LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042024.D
Acq On : 7 Aug 2019 10:30
Operator : HP/JU
Sample : K4028-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENY8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.146	5	10	29	rVB	1666636	2656402	90.75%	6.300%
2	3.411	52	55	60	rVB2	9063	13148	0.45%	0.031%
3	3.939	141	145	151	rVB	12742	17455	0.60%	0.041%
4	4.075	163	168	172	rBV3	9379	15797	0.54%	0.037%
5	7.177	689	696	713	rBV	179239	341249	11.66%	0.809%
6	7.341	718	724	737	rBV	130297	227198	7.76%	0.539%
7	7.553	753	760	772	rBV	190880	345787	11.81%	0.820%
8	8.029	831	841	849	rBV	222229	398954	13.63%	0.946%
9	8.734	954	961	971	rBV	225709	427587	14.61%	1.014%
10	9.192	1030	1039	1049	rBV	173589	325296	11.11%	0.772%
11	9.921	1156	1163	1173	rBV	153374	289336	9.88%	0.686%
12	10.467	1248	1256	1268	rBV	269395	514526	17.58%	1.220%
13	10.849	1311	1321	1328	rBV	349279	622761	21.28%	1.477%
14	10.978	1337	1343	1363	rVB	161790	339602	11.60%	0.805%
15	12.512	1599	1604	1614	rVB4	6846	14221	0.49%	0.034%
16	12.729	1636	1641	1647	rBV2	5567	9389	0.32%	0.022%
17	13.293	1732	1737	1744	rBV3	6372	9550	0.33%	0.023%
18	13.516	1770	1775	1781	rVB4	5051	9011	0.31%	0.021%
19	14.010	1853	1859	1864	rBV5	9316	18032	0.62%	0.043%
20	14.086	1864	1872	1876	rVV	548344	808759	27.63%	1.918%
21	14.133	1876	1880	1892	rVB	262781	400900	13.70%	0.951%
22	14.380	1915	1922	1937	rVB	635619	1057561	36.13%	2.508%
23	14.686	1965	1974	1981	rBV	635378	982033	33.55%	2.329%
24	14.750	1981	1985	1993	rVB2	31960	50155	1.71%	0.119%
25	14.868	1999	2005	2020	rBV	139225	285182	9.74%	0.676%
26	15.091	2037	2043	2050	rVB3	33222	57269	1.96%	0.136%
27	15.162	2050	2055	2060	rVB2	7547	11770	0.40%	0.028%
28	15.308	2072	2080	2084	rBV7	5838	13325	0.46%	0.032%
29	15.485	2105	2110	2115	rVV4	13174	25629	0.88%	0.061%
30	15.679	2135	2143	2149	rBV	848556	1319997	45.10%	3.131%
31	15.731	2149	2152	2157	rVV	44502	67439	2.30%	0.160%
32	15.790	2157	2162	2172	rVV	186272	308965	10.56%	0.733%
33	15.861	2172	2174	2177	rVV3	8299	9547	0.33%	0.023%
34	15.914	2177	2183	2186	rVV6	11299	22722	0.78%	0.054%

LSC Area Percent Report

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Acq On : 7 Aug 2019 10:30
Operator : HP/JU
Sample : K4028-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENY8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

35	16.031	2197	2203	2209	rVB	15761	24475	0.84%	0.058%
36	16.178	2221	2228	2235	rVB2	14306	34898	1.19%	0.083%
37	16.249	2235	2240	2241	rBV5	6619	9397	0.32%	0.022%
38	16.407	2262	2267	2273	rVV6	23671	44411	1.52%	0.105%
39	16.466	2274	2277	2282	rVB3	7404	9183	0.31%	0.022%
40	16.742	2317	2324	2328	rVV7	17128	32376	1.11%	0.077%
41	16.789	2328	2332	2337	rVB5	11926	19379	0.66%	0.046%
42	16.836	2337	2340	2345	rBV7	13061	13250	0.45%	0.031%
43	16.895	2347	2350	2356	rVB7	8993	15880	0.54%	0.038%
44	16.971	2356	2363	2367	rBV5	14606	33937	1.16%	0.080%
45	17.006	2367	2369	2373	rVV2	9668	9507	0.32%	0.023%
46	17.089	2378	2383	2392	rVB2	29396	50785	1.74%	0.120%
47	17.194	2392	2401	2405	rBV7	21243	56052	1.91%	0.133%
48	17.253	2407	2411	2418	rVV	34035	59565	2.03%	0.141%
49	17.347	2421	2427	2431	rBV7	15878	30816	1.05%	0.073%
50	17.441	2436	2443	2446	rBV2	735520	1170493	39.99%	2.776%
51	17.482	2446	2450	2454	rVV	640457	950399	32.47%	2.254%
52	17.535	2454	2459	2470	rVB	900647	1539316	52.59%	3.651%
53	17.629	2470	2475	2481	rBV3	30674	61456	2.10%	0.146%
54	17.717	2487	2490	2493	rBV4	11057	16723	0.57%	0.040%
55	17.841	2501	2511	2515	rBV2	71400	142135	4.86%	0.337%
56	17.958	2525	2531	2536	rVB3	18979	33136	1.13%	0.079%
57	18.023	2538	2542	2547	rBV	27283	38891	1.33%	0.092%
58	18.164	2562	2566	2570	rVB2	14269	22273	0.76%	0.053%
59	18.328	2588	2594	2597	rBV2	155303	315909	10.79%	0.749%
60	18.364	2597	2600	2609	rVV2	174632	281754	9.63%	0.668%
61	18.446	2610	2614	2619	rVV	47369	77826	2.66%	0.185%
62	18.511	2619	2625	2629	rVV3	205431	389290	13.30%	0.923%
63	18.546	2629	2631	2638	rVB	92284	126930	4.34%	0.301%
64	18.816	2672	2677	2679	rBV	92610	132749	4.54%	0.315%
65	18.851	2679	2683	2690	rVB2	138007	211229	7.22%	0.501%
66	19.057	2715	2718	2723	rVB2	40762	54687	1.87%	0.130%
67	19.110	2724	2727	2730	rVV	38473	46723	1.60%	0.111%
68	19.145	2731	2733	2737	rVB	35443	40229	1.37%	0.095%
69	19.233	2743	2748	2751	rBV2	98776	173945	5.94%	0.413%
70	19.368	2767	2771	2778	rBV	96126	160905	5.50%	0.382%
71	19.492	2787	2792	2798	rVB	1666538	2434658	83.18%	5.774%

LSC Area Percent Report

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Acq On : 7 Aug 2019 10:30
Operator : HP/JU
Sample : K4028-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENY8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

72	19.592	2806	2809	2813	rBV5	45289	59984	2.05%	0.142%
73	19.686	2822	2825	2828	rBV3	28977	39125	1.34%	0.093%
74	19.827	2843	2849	2851	rBV2	1412619	2085386	71.24%	4.946%
75	19.856	2851	2854	2861	rVV	1571923	2175143	74.31%	5.159%
76	19.927	2862	2866	2872	rVB3	77459	140682	4.81%	0.334%
77	20.032	2880	2884	2888	rBV	63038	96124	3.28%	0.228%
78	20.091	2890	2894	2902	rVB	90431	145778	4.98%	0.346%
79	20.185	2903	2910	2914	rBV4	128729	321384	10.98%	0.762%
80	20.344	2928	2937	2942	rVB	275928	522629	17.86%	1.240%
81	20.444	2950	2954	2958	rBV	187593	240699	8.22%	0.571%
82	20.502	2960	2964	2968	rVB2	164747	235538	8.05%	0.559%
83	20.643	2985	2988	2991	rBV	110851	121975	4.17%	0.289%
84	20.690	2993	2996	3000	rVB	107675	130215	4.45%	0.309%
85	21.108	3064	3067	3074	rVB	164457	262634	8.97%	0.623%
86	21.337	3103	3106	3109	rBV	106119	147182	5.03%	0.349%
87	21.442	3120	3124	3137	rVB2	179946	384434	13.13%	0.912%
88	21.578	3144	3147	3149	rBV	82395	110037	3.76%	0.261%
89	21.613	3150	3153	3157	rVB	160175	223160	7.62%	0.529%
90	21.713	3163	3170	3176	rBV3	1057277	2927064	100.00%	6.942%
91	21.766	3176	3179	3193	rVB	859409	1473604	50.34%	3.495%
92	21.924	3202	3206	3212	rBV2	147810	266104	9.09%	0.631%
93	22.124	3237	3240	3248	rVB	106868	206750	7.06%	0.490%
94	22.741	3341	3345	3348	rBV3	74066	119371	4.08%	0.283%
95	23.957	3544	3552	3559	rBV	665032	2106933	71.98%	4.997%
96	24.692	3669	3677	3683	rBV2	360407	1033596	35.31%	2.451%
97	24.768	3684	3690	3696	rVV	582793	1599277	54.64%	3.793%
98	24.838	3696	3702	3713	rVB	563117	1498327	51.19%	3.554%
99	24.991	3720	3728	3735	rBV	465159	1269392	43.37%	3.011%
100	28.722	4353	4363	4386	rVB2	264738	1337626	45.70%	3.173%

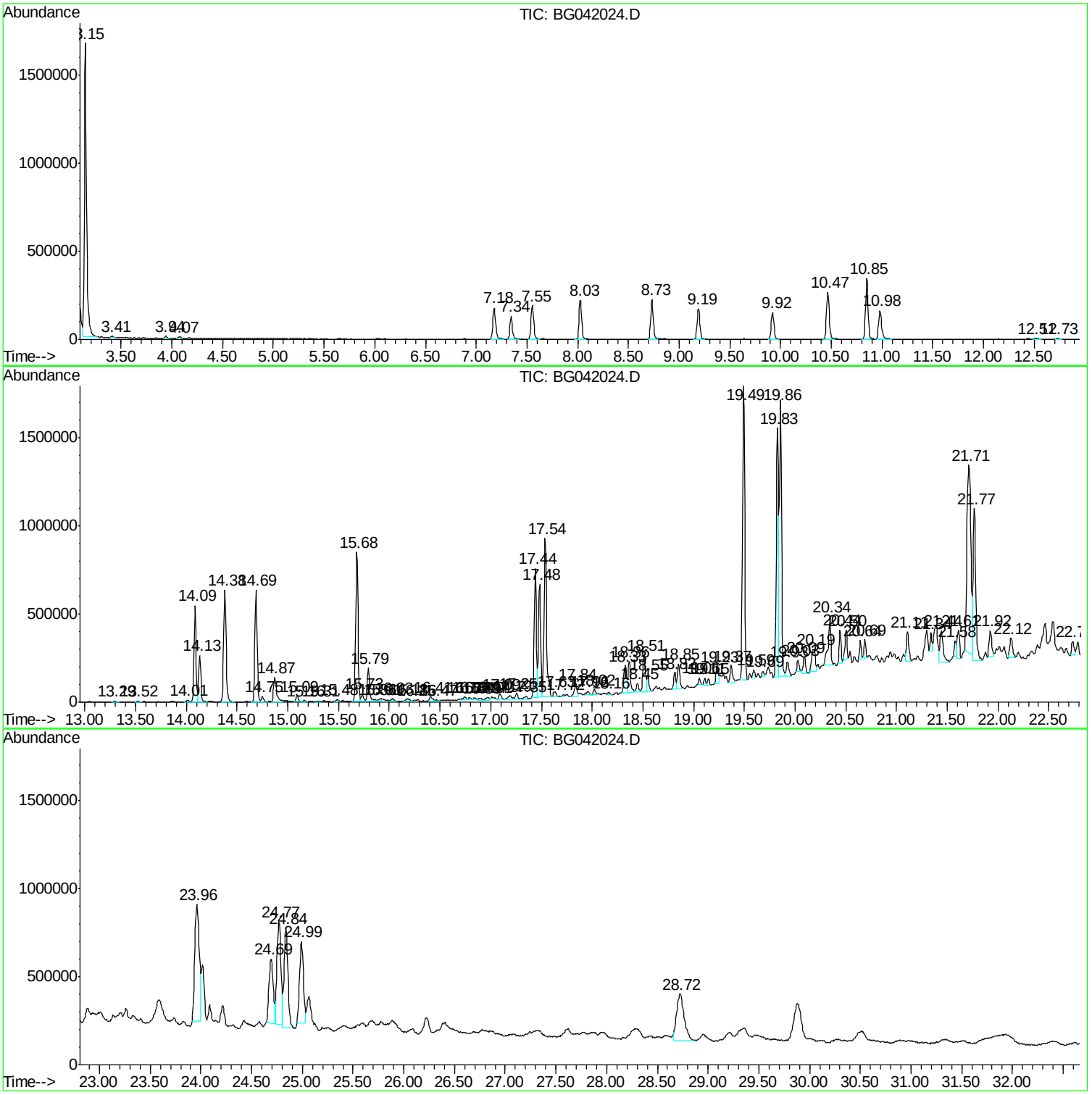
Sum of corrected areas: 42162274

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042024.D
Acq On : 7 Aug 2019 10:30
Operator : HP/JU
Sample : K4028-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENY8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042024.D
Acq On : 7 Aug 2019 10:30
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Misc :
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Instrument : BNA_G
ClientSampleId : BENY8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

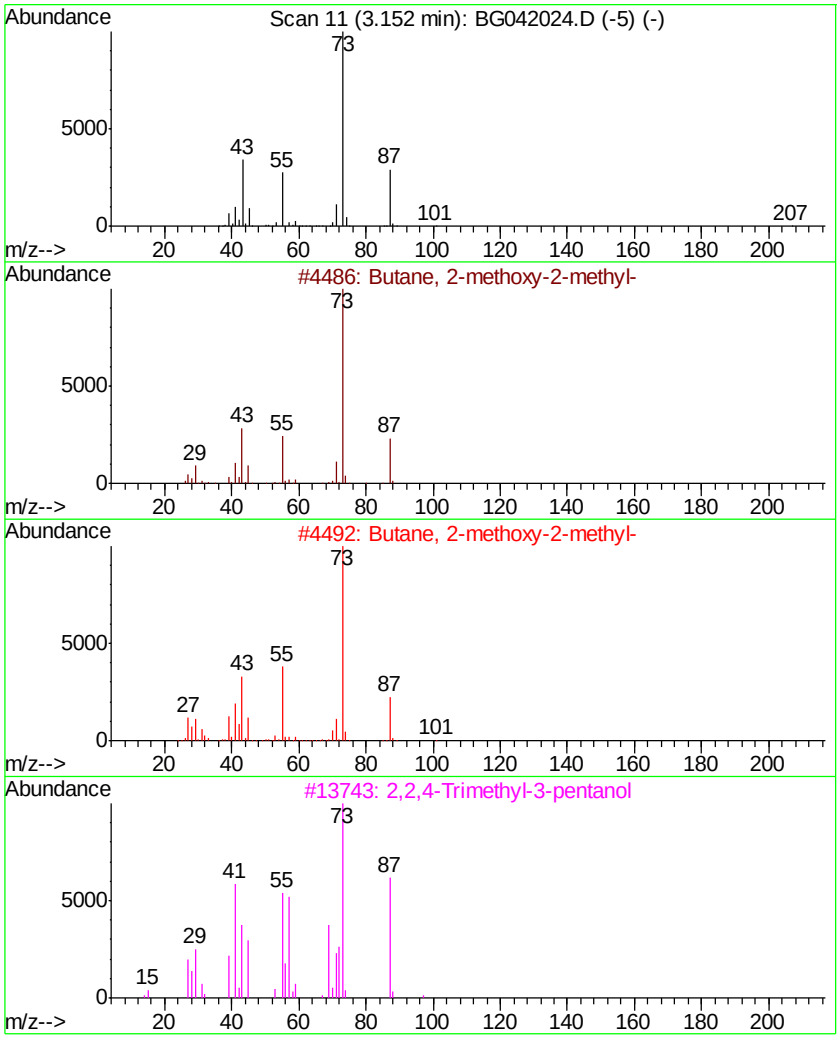
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

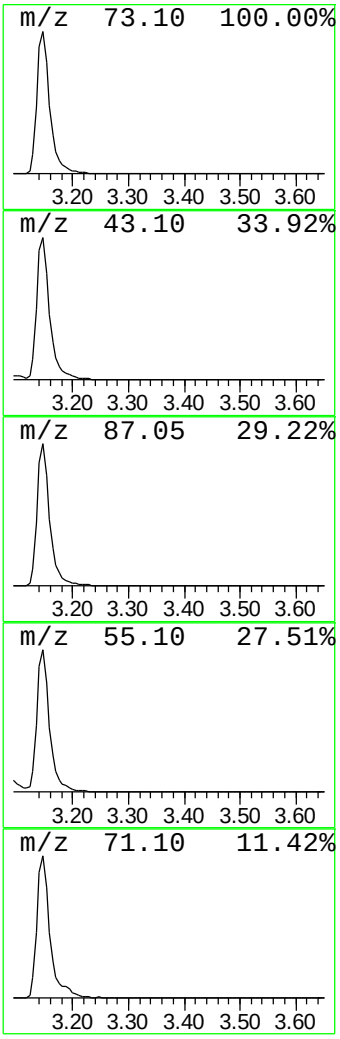
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	133.17 ng/ul	2656400	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042024.D
Acq On : 7 Aug 2019 10:30
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Sample : K4028-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENY8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

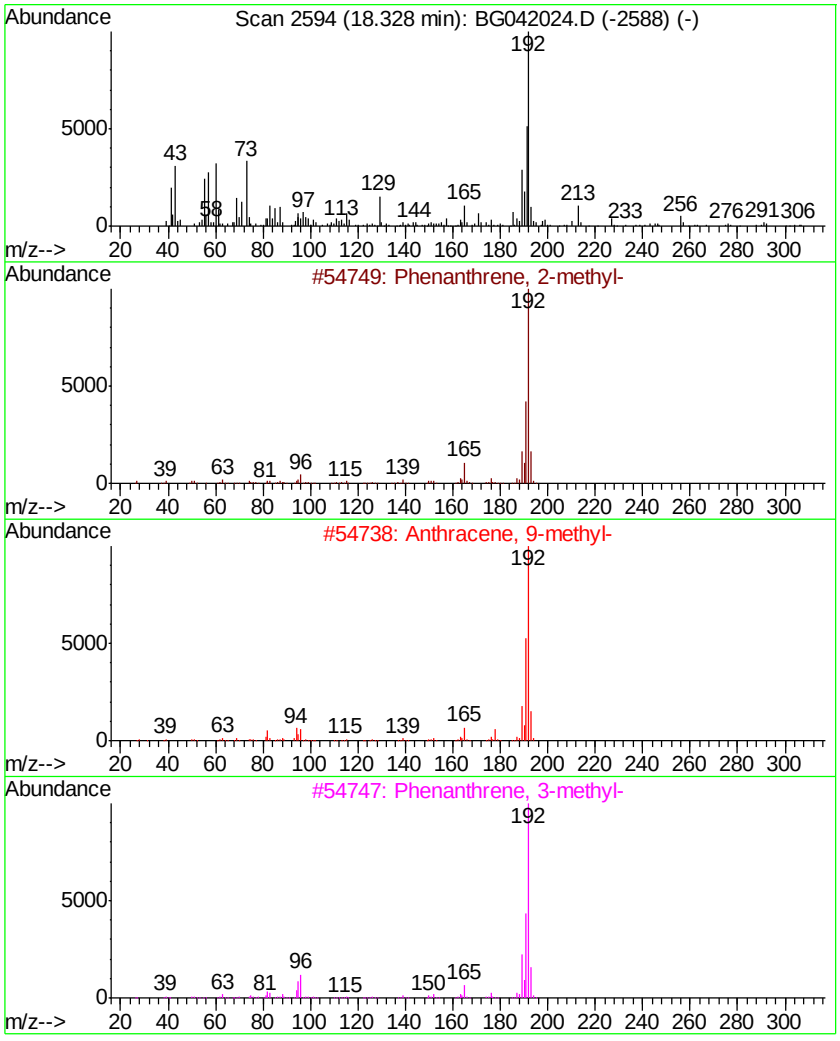
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

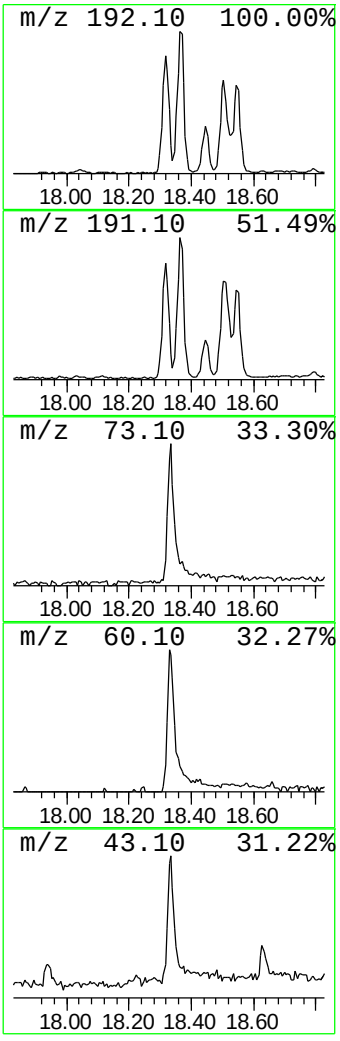
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	5.40 ng/ul	315909	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	78
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	60
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	58
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	55





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENY8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

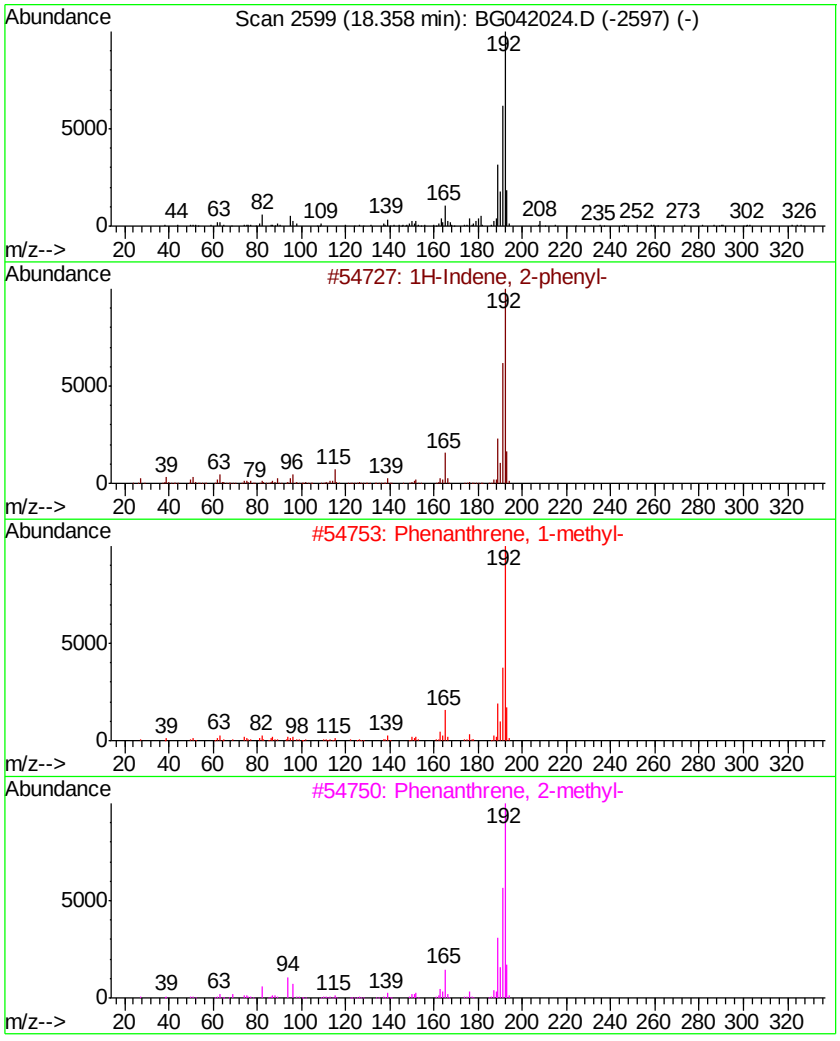
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

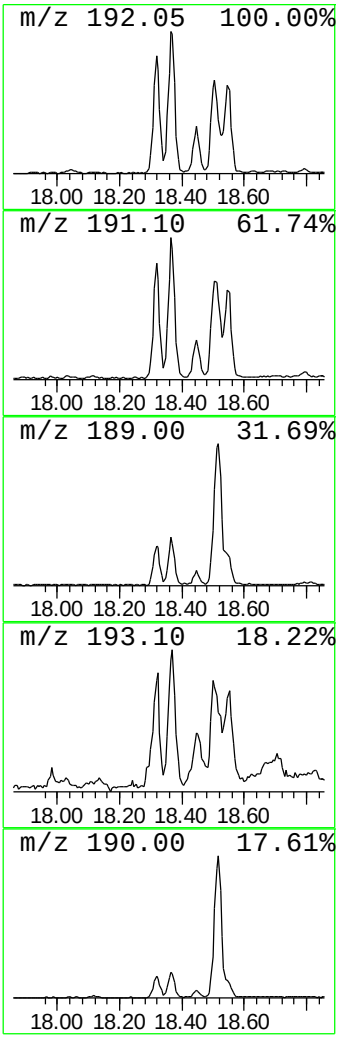
****

Peak Number 3 1H-Indene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	4.81 ng/ul	281754	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Data File : BG042024.D
Acq On : 7 Aug 2019 10:30
Operator : HP/JU
Sample : K4028-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENY8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

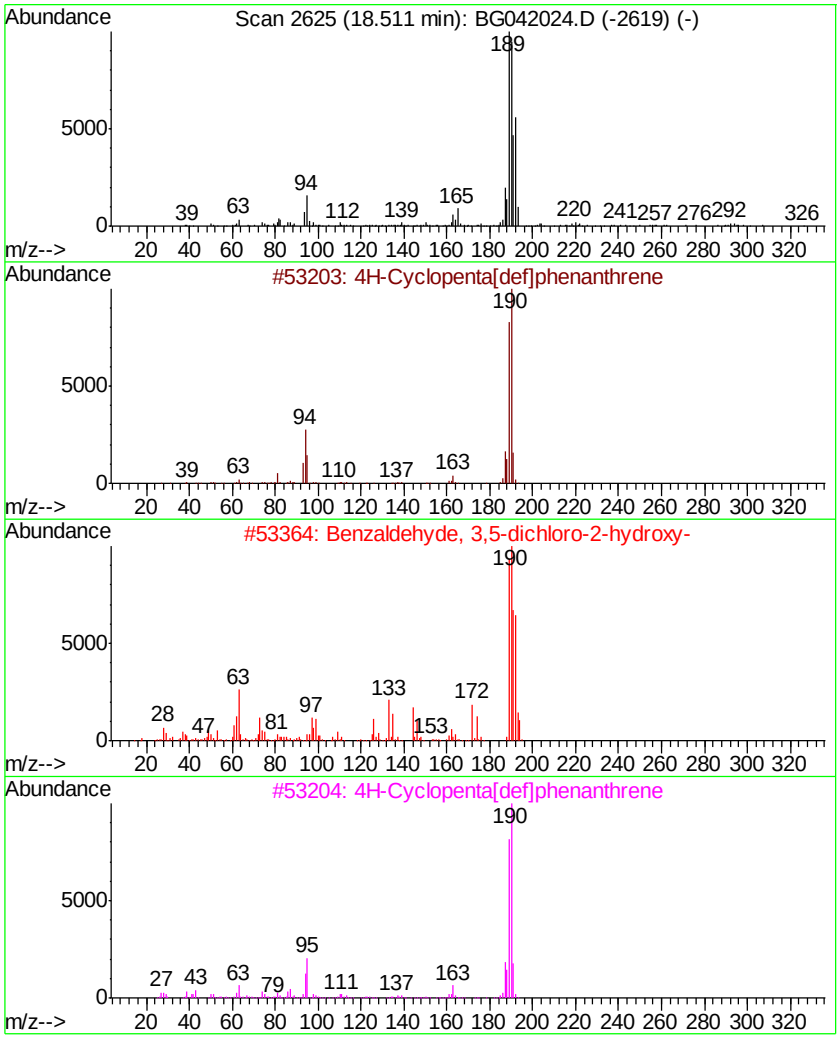
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

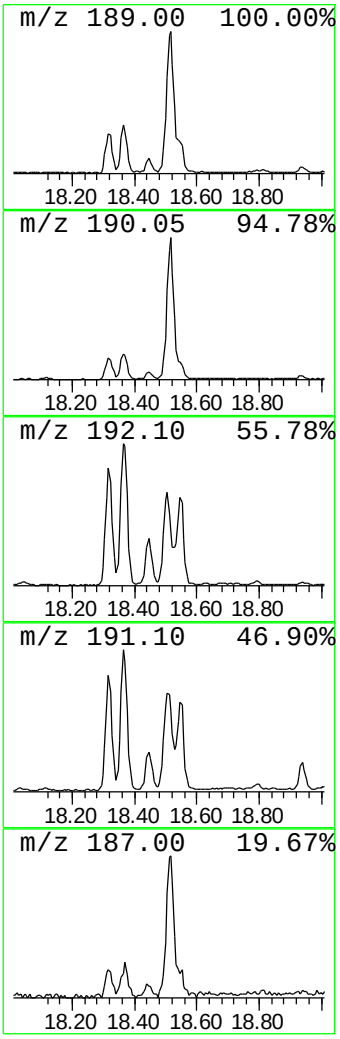
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	6.65 ng/ul	389290	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042024.D
Acq On : 7 Aug 2019 10:30
Operator : HP/JU
Sample : K4028-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENY8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

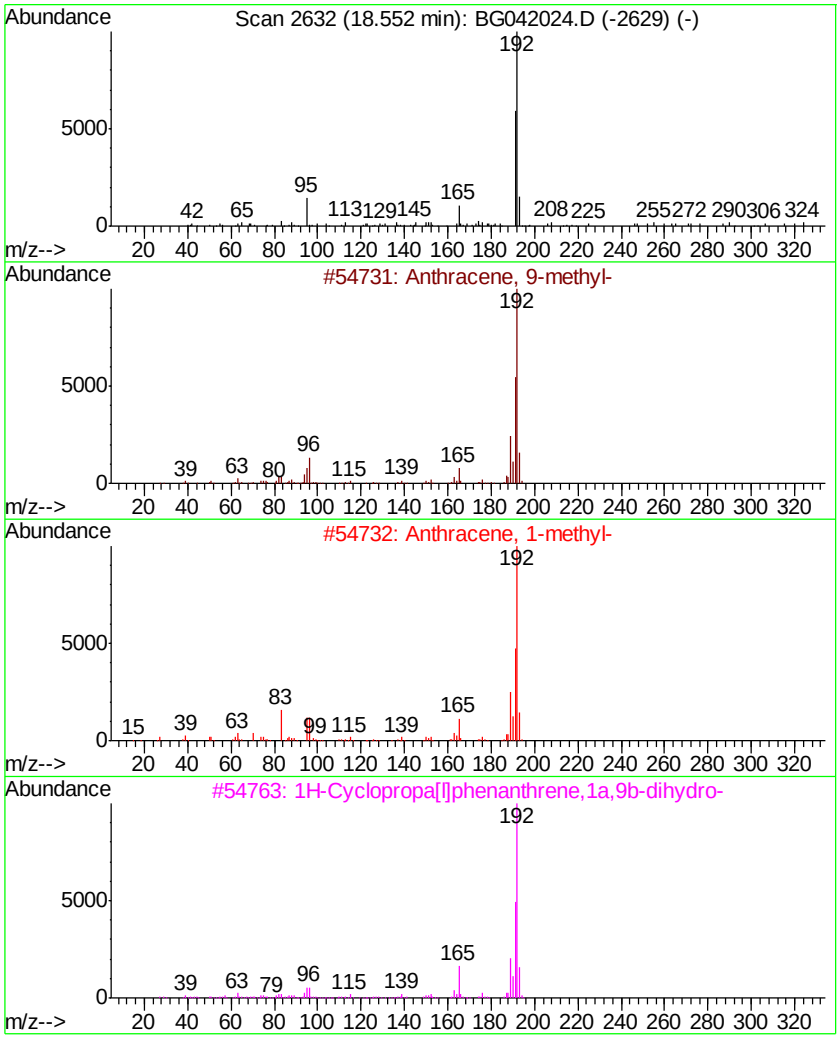
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

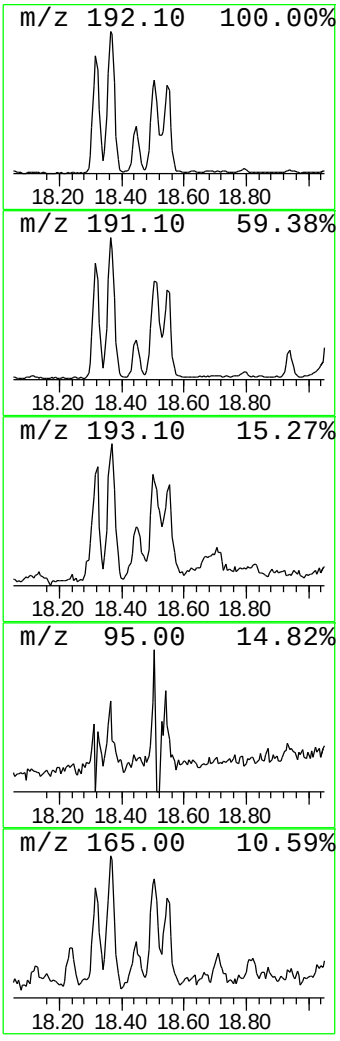
****

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	2.17 ng/ul	126930	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	72
4	3,4-Methylenedioxycinnamic acid	192	C10H8O4	002373-80-0	72
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	72





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Data File : BG042024.D
Acq On : 7 Aug 2019 10:30
Operator : HP/JU
Sample : K4028-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENY8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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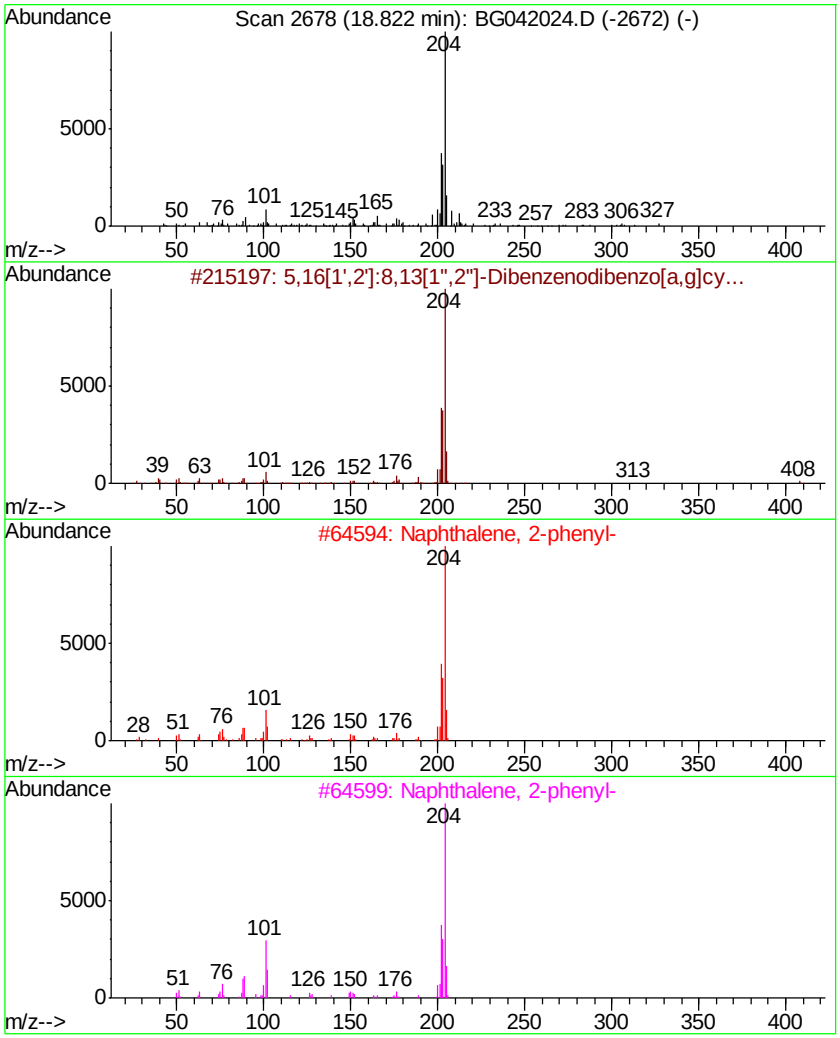
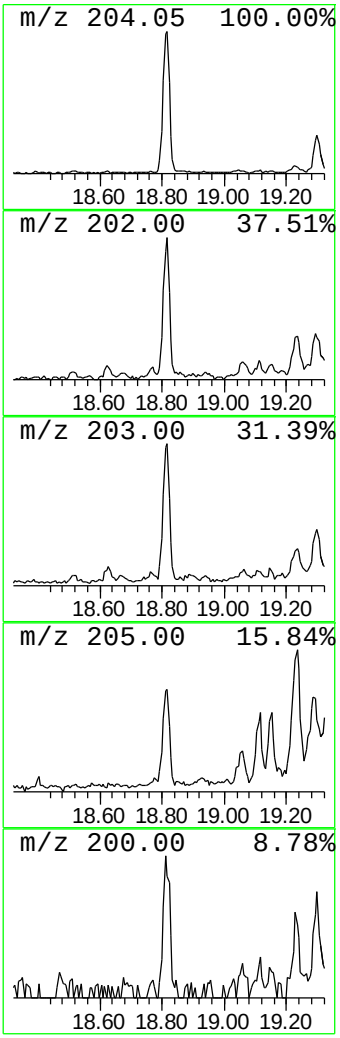
Peak Number 6 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	2.27 ng/ul	132749	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62





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Acq On : 7 Aug 2019 10:30
Operator : HP/JU
Sample : K4028-06
Misc :
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Instrument : BNA_G
ClientSampleId : BENY8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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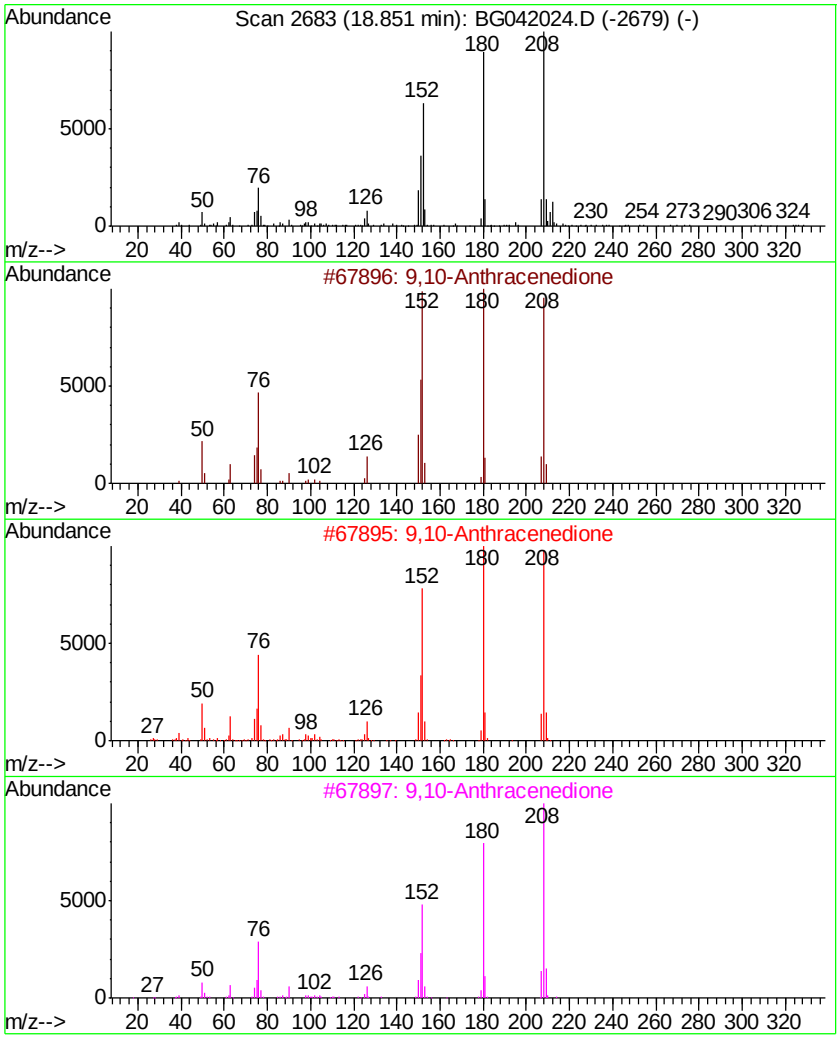
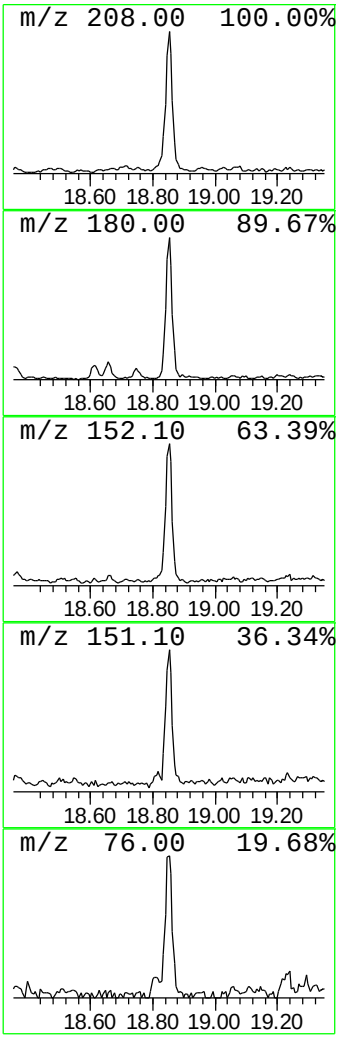
Peak Number 7 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	3.61 ng/ul	211229	Phenanthrene-d10	17.44

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	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	49





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Acq On : 7 Aug 2019 10:30
Operator : HP/JU
Sample : K4028-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENY8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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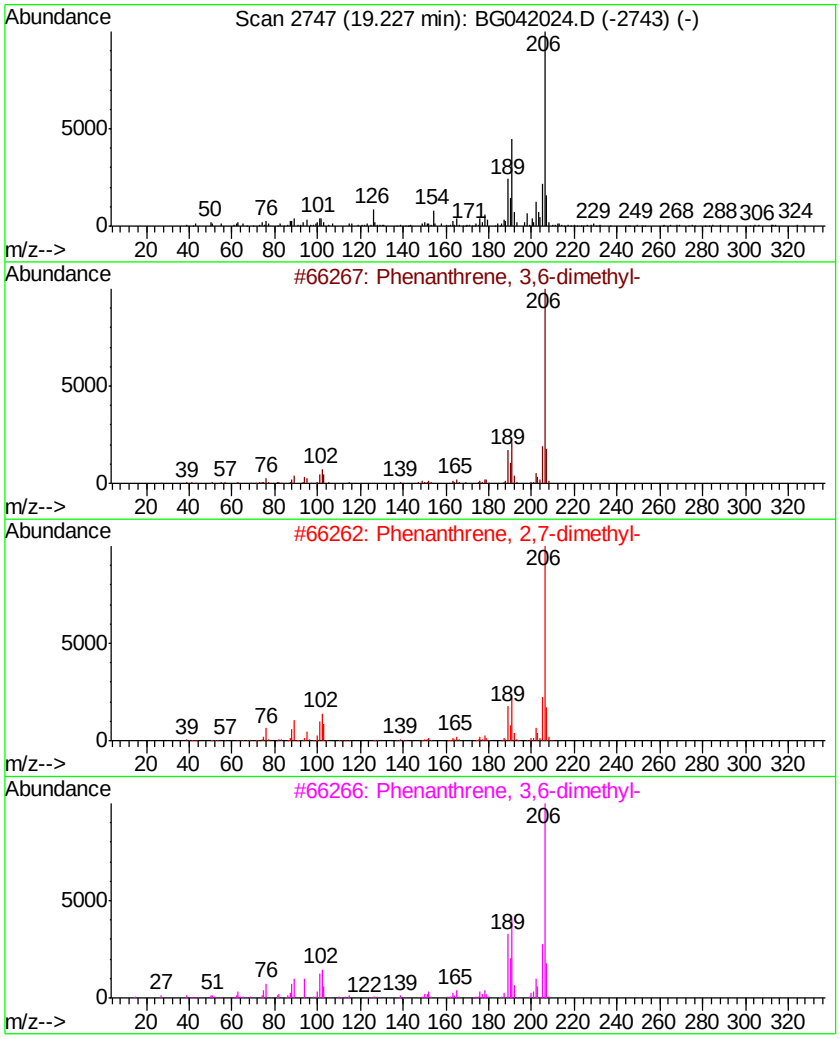
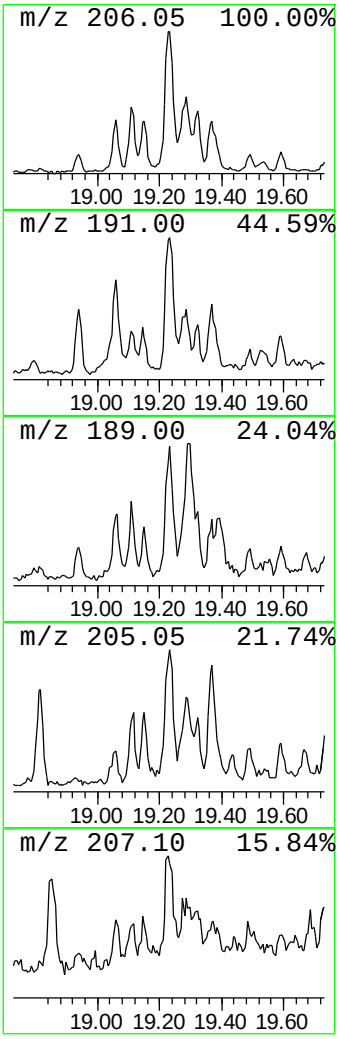
Peak Number 8 Phenanthrene, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	2.97 ng/ul	173945	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	76
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	68





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Acq On : 7 Aug 2019 10:30
Operator : HP/JU
Sample : K4028-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENY8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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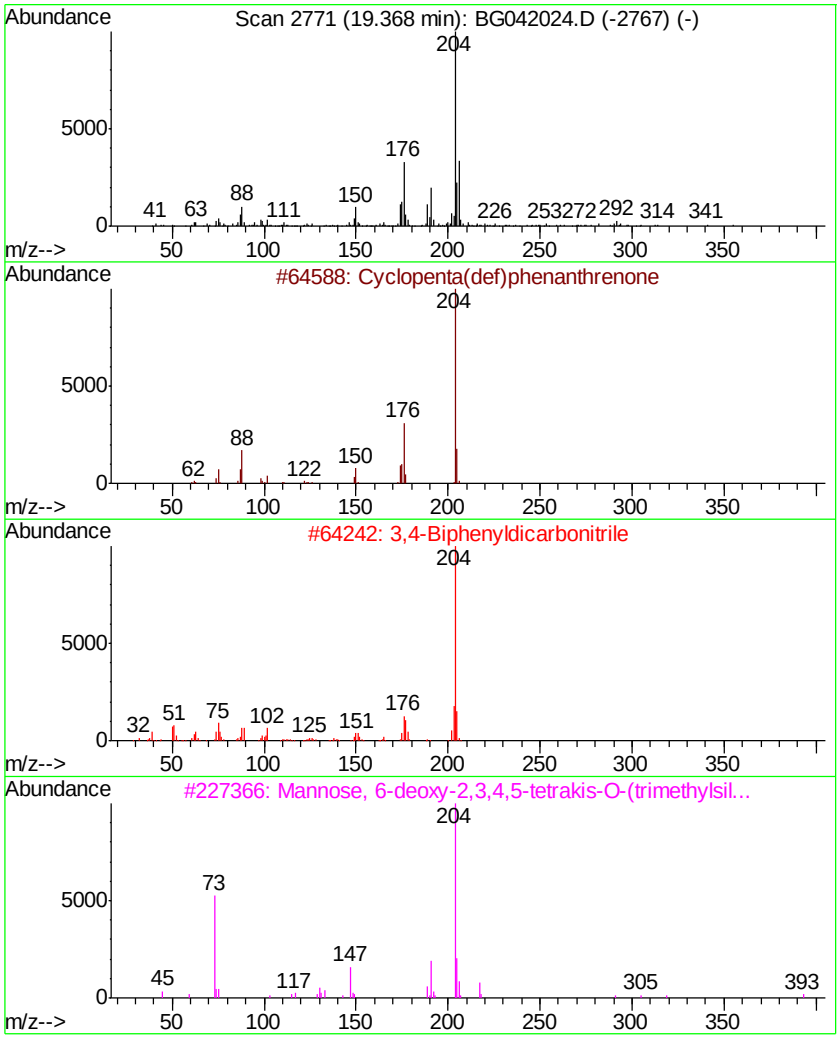
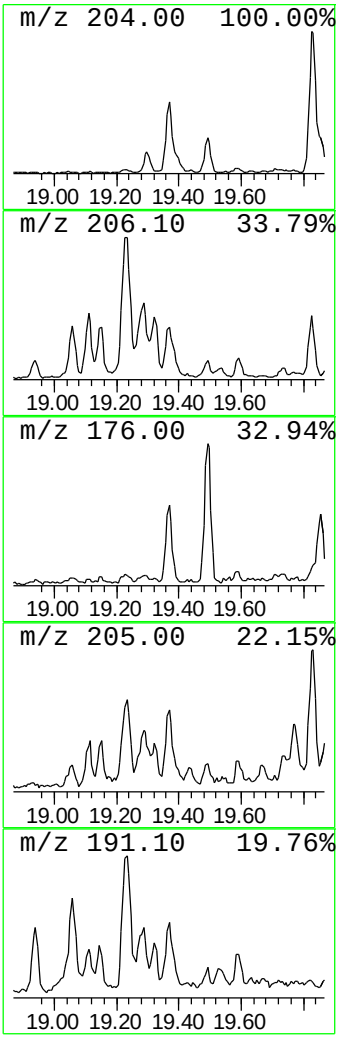
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	2.75 ng/ul	160905	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3	Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	50
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	47
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43





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Acq On : 7 Aug 2019 10:30
Operator : HP/JU
Sample : K4028-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENY8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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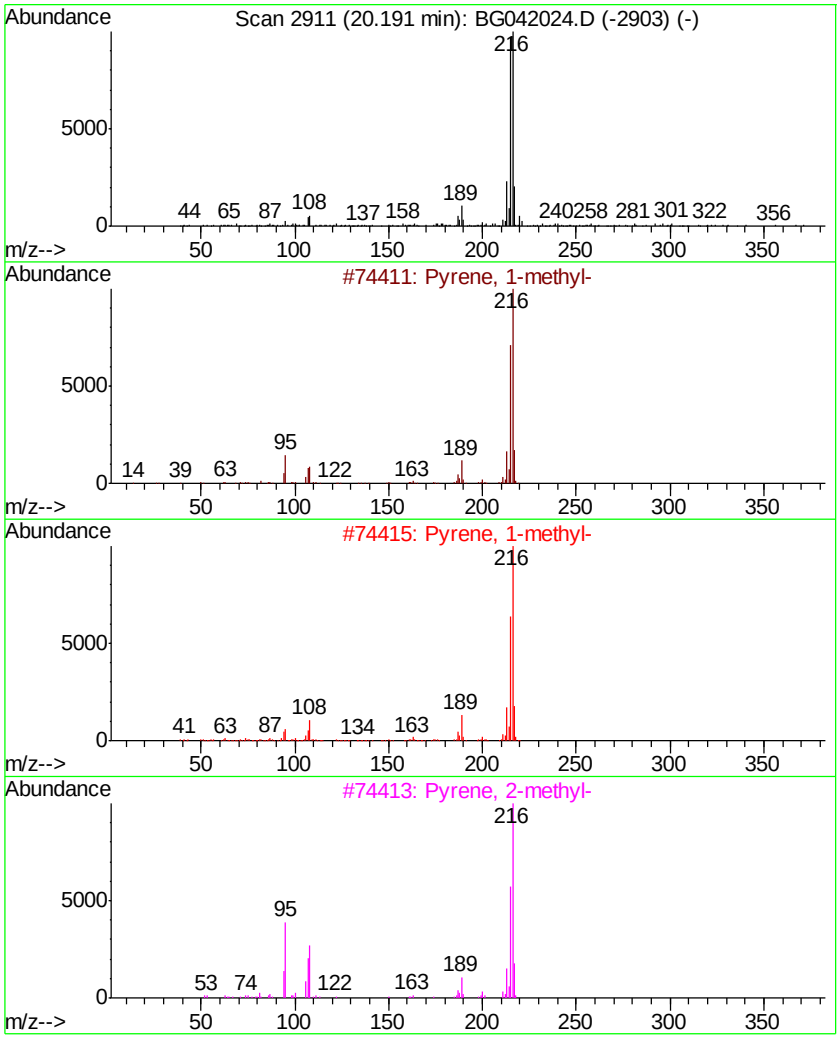
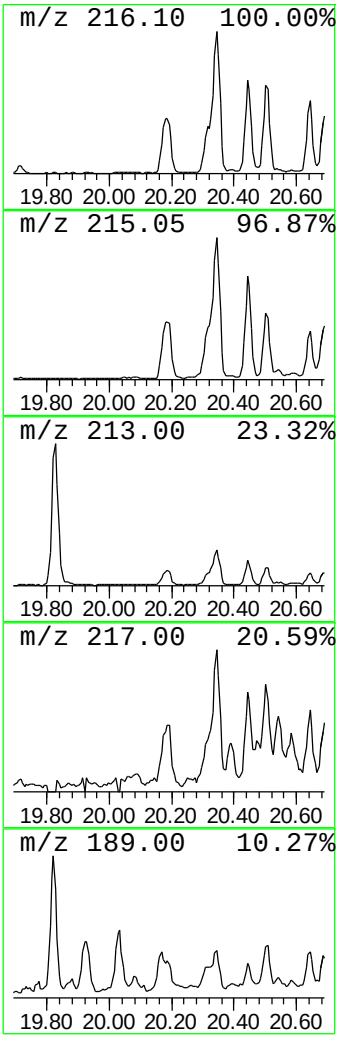
Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	2.20 ng/ul	321384	Chrysene-d12	21.72

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





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Data File : BG042024.D
Acq On : 7 Aug 2019 10:30
Operator : HP/JU
Sample : K4028-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENY8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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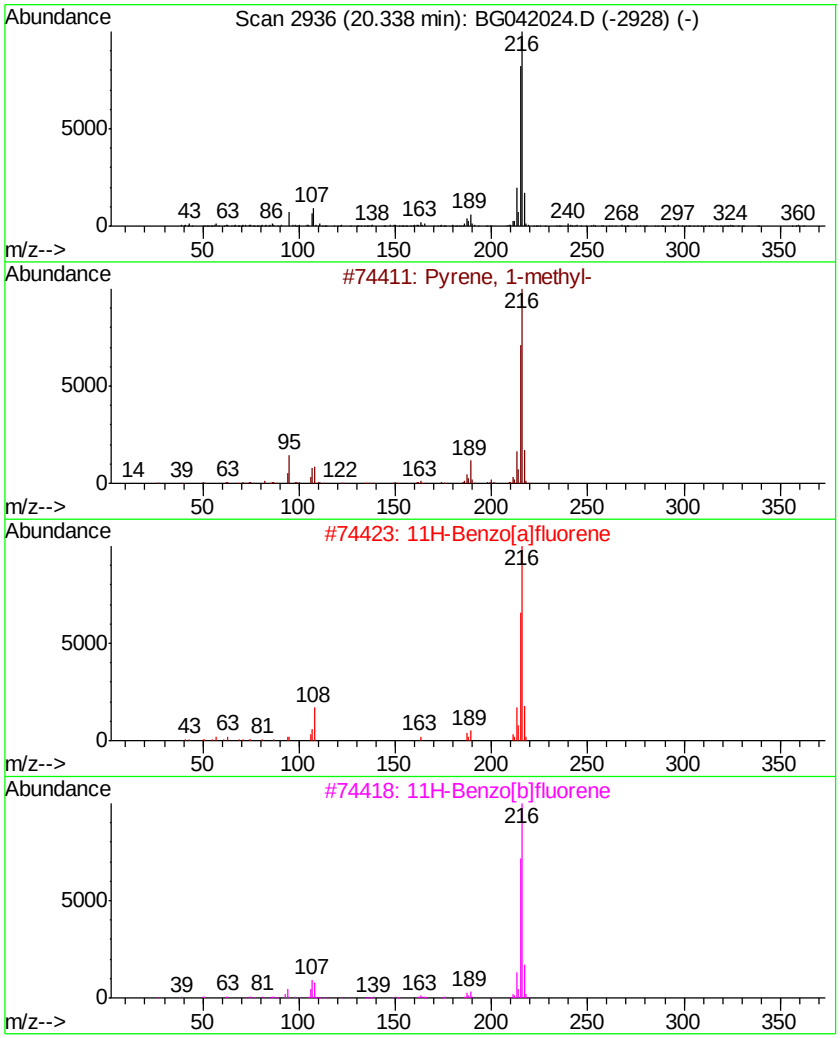
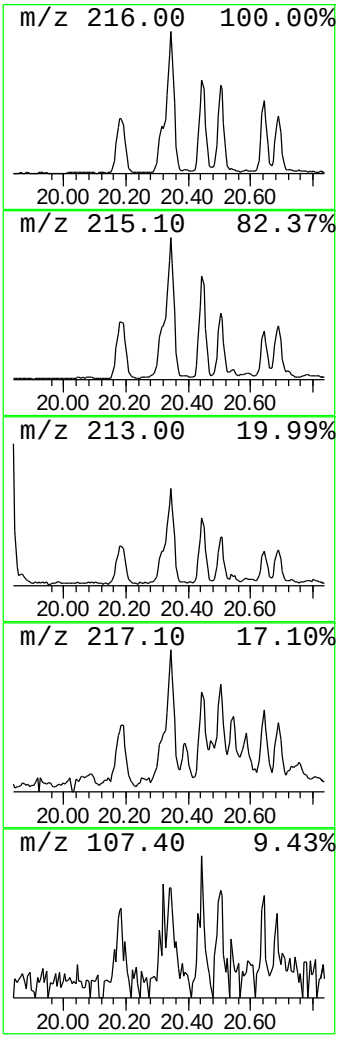
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	3.57 ng/ul	522629	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





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Acq On : 7 Aug 2019 10:30
Operator : HP/JU
Sample : K4028-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENY8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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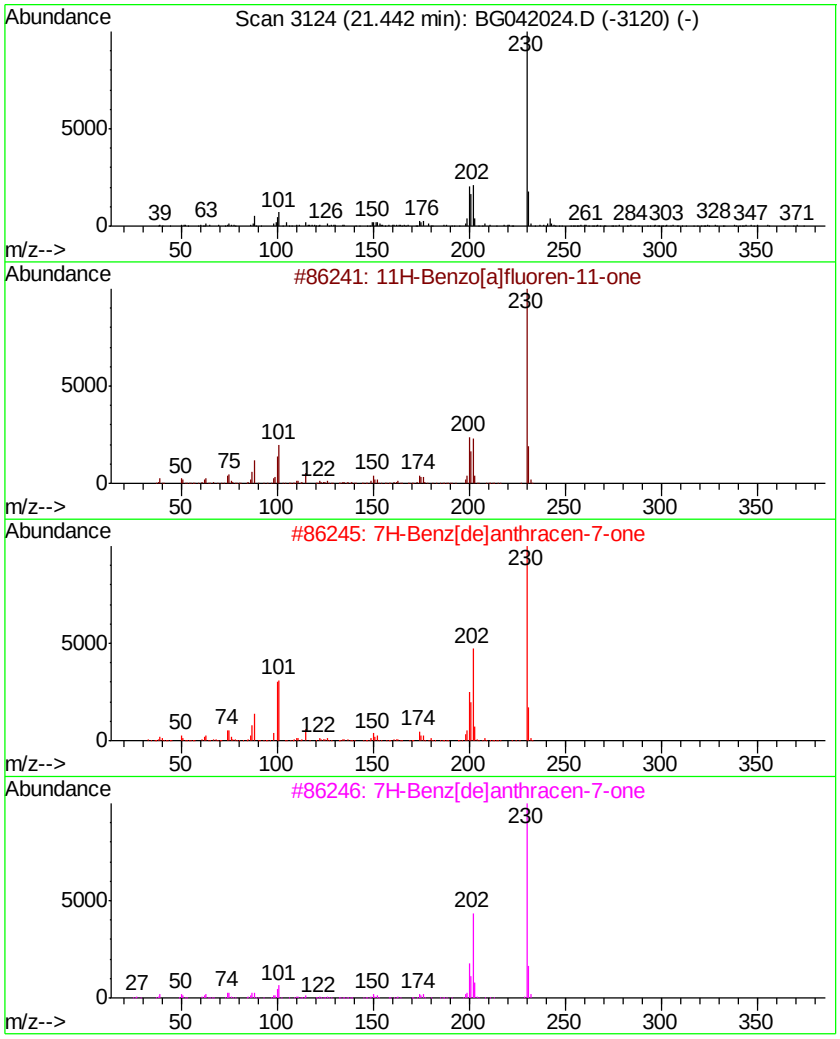
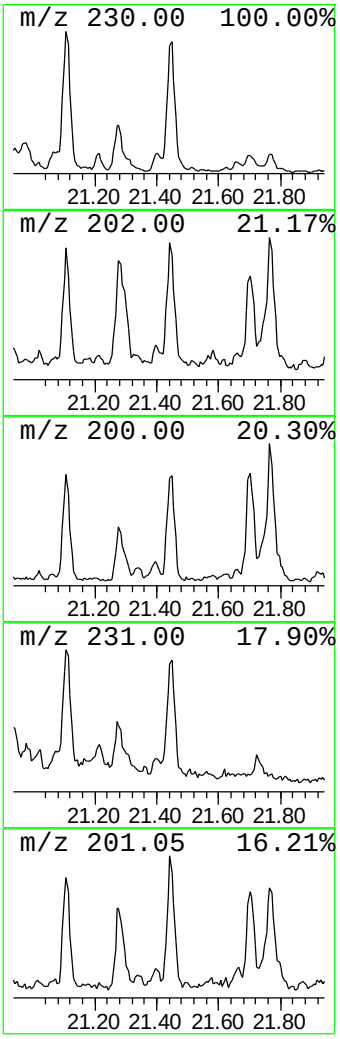
Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	2.63 ng/ul	384434	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042024.D
Acq On : 7 Aug 2019 10:30
Operator : HP/JU
Sample : K4028-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENY8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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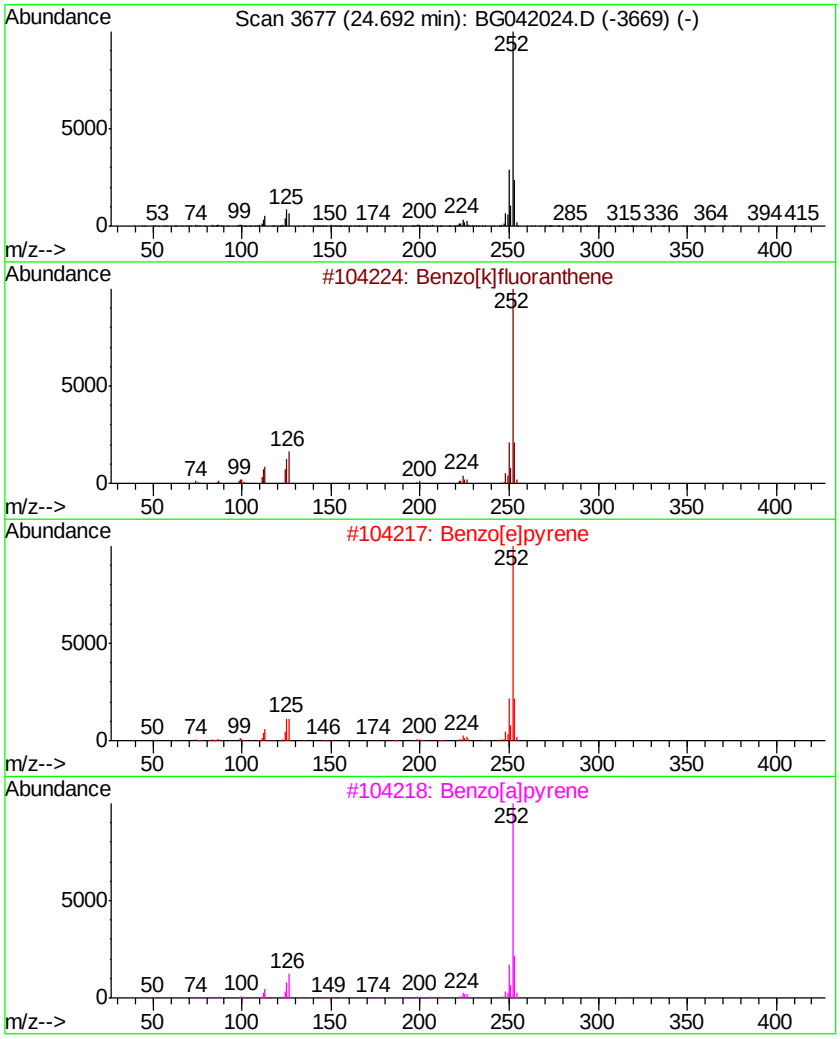
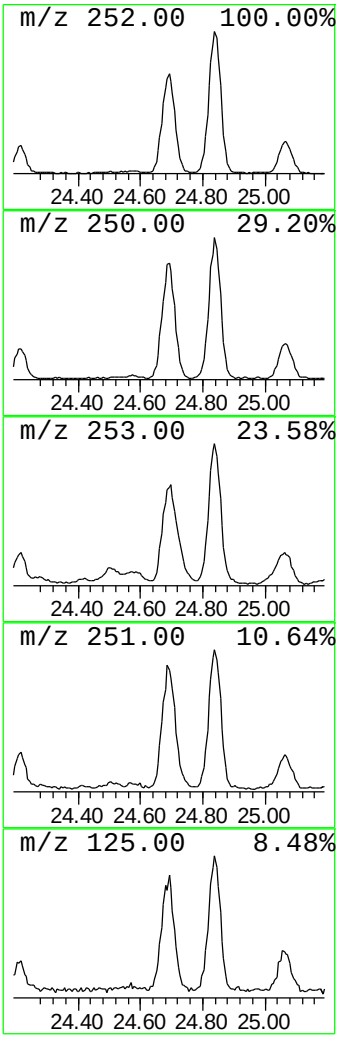
Peak Number 13 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.69	16.28 ng/ul	1033600	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

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Data File : BG042024.D
Acq On : 7 Aug 2019 10:30
Operator : HP/JU
Sample : K4028-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENY8

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Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.15	133.2	ng/ul	2656400	1	8.03	398954	20.0
Phenanthrene, 2-m...	18.33	5.4	ng/ul	315909	4	17.44	1170490	20.0
1H-Indene, 2-phenyl-	18.36	4.8	ng/ul	281754	4	17.44	1170490	20.0
4H-Cyclopenta[def...	18.51	6.7	ng/ul	389290	4	17.44	1170490	20.0
Anthracene, 9-met...	18.55	2.2	ng/ul	126930	4	17.44	1170490	20.0
5,16[1',2']:8,13[...	18.82	2.3	ng/ul	132749	4	17.44	1170490	20.0
9,10-Anthracenedione	18.85	3.6	ng/ul	211229	4	17.44	1170490	20.0
Phenanthrene, 3,6...	19.23	3.0	ng/ul	173945	4	17.44	1170490	20.0
Cyclopenta(def)ph...	19.37	2.8	ng/ul	160905	4	17.44	1170490	20.0
11H-Benzo[a]fluorene	20.19	2.2	ng/ul	321384	5	21.72	2927060	20.0
Pyrene, 1-methyl-	20.34	3.6	ng/ul	522629	5	21.72	2927060	20.0
11H-Benzo[a]fluor...	21.44	2.6	ng/ul	384434	5	21.72	2927060	20.0
Benzo[e]pyrene	24.69	16.3	ng/ul	1033600	6	24.99	1269390	20.0