LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003130.D
Acq On : 15 Nov 2015 13:47
Operator : UM/IZ
Sample : G4401-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC790

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.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	6.904	642	649	659	rBB	201686	332036	7.70%	0.626%
2	7.075	673	678	686	rVB	172343	266739	6.19%	0.503%
3	7.275	706	712	719	rBB	225152	340166	7.89%	0.641%
4	7.745	785	792	799	rVB	375570	584866	13.56%	1.102%
5	8.445	905	911	918	rBV	265184	408028	9.46%	0.769%
6	8.898	982	988	995	rBB	183165	290389	6.73%	0.547%
7	9.622	1104	1111	1117	rBB	135841	218803	5.07%	0.412%
8	10.151	1193	1201	1210	rBB	249969	401915	9.32%	0.758%
9	10.534	1259	1266	1272	rBV	520555	881468	20.44%	1.661%
10	10.669	1283	1289	1301	rBV	202398	347470	8.06%	0.655%
11	13.798	1815	1821	1825	rVV	474056	638077	14.80%	1.203%
12	13.845	1825	1829	1834	rVV	283810	380584	8.83%	0.717%
13	14.080	1863	1869	1883	rVB2	481420	784486	18.19%	1.479%
14	14.392	1912	1922	1928	rBV2	759498	1154392	26.77%	2.176%
15	14.580	1947	1954	1961	rBV	134429	203421	4.72%	0.383%
16	15.386	2083	2091	2096	rVV	607103	900663	20.89%	1.698%
17	15.439	2096	2100	2106	rVV2	81493	128943	2.99%	0.243%
18	15.498	2106	2110	2115	rVV	83889	116925	2.71%	0.220%
19	15.733	2146	2150	2158	rVB	68468	100073	2.32%	0.189%
20	15.880	2166	2175	2183	rVB2	64485	145358	3.37%	0.274%
21	16.110	2209	2214	2225	rBV2	71027	138949	3.22%	0.262%
22	16.445	2264	2271	2276	rBV4	69915	135636	3.15%	0.256%
23	16.674	2302	2310	2313	rBV3	68063	114198	2.65%	0.215%
24	16.868	2337	2343	2346	rBV	63463	116019	2.69%	0.219%
25	16.951	2353	2357	2368	rVB	70087	130666	3.03%	0.246%
26	17.133	2382	2388	2392	rBV	919444	1358809	31.51%	2.561%
27	17.180	2392	2396	2400	rVV	767896	1092219	25.33%	2.059%
28	17.233	2400	2405	2408	rVV	638905	929221	21.55%	1.751%
29	17.268	2408	2411	2416	rVV	535337	700863	16.25%	1.321%
30	17.321	2416	2420	2426	rVV3	52910	94611	2.19%	0.178%
31	17.574	2459	2463	2471	rVV2	43746	105804	2.45%	0.199%
32	18.010	2532	2537	2541	rVV	223925	367305	8.52%	0.692%
33	18.057	2541	2545	2551	rVV	282287	401281	9.31%	0.756%
34	18.139	2554	2559	2564	rVV	244855	327724	7.60%	0.618%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003130.D
Acq On : 15 Nov 2015 13:47
Operator : UM/IZ
Sample : G4401-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC790

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Title : SVOA CALIBRATION

35	18.209	2564	2571	2574	rVV2	392542	686196	15.91%	1.293%
36	18.239	2574	2576	2586	rVB	148708	198639	4.61%	0.374%
37	18.515	2609	2623	2627	rBV	197746	325976	7.56%	0.614%
38	18.762	2660	2665	2669	rBV	72831	99326	2.30%	0.187%
39	18.809	2669	2673	2676	rBV2	73932	89586	2.08%	0.169%
40	18.927	2689	2693	2698	rBV	139890	251255	5.83%	0.474%
41	18.998	2700	2705	2708	rBV2	80830	113109	2.62%	0.213%
42	19.068	2713	2717	2727	rVB2	68470	165041	3.83%	0.311%
43	19.198	2733	2739	2746	rBV	2716335	3694475	85.67%	6.964%
44	19.262	2746	2750	2753	rVV2	61271	82661	1.92%	0.156%
45	19.298	2753	2756	2760	rVV3	60129	102359	2.37%	0.193%
46	19.351	2760	2765	2769	rVV	264096	381544	8.85%	0.719%
47	19.439	2775	2780	2789	rVV3	129334	242874	5.63%	0.458%
48	19.533	2790	2796	2798	rVV3	1152677	1708880	39.63%	3.221%
49	19.562	2798	2801	2809	rVV	2071667	2882955	66.85%	5.434%
50	19.633	2809	2813	2820	rVB3	161453	273814	6.35%	0.516%
51	19.739	2821	2831	2837	rBV	207080	341540	7.92%	0.644%
52	19.886	2850	2856	2864	rBV2	198214	518761	12.03%	0.978%
53	20.027	2874	2880	2881	rVV3	164097	270512	6.27%	0.510%
54	20.056	2881	2885	2892	rVB	601293	865551	20.07%	1.631%
55	20.156	2898	2902	2906	rBV	571055	771709	17.90%	1.455%
56	20.215	2906	2912	2917	rVV2	265548	475699	11.03%	0.897%
57	20.309	2922	2928	2932	rBV4	68511	136957	3.18%	0.258%
58	20.356	2932	2936	2939	rBV	115424	143440	3.33%	0.270%
59	20.403	2940	2944	2951	rVB3	140641	218401	5.06%	0.412%
60	20.656	2983	2987	2989	rVV3	82882	129106	2.99%	0.243%
61	20.768	3001	3006	3011	rBV3	147682	278875	6.47%	0.526%
62	20.815	3011	3014	3019	rVB3	71920	111397	2.58%	0.210%
63	20.974	3038	3041	3044	rBV	151489	177729	4.12%	0.335%
64	21.015	3044	3048	3050	rVV	218392	280526	6.51%	0.529%
65	21.051	3050	3054	3059	rVB2	182594	320521	7.43%	0.604%
66	21.186	3074	3077	3079	rBV	82290	97659	2.26%	0.184%
67	21.315	3091	3099	3105	rBV2	2048038	4312316	100.00%	8.128%
68	21.368	3105	3108	3115	rVB	1259555	1658336	38.46%	3.126%
69	21.480	3124	3127	3133	rBV	244475	376621	8.73%	0.710%
70	21.533	3133	3136	3141	rVV	136854	215126	4.99%	0.405%
71	21.592	3142	3146	3150	rVB	125156	184394	4.28%	0.348%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003130.D
Acq On : 15 Nov 2015 13:47
Operator : UM/IZ
Sample : G4401-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC790

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Title : SVOA CALIBRATION

72	21.639	3150	3154	3160	rBV4	148805	265142	6.15%	0.500%
73	21.827	3182	3186	3189	rVV	77844	113401	2.63%	0.214%
74	21.880	3189	3195	3199	rVV	318297	599613	13.90%	1.130%
75	21.933	3200	3204	3209	rVV	185038	308008	7.14%	0.581%
76	22.003	3212	3216	3218	rVV2	88171	143306	3.32%	0.270%
77	22.039	3218	3222	3225	rVV2	194046	318005	7.37%	0.599%
78	22.086	3225	3230	3231	rVV	203202	340145	7.89%	0.641%
79	22.103	3231	3233	3241	rVV4	266558	499393	11.58%	0.941%
80	22.180	3242	3246	3254	rVV3	99316	184790	4.29%	0.348%
81	22.256	3255	3259	3265	rVB4	62781	112530	2.61%	0.212%
82	22.386	3276	3281	3283	rBV2	89833	151305	3.51%	0.285%
83	22.515	3300	3303	3314	rVB2	127183	282331	6.55%	0.532%
84	22.662	3323	3328	3332	rBV	82725	140805	3.27%	0.265%
85	22.744	3339	3342	3350	rVB6	49588	104774	2.43%	0.197%
86	22.915	3363	3371	3375	rBV	906151	2220012	51.48%	4.185%
87	23.086	3394	3400	3405	rVB	312276	525051	12.18%	0.990%
88	23.215	3418	3422	3424	rBV	81769	125688	2.91%	0.237%
89	23.397	3446	3453	3457	rBV	484977	923153	21.41%	1.740%
90	23.444	3457	3461	3464	rVV	424701	752068	17.44%	1.418%
91	23.492	3464	3469	3477	rVB	999908	1852651	42.96%	3.492%
92	23.592	3478	3486	3491	rBV	789161	1626033	37.71%	3.065%
93	23.639	3491	3494	3503	rVB2	269618	513209	11.90%	0.967%
94	24.133	3574	3578	3586	rVB5	60727	149425	3.47%	0.282%
95	24.468	3630	3635	3641	rVB	71857	135737	3.15%	0.256%
96	25.868	3864	3873	3885	rVB2	426895	1254299	29.09%	2.364%
97	26.138	3913	3919	3927	rVB	88633	219039	5.08%	0.413%
98	26.233	3930	3935	3952	rVB4	71427	276863	6.42%	0.522%
99	26.574	3984	3993	4005	rBV	227259	726099	16.84%	1.369%
100	26.938	4048	4055	4071	rVB	98212	368091	8.54%	0.694%

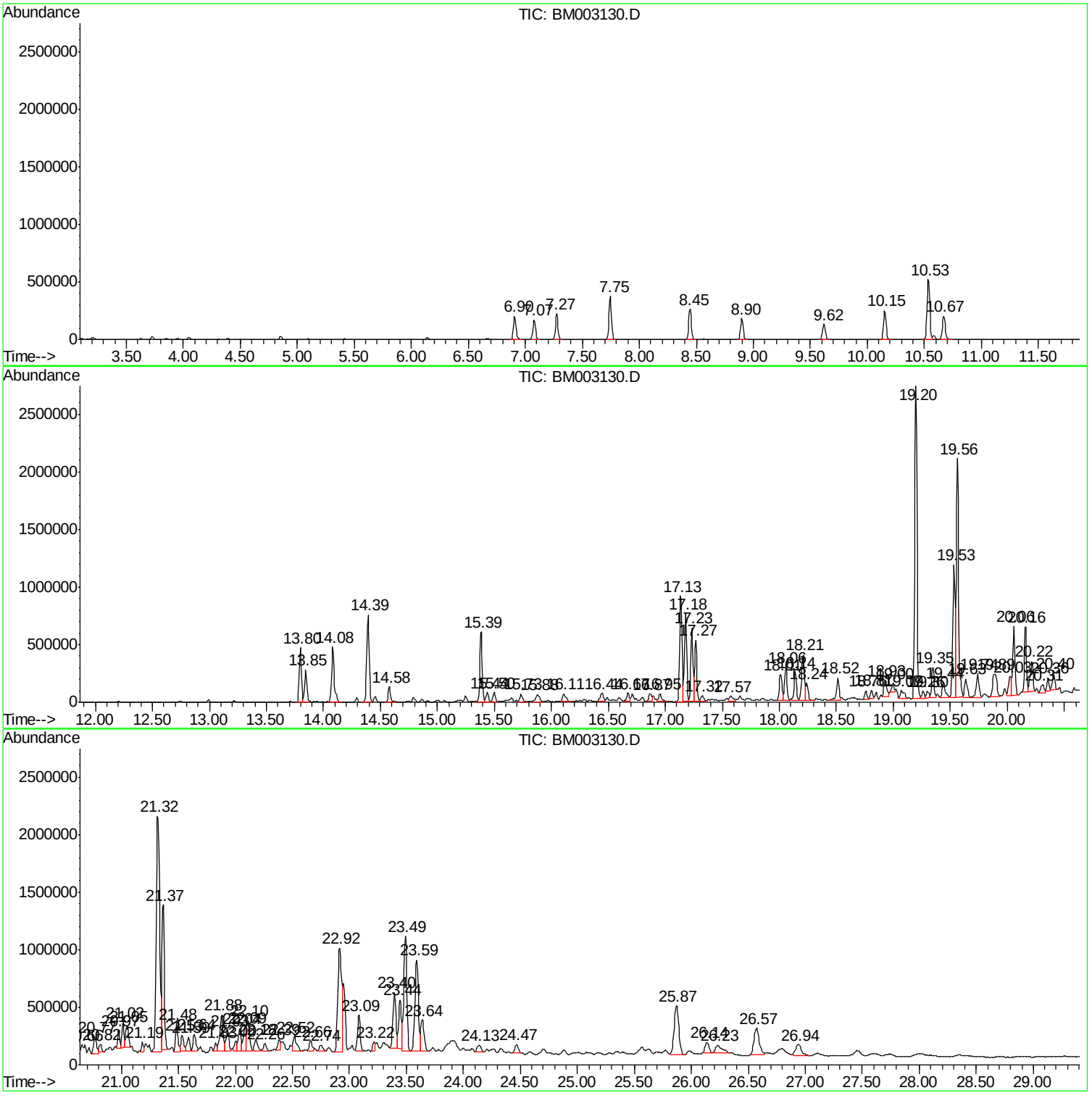
Sum of corrected areas: 53052939

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003130.D
Acq On : 15 Nov 2015 13:47
Operator : UM/IZ
Sample : G4401-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC790

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003130.D
Acq On : 15 Nov 2015 13:47
Operator : UM/IZ
Sample : G4401-18
Misc :
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Instrument : BNA_M
ClientSampleId : BC790

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

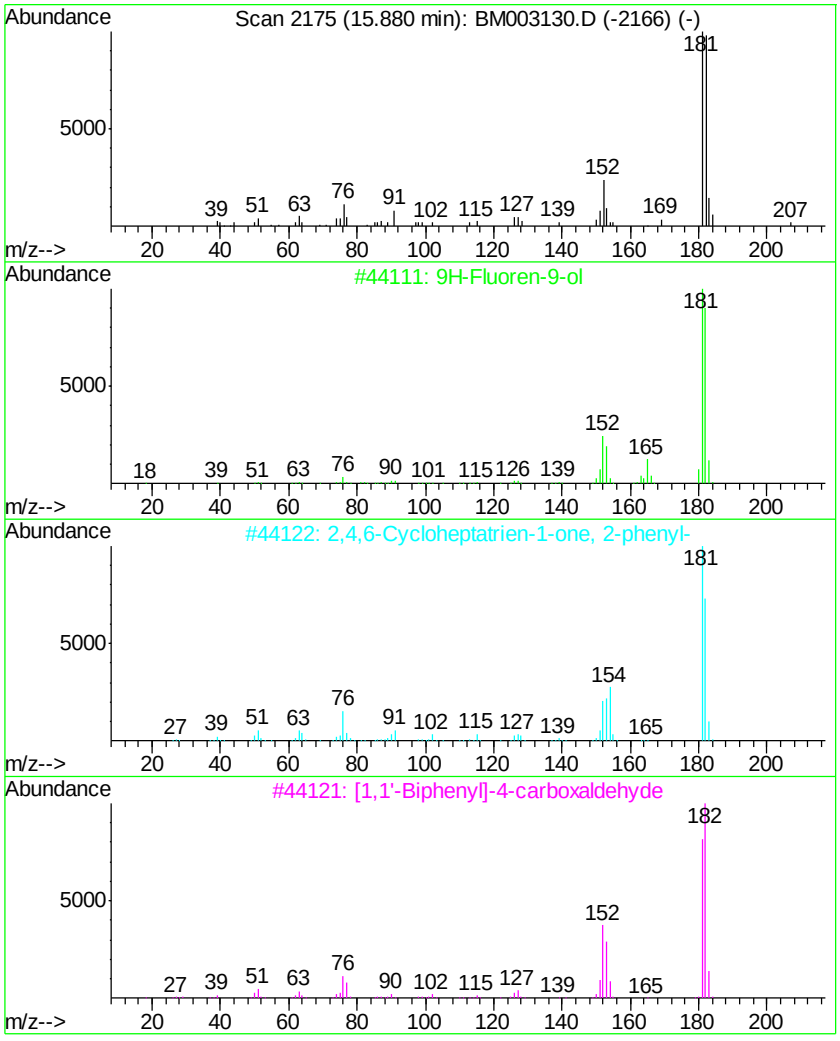
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

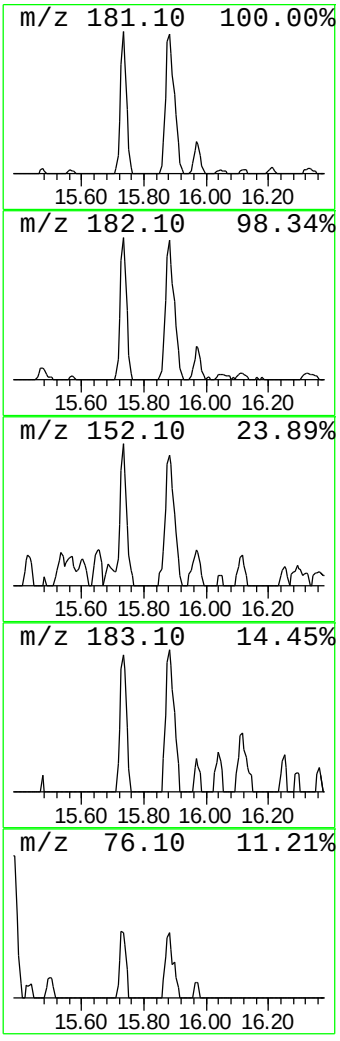
****

Peak Number 1 9H-Fluoren-9-ol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	2.14 ng/ul	145358	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	83
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	81
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	74





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003130.D
Acq On : 15 Nov 2015 13:47
Operator : UM/IZ
Sample : G4401-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC790

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

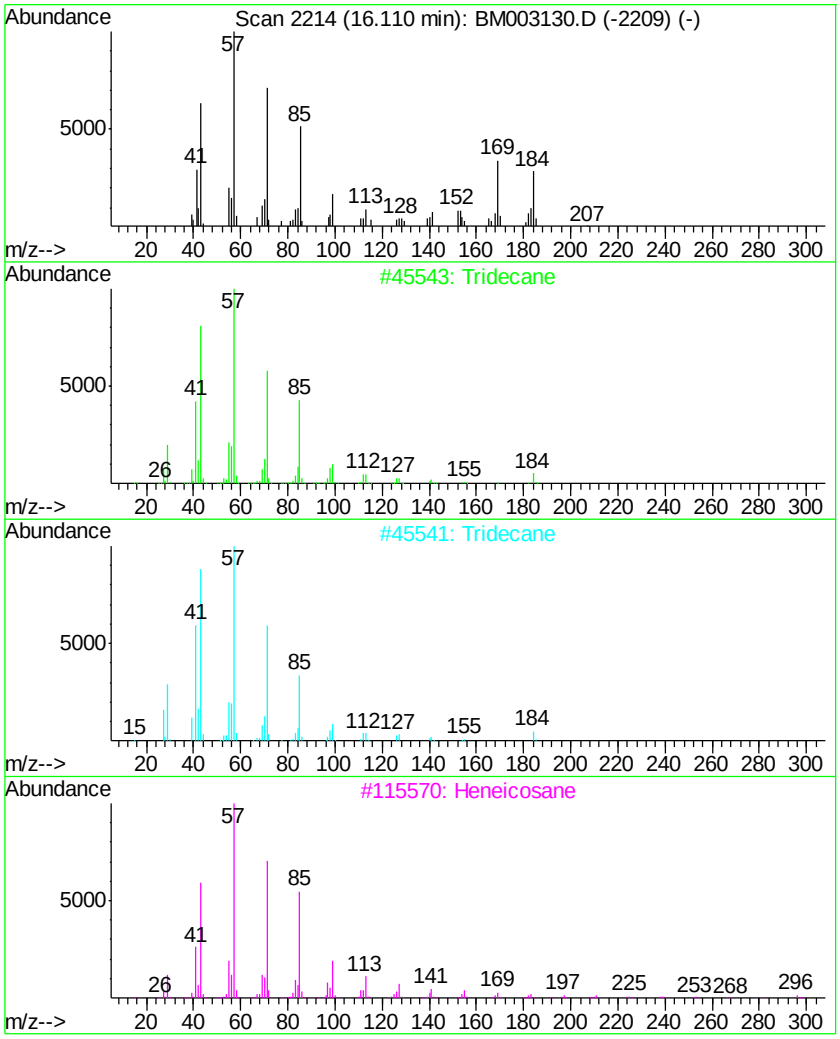
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

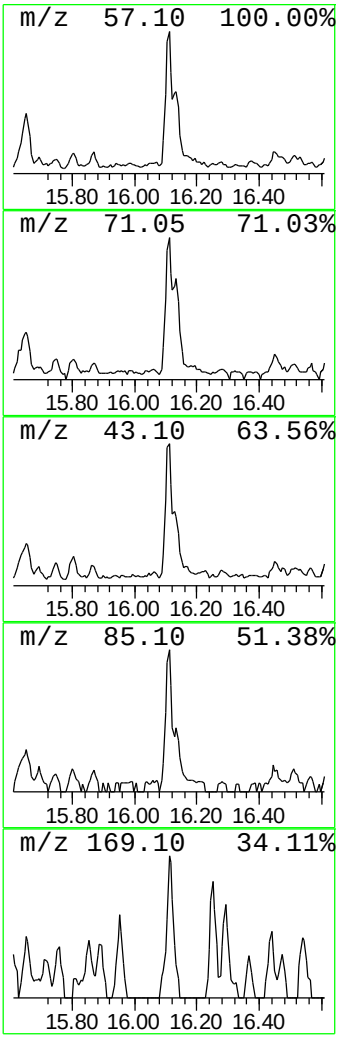
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	2.05 ng/ul	138949	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	81
2	Tridecane	184	C13H28	000629-50-5	81
3	Heneicosane	296	C21H44	000629-94-7	62
4	Heptadecane	240	C17H36	000629-78-7	62
5	Dodecane	170	C12H26	000112-40-3	62





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003130.D
Acq On : 15 Nov 2015 13:47
Operator : UM/IZ
Sample : G4401-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC790

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

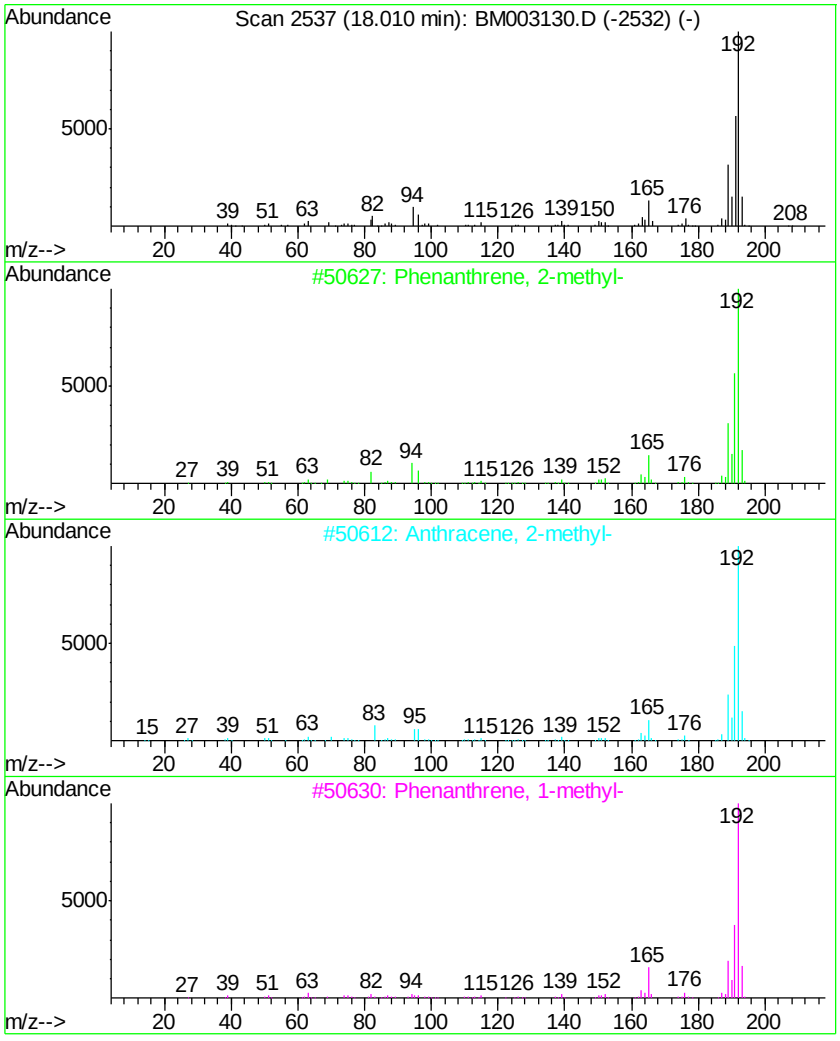
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

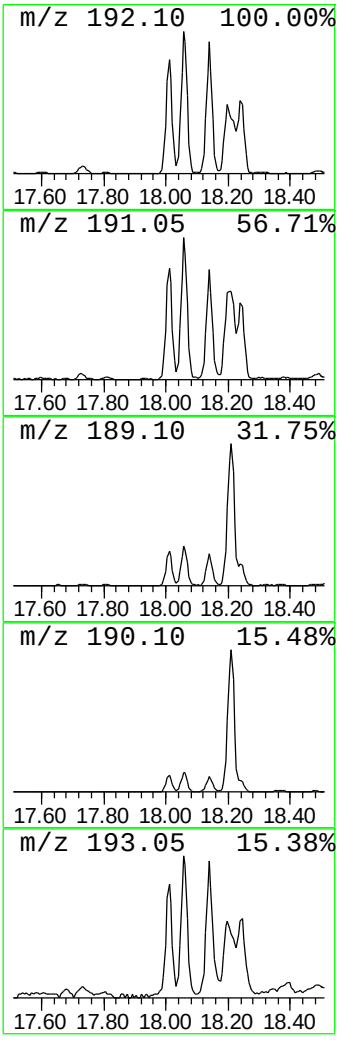
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	5.41 ng/ul	367305	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003130.D
Acq On : 15 Nov 2015 13:47
Operator : UM/IZ
Sample : G4401-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC790

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

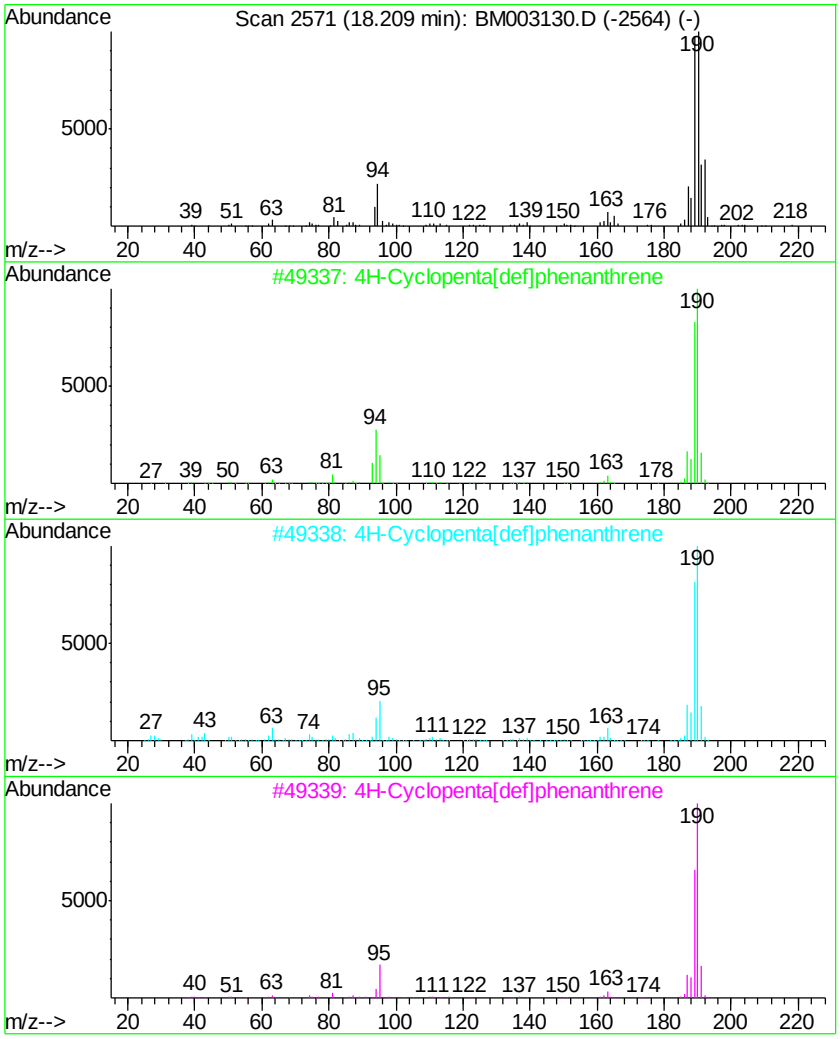
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

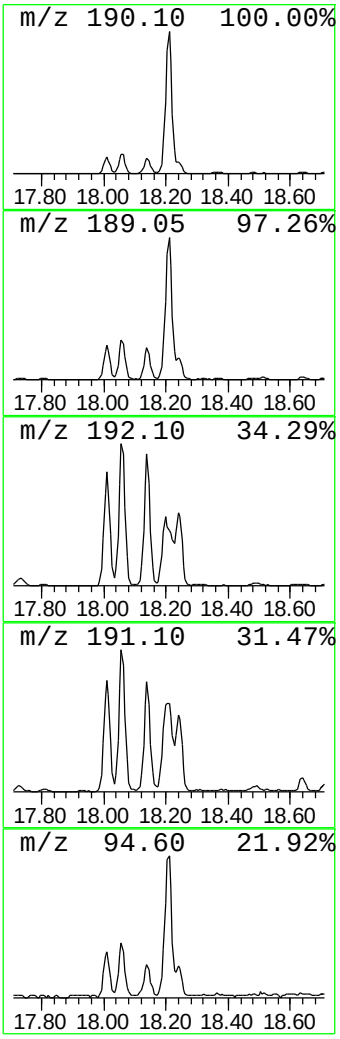
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	10.10 ng/ul	686196	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003130.D
Acq On : 15 Nov 2015 13:47
Operator : UM/IZ
Sample : G4401-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC790

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

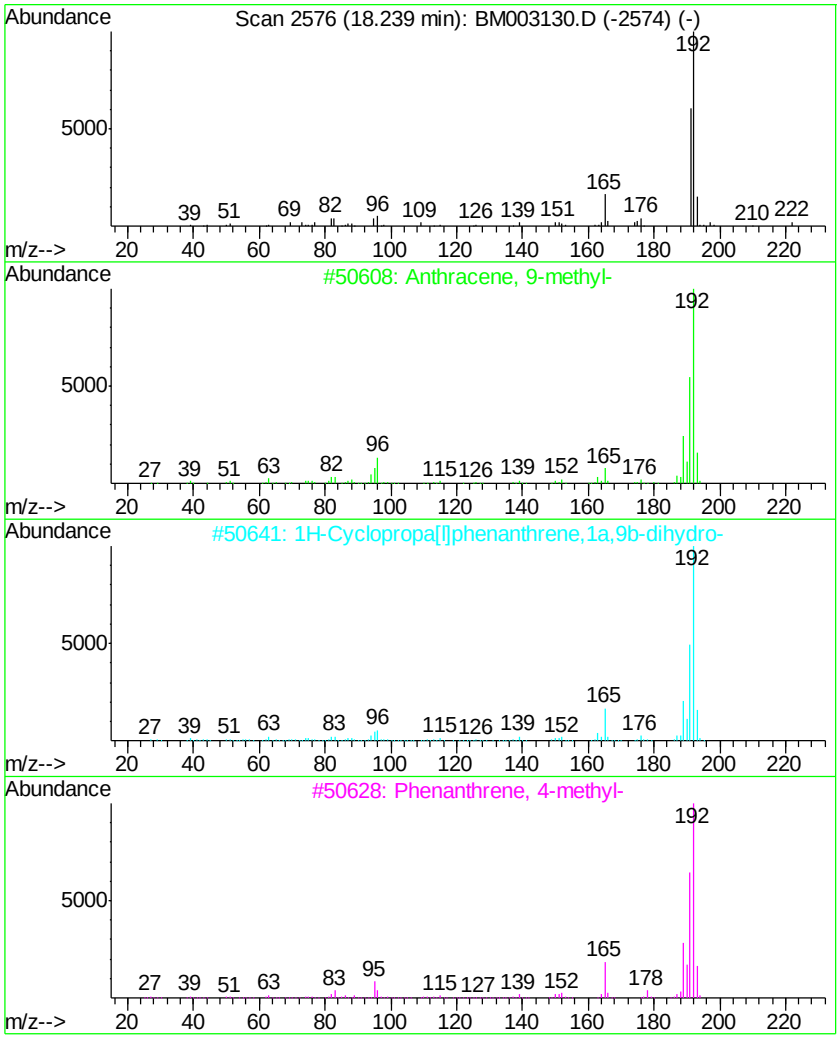
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

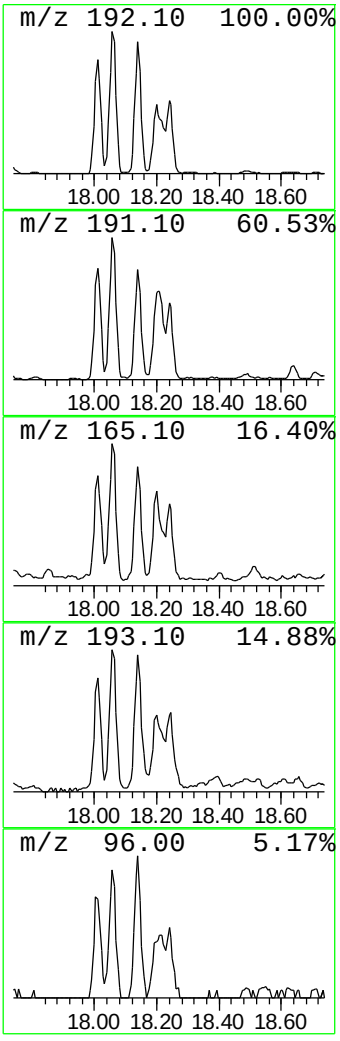
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	2.92 ng/ul	198639	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87





Library Search Compound Report

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Acq On : 15 Nov 2015 13:47
Operator : UM/IZ
Sample : G4401-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC790

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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

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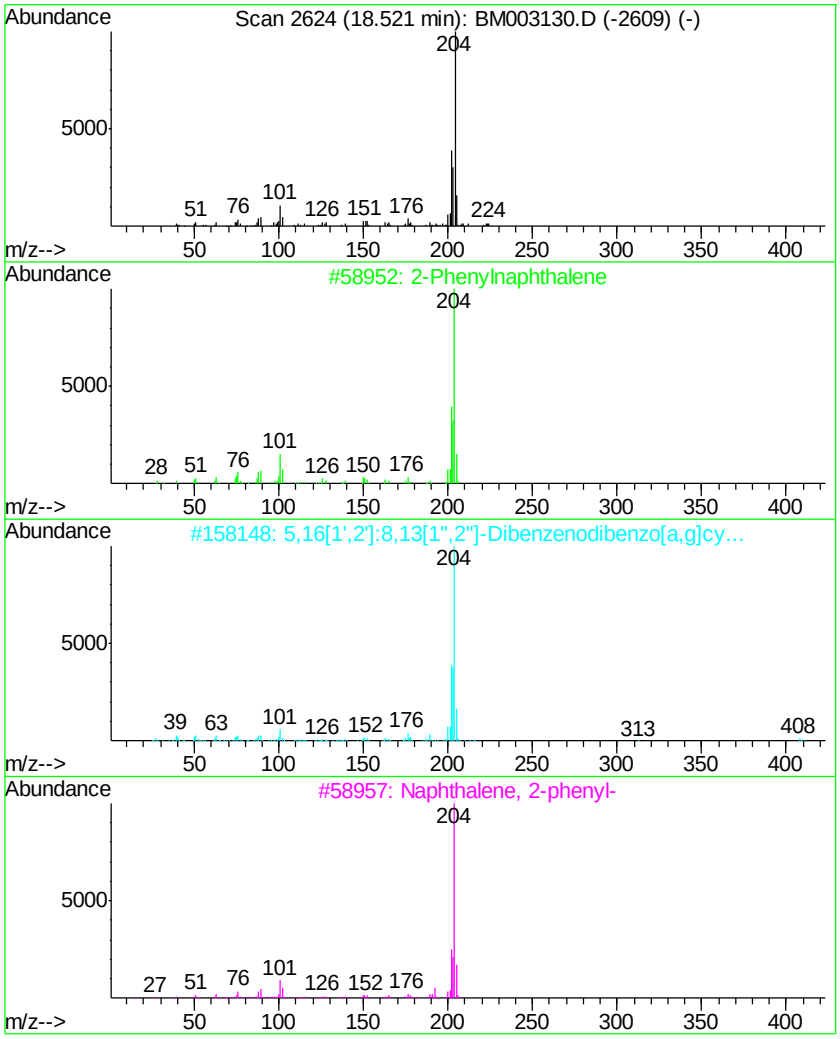
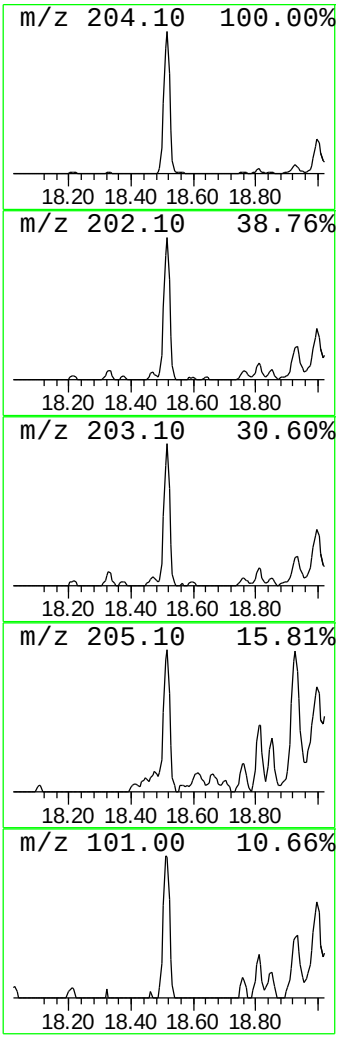
Peak Number 8 2-Phenylnaphthalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	4.80 ng/ul	325976	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86





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Instrument : BNA_M
ClientSampleId : BC790

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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

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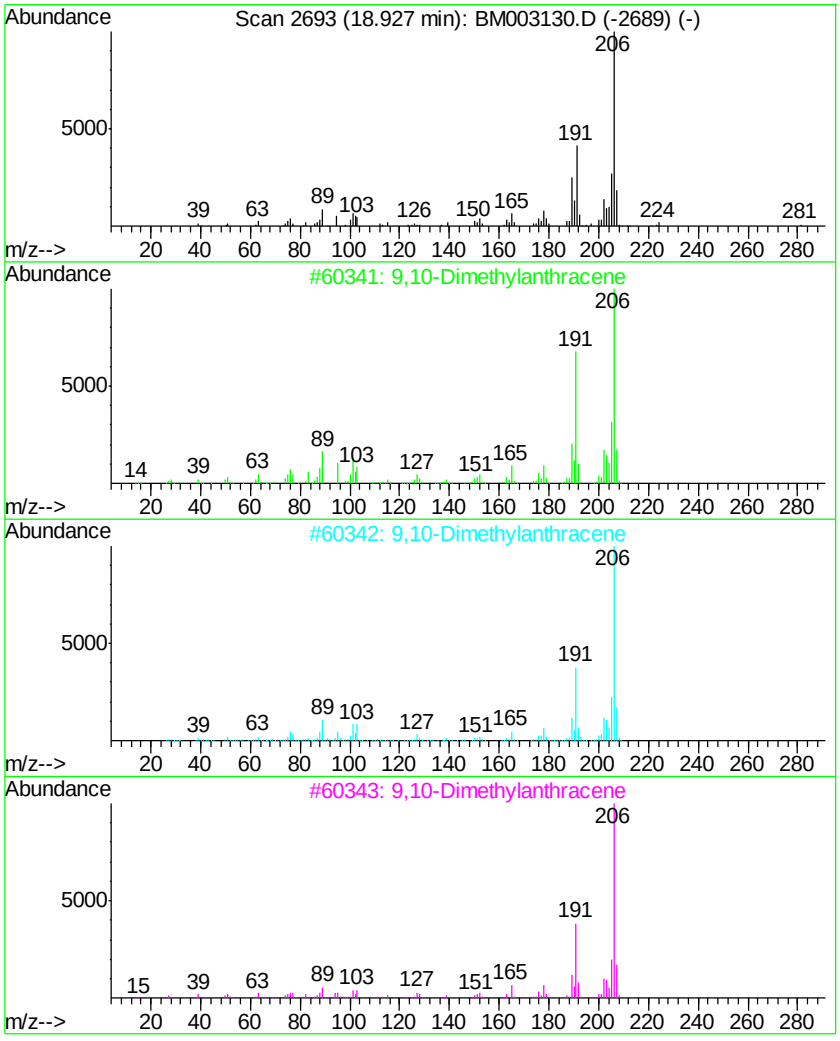
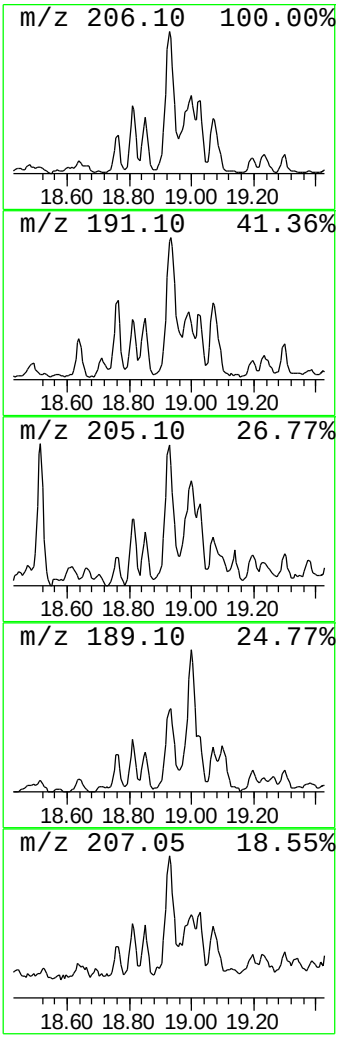
Peak Number 9 9,10-Dimethylanthracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	3.70 ng/ul	251255	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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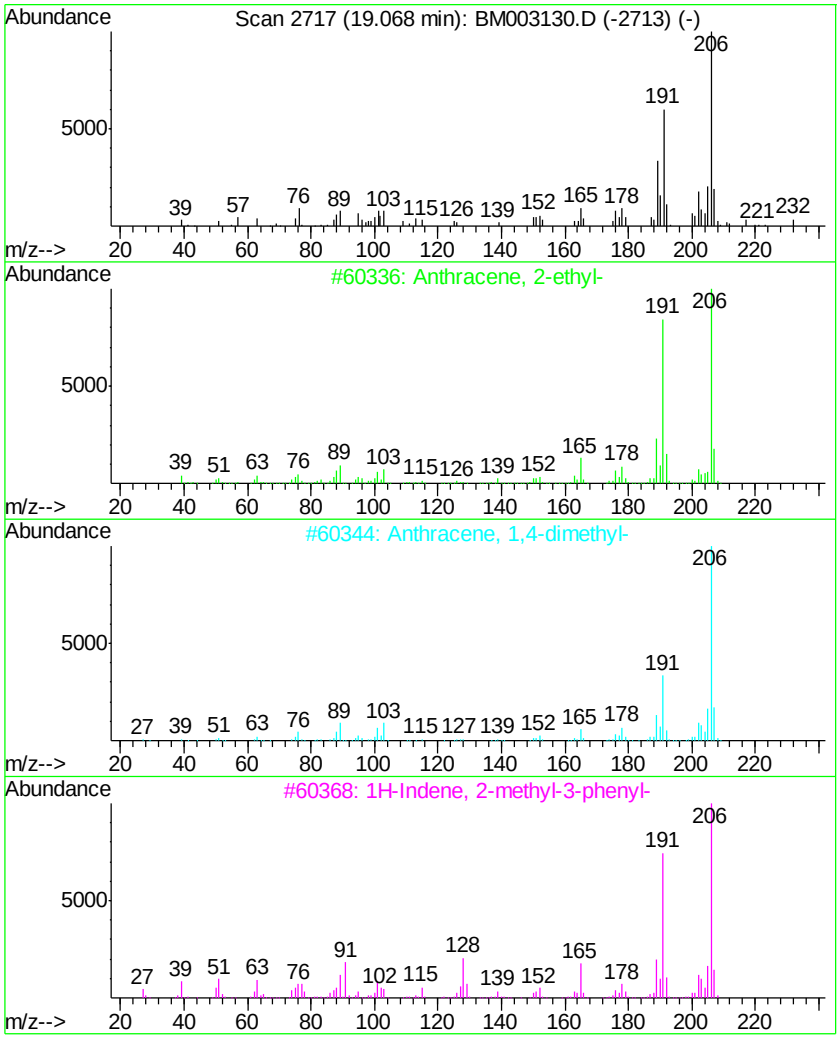
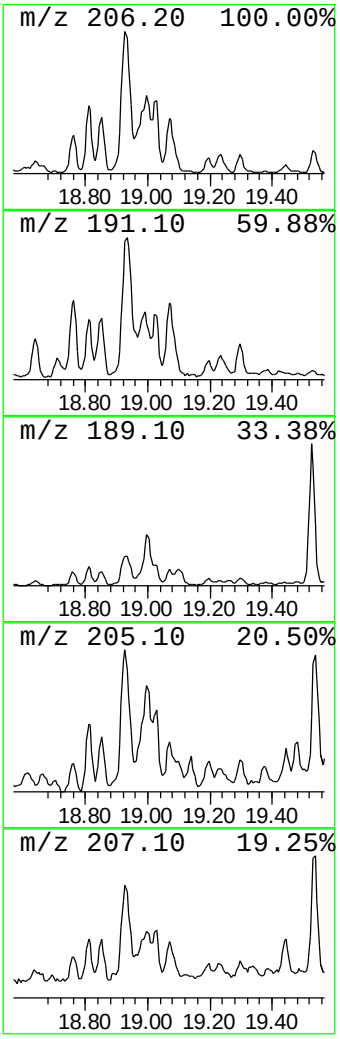
Peak Number 10 Anthracene, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	2.43 ng/ul	165041	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	95
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	94
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	93
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93





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Sample : G4401-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC790

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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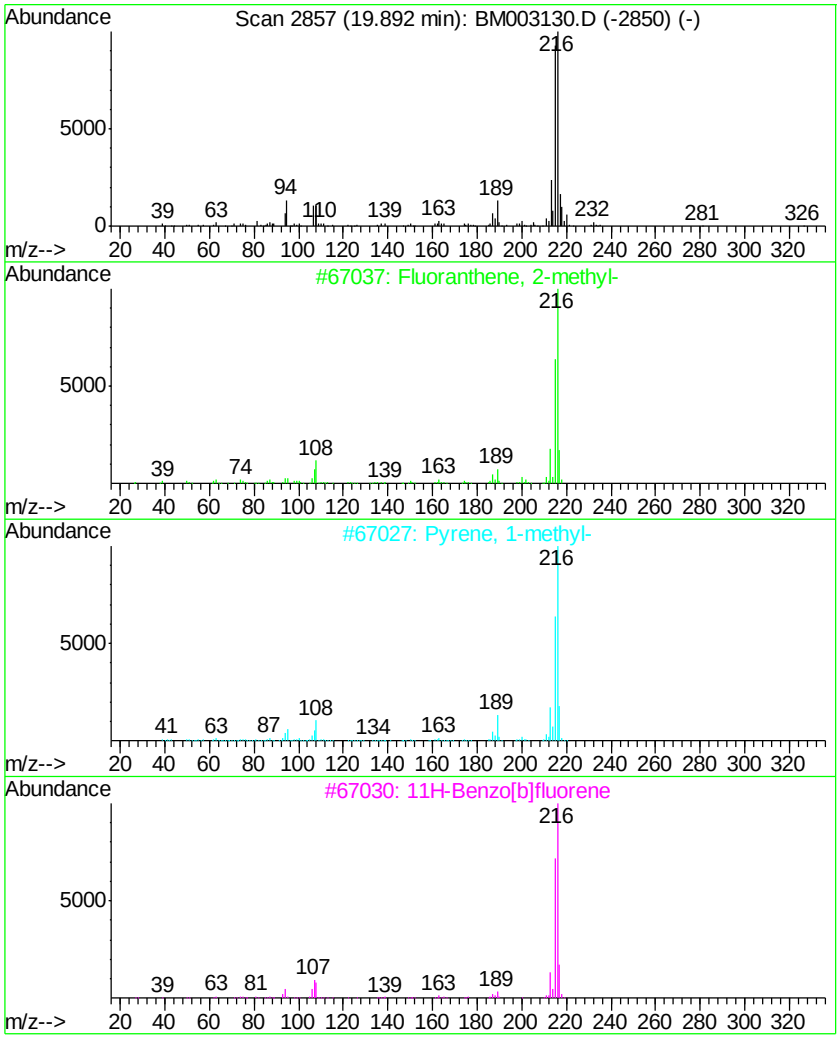
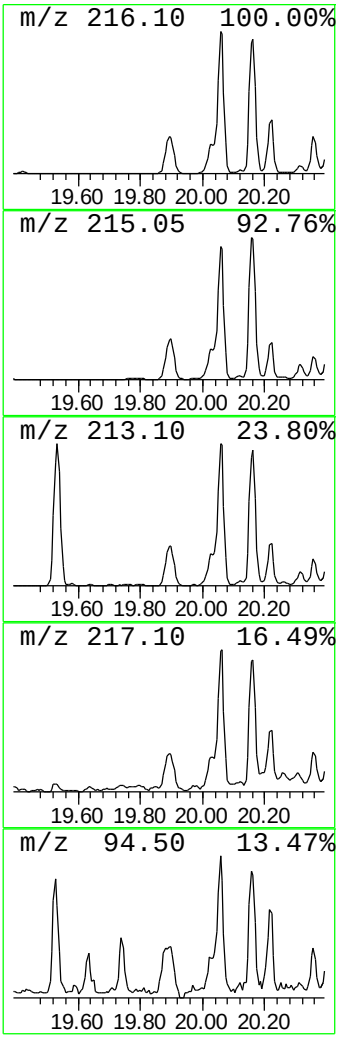
Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	2.41 ng/ul	518761	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





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Sample : G4401-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC790

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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

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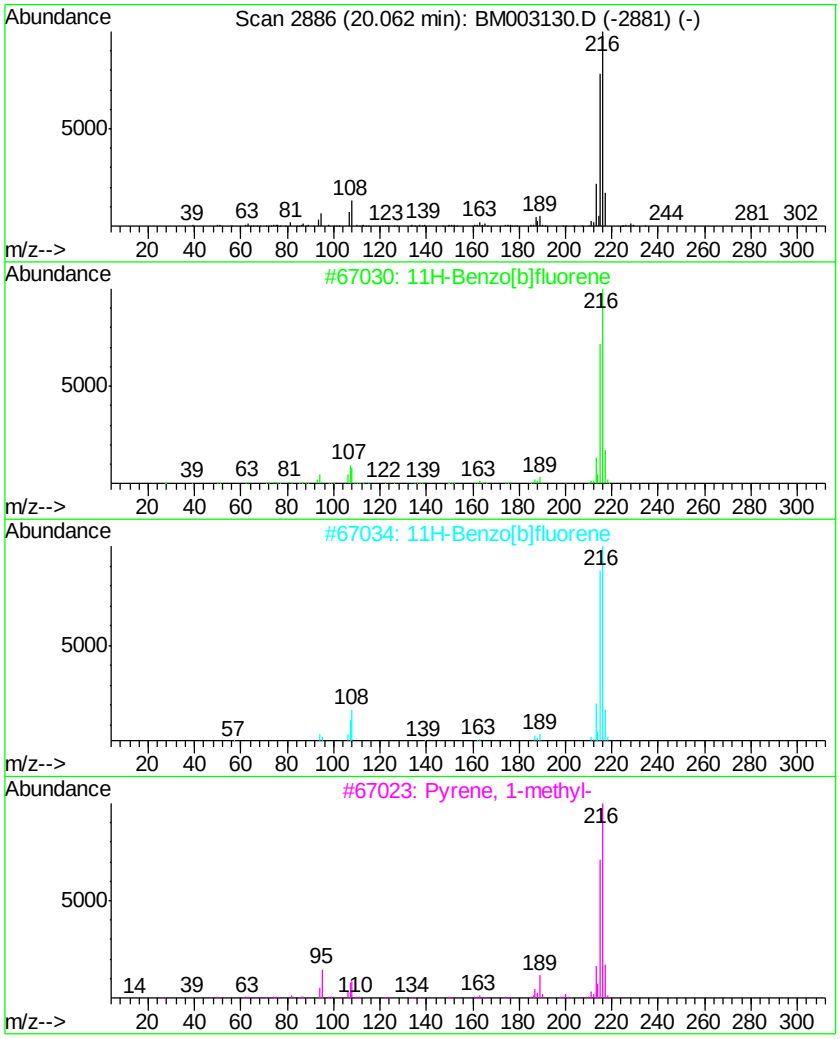
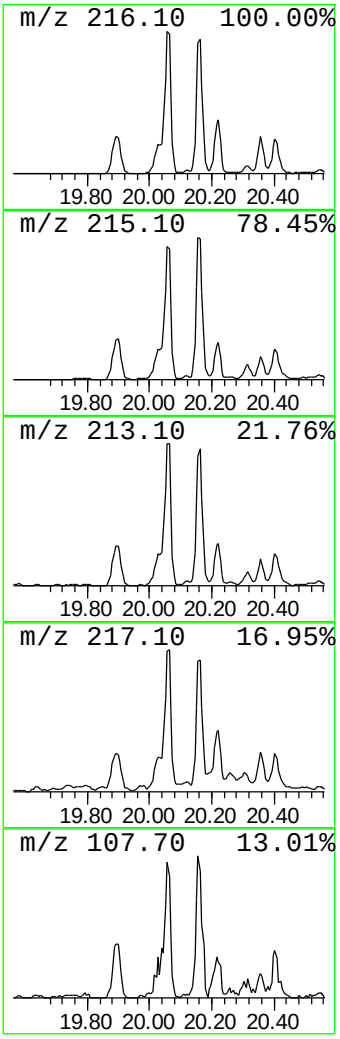
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	4.01 ng/ul	865551	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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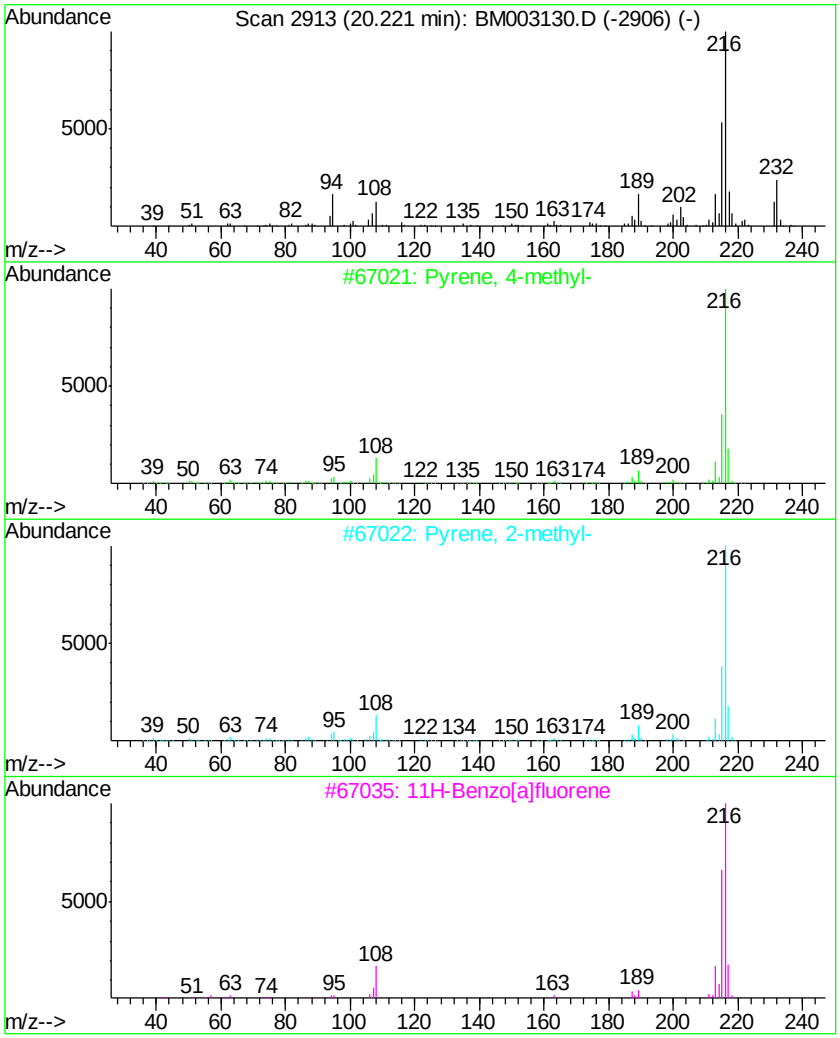
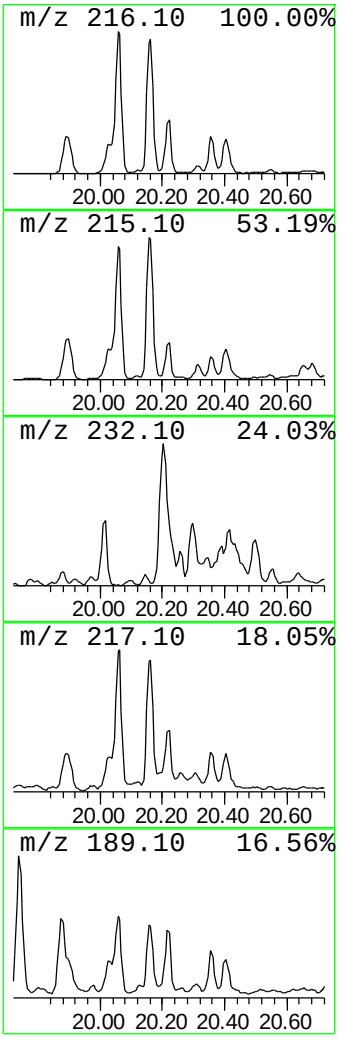
Peak Number 14 Pyrene, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.22	2.21 ng/ul	475699	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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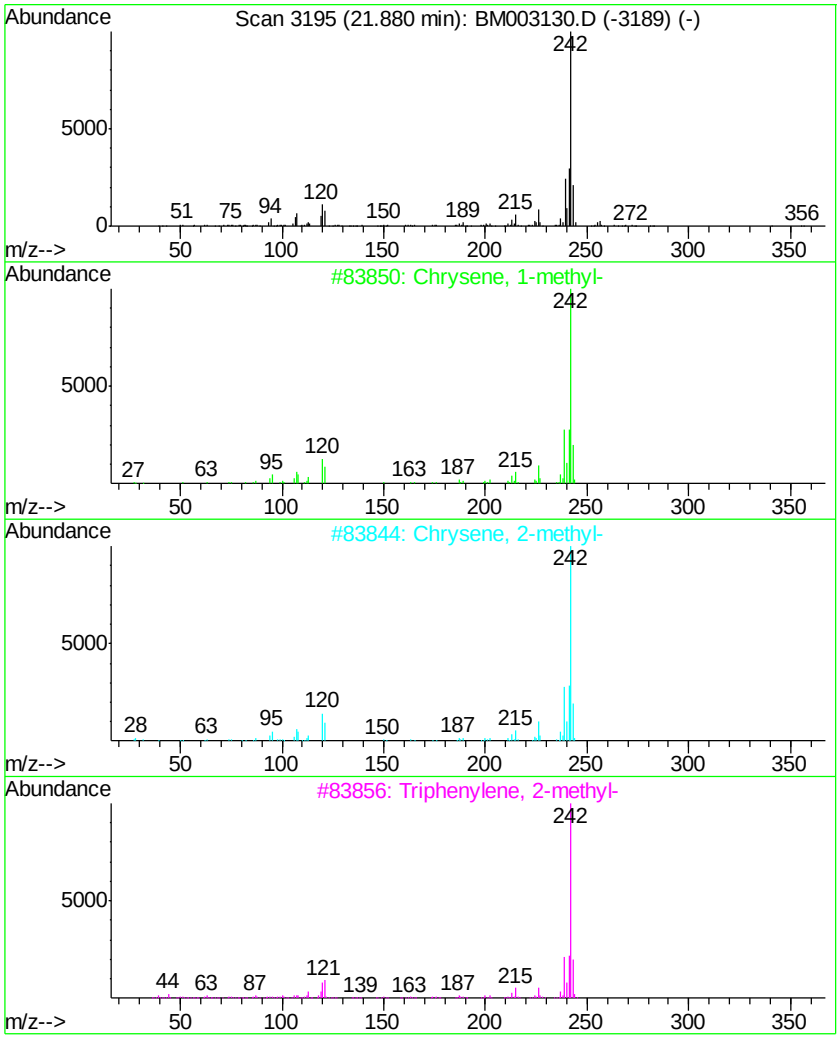
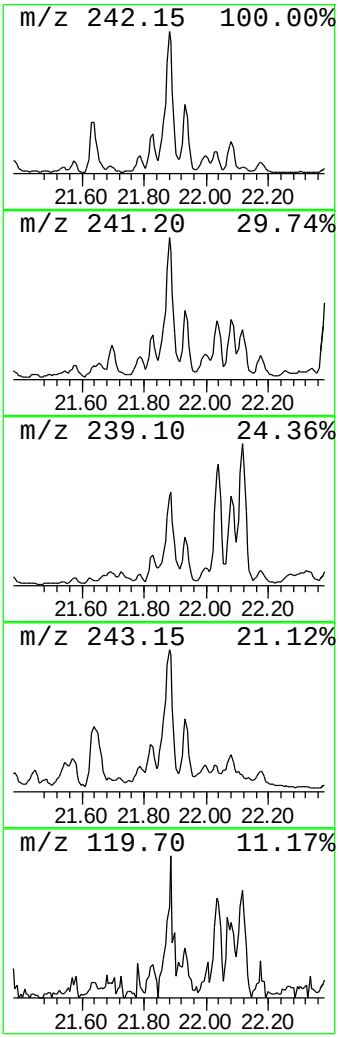
Peak Number 15 Chrysene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.88	2.78 ng/ul	599613	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	98
2	Chrysene, 2-methyl-	242	C19H14	003351-32-4	98
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	98
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	94





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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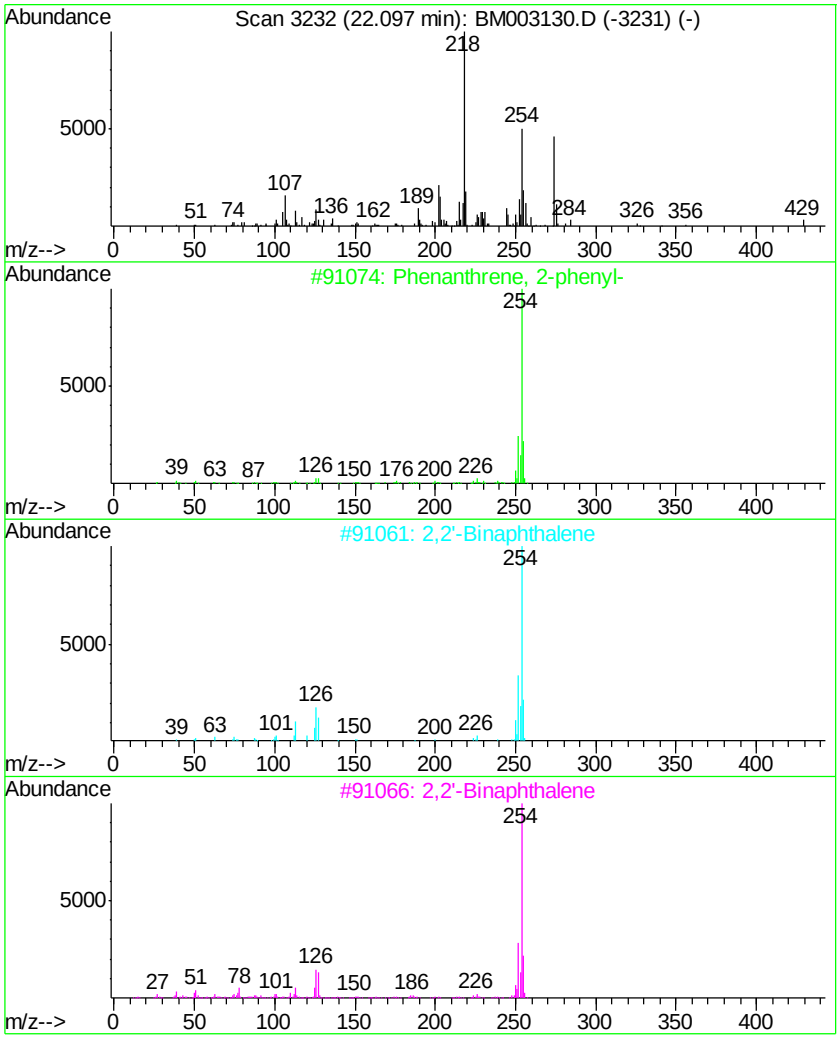
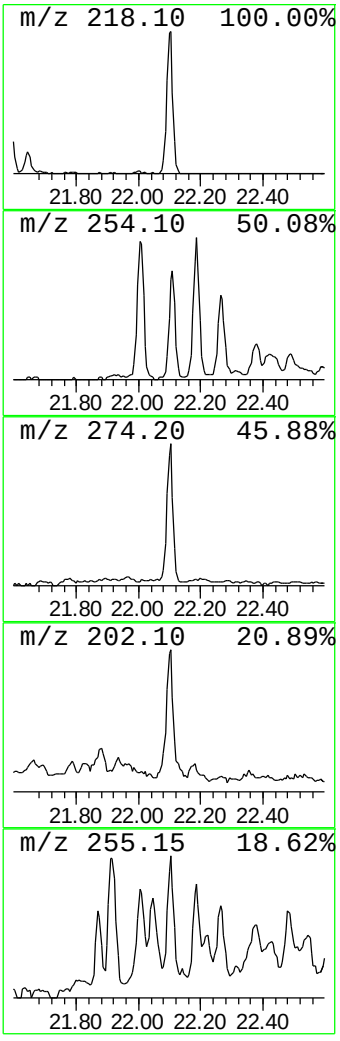
Peak Number 16 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.10	2.32 ng/ul	499393	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	35
2	2,2'-Binaphthalene	254	C20H14	000612-78-2	35
3	2,2'-Binaphthalene	254	C20H14	000612-78-2	35
4	1,1'-Binaphthalene	254	C20H14	000604-53-5	25
5	5,6,6',11,12,12'-Hexahydro-6',12...	274	C19H14O2	111977-22-1	25





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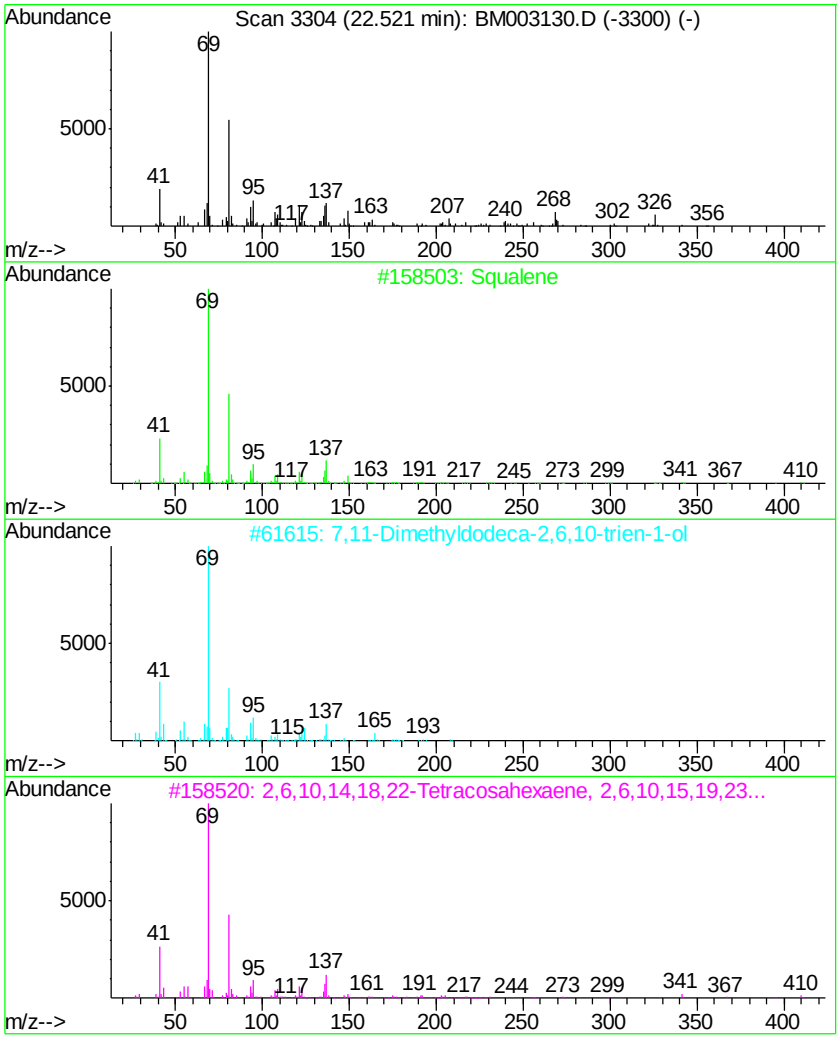
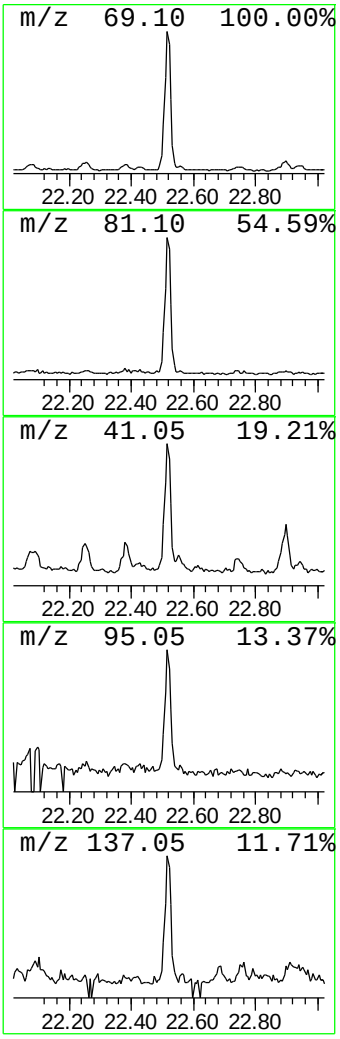
Peak Number 17 Squalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	3.47 ng/ul	282331	Perylene-d12	23.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	81
2	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	74
3	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	72
4	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	70
5	Trideca-1,3,7,11-tetraene-1,1-di...	268	C18H24N2	1000159-88-9	64





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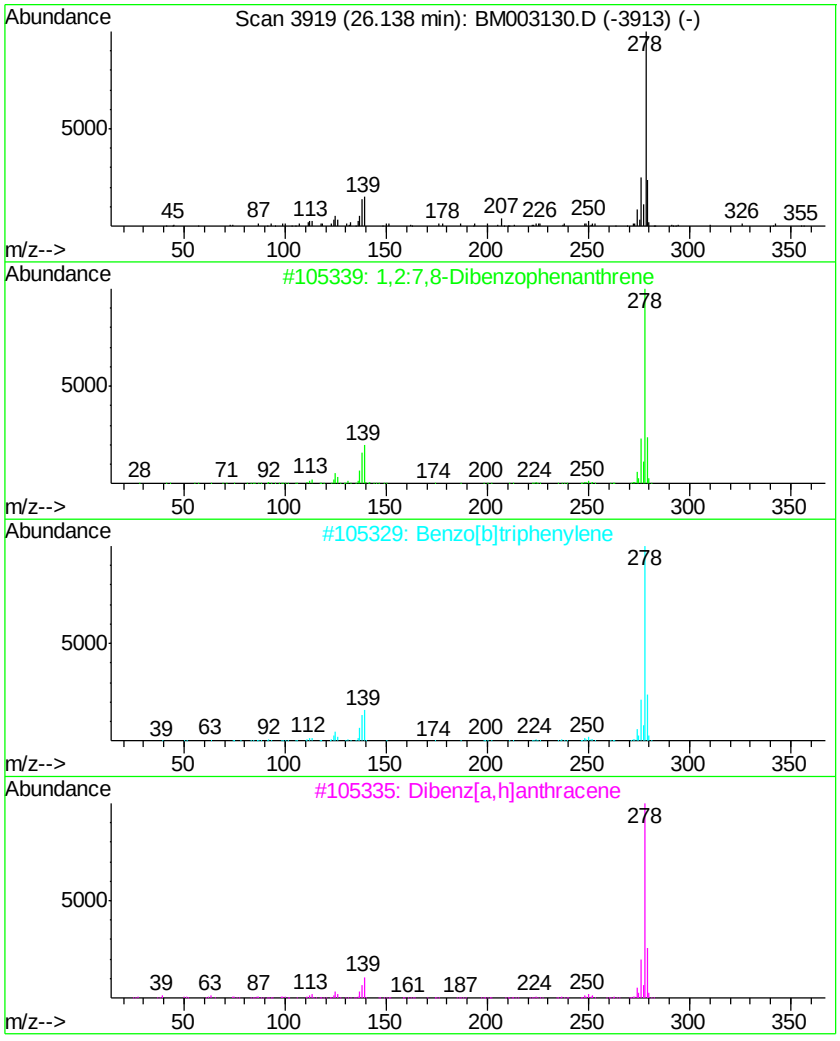
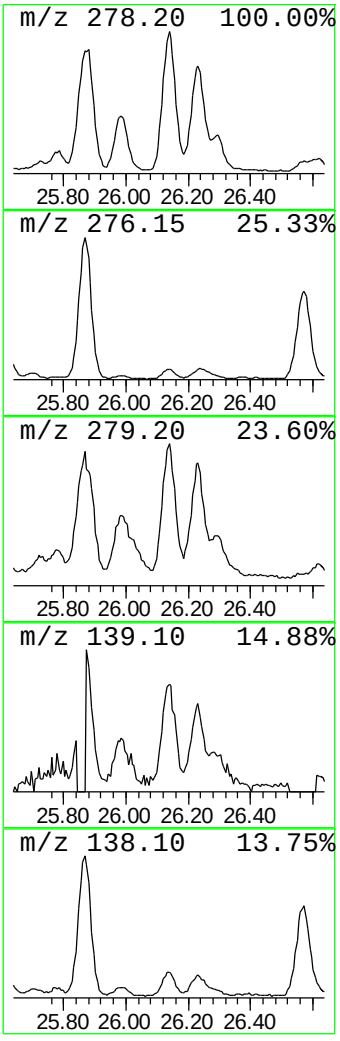
Peak Number 19 1,2:7,8-Dibenzophenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.14	2.69 ng/ul	219039	Perylene-d12	23.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	98
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	97
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	95
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	94
5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	94





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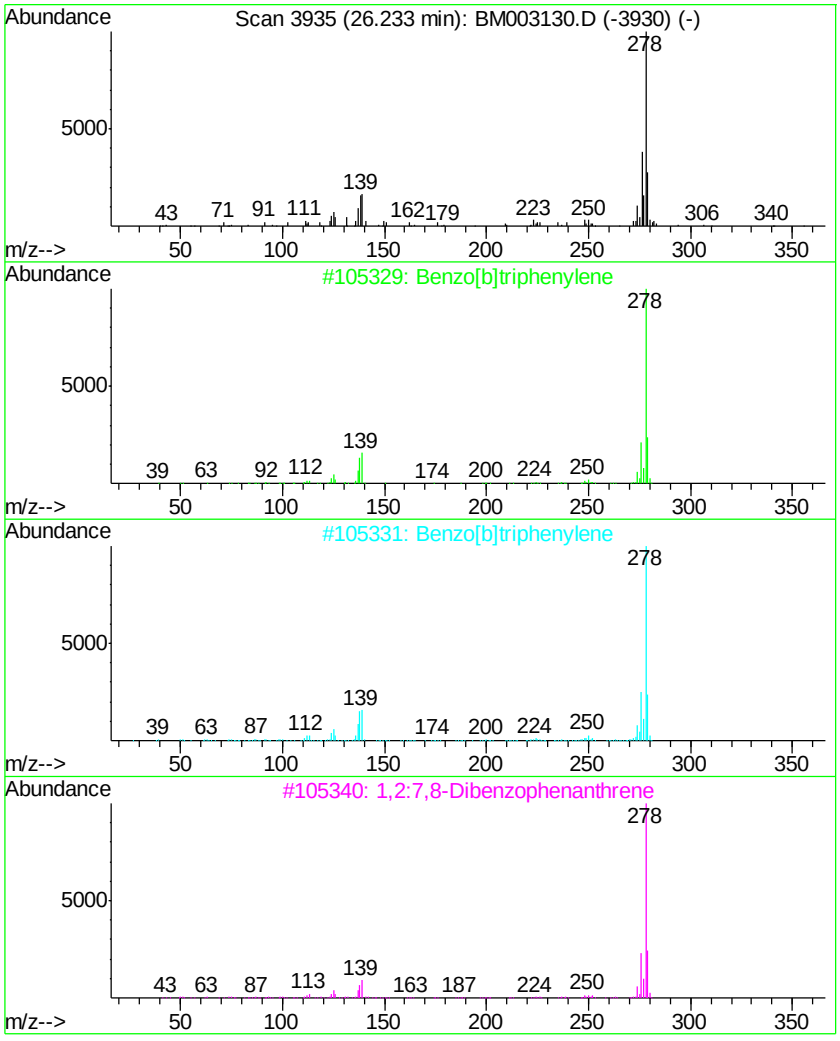
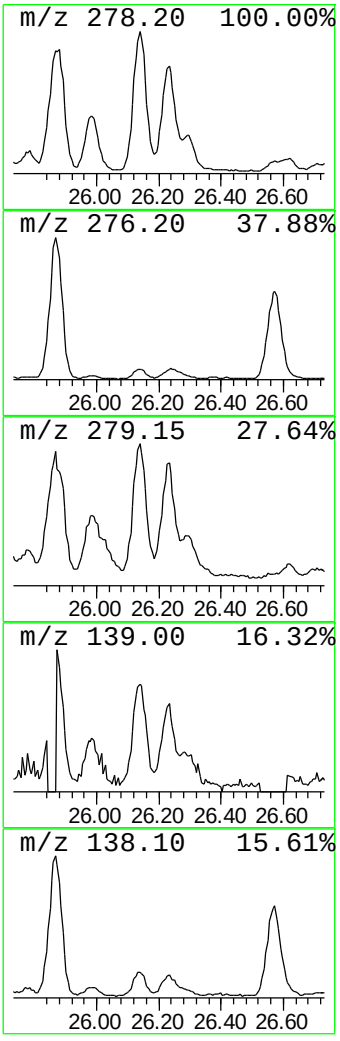
Peak Number 20 Benzo[b]triphenylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.23	3.41 ng/ul	276863	Perylene-d12	23.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	95
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	94
3	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	93
4	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	93
5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	90





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Sample : G4401-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC790

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Quant Title : SVOA CALIBRATION

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

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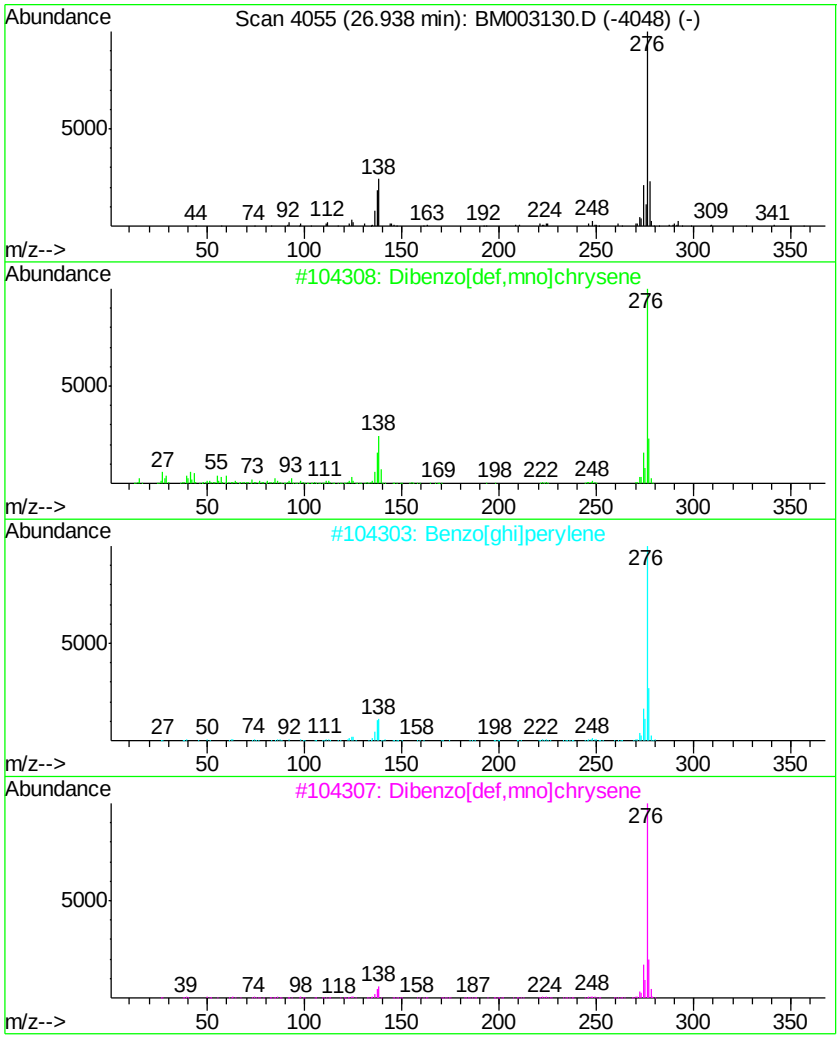
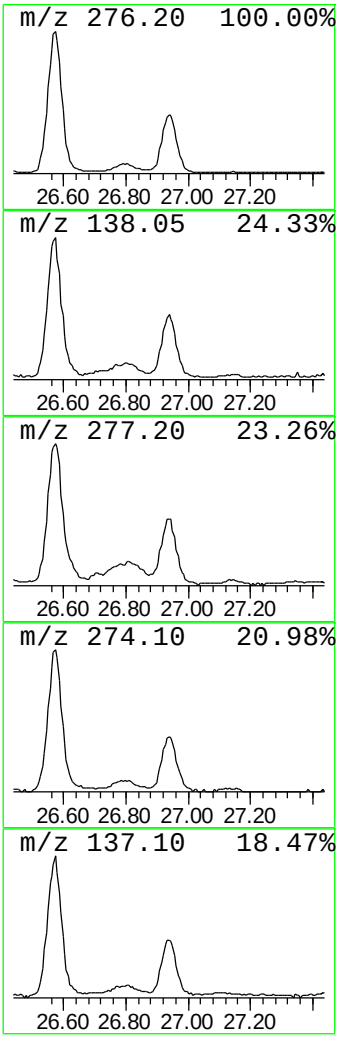
Peak Number 21 Dibenzo[def,mno]chrysene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.94	4.53 ng/ul	368091	Perylene-d12	23.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	91
4	Benzo[ghi]perylene	276	C22H12	000191-24-2	91
5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003130.D
Acq On : 15 Nov 2015 13:47
Operator : UM/IZ
Sample : G4401-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC790

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
9H-Fluoren-9-ol	15.88	2.1	ng/ul	145358	4	17.13	1358810	20.0
(DEL) Alkane: Str...	16.11	2.0	ng/ul	138949	4	17.13	1358810	20.0
Phenanthrene, 2-m...	18.01	5.4	ng/ul	367305	4	17.13	1358810	20.0
4H-Cyclopenta[def...	18.21	10.1	ng/ul	686196	4	17.13	1358810	20.0
Anthracene, 9-met...	18.24	2.9	ng/ul	198639	4	17.13	1358810	20.0
2-Phenylnaphthalene	18.52	4.8	ng/ul	325976	4	17.13	1358810	20.0
9,10-Dimethylanth...	18.93	3.7	ng/ul	251255	4	17.13	1358810	20.0
Anthracene, 2-ethyl-	19.07	2.4	ng/ul	165041	4	17.13	1358810	20.0
Fluoranthene, 2-m...	19.89	2.4	ng/ul	518761	5	21.33	4312320	20.0
11H-Benzo[b]fluorene	20.06	4.0	ng/ul	865551	5	21.33	4312320	20.0
Pyrene, 4-methyl-	20.22	2.2	ng/ul	475699	5	21.33	4312320	20.0
Chrysene, 1-methyl-	21.88	2.8	ng/ul	599613	5	21.33	4312320	20.0
unknown-01	22.10	2.3	ng/ul	499393	5	21.33	4312320	20.0
Squalene	22.52	3.5	ng/ul	282331	6	23.59	1626030	20.0
1,2:7,8-Dibenzoph...	26.14	2.7	ng/ul	219039	6	23.59	1626030	20.0
Benzo[b]triphenylene	26.23	3.4	ng/ul	276863	6	23.59	1626030	20.0
Dibenzo[def,mno]c...	26.94	4.5	ng/ul	368091	6	23.59	1626030	20.0