LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\
Data File : BM023874.D
Acq On : 23 Nov 2019 01:34
Operator : JU
Sample : K5854-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC9

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-BM111119MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.057	26	29	39	rVB2	58493	102787	0.27%	0.027%
2	3.552	110	113	120	rBV	64616	88473	0.23%	0.024%
3	6.698	639	648	663	rBV2	958372	1988177	5.19%	0.529%
4	6.857	669	675	693	rVB	742172	1256100	3.28%	0.334%
5	7.045	700	707	719	rBV	1073524	1715125	4.48%	0.456%
6	7.510	779	786	794	rBV	1364582	2154297	5.63%	0.573%
7	8.228	901	908	921	rBV	1038230	1761133	4.60%	0.469%
8	8.657	975	981	992	rVB	913807	1520788	3.97%	0.405%
9	9.375	1097	1103	1111	rBV	766133	1290708	3.37%	0.343%
10	9.916	1187	1195	1207	rBV	1213229	2178805	5.69%	0.580%
11	10.281	1249	1257	1264	rBV	1817108	3077184	8.04%	0.819%
12	10.428	1275	1282	1299	rBV	770690	1544533	4.03%	0.411%
13	13.492	1789	1803	1808	rBV3	54910	123169	0.32%	0.033%
14	13.586	1814	1819	1824	rVV	2249707	3112621	8.13%	0.828%
15	13.633	1824	1827	1834	rVV	580114	778545	2.03%	0.207%
16	13.857	1858	1865	1878	rBV	2791209	4244165	11.09%	1.129%
17	14.169	1911	1918	1924	rBV	2882032	4239343	11.07%	1.128%
18	14.233	1924	1929	1939	rVB	441873	660052	1.72%	0.176%
19	14.410	1949	1959	1968	rBV	440795	940378	2.46%	0.250%
20	14.574	1980	1987	1990	rBV	181040	305029	0.80%	0.081%
21	14.610	1990	1993	1998	rVV2	124077	201408	0.53%	0.054%
22	15.168	2082	2088	2094	rBV	3529782	5068240	13.24%	1.348%
23	15.227	2094	2098	2103	rVB	607632	844202	2.21%	0.225%
24	15.310	2107	2112	2117	rBV	360206	546163	1.43%	0.145%
25	15.386	2122	2125	2132	rVB2	63683	125528	0.33%	0.033%
26	15.474	2137	2140	2144	rVV2	50116	84938	0.22%	0.023%
27	15.527	2144	2149	2159	rVB	151955	260631	0.68%	0.069%
28	15.668	2168	2173	2182	rVB	151507	294676	0.77%	0.078%
29	15.757	2182	2188	2193	rVB4	43543	92347	0.24%	0.025%
30	15.910	2209	2214	2219	rBV3	111832	178271	0.47%	0.047%
31	16.233	2263	2269	2274	rVV3	112800	211978	0.55%	0.056%
32	16.280	2274	2277	2283	rVB3	84951	120126	0.31%	0.032%
33	16.504	2312	2315	2318	rVV3	70546	84291	0.22%	0.022%
34	16.580	2324	2328	2336	rVB	278473	428094	1.12%	0.114%

LSC Area Percent Report

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC9

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-BM111119MA.M
Title : SVOA CALIBRATION

35	16.662	2338	2342	2346	rVV	105635	188447	0.49%	0.050%
36	16.710	2347	2350	2351	rVV2	124082	145485	0.38%	0.039%
37	16.739	2351	2355	2364	rVB	557439	848964	2.22%	0.226%
38	16.845	2369	2373	2380	rBV3	113382	196541	0.51%	0.052%
39	16.921	2380	2386	2390	rBV	3187308	5111998	13.35%	1.360%
40	16.968	2390	2394	2399	rVV	13281767	17715470	46.28%	4.713%
41	17.021	2399	2403	2406	rVV2	3917971	5534253	14.46%	1.472%
42	17.057	2406	2409	2415	rVV	2146935	2848744	7.44%	0.758%
43	17.121	2415	2420	2426	rVV	340899	513365	1.34%	0.137%
44	17.327	2448	2455	2460	rBV	1033960	1663548	4.35%	0.443%
45	17.445	2472	2475	2482	rBV3	241060	325443	0.85%	0.087%
46	17.504	2482	2485	2495	rVB4	165501	295358	0.77%	0.079%
47	17.727	2519	2523	2527	rBV3	116851	162373	0.42%	0.043%
48	17.798	2530	2535	2539	rVV	1038360	1511595	3.95%	0.402%
49	17.845	2539	2543	2551	rVV	2207987	3172847	8.29%	0.844%
50	17.927	2553	2557	2562	rVV	320205	537609	1.40%	0.143%
51	17.992	2563	2568	2572	rVV2	2357799	3681969	9.62%	0.980%
52	18.033	2572	2575	2582	rVB	622515	872946	2.28%	0.232%
53	18.151	2592	2595	2599	rBV3	173373	213461	0.56%	0.057%
54	18.309	2617	2622	2625	rBV	976399	1346066	3.52%	0.358%
55	18.351	2625	2629	2635	rVB	1882813	2469745	6.45%	0.657%
56	18.556	2661	2664	2668	rBV	232467	273869	0.72%	0.073%
57	18.609	2670	2673	2676	rVV	289438	351569	0.92%	0.094%
58	18.651	2677	2680	2683	rVB	246420	291856	0.76%	0.078%
59	18.733	2689	2694	2698	rBV	589501	1014322	2.65%	0.270%
60	18.792	2700	2704	2707	rVV3	264312	440123	1.15%	0.117%
61	18.874	2713	2718	2725	rBV	771058	1311490	3.43%	0.349%
62	18.998	2733	2739	2746	rVB	28046711	38282080	100.00%	10.185%
63	19.098	2753	2756	2760	rVB2	370358	455346	1.19%	0.121%
64	19.139	2760	2763	2767	rBV2	359560	497264	1.30%	0.132%
65	19.239	2776	2780	2784	rVB	626744	937193	2.45%	0.249%
66	19.333	2790	2796	2797	rBV2	8287811	10526351	27.50%	2.801%
67	19.362	2797	2801	2809	rVV	21571178	30527978	79.74%	8.122%
68	19.433	2809	2813	2821	rVB3	822229	1471580	3.84%	0.392%
69	19.539	2828	2831	2838	rVB	914394	1208399	3.16%	0.321%
70	19.603	2838	2842	2848	rVB	863235	1345836	3.52%	0.358%
71	19.692	2851	2857	2862	rBV2	859754	2155296	5.63%	0.573%

LSC Area Percent Report

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Operator : JU
Sample : K5854-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC9

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-BM111119MA.M
Title : SVOA CALIBRATION

72	19.739	2863	2865	2869	rVB	471536	482378	1.26%	0.128%
73	19.821	2876	2879	2881	rBV4	651250	879068	2.30%	0.234%
74	19.862	2882	2886	2890	rVB2	2813540	3757463	9.82%	1.000%
75	19.962	2899	2903	2907	rBV	2559121	3116403	8.14%	0.829%
76	20.015	2908	2912	2916	rVV2	1456566	2280688	5.96%	0.607%
77	20.056	2916	2919	2923	rVB	829051	1072773	2.80%	0.285%
78	20.156	2933	2936	2940	rVB	626253	667242	1.74%	0.178%
79	20.203	2940	2944	2948	rBV3	775924	1131535	2.96%	0.301%
80	20.609	3010	3013	3020	rVB	1253168	1885967	4.93%	0.502%
81	20.774	3037	3041	3045	rBV	2122975	2945740	7.69%	0.784%
82	20.815	3045	3048	3051	rVV	1591436	1795238	4.69%	0.478%
83	20.862	3051	3056	3060	rVV2	2500657	4808006	12.56%	1.279%
84	20.909	3061	3064	3068	rVB	1813083	2279354	5.95%	0.606%
85	21.121	3095	3100	3104	rBV3	13595485	23288024	60.83%	6.196%
86	21.168	3104	3108	3117	rVB	13301883	18011628	47.05%	4.792%
87	21.286	3124	3128	3132	rBV	2638259	3847200	10.05%	1.024%
88	21.439	3150	3154	3159	rBV2	1750136	2512316	6.56%	0.668%
89	21.745	3200	3206	3210	rVB3	2573660	4628508	12.09%	1.231%
90	22.292	3296	3299	3308	rVB	2604506	3907510	10.21%	1.040%
91	22.397	3313	3317	3325	rVV3	1198018	2794058	7.30%	0.743%
92	22.656	3354	3361	3365	rBV	13323147	28977300	75.69%	7.709%
93	22.809	3384	3387	3392	rVB	1895539	2740424	7.16%	0.729%
94	23.103	3432	3437	3442	rBV	6500376	12045974	31.47%	3.205%
95	23.150	3442	3445	3448	rVV	3472940	5698395	14.89%	1.516%
96	23.197	3449	3453	3459	rVB	11701068	19340144	50.52%	5.145%
97	23.286	3463	3468	3472	rVV	3187256	5853126	15.29%	1.557%
98	23.333	3472	3476	3484	rVB	3066440	5700082	14.89%	1.517%
99	25.433	3826	3833	3844	rVB	5928706	15802056	41.28%	4.204%
100	26.091	3937	3945	3956	rVB	4076548	11550960	30.17%	3.073%

Sum of corrected areas: 375868644

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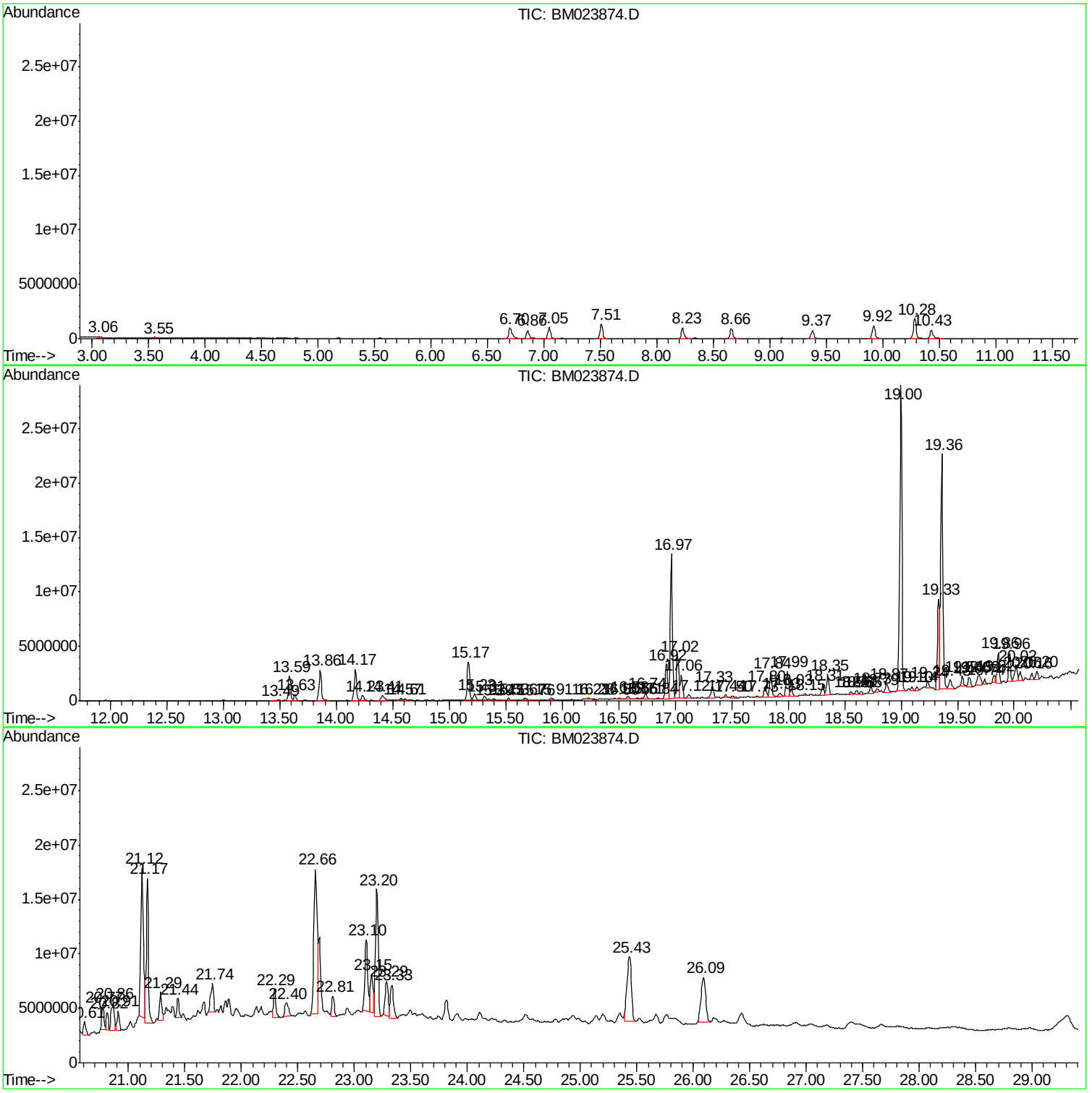
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

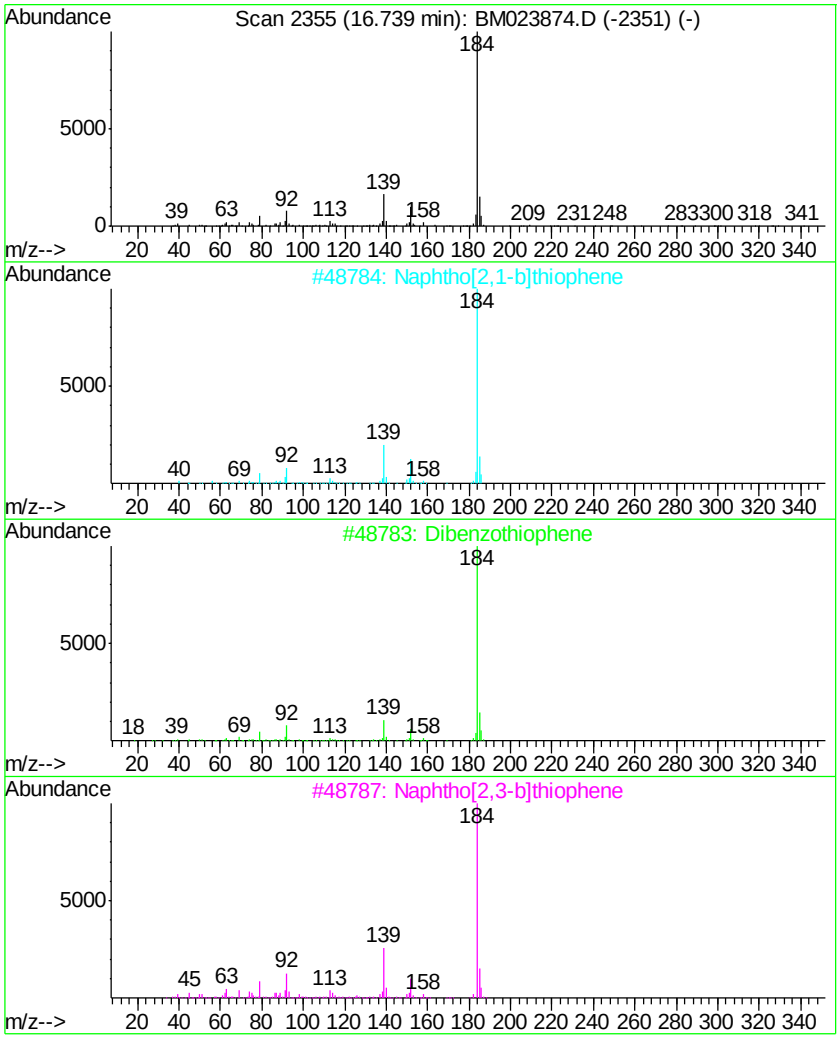
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

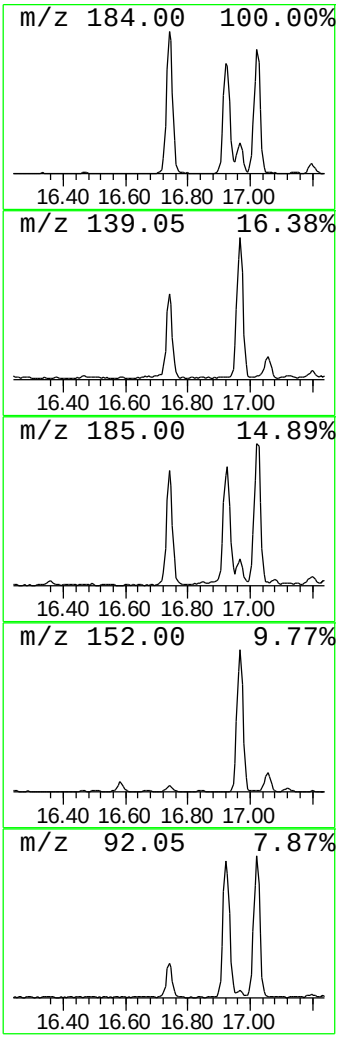
****

Peak Number 1 Naphtho[2,1-b]thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	3.32 ng/ul	848964	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\
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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

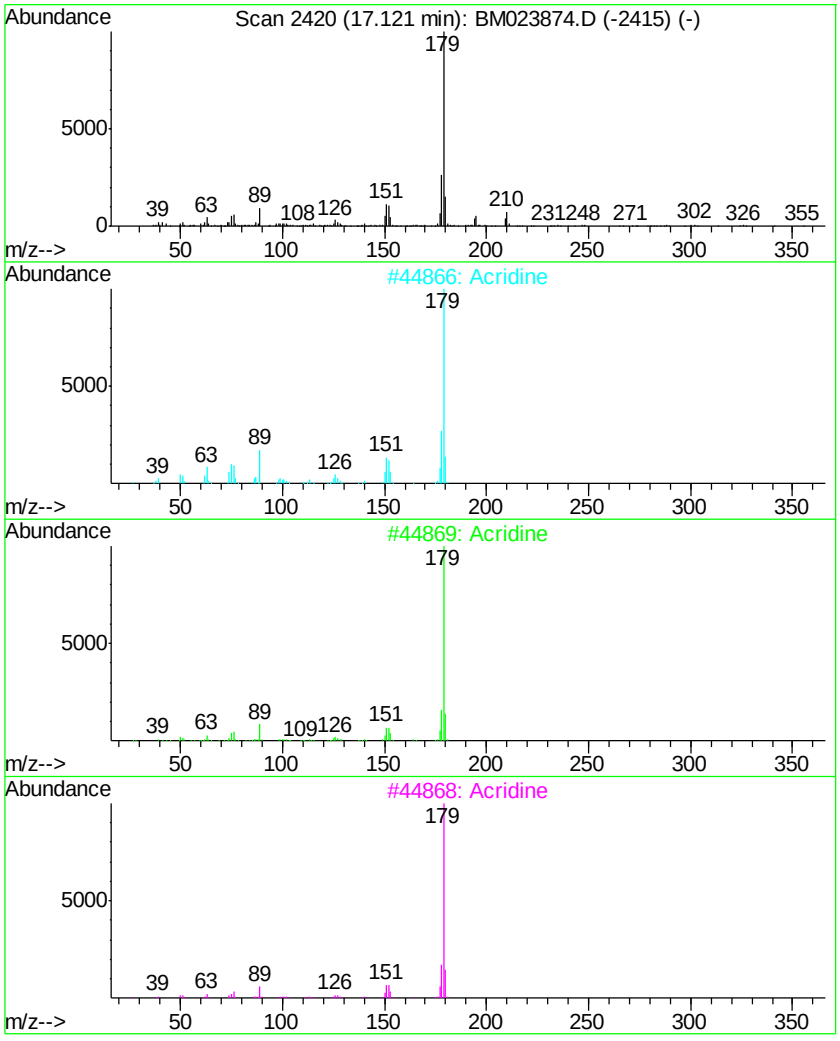
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

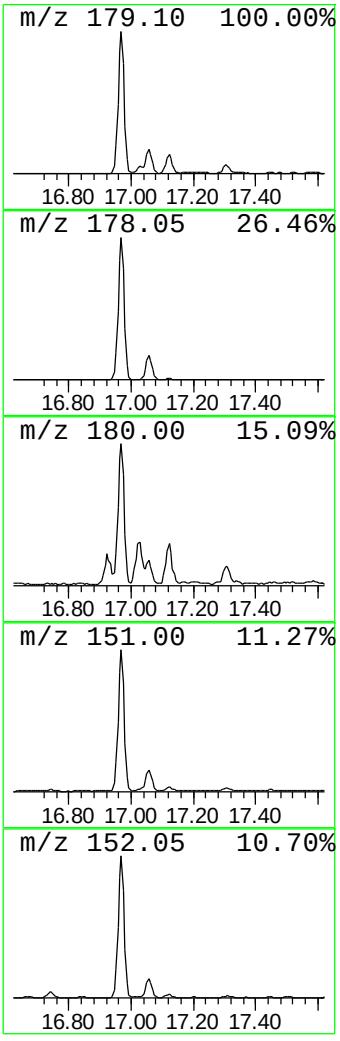
****

Peak Number 2 Acridine Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	2.01 ng/ul	513365	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	95
2	Acridine	179	C13H9N	000260-94-6	94
3	Acridine	179	C13H9N	000260-94-6	94
4	Benzo[h]quinoline	179	C13H9N	000230-27-3	94
5	Benzo[f]quinoline	179	C13H9N	000085-02-9	94





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Quant Title : SVOA CALIBRATION

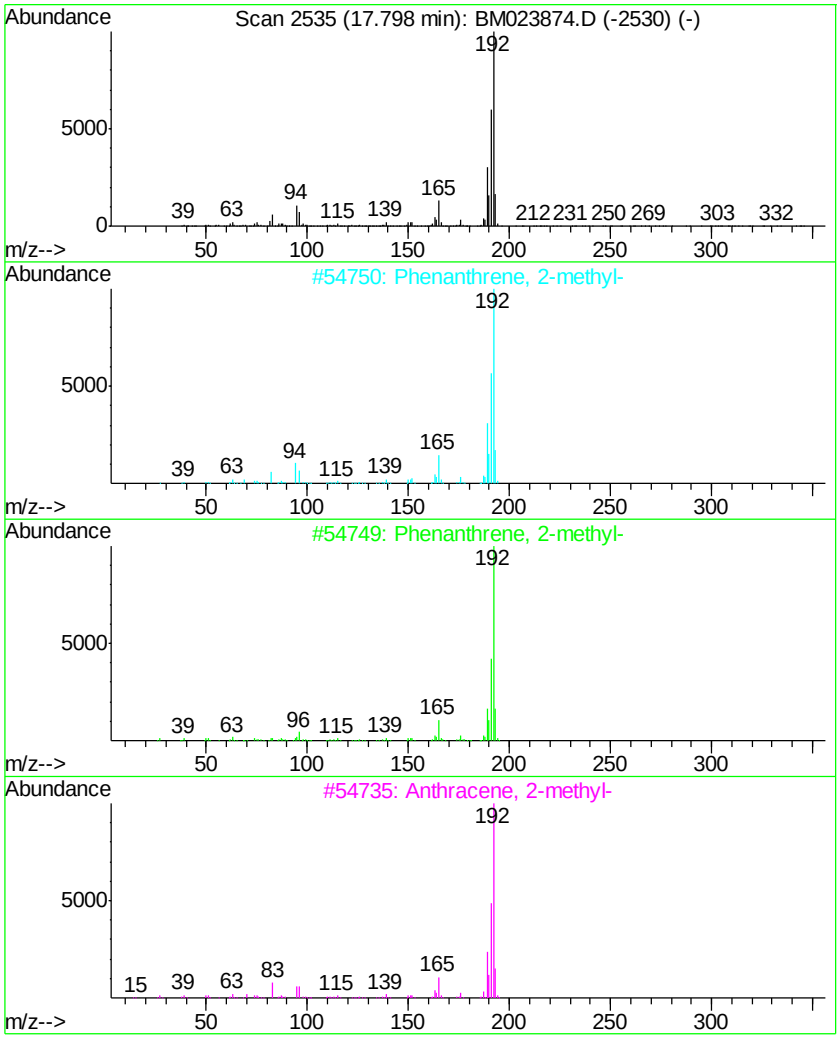
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

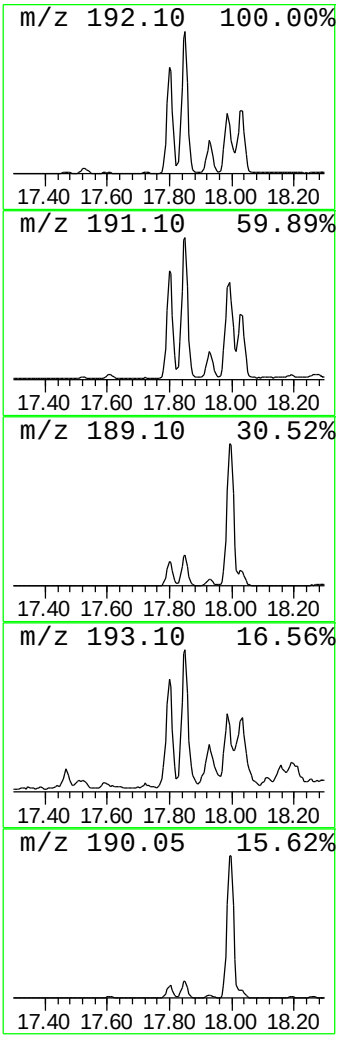
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	5.91 ng/ul	1511600	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

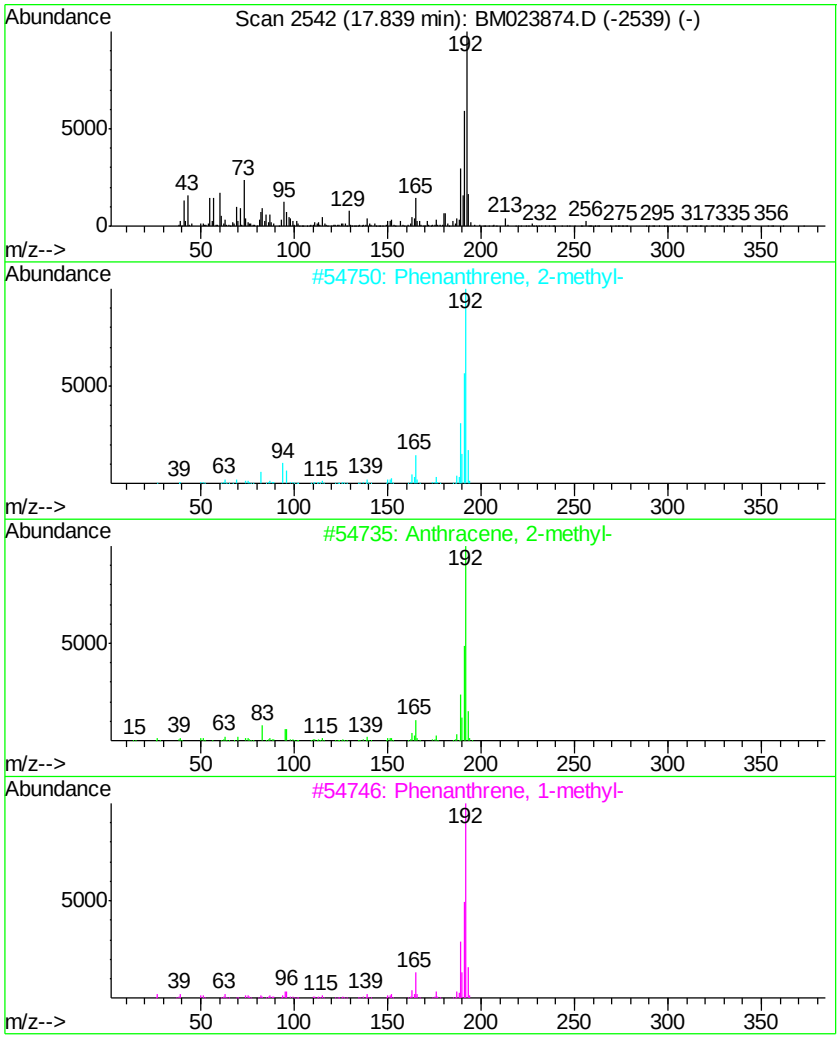
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

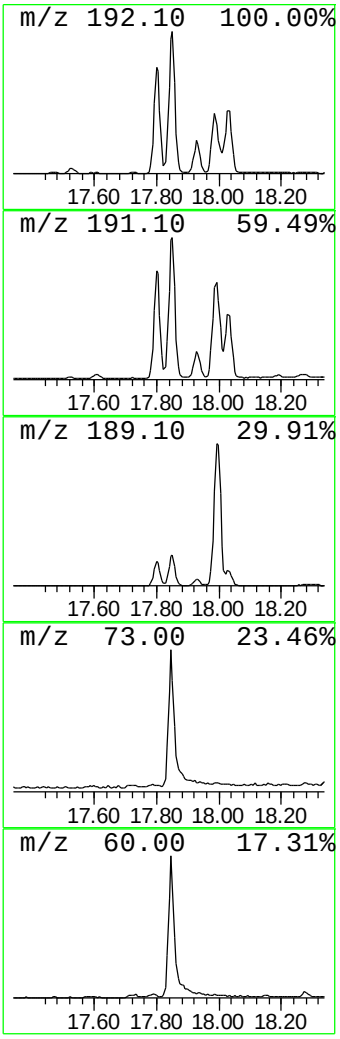
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	12.41 ng/ul	3172850	Phenanthrene-d10	16.92

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





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Data File : BM023874.D
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Operator : JU
Sample : K5854-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC9

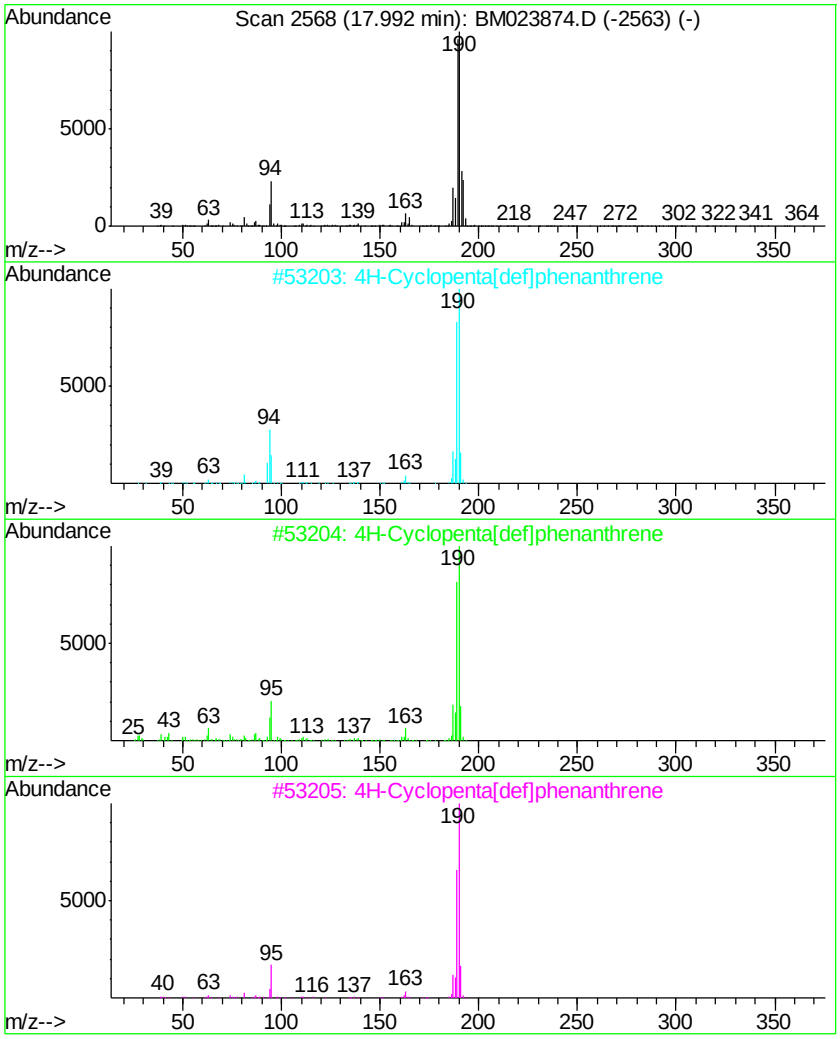
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

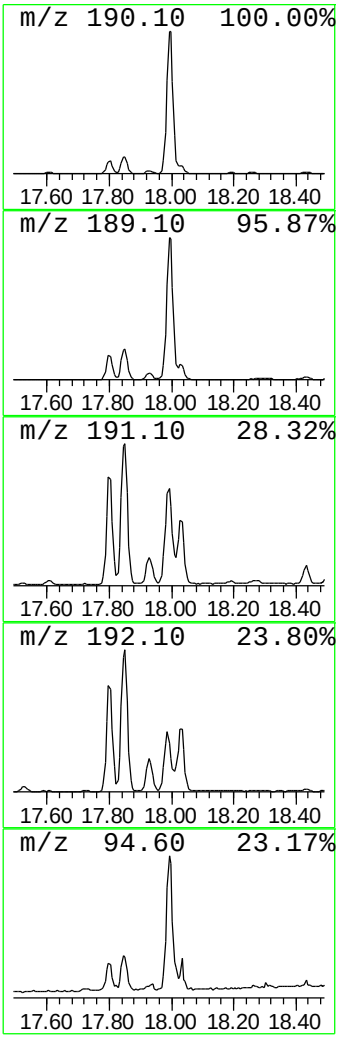
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	14.41 ng/ul	3681970	Phenanthrene-d10	16.92

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	68
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





Library Search Compound Report

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Acq On : 23 Nov 2019 01:34
Operator : JU
Sample : K5854-11
Misc :
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Instrument : BNA_M
ClientSampleId : C0AC9

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Quant Title : SVOA CALIBRATION

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

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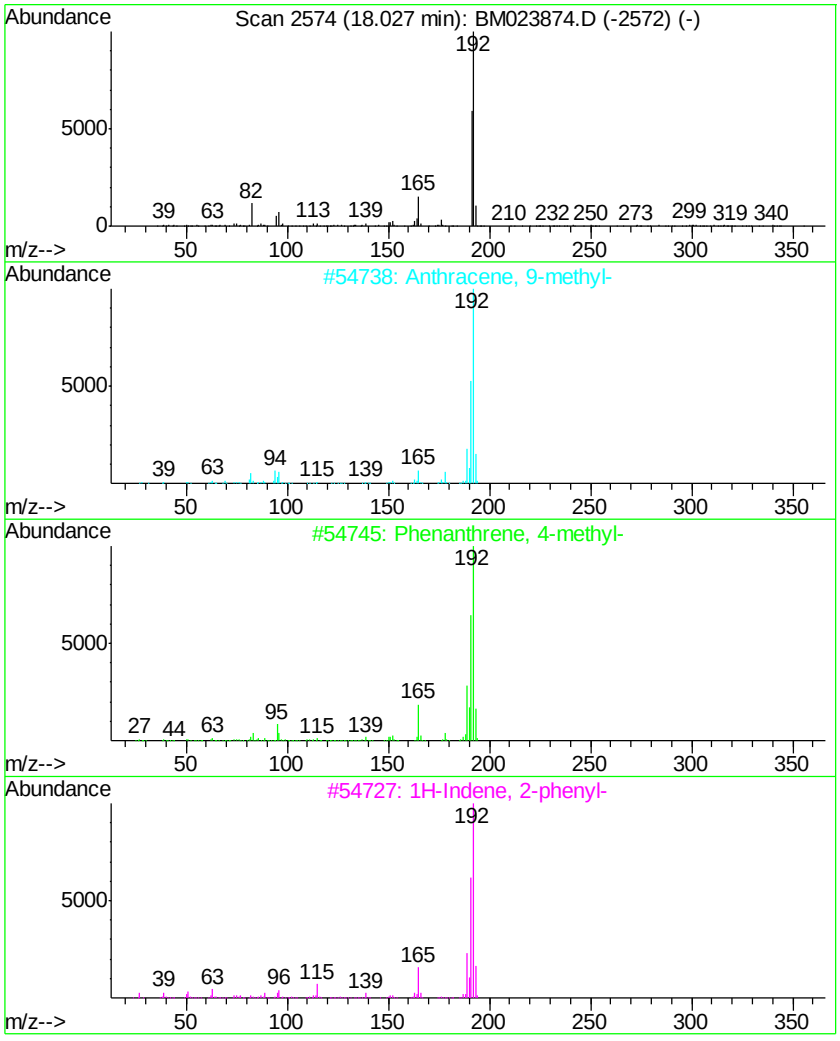
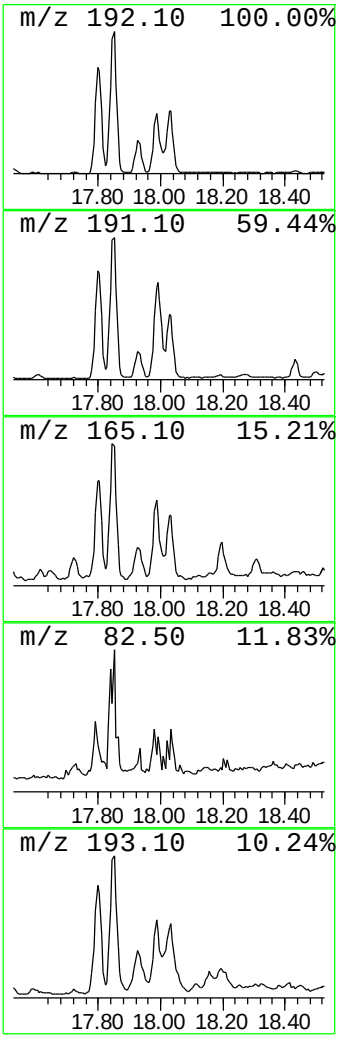
Peak Number 7 Anthracene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	3.42 ng/ul	872946	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81





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Quant Title : SVOA CALIBRATION

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

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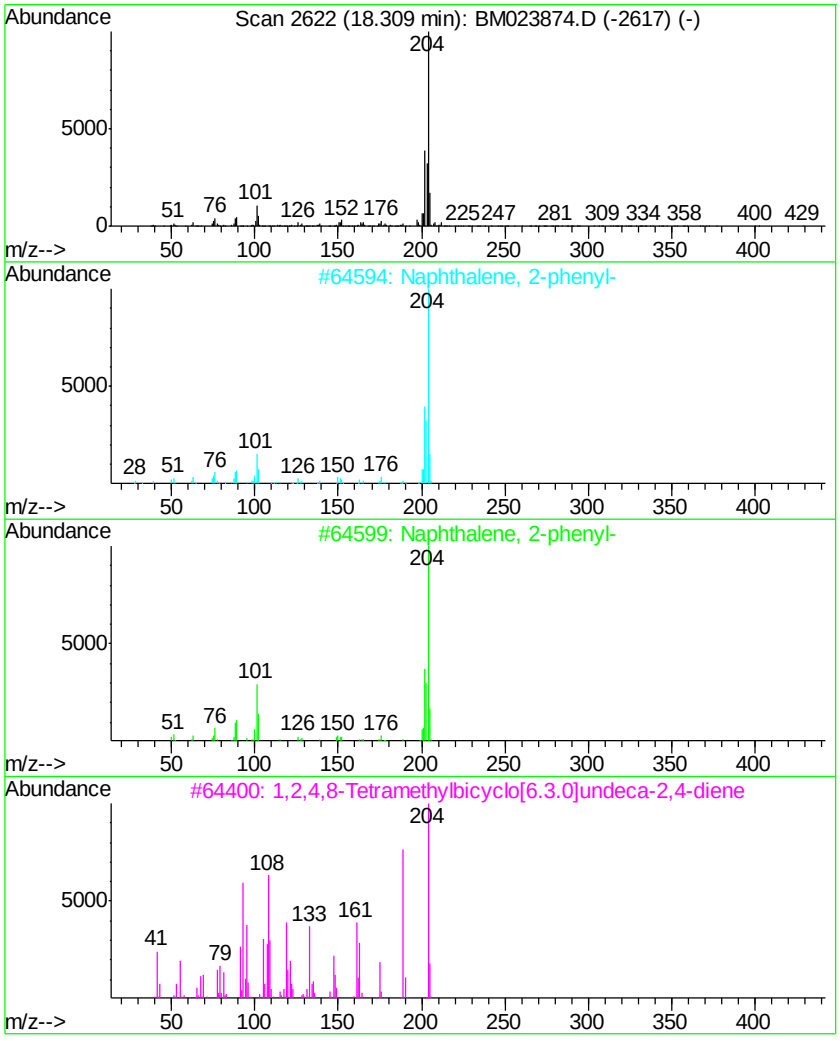
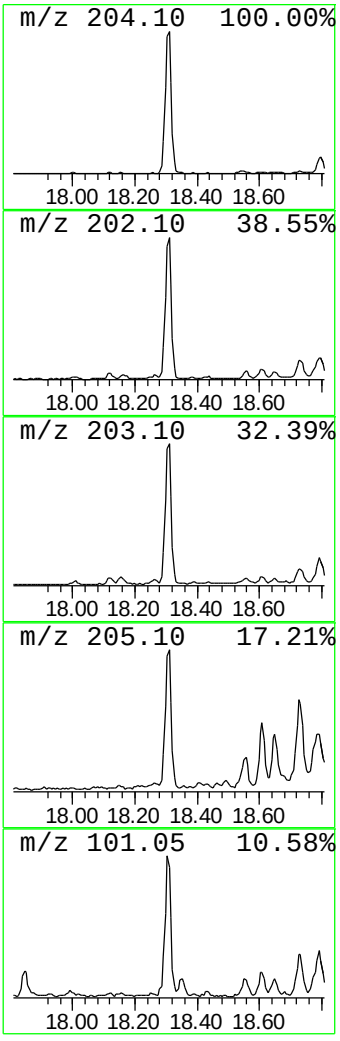
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	5.27 ng/ul	1346070	Phenanthrene-d10	16.92

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	86
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Quant Title : SVOA CALIBRATION

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

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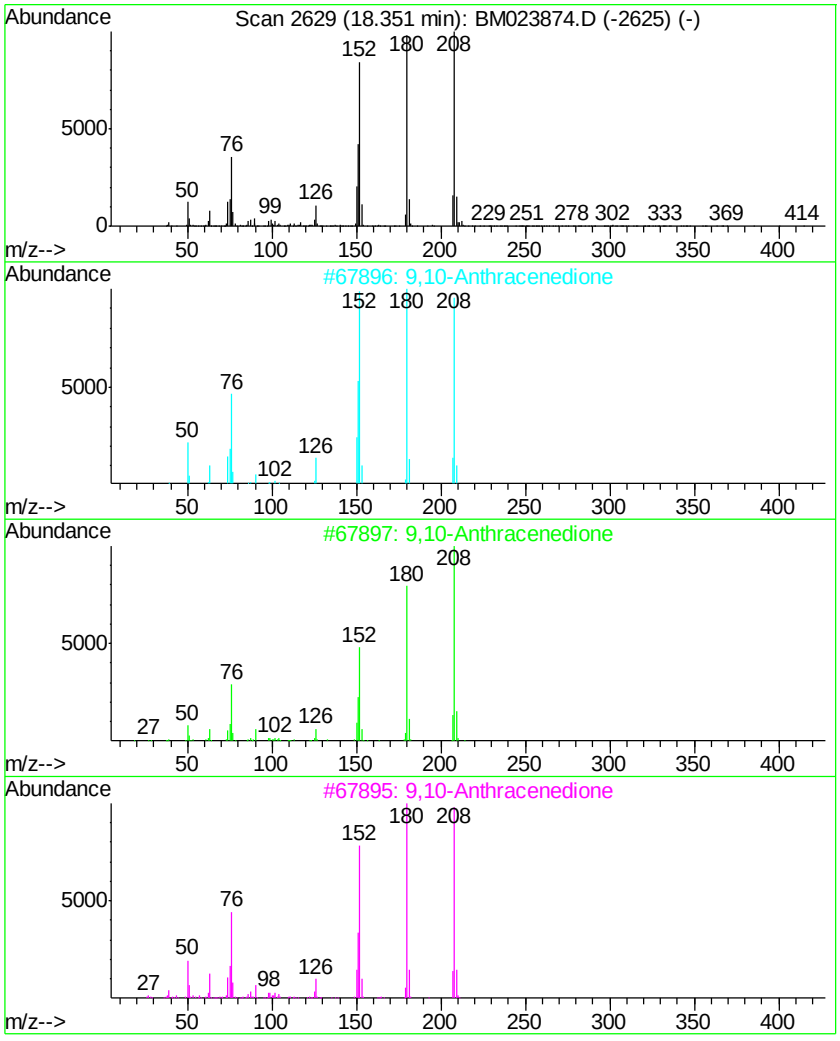
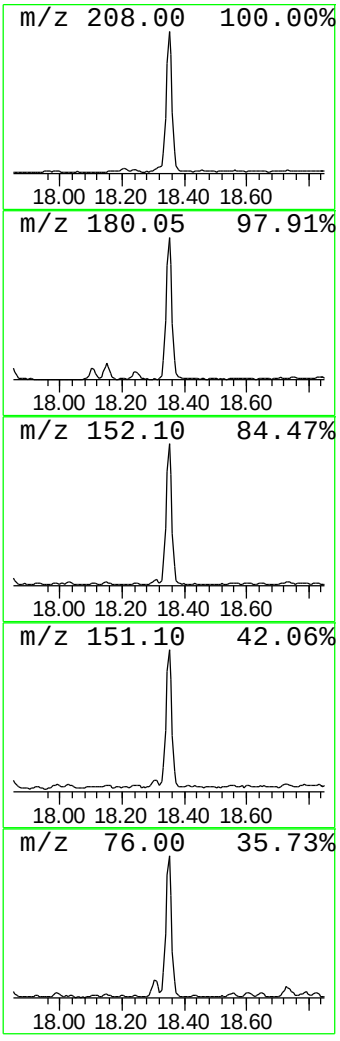
Peak Number 9 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	9.66 ng/ul	2469750	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70





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Quant Title : SVOA CALIBRATION

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

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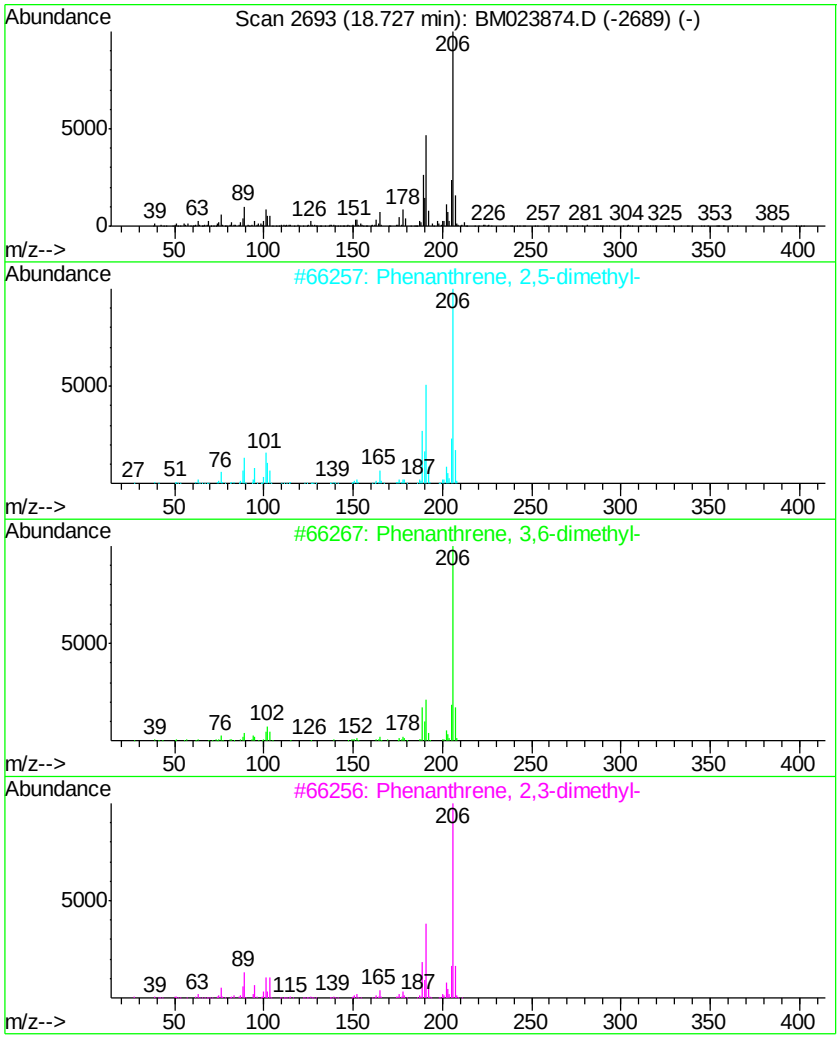
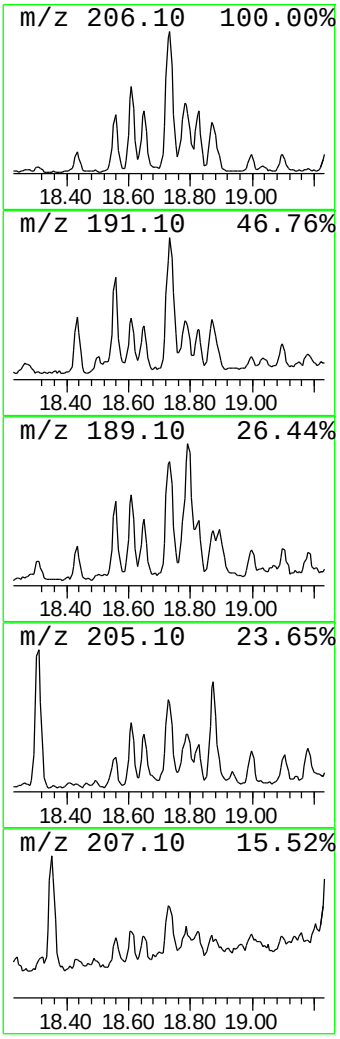
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	3.97 ng/ul	1014320	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87





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Instrument : BNA_M
ClientSampleId : C0AC9

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Quant Title : SVOA CALIBRATION

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

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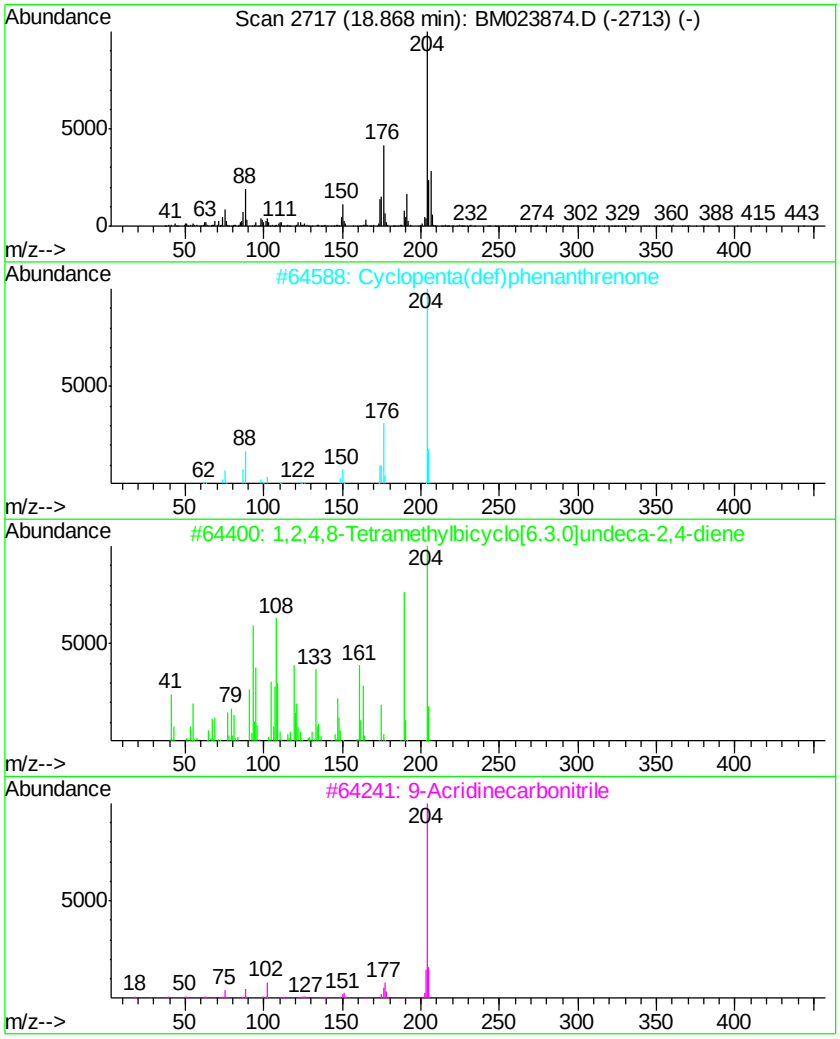
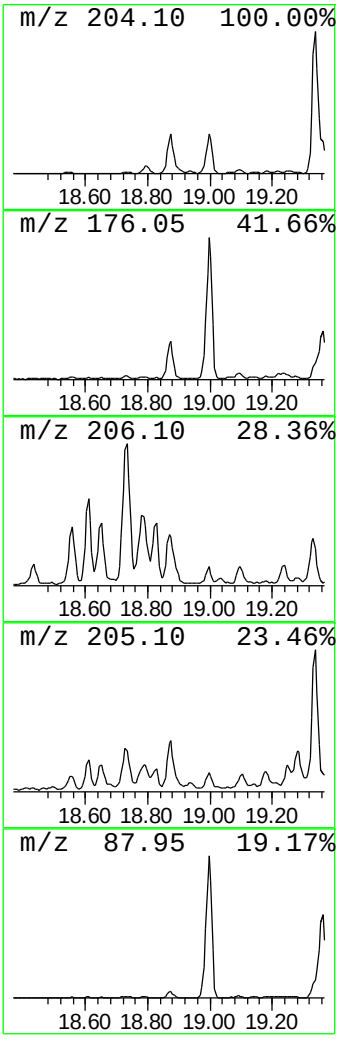
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	5.13 ng/ul	1311490	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
5	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	43





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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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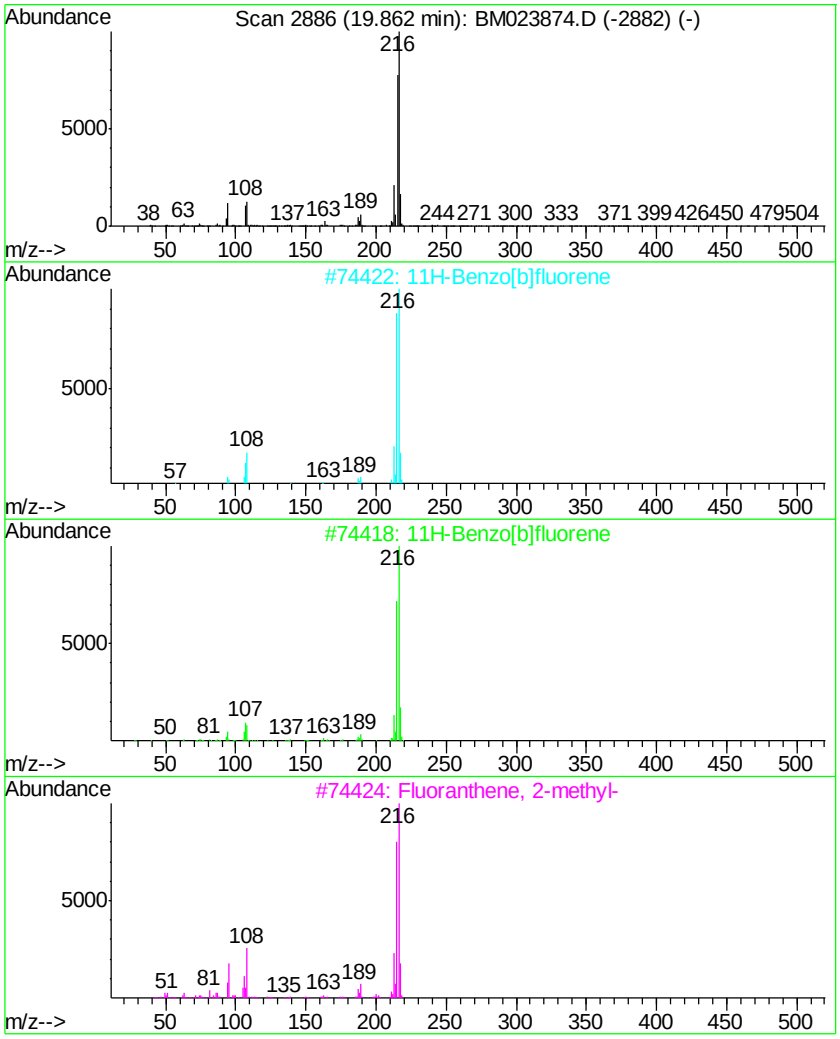
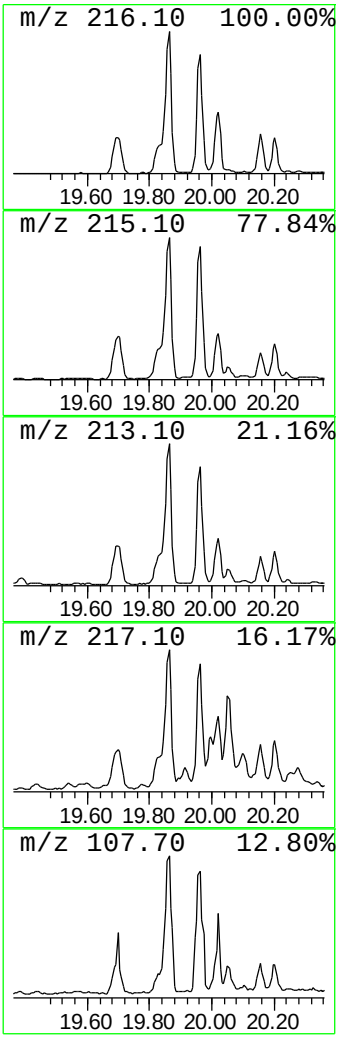
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.86	3.23 ng/ul	3757460	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC9

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Quant Title : SVOA CALIBRATION

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

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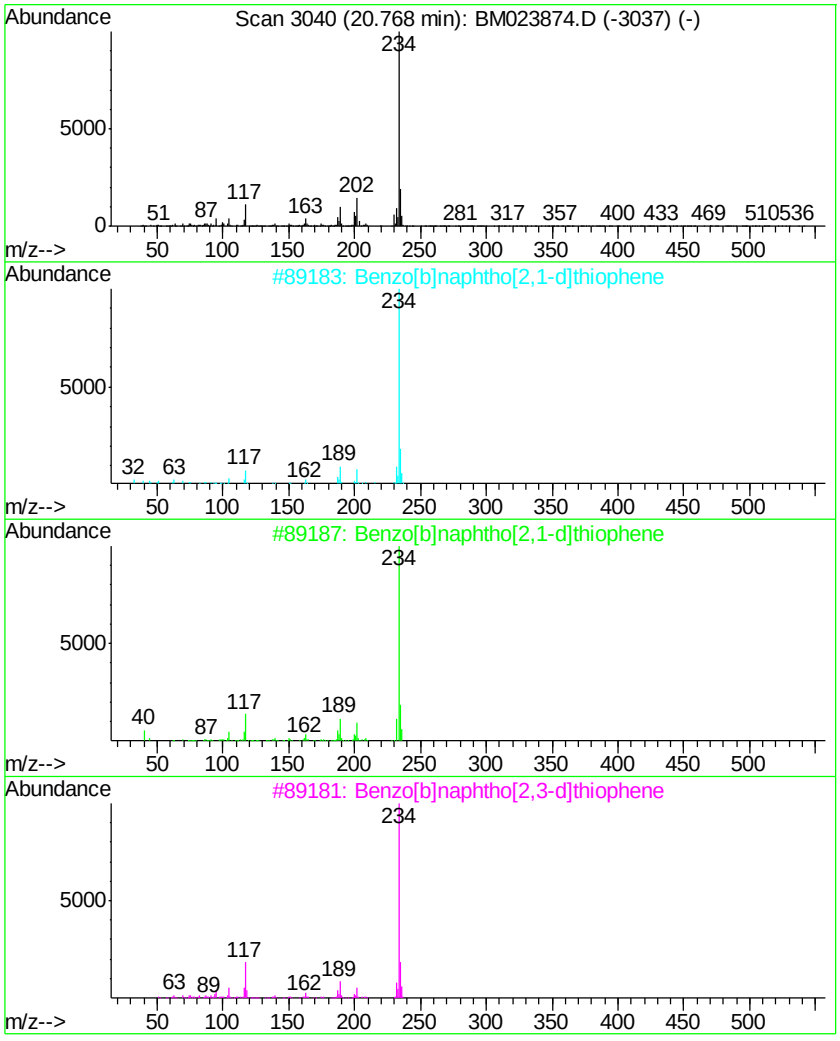
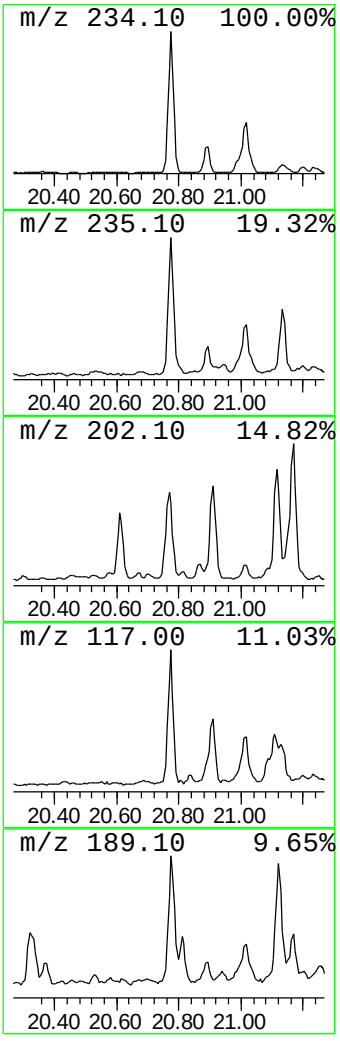
Peak Number 14 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	2.53 ng/ul	2945740	Chrysene-d12	21.13

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	96
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95





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Quant Title : SVOA CALIBRATION

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

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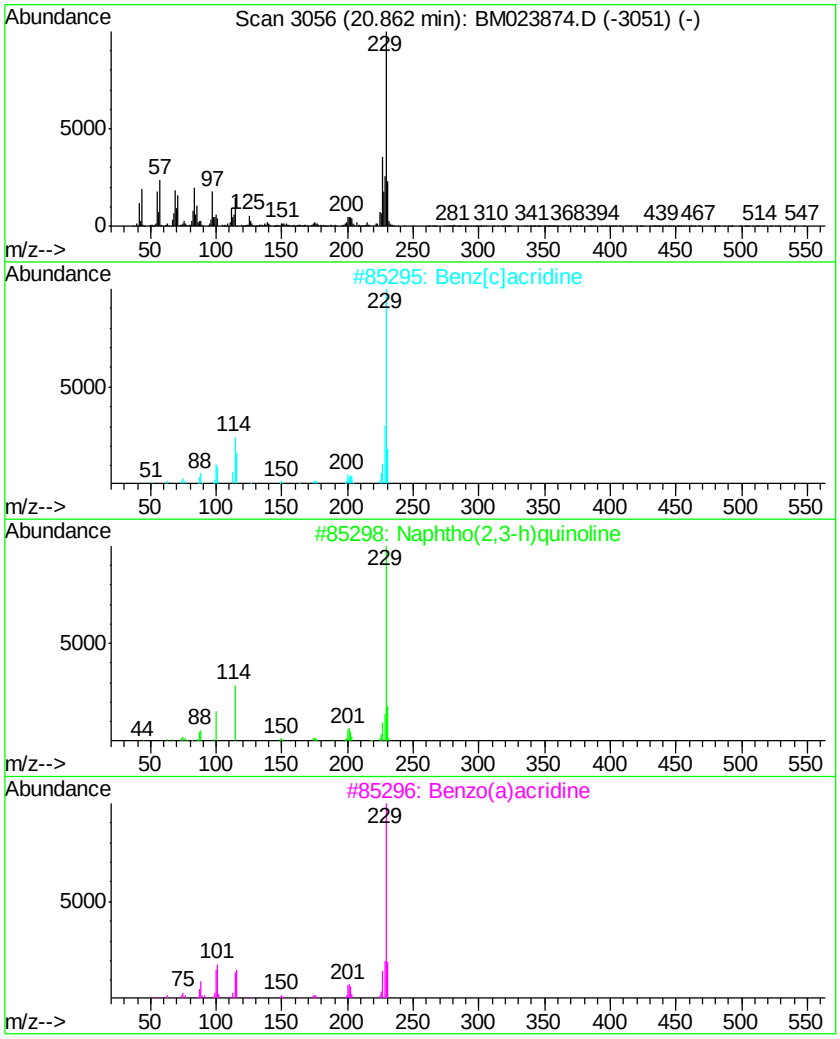
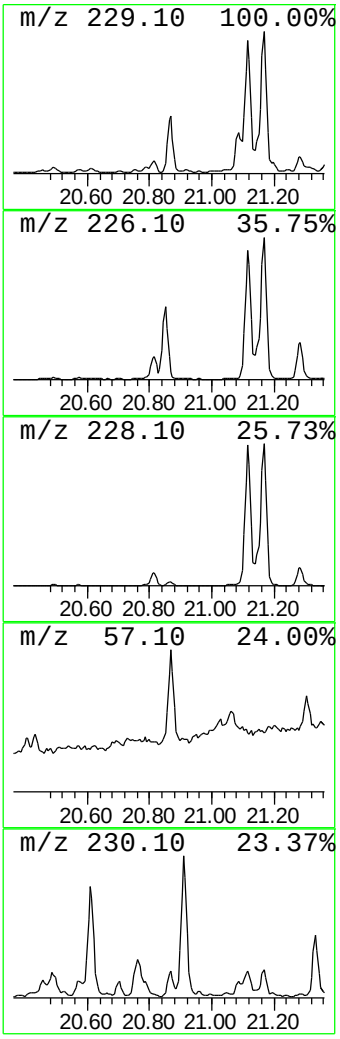
Peak Number 15 Benz[c]acridine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	4.13 ng/ul	4808010	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	76
2	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	64
3	Benzo(a)acridine	229	C17H11N	000225-11-6	62
4	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	53
5	Benzimidazole-5-amine, 1-methyl-...	229	C12H11N3S	021444-73-5	47





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

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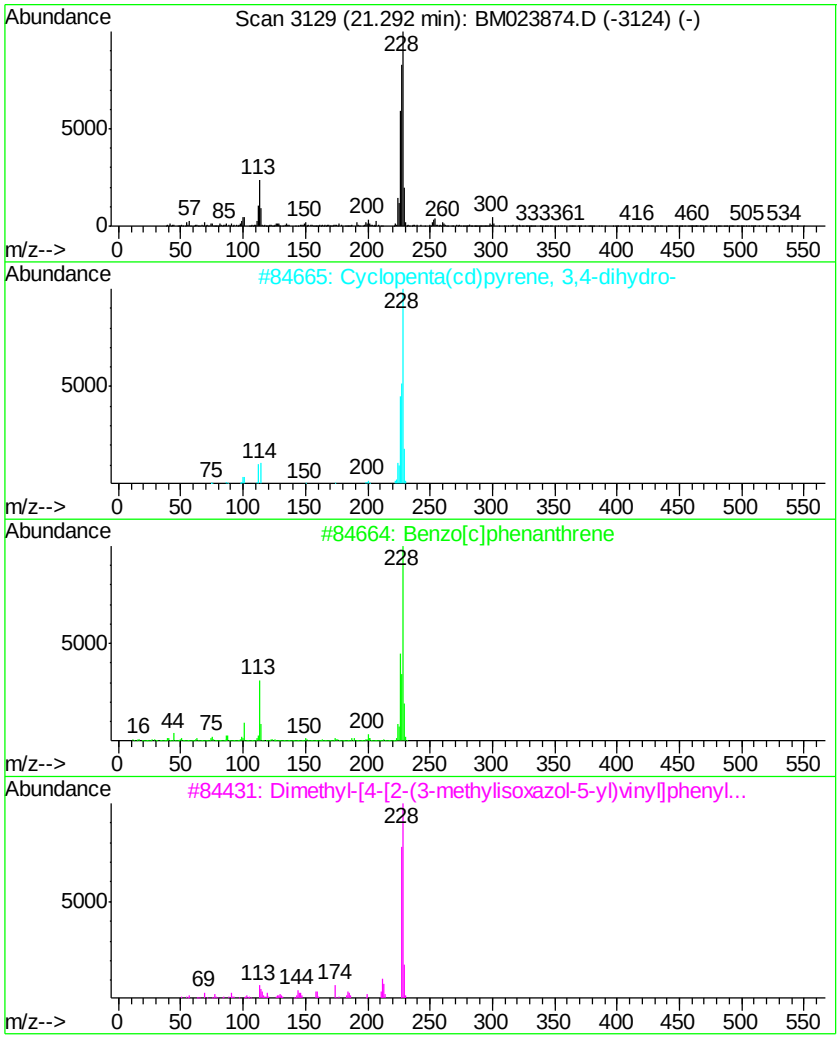
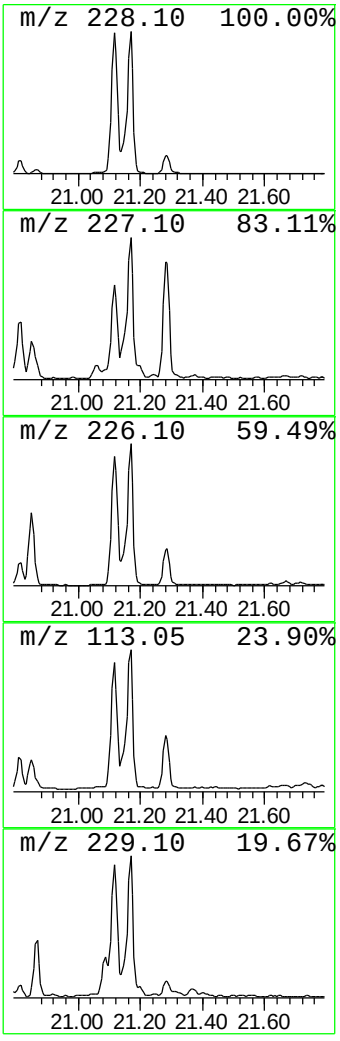
Peak Number 16 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	3.30 ng/ul	3847200	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	91
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
3	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
4	Triphenylene	228	C18H12	000217-59-4	50
5	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	49





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Quant Title : SVOA CALIBRATION

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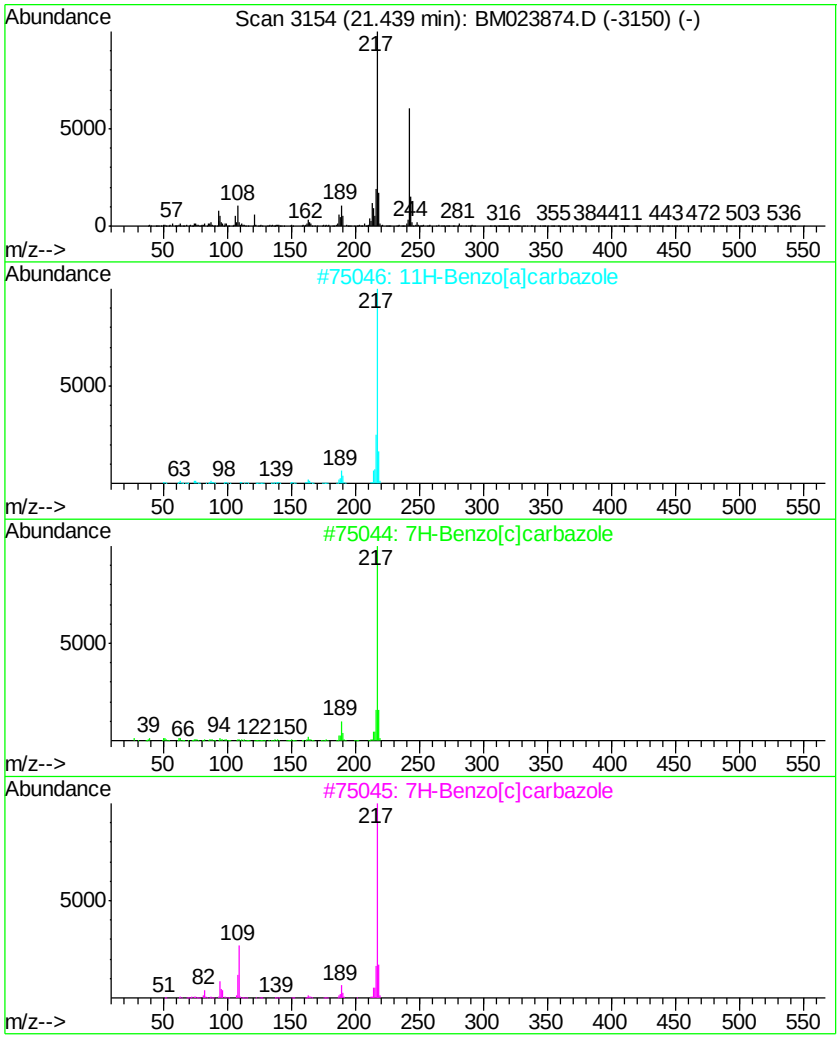
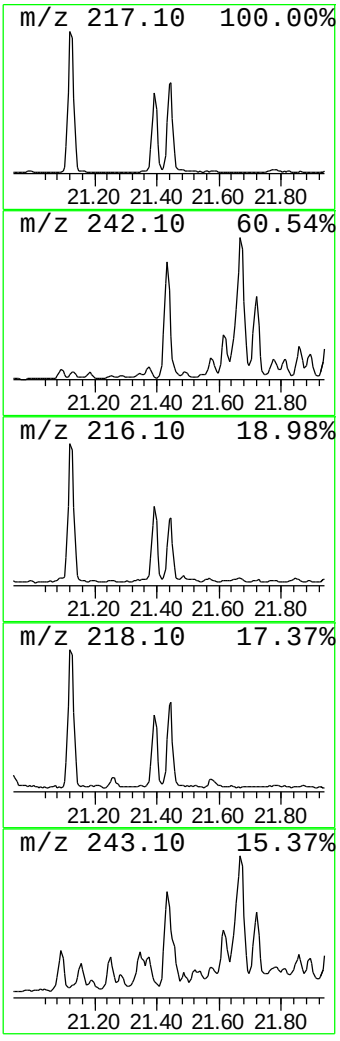
Peak Number 17 11H-Benzo[a]carbazole Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	2.16 ng/ul	2512320	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	83
2	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	64
3	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	64
4	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	60
5	Benzo(b)carbazole	217	C16H11N	000243-28-7	60





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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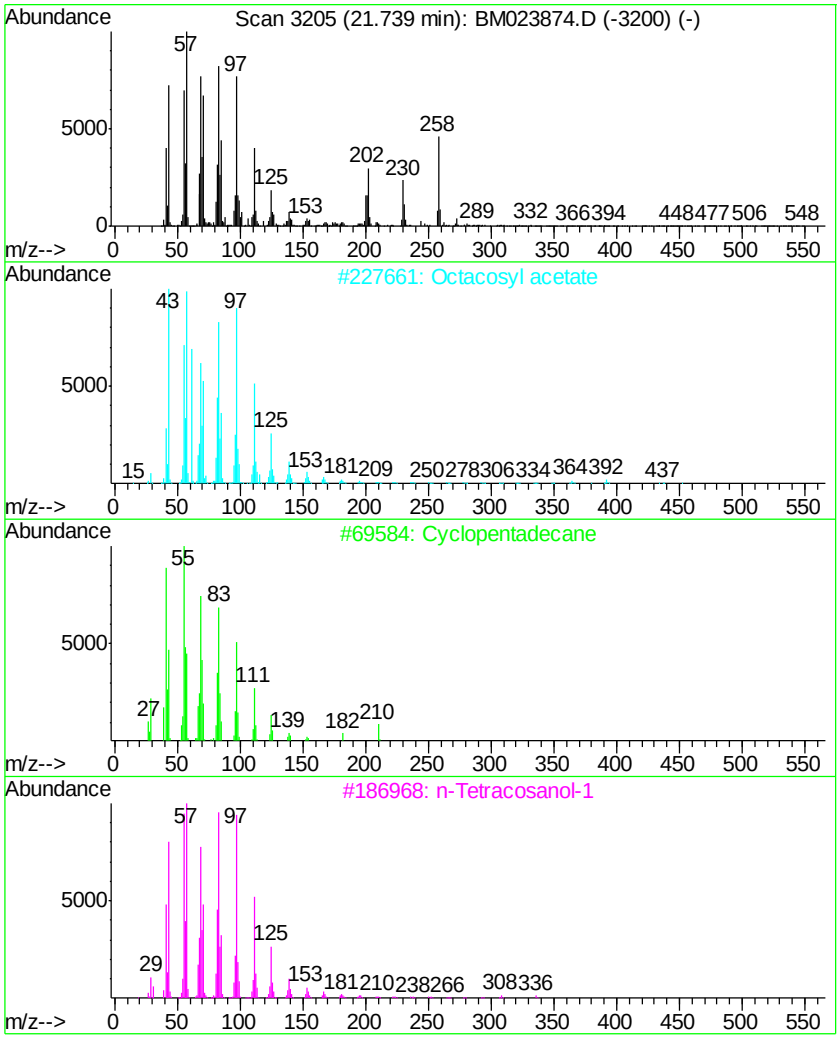
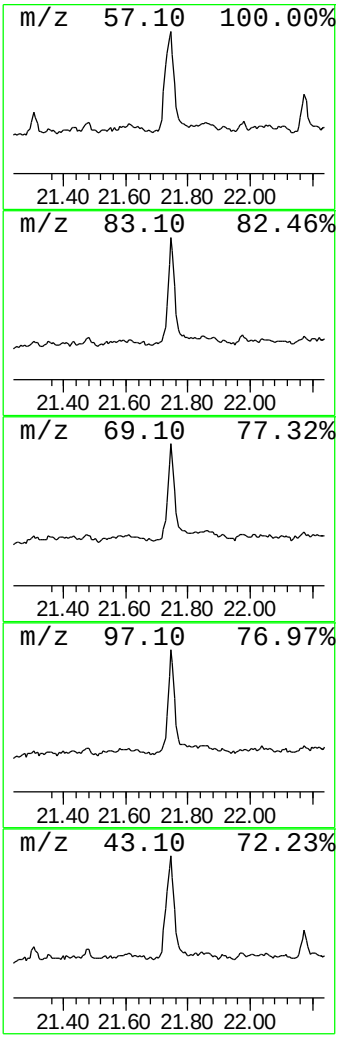
Peak Number 18 Octacosyl acetate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	3.98 ng/ul	4628510	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl acetate	452	C30H60O2	018206-97-8	97
2	Cyclopentadecane	210	C15H30	000295-48-7	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90





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Quant Title : SVOA CALIBRATION

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

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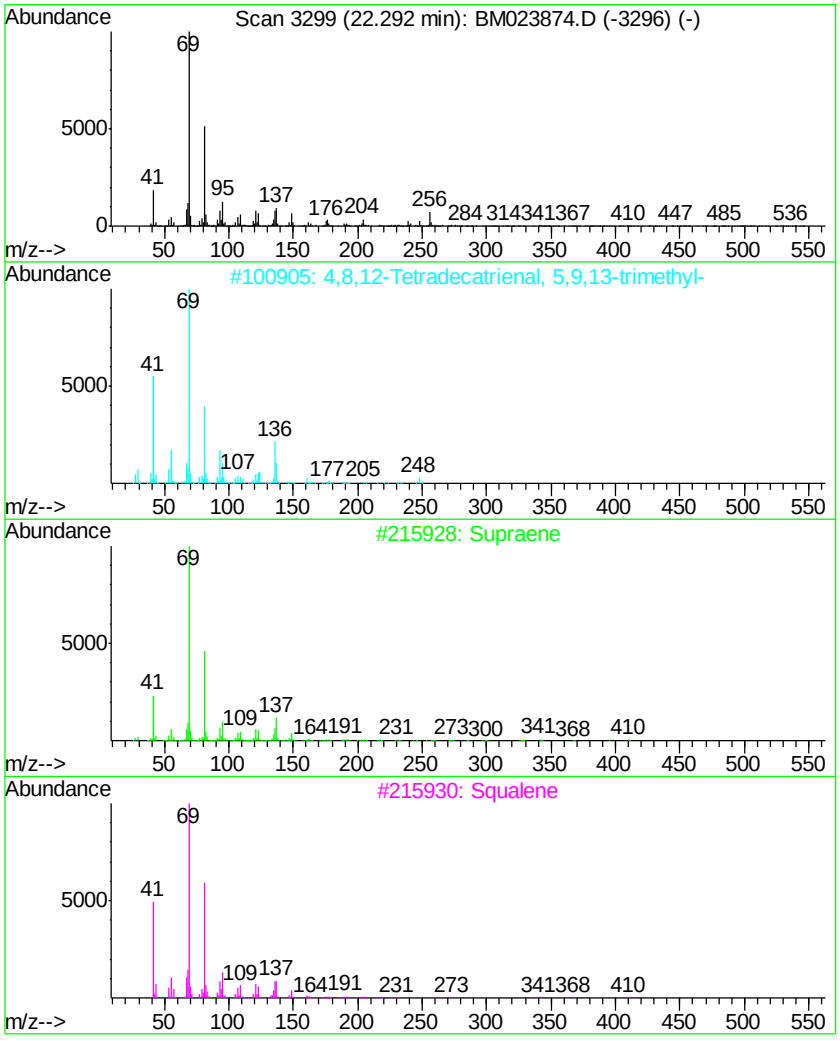
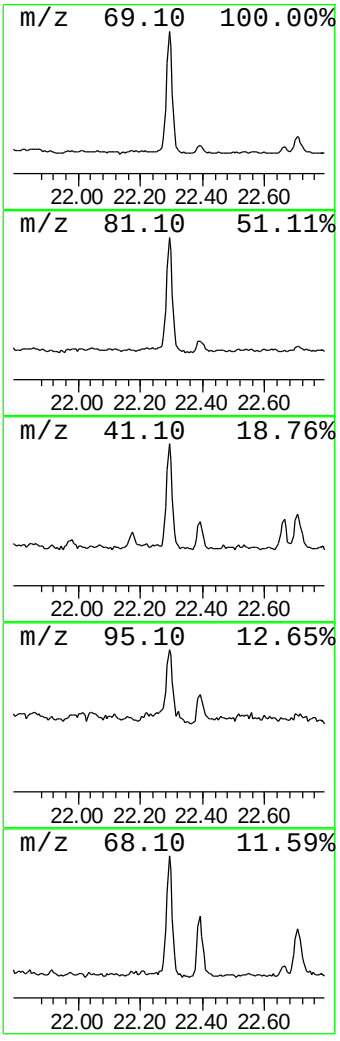
Peak Number 19 4,8,12-Tetradecatrienal, 5,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	13.35 ng/ul	3907510	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	87
2	Supraene	410	C30H50	007683-64-9	87
3	Squalene	410	C30H50	000111-02-4	87
4	Squalene	410	C30H50	000111-02-4	87
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\
Data File : BM023874.D
Acq On : 23 Nov 2019 01:34
Operator : JU
Sample : K5854-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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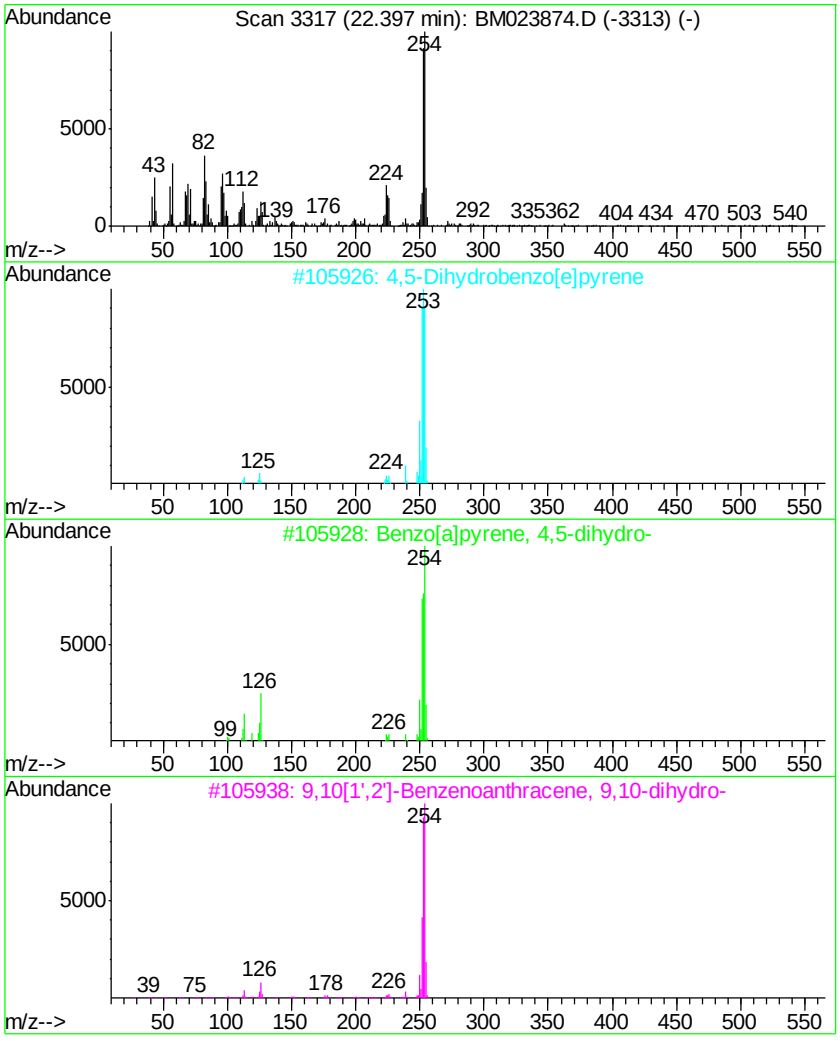
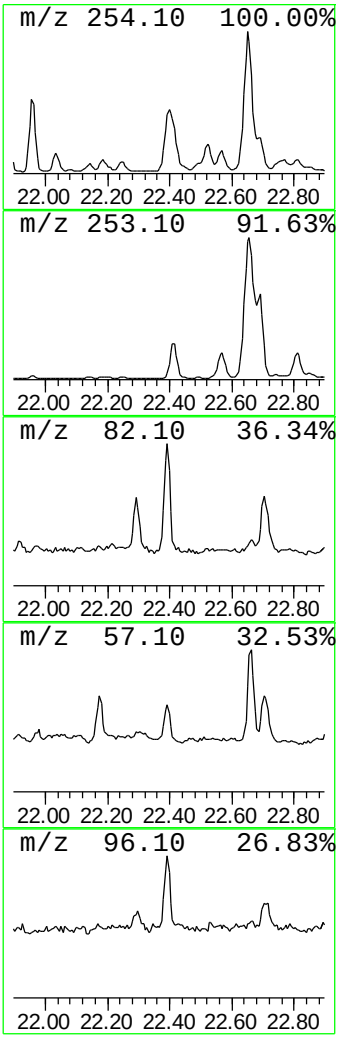
Peak Number 20 4,5-Dihydrobenzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	9.55 ng/ul	2794060	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	80
2	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	80
3	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	74
4	1,1'-Binaphthalene	254	C20H14	000604-53-5	70
5	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\
Data File : BM023874.D
Acq On : 23 Nov 2019 01:34
Operator : JU
Sample : K5854-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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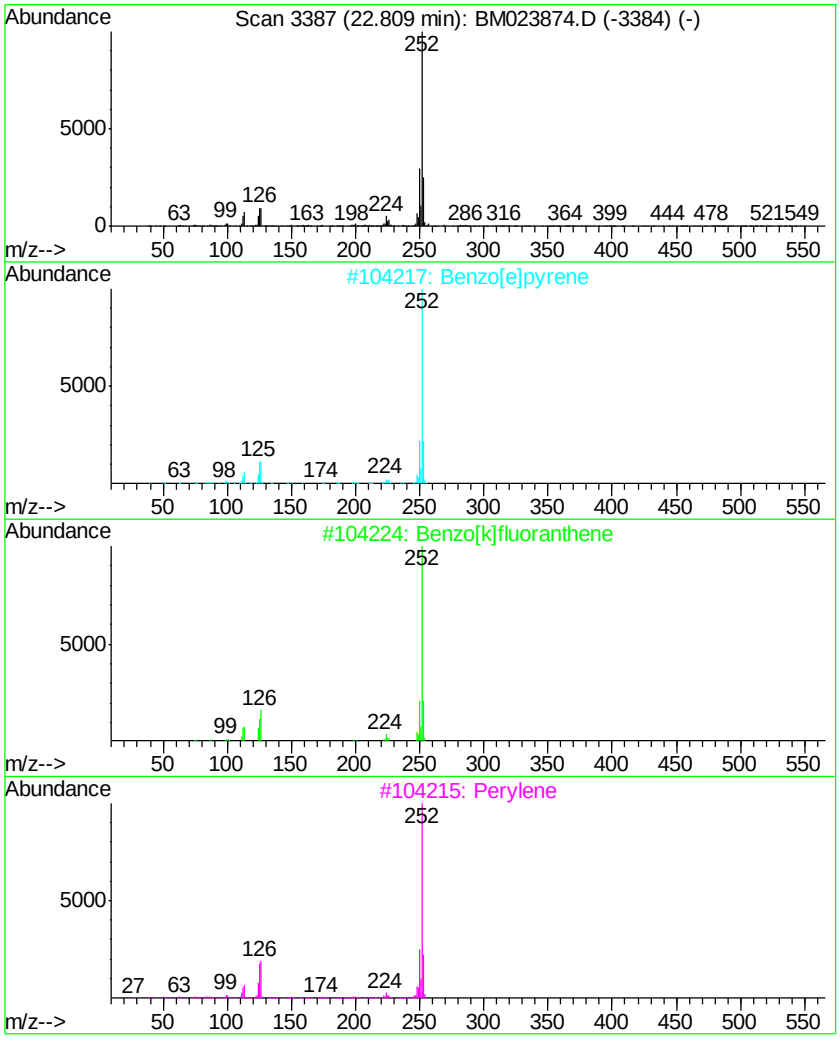
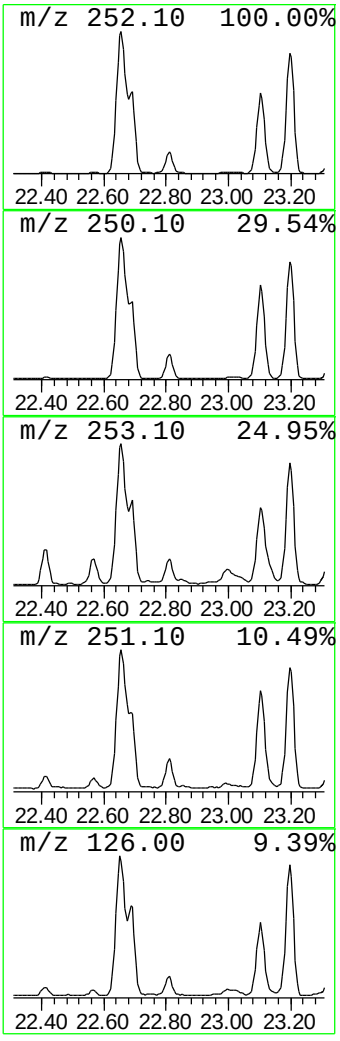
Peak Number 21 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.81	9.36 ng/ul	2740420	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Perylene	252	C20H12	000198-55-0	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\
Data File : BM023874.D
Acq On : 23 Nov 2019 01:34
Operator : JU
Sample : K5854-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.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
Naphtho[2,1-b]thi...	16.74	3.3	ng/ul	848964	4	16.92	5112000	20.0
Acridine	17.12	2.0	ng/ul	513365	4	16.92	5112000	20.0
Phenanthrene, 2-m...	17.80	5.9	ng/ul	1511600	4	16.92	5112000	20.0
Phenanthrene, 1-m...	17.84	12.4	ng/ul	3172850	4	16.92	5112000	20.0
4H-Cyclopenta[def...	17.99	14.4	ng/ul	3681970	4	16.92	5112000	20.0
Anthracene, 9-met...	18.03	3.4	ng/ul	872946	4	16.92	5112000	20.0
Naphthalene, 2-ph...	18.31	5.3	ng/ul	1346070	4	16.92	5112000	20.0
9,10-Anthracenedione	18.35	9.7	ng/ul	2469750	4	16.92	5112000	20.0
Phenanthrene, 2,5...	18.73	4.0	ng/ul	1014320	4	16.92	5112000	20.0
Cyclopenta(def)ph...	18.87	5.1	ng/ul	1311490	4	16.92	5112000	20.0
11H-Benzo[b]fluorene	19.86	3.2	ng/ul	3757460	5	21.13	23288000	20.0
Benzo[b]naphtho[2...	20.77	2.5	ng/ul	2945740	5	21.13	23288000	20.0
Benz[c]acridine	20.86	4.1	ng/ul	4808010	5	21.13	23288000	20.0
Cyclopenta(cd)pyr...	21.29	3.3	ng/ul	3847200	5	21.13	23288000	20.0
11H-Benzo[a]carba...	21.44	2.2	ng/ul	2512320	5	21.13	23288000	20.0
Octacosyl acetate	21.74	4.0	ng/ul	4628510	5	21.13	23288000	20.0
4,8,12-Tetradecat...	22.29	13.4	ng/ul	3907510	6	23.29	5853130	20.0
4,5-Dihydrobenzo[...	22.40	9.6	ng/ul	2794060	6	23.29	5853130	20.0
Benzo[e]pyrene	22.81	9.4	ng/ul	2740420	6	23.29	5853130	20.0