LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004043.D
Acq On : 15 Jan 2016 12:22
Operator : SJ/UM
Sample : H1100-01 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC982

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-BM010116.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	7.663	773	778	786	rBB	131881	199546	12.06%	0.982%
2	10.451	1245	1252	1258	rBV	206539	337271	20.39%	1.659%
3	14.039	1859	1862	1870	rVB	40880	62279	3.76%	0.306%
4	14.321	1902	1910	1917	rBV2	311405	470480	28.44%	2.315%
5	15.315	2075	2079	2084	rVV	39995	55964	3.38%	0.275%
6	15.368	2084	2088	2100	rVV2	28999	53719	3.25%	0.264%
7	16.051	2198	2204	2210	rBV3	34582	68496	4.14%	0.337%
8	16.380	2250	2260	2264	rBV4	22154	50835	3.07%	0.250%
9	16.886	2340	2346	2355	rVB	49057	84438	5.10%	0.415%
10	17.068	2372	2377	2381	rBV	386875	574029	34.70%	2.824%
11	17.115	2381	2385	2390	rVB	486949	670320	40.52%	3.298%
12	17.168	2390	2394	2397	rBV	38390	54036	3.27%	0.266%
13	17.203	2397	2400	2405	rVB	113051	146818	8.87%	0.722%
14	17.262	2405	2410	2415	rBV2	25971	53990	3.26%	0.266%
15	17.480	2442	2447	2451	rBV	33186	53079	3.21%	0.261%
16	17.650	2469	2476	2484	rVB	75140	117783	7.12%	0.580%
17	17.798	2496	2501	2508	rVB	39792	69803	4.22%	0.343%
18	17.945	2521	2526	2531	rBV	189116	290333	17.55%	1.428%
19	17.998	2531	2535	2541	rVB	244456	346376	20.94%	1.704%
20	18.074	2541	2548	2553	rBV	51833	91822	5.55%	0.452%
21	18.139	2553	2559	2563	rBV2	219063	383842	23.20%	1.889%
22	18.180	2563	2566	2576	rVB	146449	197467	11.94%	0.972%
23	18.350	2590	2595	2599	rVB2	46042	64836	3.92%	0.319%
24	18.450	2607	2612	2616	rBV2	109192	158967	9.61%	0.782%
25	18.497	2616	2620	2630	rVB3	110727	197970	11.97%	0.974%
26	18.621	2635	2641	2646	rVB2	25420	52434	3.17%	0.258%
27	18.674	2646	2650	2651	rBV	42943	53937	3.26%	0.265%
28	18.697	2651	2654	2658	rVB	66709	80565	4.87%	0.396%
29	18.750	2659	2663	2666	rBV	120711	138531	8.37%	0.682%
30	18.792	2666	2670	2674	rVB2	94661	134126	8.11%	0.660%
31	18.874	2674	2684	2689	rBV	284418	486828	29.43%	2.395%
32	18.933	2689	2694	2697	rVB3	78884	124476	7.52%	0.612%
33	18.968	2697	2700	2703	rVB	72764	88487	5.35%	0.435%
34	19.015	2703	2708	2714	rBV3	106678	227586	13.76%	1.120%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004043.D
Acq On : 15 Jan 2016 12:22
Operator : SJ/UM
Sample : H1100-01 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC982

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-BM010116.M
Title : SVOA CALIBRATION

35	19.068	2714	2717	2722	rVB	46279	64930	3.92%	0.319%
36	19.139	2723	2729	2735	rVB	812193	1083995	65.52%	5.333%
37	19.203	2735	2740	2743	rBV	71009	103418	6.25%	0.509%
38	19.239	2743	2746	2750	rVB	51524	62846	3.80%	0.309%
39	19.292	2750	2755	2758	rBV3	49742	71298	4.31%	0.351%
40	19.386	2766	2771	2774	rBV	76507	94474	5.71%	0.465%
41	19.415	2774	2776	2781	rVB2	38176	46652	2.82%	0.230%
42	19.503	2781	2791	2800	rBV	893255	1654358	100.00%	8.140%
43	19.586	2800	2805	2809	rBV2	151315	226681	13.70%	1.115%
44	19.674	2809	2820	2823	rBV6	53903	149778	9.05%	0.737%
45	19.703	2823	2825	2828	rVB2	45992	47789	2.89%	0.235%
46	19.744	2828	2832	2839	rVB4	77908	133933	8.10%	0.659%
47	19.833	2841	2847	2848	rBV3	128099	189762	11.47%	0.934%
48	19.921	2857	2862	2865	rBV4	46146	64257	3.88%	0.316%
49	19.968	2865	2870	2871	rBV2	99086	115381	6.97%	0.568%
50	19.997	2872	2875	2885	rVB2	253395	404830	24.47%	1.992%
51	20.103	2890	2893	2898	rVV	99311	132138	7.99%	0.650%
52	20.162	2899	2903	2908	rVV	192678	268712	16.24%	1.322%
53	20.203	2908	2910	2915	rVB3	40900	55027	3.33%	0.271%
54	20.280	2915	2923	2925	rBV3	107664	176307	10.66%	0.867%
55	20.303	2925	2927	2930	rVV	152637	164868	9.97%	0.811%
56	20.350	2931	2935	2939	rVB2	139168	181201	10.95%	0.892%
57	20.386	2939	2941	2946	rVB2	57076	66722	4.03%	0.328%
58	20.468	2952	2955	2959	rVB2	43510	59103	3.57%	0.291%
59	20.568	2967	2972	2974	rBV2	87941	126290	7.63%	0.621%
60	20.597	2974	2977	2980	rVB2	70131	78825	4.76%	0.388%
61	20.756	2999	3004	3010	rVB	129419	247552	14.96%	1.218%
62	20.844	3016	3019	3024	rVB	62785	83681	5.06%	0.412%
63	20.921	3024	3032	3036	rBV3	156844	348146	21.04%	1.713%
64	20.962	3036	3039	3042	rVB	81683	89186	5.39%	0.439%
65	21.009	3042	3047	3050	rBV2	69036	122542	7.41%	0.603%
66	21.162	3066	3073	3078	rBV2	52852	114574	6.93%	0.564%
67	21.274	3085	3092	3096	rBV2	596968	1293113	78.16%	6.362%
68	21.315	3096	3099	3108	rVB	480312	672373	40.64%	3.308%
69	21.391	3108	3112	3116	rBV3	67592	94275	5.70%	0.464%
70	21.433	3116	3119	3124	rBV2	55645	94676	5.72%	0.466%
71	21.491	3125	3129	3136	rVV7	45020	103667	6.27%	0.510%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004043.D
Acq On : 15 Jan 2016 12:22
Operator : SJ/UM
Sample : H1100-01 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC982

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-BM010116.M
Title : SVOA CALIBRATION

72	21.609	3142	3149	3151	rBV5	56697	124041	7.50%	0.610%
73	21.638	3152	3154	3158	rVV3	56561	71743	4.34%	0.353%
74	21.733	3165	3170	3173	rBV3	33965	60425	3.65%	0.297%
75	21.774	3173	3177	3180	rVV	51686	71957	4.35%	0.354%
76	21.827	3180	3186	3190	rVV	192192	350469	21.18%	1.724%
77	21.880	3191	3195	3200	rVV	120506	192456	11.63%	0.947%
78	21.944	3202	3206	3209	rVV3	64529	111487	6.74%	0.549%
79	21.980	3209	3212	3216	rVV3	51393	88984	5.38%	0.438%
80	22.027	3216	3220	3223	rVV2	95496	148234	8.96%	0.729%
81	22.056	3223	3225	3232	rVB3	64959	86663	5.24%	0.426%
82	22.127	3232	3237	3243	rBV2	59328	99719	6.03%	0.491%
83	22.480	3293	3297	3303	rVB	61654	110986	6.71%	0.546%
84	22.597	3312	3317	3322	rBV4	36964	68090	4.12%	0.335%
85	22.850	3353	3360	3365	rBV	239687	588622	35.58%	2.896%
86	22.932	3371	3374	3382	rVB3	24500	46930	2.84%	0.231%
87	23.015	3384	3388	3394	rVB	51032	78840	4.77%	0.388%
88	23.150	3406	3411	3419	rBV4	24497	56433	3.41%	0.278%
89	23.321	3434	3440	3446	rBV	198200	378723	22.89%	1.863%
90	23.421	3451	3457	3463	rVV	273977	493379	29.82%	2.428%
91	23.515	3466	3473	3478	rVV	246550	484297	29.27%	2.383%
92	23.568	3478	3482	3489	rVB3	80845	166856	10.09%	0.821%
93	23.997	3551	3555	3561	rBV3	28464	64779	3.92%	0.319%
94	24.056	3562	3565	3574	rVB2	34513	66672	4.03%	0.328%
95	24.179	3579	3586	3592	rBV4	19461	50109	3.03%	0.247%
96	24.250	3592	3598	3604	rBV2	25531	63910	3.86%	0.314%
97	24.379	3615	3620	3633	rVB3	43529	126256	7.63%	0.621%
98	25.768	3846	3856	3867	rVB	120454	354948	21.46%	1.746%
99	26.456	3964	3973	3991	rVB	85948	291633	17.63%	1.435%
100	26.820	4027	4035	4050	rVB2	25249	98043	5.93%	0.482%

Sum of corrected areas: 20324513

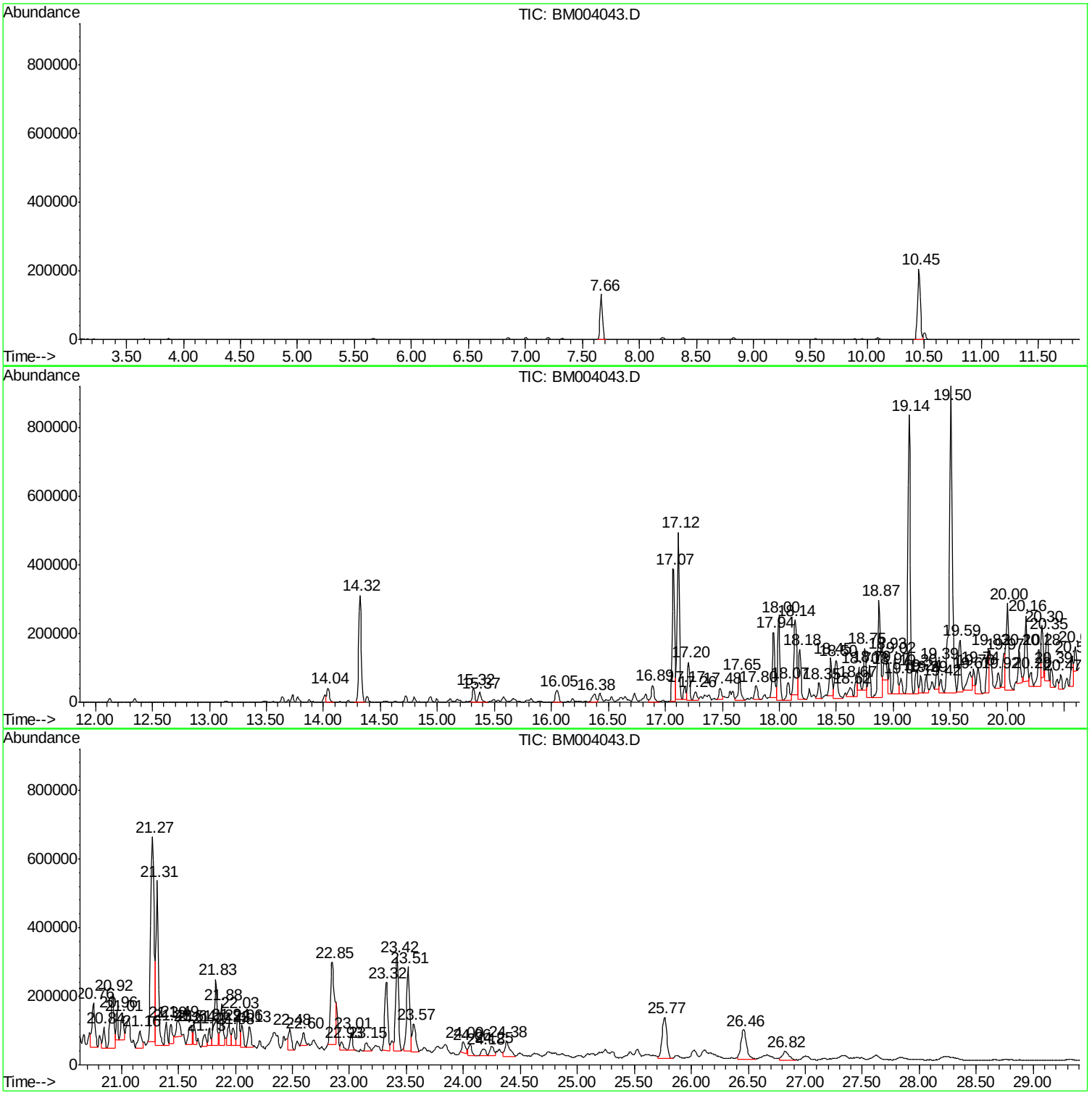
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004043.D
Acq On : 15 Jan 2016 12:22
Operator : SJ/UM
Sample : H1100-01 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC982

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004043.D
Acq On : 15 Jan 2016 12:22
Operator : SJ/UM
Sample : H1100-01 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC982

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

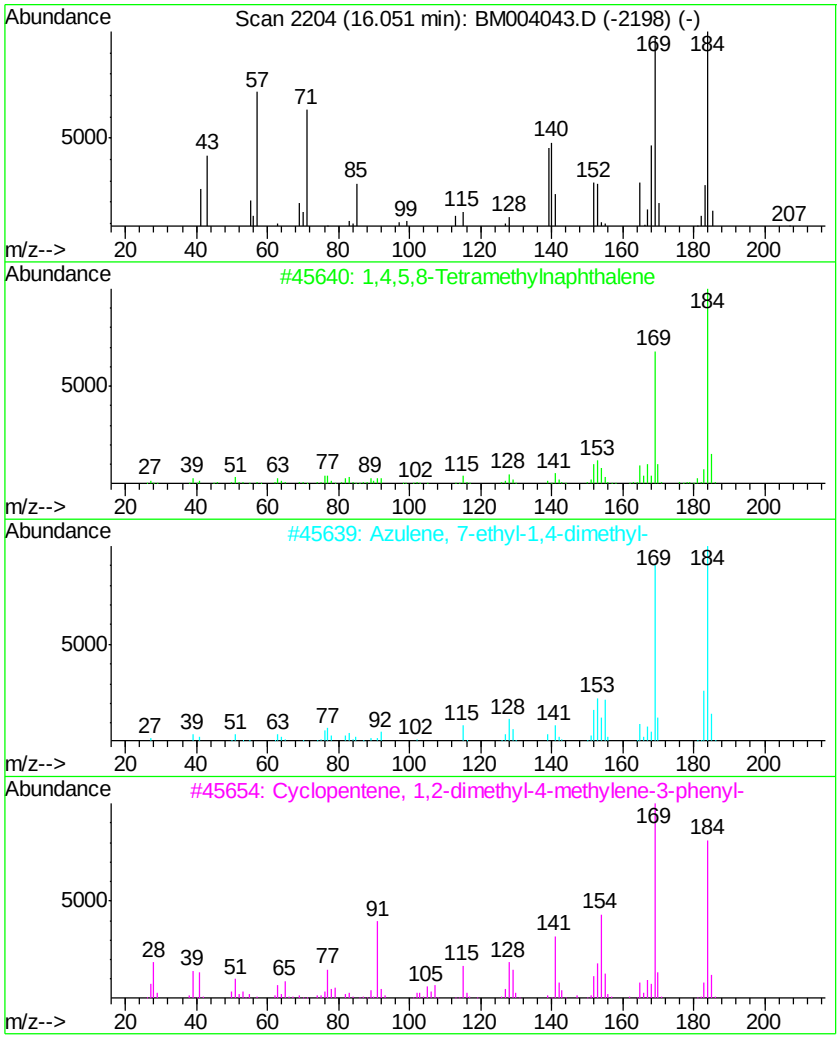
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

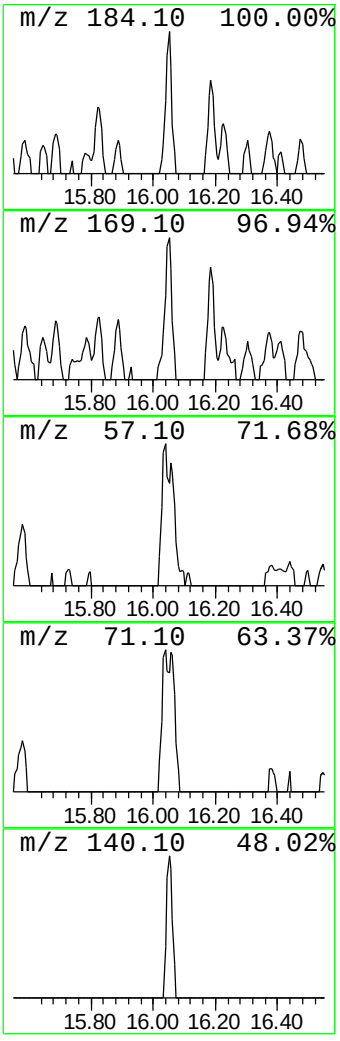
****

Peak Number 1 1,4,5,8-Tetramethylnaphthalene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	2.39 ng/ul	68496	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	60
2	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	58
3	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	46
4	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	46
5	[1,1'-Biphenyl]-4-methanol	184	C13H12O	003597-91-9	42





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004043.D
Acq On : 15 Jan 2016 12:22
Operator : SJ/UM
Sample : H1100-01 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC982

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

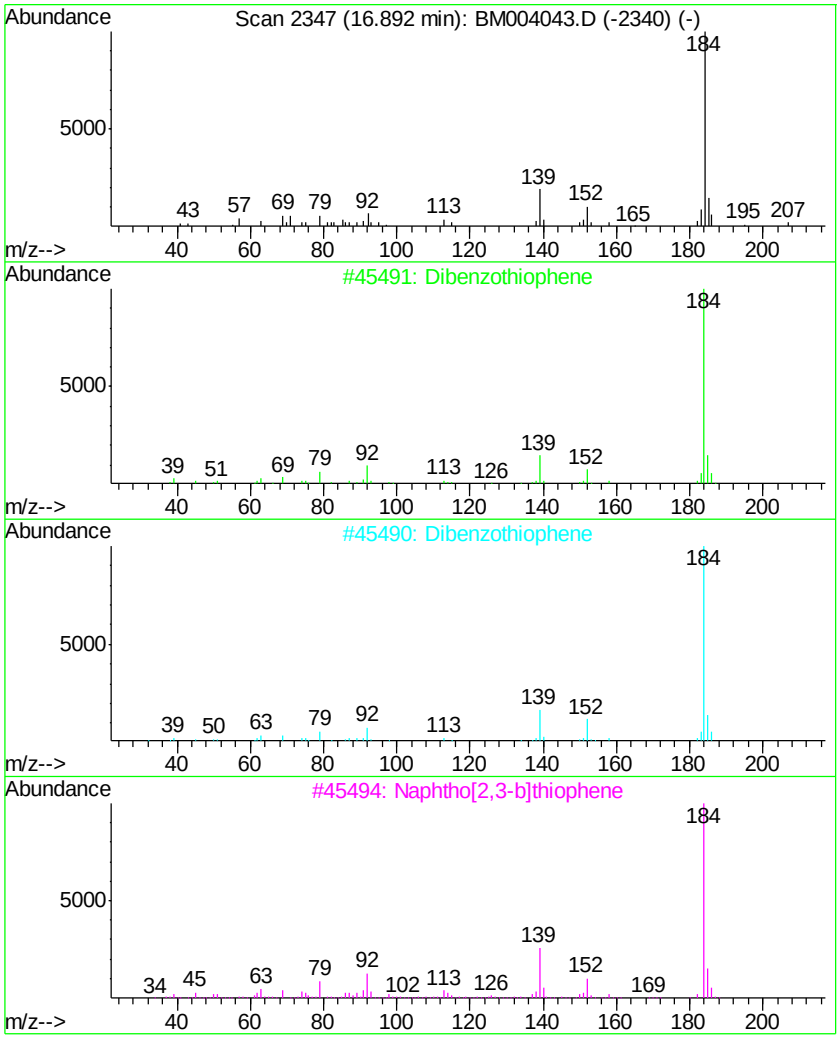
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

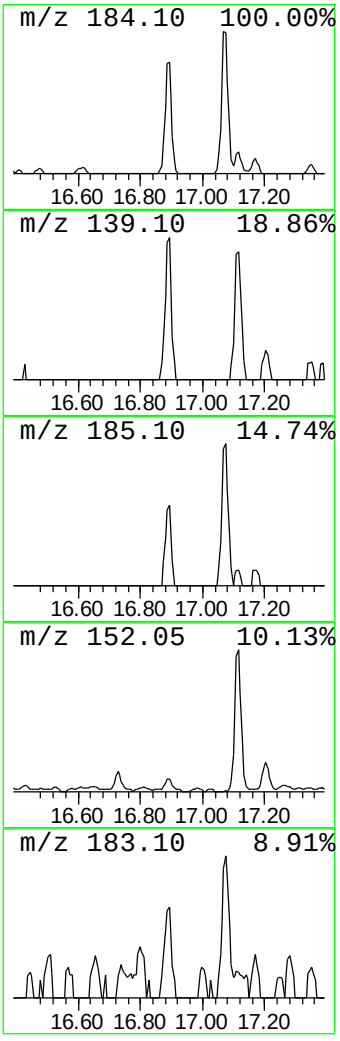
****

Peak Number 2 Dibenzothiophene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	2.94 ng/ul	84438	Phenanthrene-d10	17.07

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





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004043.D
Acq On : 15 Jan 2016 12:22
Operator : SJ/UM
Sample : H1100-01 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC982

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

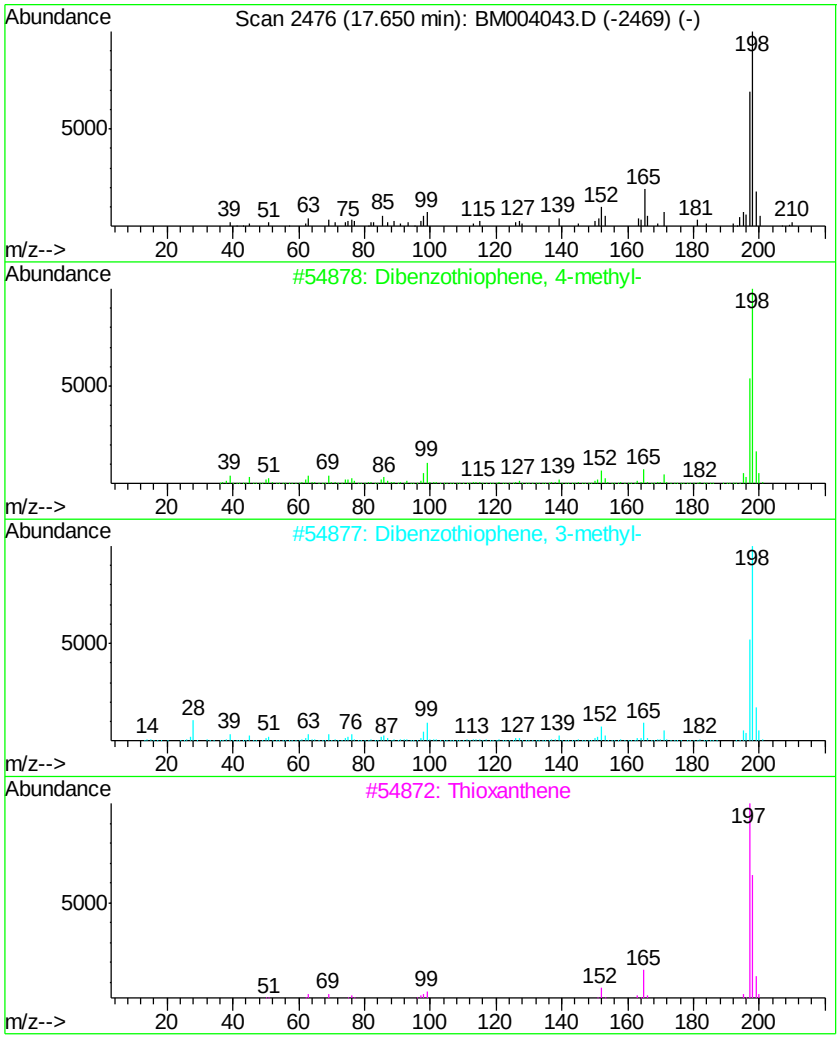
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

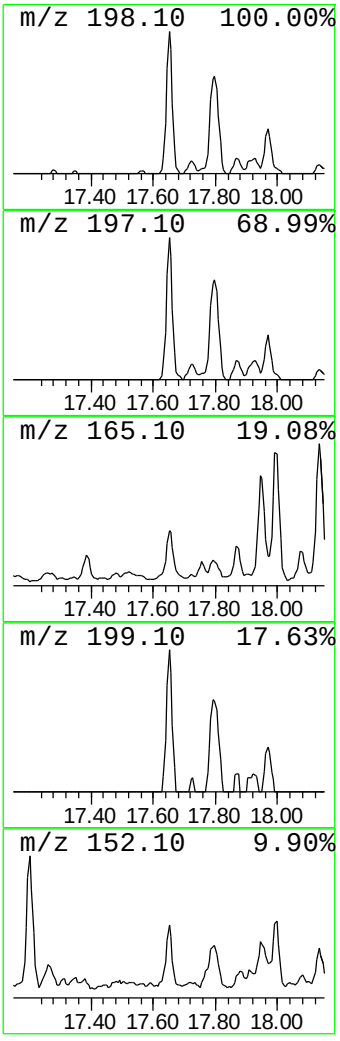
****

Peak Number 3 Dibenzothiophene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	4.10 ng/ul	117783	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
3	Thioxanthene	198	C13H10S	000261-31-4	92
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	81
5	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004043.D
Acq On : 15 Jan 2016 12:22
Operator : SJ/UM
Sample : H1100-01 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC982

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

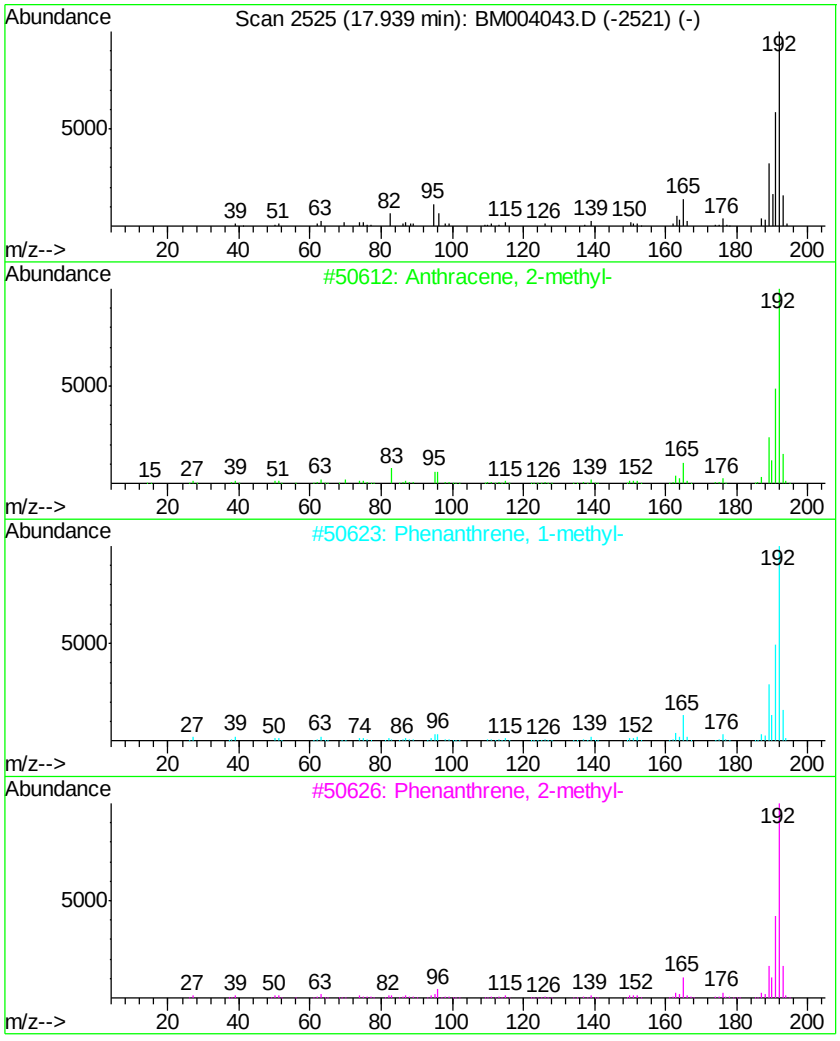
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

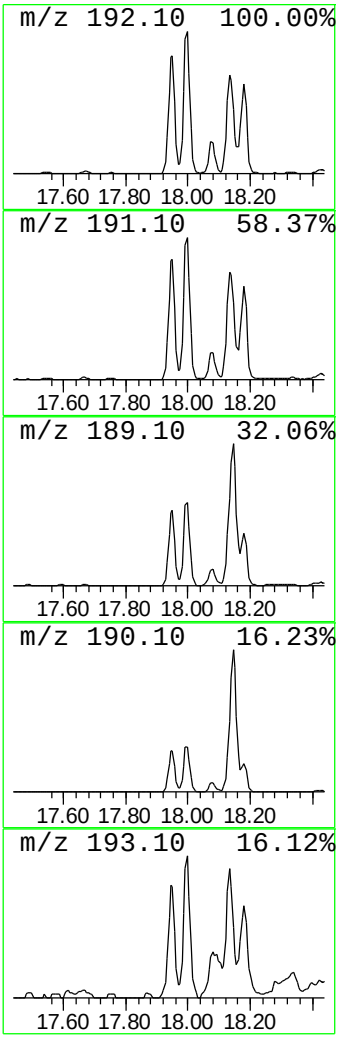
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	10.12 ng/ul	290333	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004043.D
Acq On : 15 Jan 2016 12:22
Operator : SJ/UM
Sample : H1100-01 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC982

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

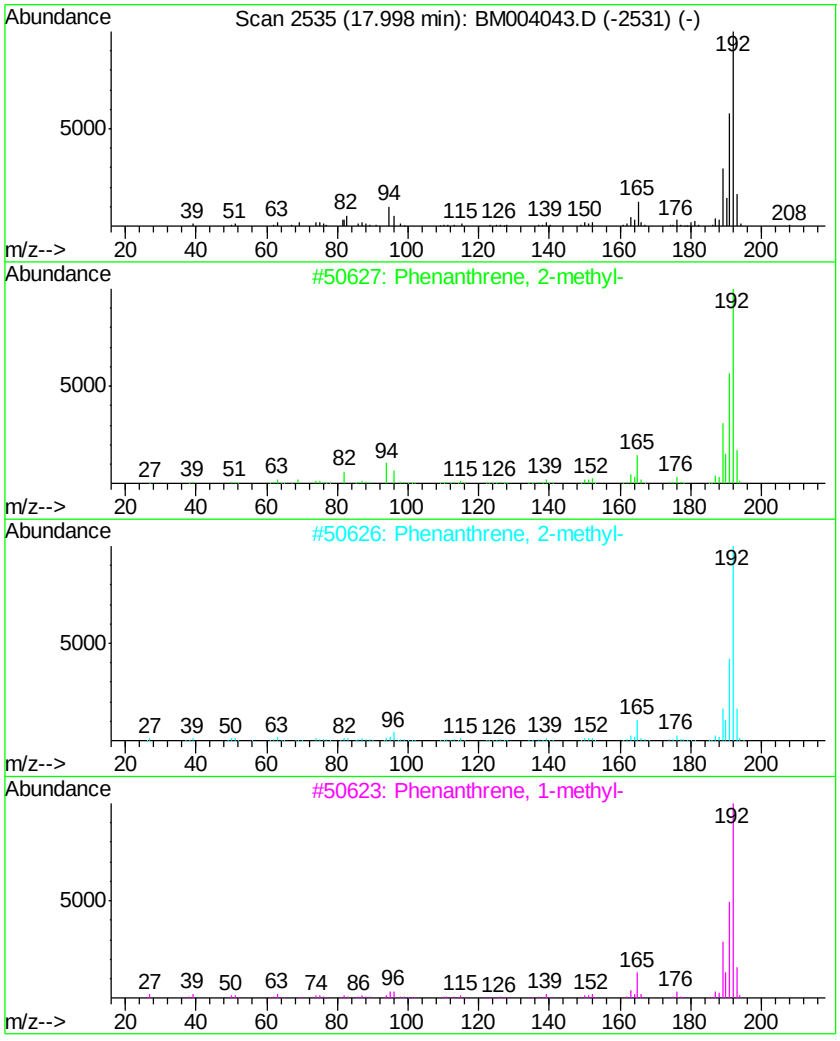
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

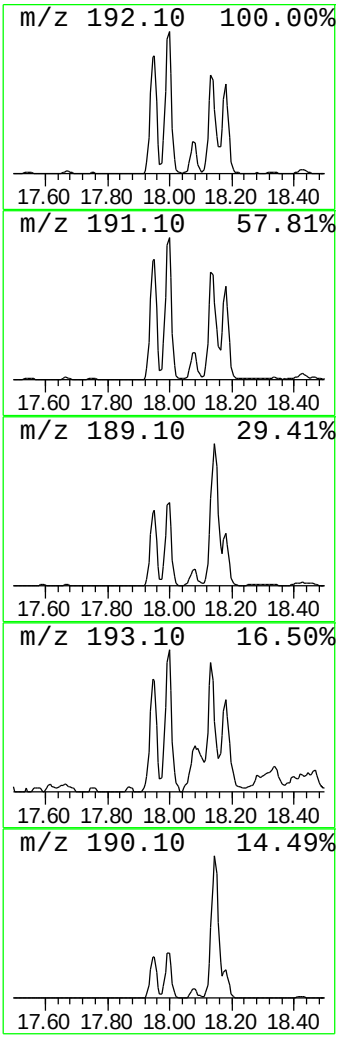
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	12.07 ng/ul	346376	Phenanthrene-d10	17.07

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	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Library Search Compound Report

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Operator : SJ/UM
Sample : H1100-01 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC982

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Quant Title : SVOA CALIBRATION

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

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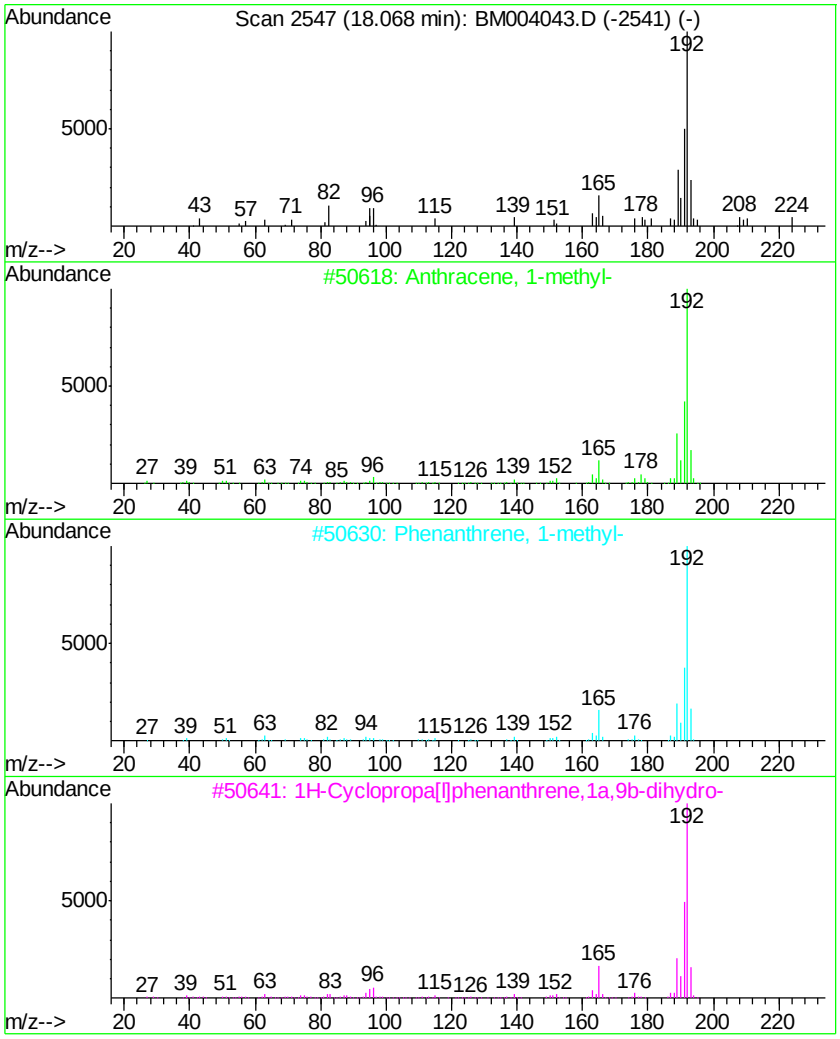
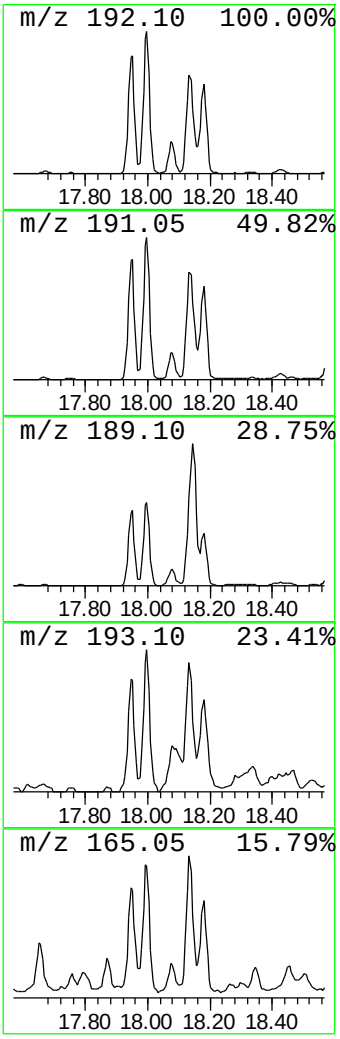
Peak Number 7 Anthracene, 1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	3.20 ng/ul	91822	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Instrument : BNA_M
ClientSampleId : BC982

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Quant Title : SVOA CALIBRATION

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

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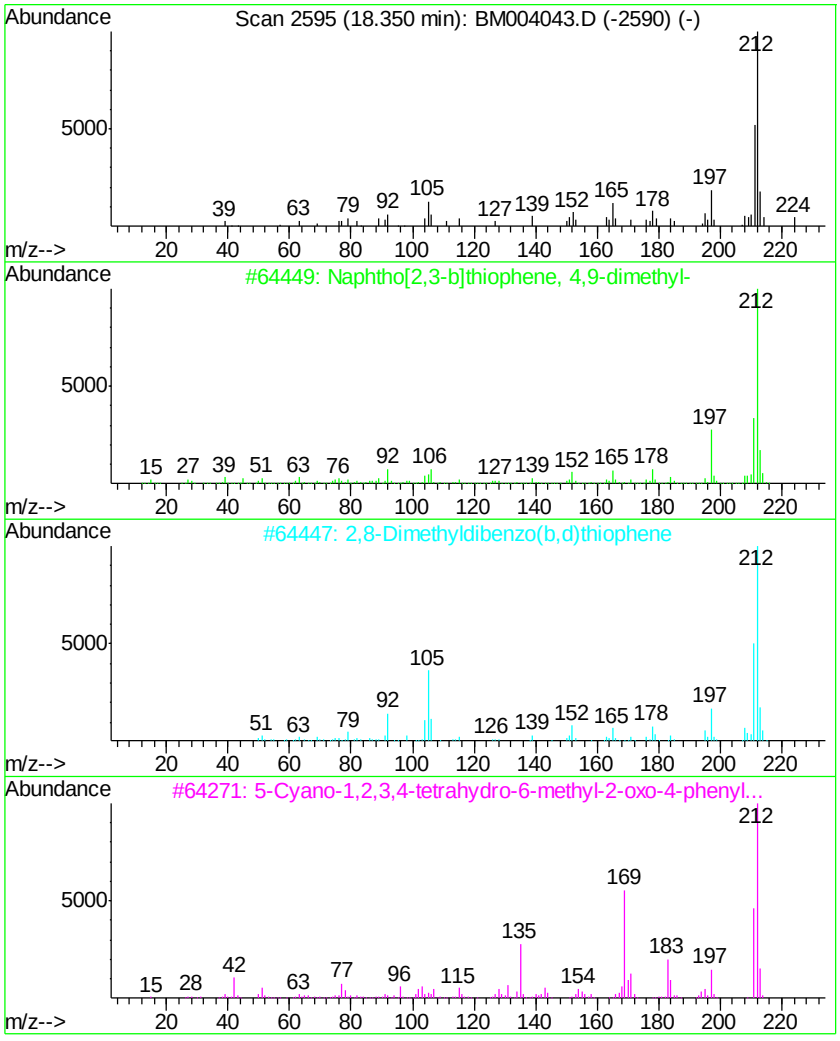
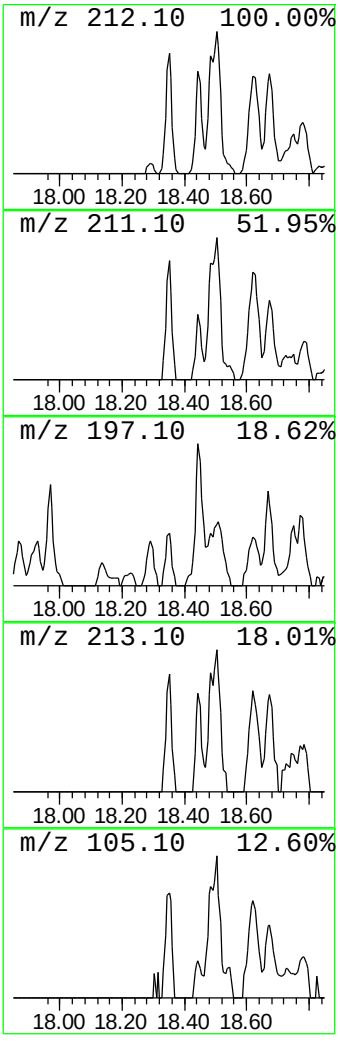
Peak Number 10 Naphtho[2,3-b]thiophene, 4,... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	2.26 ng/ul	64836	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	95
2	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	94
3	5-Cyano-1,2,3,4-tetrahydro-6-met...	212	C13H12N2O	027036-92-6	72
4	SALICYLALDEHYDE PHENYLHYDRAZONE	212	C13H12N2O	1000243-60-1	53
5	Harmine	212	C13H12N2O	000442-51-3	50





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Quant Title : SVOA CALIBRATION

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

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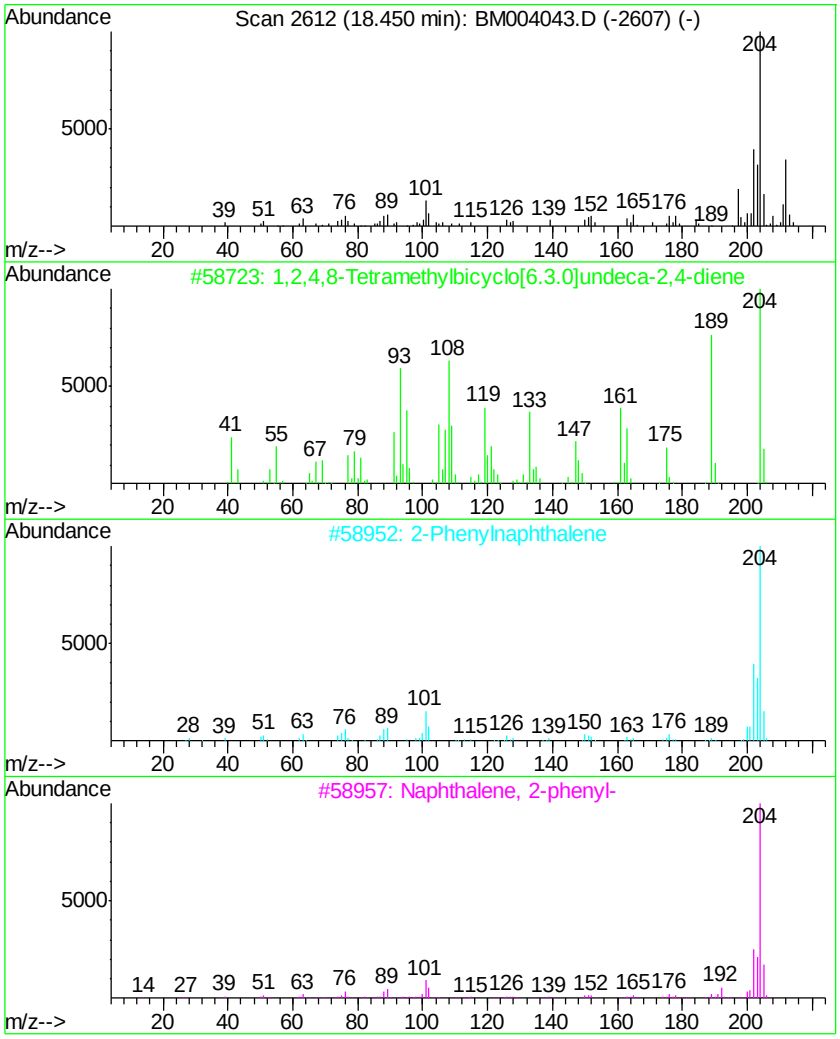
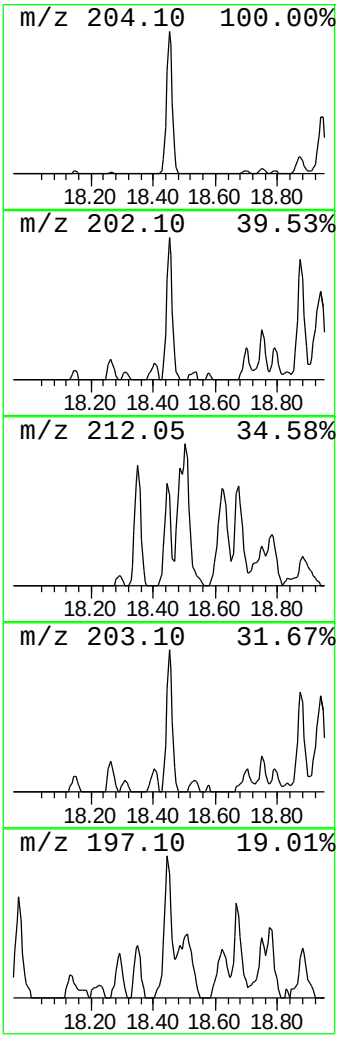
Peak Number 11 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	5.54 ng/ul	158967	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	70
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55





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Quant Title : SVOA CALIBRATION

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

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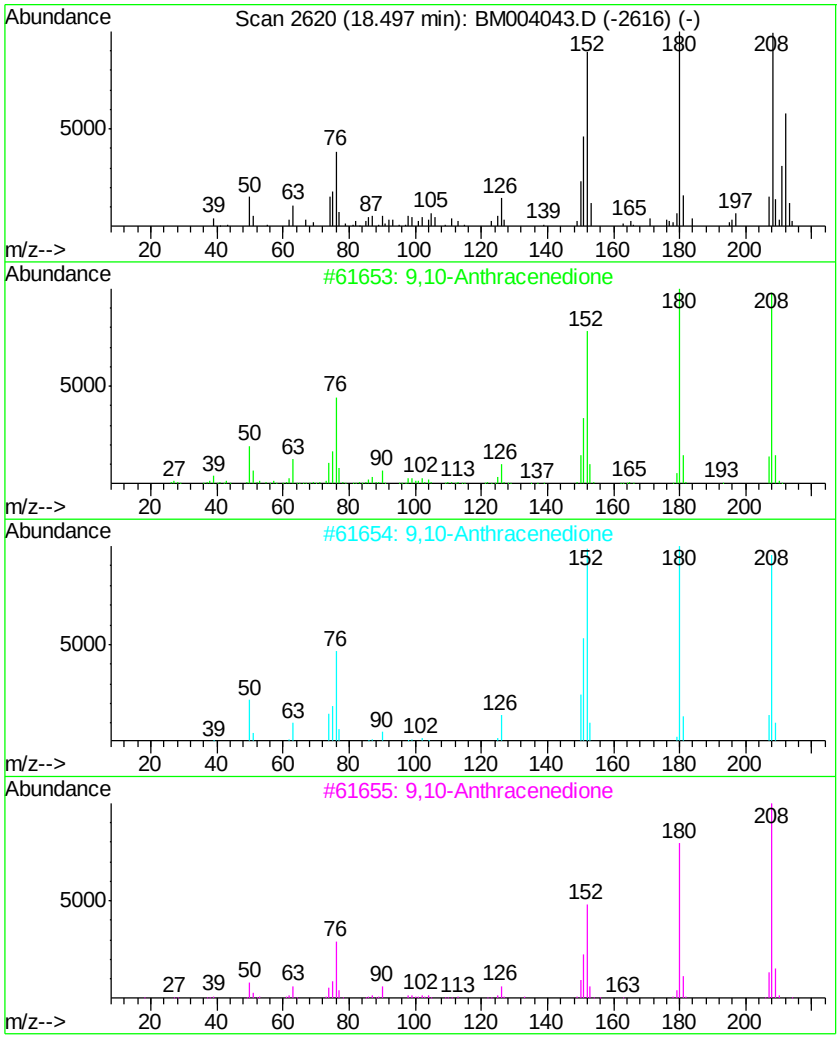
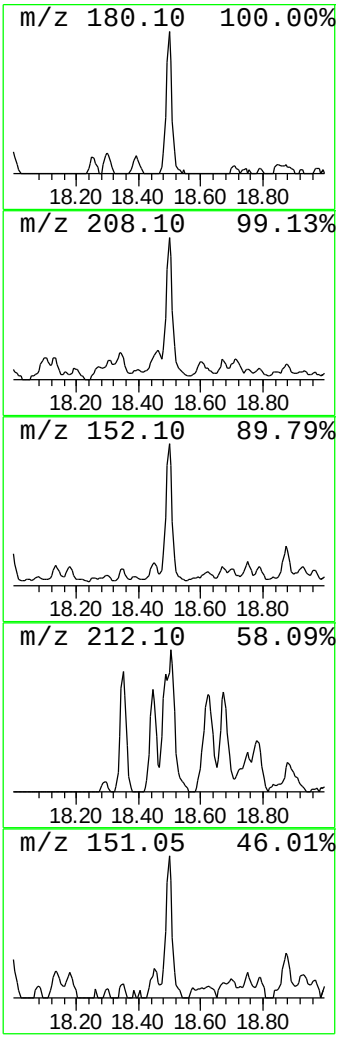
Peak Number 12 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	6.90 ng/ul	197970	Phenanthrene-d10	17.07

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	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90





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Sample : H1100-01 10X
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ALS Vial : 4 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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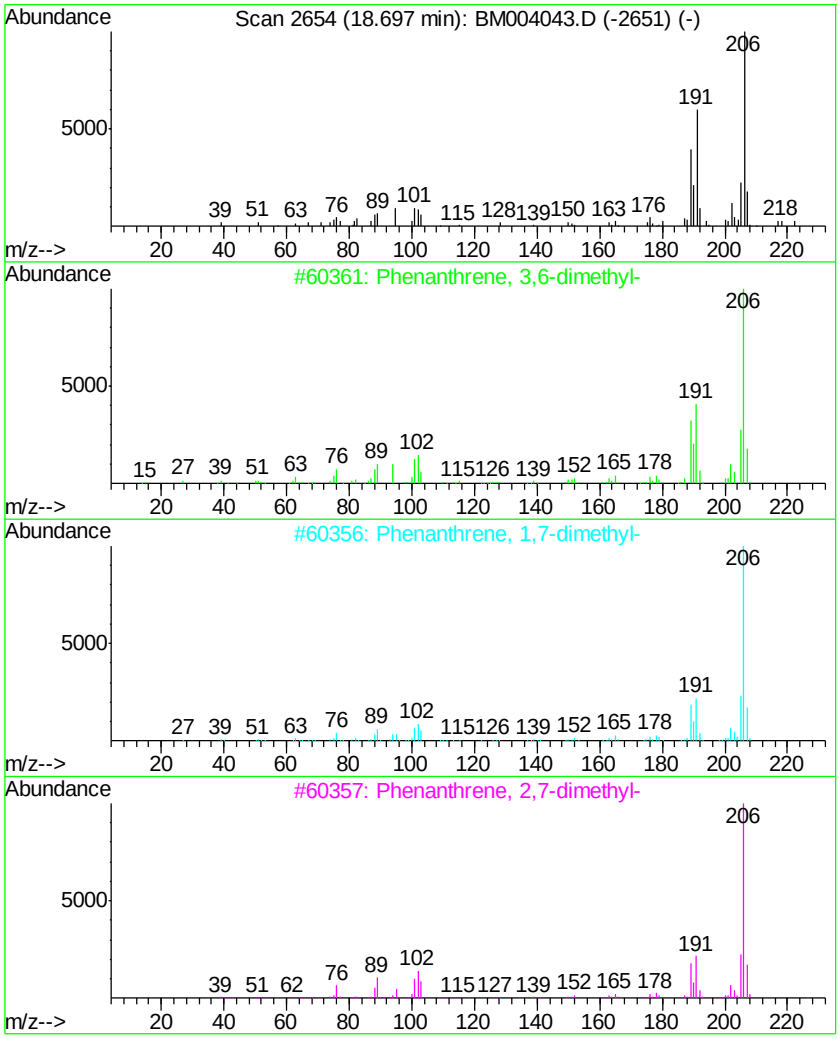
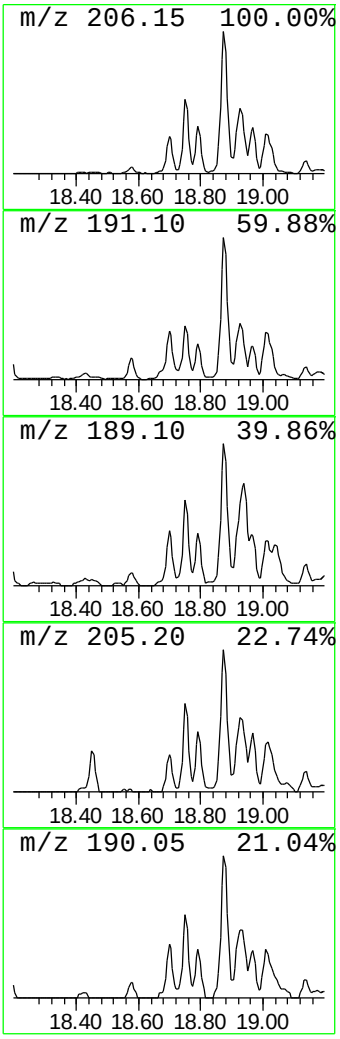
Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	2.81 ng/ul	80565	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87





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Sample : H1100-01 10X
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Instrument : BNA_M
ClientSampleId : BC982

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Quant Title : SVOA CALIBRATION

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

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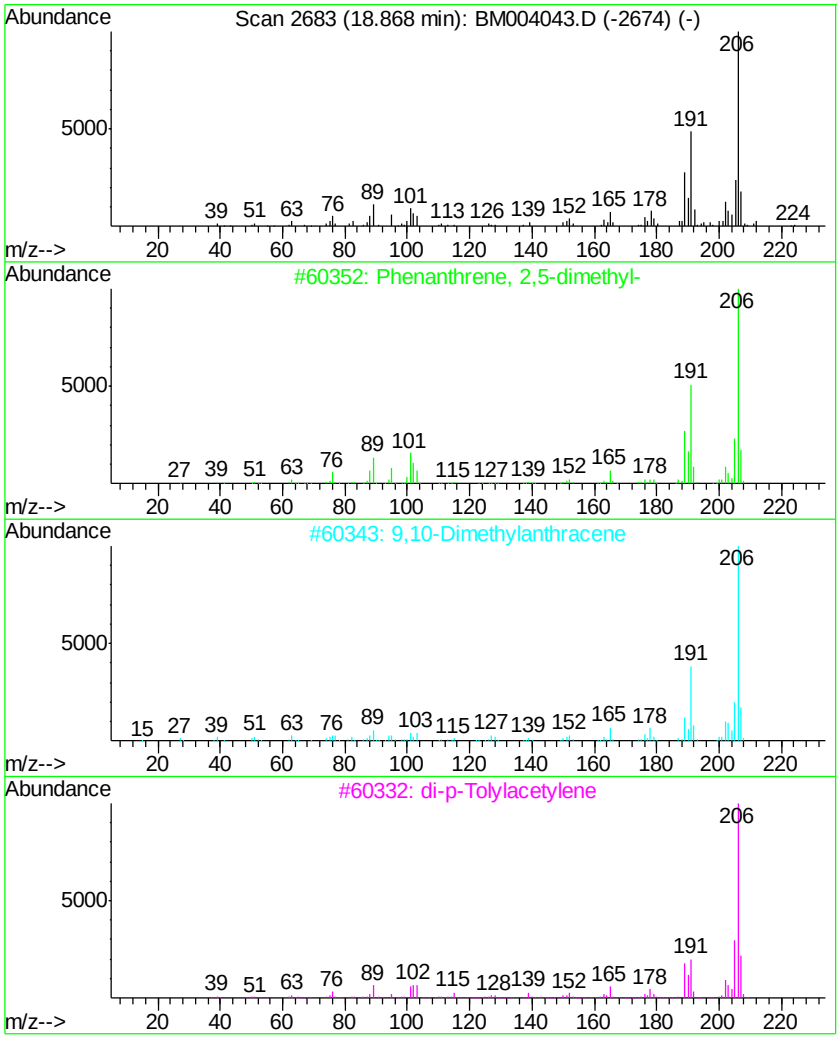
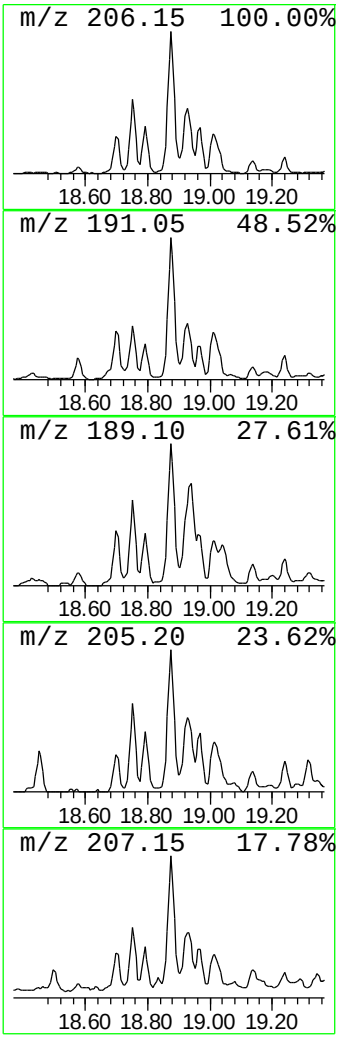
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	16.96 ng/ul	486828	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Sample : H1100-01 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC982

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Quant Title : SVOA CALIBRATION

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

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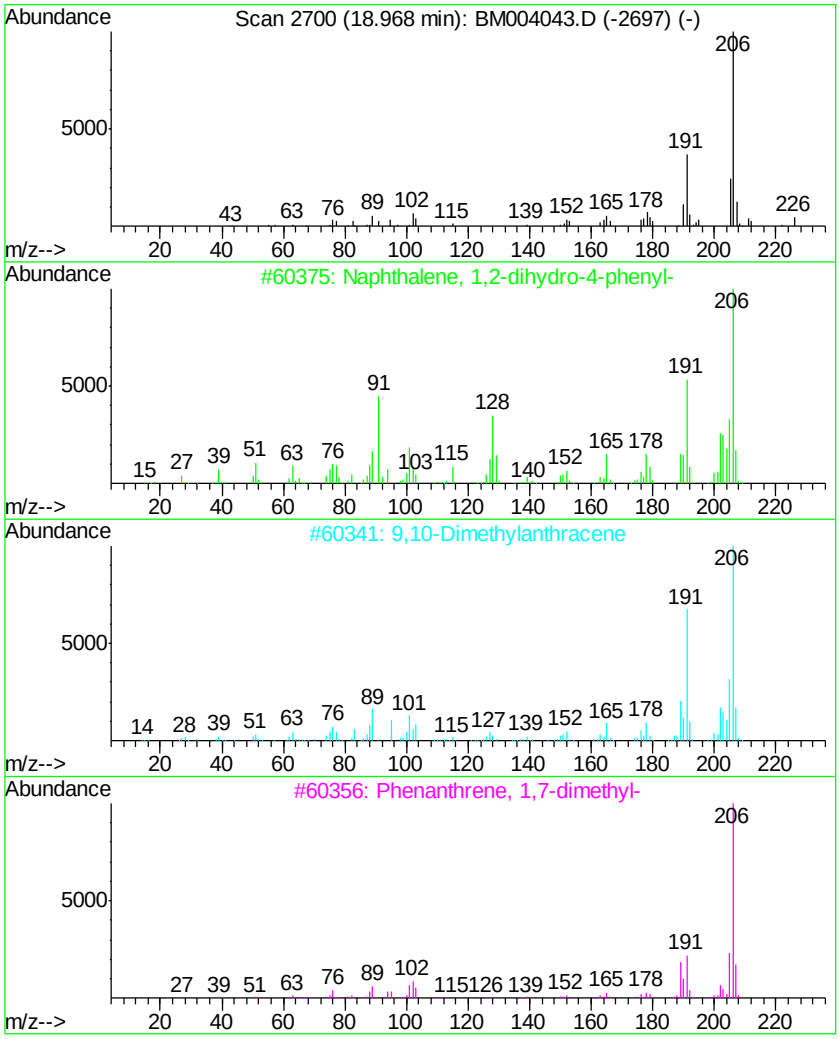
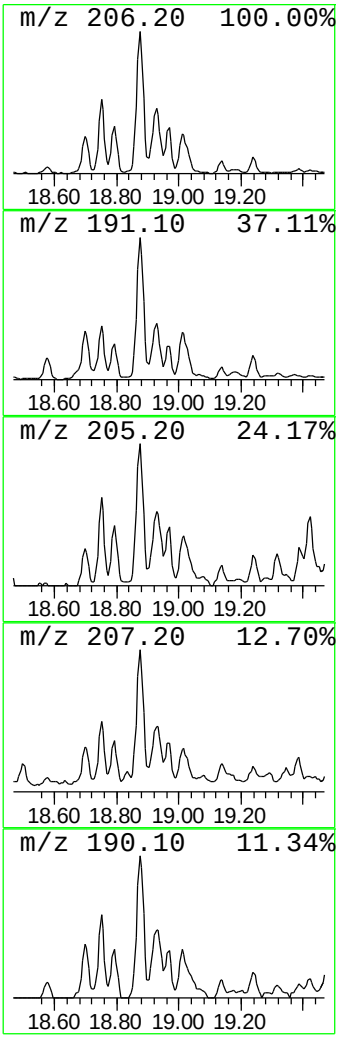
Peak Number 18 Naphthalene, 1,2-dihydro-4-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	3.08 ng/ul	88487	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	83
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81





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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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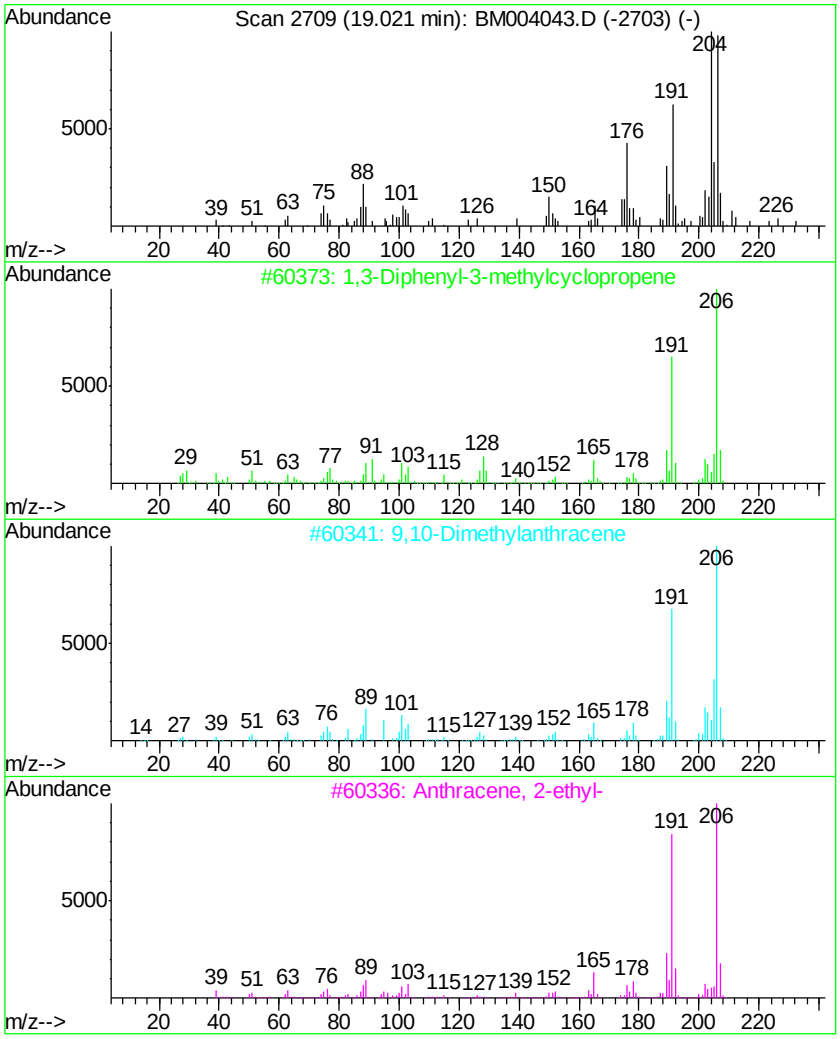
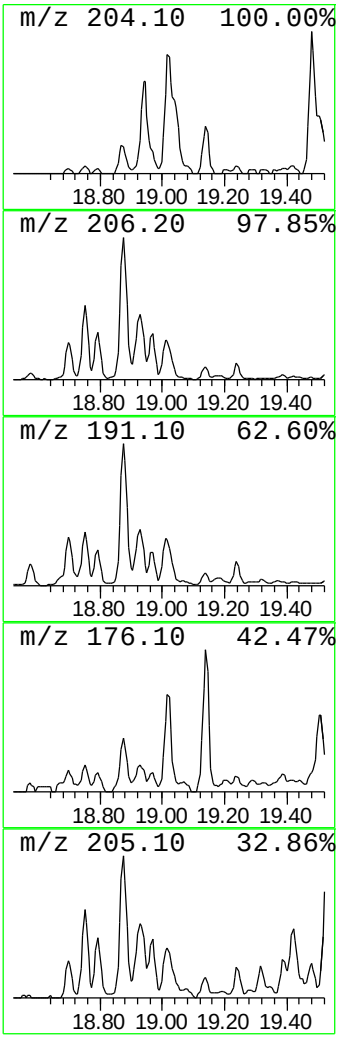
Peak Number 19 1,3-Diphenyl-3-methylcyclop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	7.93 ng/ul	227586	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	92
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	91
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	90





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Quant Title : SVOA CALIBRATION

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

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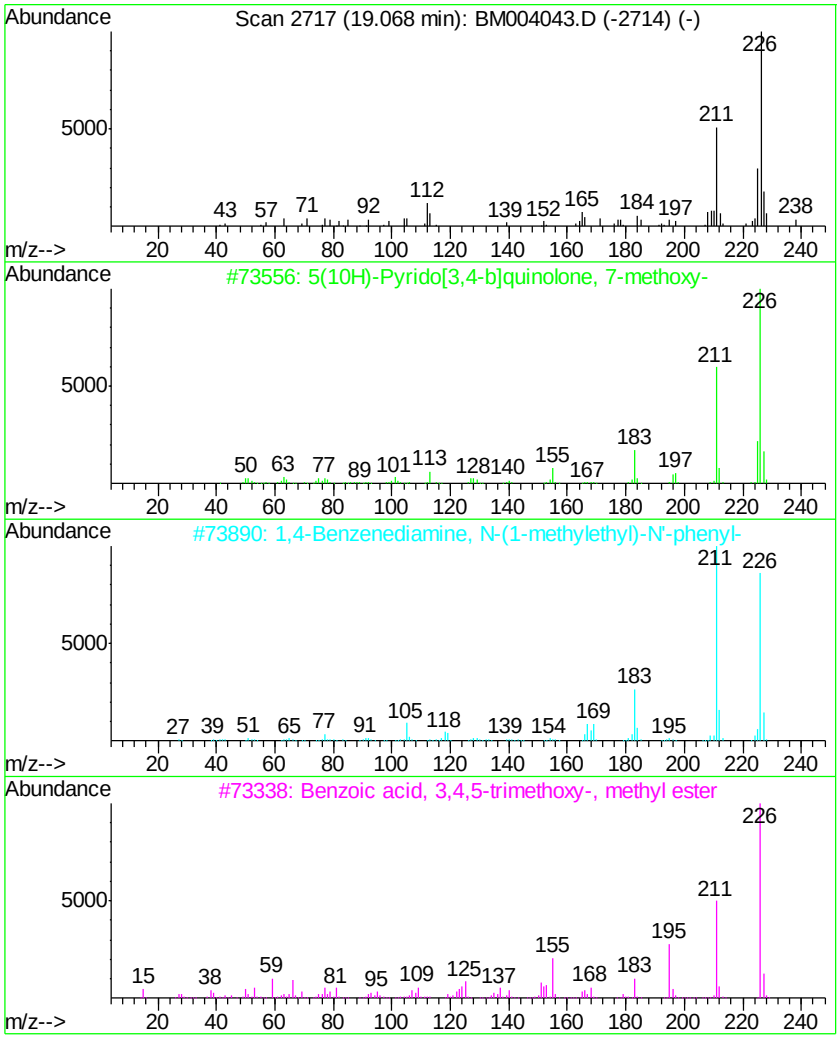
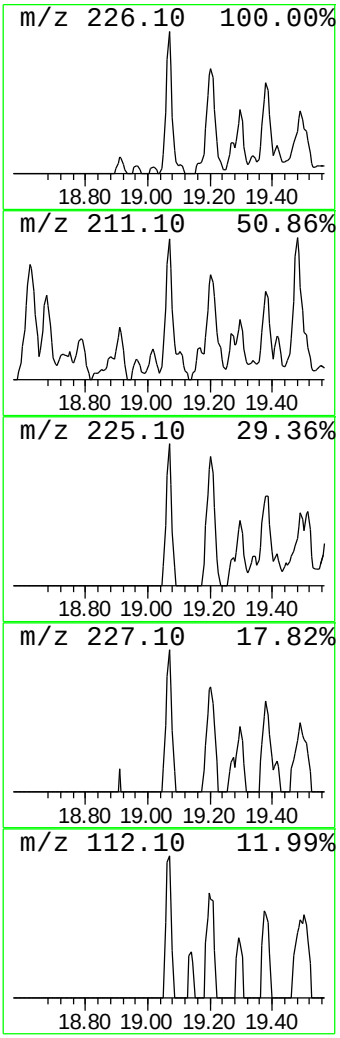
Peak Number 20 5(10H)-Pyrido[3,4-b]quinolo... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	2.26 ng/ul	64930	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	72
2	1,4-Benzenediamine, N-(1-methyle...	226	C15H18N2	000101-72-4	64
3	Benzoic acid, 3,4,5-trimethoxy-,...	226	C11H14O5	001916-07-0	59
4	Benzoic acid, 3,4,5-trimethoxy-,...	226	C11H14O5	001916-07-0	59
5	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	58





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Quant Title : SVOA CALIBRATION

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

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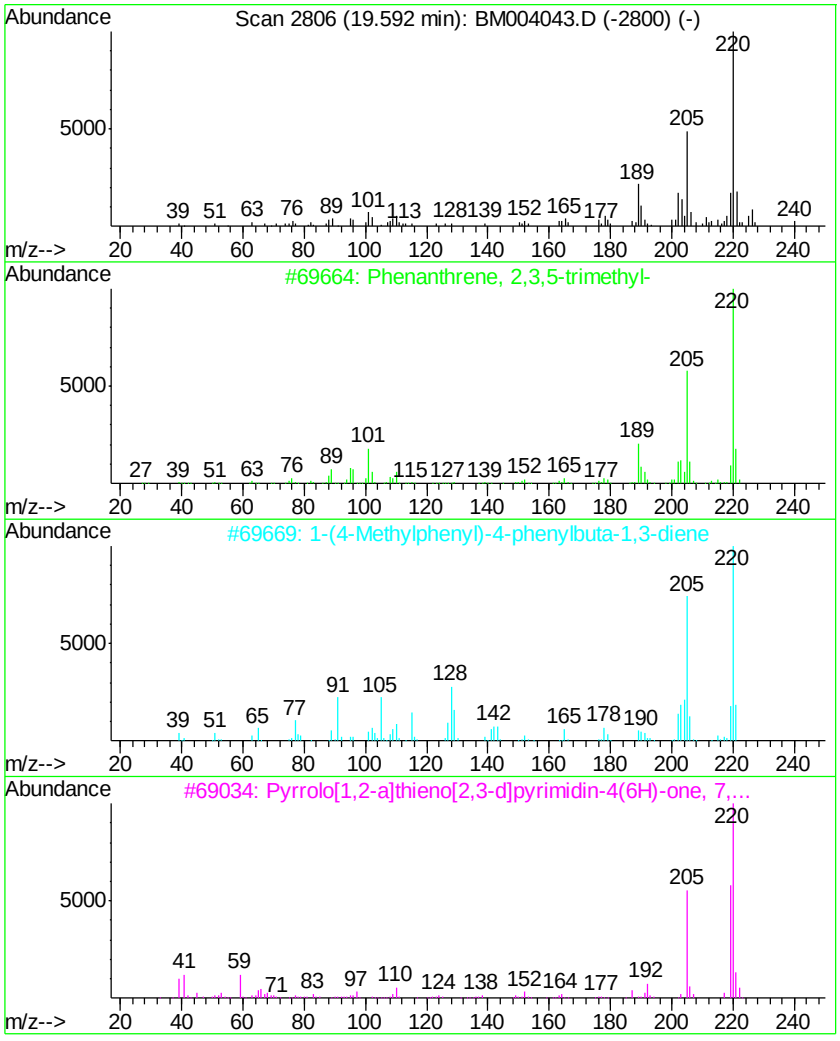
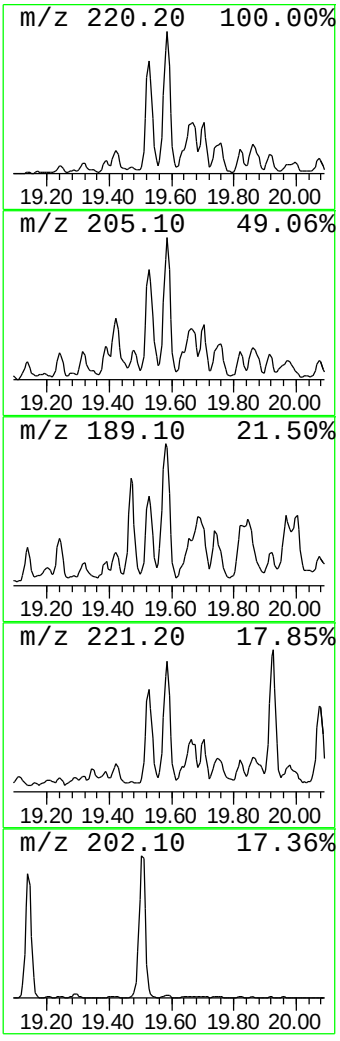
Peak Number 21 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	3.51 ng/ul	226681	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	95
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	74
3	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	64
4	Benzo[b]dihydropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	50
5	Phenmethylcynide, .alpha.,.alpha...	220	C11H12N2O3	1000128-94-6	50





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Quant Title : SVOA CALIBRATION

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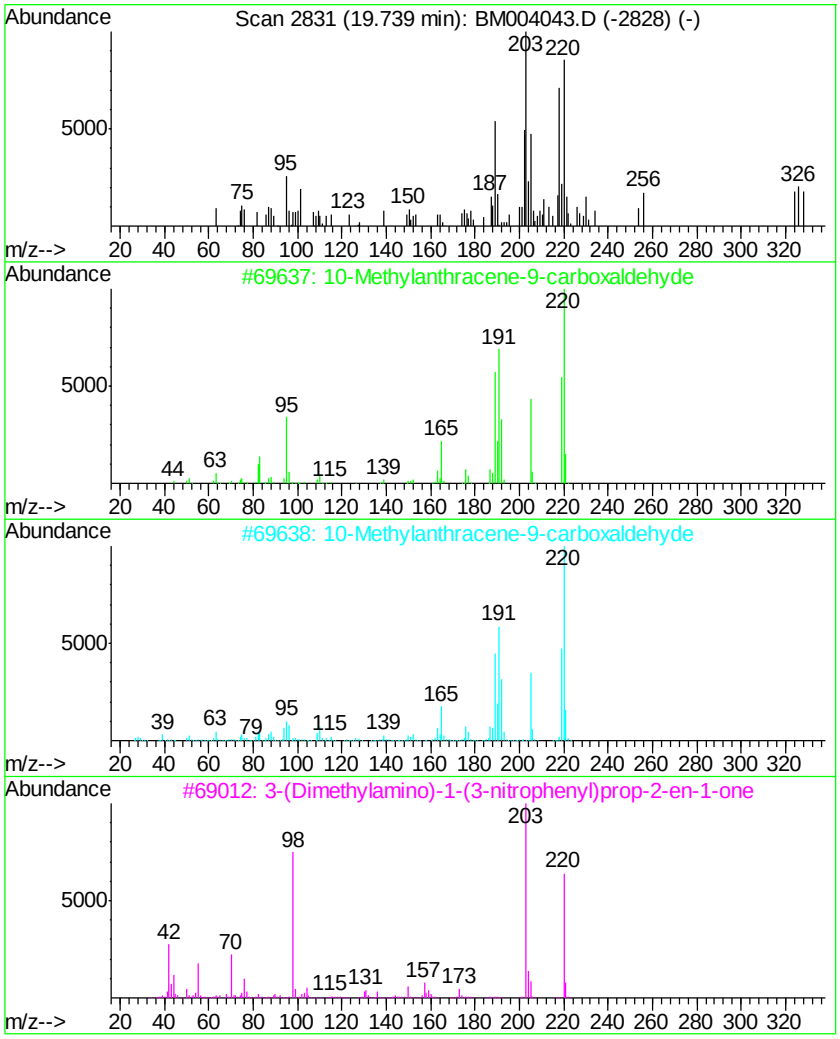
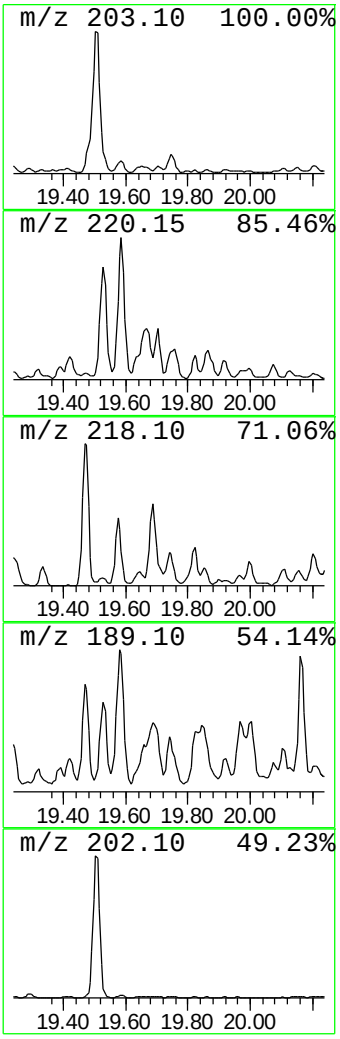
Peak Number 23 unknown-01 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.07 ng/ul	133933	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylanthracene-9-carboxalde...	220	C16H12O	007072-00-6	46
2	10-Methylanthracene-9-carboxalde...	220	C16H12O	007072-00-6	41
3	3-(Dimethylamino)-1-(3-nitrophen...	220	C11H12N2O3	115955-48-1	35
4	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	35
5	5-Acetyl-2-ethylsulfanyl-6-methy...	220	C11H12N2OS	303146-26-1	35





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ClientSampleId : BC982

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

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

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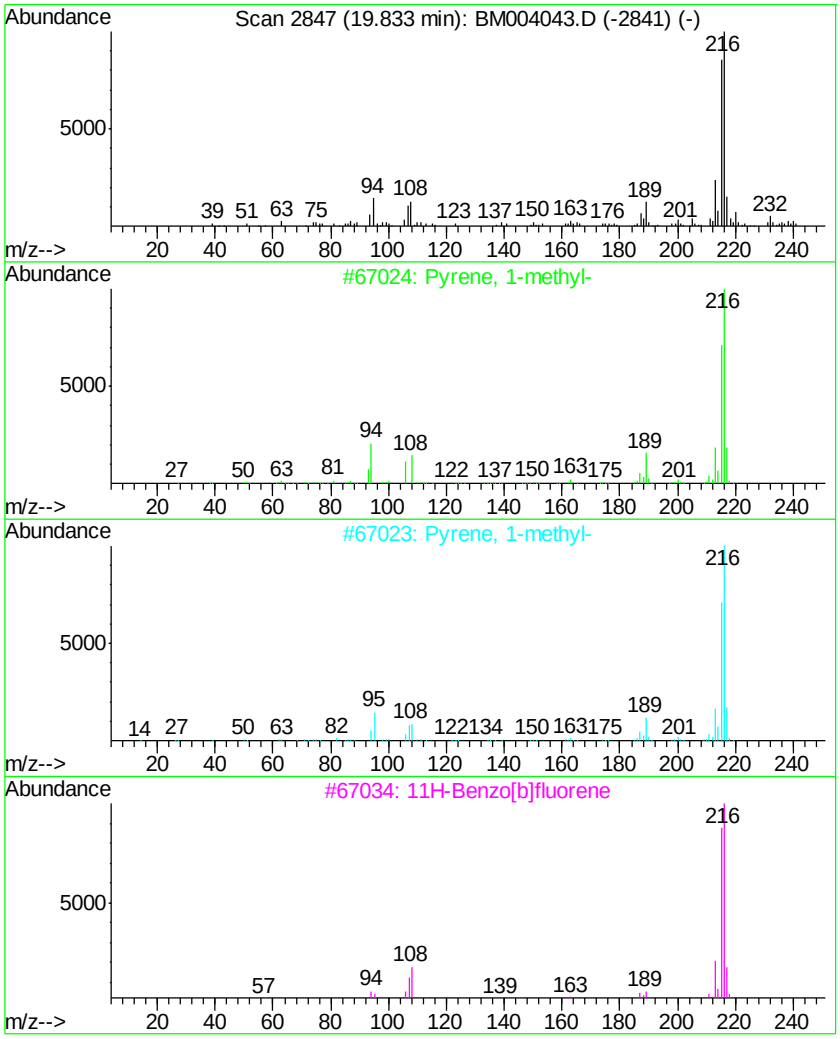
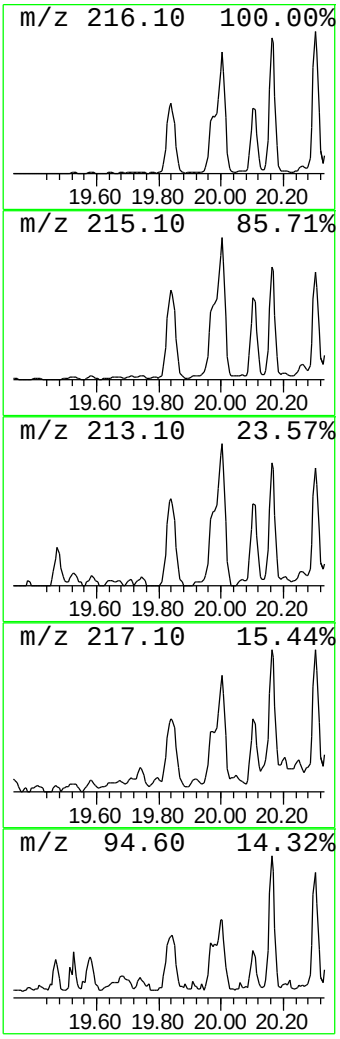
Peak Number 24 Pyrene, 1-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	2.93 ng/ul	189762	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93





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Data File : BM004043.D
Acq On : 15 Jan 2016 12:22
Operator : SJ/UM
Sample : H1100-01 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC982

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

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

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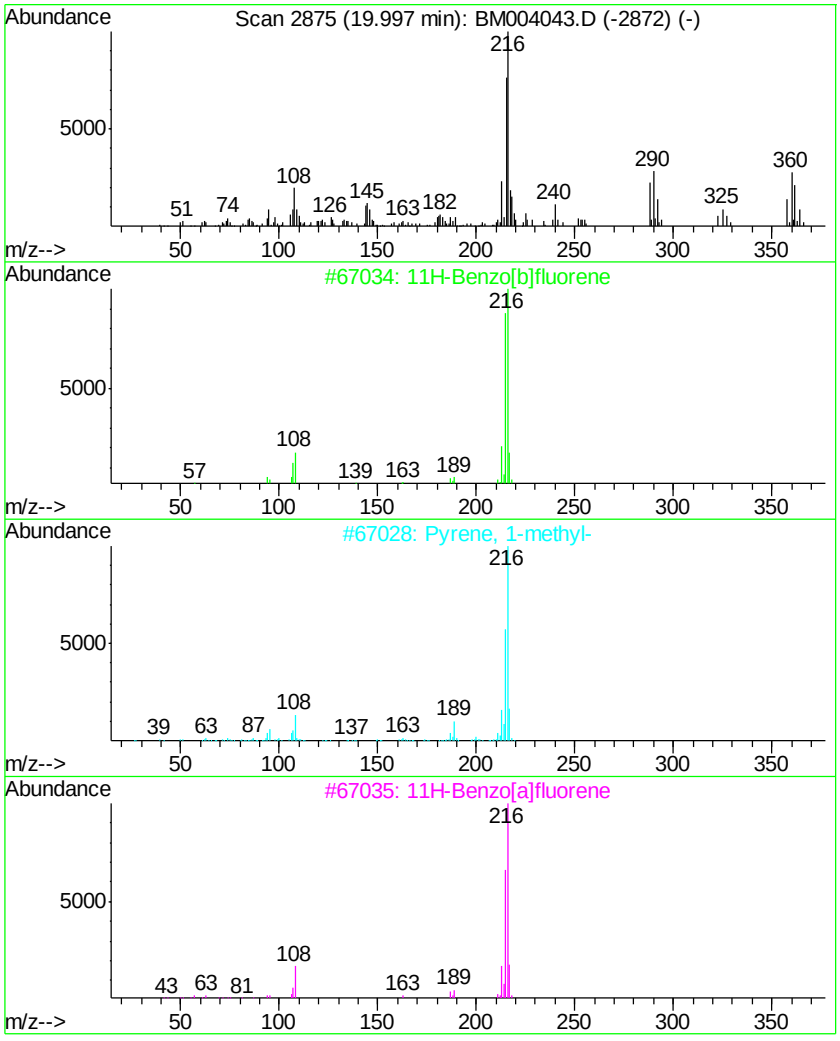
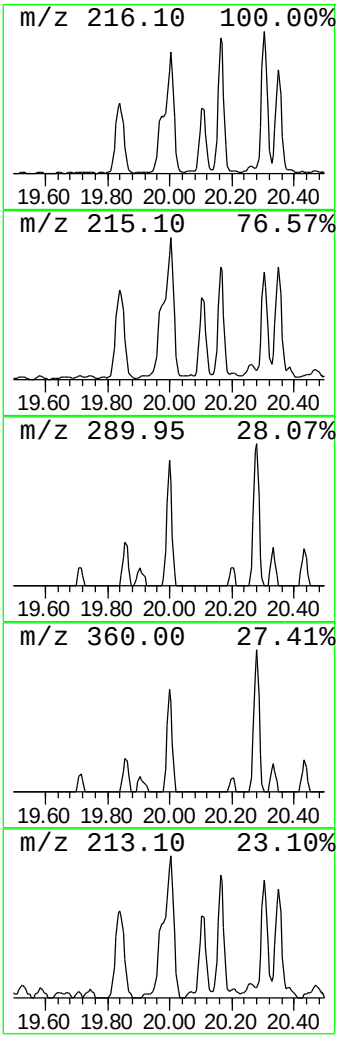
Peak Number 25 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	6.26 ng/ul	404830	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	60
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	55





Library Search Compound Report

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Acq On : 15 Jan 2016 12:22
Operator : SJ/UM
Sample : H1100-01 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC982

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

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

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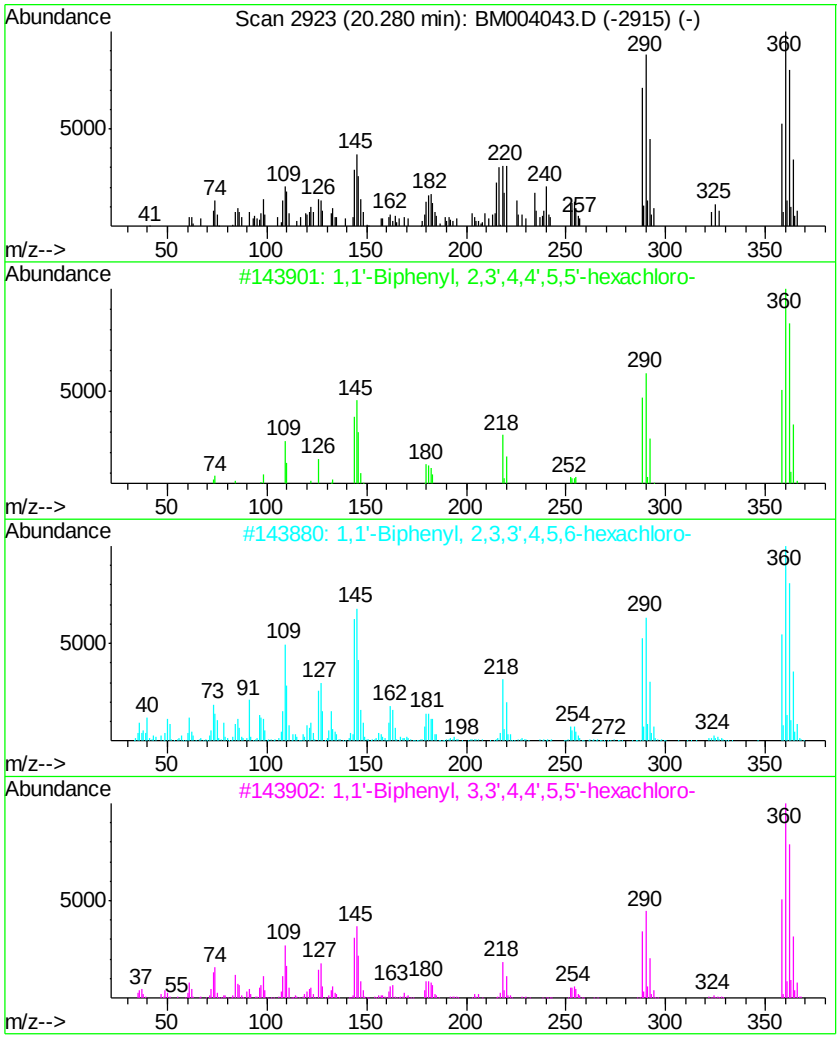
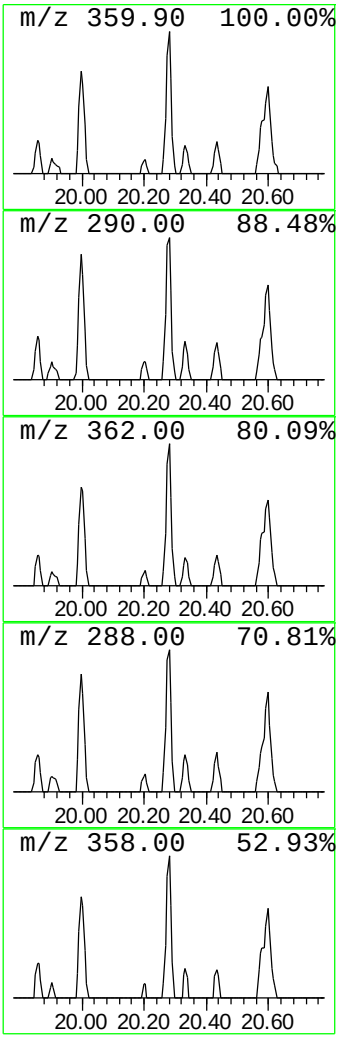
Peak Number 28 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	2.73 ng/ul	176307	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
3	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
4	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
5	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99





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Operator : SJ/UM
Sample : H1100-01 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC982

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

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

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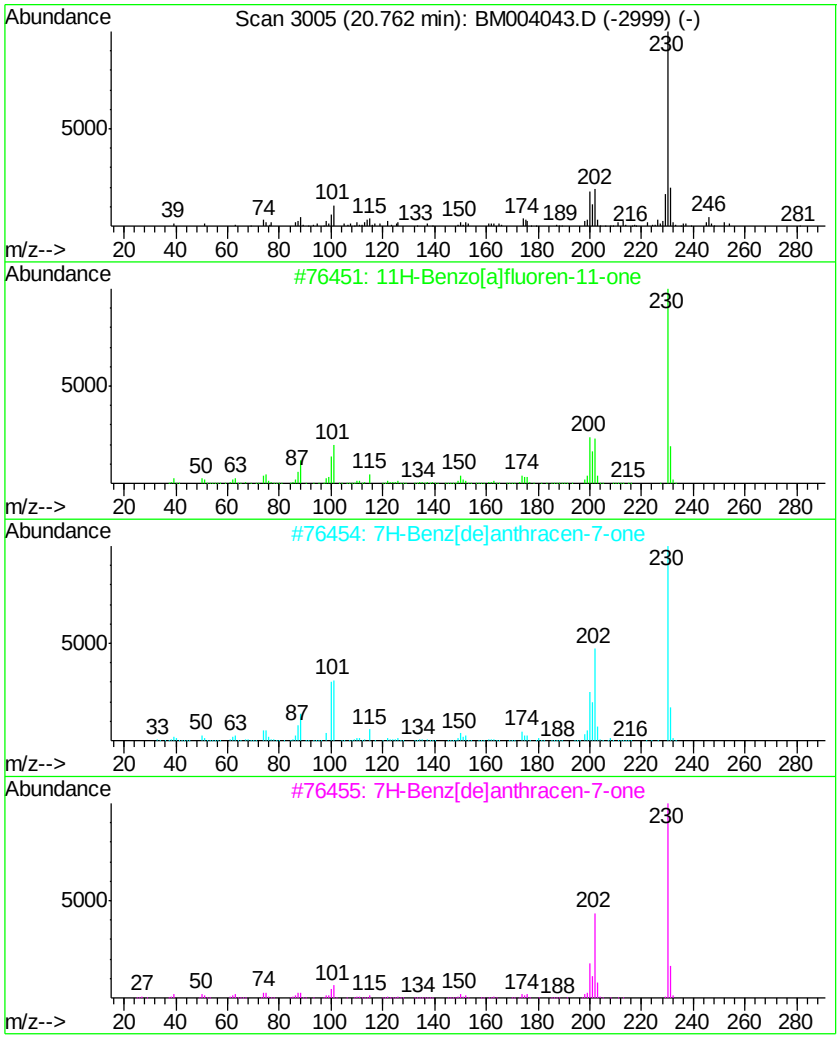
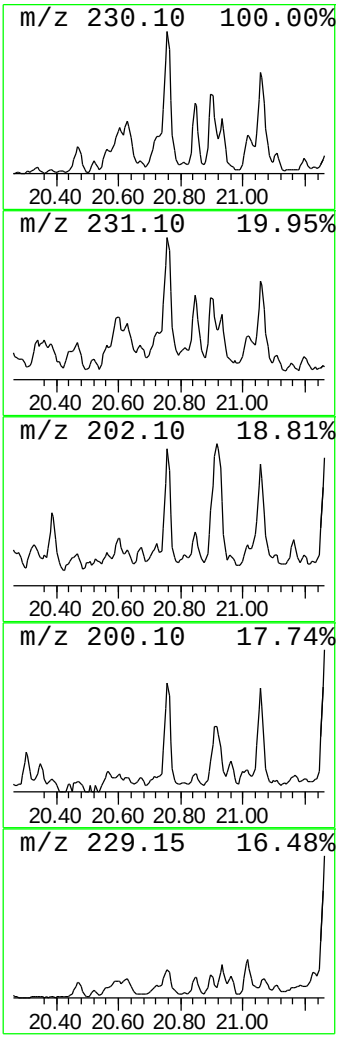
Peak Number 31 11H-Benzo[a]fluoren-11-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	3.83 ng/ul	247552	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	62





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Acq On : 15 Jan 2016 12:22
Operator : SJ/UM
Sample : H1100-01 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC982

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

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

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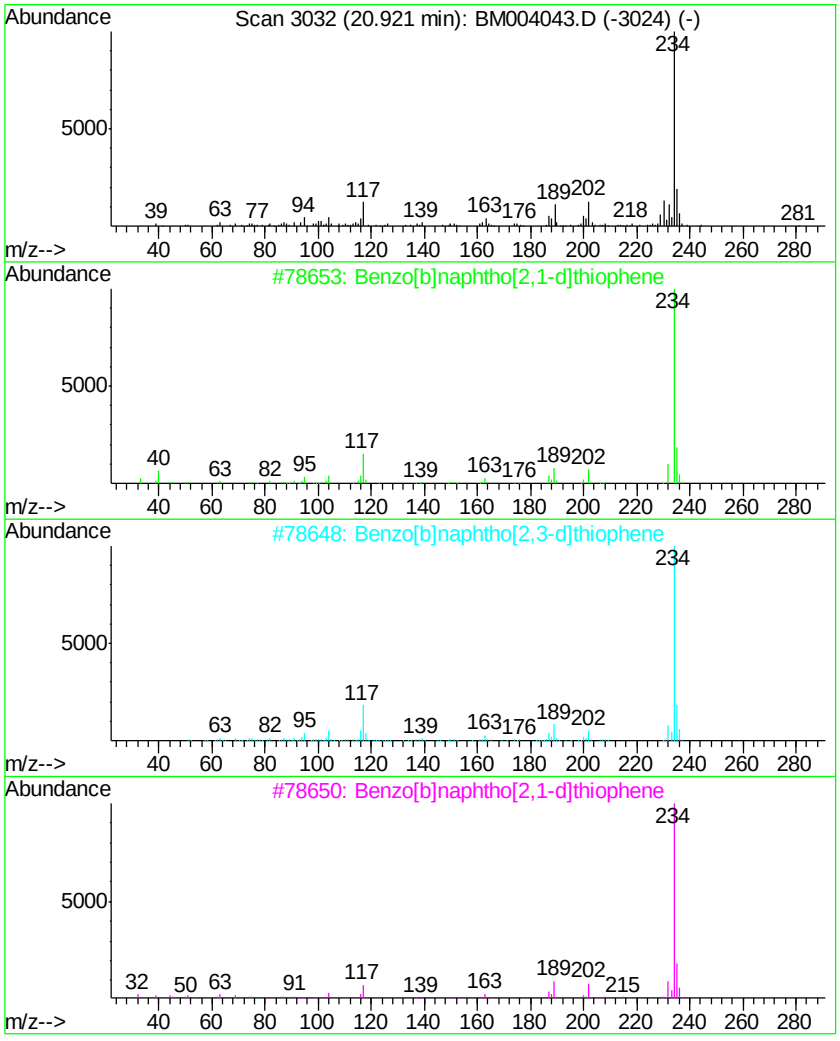
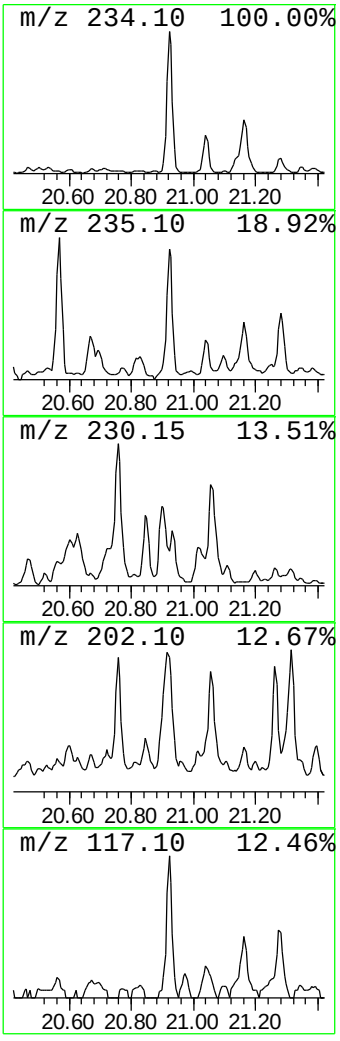
Peak Number 32 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	5.38 ng/ul	348146	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91





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Acq On : 15 Jan 2016 12:22
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Sample : H1100-01 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC982

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

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

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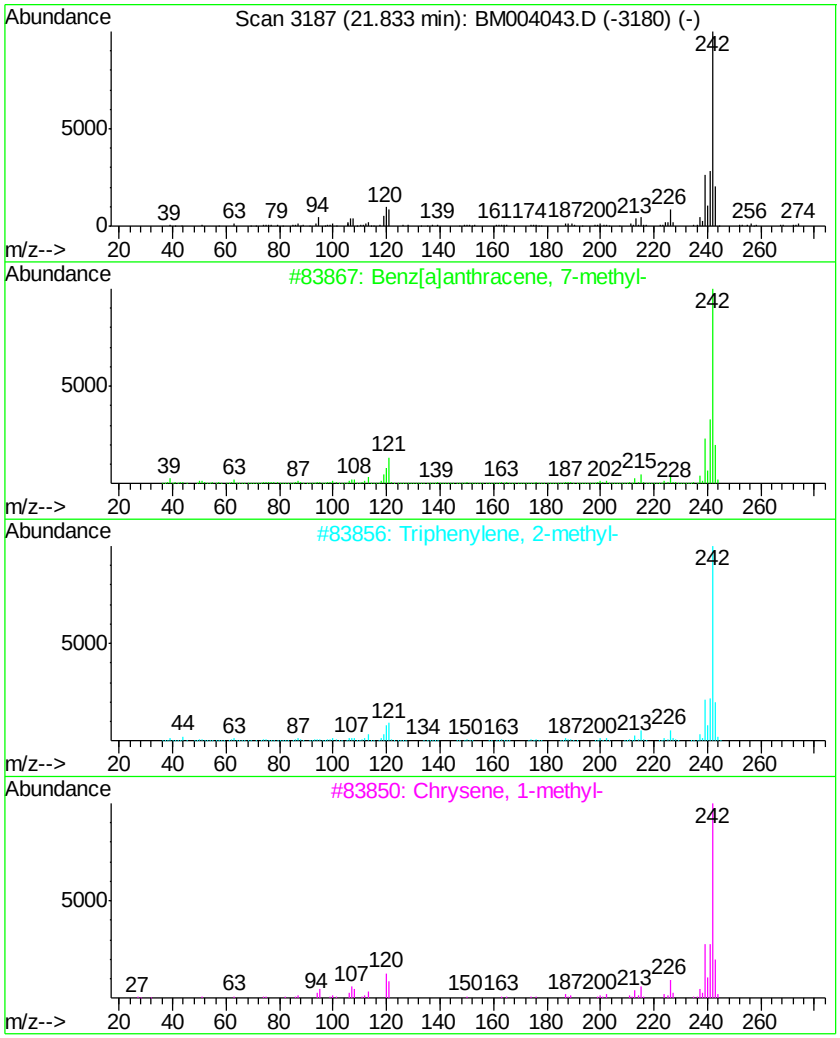
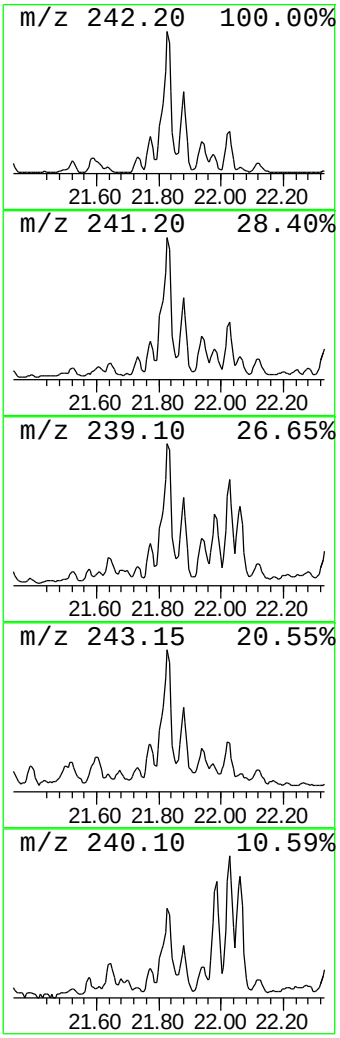
Peak Number 33 Benz[a]anthracene, 7-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	5.42 ng/ul	350469	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	96
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	94
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
4	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	93
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	91





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Acq On : 15 Jan 2016 12:22
Operator : SJ/UM
Sample : H1100-01 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC982

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

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

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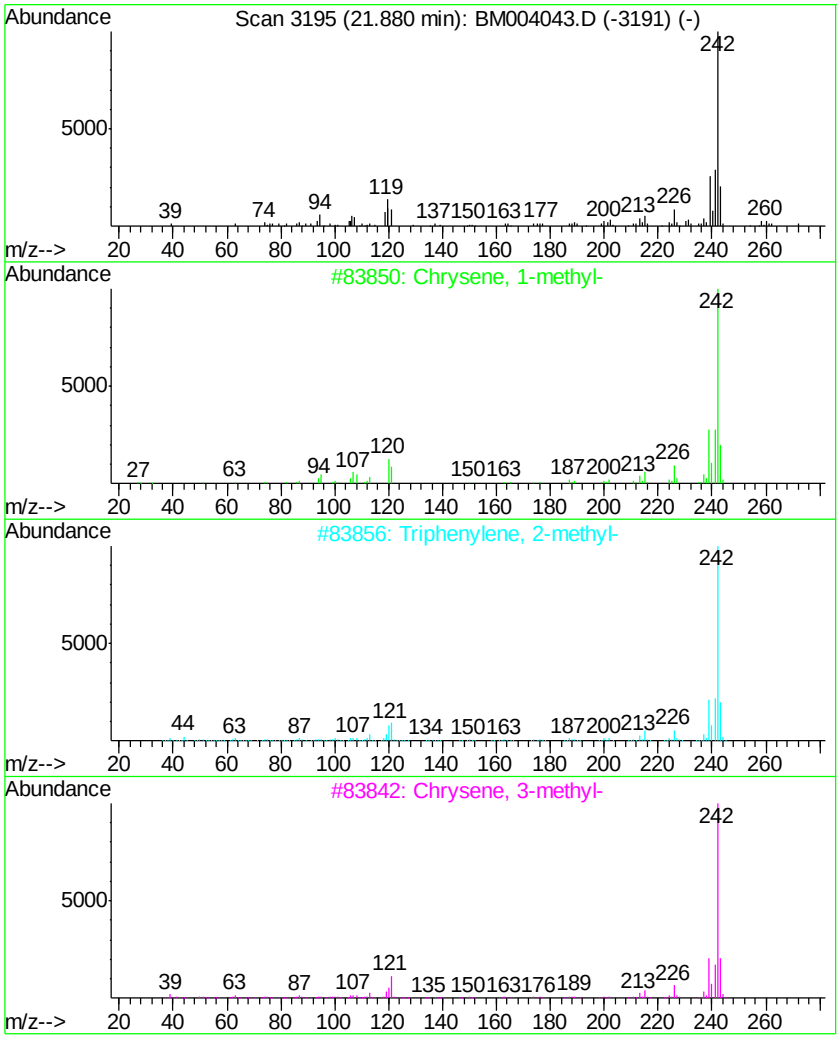
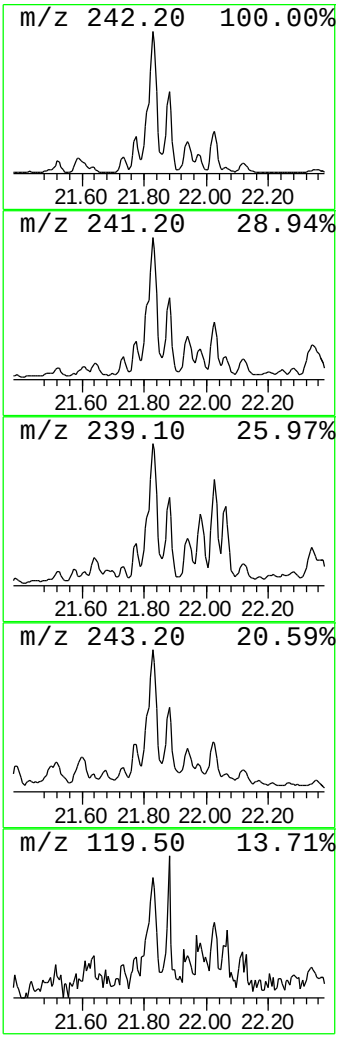
Peak Number 34 Chrysene, 1-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.88	2.98 ng/ul	192456	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
3	Chrysene, 3-methyl-	242	C19H14	003351-31-3	86
4	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	86
5	Chrysene, 6-methyl-	242	C19H14	001705-85-7	83





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Acq On : 15 Jan 2016 12:22
Operator : SJ/UM
Sample : H1100-01 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC982

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

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

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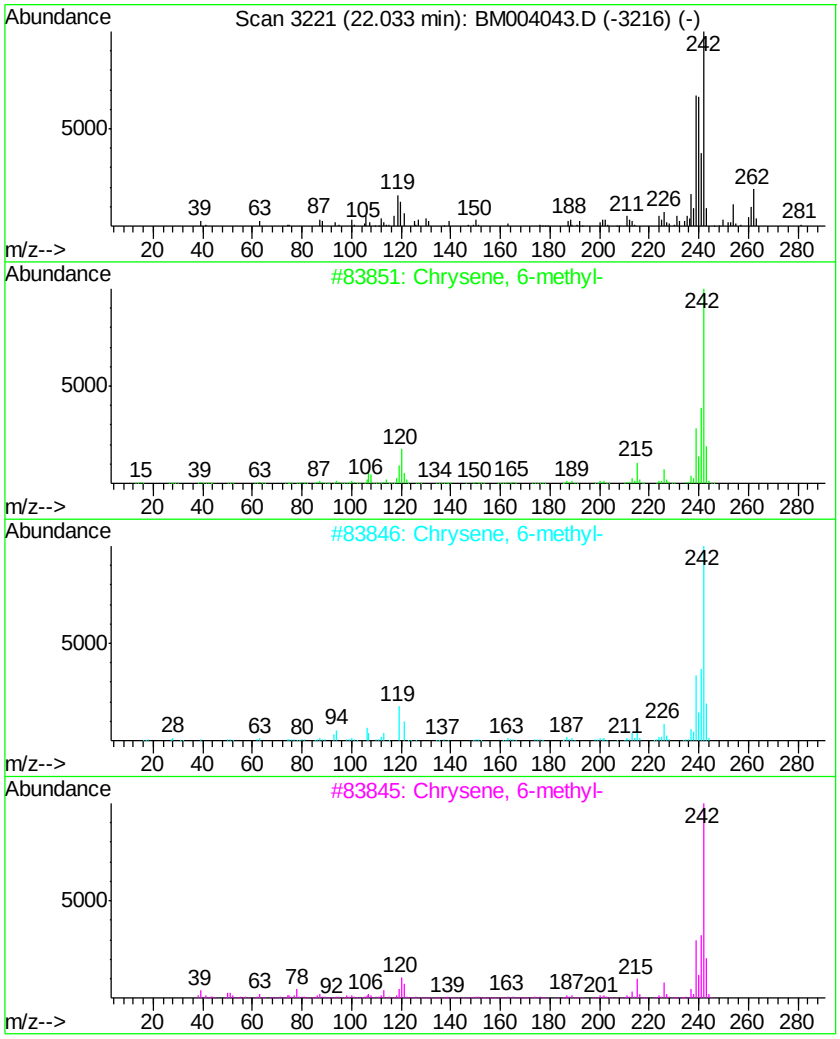
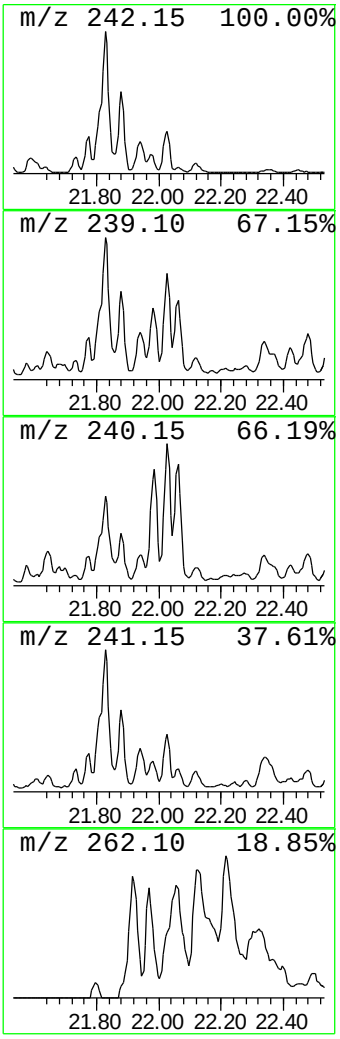
Peak Number 35 unknown-02 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.03	2.29 ng/ul	148234	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 6-methyl-	242	C19H14	003697-24-3	49
2	Chrysene, 6-methyl-	242	C19H14	001705-85-7	46
3	Chrysene, 6-methyl-	242	C19H14	003697-24-3	45
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	43
5	Triphenylene, 1-methyl-	242	C19H14	002871-91-2	43





Library Search Compound Report

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Data File : BM004043.D
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Operator : SJ/UM
Sample : H1100-01 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC982

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

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

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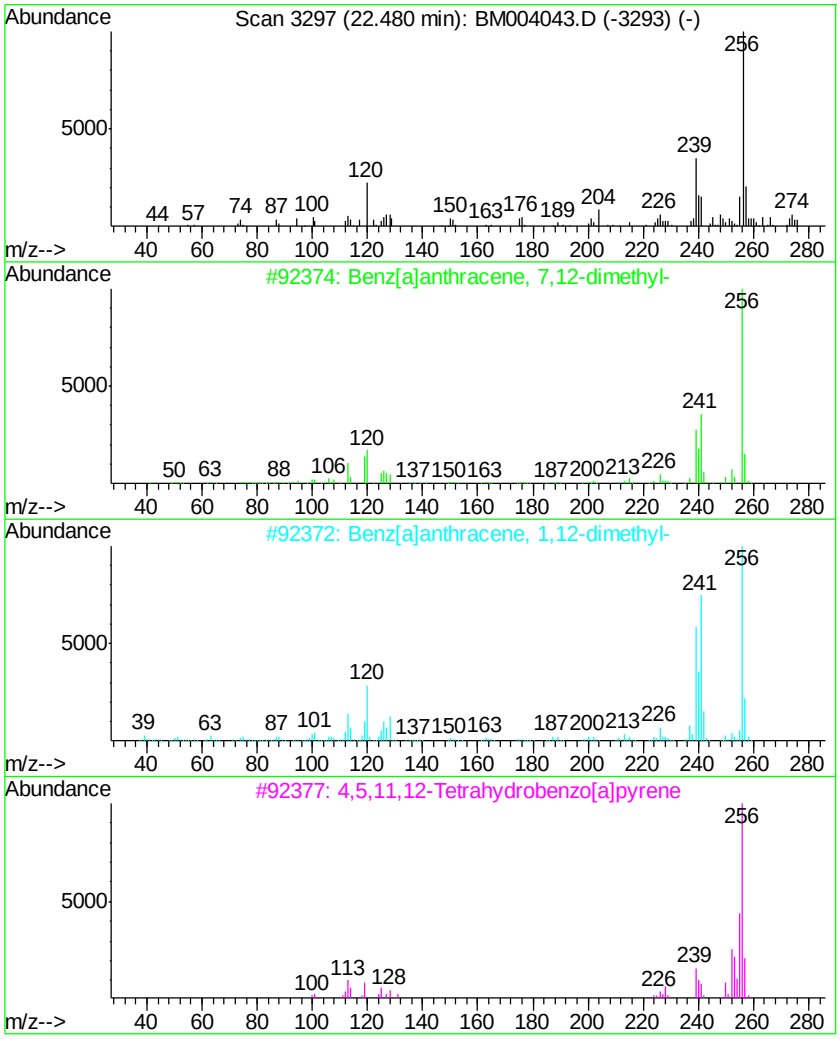
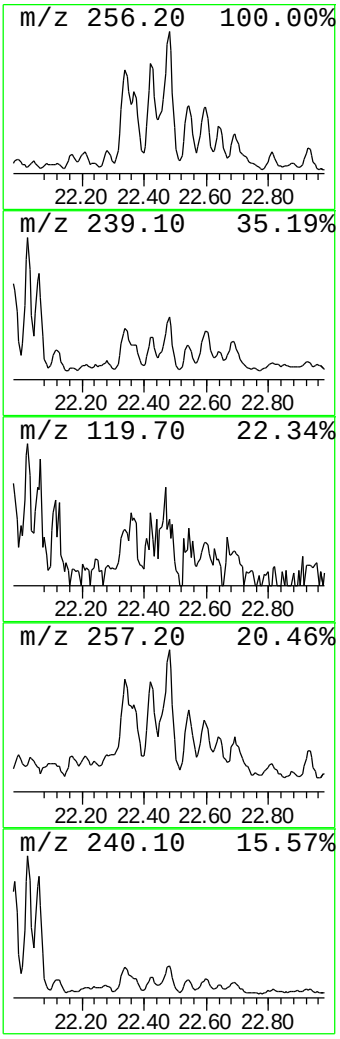
Peak Number 36 Benz[a]anthracene, 7,12-dim... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	4.58 ng/ul	110986	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	76
2	Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	72
3	4,5,11,12-Tetrahydrobenzo[a]pyrene	256	C20H16	109292-58-2	68
4	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	68
5	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	64





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Sample : H1100-01 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC982

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

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

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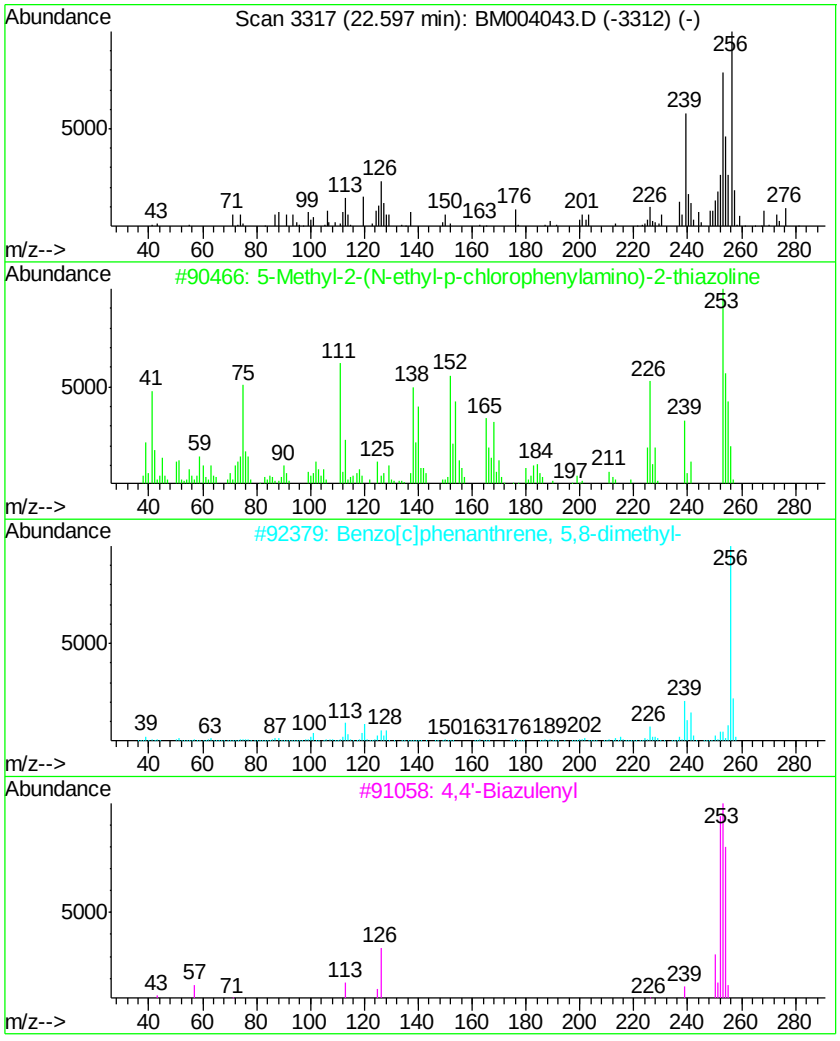
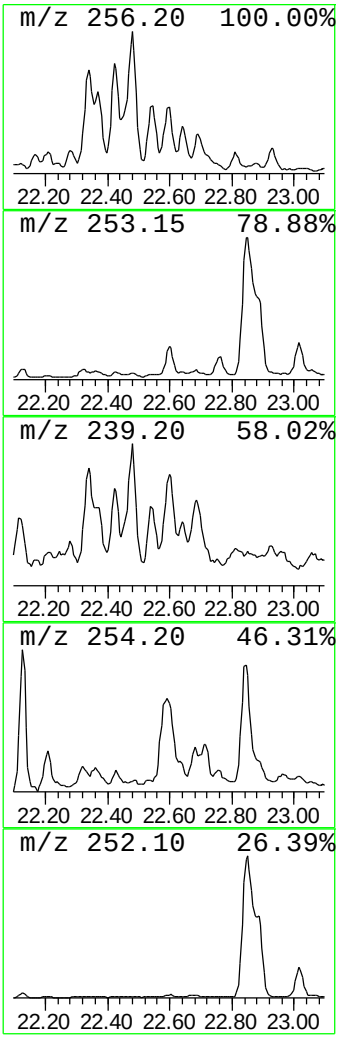
Peak Number 37 unknown-03 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.60	2.81 ng/ul	68090	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methyl-2-(N-ethyl-p-chlorophen...	254	C12H15ClN2S	075220-53-0	43
2	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	38
3	4,4'-Biazulenyl	254	C20H14	094053-54-0	38
4	4,5,6,7-Tetrafluorobenzo-2,1,3-s...	256	C6F4N2Se	019227-22-6	35
5	4,5,11,12-Tetrahydrobenzo[a]pyrene	256	C20H16	109292-58-2	30





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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC982

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Quant Title : SVOA CALIBRATION

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

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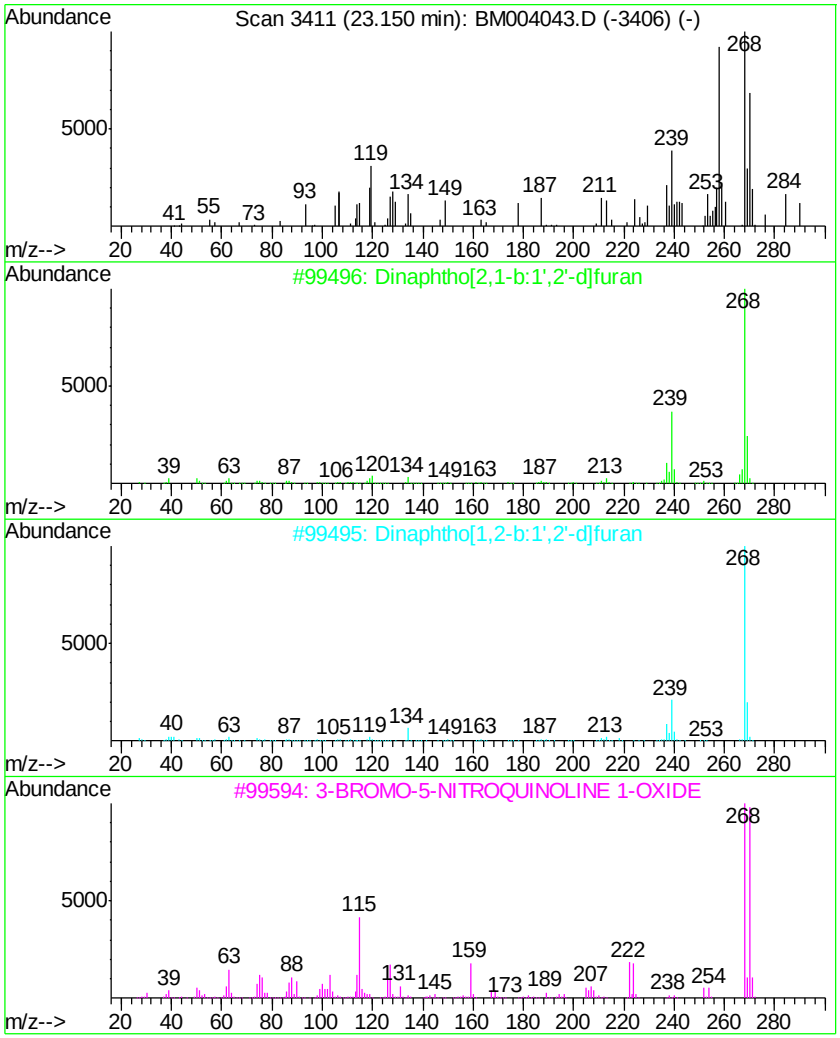
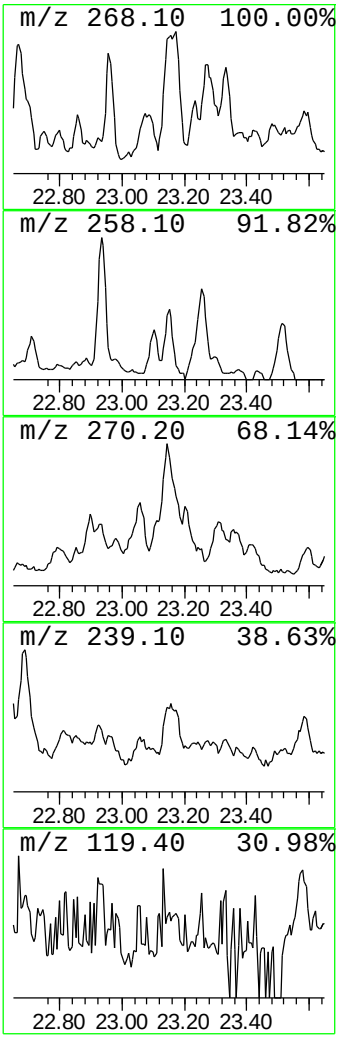
Peak Number 39 unknown-04 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.15	2.33 ng/ul	56433	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	35
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	27
3	3-BROMO-5-NITROQUINOLINE 1-OXIDE	268	C9H5BrN2O3	1000240-72-6	25
4	Diethylstilbestrol	268	C18H20O2	000056-53-1	22
5	trans-4'-Methyl-4-(methylthio)ch...	268	C17H16OS	126443-27-4	22





Library Search Compound Report

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Data File : BM004043.D
Acq On : 15 Jan 2016 12:22
Operator : SJ/UM
Sample : H1100-01 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC982

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

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

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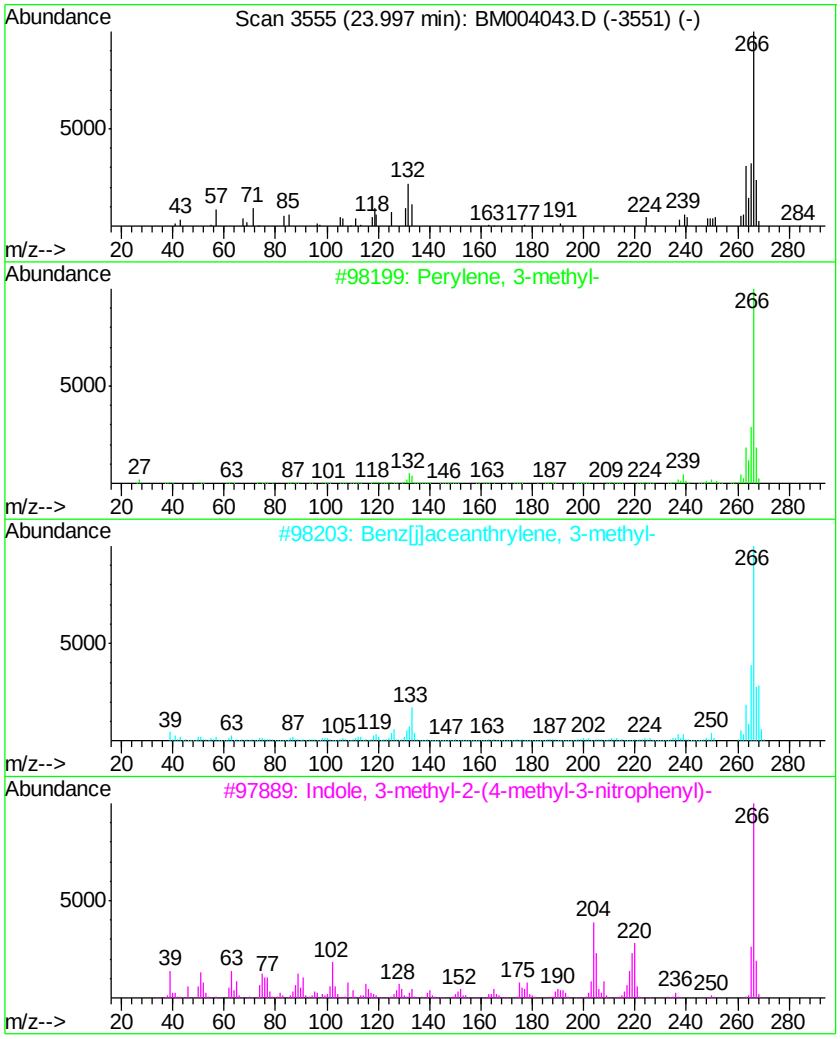
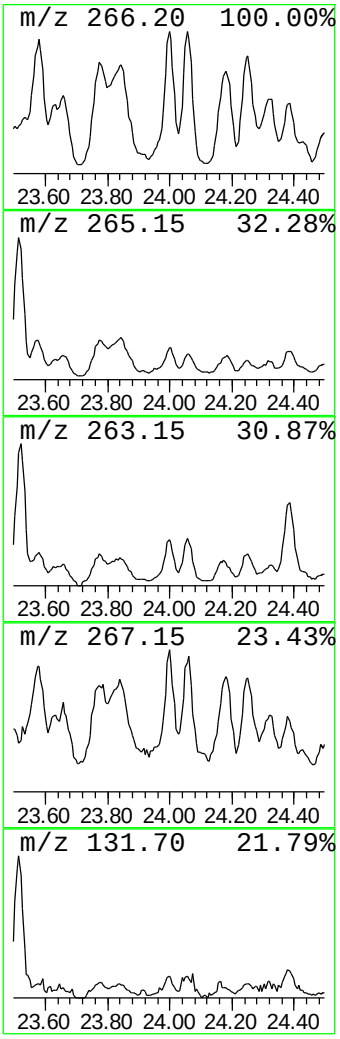
Peak Number 42 Perylene, 3-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	2.68 ng/ul	64779	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene, 3-methyl-	266	C21H14	024471-47-4	74
2	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	68
3	Indole, 3-methyl-2-(4-methyl-3-n...	266	C16H14N2O2	311765-55-6	50
4	(1-Cyclohexenyl)ferrocene	266	C16H18Fe	033183-07-2	50
5	Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	50





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Data File : BM004043.D
Acq On : 15 Jan 2016 12:22
Operator : SJ/UM
Sample : H1100-01 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC982

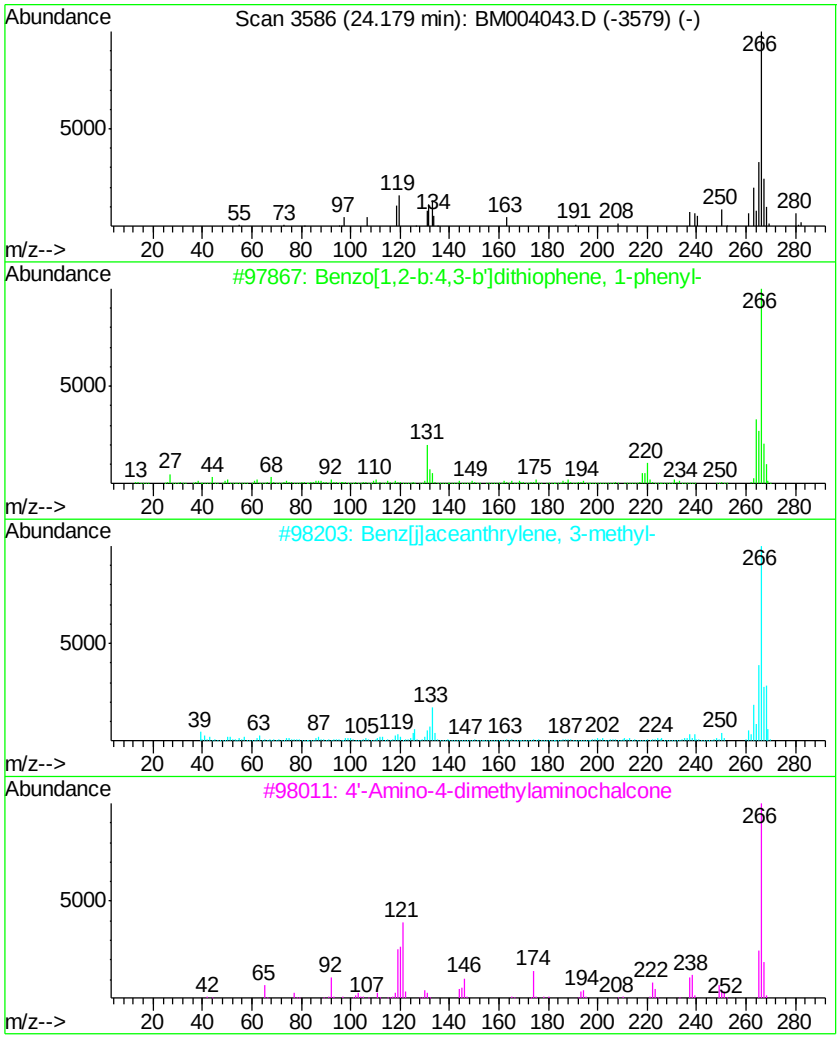
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

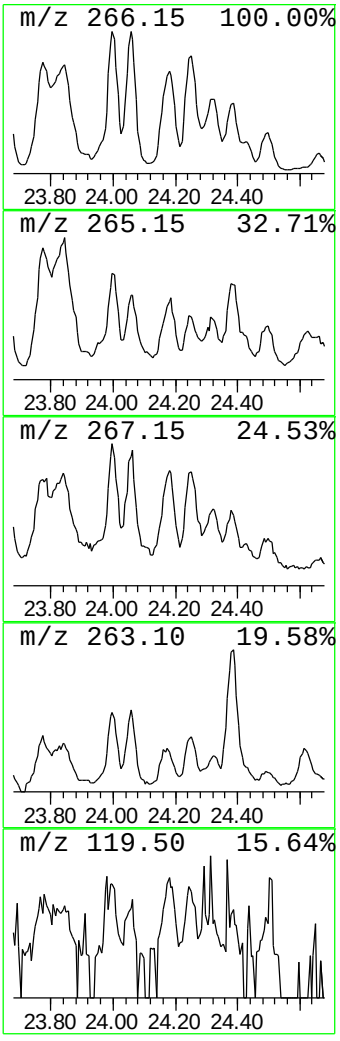
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Benzo[1,2-b:4,3-b']dithioph... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.18	2.07 ng/ul	50109	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	64
2	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	53
3	4'-Amino-4-dimethylaminochalcone	266	C17H18N2O	025870-72-8	53
4	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	50
5	2,3-Dihydro-7-methyl-5-phenyl-1H...	266	C16H14N2S	002888-60-0	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004043.D
Acq On : 15 Jan 2016 12:22
Operator : SJ/UM
Sample : H1100-01 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC982

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.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
1,4,5,8-Tetrameth...	16.05	2.4	ng/ul	68496	4	17.07	574029	20.0
Dibenzothiophene	16.89	2.9	ng/ul	84438	4	17.07	574029	20.0
Dibenzothiophene,...	17.65	4.1	ng/ul	117783	4	17.07	574029	20.0
Anthracene, 2-met...	17.94	10.1	ng/ul	290333	4	17.07	574029	20.0
Phenanthrene, 2-m...	18.00	12.1	ng/ul	346376	4	17.07	574029	20.0
Anthracene, 1-met...	18.07	3.2	ng/ul	91822	4	17.07	574029	20.0
Naphtho[2,3-b]thi...	18.35	2.3	ng/ul	64836	4	17.07	574029	20.0
1,2,4,8-Tetrameth...	18.45	5.5	ng/ul	158967	4	17.07	574029	20.0
9,10-Anthracenedione	18.50	6.9	ng/ul	197970	4	17.07	574029	20.0
Phenanthrene, 3,6...	18.70	2.8	ng/ul	80565	4	17.07	574029	20.0
Phenanthrene, 2,5...	18.87	17.0	ng/ul	486828	4	17.07	574029	20.0
Naphthalene, 1,2-...	18.97	3.1	ng/ul	88487	4	17.07	574029	20.0
1,3-Diphenyl-3-me...	19.02	7.9	ng/ul	227586	4	17.07	574029	20.0
5(10H)-Pyrido[3,4...	19.07	2.3	ng/ul	64930	4	17.07	574029	20.0
Phenanthrene, 2,3...	19.59	3.5	ng/ul	226681	5	21.28	1293110	20.0
unknown-01	19.74	2.1	ng/ul	133933	5	21.28	1293110	20.0
Pyrene, 1-methyl-	19.83	2.9	ng/ul	189762	5	21.28	1293110	20.0
11H-Benzo[b]fluorene	20.00	6.3	ng/ul	404830	5	21.28	1293110	20.0
1,1'-Biphenyl, 2,...	20.28	2.7	ng/ul	176307	5	21.28	1293110	20.0
11H-Benzo[a]fluor...	20.76	3.8	ng/ul	247552	5	21.28	1293110	20.0
Benzo[b]naphtho[2...	20.92	5.4	ng/ul	348146	5	21.28	1293110	20.0
Benz[a]anthracene...	21.83	5.4	ng/ul	350469	5	21.28	1293110	20.0
Chrysene, 1-methyl-	21.88	3.0	ng/ul	192456	5	21.28	1293110	20.0
unknown-02	22.03	2.3	ng/ul	148234	5	21.28	1293110	20.0
Benz[a]anthracene...	22.48	4.6	ng/ul	110986	6	23.51	484297	20.0
unknown-03	22.60	2.8	ng/ul	68090	6	23.51	484297	20.0
unknown-04	23.15	2.3	ng/ul	56433	6	23.51	484297	20.0
Perylene, 3-methyl-	24.00	2.7	ng/ul	64779	6	23.51	484297	20.0
Benzo[1,2-b:4,3-b...	24.18	2.1	ng/ul	50109	6	23.51	484297	20.0