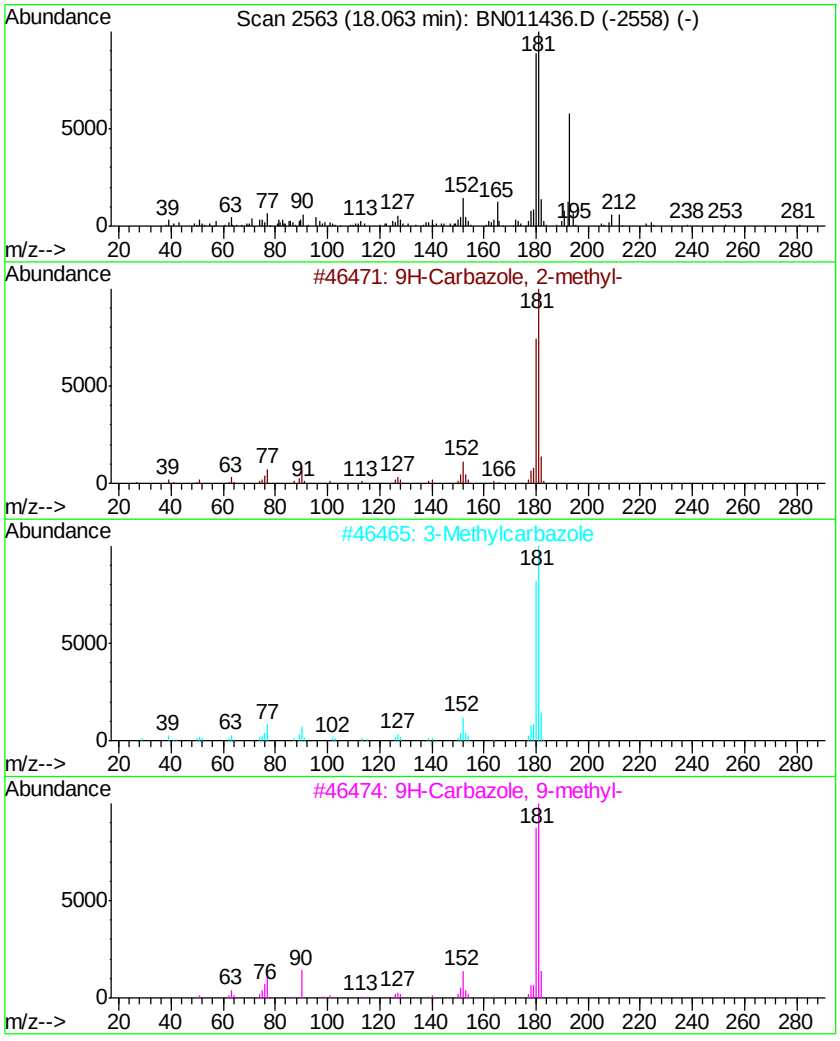

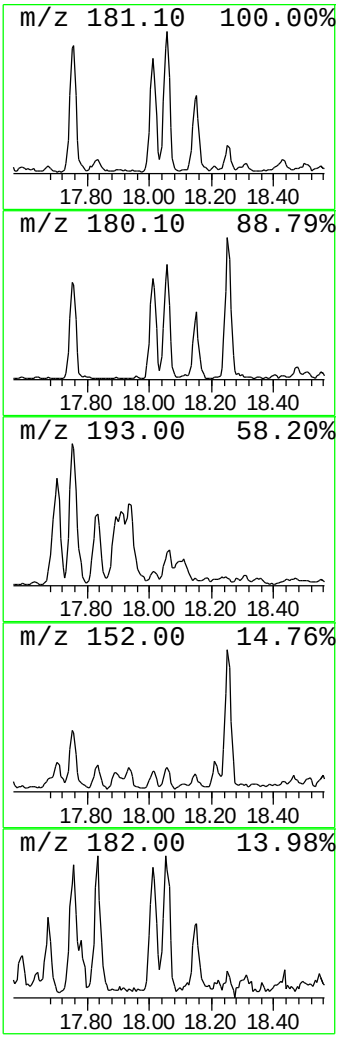

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Instrument : BNA_N
ClientSampleId : BFMM7

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Quant Title : SVOA CALIBRATION

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

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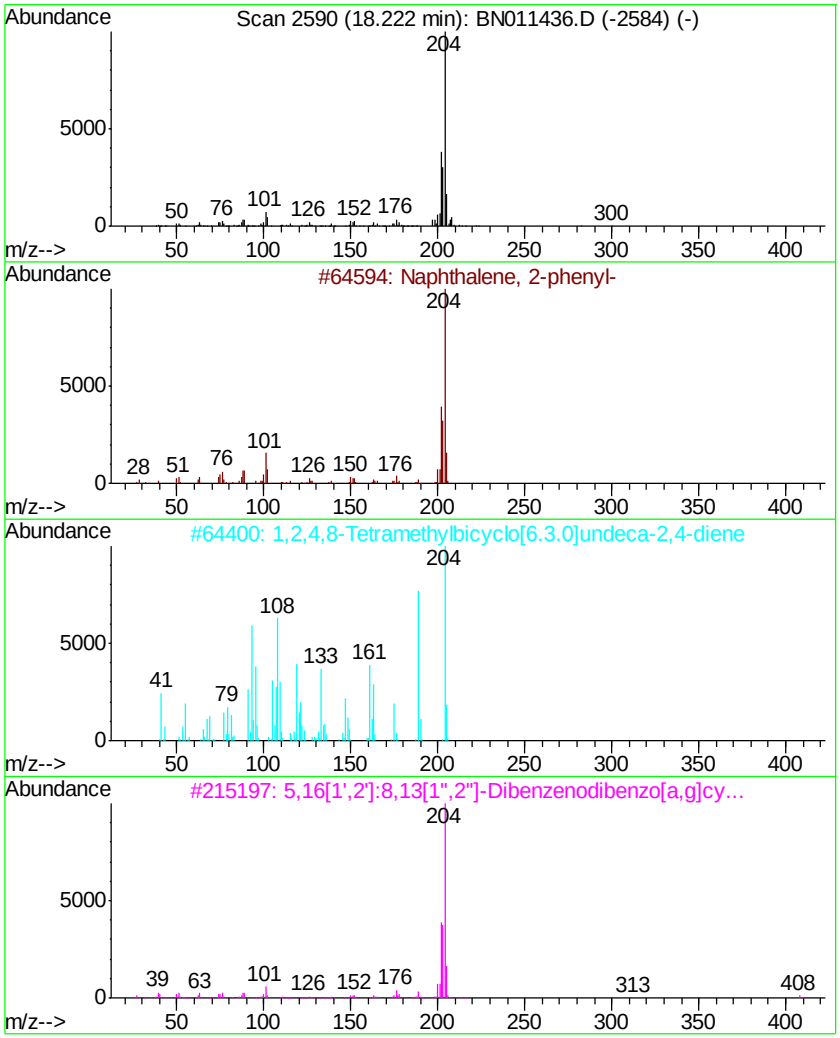
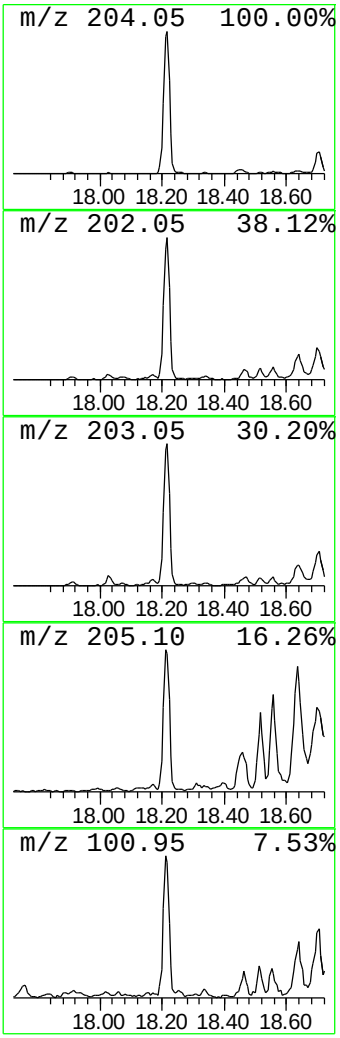
Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	11.11 ng/ul	1563340	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	95
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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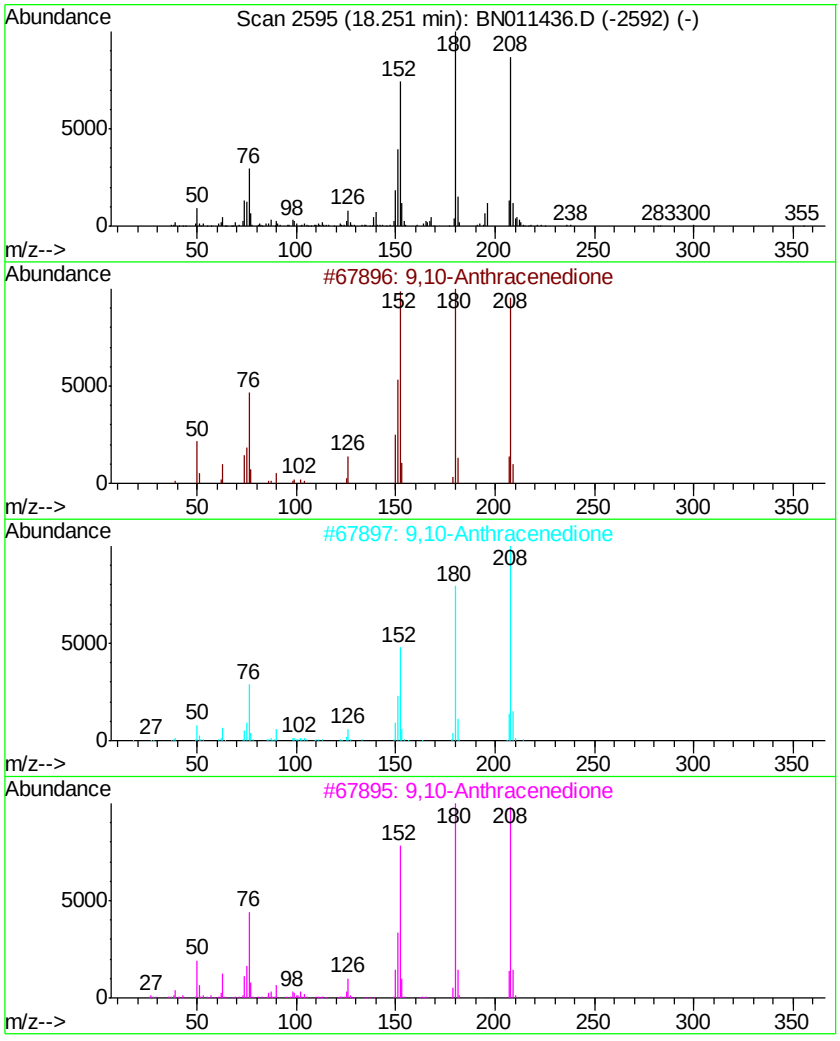
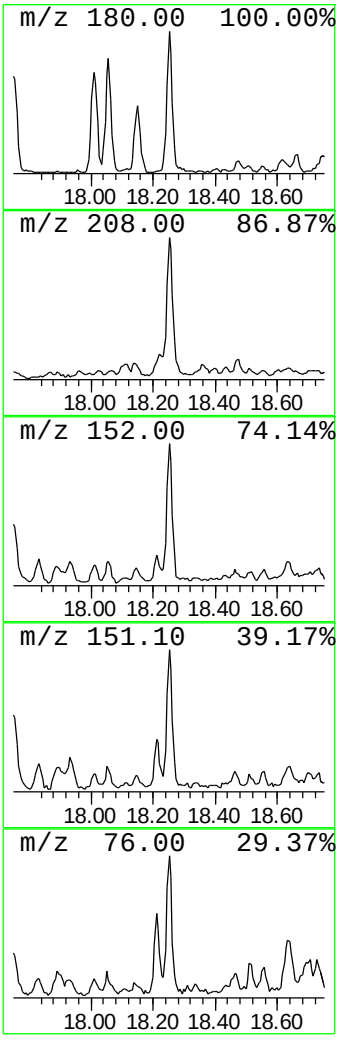
Peak Number 16 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	4.52 ng/ul	635274	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
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	70
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

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

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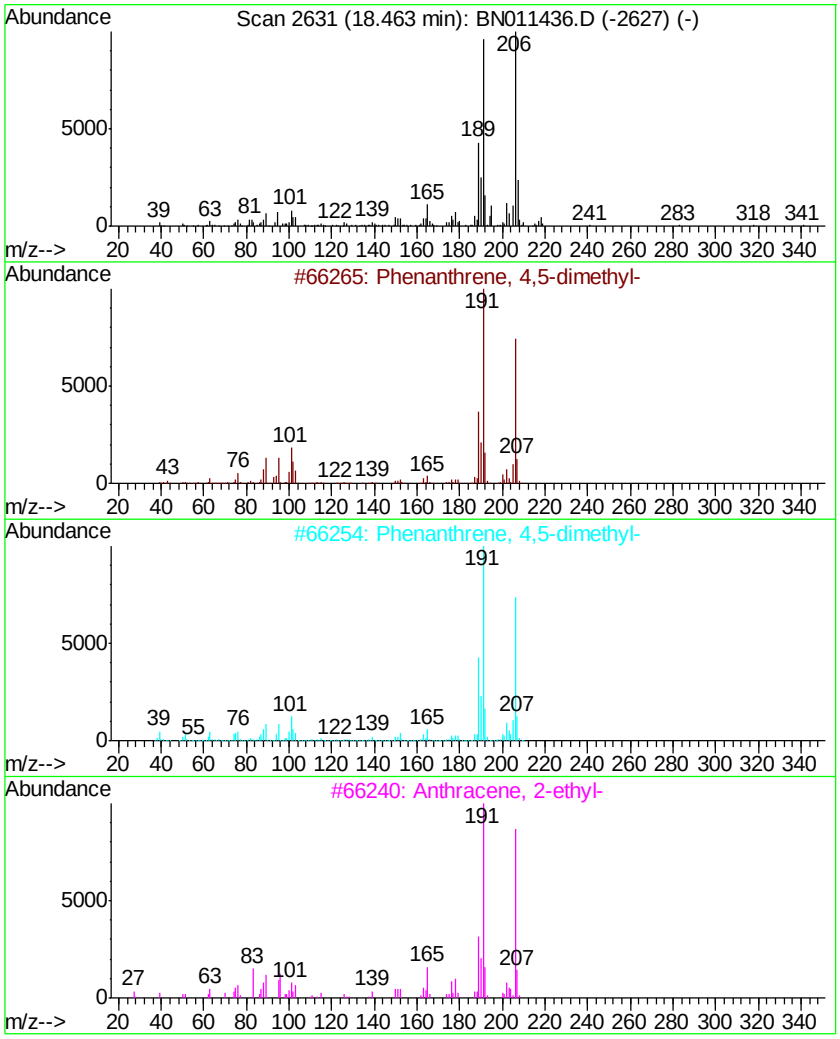
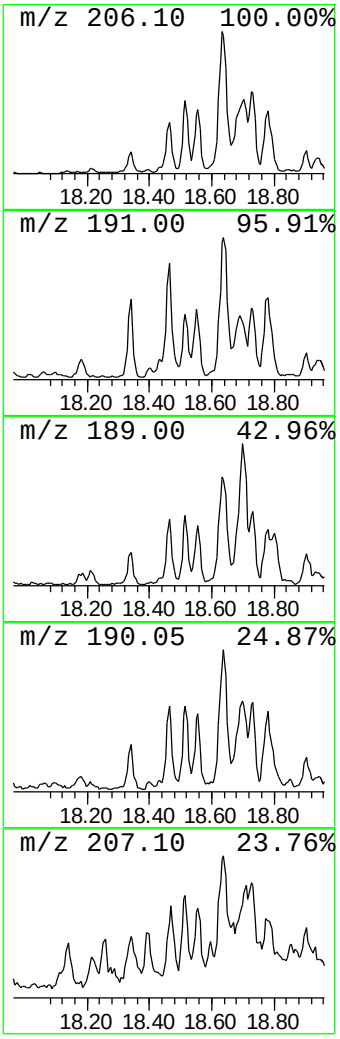
Peak Number 17 Phenanthrene, 4,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	4.60 ng/ul	646840	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	91
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87





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Acq On : 14 Aug 2020 21:12
Operator : CG/JU
Sample : L3631-11
Misc :
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Instrument : BNA_N
ClientSampleId : BFMM7

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Quant Title : SVOA CALIBRATION

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

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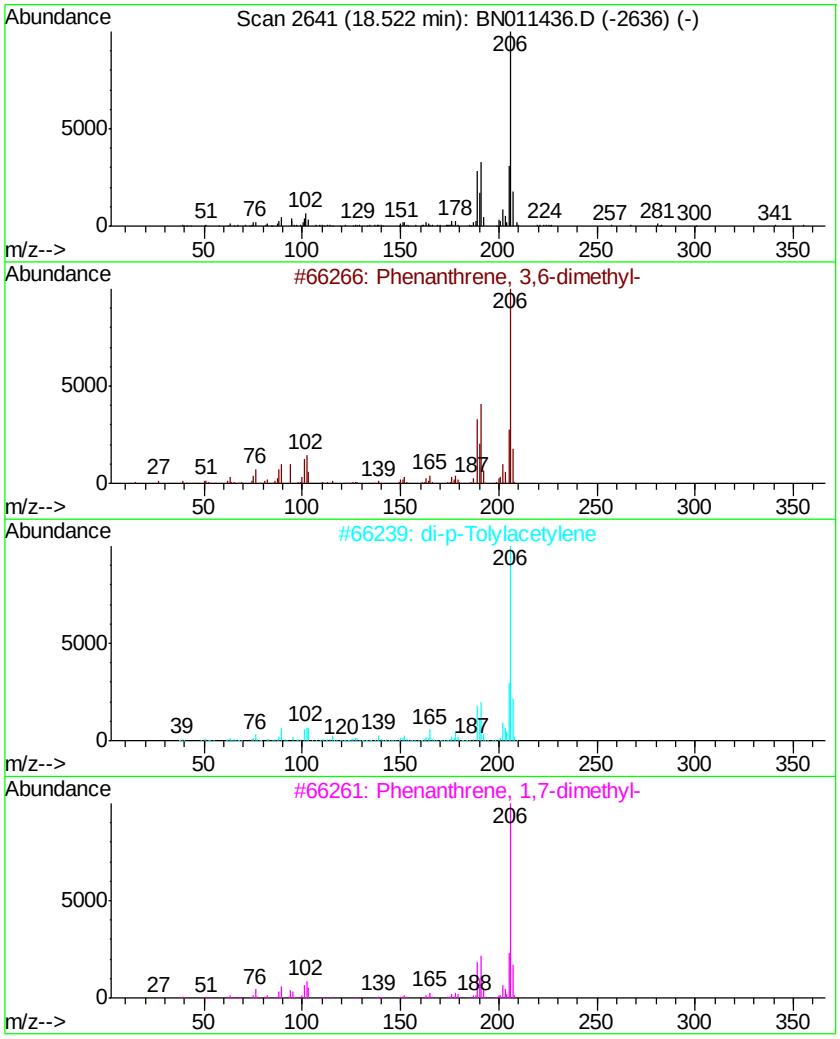
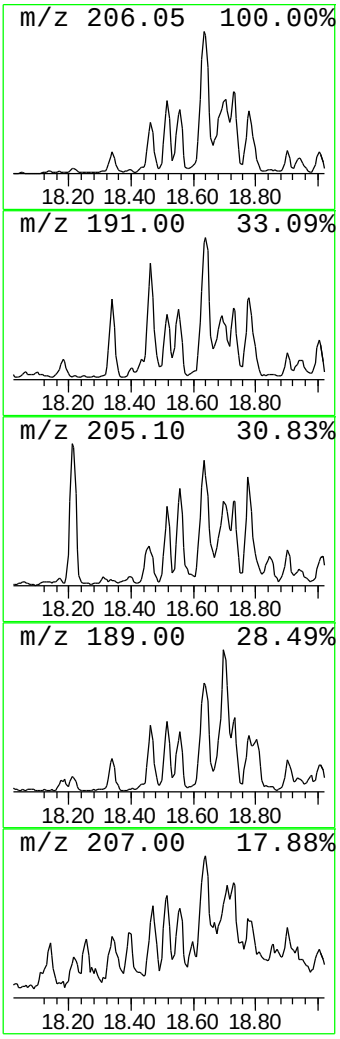
Peak Number 18 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	3.63 ng/ul	510383	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83





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ClientSampleId : BFMM7

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Quant Title : SVOA CALIBRATION

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

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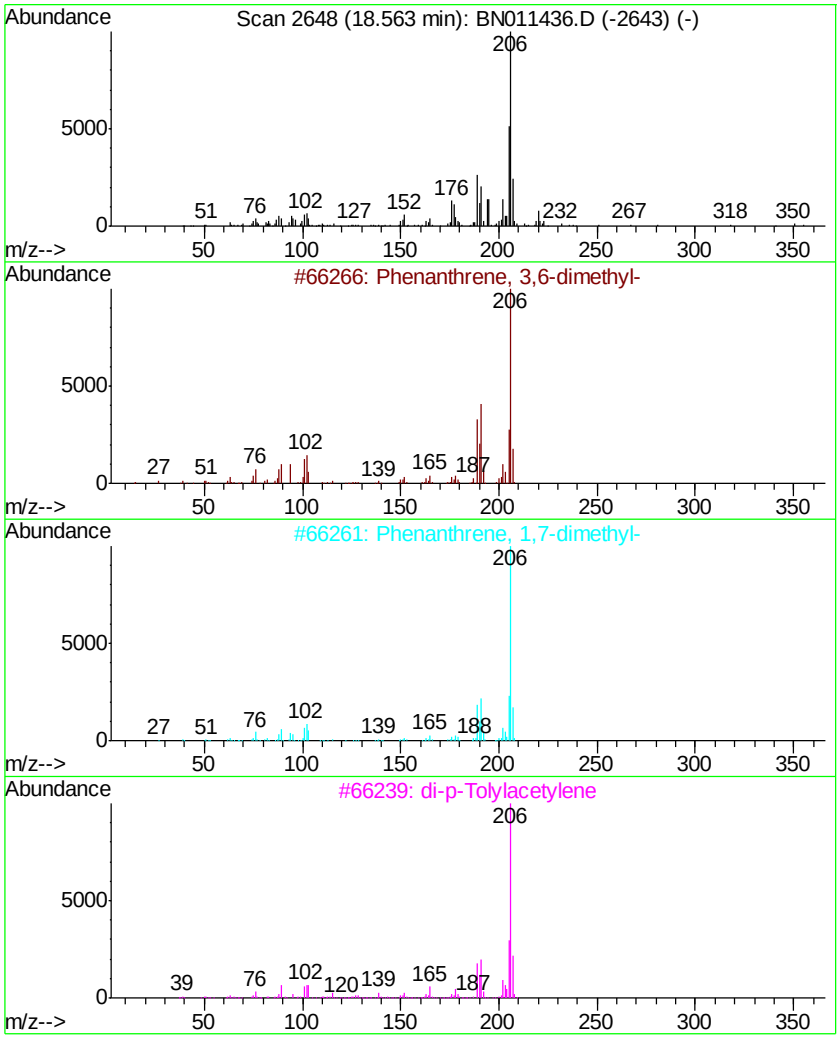
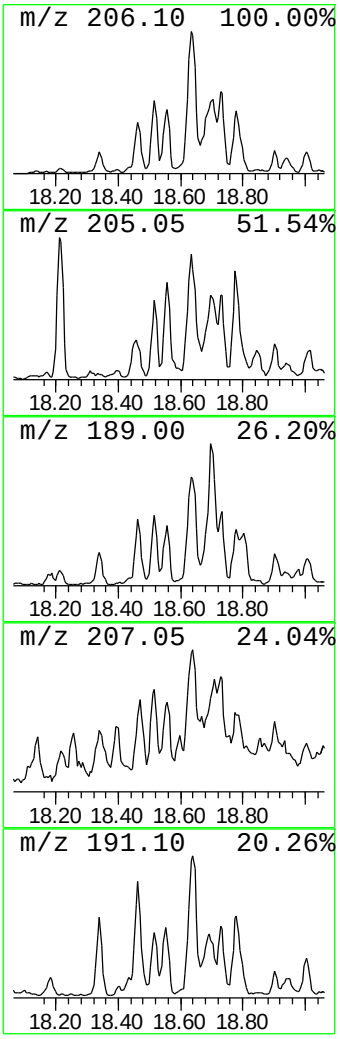
Peak Number 19 Phenanthrene, 1,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	4.44 ng/ul	624113	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	89
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	81
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81





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Quant Title : SVOA CALIBRATION

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

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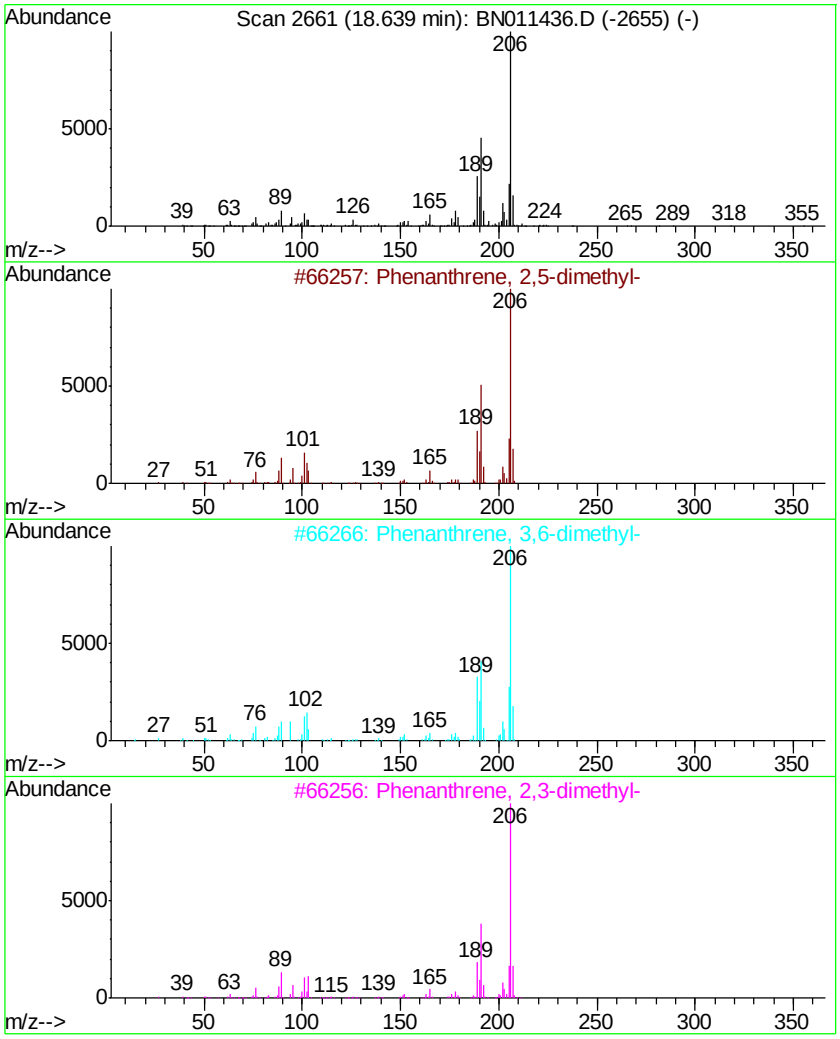
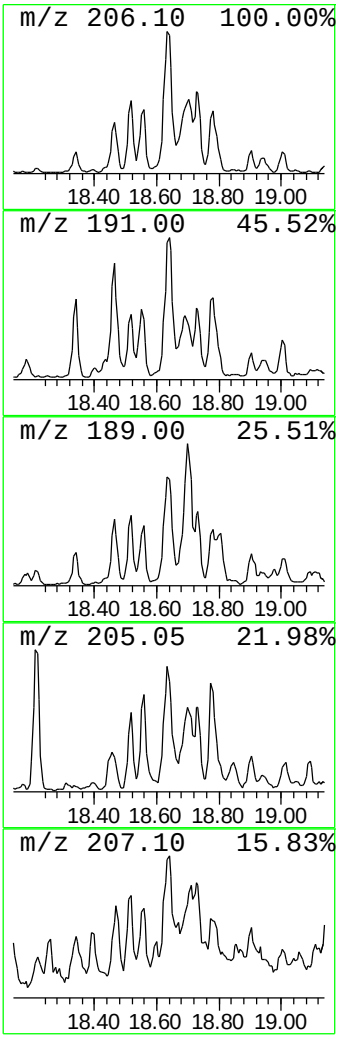
Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	11.26 ng/ul	1583750	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM7

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Quant Title : SVOA CALIBRATION

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

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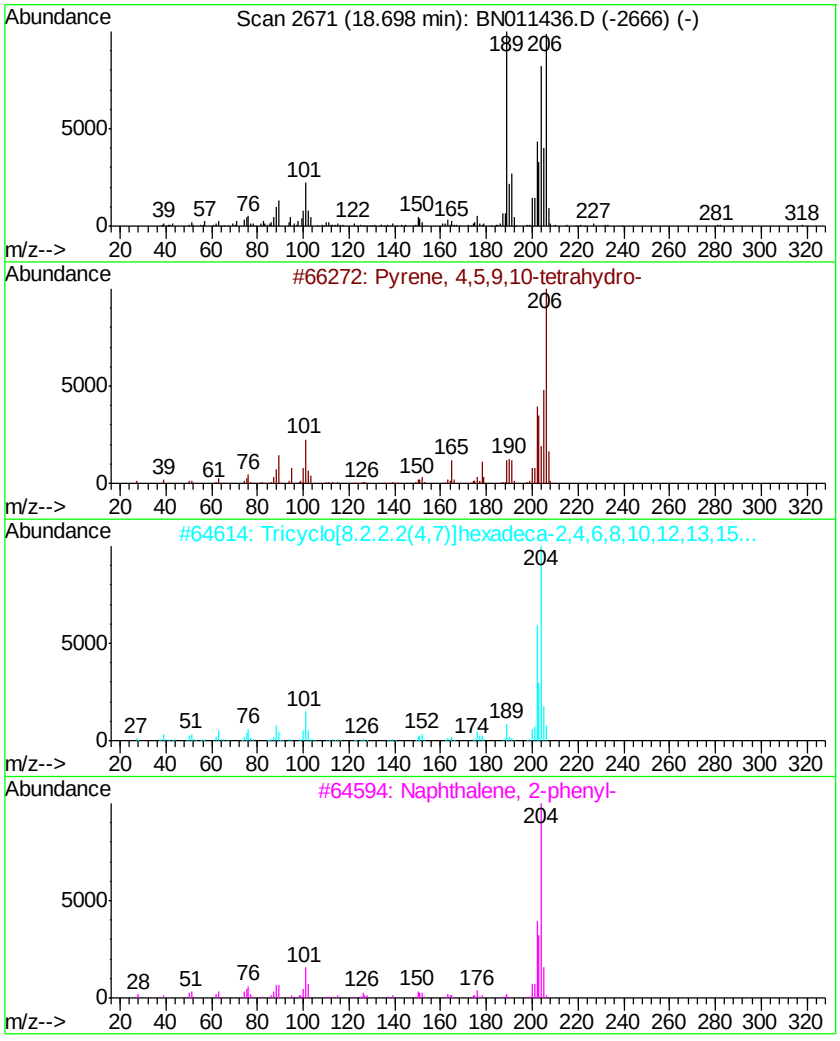
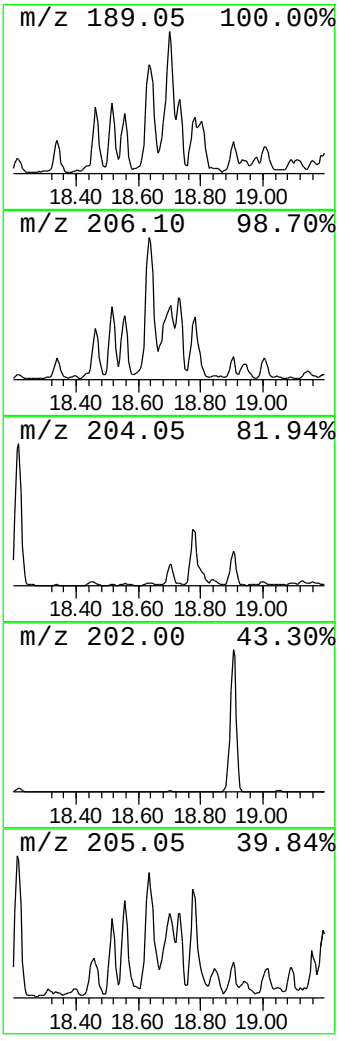
Peak Number 21 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	7.46 ng/ul	1048950	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	55
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	38
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	35
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	30
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	30





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Misc :
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Quant Title : SVOA CALIBRATION

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

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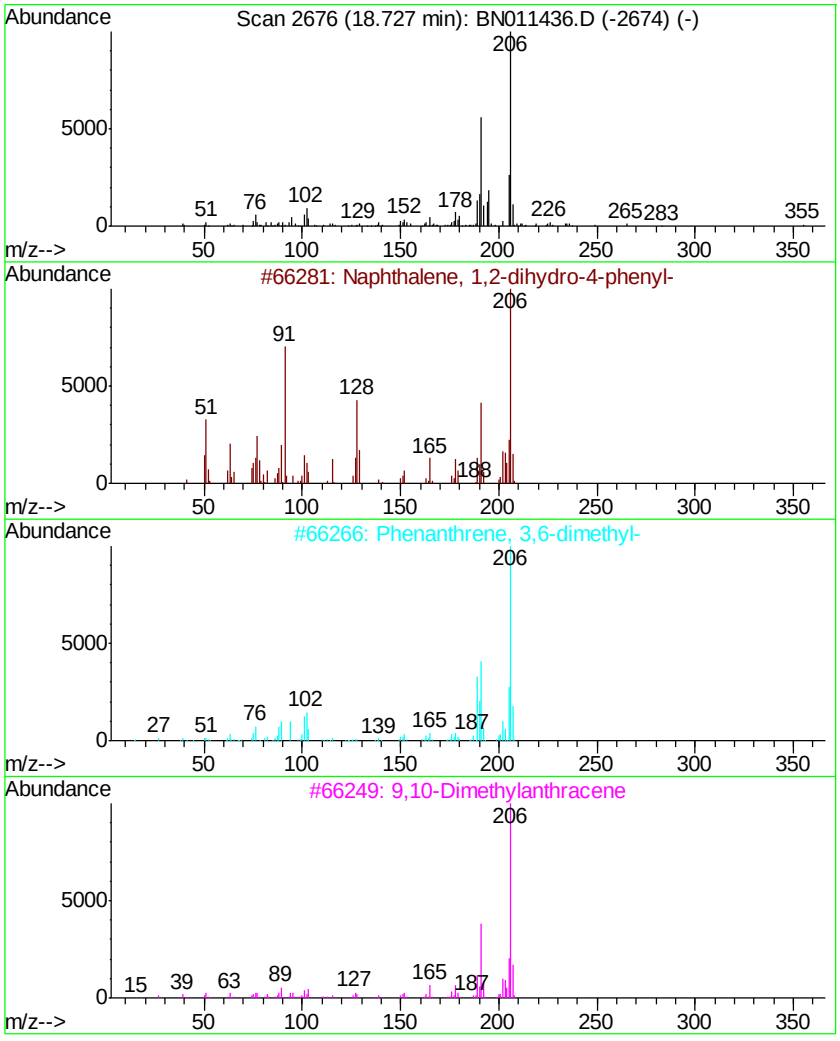
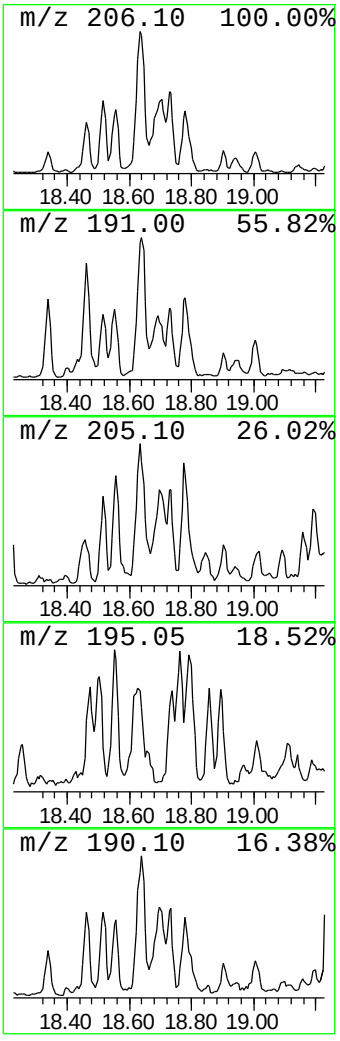
Peak Number 22 Naphthalene, 1,2-dihydro-4-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	3.88 ng/ul	546163	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	64
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	59
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	59





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId : BFMM7

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Quant Title : SVOA CALIBRATION

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

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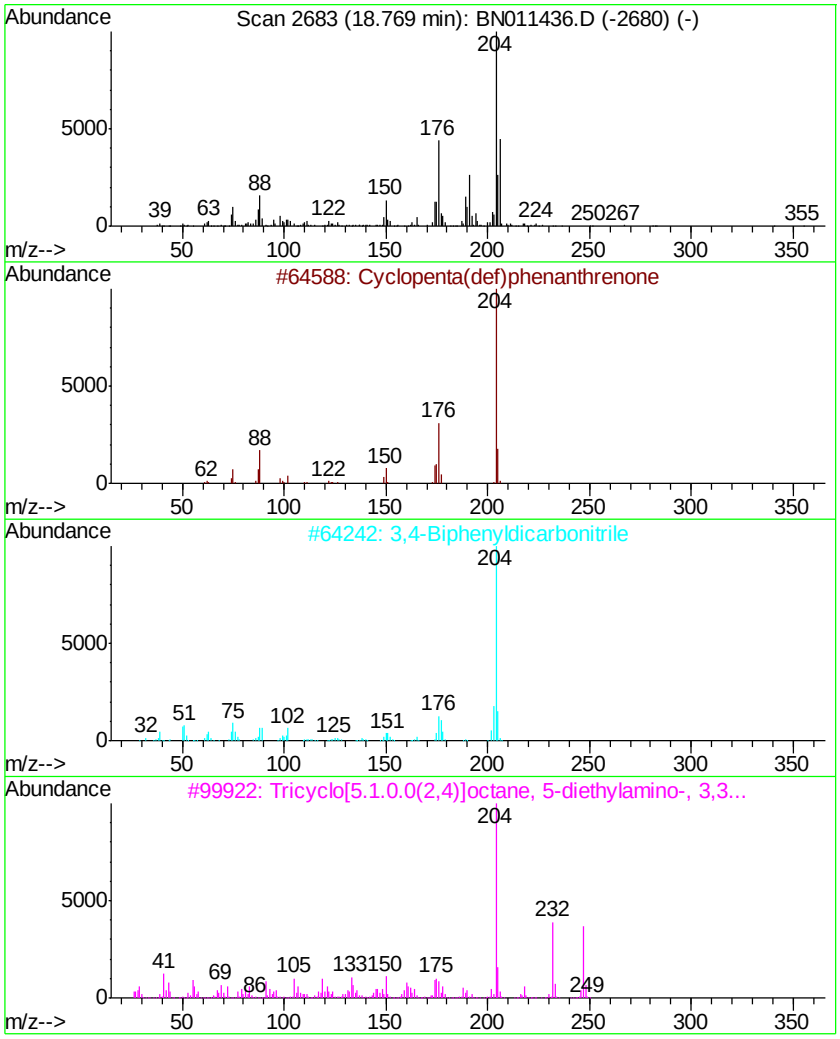
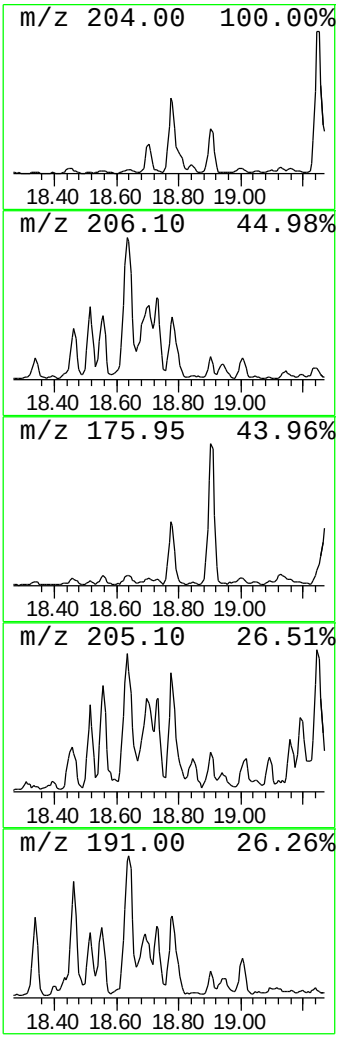
Peak Number 23 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	10.66 ng/ul	1499810	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43
3	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	38
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	38
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	37





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Quant Title : SVOA CALIBRATION

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

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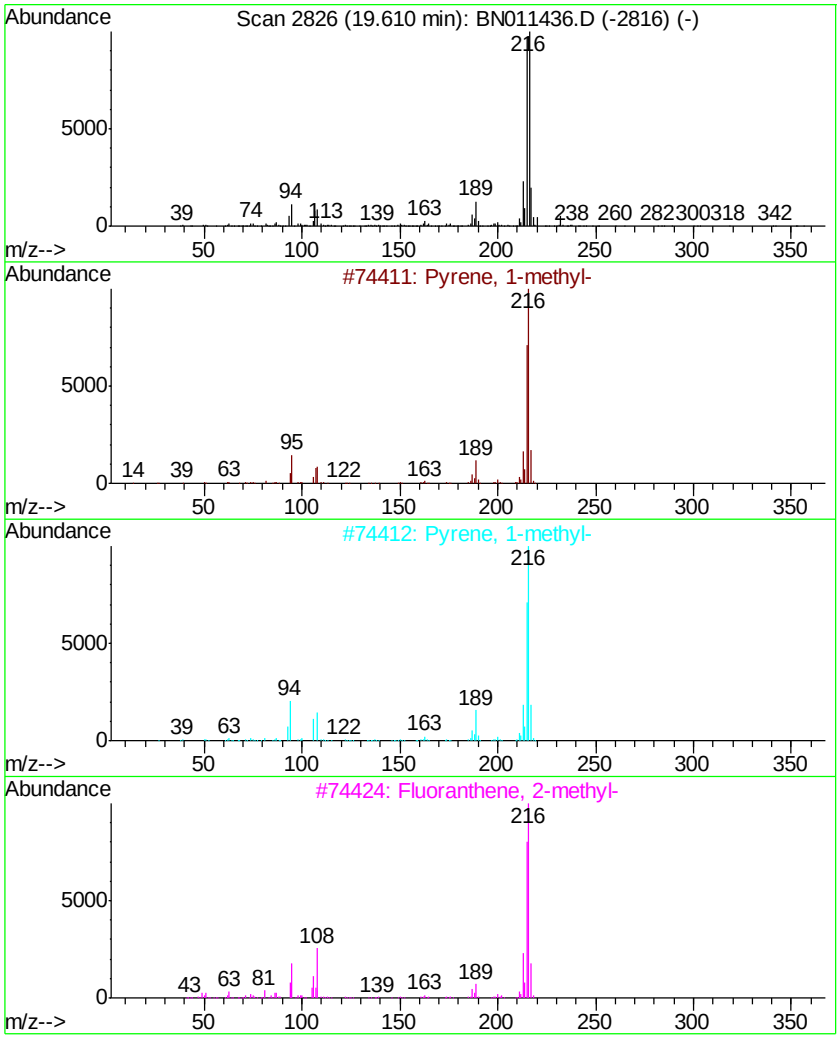
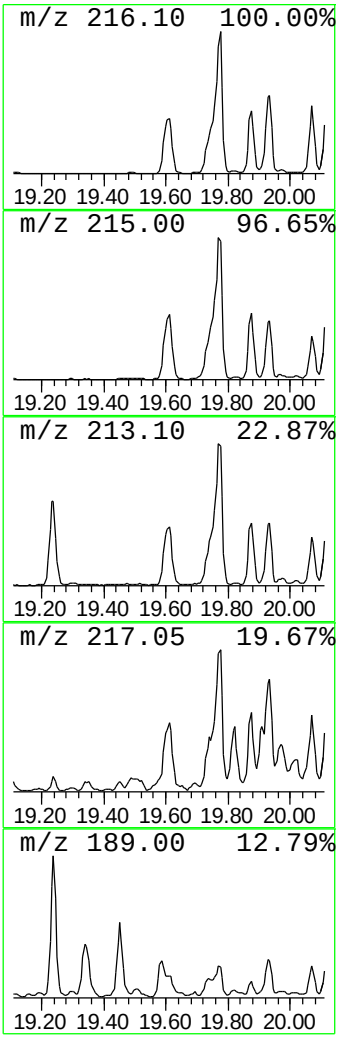
Peak Number 24 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	3.98 ng/ul	3323500	Chrysene-d12	21.05

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	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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

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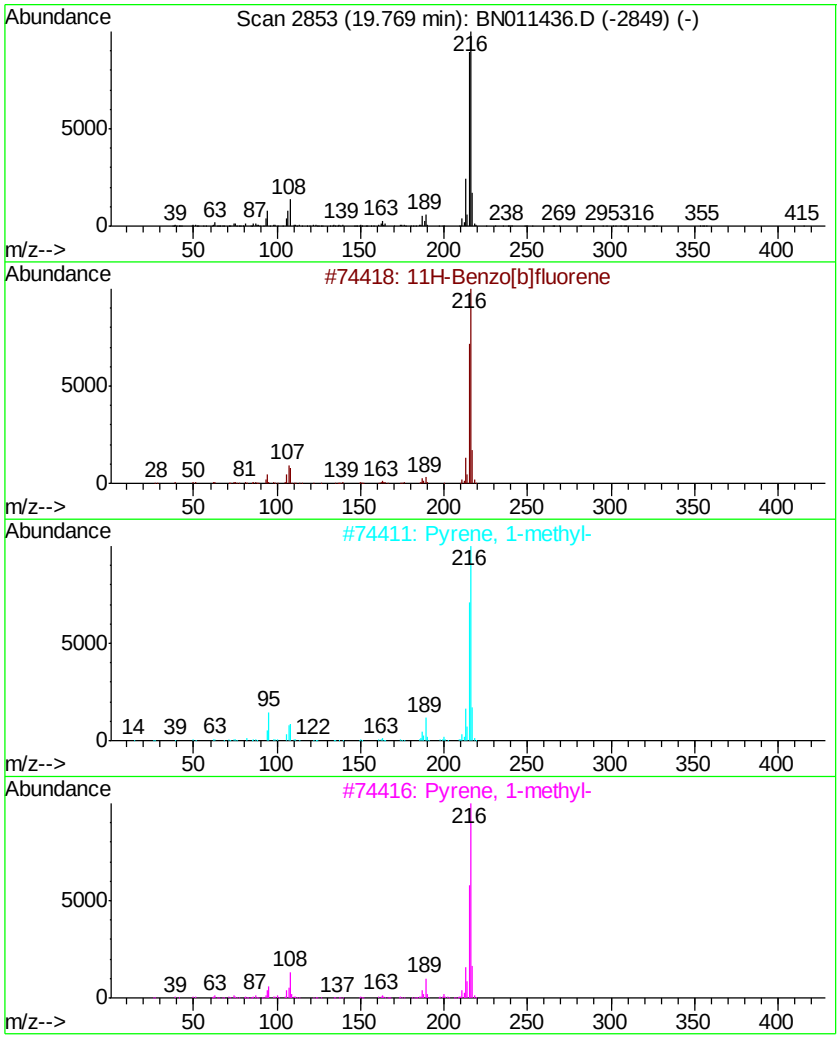
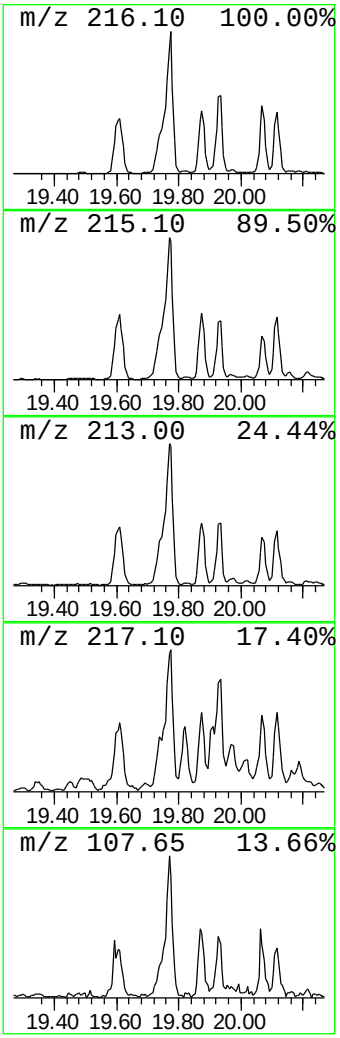
Peak Number 25 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	4.69 ng/ul	3912570	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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Quant Title : SVOA CALIBRATION

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

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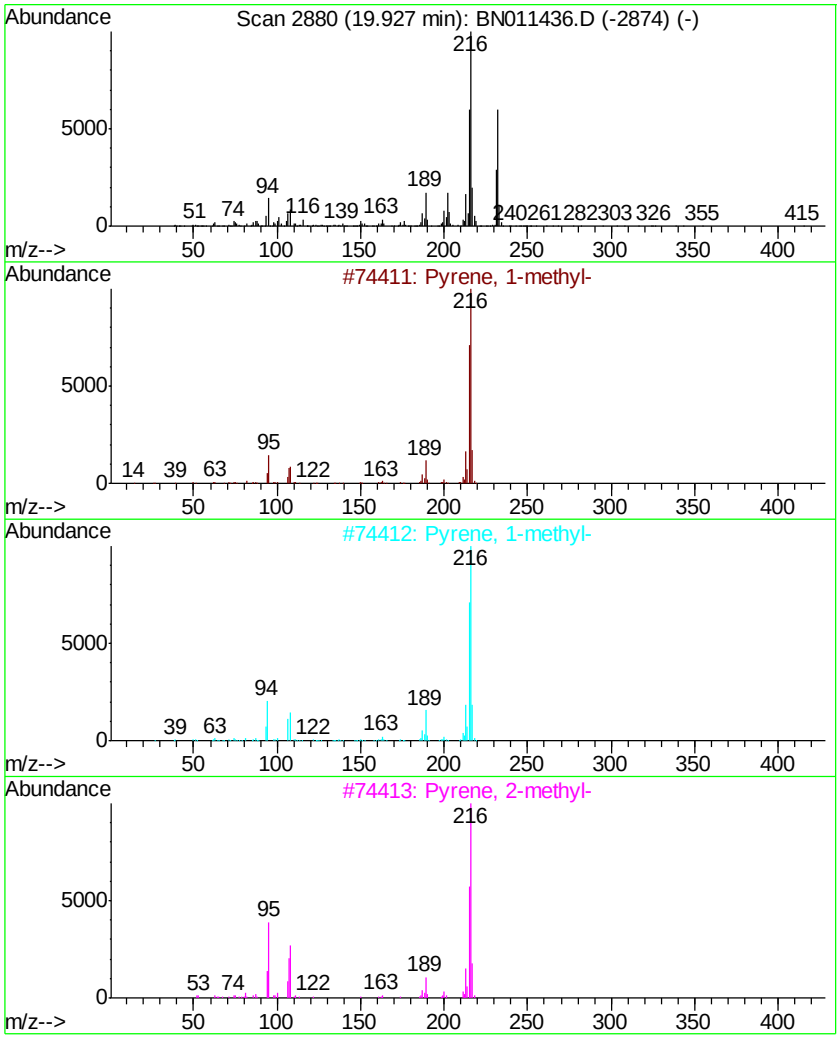
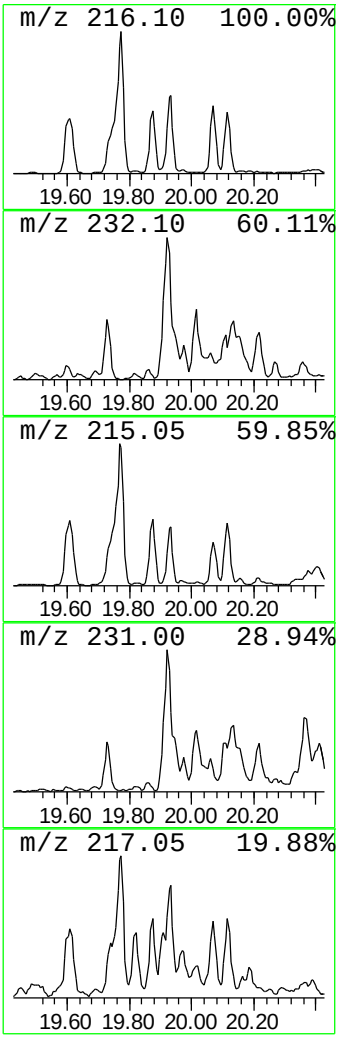
Peak Number 26 11H-Benzo[a]fluorene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	3.60 ng/ul	3003160	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64





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Quant Title : SVOA CALIBRATION

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

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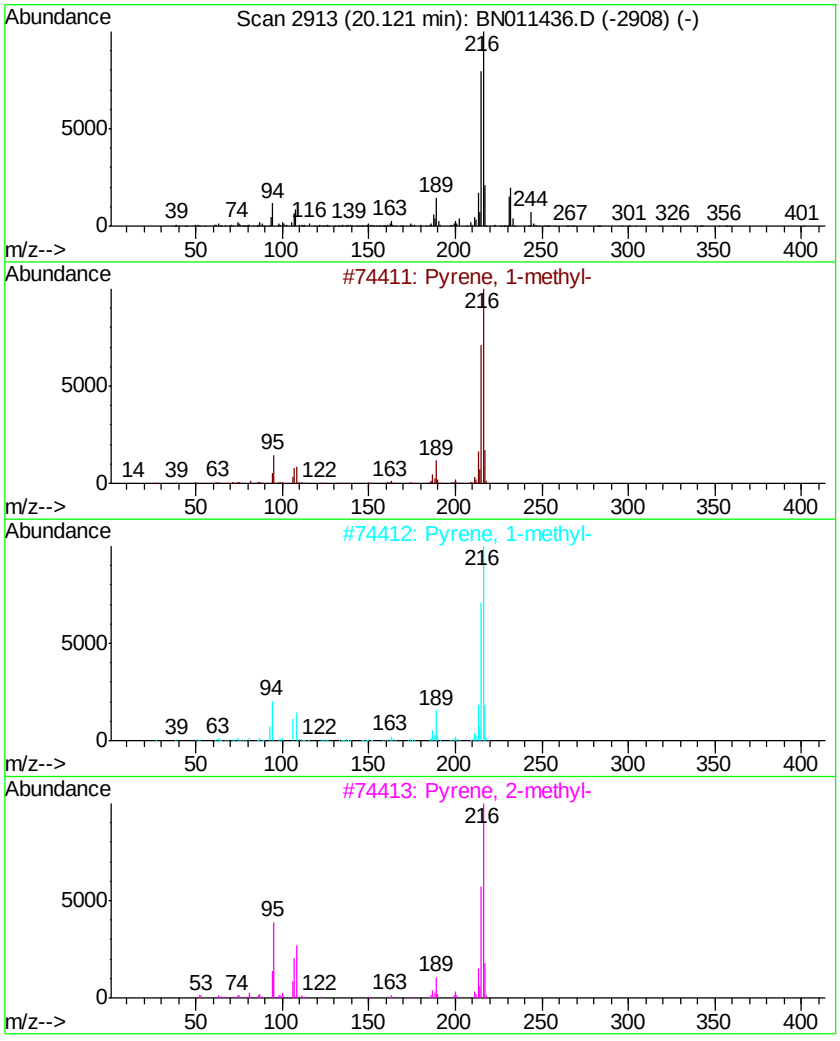
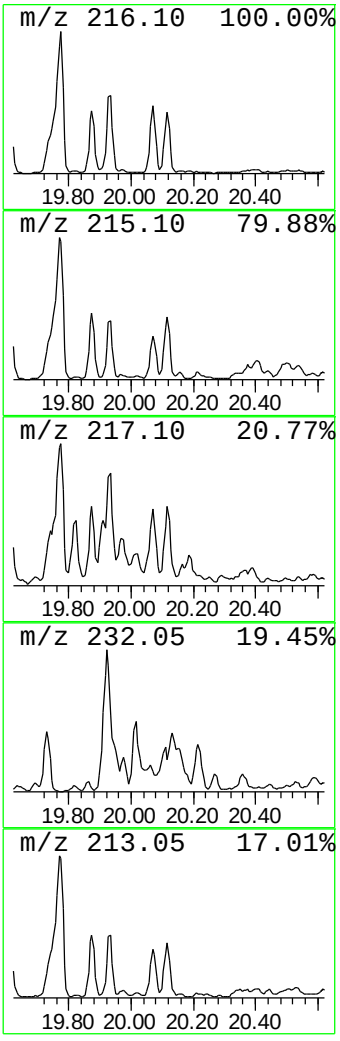
Peak Number 27 Pyrene, 1-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.12	2.06 ng/ul	1718880	Chrysene-d12	21.05

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	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





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Quant Title : SVOA CALIBRATION

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

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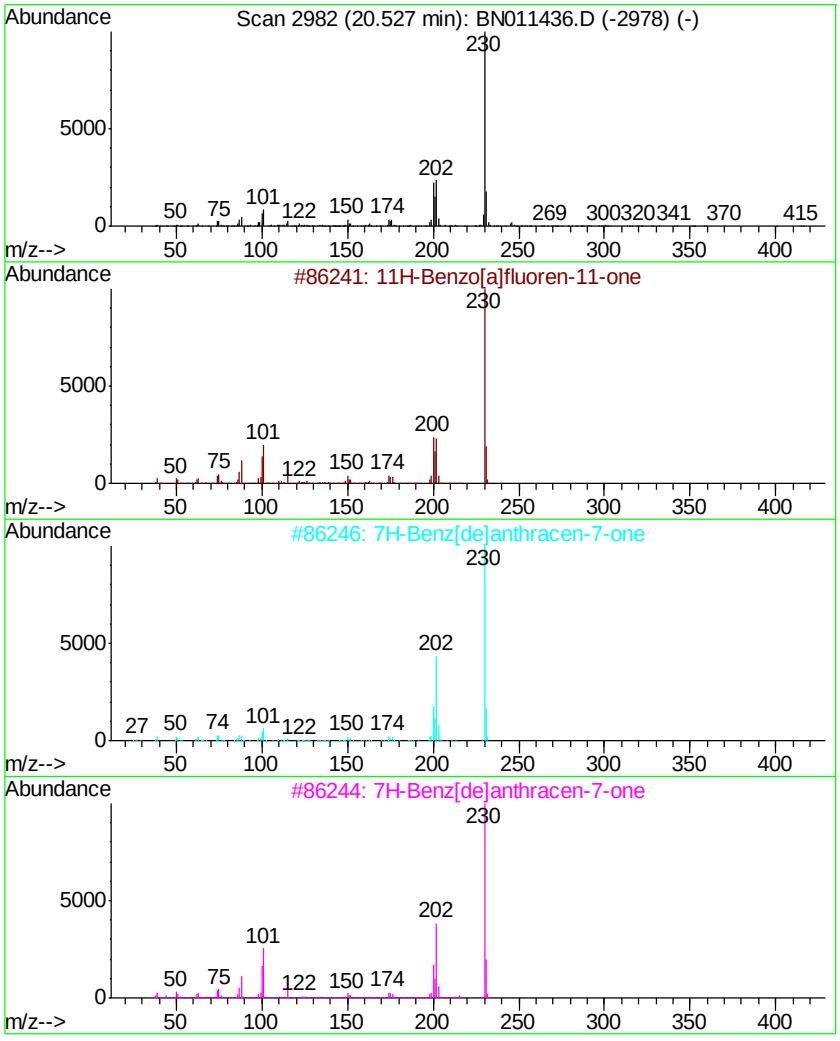
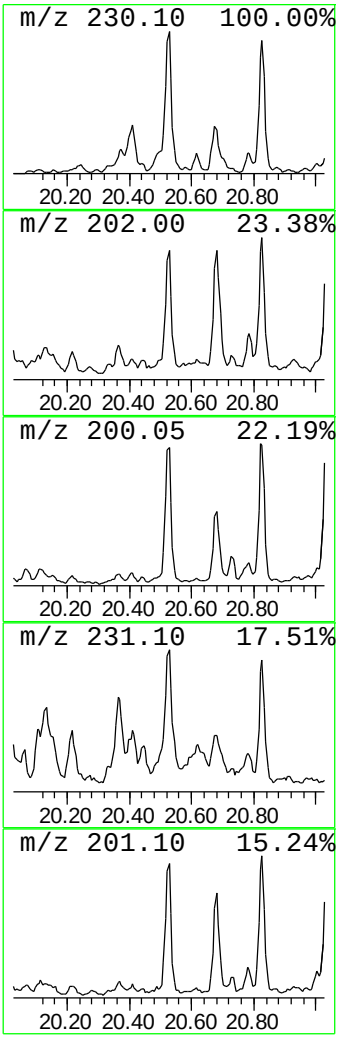
Peak Number 28 11H-Benzo[a]fluoren-11-one Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.53	2.54 ng/ul	2122880	Chrysene-d12	21.05

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	89
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	81





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Data File : BN011436.D
Acq On : 14 Aug 2020 21:12
Operator : CG/JU
Sample : L3631-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM7

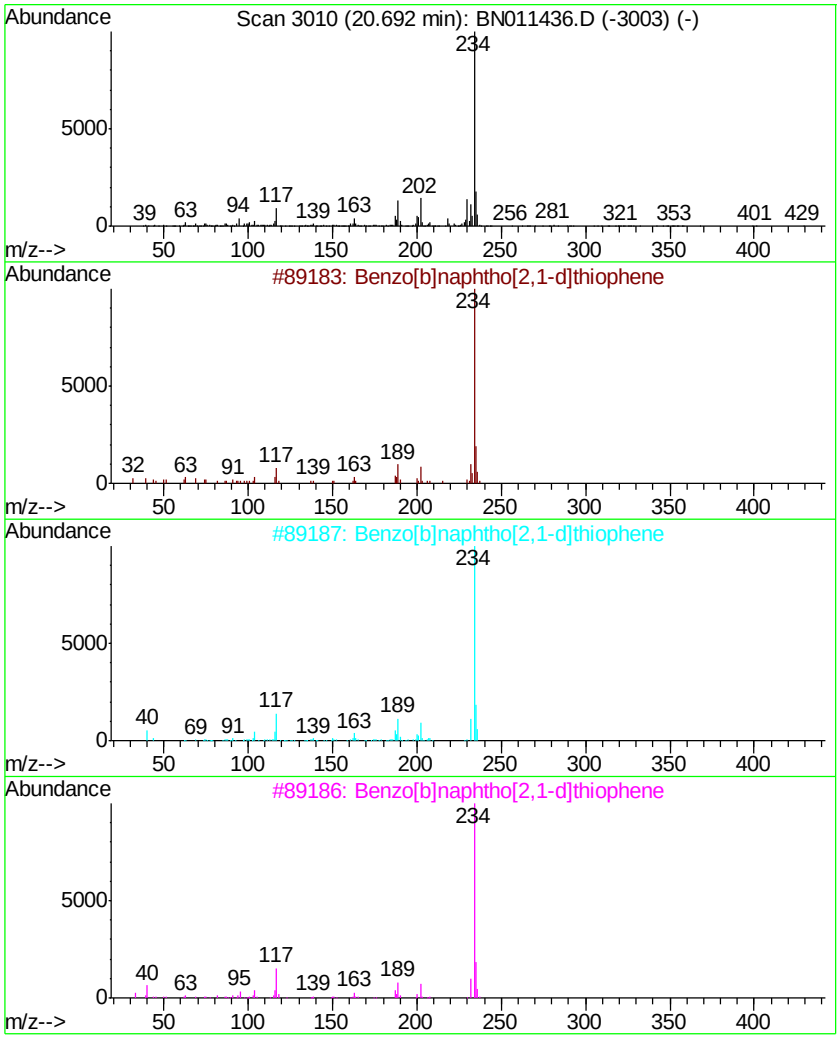
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

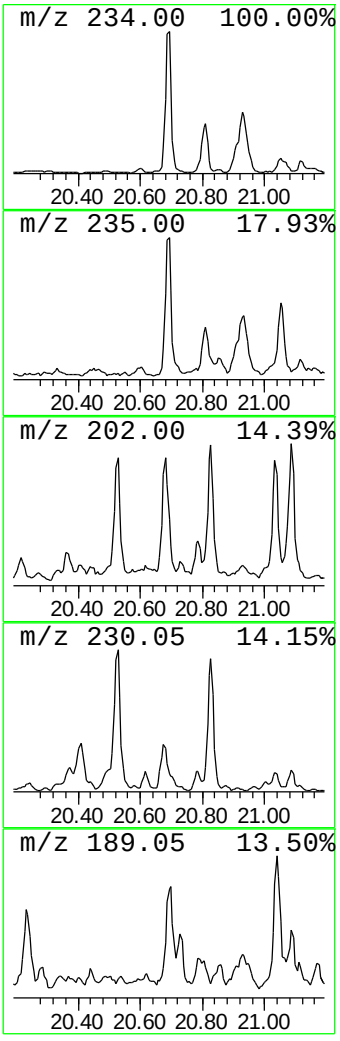
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	2.51 ng/ul	2097350	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	64
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	62
5	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011436.D
Acq On : 14 Aug 2020 21:12
Operator : CG/JU
Sample : L3631-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

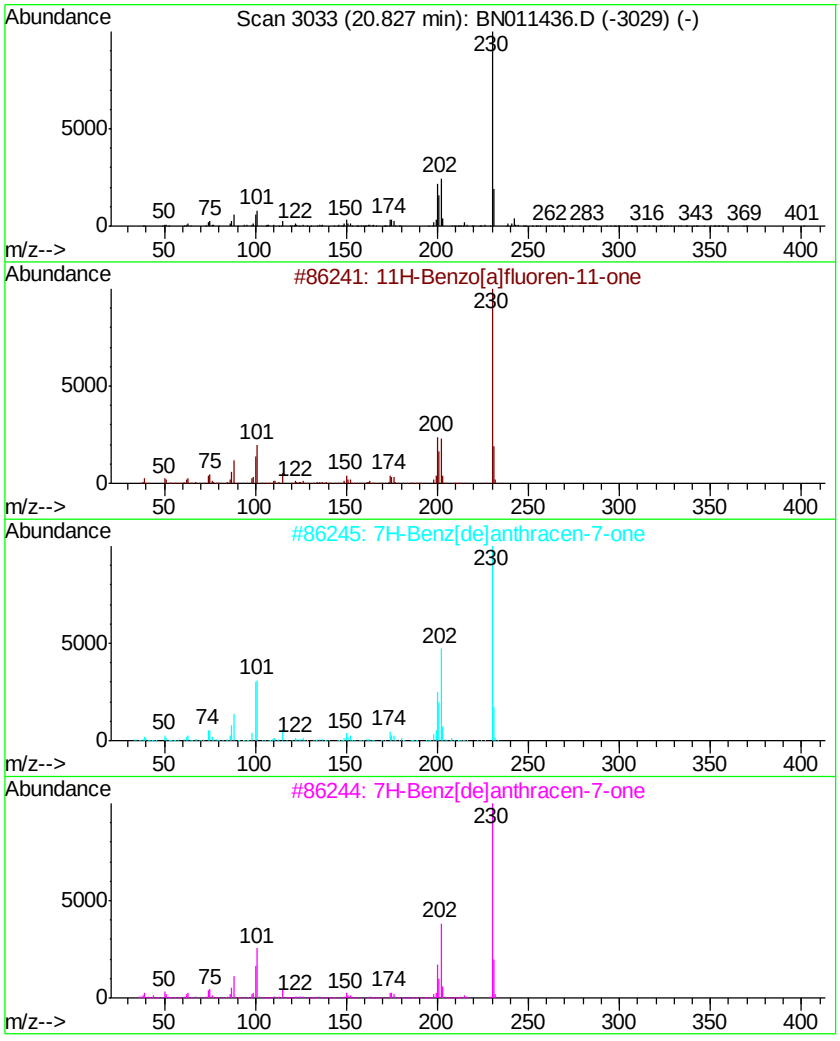
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

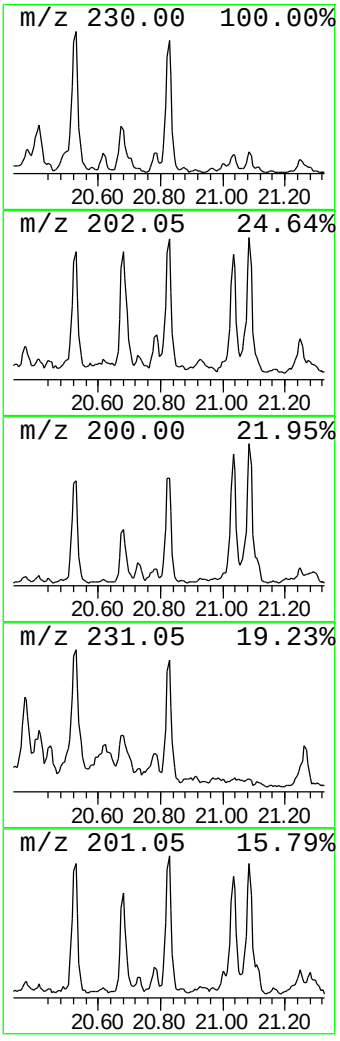
****

Peak Number 30 7H-Benz[de]anthracen-7-one Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	2.76 ng/ul	2303930	Chrysene-d12	21.05

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	87
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
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	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081420\
Data File : BN011436.D
Acq On : 14 Aug 2020 21:12
Operator : CG/JU
Sample : L3631-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.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
Dibenzofuran, 4-m...	15.57	3.4	ng/ul	480930	4	16.83	2813760	20.0
9H-Fluoren-9-one	16.49	3.5	ng/ul	488285	4	16.83	2813760	20.0
Anthracene, 1,2,3...	16.59	5.9	ng/ul	836124	4	16.83	2813760	20.0
Dibenzothiophene	16.65	4.9	ng/ul	688900	4	16.83	2813760	20.0
Acridine	17.02	3.5	ng/ul	491456	4	16.83	2813760	20.0
Dibenzo[a,e]cyclo...	17.36	2.3	ng/ul	319041	4	16.83	2813760	20.0
Benzenamine, 4,4'...	17.41	2.2	ng/ul	315637	4	16.83	2813760	20.0
Phenanthrene, 1-m...	17.70	17.2	ng/ul	2416370	4	16.83	2813760	20.0
Phenanthrene, 2-m...	17.75	26.0	ng/ul	3659860	4	16.83	2813760	20.0
unknown-01	17.83	10.5	ng/ul	1476300	4	16.83	2813760	20.0
4H-Cyclopenta[def...	17.89	24.6	ng/ul	3468310	4	16.83	2813760	20.0
1H-Cyclopropa[l]p...	17.93	10.5	ng/ul	1472600	4	16.83	2813760	20.0
4-Methylcarbazole	18.01	2.4	ng/ul	342894	4	16.83	2813760	20.0
9H-Carbazole, 2-m...	18.06	3.0	ng/ul	429305	4	16.83	2813760	20.0
Naphthalene, 2-ph...	18.22	11.1	ng/ul	1563340	4	16.83	2813760	20.0
9,10-Anthracenedione	18.25	4.5	ng/ul	635274	4	16.83	2813760	20.0
Phenanthrene, 4,5...	18.46	4.6	ng/ul	646840	4	16.83	2813760	20.0
Phenanthrene, 3,6...	18.52	3.6	ng/ul	510383	4	16.83	2813760	20.0
Phenanthrene, 1,7...	18.56	4.4	ng/ul	624113	4	16.83	2813760	20.0
Phenanthrene, 2,5...	18.64	11.3	ng/ul	1583750	4	16.83	2813760	20.0
Pyrene, 4,5,9,10-...	18.70	7.5	ng/ul	1048950	4	16.83	2813760	20.0
Naphthalene, 1,2-...	18.73	3.9	ng/ul	546163	4	16.83	2813760	20.0
Cyclopenta(def)ph...	18.77	10.7	ng/ul	1499810	4	16.83	2813760	20.0
Fluoranthene, 2-m...	19.61	4.0	ng/ul	3323500	5	21.05	16684400	20.0
11H-Benzo[b]fluorene	19.77	4.7	ng/ul	3912570	5	21.05	16684400	20.0
11H-Benzo[a]fluorene	19.93	3.6	ng/ul	3003160	5	21.05	16684400	20.0
Pyrene, 1-methyl-	20.12	2.1	ng/ul	1718880	5	21.05	16684400	20.0
11H-Benzo[a]fluor...	20.53	2.5	ng/ul	2122880	5	21.05	16684400	20.0
Benzo[b]naphtho[2...	20.69	2.5	ng/ul	2097350	5	21.05	16684400	20.0
7H-Benz[de]anthra...	20.83	2.8	ng/ul	2303930	5	21.05	16684400	20.0