LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011432.D
Acq On : 14 Aug 2020 18:48
Operator : CG/JU
Sample : L3631-10DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM6DL

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	6.646	617	622	633	rBV3	50712	94673	1.44%	0.140%
2	6.805	642	649	662	rBV	41677	76950	1.17%	0.114%
3	6.987	673	680	688	rBV	67496	112463	1.71%	0.166%
4	7.440	748	757	766	rBV	695382	1049475	15.98%	1.553%
5	8.157	872	879	886	rBV2	59566	110779	1.69%	0.164%
6	8.581	946	951	961	rBV	50887	90788	1.38%	0.134%
7	9.293	1065	1072	1083	rBV3	41688	74809	1.14%	0.111%
8	9.828	1156	1163	1175	rBV2	71216	134242	2.04%	0.199%
9	10.187	1216	1224	1229	rBV	782039	1321242	20.11%	1.955%
10	10.234	1229	1232	1241	rVB	57255	91109	1.39%	0.135%
11	10.340	1245	1250	1259	rBV2	43325	88780	1.35%	0.131%
12	11.857	1502	1508	1516	rBV	70046	124780	1.90%	0.185%
13	12.081	1541	1546	1555	rVB2	59139	99699	1.52%	0.148%
14	13.234	1736	1742	1743	rBV2	36966	56337	0.86%	0.083%
15	13.387	1760	1768	1774	rBV2	69281	119029	1.81%	0.176%
16	13.440	1774	1777	1782	rVV	43319	62853	0.96%	0.093%
17	13.498	1782	1787	1792	rVV	177200	257507	3.92%	0.381%
18	13.757	1825	1831	1834	rBV	202715	309121	4.71%	0.457%
19	13.787	1834	1836	1844	rVB	168489	213169	3.24%	0.315%
20	14.069	1877	1884	1891	rBV	1350198	1994529	30.36%	2.952%
21	14.134	1891	1895	1900	rVV	209991	299014	4.55%	0.443%
22	14.316	1917	1926	1931	rBV8	22973	60501	0.92%	0.090%
23	14.475	1945	1953	1964	rBV	257744	412678	6.28%	0.611%
24	15.075	2049	2055	2060	rVV	292724	400207	6.09%	0.592%
25	15.128	2060	2064	2071	rVV	489525	698205	10.63%	1.033%
26	15.216	2075	2079	2083	rVV2	43933	77164	1.17%	0.114%
27	15.434	2110	2116	2124	rVB	120337	176447	2.69%	0.261%
28	15.575	2135	2140	2150	rVB	124001	250858	3.82%	0.371%
29	16.139	2224	2236	2241	rBV4	94162	226812	3.45%	0.336%
30	16.186	2241	2244	2250	rVB	41622	58064	0.88%	0.086%
31	16.410	2279	2282	2286	rVV3	45796	61942	0.94%	0.092%
32	16.486	2290	2295	2304	rVB2	154899	227078	3.46%	0.336%
33	16.586	2304	2312	2316	rBV3	160474	291405	4.44%	0.431%
34	16.645	2316	2322	2327	rVB	194028	276681	4.21%	0.409%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011432.D
Acq On : 14 Aug 2020 18:48
Operator : CG/JU
Sample : L3631-10DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM6DL

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	16.828	2344	2353	2356	rBV	1550701	2165850	32.97%	3.205%
36	16.869	2356	2360	2366	rVV	4508590	6016062	91.58%	8.903%
37	16.928	2366	2370	2372	rVV2	329498	487179	7.42%	0.721%
38	16.957	2372	2375	2381	rVV	743132	1012742	15.42%	1.499%
39	17.028	2383	2387	2393	rVV2	60665	93887	1.43%	0.139%
40	17.233	2413	2422	2427	rBV2	255959	425839	6.48%	0.630%
41	17.357	2439	2443	2448	rBV2	67426	99892	1.52%	0.148%
42	17.410	2448	2452	2458	rBV5	53322	78787	1.20%	0.117%
43	17.551	2472	2476	2481	rVB2	41186	67497	1.03%	0.100%
44	17.704	2497	2502	2506	rBV	448207	604352	9.20%	0.894%
45	17.751	2506	2510	2518	rVB	653210	874114	13.31%	1.294%
46	17.833	2518	2524	2528	rBV	176908	256644	3.91%	0.380%
47	17.892	2528	2534	2538	rVV2	600934	980908	14.93%	1.452%
48	17.933	2538	2541	2549	rVB	256690	366000	5.57%	0.542%
49	18.016	2549	2555	2558	rBV6	29924	60896	0.93%	0.090%
50	18.057	2558	2562	2567	rVV	48823	72888	1.11%	0.108%
51	18.216	2584	2589	2592	rVV	328390	468009	7.12%	0.693%
52	18.251	2592	2595	2600	rVB	241625	313019	4.76%	0.463%
53	18.463	2627	2631	2635	rVB2	79169	103793	1.58%	0.154%
54	18.516	2635	2640	2643	rBV	78780	96300	1.47%	0.143%
55	18.551	2643	2646	2653	rVB	83179	106158	1.62%	0.157%
56	18.639	2655	2661	2666	rBV2	169265	316837	4.82%	0.469%
57	18.698	2666	2671	2674	rBV3	79703	116671	1.78%	0.173%
58	18.727	2674	2676	2680	rVB2	67713	75988	1.16%	0.112%
59	18.775	2680	2684	2693	rBV	150984	241436	3.68%	0.357%
60	18.898	2699	2705	2713	rBV	4725752	6107007	92.96%	9.038%
61	18.975	2714	2718	2720	rBV	58076	65648	1.00%	0.097%
62	19.004	2720	2723	2727	rVB4	54668	74895	1.14%	0.111%
63	19.051	2727	2731	2734	rVB	99971	128273	1.95%	0.190%
64	19.110	2734	2741	2743	rBV7	52922	105217	1.60%	0.156%
65	19.139	2743	2746	2753	rVB	122532	171119	2.60%	0.253%
66	19.263	2757	2767	2776	rBV	3627924	6172929	93.96%	9.135%
67	19.339	2776	2780	2788	rVB2	170152	284720	4.33%	0.421%
68	19.451	2793	2799	2805	rBV	234908	335945	5.11%	0.497%
69	19.510	2805	2809	2814	rVB	144231	218247	3.32%	0.323%
70	19.580	2816	2821	2822	rBV2	230172	292153	4.45%	0.432%
71	19.651	2830	2833	2837	rVB	71668	86985	1.32%	0.129%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011432.D
Acq On : 14 Aug 2020 18:48
Operator : CG/JU
Sample : L3631-10DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM6DL

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	19.733	2843	2847	2849	rVV3	206971	330310	5.03%	0.489%
73	19.769	2849	2853	2858	rVB	612570	866531	13.19%	1.282%
74	19.869	2866	2870	2874	rBV	396977	497888	7.58%	0.737%
75	19.927	2874	2880	2884	rVV2	329190	526212	8.01%	0.779%
76	19.963	2884	2886	2891	rVB2	113637	152182	2.32%	0.225%
77	20.016	2891	2895	2898	rBV3	65501	90318	1.37%	0.134%
78	20.069	2900	2904	2908	rBV	158103	189172	2.88%	0.280%
79	20.110	2908	2911	2917	rBV2	173786	265112	4.04%	0.392%
80	20.380	2946	2957	2958	rBV9	171427	457768	6.97%	0.677%
81	20.451	2965	2969	2971	rBV4	97645	147987	2.25%	0.219%
82	20.522	2978	2981	2987	rVB	254777	383654	5.84%	0.568%
83	20.686	3005	3009	3013	rVB2	377334	563674	8.58%	0.834%
84	20.727	3013	3016	3019	rVB	293775	308452	4.70%	0.456%
85	20.763	3019	3022	3023	rBV	128667	125949	1.92%	0.186%
86	20.822	3029	3032	3037	rVB	336211	442724	6.74%	0.655%
87	20.927	3048	3050	3056	rVB	66001	67941	1.03%	0.101%
88	21.039	3060	3069	3073	rVV3	3195856	6569397	100.00%	9.722%
89	21.080	3073	3076	3085	rVB	2006480	2767312	42.12%	4.095%
90	21.198	3093	3096	3101	rBV2	227242	252110	3.84%	0.373%
91	21.357	3119	3123	3128	rVB2	206102	376623	5.73%	0.557%
92	21.586	3159	3162	3166	rVB	350711	403744	6.15%	0.597%
93	21.633	3167	3170	3174	rVB	186074	198540	3.02%	0.294%
94	22.539	3318	3324	3328	rBV	1567454	3224175	49.08%	4.771%
95	22.692	3347	3350	3354	rVB	229459	308537	4.70%	0.457%
96	22.974	3393	3398	3403	rBV	785437	1405651	21.40%	2.080%
97	23.063	3409	3413	3421	rVB	1185743	1997709	30.41%	2.956%
98	23.157	3423	3429	3433	rBV	1479106	2497839	38.02%	3.696%
99	25.204	3771	3777	3785	rVB2	629502	1600713	24.37%	2.369%
100	25.827	3878	3883	3894	rVB	392355	1011190	15.39%	1.496%

Sum of corrected areas: 67573690

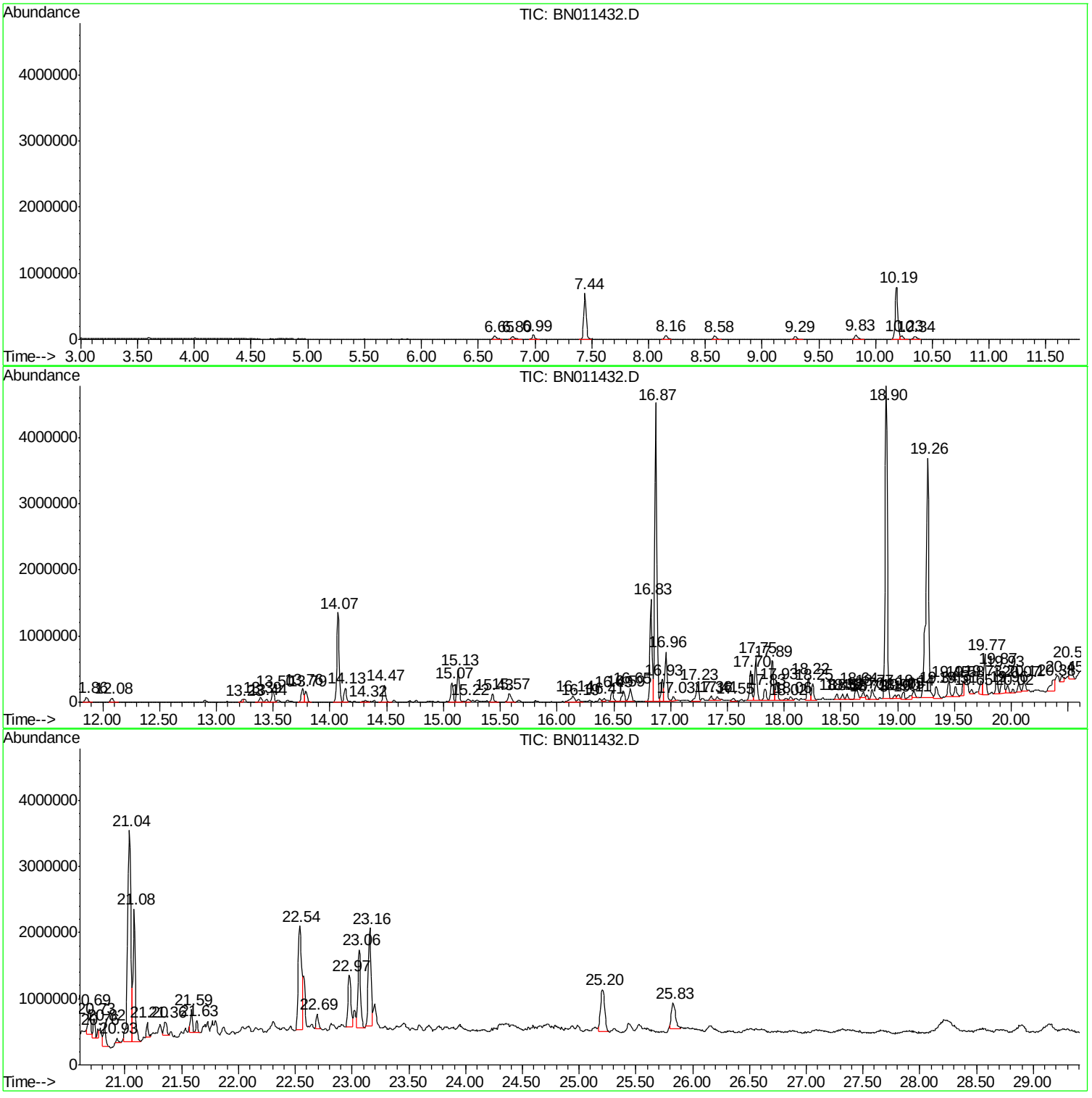
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011432.D
Acq On : 14 Aug 2020 18:48
Operator : CG/JU
Sample : L3631-10DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM6DL

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011432.D
Acq On : 14 Aug 2020 18:48
Operator : CG/JU
Sample : L3631-10DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM6DL

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

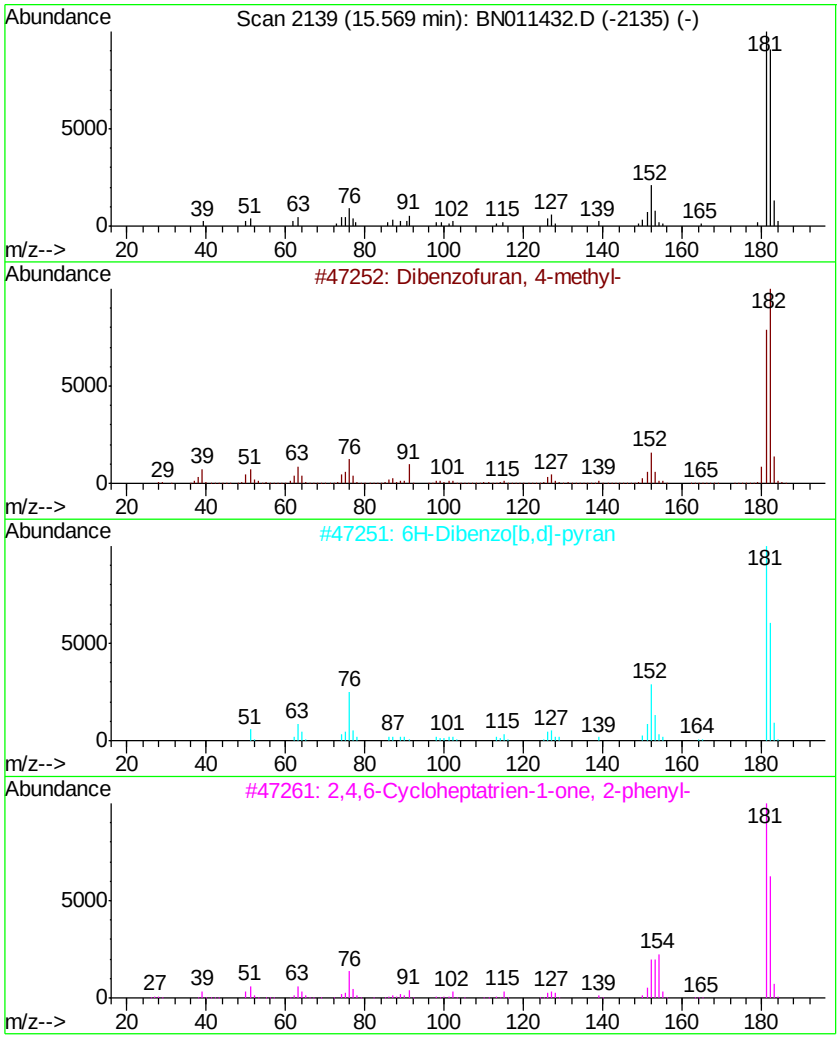
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

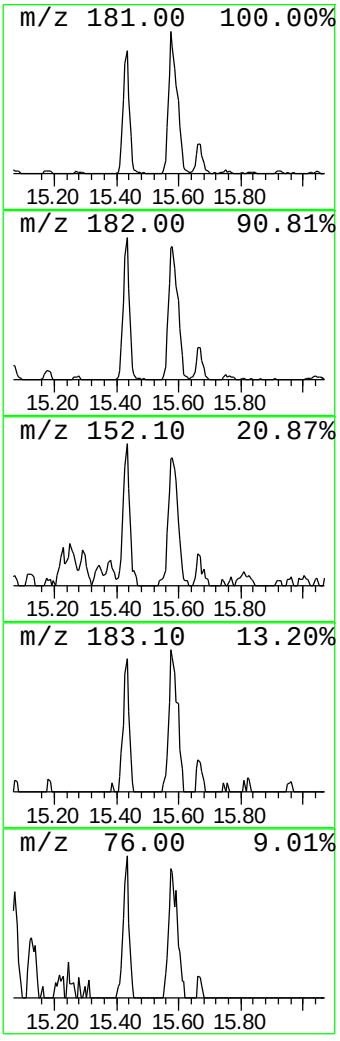
****

Peak Number 1 Dibenzofuran, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	2.32 ng/ul	250858	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	91
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011432.D
Acq On : 14 Aug 2020 18:48
Operator : CG/JU
Sample : L3631-10DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM6DL

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

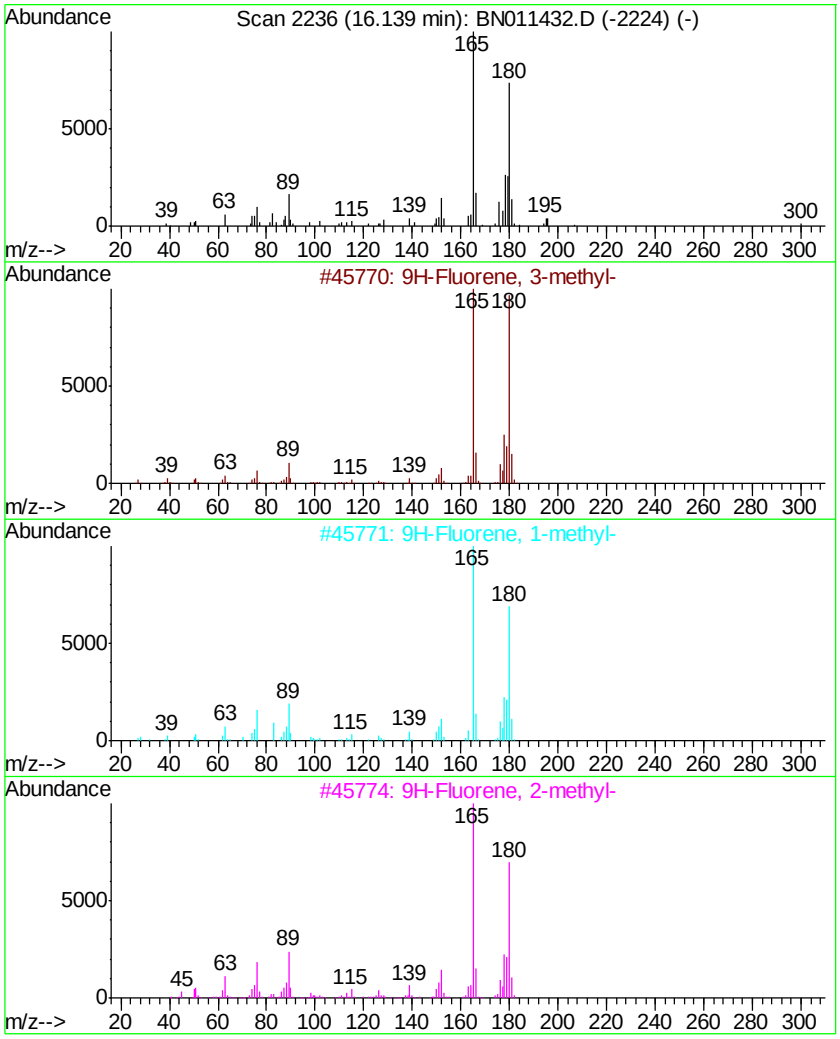
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

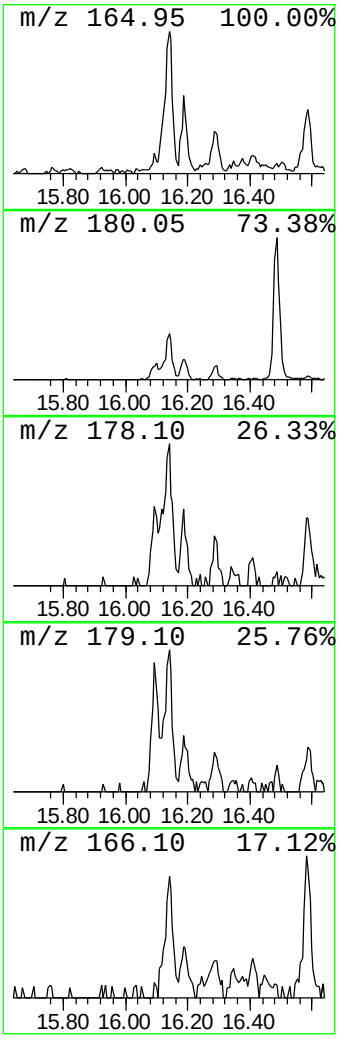
****

Peak Number 2 9H-Fluorene, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	2.09 ng/ul	226812	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011432.D
Acq On : 14 Aug 2020 18:48
Operator : CG/JU
Sample : L3631-10DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM6DL

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

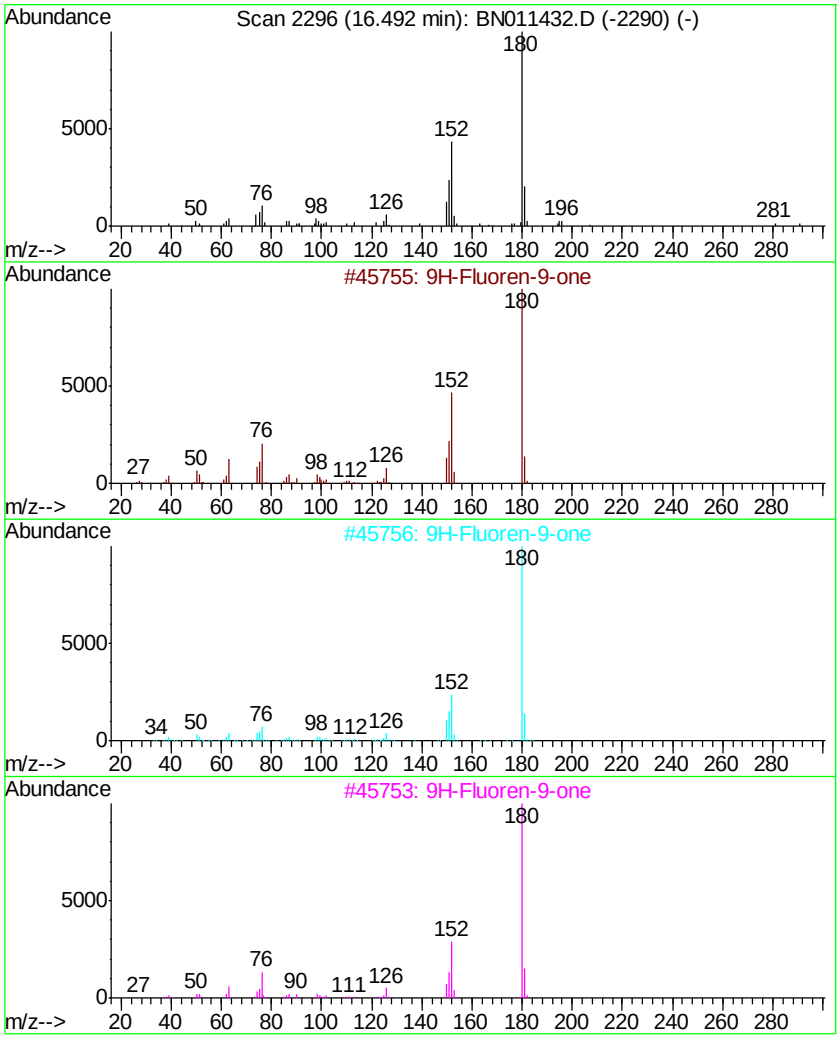
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

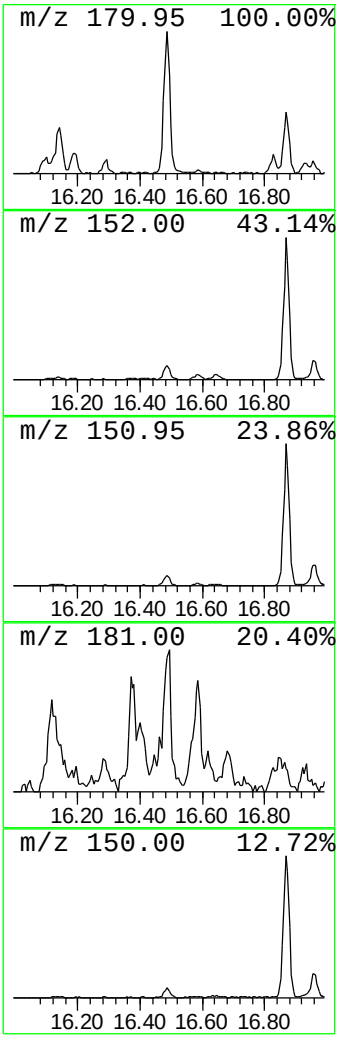
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	2.10 ng/ul	227078	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011432.D
Acq On : 14 Aug 2020 18:48
Operator : CG/JU
Sample : L3631-10DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM6DL

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

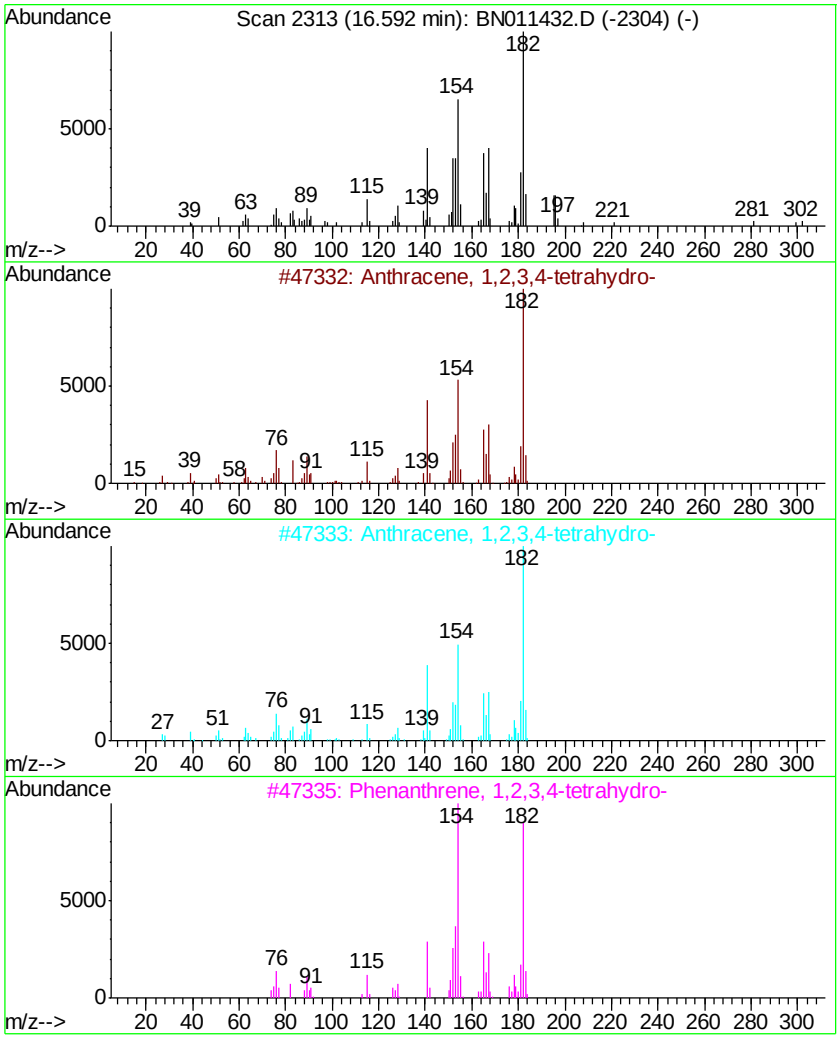
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

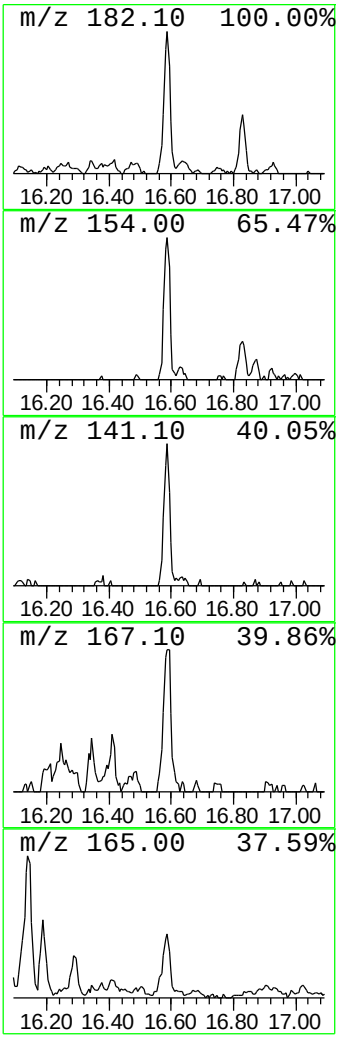
****

Peak Number 4 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	2.69 ng/ul	291405	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	58
4	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	58
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011432.D
Acq On : 14 Aug 2020 18:48
Operator : CG/JU
Sample : L3631-10DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM6DL

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

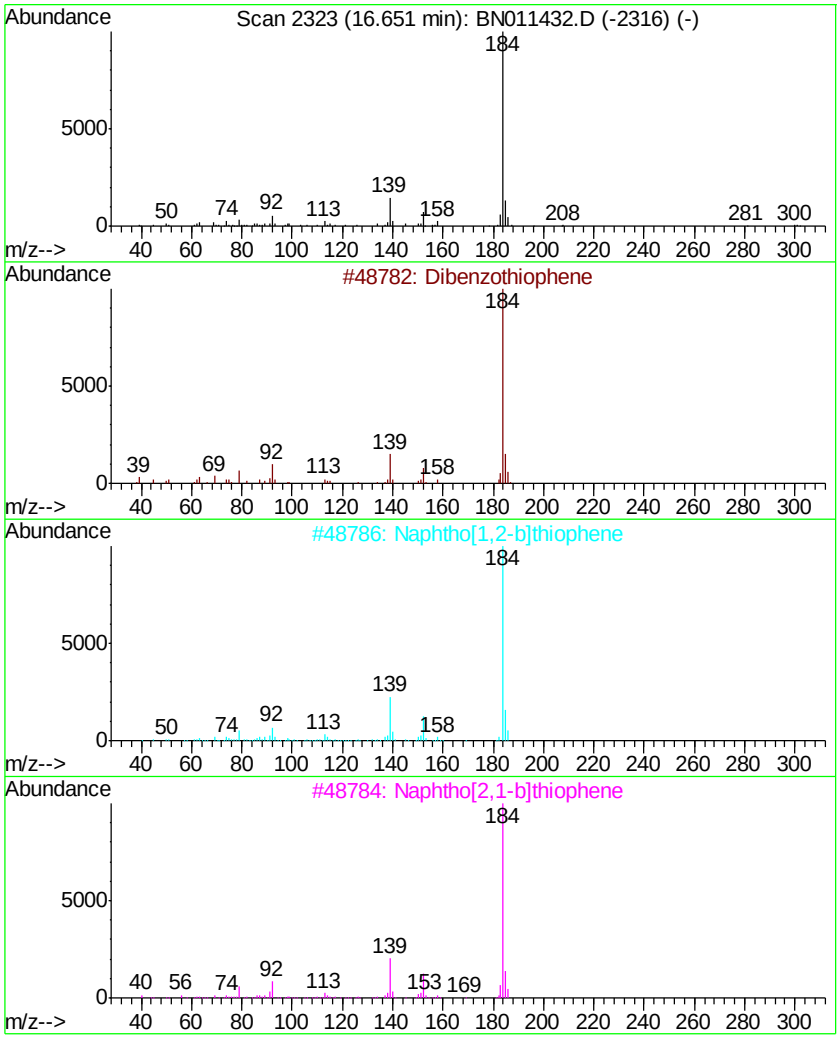
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

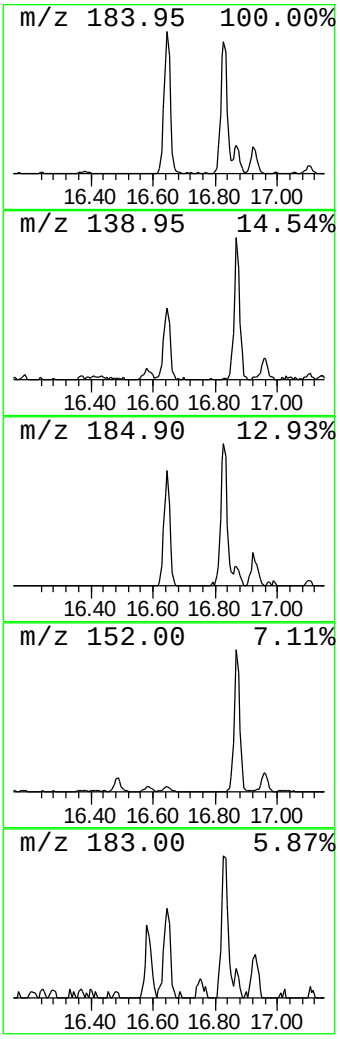
****

Peak Number 5 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	2.55 ng/ul	276681	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
4	Dibenzothiophene	184	C12H8S	000132-65-0	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Acq On : 14 Aug 2020 18:48
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Sample : L3631-10DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM6DL

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Quant Title : SVOA CALIBRATION

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

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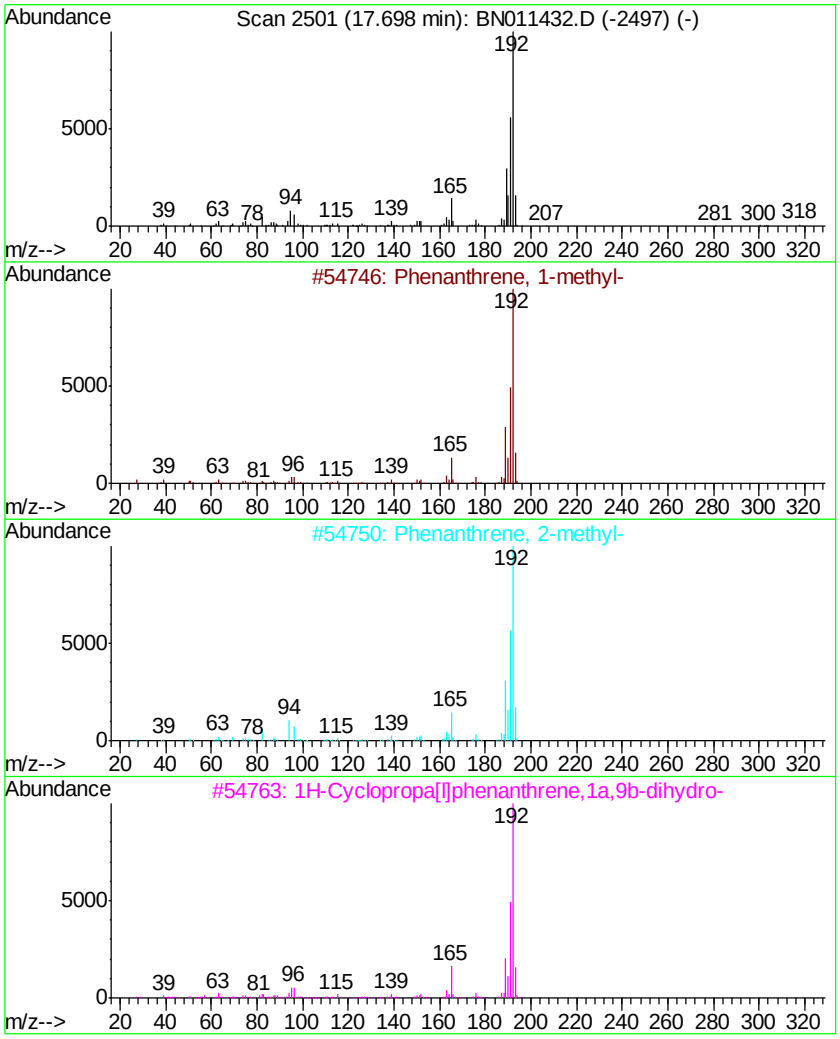
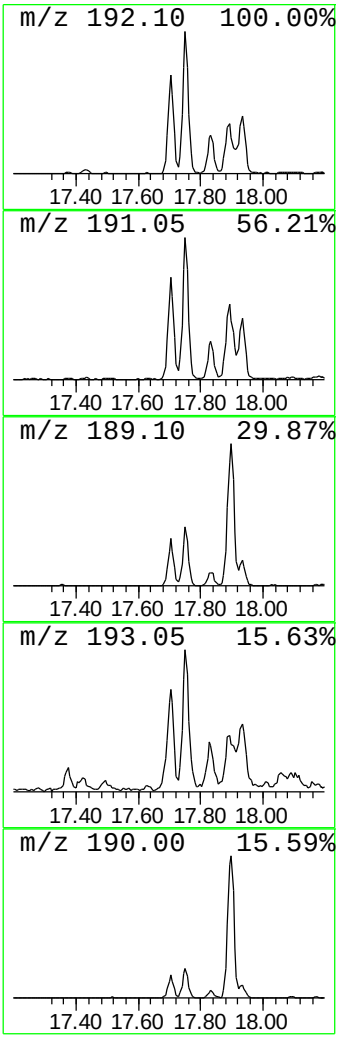
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	5.58 ng/ul	604352	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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Library Search Compound Report

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM6DL

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Quant Title : SVOA CALIBRATION

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

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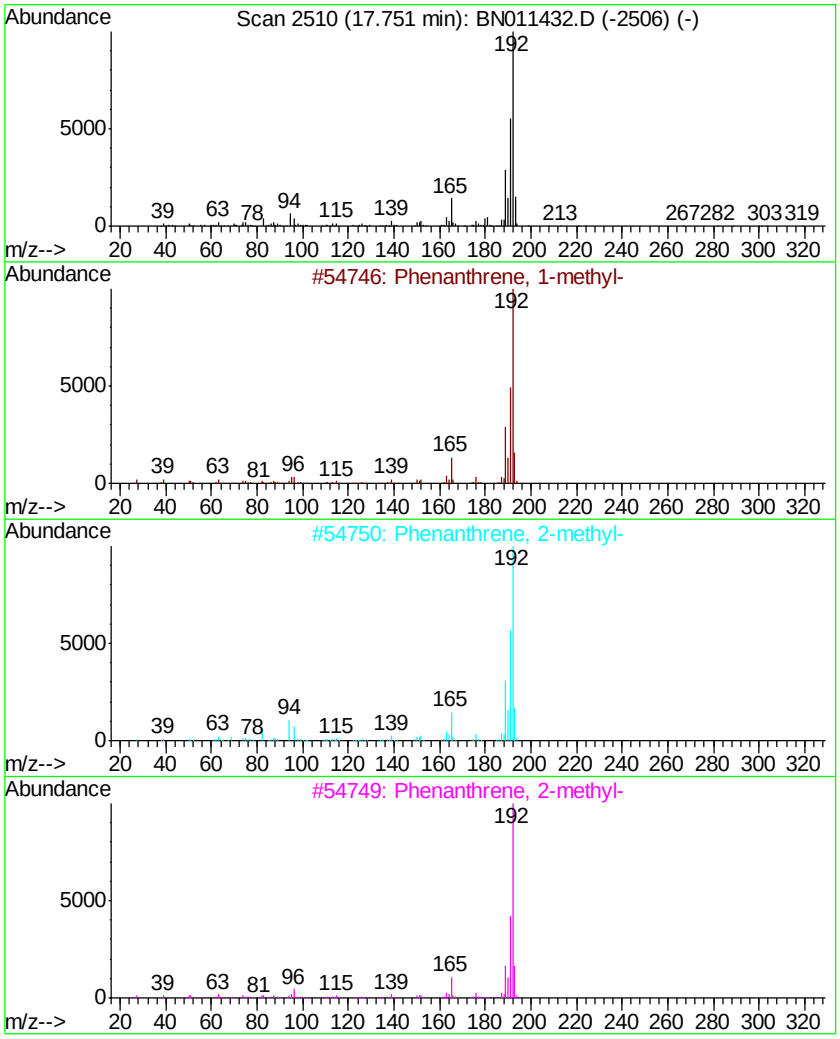
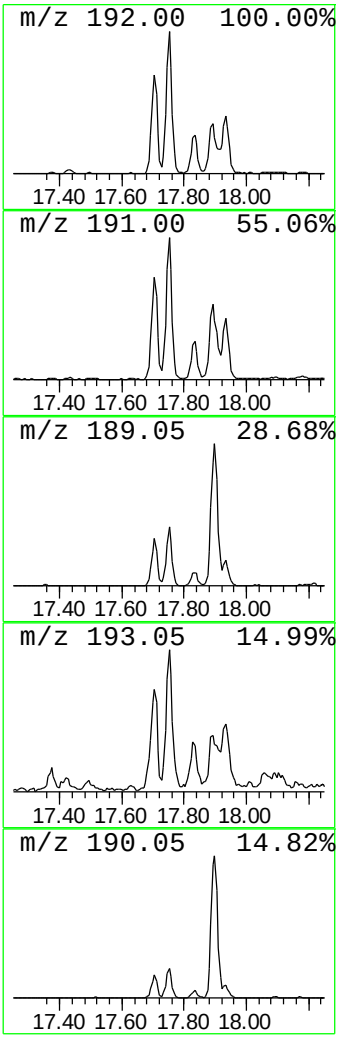
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	8.07 ng/ul	874114	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	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM6DL

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Quant Title : SVOA CALIBRATION

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

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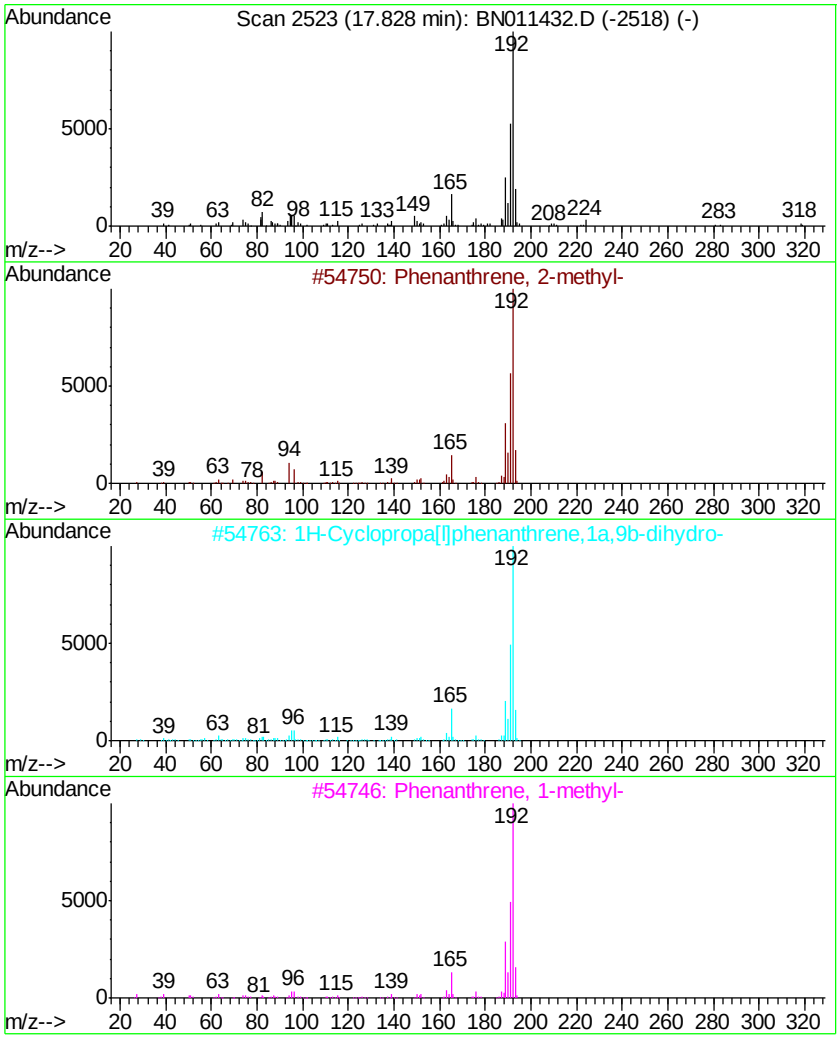
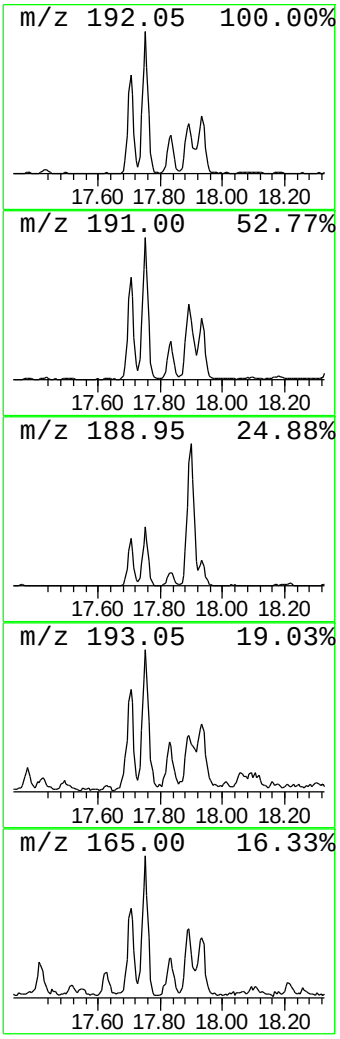
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	2.37 ng/ul	256644	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96





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Operator : CG/JU
Sample : L3631-10DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM6DL

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Quant Title : SVOA CALIBRATION

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

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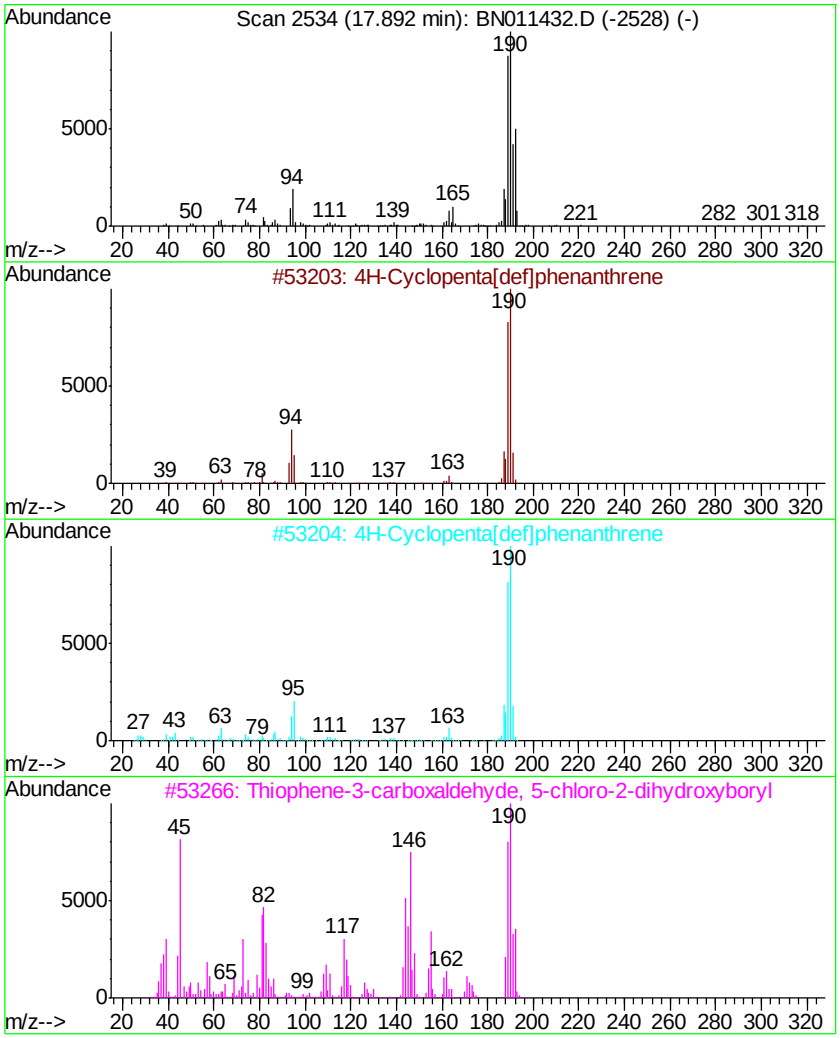
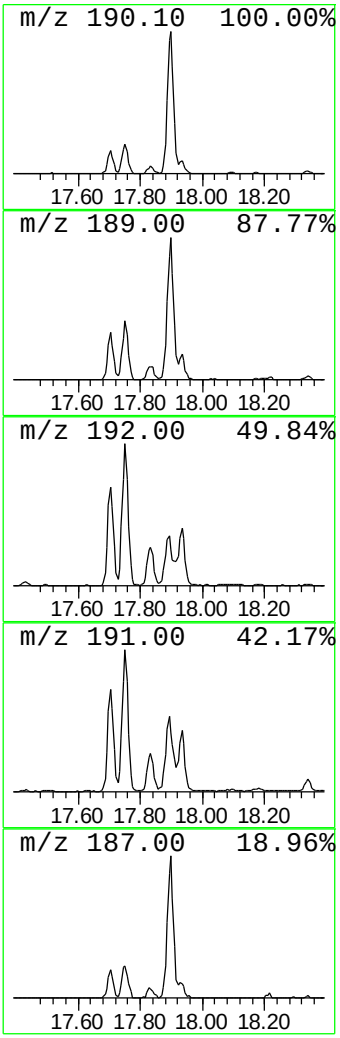
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	9.06 ng/ul	980908	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM6DL

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Quant Title : SVOA CALIBRATION

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

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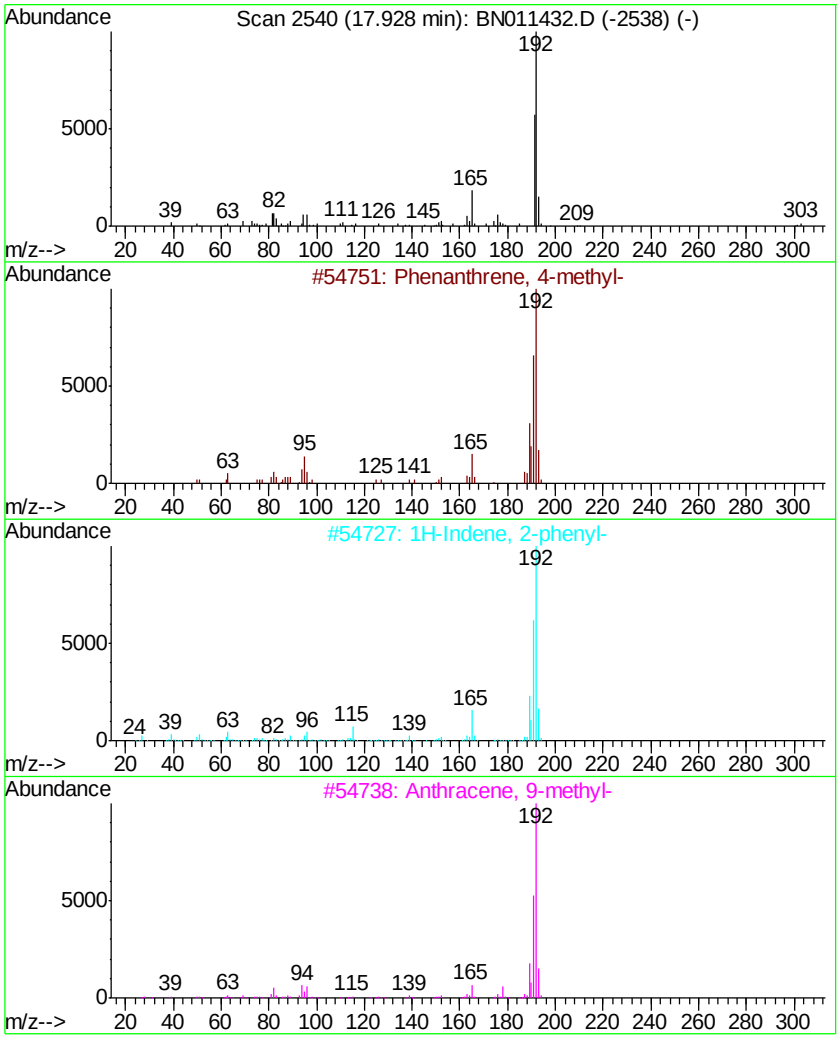
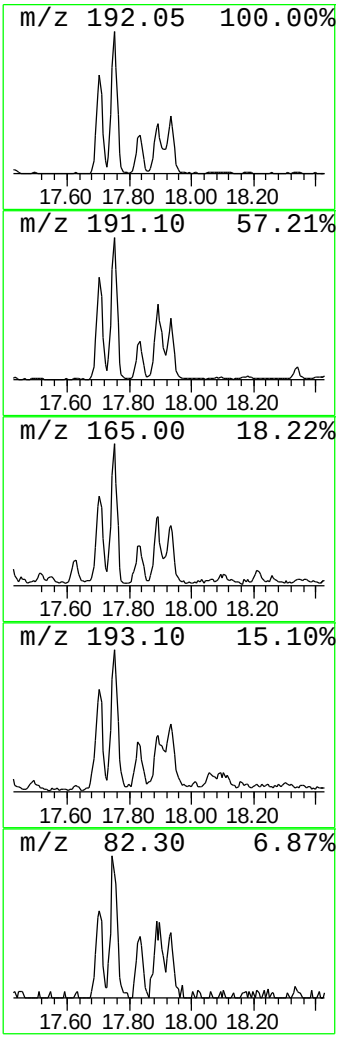
Peak Number 10 Phenanthrene, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	3.38 ng/ul	366000	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87





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Operator : CG/JU
Sample : L3631-10DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM6DL

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Quant Title : SVOA CALIBRATION

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

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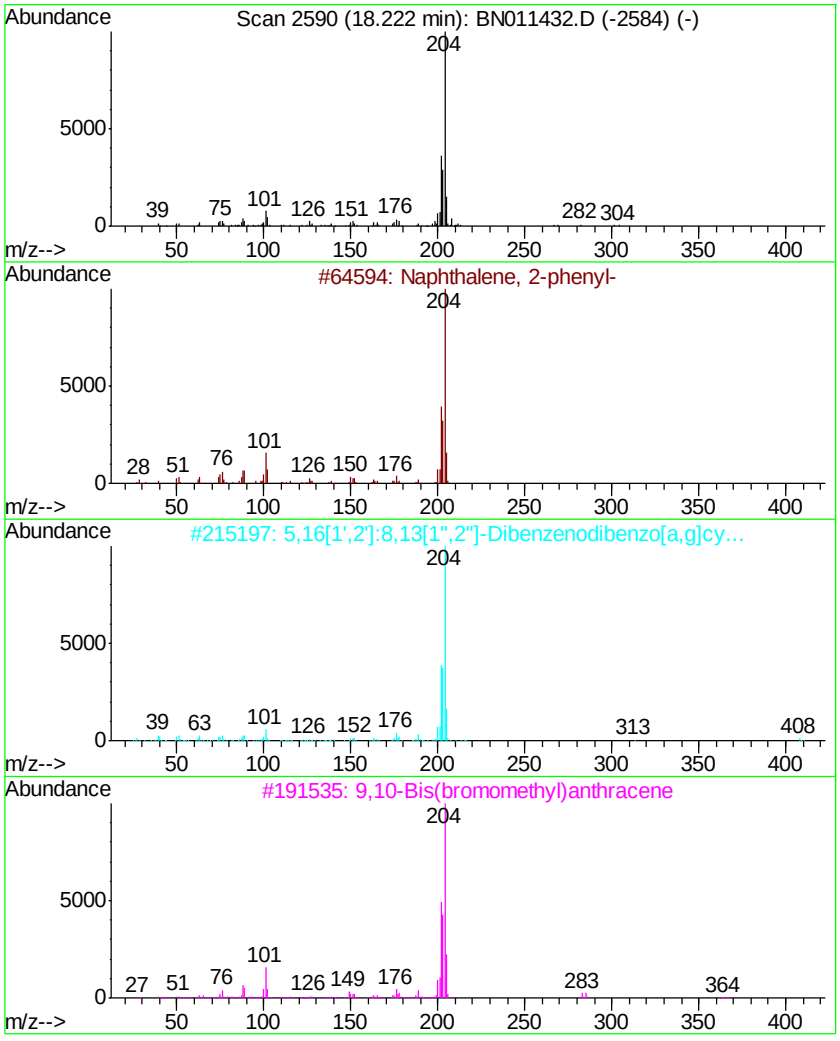
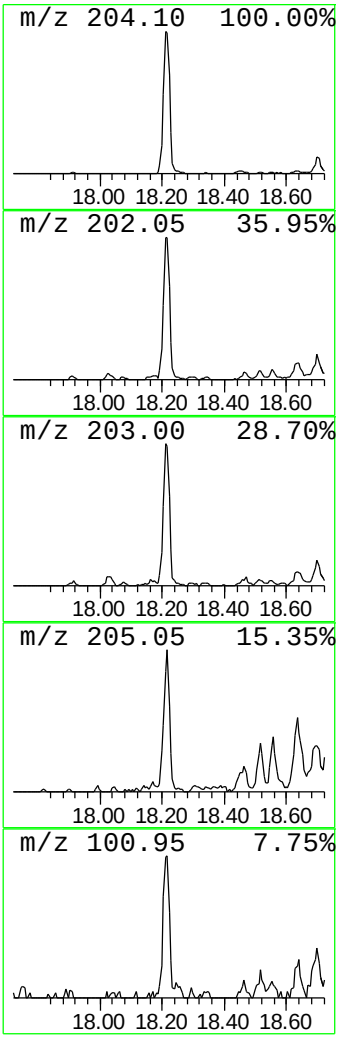
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	4.32 ng/ul	468009	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	83
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Sample : L3631-10DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM6DL

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Quant Title : SVOA CALIBRATION

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

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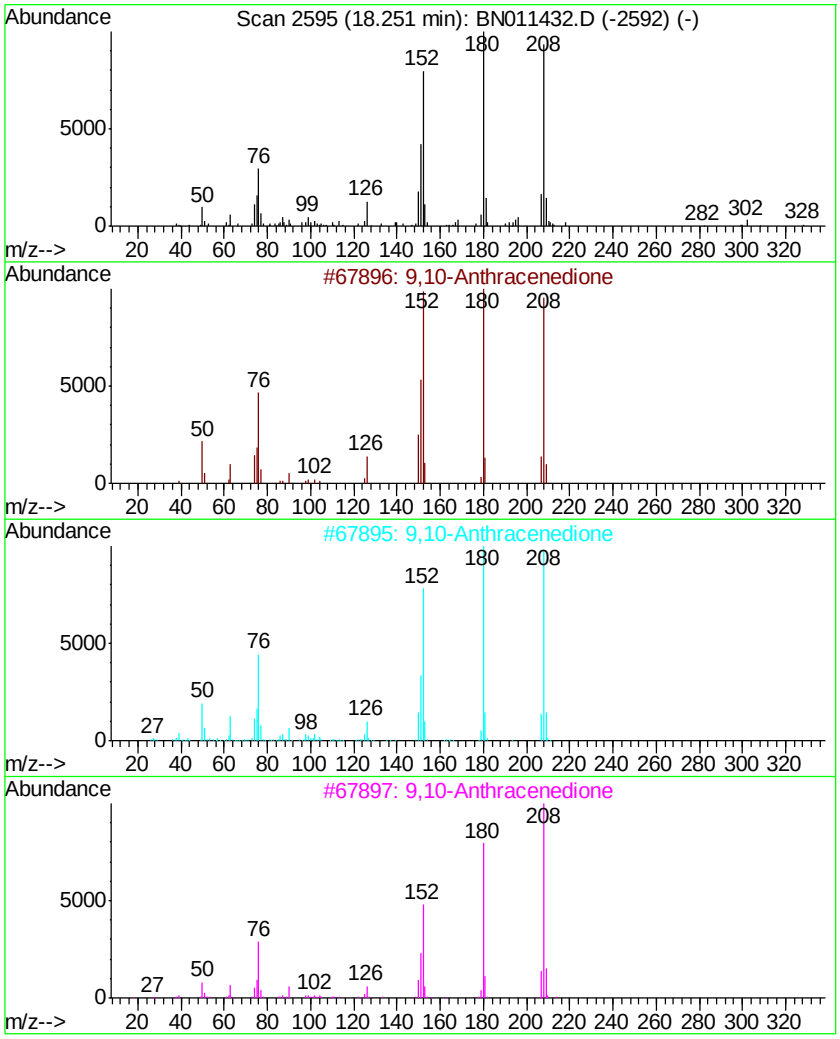
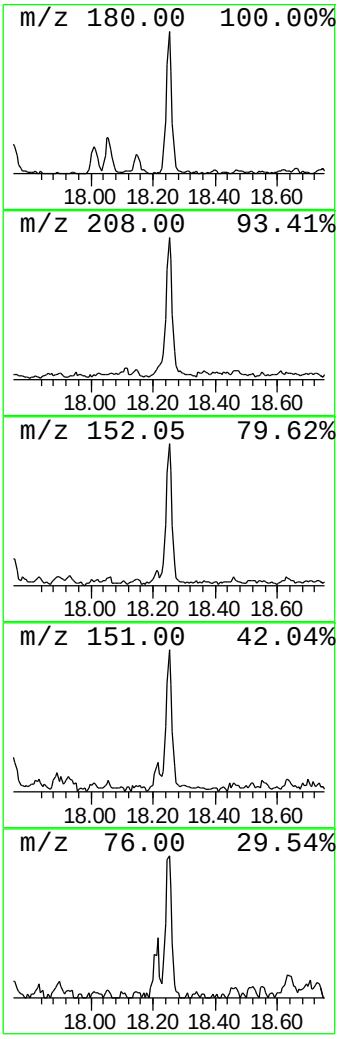
Peak Number 12 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	2.89 ng/ul	313019	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	86
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM6DL

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Quant Title : SVOA CALIBRATION

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

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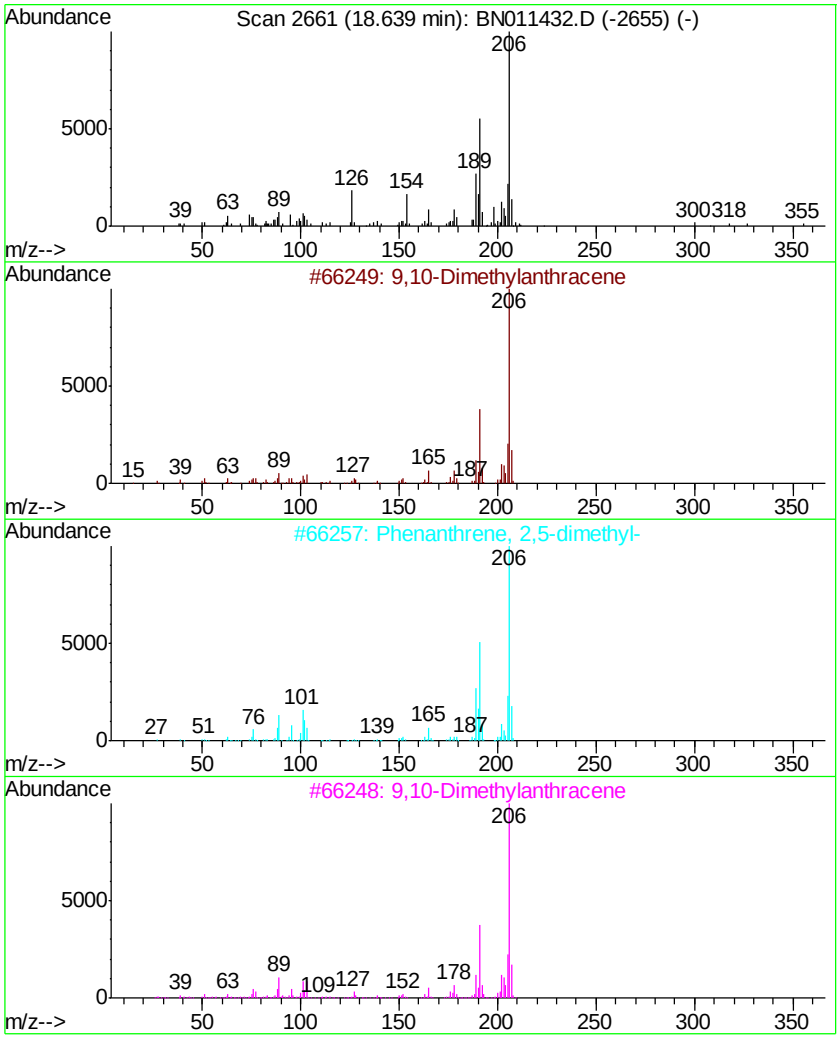
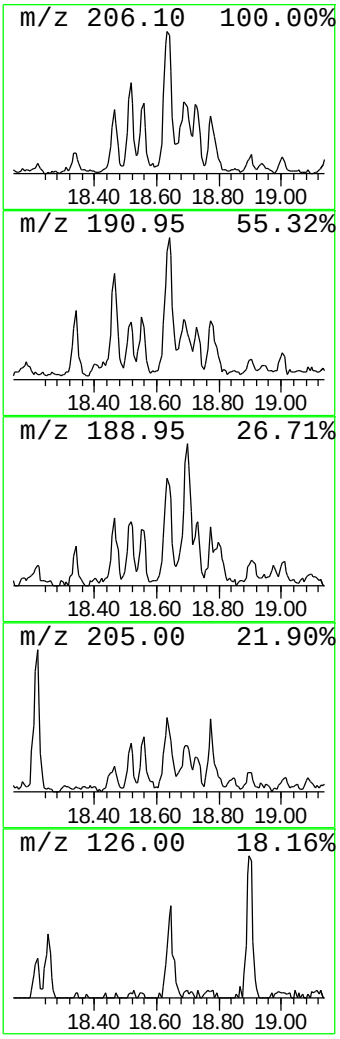
Peak Number 13 9,10-Dimethylanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	2.93 ng/ul	316837	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	92
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	81





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Quant Title : SVOA CALIBRATION

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

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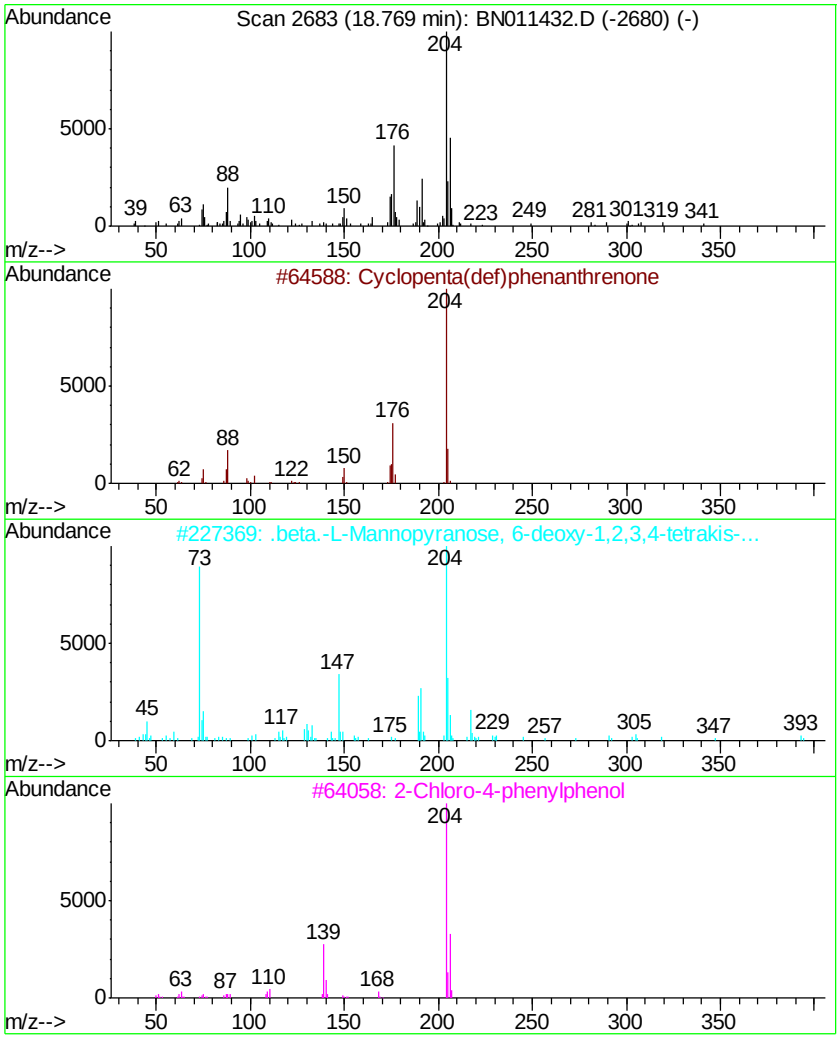
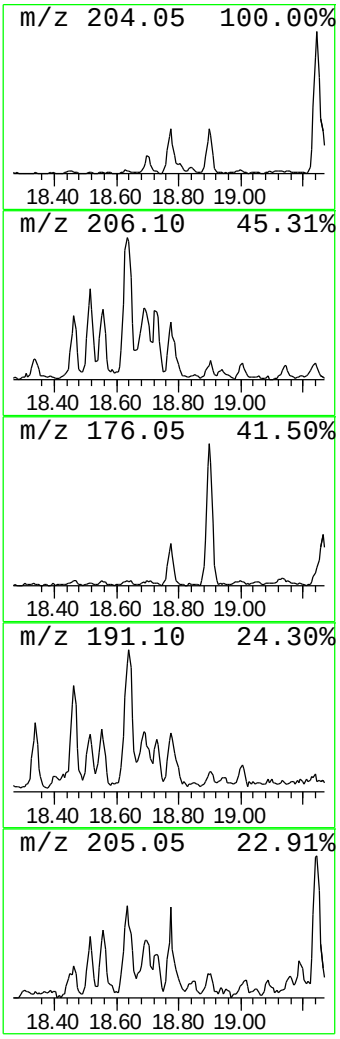
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	2.23 ng/ul	241436	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	55
2	.beta.-L-Mannopyranose, 6-deoxy-...	452	C18H44O5Si4	055057-22-2	47
3	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
4	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	43
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM6DL

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Quant Title : SVOA CALIBRATION

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

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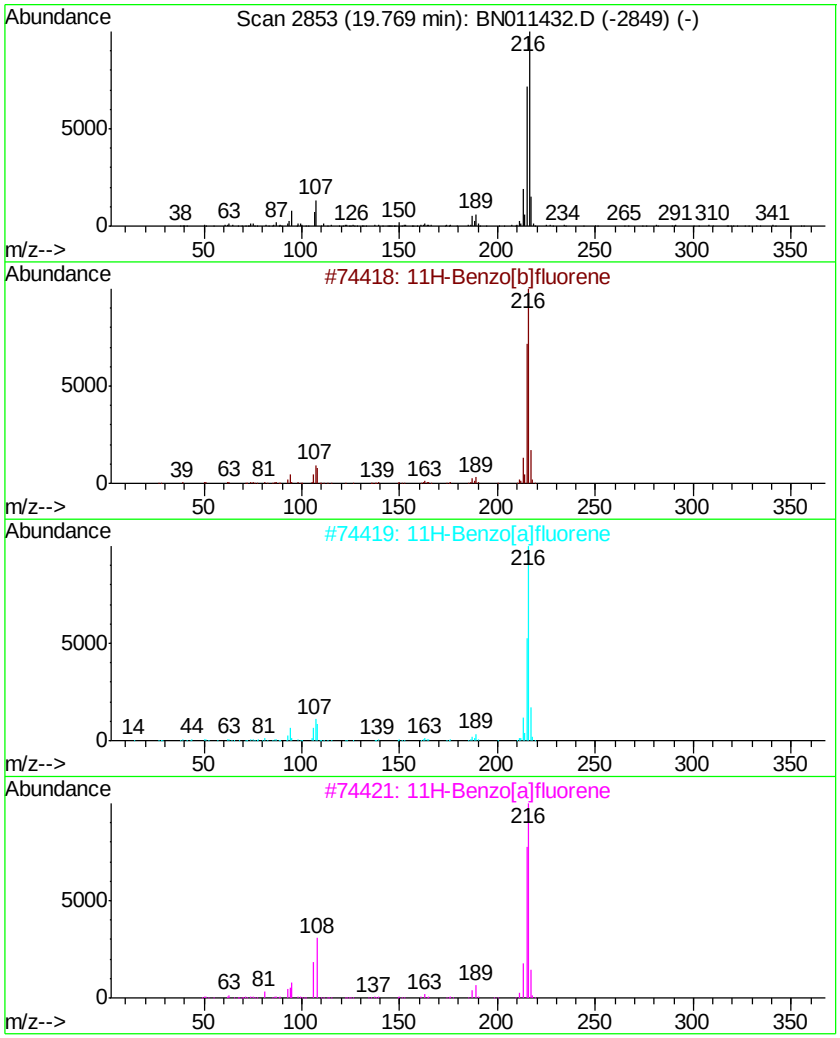
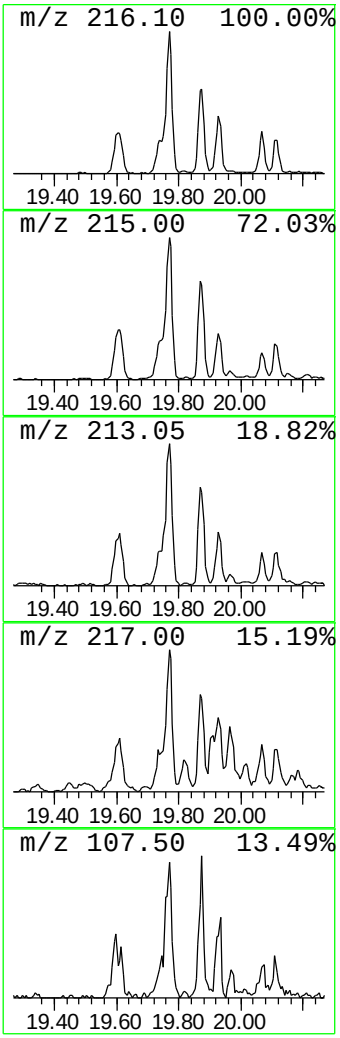
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	2.64 ng/ul	866531	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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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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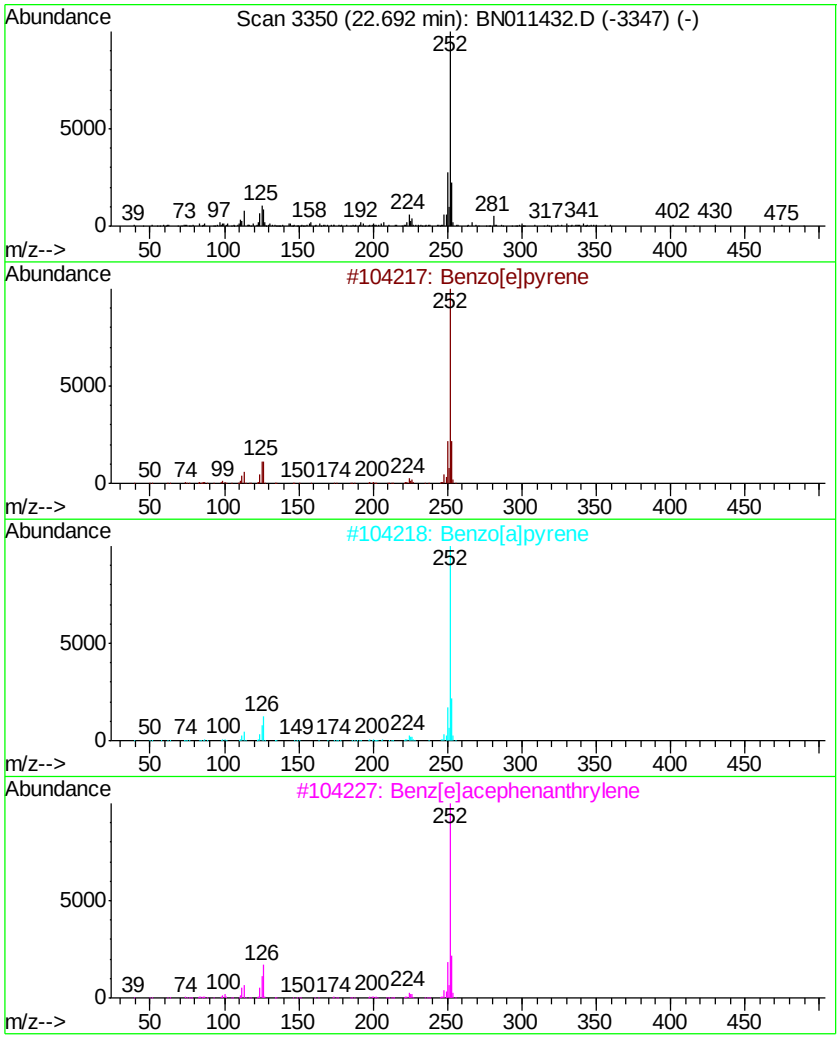
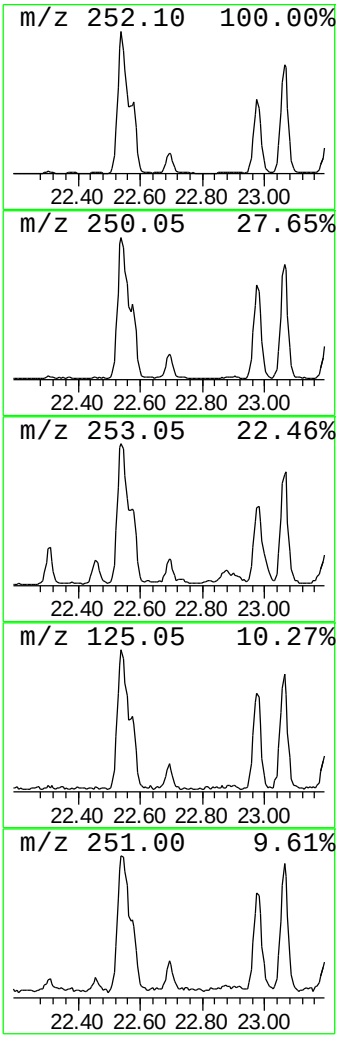
Peak Number 16 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	2.47 ng/ul	308537	Perylene-d12	23.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86





Tentatively Identified Compound (LSC) summary

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Operator : CG/JU
Sample : L3631-10DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMM6DL

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	2.3	ng/ul	250858	4	16.83	2165850	20.0
9H-Fluorene, 3-me...	16.14	2.1	ng/ul	226812	4	16.83	2165850	20.0
9H-Fluoren-9-one	16.49	2.1	ng/ul	227078	4	16.83	2165850	20.0
Anthracene, 1,2,3...	16.59	2.7	ng/ul	291405	4	16.83	2165850	20.0
Dibenzothiophene	16.65	2.5	ng/ul	276681	4	16.83	2165850	20.0
Phenanthrene, 1-m...	17.70	5.6	ng/ul	604352	4	16.83	2165850	20.0
Phenanthrene, 2-m...	17.75	8.1	ng/ul	874114	4	16.83	2165850	20.0
1H-Cyclopropa[l]p...	17.83	2.4	ng/ul	256644	4	16.83	2165850	20.0
4H-Cyclopenta[def...	17.89	9.1	ng/ul	980908	4	16.83	2165850	20.0
Phenanthrene, 4-m...	17.93	3.4	ng/ul	366000	4	16.83	2165850	20.0
Naphthalene, 2-ph...	18.22	4.3	ng/ul	468009	4	16.83	2165850	20.0
9,10-Anthracenedione	18.25	2.9	ng/ul	313019	4	16.83	2165850	20.0
9,10-Dimethylanth...	18.64	2.9	ng/ul	316837	4	16.83	2165850	20.0
Cyclopenta(def)ph...	18.77	2.2	ng/ul	241436	4	16.83	2165850	20.0
11H-Benzo[b]fluorene	19.77	2.6	ng/ul	866531	5	21.05	6569400	20.0
Benzo[e]pyrene	22.69	2.5	ng/ul	308537	6	23.16	2497840	20.0