LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
Data File : BG021892.D
Acq On : 15 May 2016 14:14
Operator : UM/SJ
Sample : H3096-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF9

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_G\METHODS\SOM02.2-EPA-BG050916.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	7.310	755	761	774	rBV	66140	144976	1.39%	0.126%
2	7.480	784	790	798	rBV	64629	123671	1.19%	0.108%
3	7.692	819	826	837	rBV	88325	176704	1.70%	0.154%
4	8.168	892	907	921	rBV	119034	252225	2.42%	0.219%
5	8.867	1018	1026	1043	rBV2	82293	182882	1.76%	0.159%
6	9.331	1097	1105	1117	rBV	74771	171148	1.64%	0.149%
7	10.060	1221	1229	1241	rBV	58665	132841	1.28%	0.116%
8	10.600	1313	1321	1334	rBV	122484	264368	2.54%	0.230%
9	10.982	1372	1386	1390	rBV	241060	503562	4.84%	0.438%
10	11.035	1390	1395	1403	rVV	423893	849746	8.16%	0.739%
11	11.117	1403	1409	1422	rVB2	72762	188220	1.81%	0.164%
12	12.627	1659	1666	1674	rBV	119578	223252	2.14%	0.194%
13	12.844	1696	1703	1710	rBV	73273	134780	1.29%	0.117%
14	14.184	1923	1931	1936	rVV	295607	552922	5.31%	0.481%
15	14.231	1936	1939	1947	rVB	146688	241647	2.32%	0.210%
16	14.484	1974	1982	1997	rVB	399950	725644	6.97%	0.631%
17	14.789	2023	2034	2039	rBV2	453415	858504	8.24%	0.747%
18	14.854	2039	2045	2052	rVV	767451	1308831	12.57%	1.139%
19	14.989	2062	2068	2077	rBV2	40765	113945	1.09%	0.099%
20	15.183	2094	2101	2109	rVV	238320	452262	4.34%	0.394%
21	15.776	2192	2202	2207	rBV	518465	885452	8.50%	0.770%
22	15.835	2207	2212	2218	rVV	458540	766752	7.36%	0.667%
23	15.894	2218	2222	2229	rVV2	73787	152958	1.47%	0.133%
24	16.123	2257	2261	2271	rVB	73610	130810	1.26%	0.114%
25	16.270	2281	2286	2294	rVB	75376	156128	1.50%	0.136%
26	16.499	2315	2325	2336	rVB6	117954	305325	2.93%	0.266%
27	16.810	2370	2378	2379	rBV4	55082	110747	1.06%	0.096%
28	16.834	2379	2382	2386	rVV3	74351	122894	1.18%	0.107%
29	17.057	2412	2420	2424	rBV3	40288	102259	0.98%	0.089%
30	17.186	2436	2442	2450	rVV	179687	360039	3.46%	0.313%
31	17.269	2450	2456	2464	rVV3	83808	241317	2.32%	0.210%
32	17.351	2465	2470	2477	rVB	219518	357535	3.43%	0.311%
33	17.539	2494	2502	2504	rBV2	499452	956287	9.18%	0.832%
34	17.580	2504	2509	2514	rVV	3661920	6668752	64.03%	5.802%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
Data File : BG021892.D
Acq On : 15 May 2016 14:14
Operator : UM/SJ
Sample : H3096-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF9

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_G\METHODS\SOM02.2-EPA-BG050916.M
Title : SVOA CALIBRATION

35	17.633	2514	2518	2521	rVV2	631471	1126392	10.82%	0.980%
36	17.668	2521	2524	2529	rVV	997535	1460608	14.02%	1.271%
37	17.727	2529	2534	2543	rVB	150661	309376	2.97%	0.269%
38	17.933	2560	2569	2577	rBV	660810	1322393	12.70%	1.151%
39	18.050	2584	2589	2594	rVV3	66950	126574	1.22%	0.110%
40	18.115	2595	2600	2608	rVV6	53724	112529	1.08%	0.098%
41	18.403	2643	2649	2653	rVV	356245	610277	5.86%	0.531%
42	18.456	2653	2658	2664	rVV2	499354	830877	7.98%	0.723%
43	18.532	2665	2671	2676	rVV	157490	273192	2.62%	0.238%
44	18.602	2676	2683	2694	rVV3	653705	1581580	15.19%	1.376%
45	18.696	2694	2699	2704	rVV3	75878	146435	1.41%	0.127%
46	18.743	2704	2707	2712	rVV2	72256	117633	1.13%	0.102%
47	18.896	2728	2733	2737	rVV	282385	444940	4.27%	0.387%
48	18.943	2737	2741	2750	rVV	250190	414975	3.98%	0.361%
49	19.143	2770	2775	2779	rBV3	79870	120538	1.16%	0.105%
50	19.231	2786	2790	2798	rVB2	67681	98106	0.94%	0.085%
51	19.313	2798	2804	2810	rBV2	190275	415690	3.99%	0.362%
52	19.460	2823	2829	2836	rVB3	157562	318210	3.06%	0.277%
53	19.584	2842	2850	2856	rBV	4952758	9063271	87.02%	7.886%
54	19.631	2856	2858	2862	rVV	73290	122287	1.17%	0.106%
55	19.672	2862	2865	2871	rVB2	151972	225231	2.16%	0.196%
56	19.766	2876	2881	2884	rVV6	69052	123325	1.18%	0.107%
57	19.819	2885	2890	2899	rVB2	213045	451165	4.33%	0.393%
58	19.948	2899	2912	2918	rBV4	4296159	10414901	100.00%	9.062%
59	20.001	2918	2921	2928	rVB2	232037	368052	3.53%	0.320%
60	20.112	2934	2940	2945	rBV	214108	340605	3.27%	0.296%
61	20.177	2945	2951	2957	rVB	346782	560875	5.39%	0.488%
62	20.253	2957	2964	2970	rBV3	334421	801080	7.69%	0.697%
63	20.312	2970	2974	2980	rVB	191120	283996	2.73%	0.247%
64	20.424	2980	2993	2998	rBV	839948	1837193	17.64%	1.599%
65	20.524	3005	3010	3014	rBV	616629	919881	8.83%	0.800%
66	20.582	3014	3020	3023	rVV2	396967	828648	7.96%	0.721%
67	20.618	3023	3026	3030	rVV	325910	473050	4.54%	0.412%
68	20.659	3030	3033	3038	rVV2	105661	161750	1.55%	0.141%
69	20.723	3039	3044	3048	rVV	248636	397748	3.82%	0.346%
70	20.770	3048	3052	3062	rVB2	254133	463498	4.45%	0.403%
71	21.023	3084	3095	3098	rBV10	151714	462823	4.44%	0.403%

LSC Area Percent Report

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Data File : BG021892.D
Acq On : 15 May 2016 14:14
Operator : UM/SJ
Sample : H3096-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF9

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_G\METHODS\SOM02.2-EPA-BG050916.M
Title : SVOA CALIBRATION

72	21.152	3112	3117	3120	rBV4	109189	205065	1.97%	0.178%
73	21.199	3120	3125	3131	rVB	334056	606587	5.82%	0.528%
74	21.387	3149	3157	3161	rBV2	618766	1264983	12.15%	1.101%
75	21.429	3161	3164	3169	rVV2	526502	889685	8.54%	0.774%
76	21.481	3169	3173	3178	rVV3	576135	1168943	11.22%	1.017%
77	21.540	3179	3183	3195	rVB2	387054	868920	8.34%	0.756%
78	21.675	3198	3206	3212	rBV2	196151	481748	4.63%	0.419%
79	21.810	3216	3229	3235	rVV3	3110149	8455446	81.19%	7.357%
80	21.875	3235	3240	3252	rVB	2441362	5072062	48.70%	4.413%
81	22.028	3260	3266	3273	rBV	626966	1105677	10.62%	0.962%
82	22.104	3274	3279	3284	rVV4	145425	337067	3.24%	0.293%
83	22.169	3286	3290	3296	rVV	264178	537546	5.16%	0.468%
84	22.239	3296	3302	3309	rVB2	463445	955929	9.18%	0.832%
85	22.574	3351	3359	3364	rVB2	305316	707421	6.79%	0.616%
86	22.792	3392	3396	3401	rVV3	120521	216665	2.08%	0.189%
87	22.856	3402	3407	3411	rVV	210889	472501	4.54%	0.411%
88	22.909	3411	3416	3424	rVB3	289498	674187	6.47%	0.587%
89	22.997	3425	3431	3444	rVB4	203470	603630	5.80%	0.525%
90	23.279	3474	3479	3485	rBV6	87400	223885	2.15%	0.195%
91	23.714	3546	3553	3562	rVB2	192320	516251	4.96%	0.449%
92	24.119	3608	3622	3629	rBV	2173272	8616719	82.73%	7.497%
93	24.366	3657	3664	3678	rVB	410624	1077344	10.34%	0.937%
94	24.578	3694	3700	3712	rBV4	125958	480070	4.61%	0.418%
95	24.866	3738	3749	3758	rBV2	1132927	4016971	38.57%	3.495%
96	25.024	3766	3776	3787	rVB	1825708	5826375	55.94%	5.069%
97	25.165	3792	3800	3807	rVV2	394985	1285226	12.34%	1.118%
98	25.248	3807	3814	3828	rVB3	595073	2156143	20.70%	1.876%
99	29.031	4439	4458	4480	rVB3	934464	5443016	52.26%	4.736%
100	30.224	4641	4661	4675	rBV3	608412	3615776	34.72%	3.146%

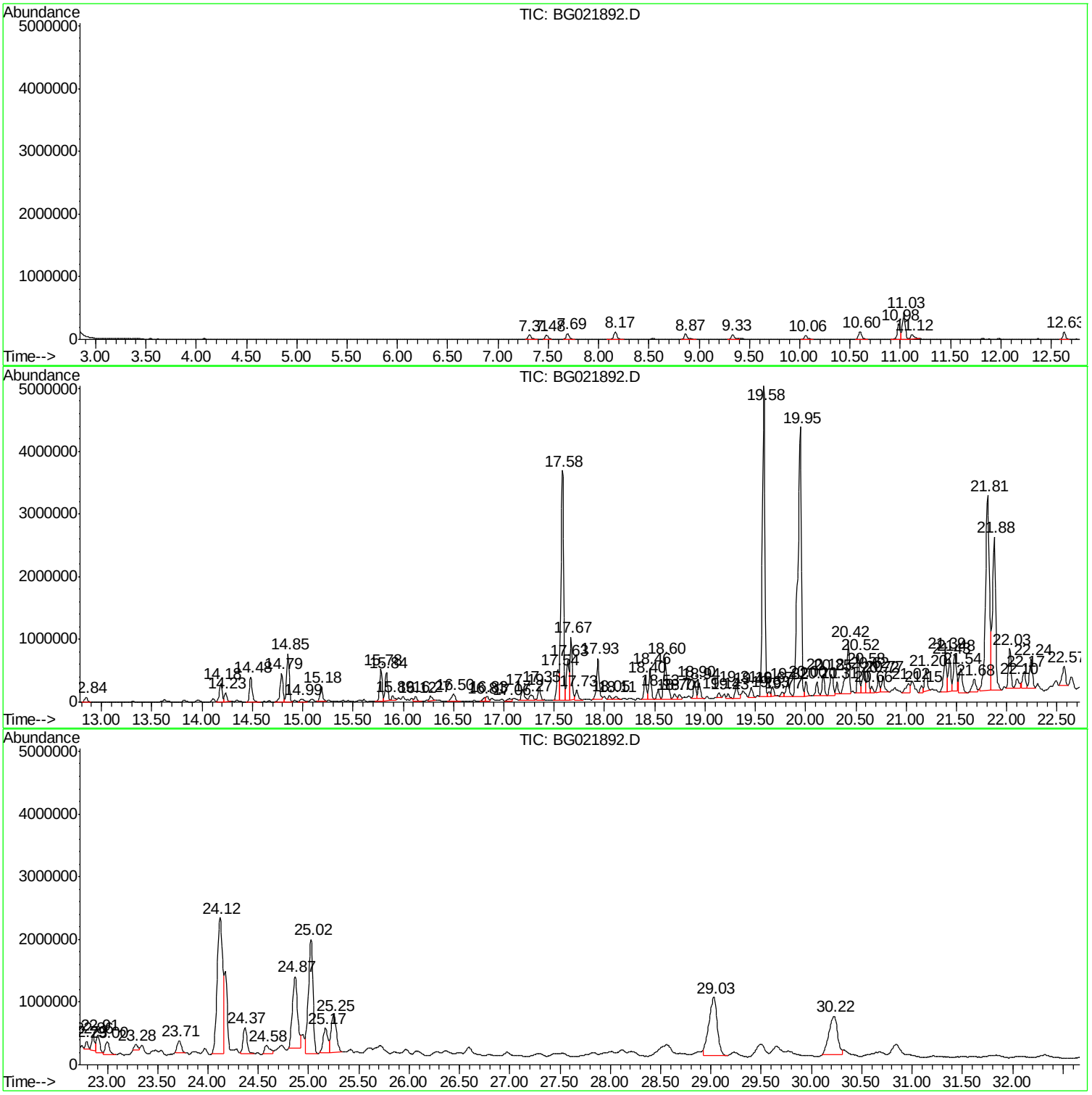
Sum of corrected areas: 114930927

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
Data File : BG021892.D
Acq On : 15 May 2016 14:14
Operator : UM/SJ
Sample : H3096-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XF9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
Data File : BG021892.D
Acq On : 15 May 2016 14:14
Operator : UM/SJ
Sample : H3096-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

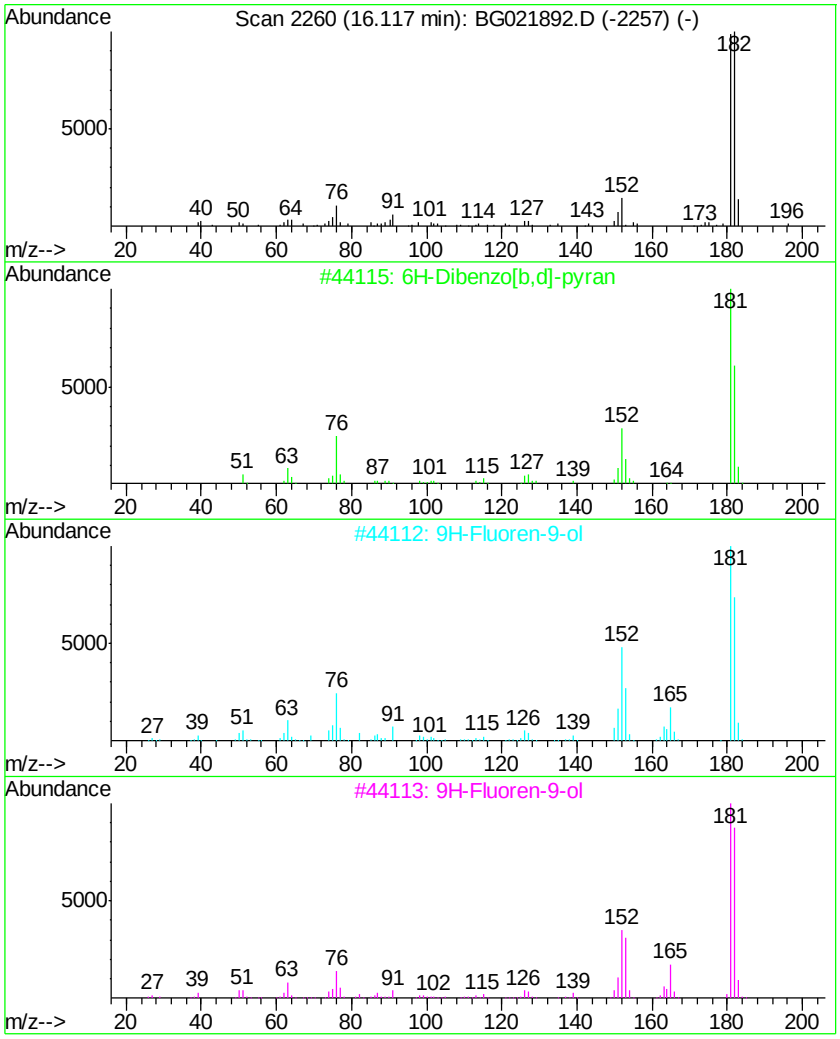
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

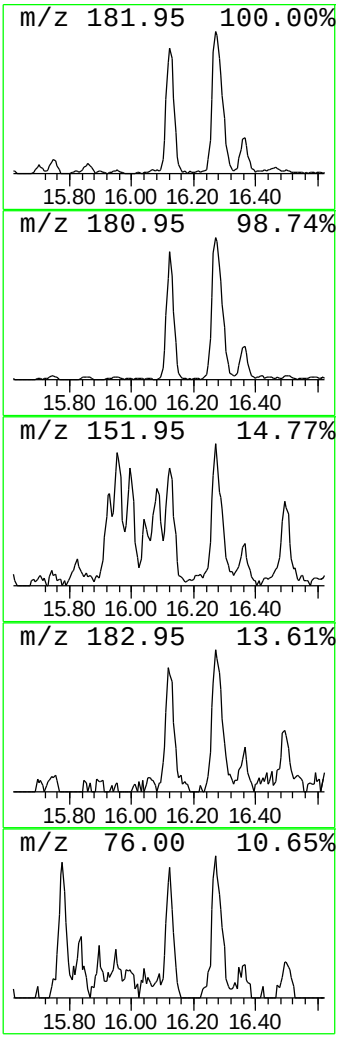
****

Peak Number 1 6H-Dibenzo[b,d]-pyran Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	3.05 ng/ul	130810	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	83
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72
5	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
Data File : BG021892.D
Acq On : 15 May 2016 14:14
Operator : UM/SJ
Sample : H3096-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

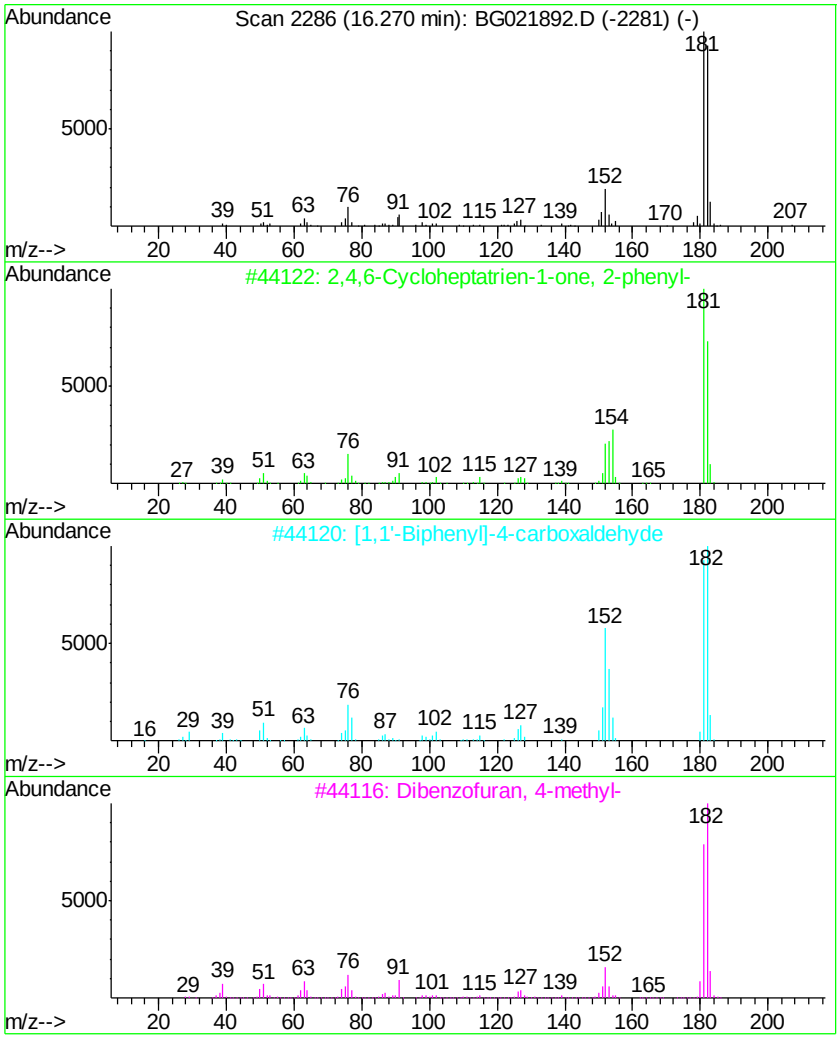
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

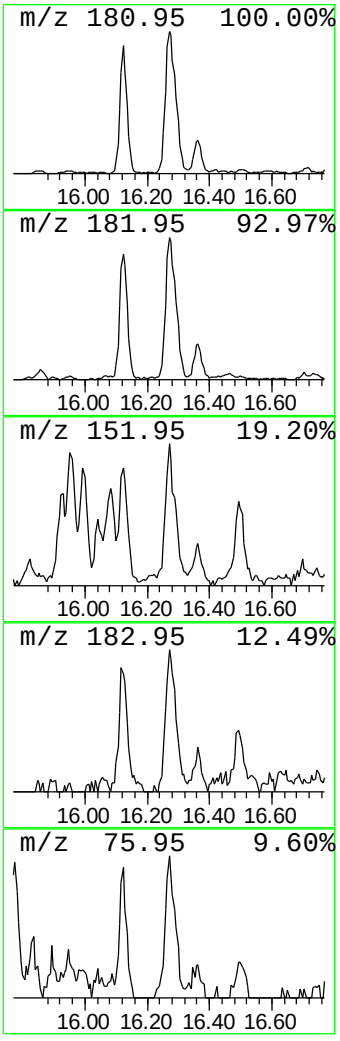
****

Peak Number 2 2,4,6-Cycloheptatrien-1-one... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	3.27 ng/ul	156128	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
4	Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	72
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
Data File : BG021892.D
Acq On : 15 May 2016 14:14
Operator : UM/SJ
Sample : H3096-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

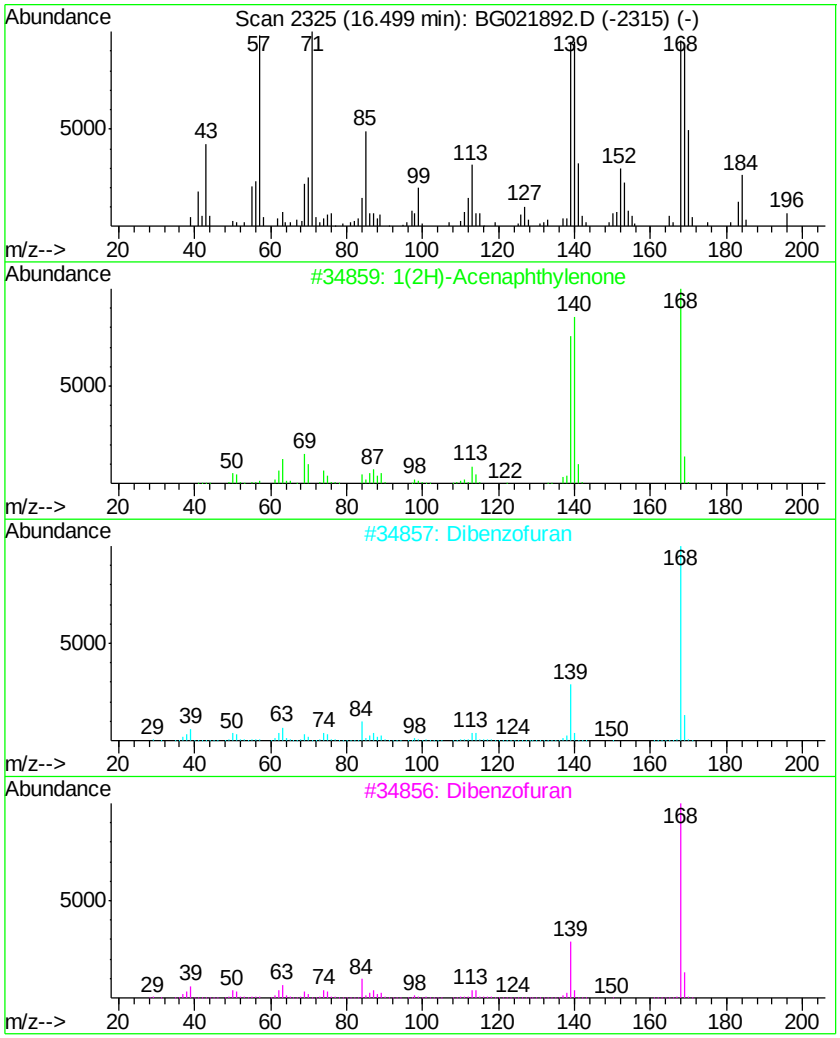
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

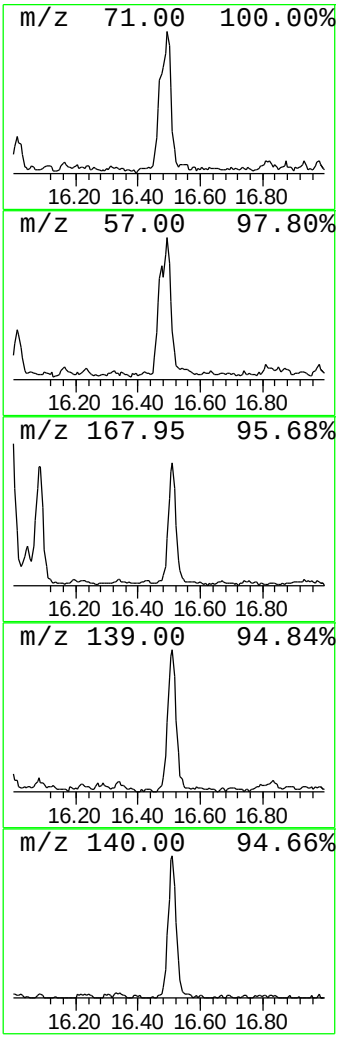
****

Peak Number 3 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	6.39 ng/ul	305325	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	46
2	Dibenzofuran	168	C12H8O	000132-64-9	20
3	Dibenzofuran	168	C12H8O	000132-64-9	20
4	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	18
5	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	18





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
Data File : BG021892.D
Acq On : 15 May 2016 14:14
Operator : UM/SJ
Sample : H3096-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

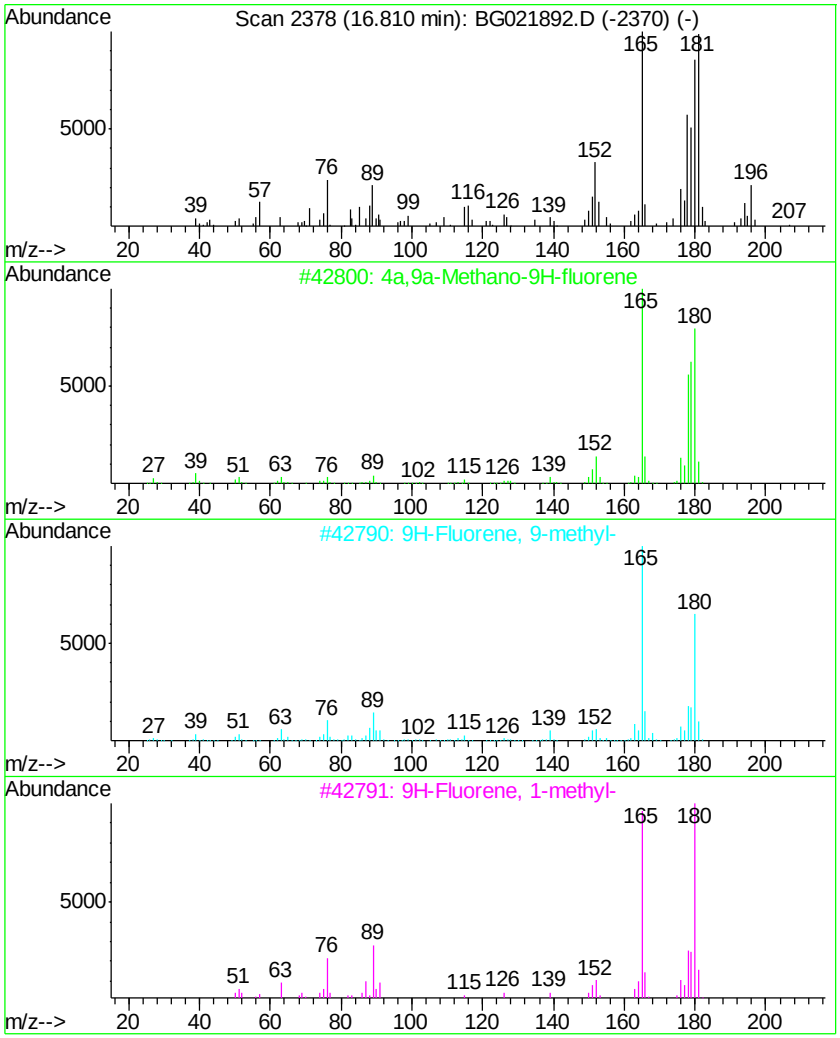
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

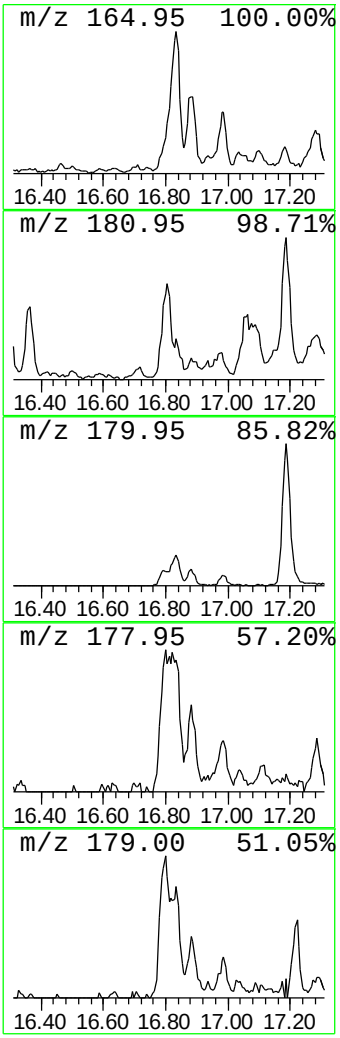
****

Peak Number 4 4a,9a-Methano-9H-fluorene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	2.32 ng/ul	110747	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	55
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	50
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	50
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	50
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
Data File : BG021892.D
Acq On : 15 May 2016 14:14
Operator : UM/SJ
Sample : H3096-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

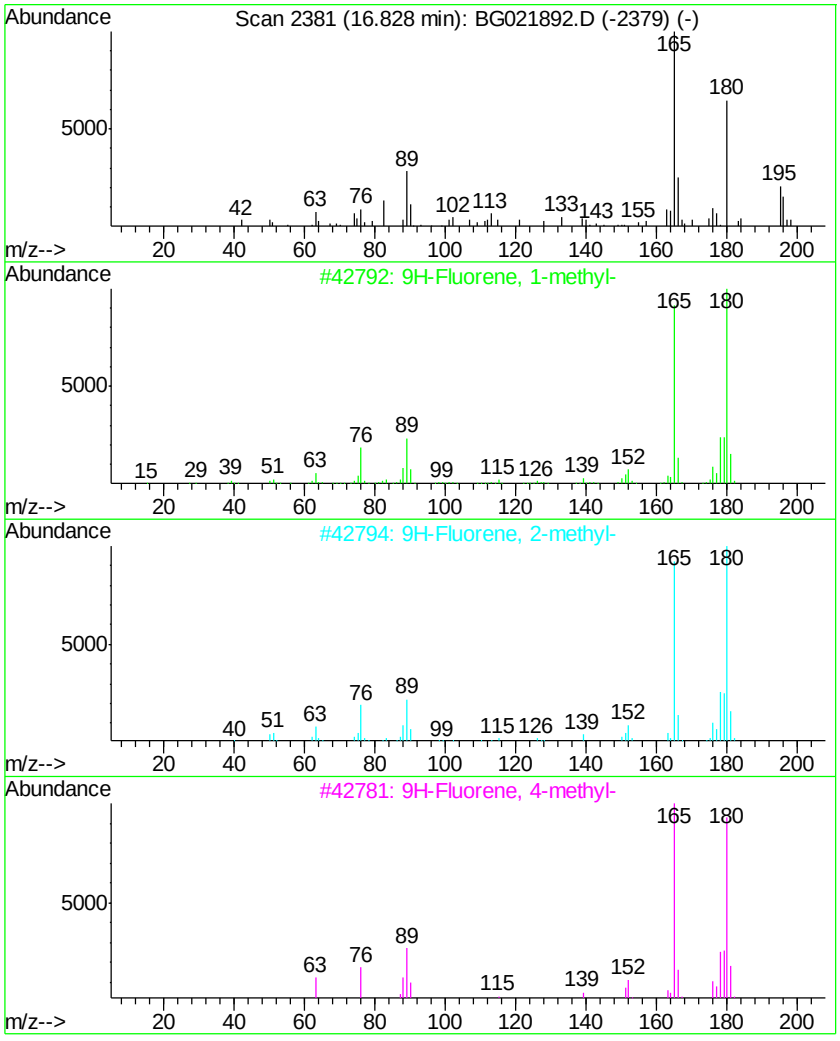
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

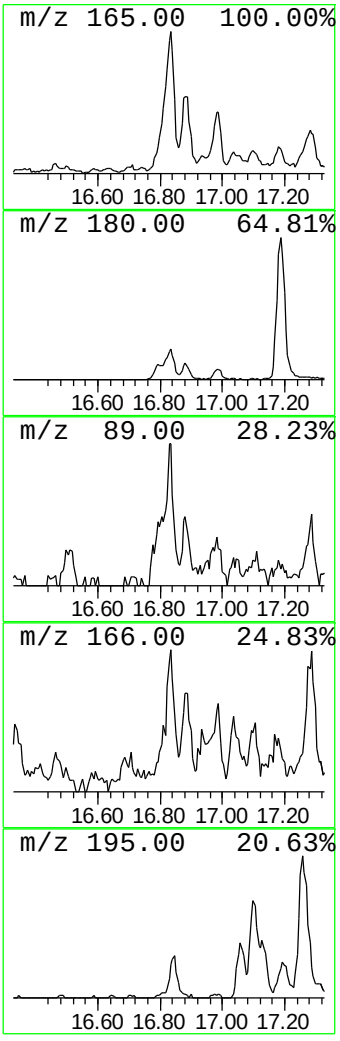
****

Peak Number 5 9H-Fluorene, 1-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	2.57 ng/ul	122894	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	62
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	62
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	62
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	62
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	52





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Acq On : 15 May 2016 14:14
Operator : UM/SJ
Sample : H3096-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

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

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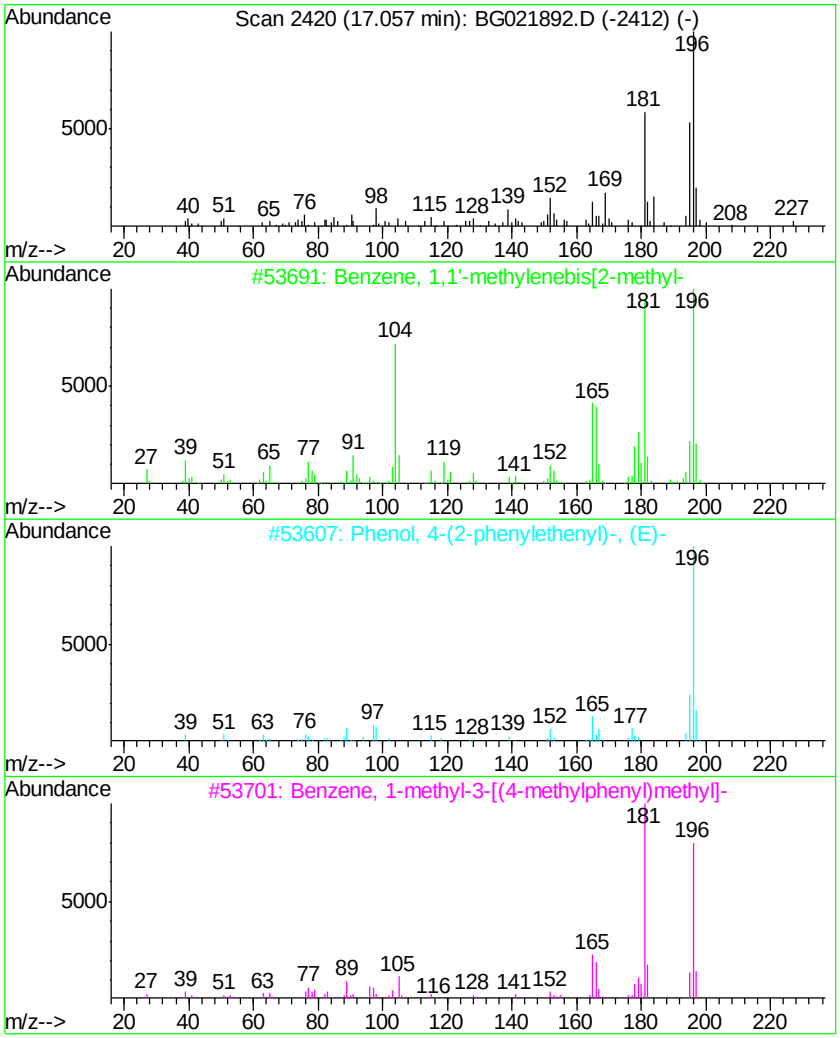
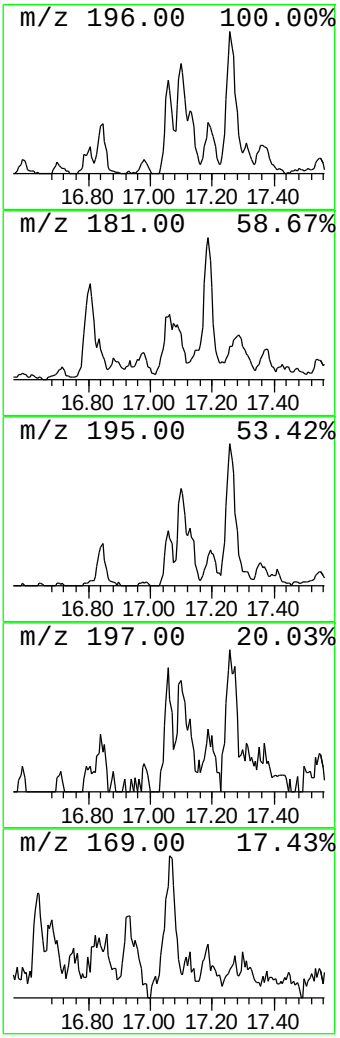
Peak Number 6 Benzene, 1,1'-methylenebis[... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	2.14 ng/ul	102259	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-methylenebis[2-met...	196	C15H16	001634-74-8	74
2	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	55
3	Benzene, 1-methyl-3-[(4-methylph...	196	C15H16	021895-16-9	53
4	Benzene, 1,1'-methylenebis[3-met...	196	C15H16	021895-14-7	53
5	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	52





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Sample : H3096-04
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Instrument : BNA_G
ClientSampleId : D9XF9

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Quant Title : SVOA CALIBRATION

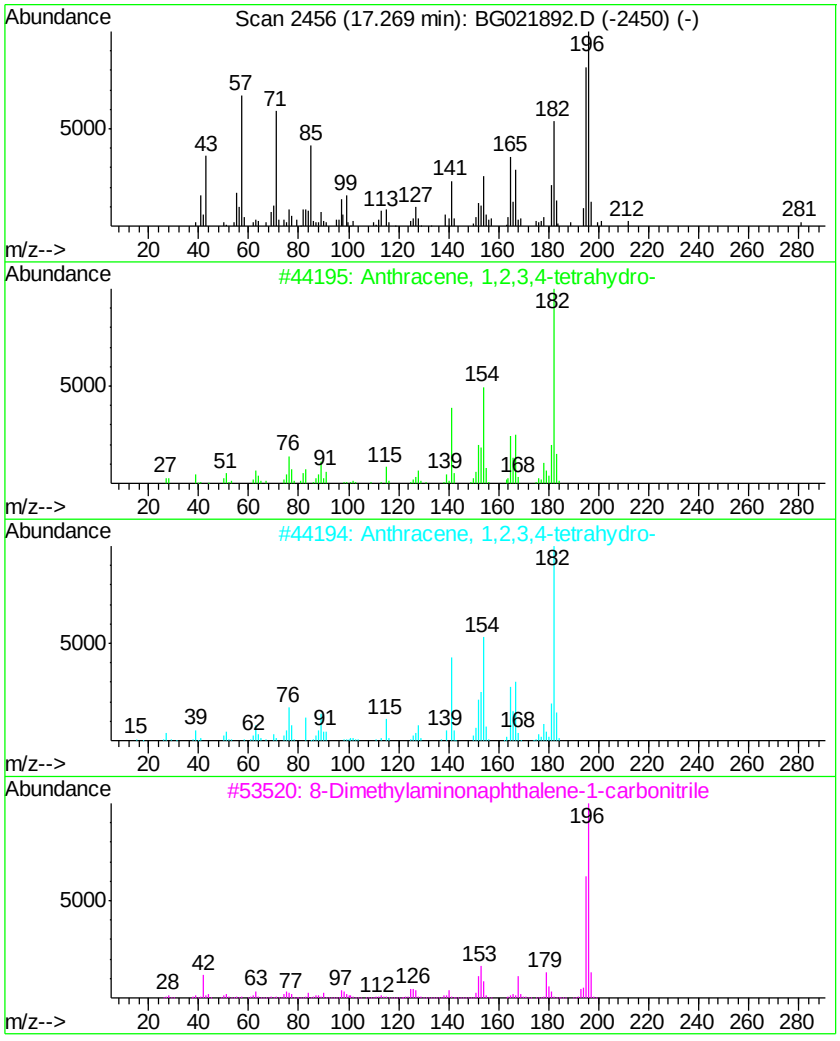
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

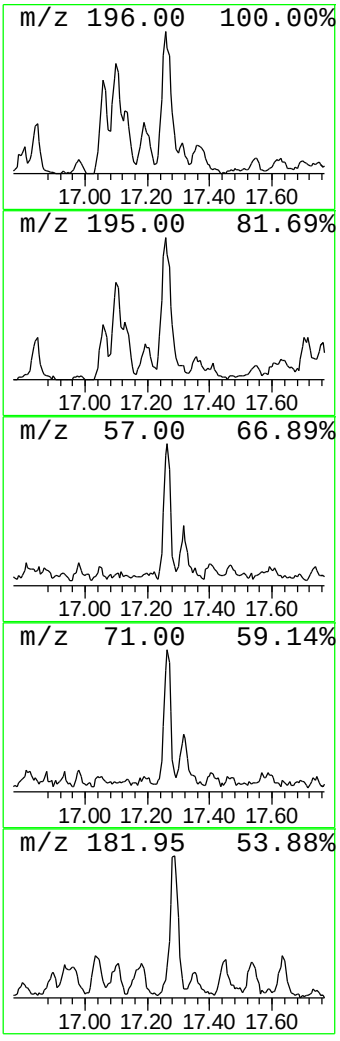
****

Peak Number 7 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	5.05 ng/ul	241317	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	64
2	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	60
3	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	38
4	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	35
5	Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	30





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

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

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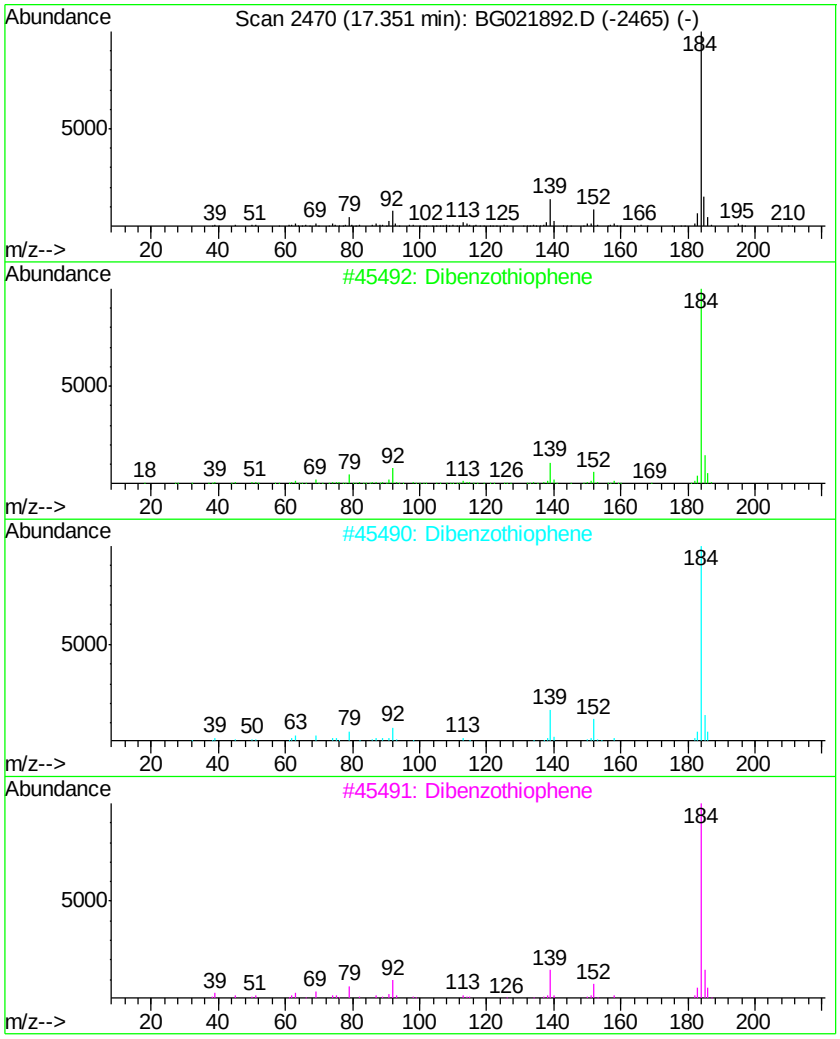
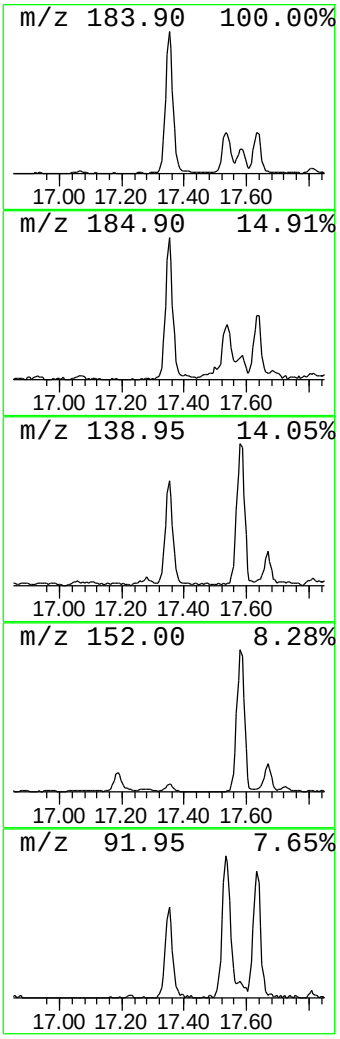
Peak Number 8 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	7.48 ng/ul	357535	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

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

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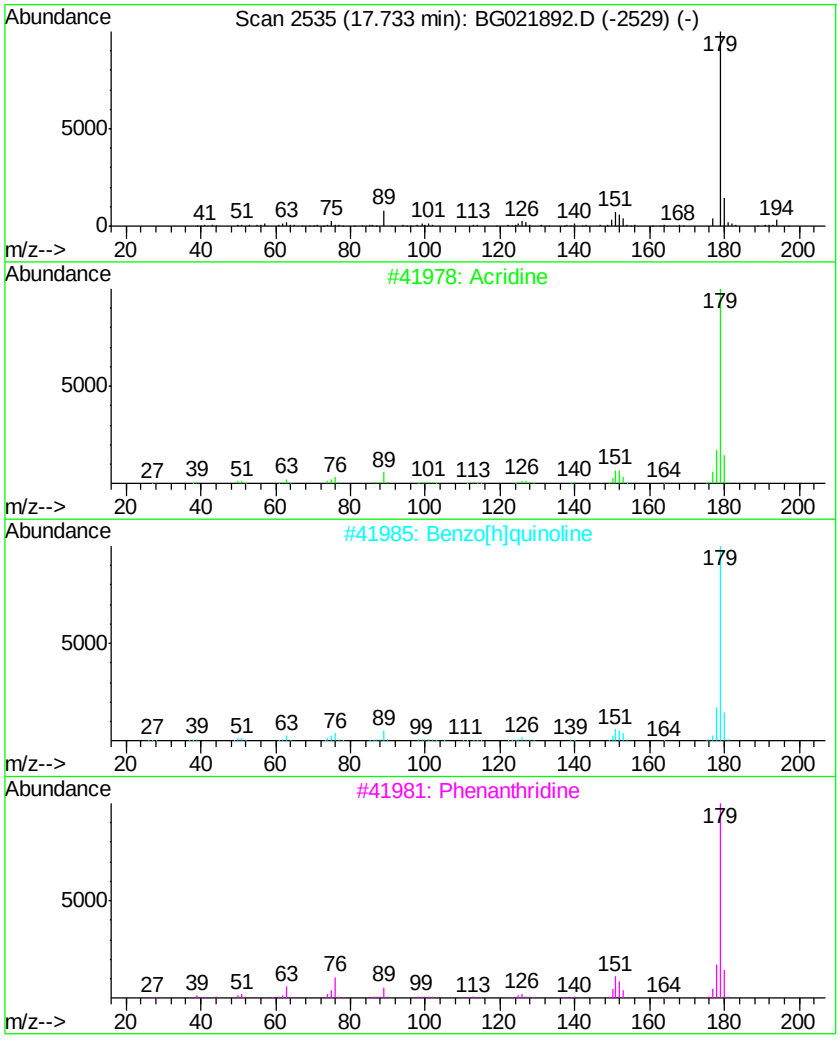
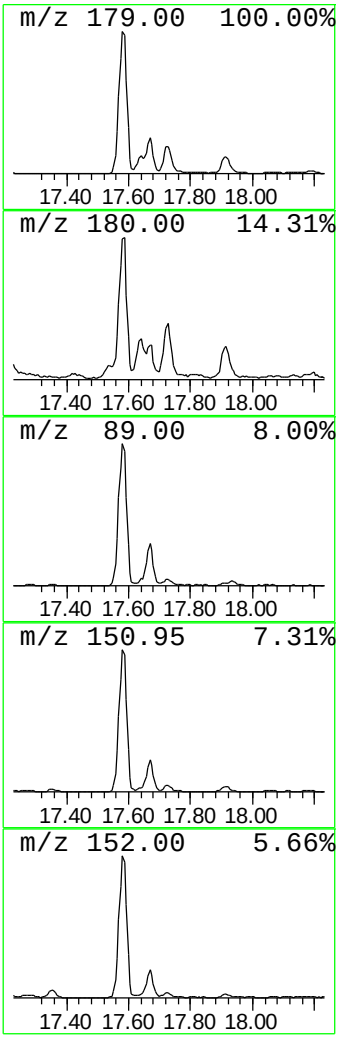
Peak Number 9 Acridine Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	6.47 ng/ul	309376	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	94
2	Benzo[h]quinoline	179	C13H9N	000230-27-3	91
3	Phenanthridine	179	C13H9N	000229-87-8	91
4	Acridine	179	C13H9N	000260-94-6	91
5	Acridine	179	C13H9N	000260-94-6	91





Library Search Compound Report

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Sample : H3096-04
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Quant Title : SVOA CALIBRATION

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

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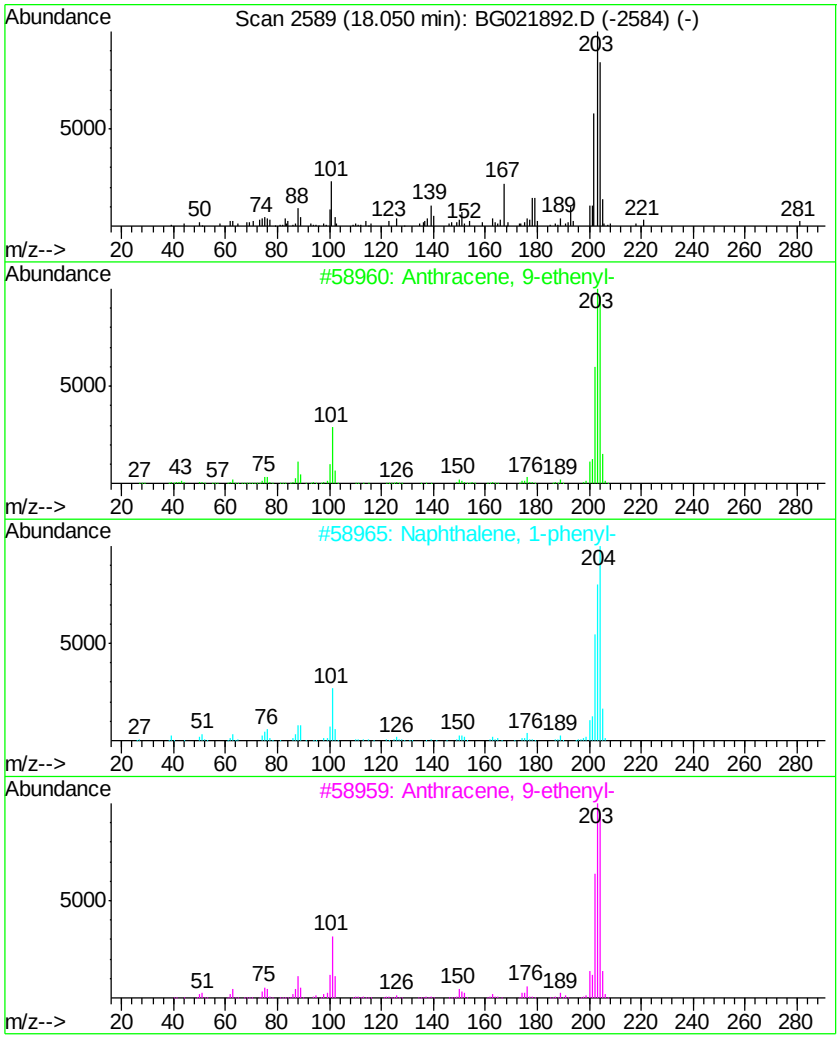
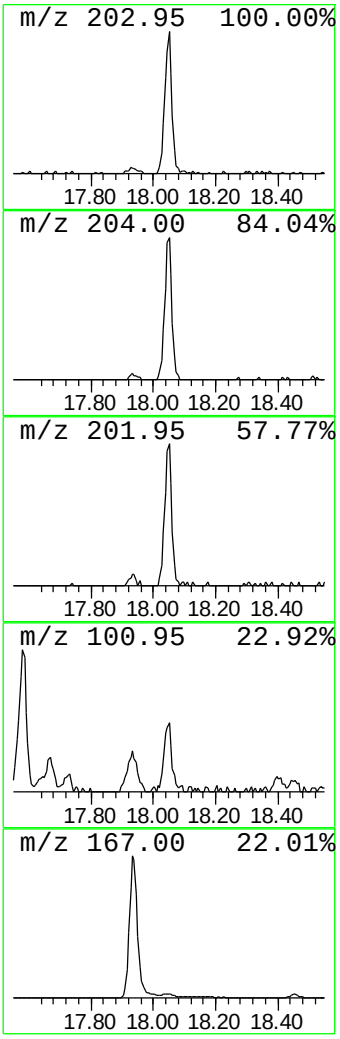
Peak Number 10 Anthracene, 9-ethenyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	2.65 ng/ul	126574	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	96
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	91
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	70
4	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	64
5	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	64





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF9

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Quant Title : SVOA CALIBRATION

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

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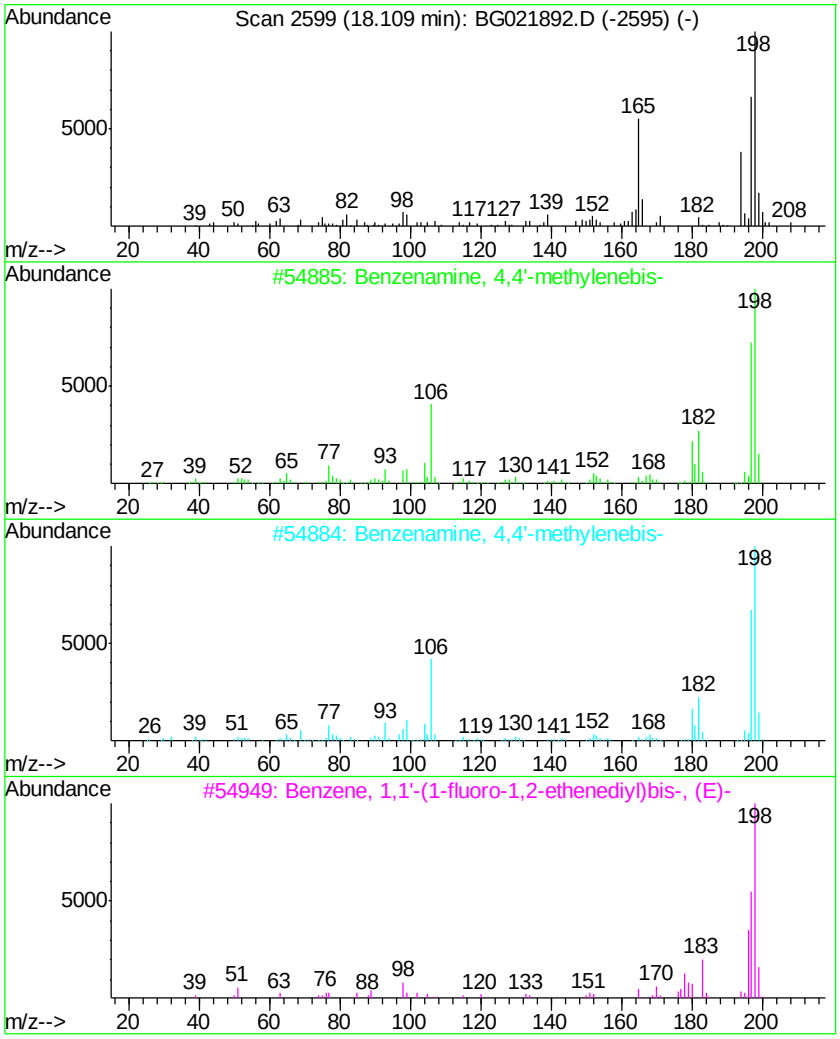
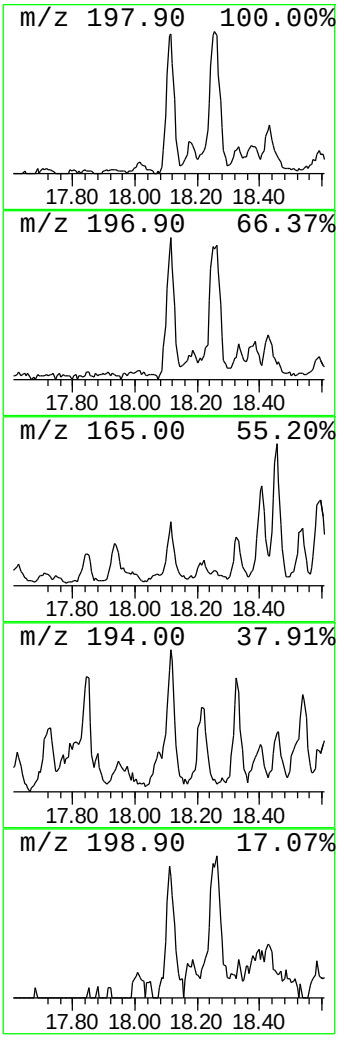
Peak Number 11 Benzenamine, 4,4'-methylene... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	2.35 ng/ul	112529	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	60
2	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	53
3	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	50
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	49
5	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	47





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF9

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Quant Title : SVOA CALIBRATION

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

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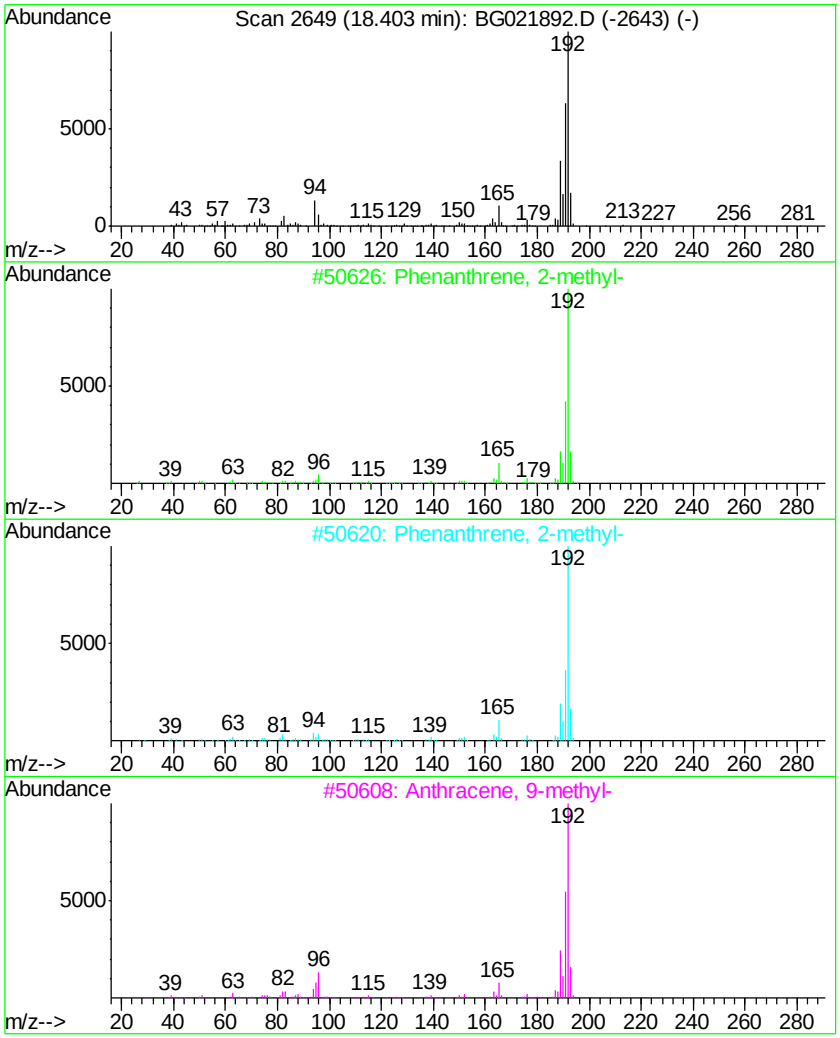
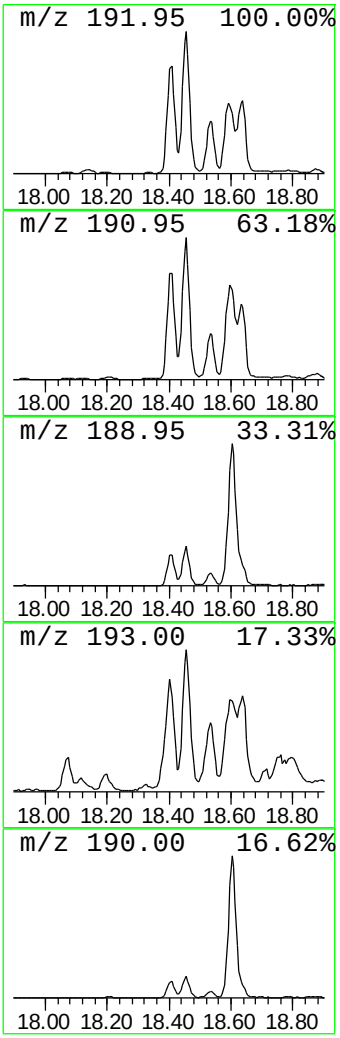
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	12.76 ng/ul	610277	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





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Sample : H3096-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF9

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Quant Title : SVOA CALIBRATION

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

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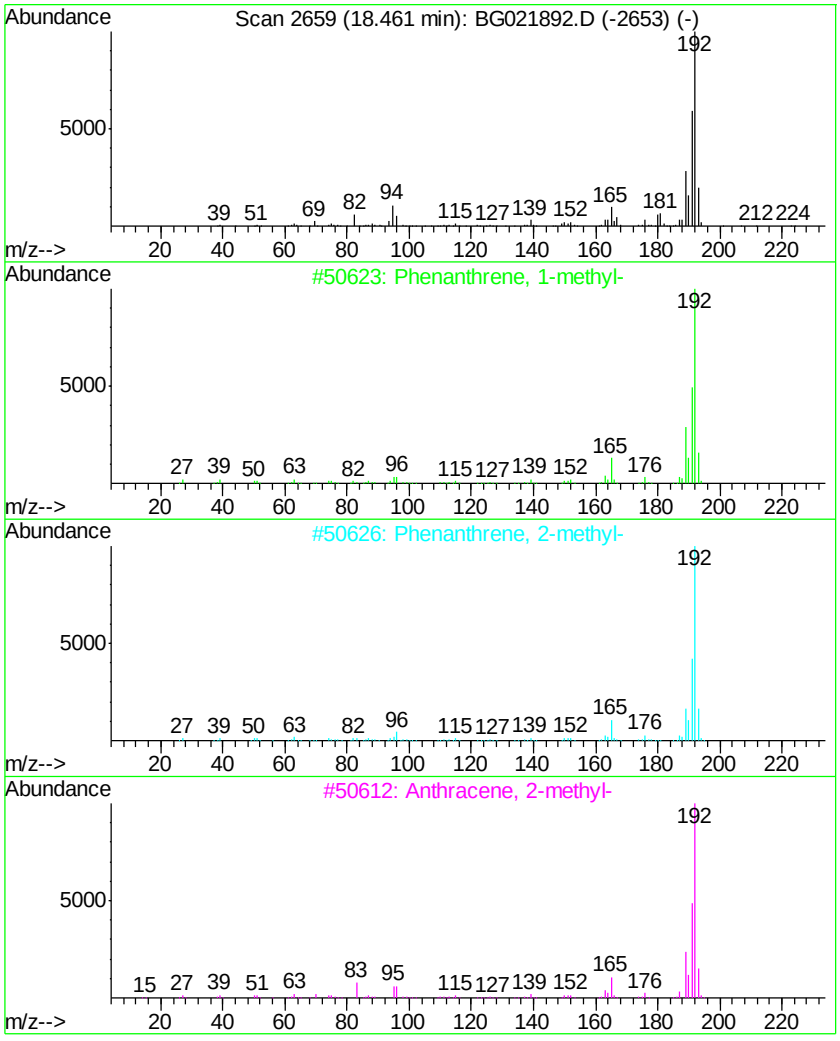
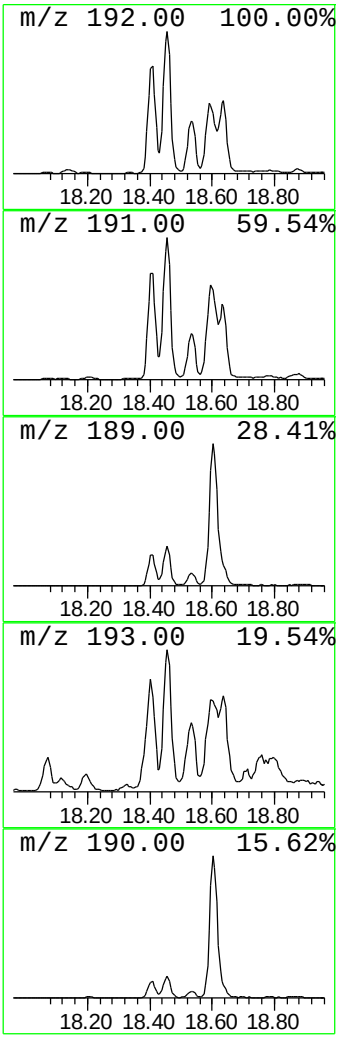
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	17.38 ng/ul	830877	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	92





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Quant Title : SVOA CALIBRATION

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

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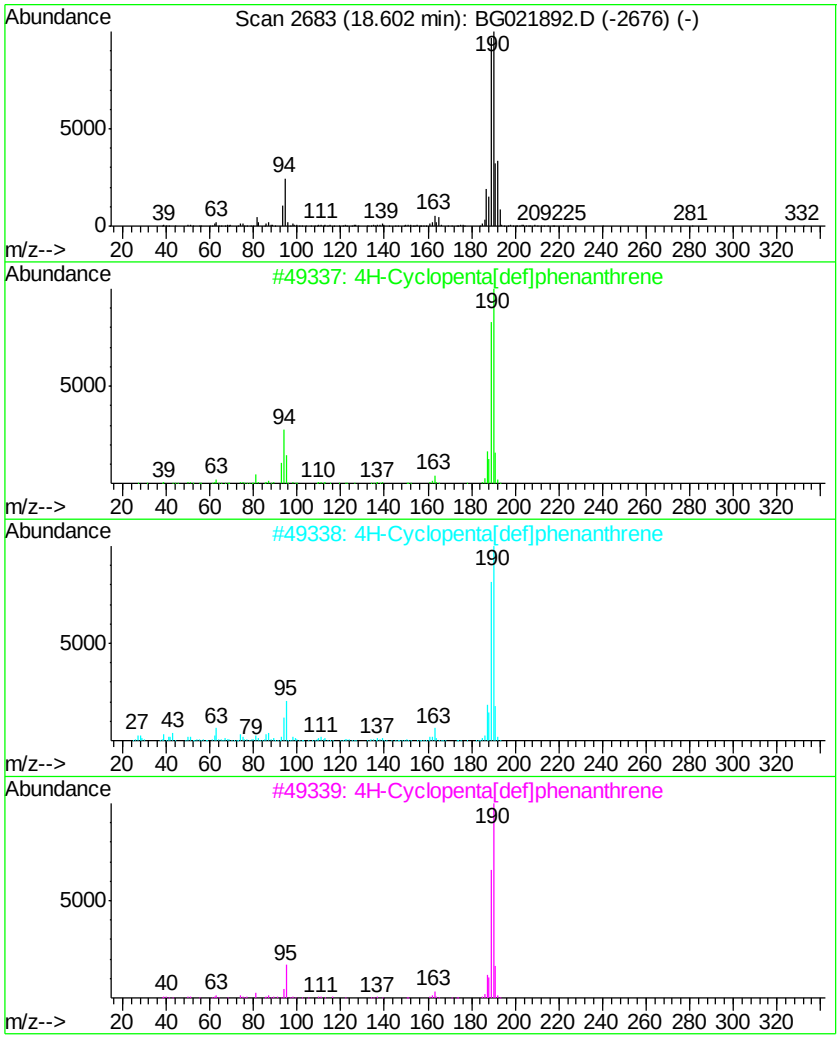
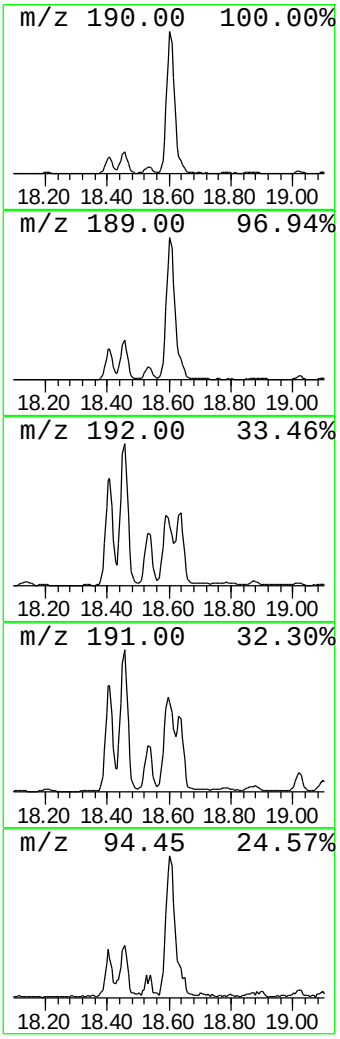
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	33.08 ng/ul	1581580	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF9

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Quant Title : SVOA CALIBRATION

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

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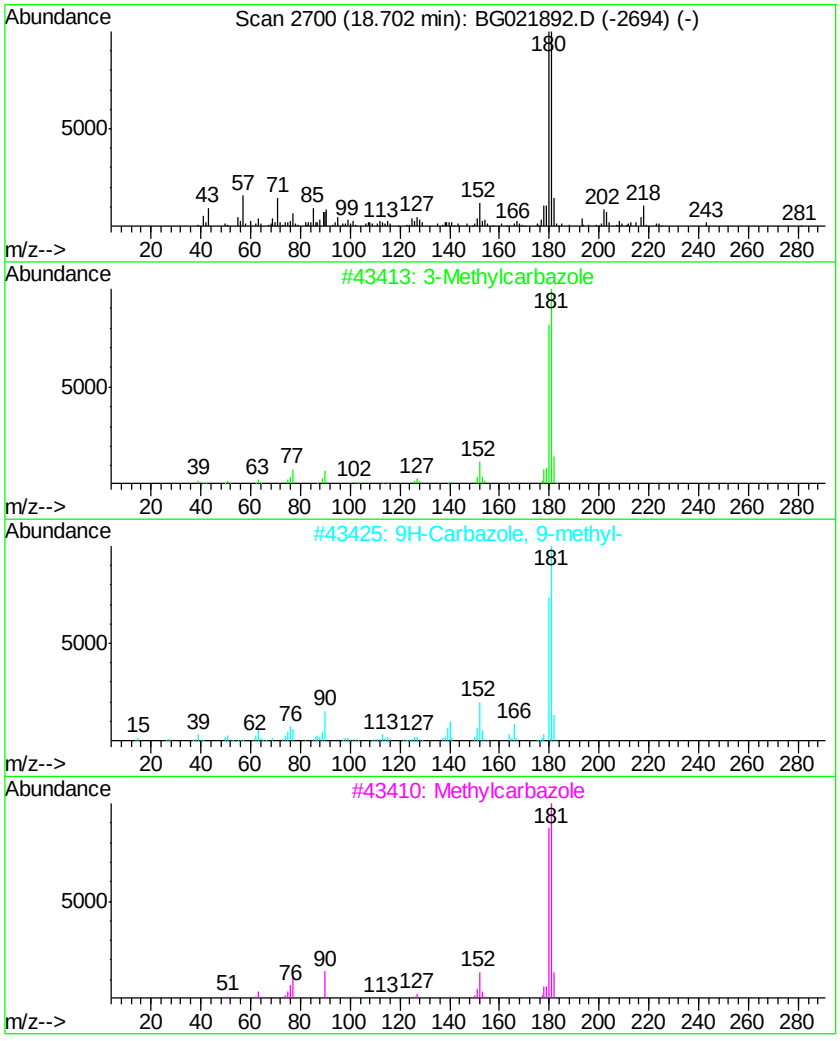
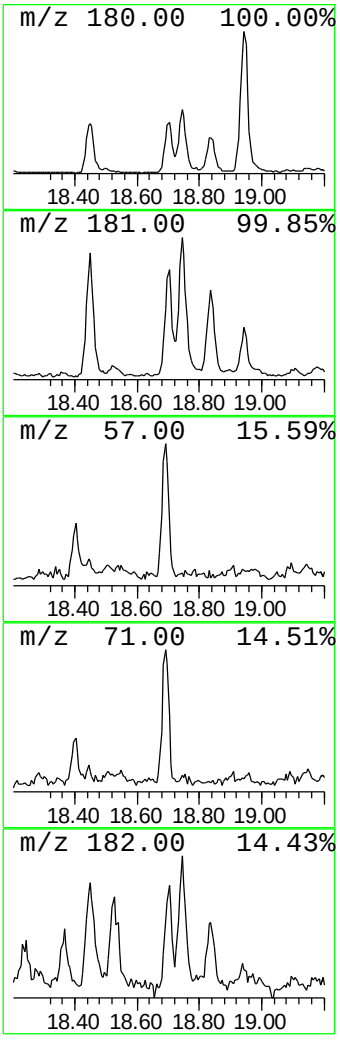
Peak Number 16 3-Methylcarbazole Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	3.06 ng/ul	146435	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	89
2	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	74
3	Methylcarbazole	181	C13H11N	027323-29-1	68
4	2-Fluorenamine	181	C13H11N	000153-78-6	64
5	3-Methylcarbazole	181	C13H11N	004630-20-0	64





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Sample : H3096-04
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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF9

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Quant Title : SVOA CALIBRATION

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

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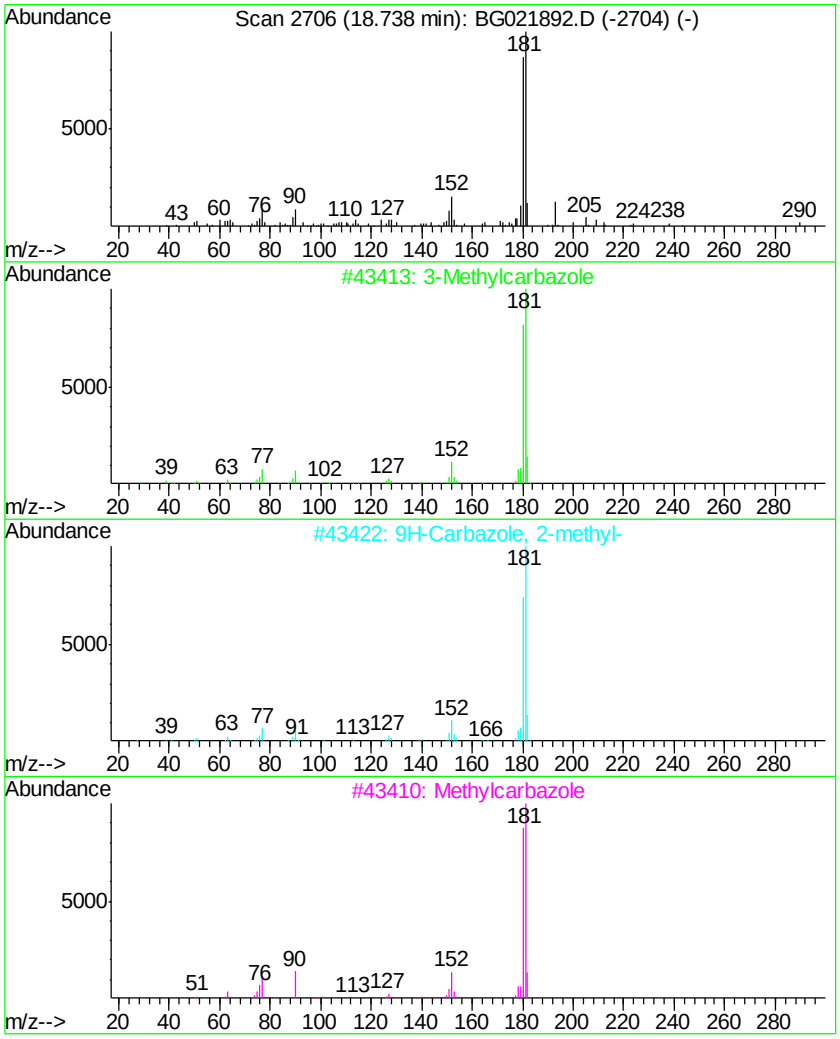
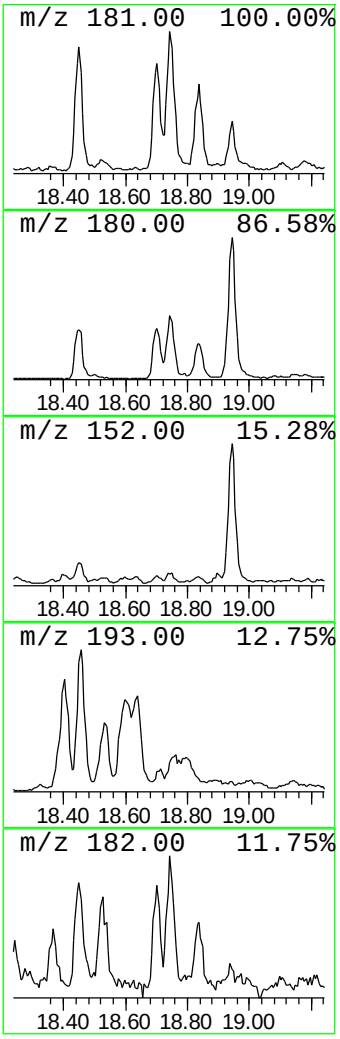
Peak Number 17 9H-Carbazole, 2-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	2.46 ng/ul	117633	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	93
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	93
3	Methylcarbazole	181	C13H11N	027323-29-1	90
4	3-Methylcarbazole	181	C13H11N	004630-20-0	87
5	1-Aminofluorene	181	C13H11N	006344-63-4	81





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Sample : H3096-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

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

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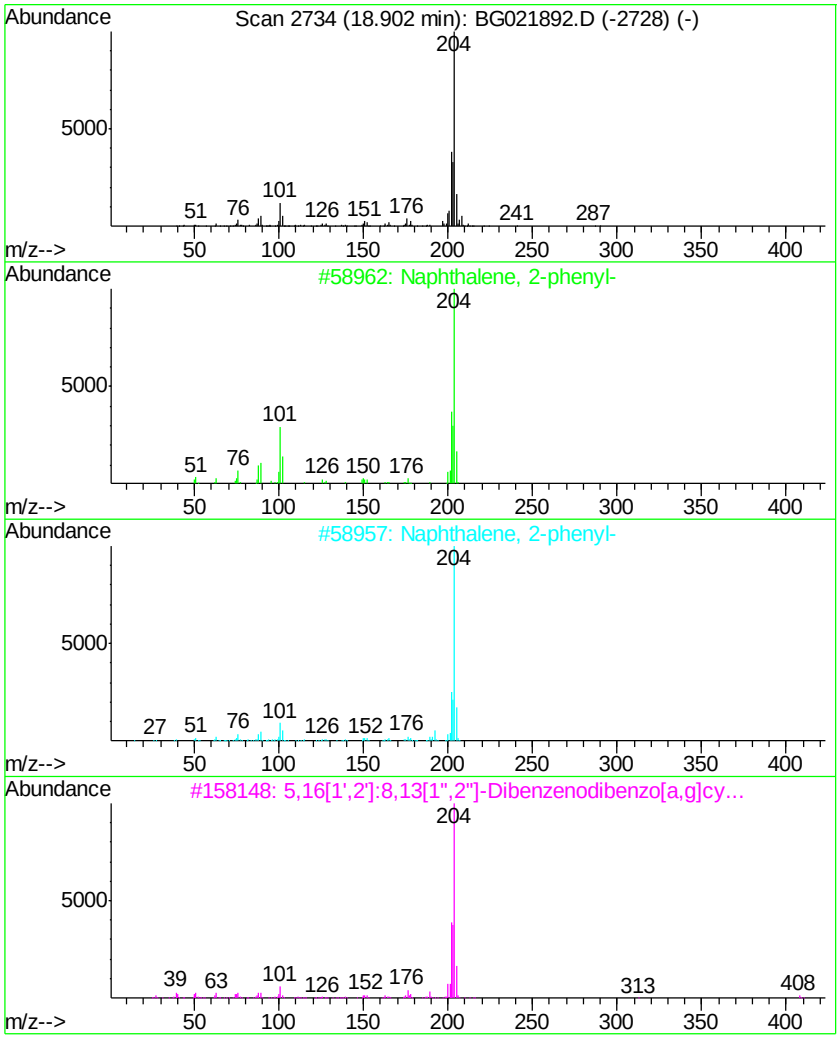
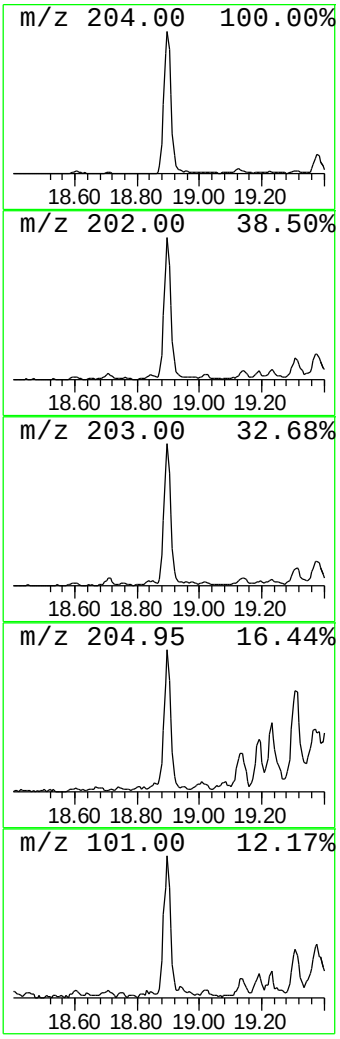
Peak Number 18 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	9.31 ng/ul	444940	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62





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Misc :
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Instrument : BNA_G
ClientSampleId : D9XF9

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Quant Title : SVOA CALIBRATION

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

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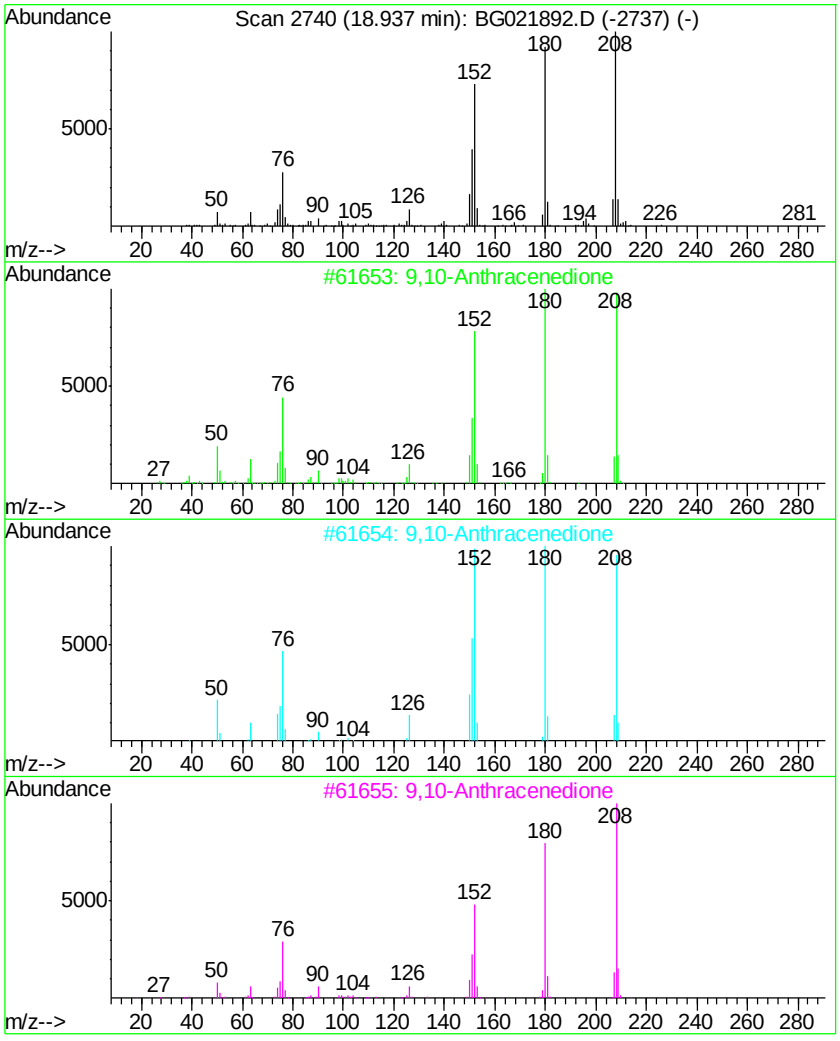
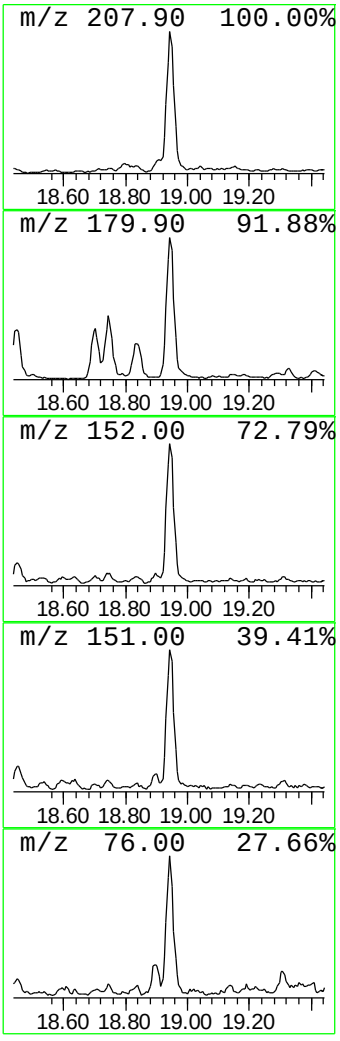
Peak Number 19 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	8.68 ng/ul	414975	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	Anthraquinone-1-carboxylic acid	252	C15H8O4	000602-69-7	64
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





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Sample : H3096-04
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ClientSampleId : D9XF9

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Quant Title : SVOA CALIBRATION

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

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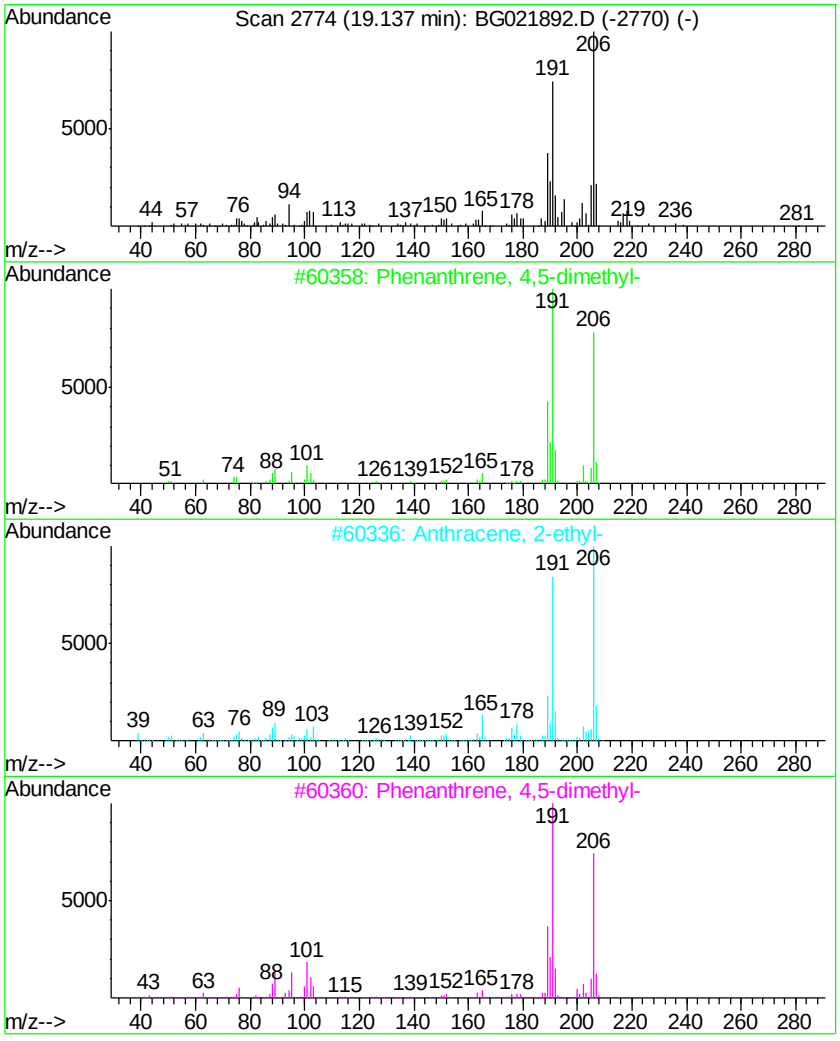
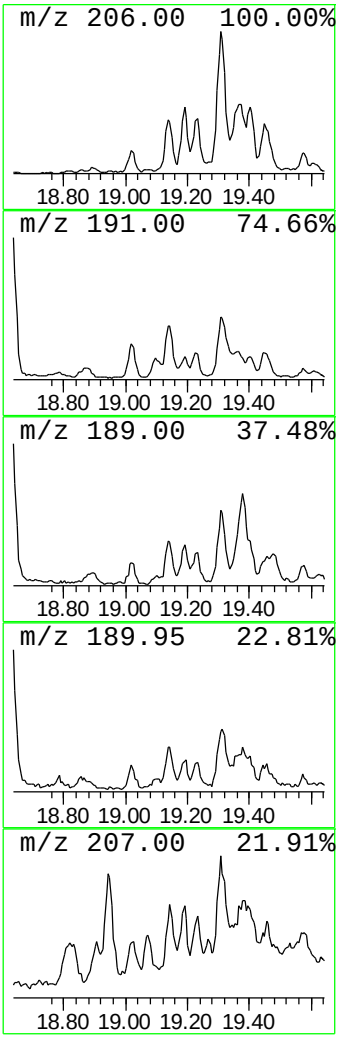
Peak Number 20 Phenanthrene, 4,5-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	2.52 ng/ul	120538	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	83
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	83
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	81





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF9

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Quant Title : SVOA CALIBRATION

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

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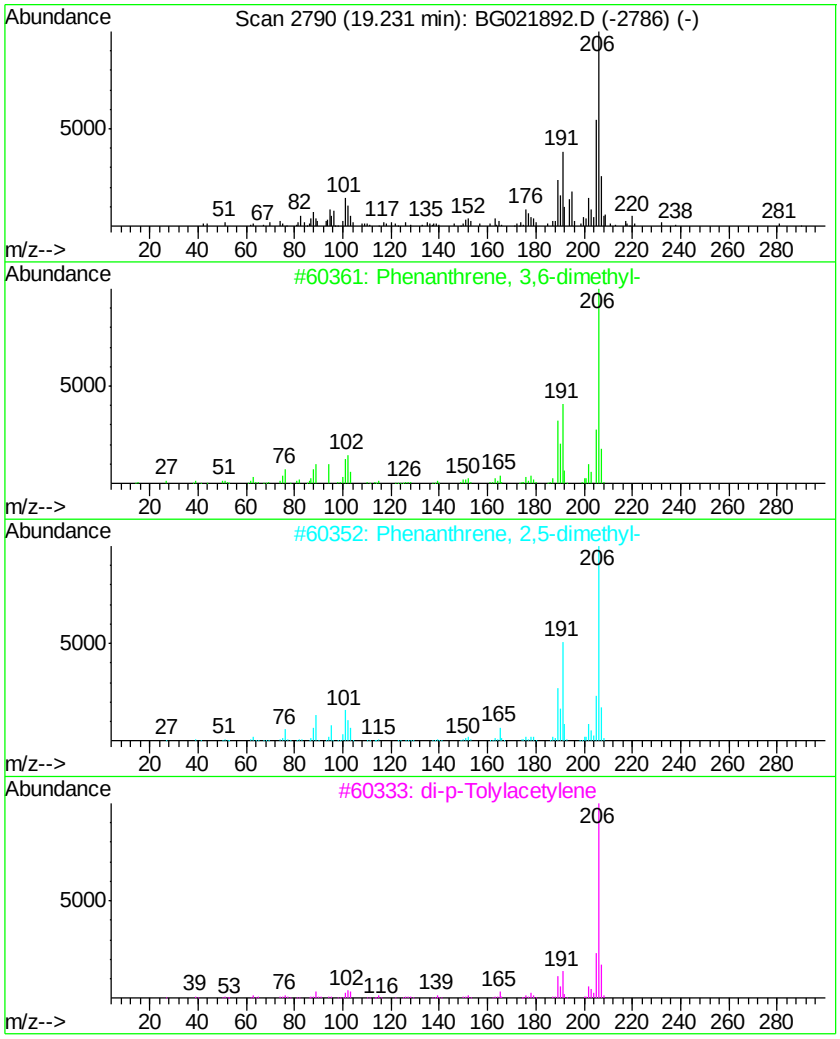
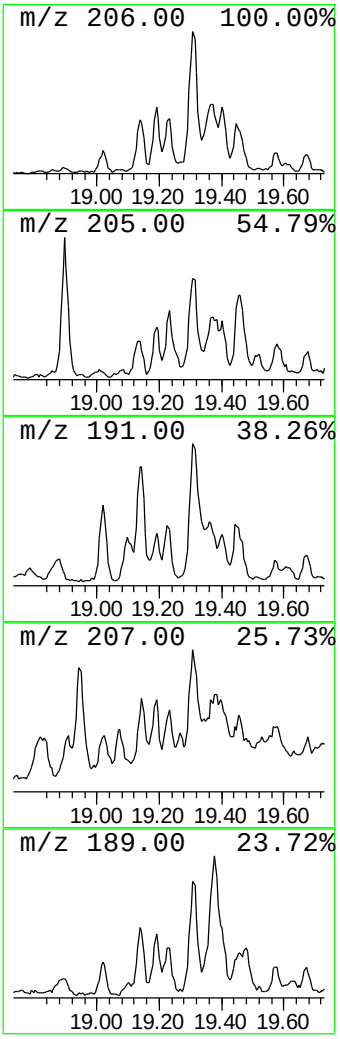
Peak Number 21 Phenanthrene, 3,6-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	2.05 ng/ul	98106	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	76
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	70
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF9

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Quant Title : SVOA CALIBRATION

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

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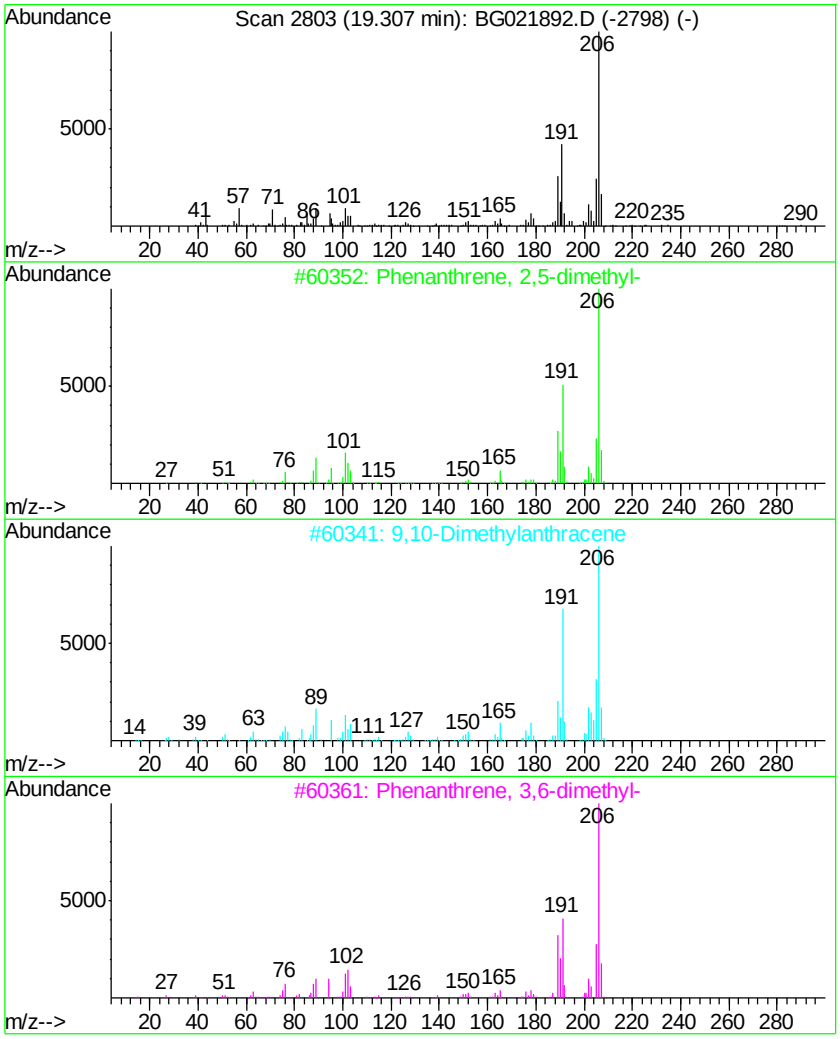
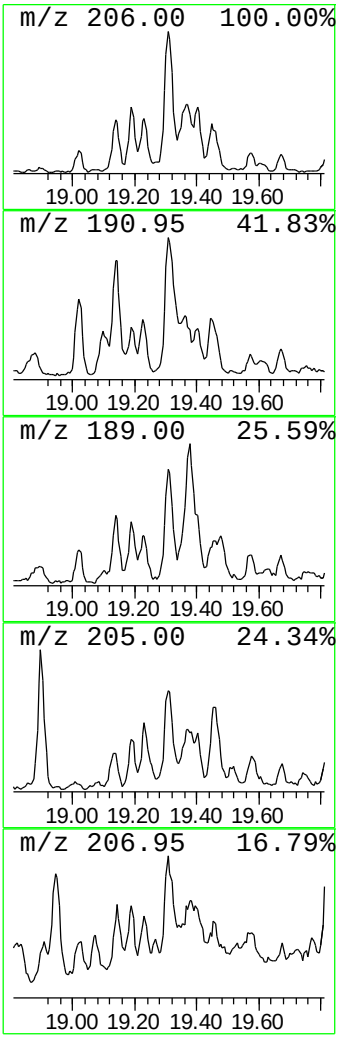
Peak Number 22 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	8.69 ng/ul	415690	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF9

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Quant Title : SVOA CALIBRATION

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

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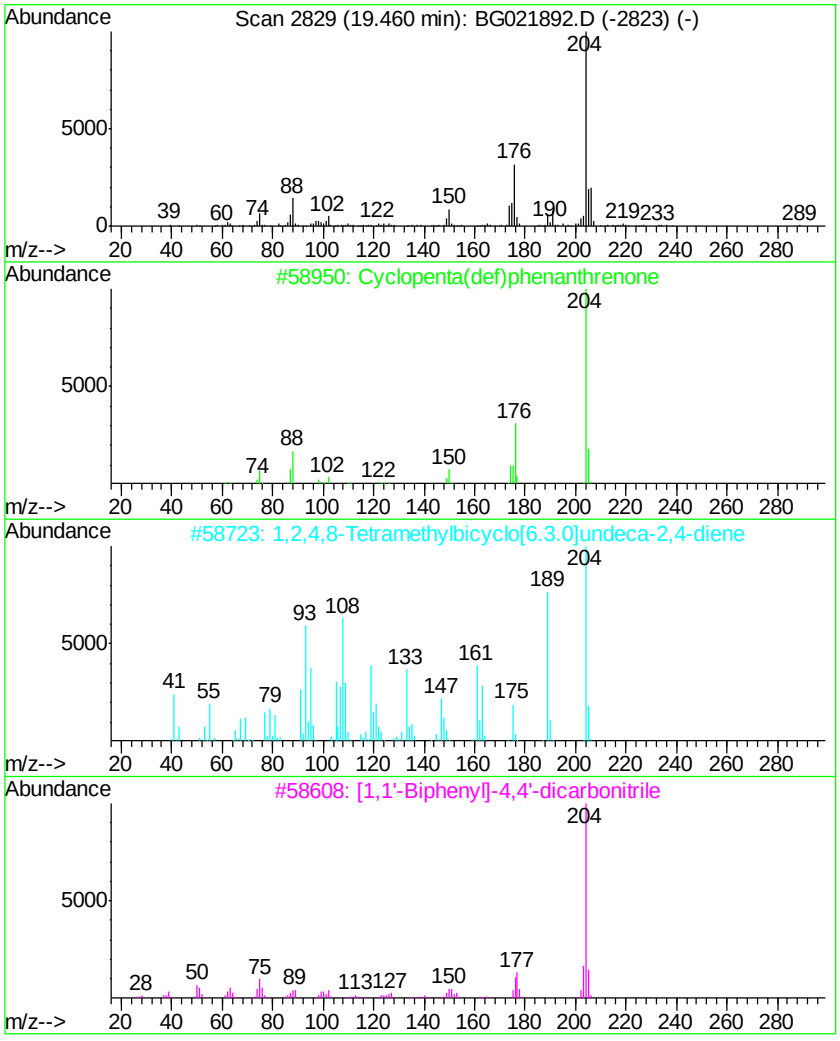
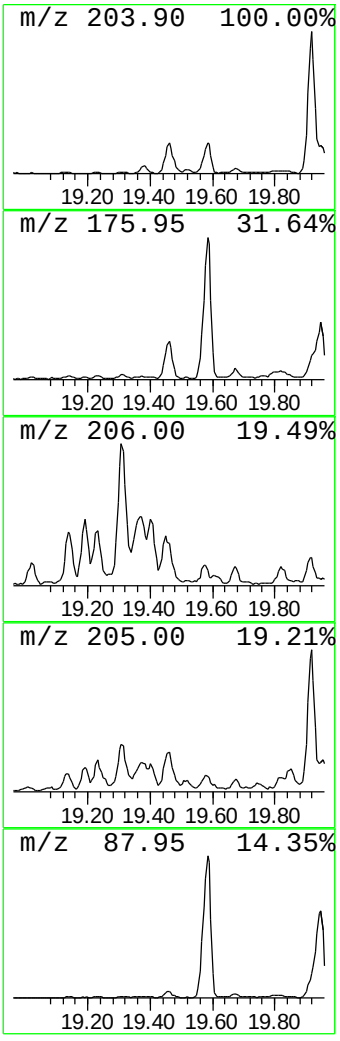
Peak Number 23 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.46	6.66 ng/ul	318210	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4	1,4-Naphthalenedione, 2-hydroxy-...	204	C11H8O4	005257-83-0	50
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	50





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ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId : D9XF9

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Quant Title : SVOA CALIBRATION

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

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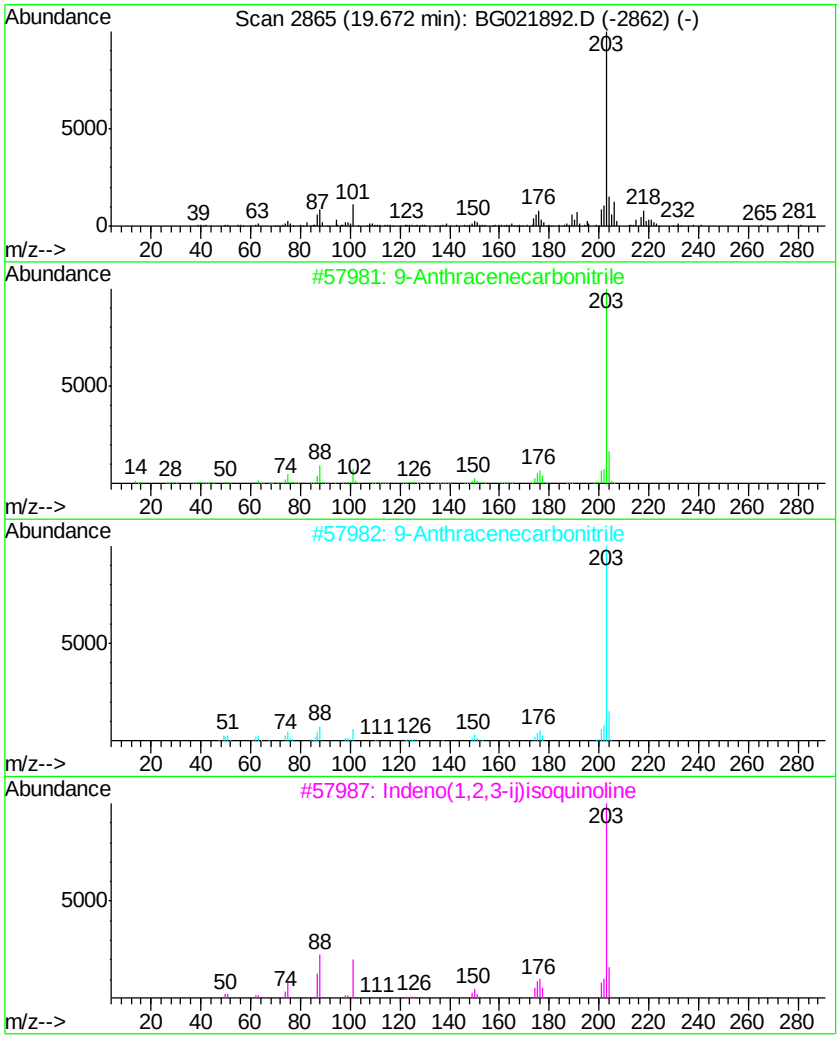
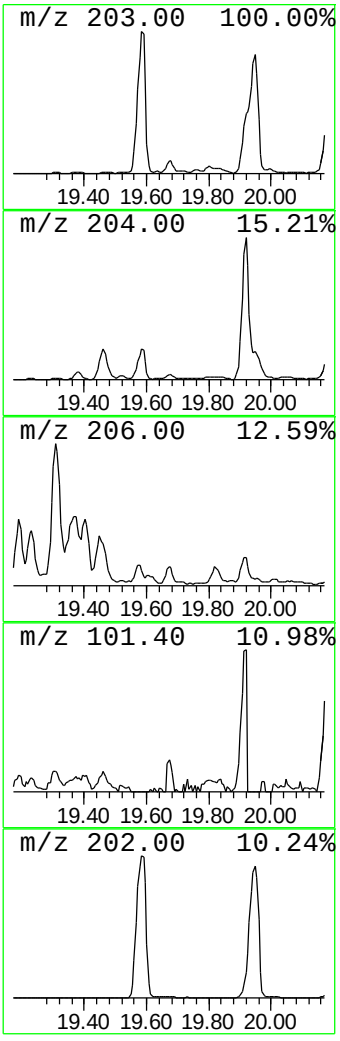
Peak Number 24 9-Anthracenecarbonitrile Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.67	4.71 ng/ul	225231	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	95
2	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	95
3	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	90
4	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	76
5	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	76





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Misc :
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Instrument : BNA_G
ClientSampleId : D9XF9

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Quant Title : SVOA CALIBRATION

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

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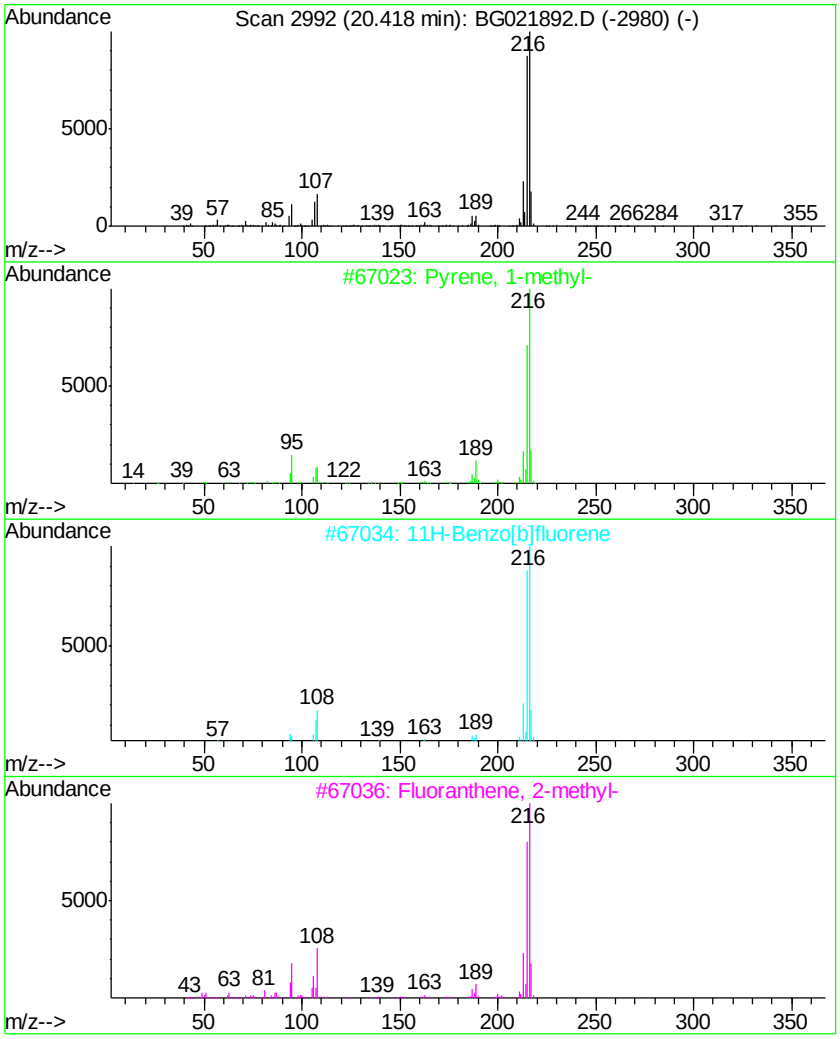
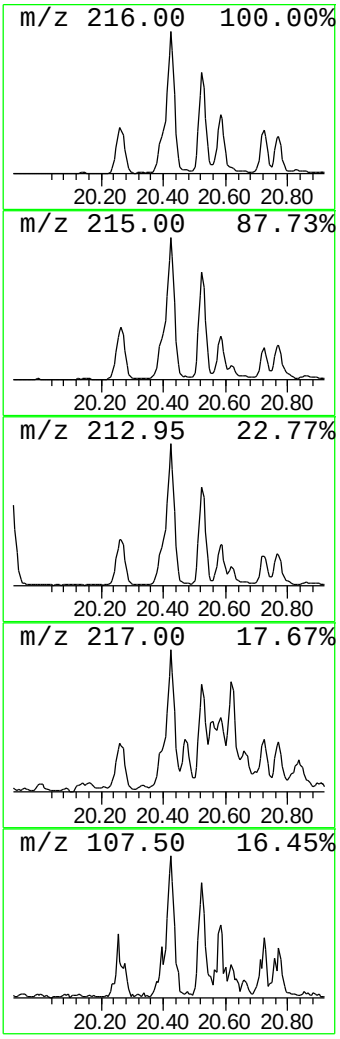
Peak Number 25 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.42	4.35 ng/ul	1837190	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF9

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Quant Title : SVOA CALIBRATION

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

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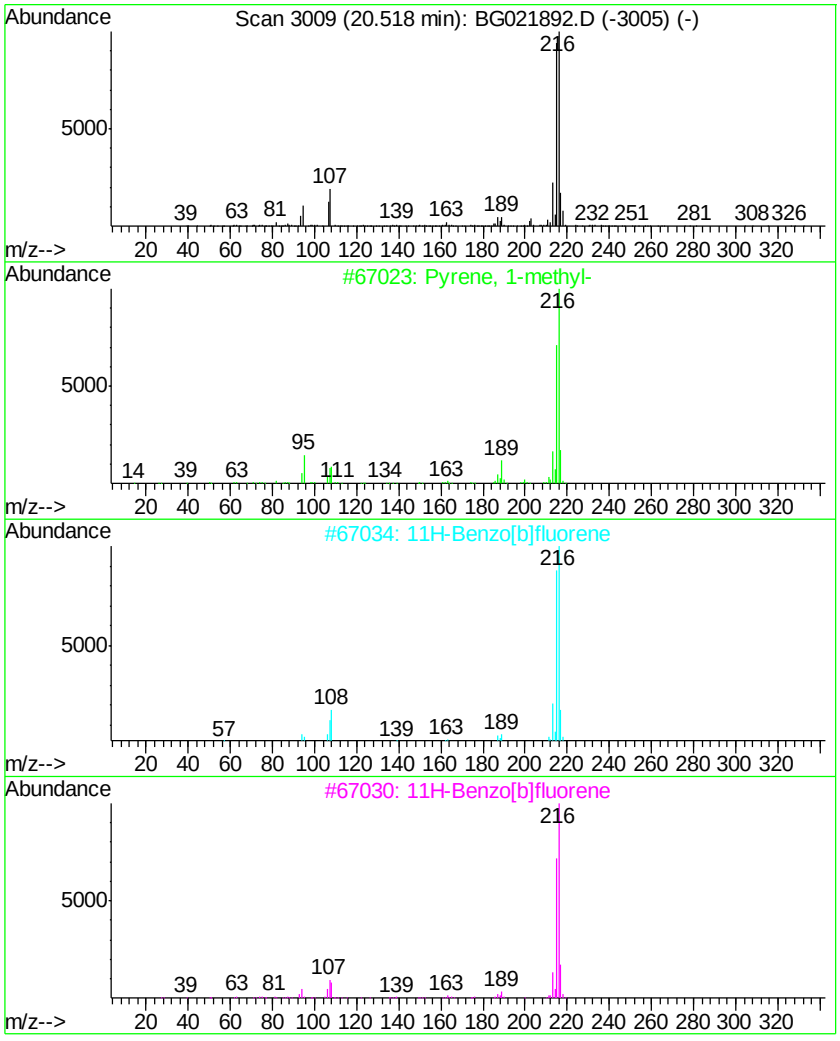
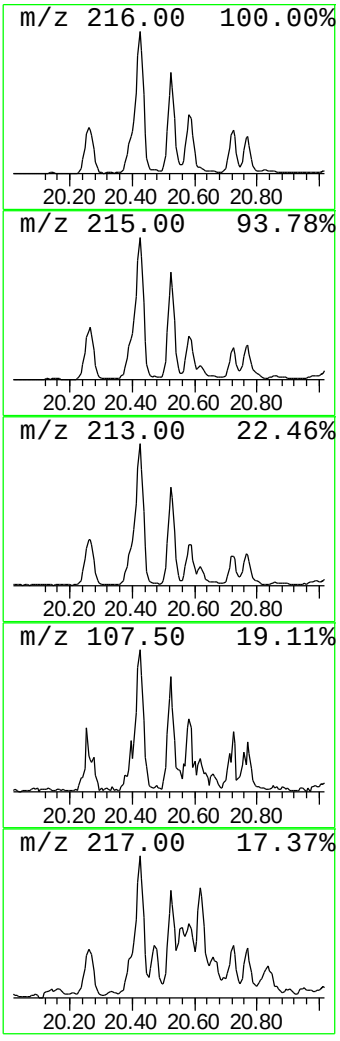
Peak Number 26 11H-Benzo[b]fluorene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.52	2.18 ng/ul	919881	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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ClientSampleId : D9XF9

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Quant Title : SVOA CALIBRATION

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

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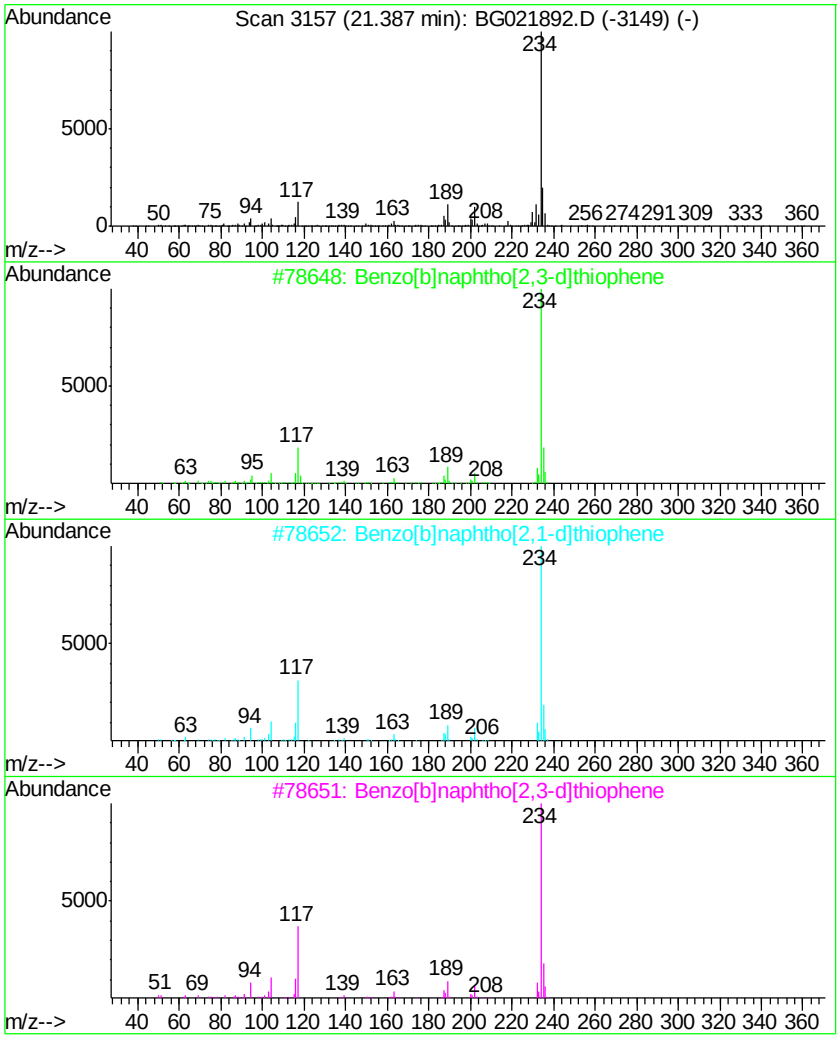
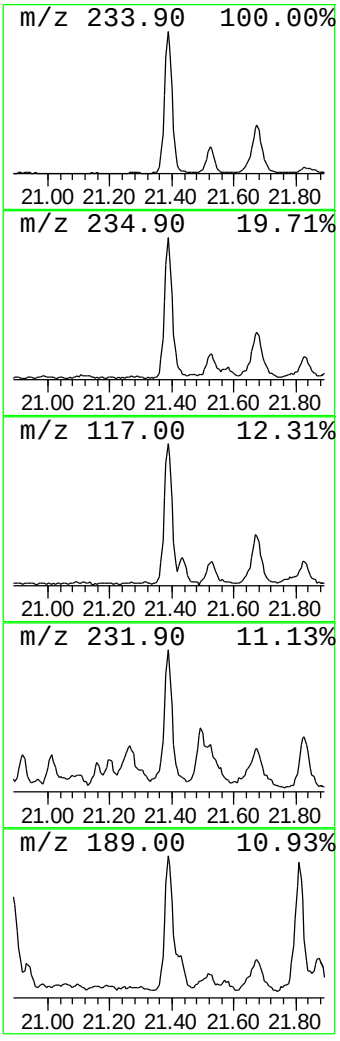
Peak Number 27 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	2.99 ng/ul	1264980	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
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	94





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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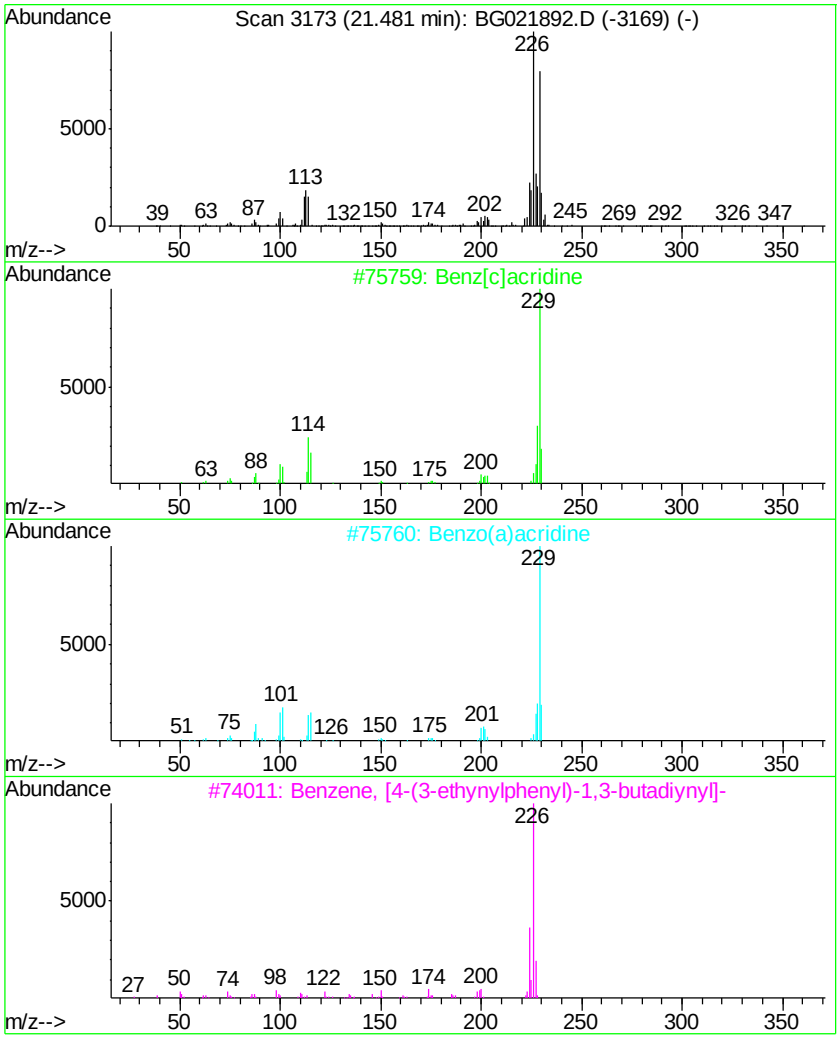
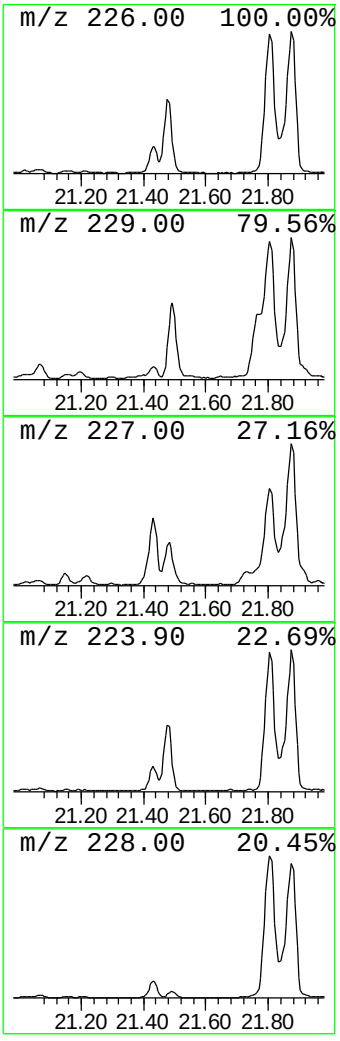
Peak Number 29 unknown-02 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.48	2.76 ng/ul	1168940	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	45
2	Benzo(a)acridine	229	C17H11N	000225-11-6	38
3	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	38
4	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38
5	7-Chloro-2-phenazinamine	229	C12H8ClN3	023677-11-4	27





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF9

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Quant Title : SVOA CALIBRATION

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

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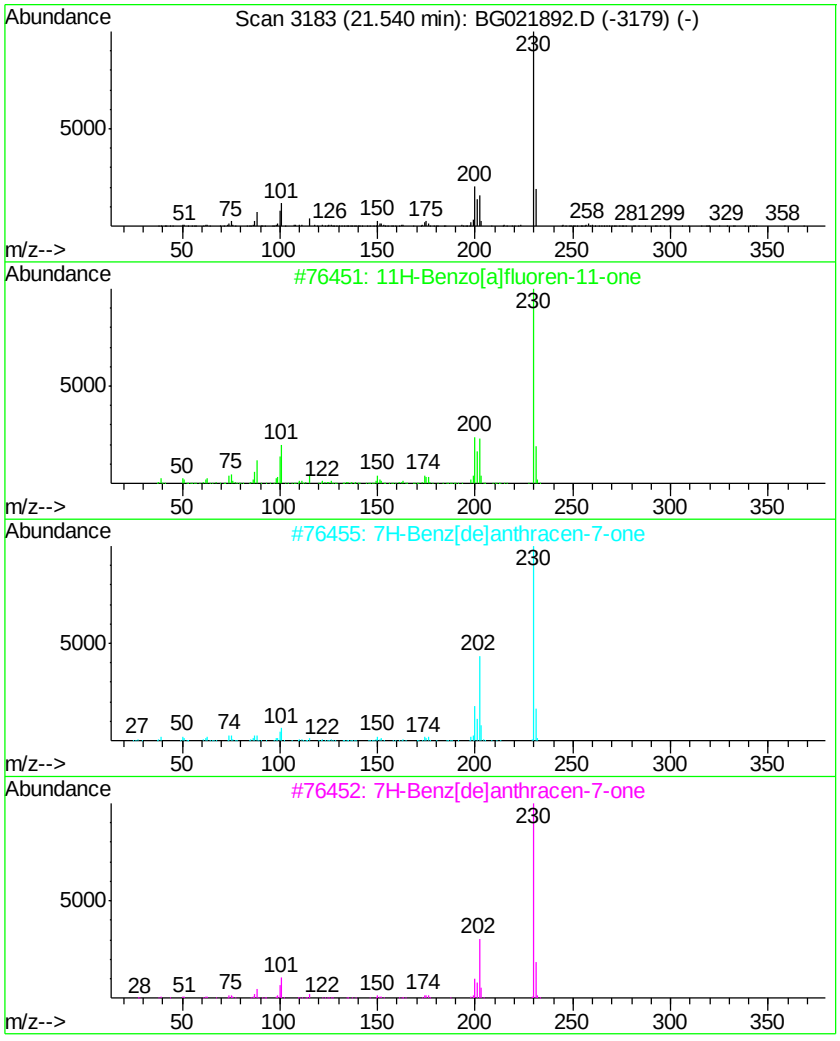
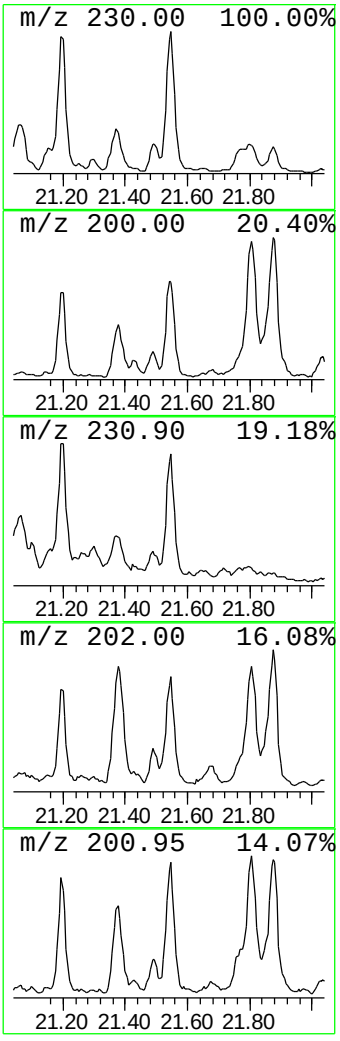
Peak Number 30 11H-Benzo[a]fluoren-11-one Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	2.06 ng/ul	868920	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
5	o-Terphenyl	230	C18H14	000084-15-1	72





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Data File : BG021892.D
Acq On : 15 May 2016 14:14
Operator : UM/SJ
Sample : H3096-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

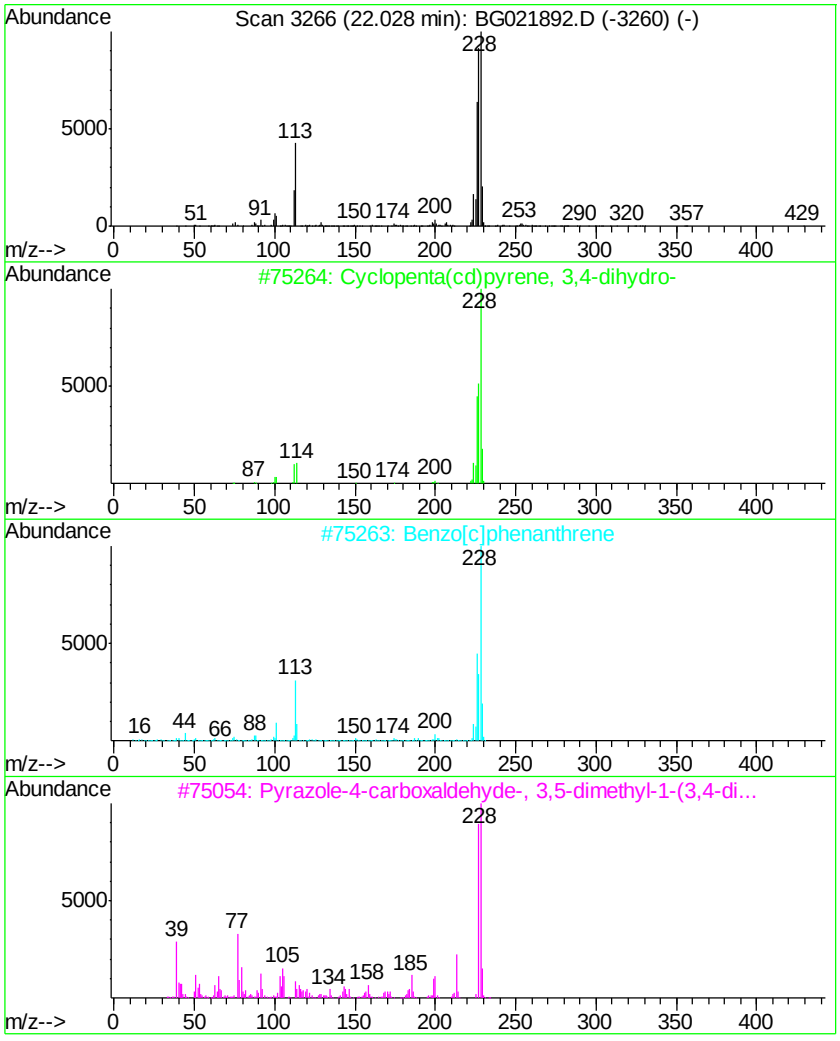
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

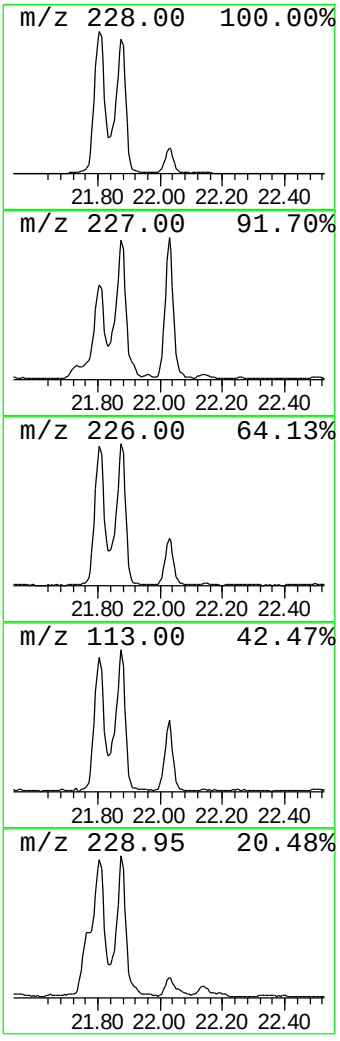
****

Peak Number 31 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.03	2.62 ng/ul	1105680	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	90
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
3	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	47
4	4H-3,1-Benzoxazin-2-imine, 1,4,4...	228	C14H16N2O	1000139-29-1	43
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
Data File : BG021892.D
Acq On : 15 May 2016 14:14
Operator : UM/SJ
Sample : H3096-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

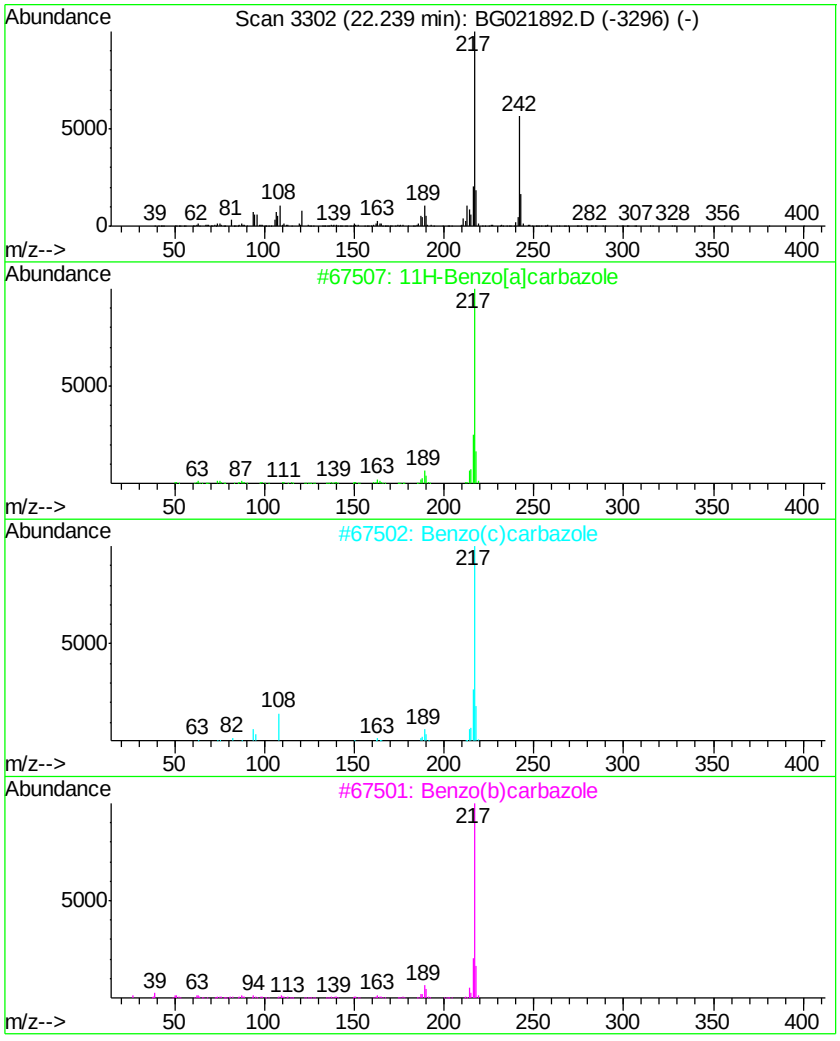
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

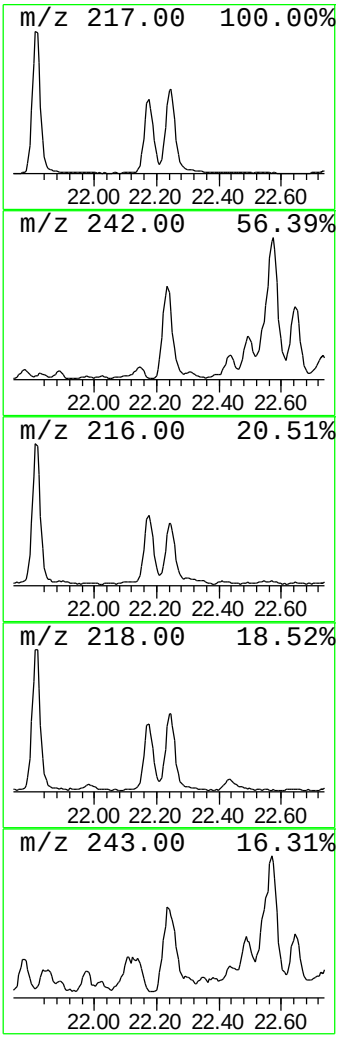
****

Peak Number 32 11H-Benzo[a]carbazole Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	2.26 ng/ul	955929	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	93
2	Benzo(c)carbazole	217	C16H11N	034777-33-8	91
3	Benzo(b)carbazole	217	C16H11N	000243-28-7	64
4	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	64
5	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
Data File : BG021892.D
Acq On : 15 May 2016 14:14
Operator : UM/SJ
Sample : H3096-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.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
6H-Dibenzo[b,d]-p...	16.12	3.0	ng/ul	130810	3	14.79	858504	20.0
2,4,6-Cycloheptat...	16.27	3.3	ng/ul	156128	4	17.53	956287	20.0
unknown-01	16.50	6.4	ng/ul	305325	4	17.53	956287	20.0
4a,9a-Methano-9H-...	16.81	2.3	ng/ul	110747	4	17.53	956287	20.0
9H-Fluorene, 1-me...	16.83	2.6	ng/ul	122894	4	17.53	956287	20.0
Benzene, 1,1'-met...	17.06	2.1	ng/ul	102259	4	17.53	956287	20.0
Anthracene, 1,2,3...	17.27	5.0	ng/ul	241317	4	17.53	956287	20.0
Dibenzothiophene	17.35	7.5	ng/ul	357535	4	17.53	956287	20.0
Acridine	17.73	6.5	ng/ul	309376	4	17.53	956287	20.0
Anthracene, 9-eth...	18.05	2.6	ng/ul	126574	4	17.53	956287	20.0
Benzenamine, 4,4'...	18.11	2.4	ng/ul	112529	4	17.53	956287	20.0
Phenanthrene, 2-m...	18.40	12.8	ng/ul	610277	4	17.53	956287	20.0
Phenanthrene, 1-m...	18.46	17.4	ng/ul	830877	4	17.53	956287	20.0
4H-Cyclopenta[def...	18.60	33.1	ng/ul	1581580	4	17.53	956287	20.0
3-Methylcarbazole	18.70	3.1	ng/ul	146435	4	17.53	956287	20.0
9H-Carbazole, 2-m...	18.74	2.5	ng/ul	117633	4	17.53	956287	20.0
Naphthalene, 2-ph...	18.90	9.3	ng/ul	444940	4	17.53	956287	20.0
9,10-Anthracenedione	18.94	8.7	ng/ul	414975	4	17.53	956287	20.0
Phenanthrene, 4,5...	19.14	2.5	ng/ul	120538	4	17.53	956287	20.0
Phenanthrene, 3,6...	19.23	2.0	ng/ul	98106	4	17.53	956287	20.0
Phenanthrene, 2,5...	19.31	8.7	ng/ul	415690	4	17.53	956287	20.0
Cyclopenta(def)ph...	19.46	6.7	ng/ul	318210	4	17.53	956287	20.0
9-Anthracenecarbo...	19.67	4.7	ng/ul	225231	4	17.53	956287	20.0
Pyrene, 1-methyl-	20.42	4.3	ng/ul	1837190	5	21.83	8455450	20.0
11H-Benzo[b]fluorene	20.52	2.2	ng/ul	919881	5	21.83	8455450	20.0
Benzo[b]naphtho[2...	21.39	3.0	ng/ul	1264980	5	21.83	8455450	20.0
unknown-02	21.48	2.8	ng/ul	1168940	5	21.83	8455450	20.0
11H-Benzo[a]fluor...	21.54	2.1	ng/ul	868920	5	21.83	8455450	20.0
Cyclopenta(cd)pyr...	22.03	2.6	ng/ul	1105680	5	21.83	8455450	20.0
11H-Benzo[a]carba...	22.24	2.3	ng/ul	955929	5	21.83	8455450	20.0