LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047383.D
Acq On : 20 Nov 2020 20:20
Operator : CG/JU
Sample : L4711-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B53

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-BG111920MA.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	4.057	121	122	126	rVV4	3963	3871	0.24%	0.021%
2	4.157	134	139	144	rVB3	12913	21832	1.35%	0.121%
3	4.286	158	161	165	rBV3	4317	5966	0.37%	0.033%
4	4.392	175	179	183	rVB5	4608	6532	0.40%	0.036%
5	4.609	211	216	220	rBV3	13560	20104	1.25%	0.111%
6	5.032	283	288	292	rBV4	7438	13307	0.82%	0.074%
7	5.326	334	338	339	rBV2	3880	4955	0.31%	0.027%
8	5.408	349	352	357	rVB4	3683	6150	0.38%	0.034%
9	5.508	367	369	375	rBV2	2640	3699	0.23%	0.020%
10	6.290	498	502	505	rVB3	2914	4159	0.26%	0.023%
11	7.400	683	691	698	rBV	99906	165439	10.25%	0.914%
12	7.582	716	722	731	rVB2	58278	99529	6.17%	0.550%
13	7.800	751	759	765	rBV2	92446	157370	9.75%	0.870%
14	7.853	765	768	774	rVB3	8329	9421	0.58%	0.052%
15	8.276	833	840	847	rBV	156211	272306	16.88%	1.505%
16	8.957	950	956	965	rVB2	116870	198962	12.33%	1.100%
17	9.092	976	979	984	rVV2	3897	4970	0.31%	0.027%
18	9.439	1029	1038	1046	rBV2	86875	160901	9.97%	0.889%
19	9.862	1106	1110	1113	rBV3	3206	4193	0.26%	0.023%
20	10.168	1156	1162	1170	rVB3	77524	140768	8.72%	0.778%
21	10.702	1247	1253	1262	rVB	124802	221130	13.70%	1.222%
22	10.785	1262	1267	1272	rVB2	2837	6111	0.38%	0.034%
23	11.102	1314	1321	1328	rVB	198634	366543	22.72%	2.026%
24	11.219	1335	1341	1348	rBV2	85568	157065	9.73%	0.868%
25	11.560	1395	1399	1403	rBV	2140	4058	0.25%	0.022%
26	11.619	1405	1409	1412	rBV3	4103	6201	0.38%	0.034%
27	13.728	1763	1768	1769	rBV2	2870	3539	0.22%	0.020%
28	13.769	1769	1775	1784	rVV	143849	223022	13.82%	1.233%
29	14.275	1855	1861	1865	rVV	225541	322627	20.00%	1.783%
30	14.322	1865	1869	1875	rVB	103082	149872	9.29%	0.828%
31	14.580	1906	1913	1920	rBV	219263	362719	22.48%	2.005%
32	14.756	1940	1943	1948	rBV5	2989	4459	0.28%	0.025%
33	14.886	1958	1965	1971	rVB2	333703	547918	33.96%	3.028%
34	14.944	1971	1975	1980	rVB3	17068	25920	1.61%	0.143%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047383.D
Acq On : 20 Nov 2020 20:20
Operator : CG/JU
Sample : L4711-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B53

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-BG111920MA.M
Title : SVOA CALIBRATION

35	15.033	1984	1990	1996	rBV2	97844	153719	9.53%	0.850%
36	15.185	2012	2016	2017	rBV	4372	5519	0.34%	0.031%
37	15.273	2026	2031	2038	rBV3	14366	23565	1.46%	0.130%
38	15.532	2071	2075	2080	rVB	2755	4945	0.31%	0.027%
39	15.667	2093	2098	2103	rBV4	5234	9368	0.58%	0.052%
40	15.867	2125	2132	2138	rBV2	311086	450097	27.90%	2.487%
41	15.926	2138	2142	2144	rVV	18050	24161	1.50%	0.134%
42	15.973	2144	2150	2160	rVB3	165735	286287	17.74%	1.582%
43	16.037	2160	2161	2167	rVB3	3103	3973	0.25%	0.022%
44	16.084	2167	2169	2172	rBV2	4553	4684	0.29%	0.026%
45	16.202	2188	2189	2190	rVV	8161	4610	0.29%	0.025%
46	16.219	2190	2192	2196	rVB2	8246	8705	0.54%	0.048%
47	16.354	2210	2215	2219	rBV4	9528	16939	1.05%	0.094%
48	16.695	2269	2273	2275	rBV	2756	3597	0.22%	0.020%
49	16.848	2295	2299	2303	rBV4	6606	8405	0.52%	0.046%
50	16.883	2303	2305	2308	rBV2	5222	6393	0.40%	0.035%
51	16.919	2308	2311	2317	rVB7	7323	11922	0.74%	0.066%
52	17.071	2330	2337	2341	rVB5	5868	10174	0.63%	0.056%
53	17.142	2348	2349	2353	rVB	6222	6782	0.42%	0.037%
54	17.177	2353	2355	2359	rBV4	7473	11248	0.70%	0.062%
55	17.265	2364	2370	2377	rVB2	19016	35454	2.20%	0.196%
56	17.359	2380	2386	2387	rBV4	9753	18148	1.12%	0.100%
57	17.436	2394	2399	2403	rBV2	18854	30121	1.87%	0.166%
58	17.483	2406	2407	2409	rBV	6581	4813	0.30%	0.027%
59	17.618	2423	2430	2434	rBV	447476	727344	45.08%	4.020%
60	17.659	2434	2437	2442	rVB	434565	570810	35.38%	3.155%
61	17.718	2442	2447	2451	rBV	302816	445580	27.62%	2.463%
62	17.806	2458	2462	2468	rVB3	15749	27336	1.69%	0.151%
63	17.906	2475	2479	2481	rBV4	16419	20085	1.24%	0.111%
64	18.005	2488	2496	2501	rBV2	33806	66434	4.12%	0.367%
65	18.135	2516	2518	2524	rVB6	10836	13992	0.87%	0.077%
66	18.188	2524	2527	2528	rBV2	5879	5714	0.35%	0.032%
67	18.487	2573	2578	2582	rBV2	97161	147169	9.12%	0.813%
68	18.534	2582	2586	2594	rVB2	87864	137624	8.53%	0.761%
69	18.617	2596	2600	2604	rVB3	20762	30009	1.86%	0.166%
70	18.681	2605	2611	2615	rBV3	91573	174126	10.79%	0.962%
71	18.975	2657	2661	2663	rBV2	58628	83765	5.19%	0.463%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047383.D
Acq On : 20 Nov 2020 20:20
Operator : CG/JU
Sample : L4711-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B53

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-BG111920MA.M
Title : SVOA CALIBRATION

72	19.010	2663	2667	2673	rVB2	104961	155123	9.61%	0.857%
73	19.257	2706	2709	2713	rVB3	28050	39267	2.43%	0.217%
74	19.327	2718	2721	2727	rVB3	62685	75215	4.66%	0.416%
75	19.386	2727	2731	2736	rBV3	28801	51014	3.16%	0.282%
76	19.527	2750	2755	2762	rBV3	47717	84969	5.27%	0.470%
77	19.651	2770	2776	2782	rVB	1140593	1613526	100.00%	8.917%
78	19.739	2788	2791	2797	rVB6	28653	43265	2.68%	0.239%
79	19.833	2805	2807	2811	rVB4	30096	33594	2.08%	0.186%
80	19.980	2826	2832	2834	rBV2	556392	881267	54.62%	4.870%
81	20.009	2834	2837	2843	rVB	803466	1122940	69.60%	6.206%
82	20.074	2843	2848	2855	rVB2	58809	99153	6.15%	0.548%
83	20.179	2861	2866	2872	rBV	69307	106890	6.62%	0.591%
84	20.303	2883	2887	2890	rBV2	100183	159530	9.89%	0.882%
85	20.461	2909	2914	2916	rBV5	60866	110653	6.86%	0.612%
86	20.491	2916	2919	2923	rVB	153081	204988	12.70%	1.133%
87	20.591	2932	2936	2940	rBV	74248	96672	5.99%	0.534%
88	20.649	2940	2946	2949	rVV3	78473	139918	8.67%	0.773%
89	20.685	2949	2952	2956	rVB	62819	74173	4.60%	0.410%
90	20.879	2981	2985	2990	rVB	207814	260316	16.13%	1.439%
91	21.266	3047	3051	3058	rVB	121108	197676	12.25%	1.092%
92	21.507	3088	3092	3096	rBV4	120560	176945	10.97%	0.978%
93	21.613	3105	3110	3116	rVB3	130342	241345	14.96%	1.334%
94	21.772	3132	3137	3143	rVB	309143	460764	28.56%	2.546%
95	21.889	3149	3157	3163	rBV2	549685	1547939	95.94%	8.555%
96	21.948	3163	3167	3176	rVB	432502	755726	46.84%	4.177%
97	22.101	3190	3193	3201	rVB	65783	109717	6.80%	0.606%
98	24.216	3544	3553	3561	rBV2	304579	1085315	67.26%	5.998%
99	24.980	3677	3683	3690	rBV	138440	355064	22.01%	1.962%
100	25.303	3730	3738	3745	rBV3	190671	512399	31.76%	2.832%

Sum of corrected areas: 18094598

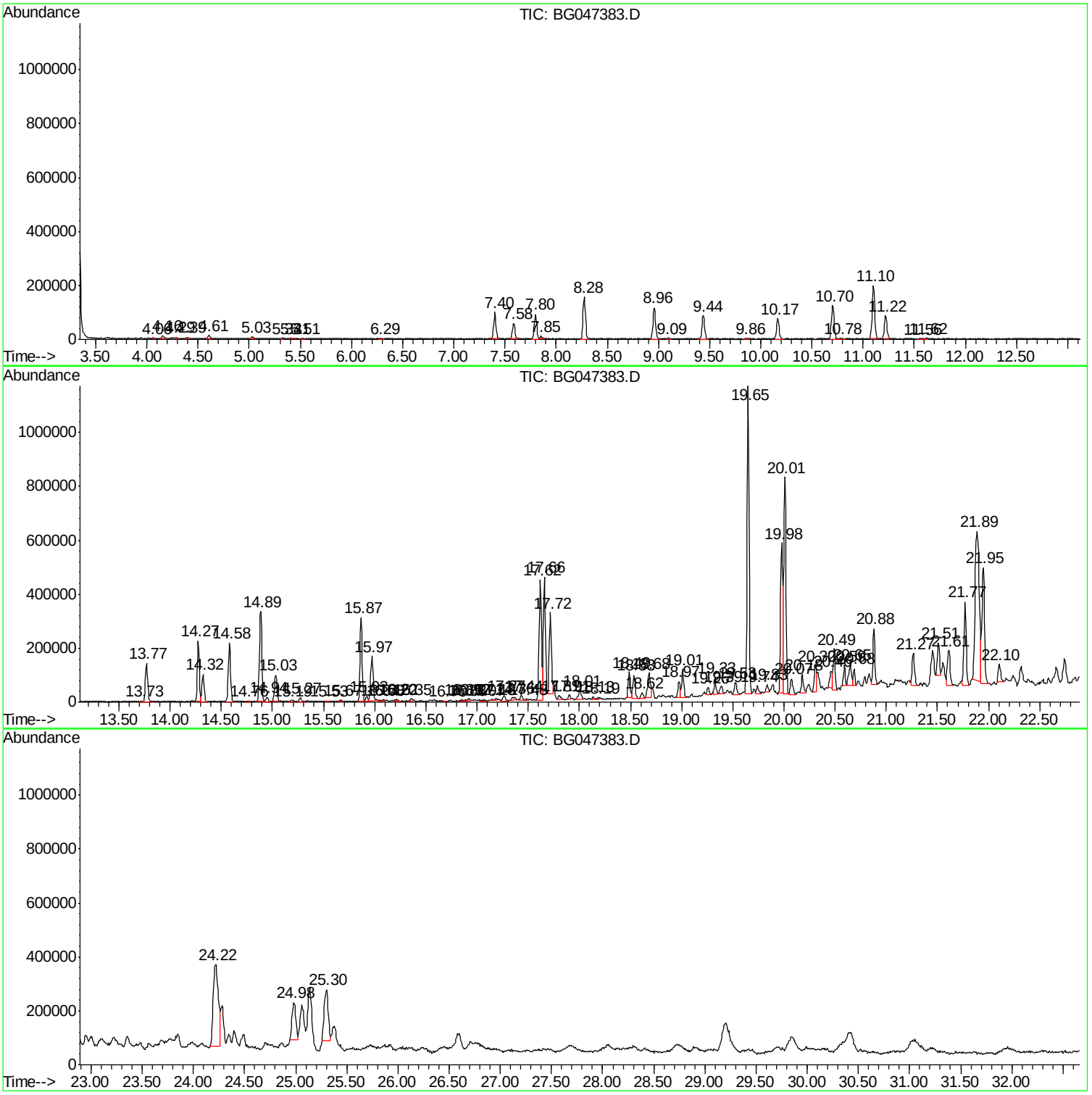
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047383.D
Acq On : 20 Nov 2020 20:20
Operator : CG/JU
Sample : L4711-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.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\BG112020\
Data File : BG047383.D
Acq On : 20 Nov 2020 20:20
Operator : CG/JU
Sample : L4711-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

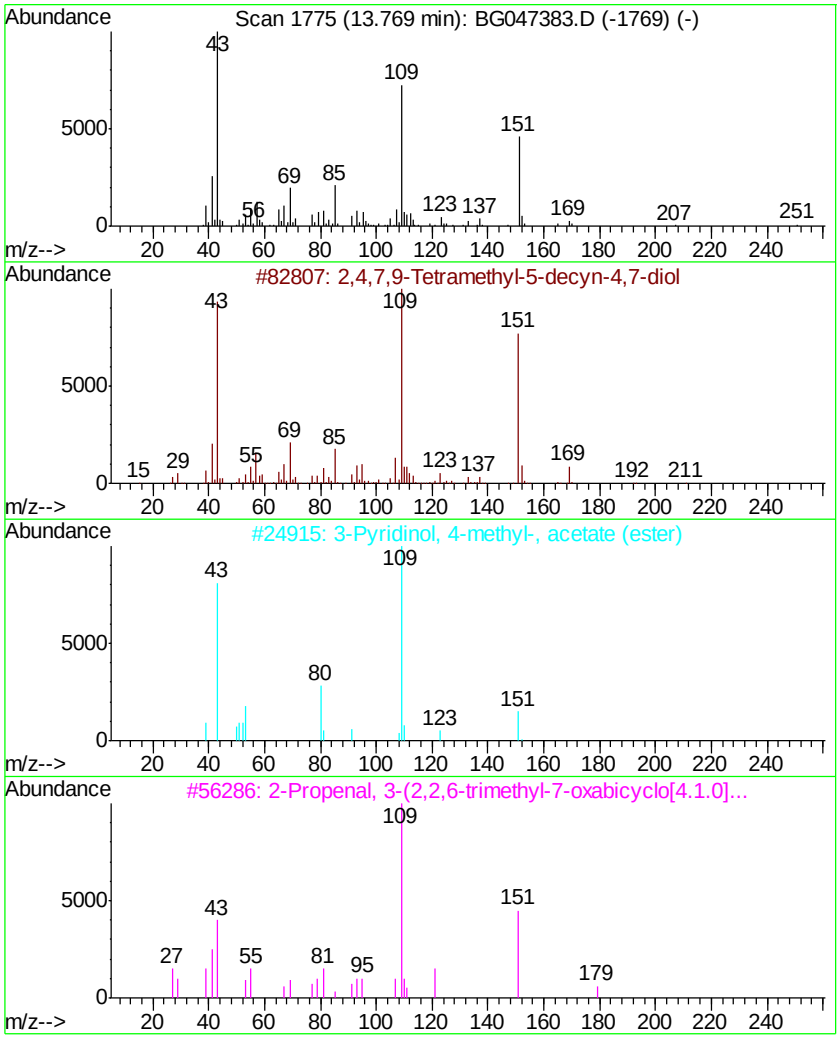
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

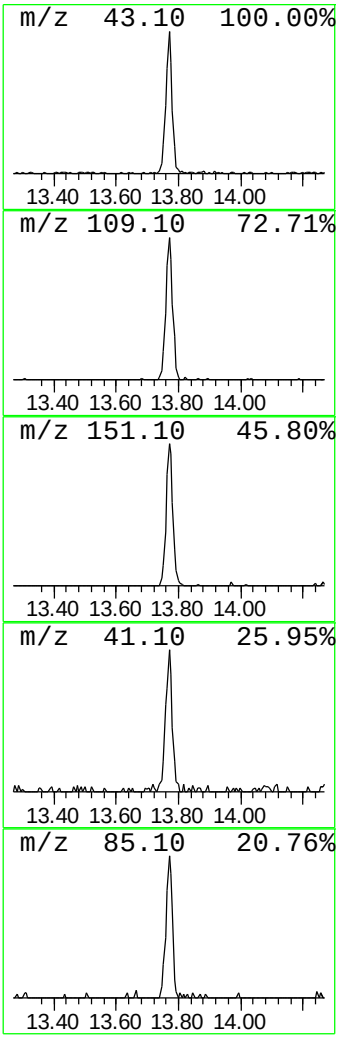
****

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	8.14 ng/ul	223022	Acenaphthene-d10	14.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87
2	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
3	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	53
4	Pyridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	52
5	Metacetamol	151	C8H9NO2	000621-42-1	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047383.D
Acq On : 20 Nov 2020 20:20
Operator : CG/JU
Sample : L4711-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

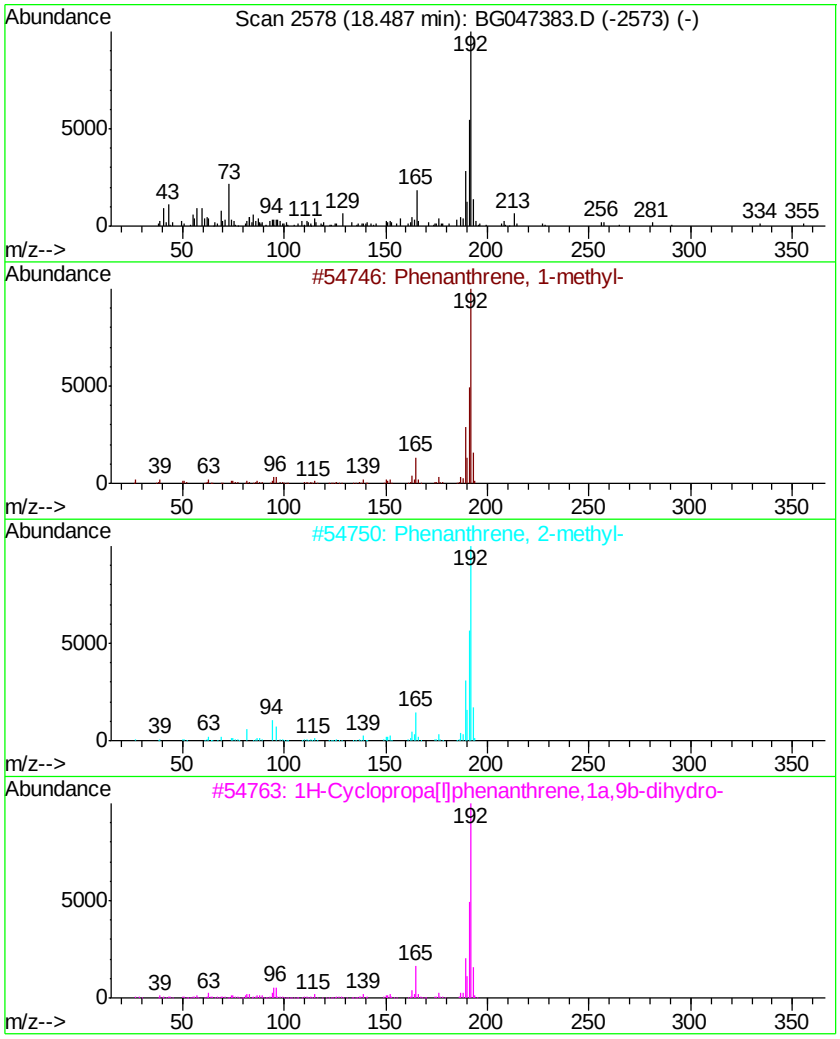
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

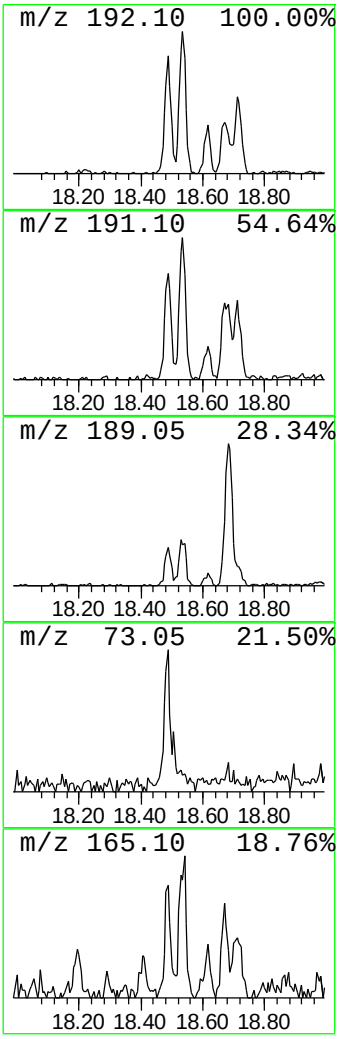
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	4.05 ng/ul	147169	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047383.D
Acq On : 20 Nov 2020 20:20
Operator : CG/JU
Sample : L4711-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

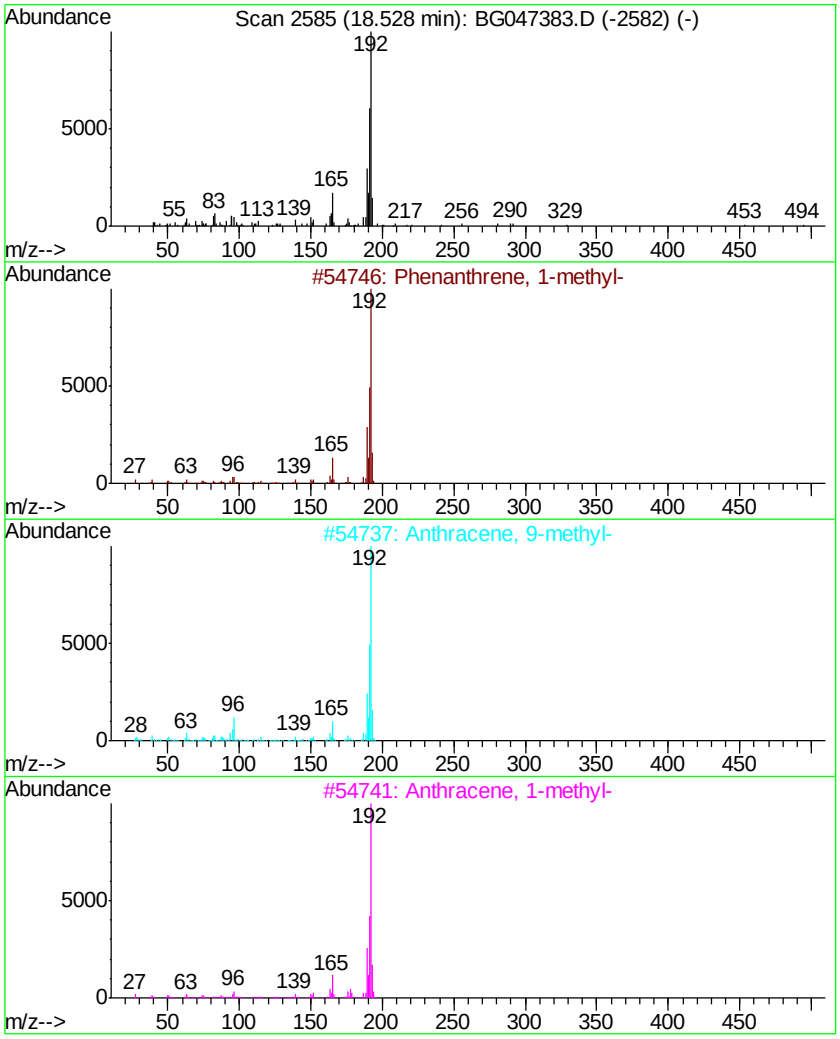
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

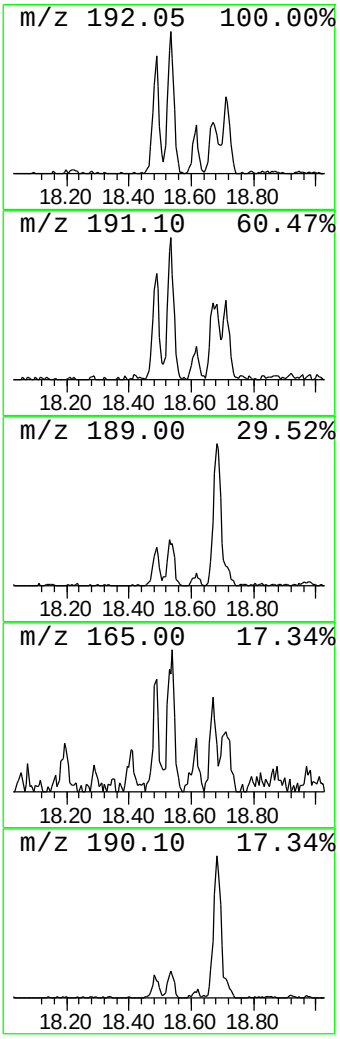
****

Peak Number 3 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	3.78 ng/ul	137624	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047383.D
Acq On : 20 Nov 2020 20:20
Operator : CG/JU
Sample : L4711-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

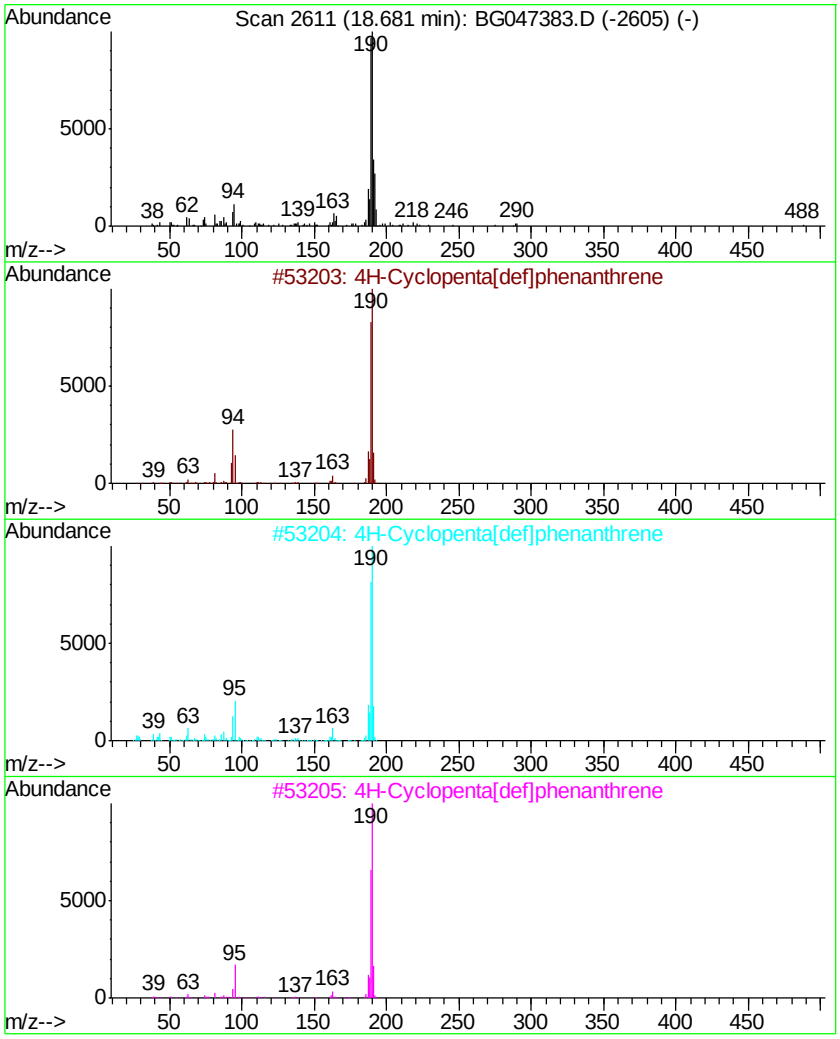
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

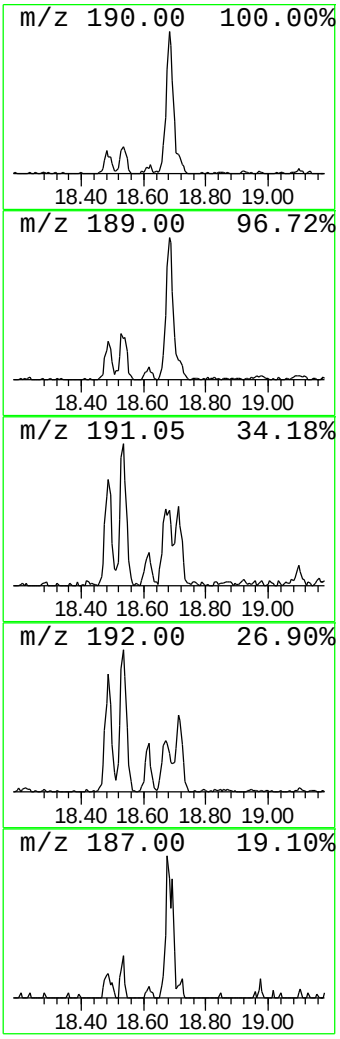
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	4.79 ng/ul	174126	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047383.D
Acq On : 20 Nov 2020 20:20
Operator : CG/JU
Sample : L4711-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

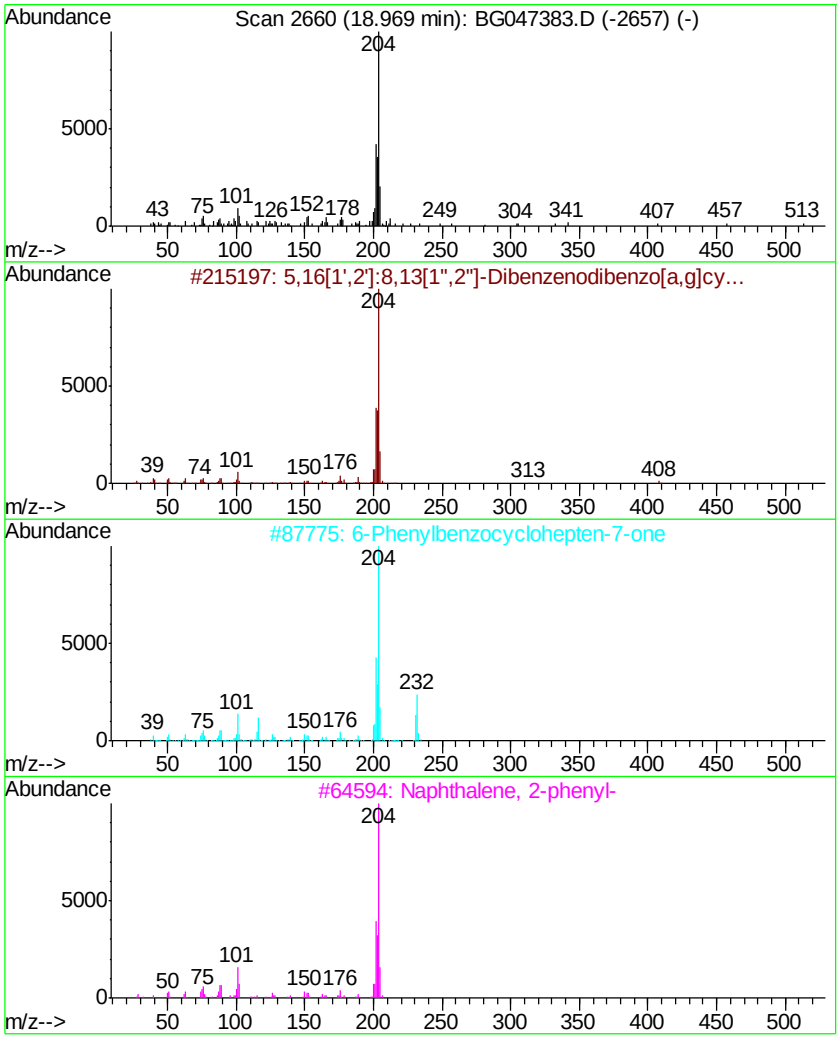
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

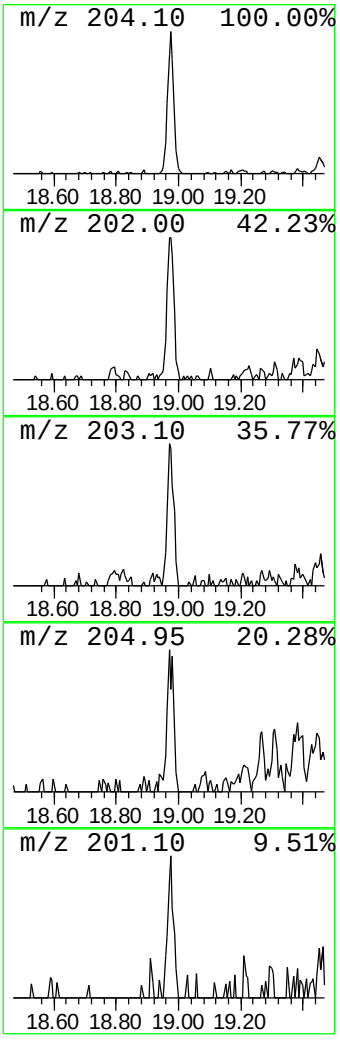
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	2.30 ng/ul	83765	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	78
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62





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Acq On : 20 Nov 2020 20:20
Operator : CG/JU
Sample : L4711-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

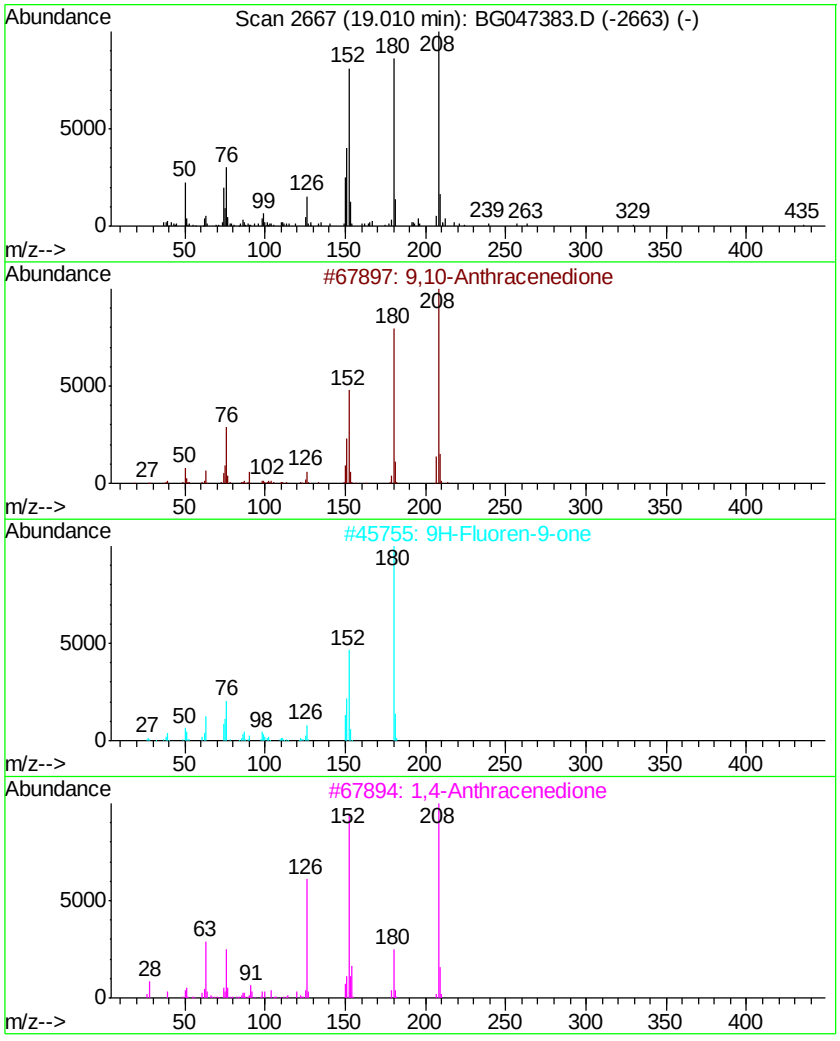
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

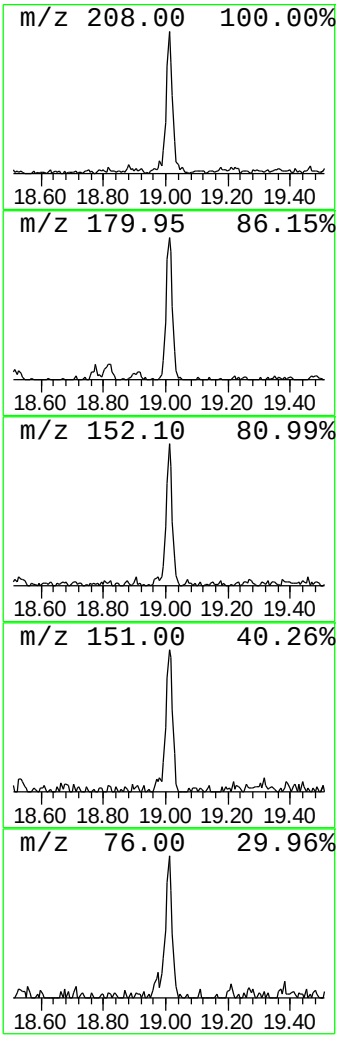
****

Peak Number 6 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	4.27 ng/ul	155123	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
3	1,4-Anthracenedione	208	C14H8O2	000635-12-1	64
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	50





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Operator : CG/JU
Sample : L4711-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B53

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Quant Title : SVOA CALIBRATION

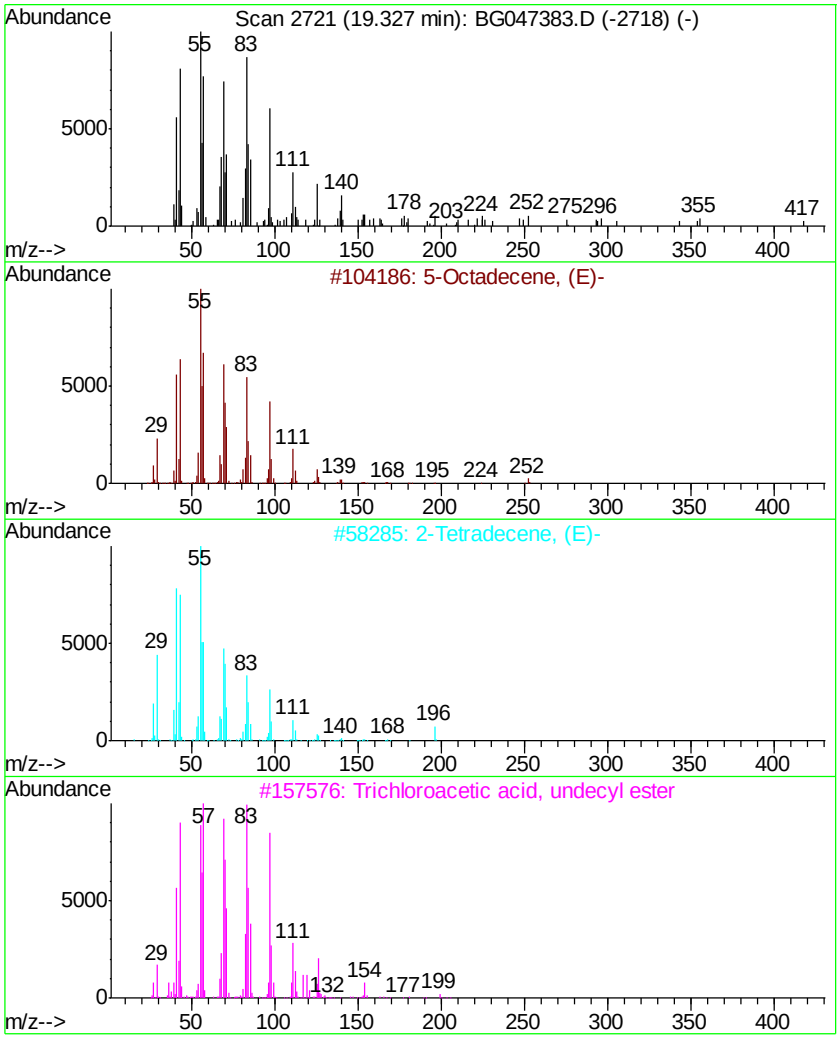
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

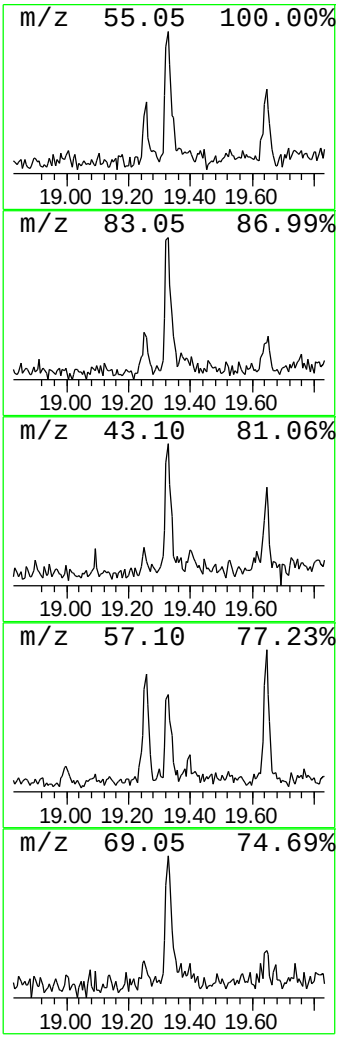
****

Peak Number 7 5-Octadecene, (E)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	2.07 ng/ul	75215	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
2	2-Tetradecene, (E)-	196	C14H28	035953-54-9	89
3	Trichloroacetic acid, undecyl ester	316	C13H23Cl3O2	074339-49-4	87
4	9-Octadecene, (E)-	252	C18H36	007206-25-9	86
5	1-Pentadecene	210	C15H30	013360-61-7	83





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Operator : CG/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

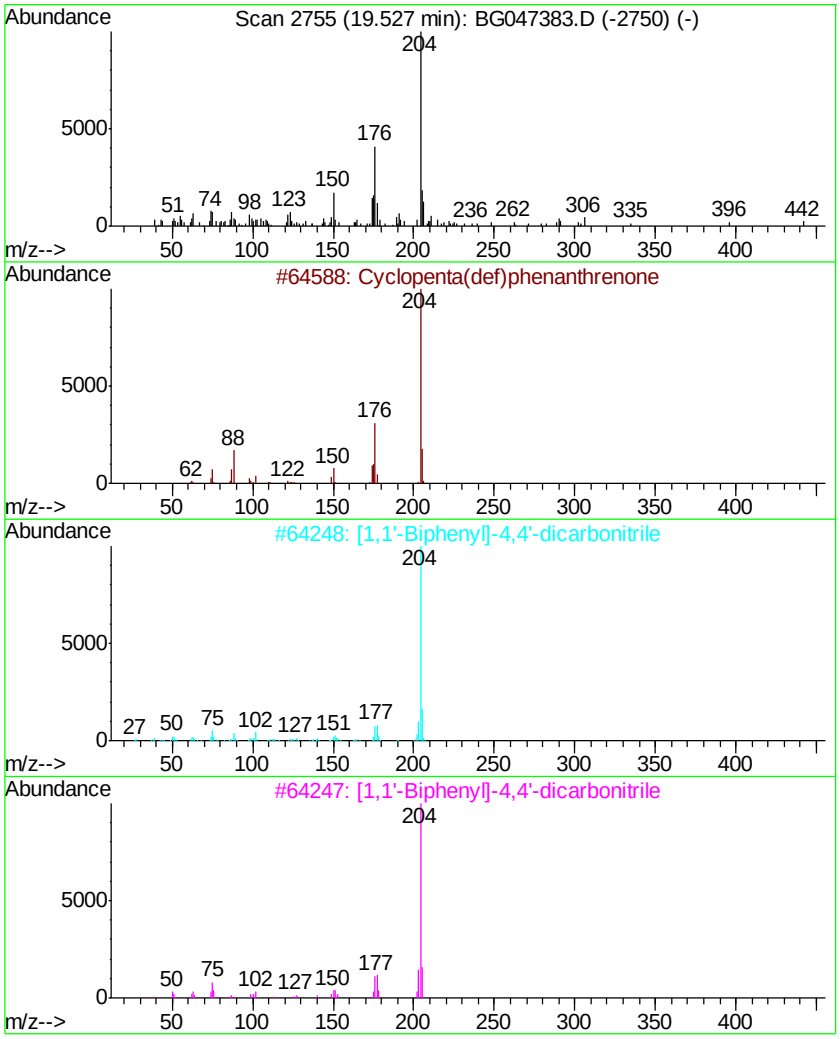
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

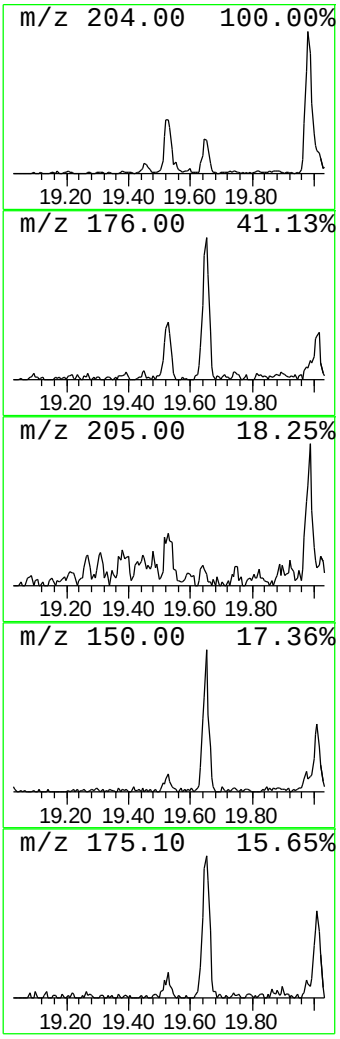
****

Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.53	2.34 ng/ul	84969	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	46
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46





Library Search Compound Report

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Data File : BG047383.D
Acq On : 20 Nov 2020 20:20
Operator : CG/JU
Sample : L4711-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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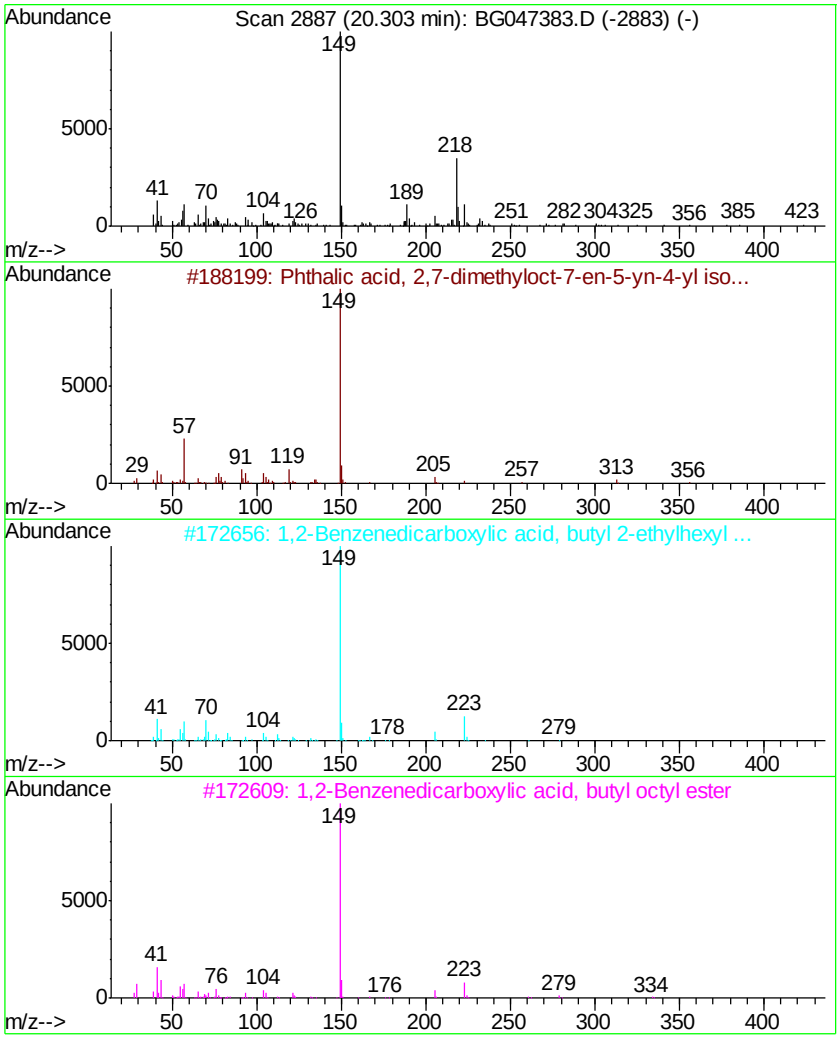
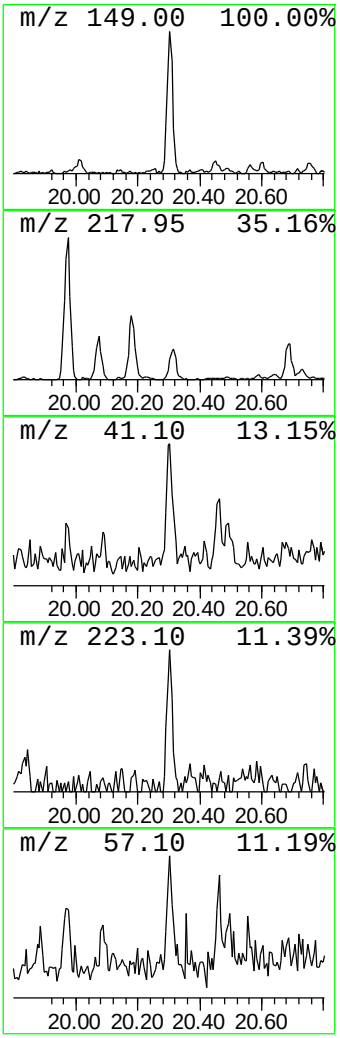
Peak Number 9 Phthalic acid, 2,7-dimethyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	2.06 ng/ul	159530	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2,7-dimethyloct-7...	356	C22H28O4	1000315-49-7	60
2	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	58
3	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	52
4	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	52
5	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	52





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Operator : CG/JU
Sample : L4711-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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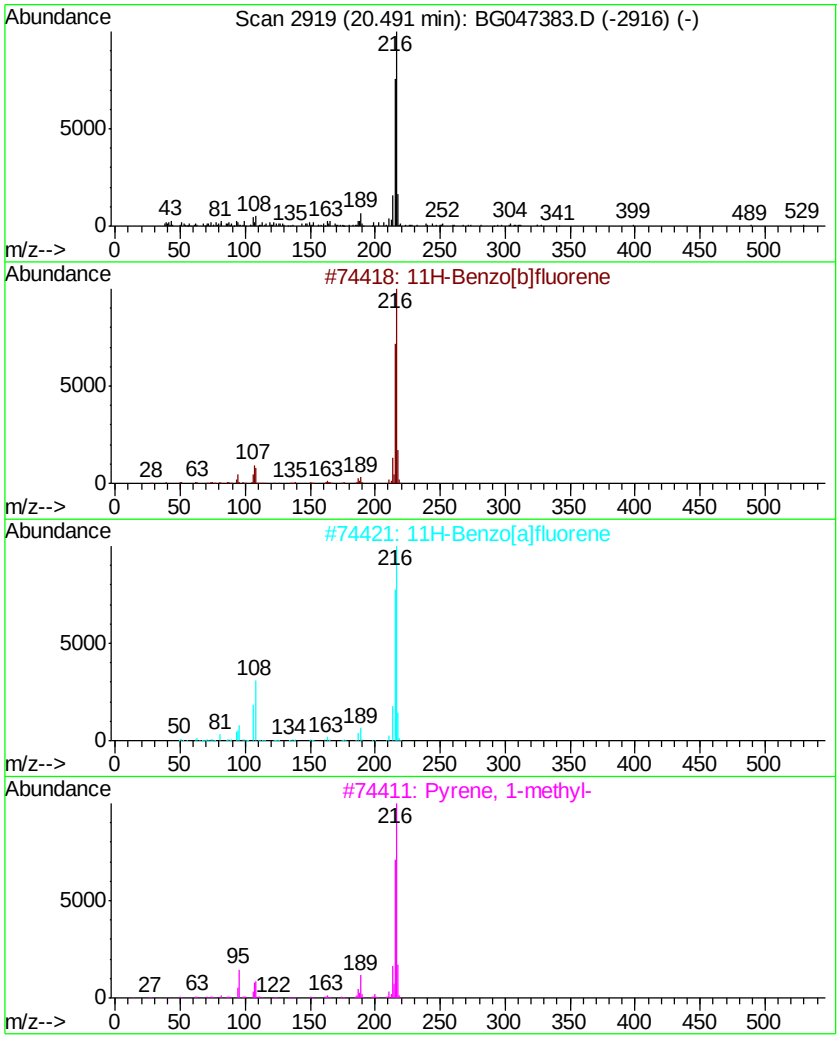
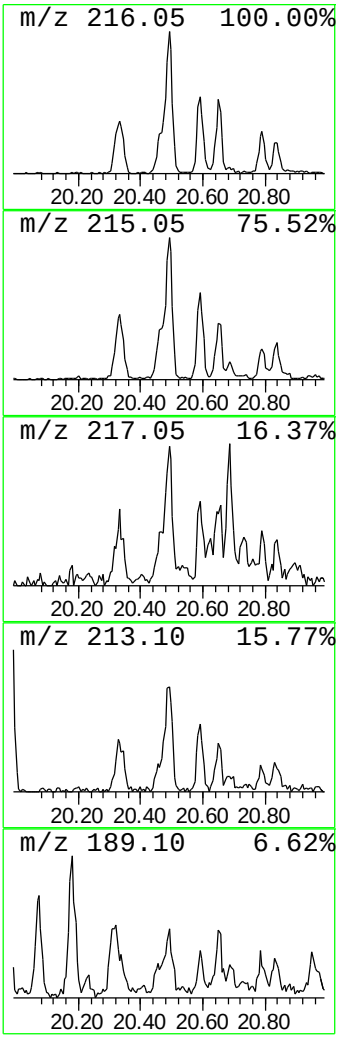
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.49	2.65 ng/ul	204988	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





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Sample : L4711-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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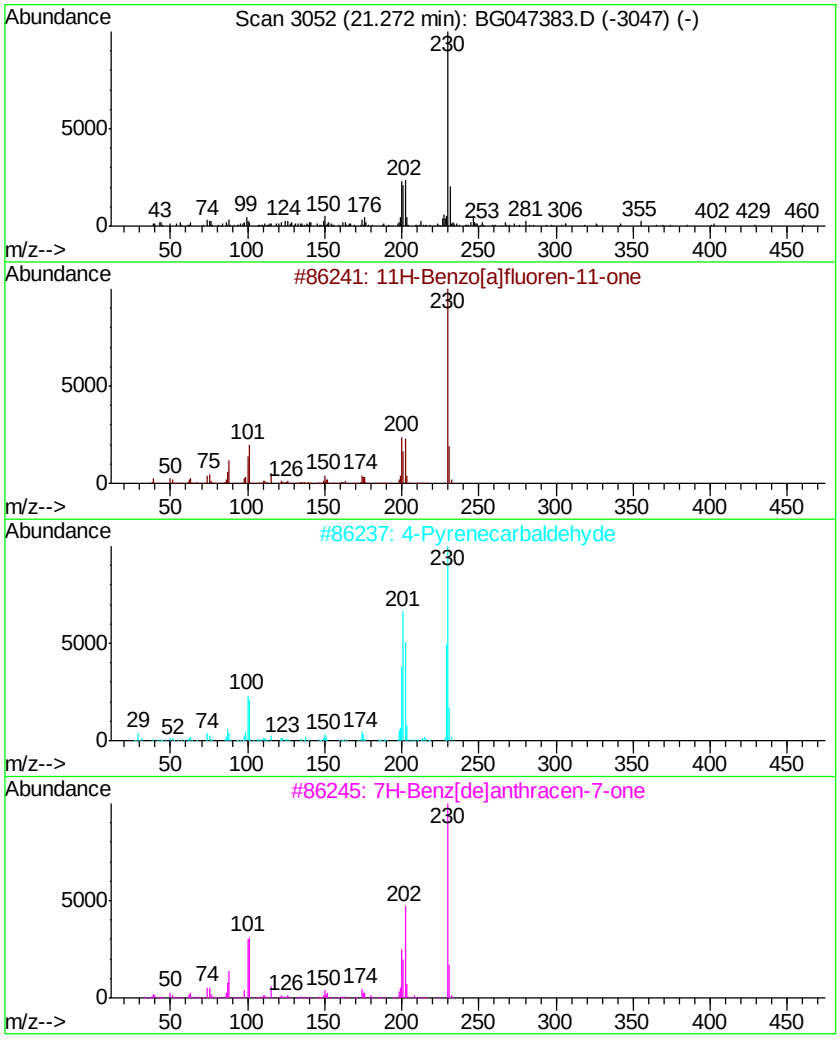
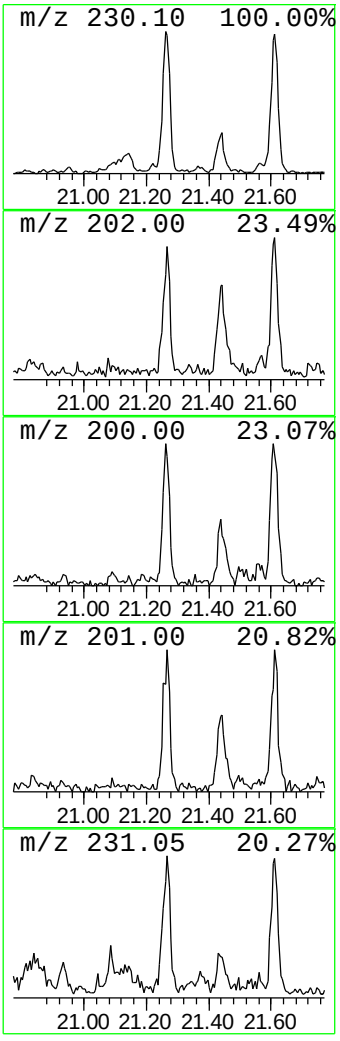
Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	2.55 ng/ul	197676	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	83
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64





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Data File : BG047383.D
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Operator : CG/JU
Sample : L4711-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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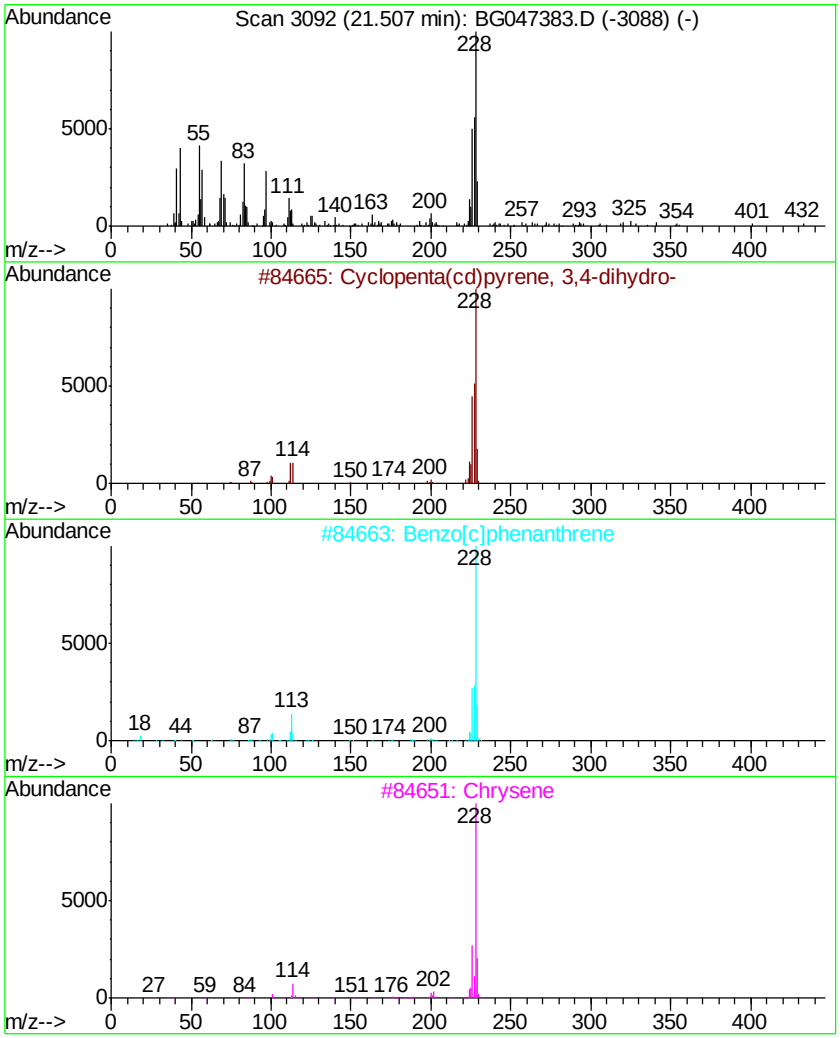
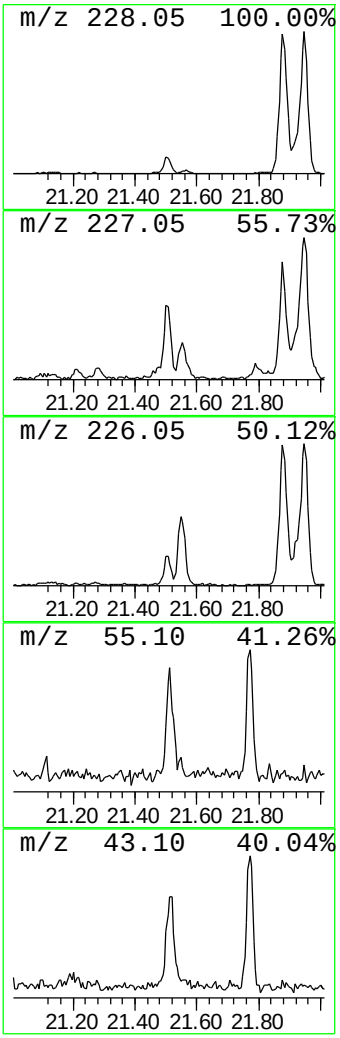
Peak Number 12 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.51	2.29 ng/ul	176945	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	52
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	47
3	Chrysene	228	C18H12	000218-01-9	43
4	Triphenylene	228	C18H12	000217-59-4	43
5	2-Nitrophenyl selenocyanate	228	C7H4N2O2Se	051694-22-5	43





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Operator : CG/JU
Sample : L4711-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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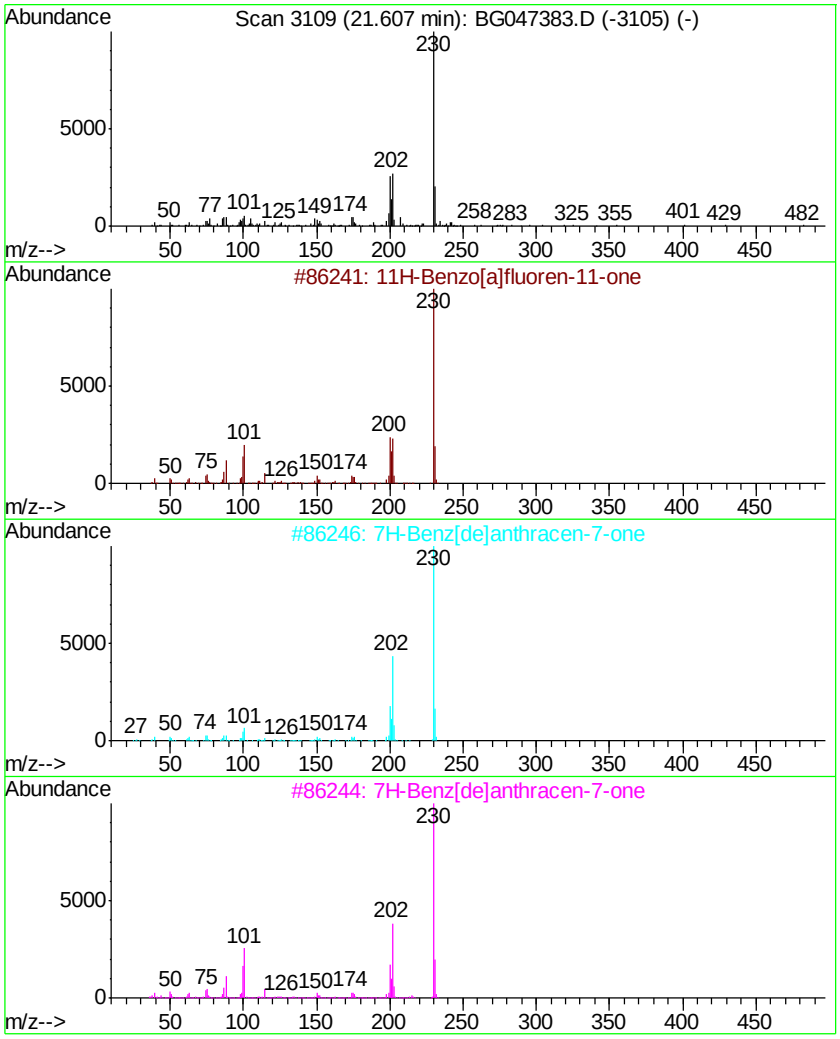
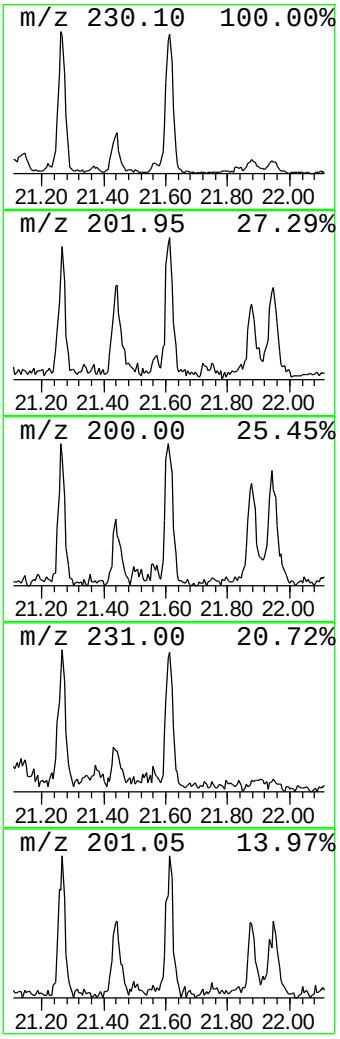
Peak Number 13 7H-Benz[de]anthracen-7-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.61	3.12 ng/ul	241345	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	50
4	p-Terphenyl	230	C18H14	000092-94-4	47
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	45





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Operator : CG/JU
Sample : L4711-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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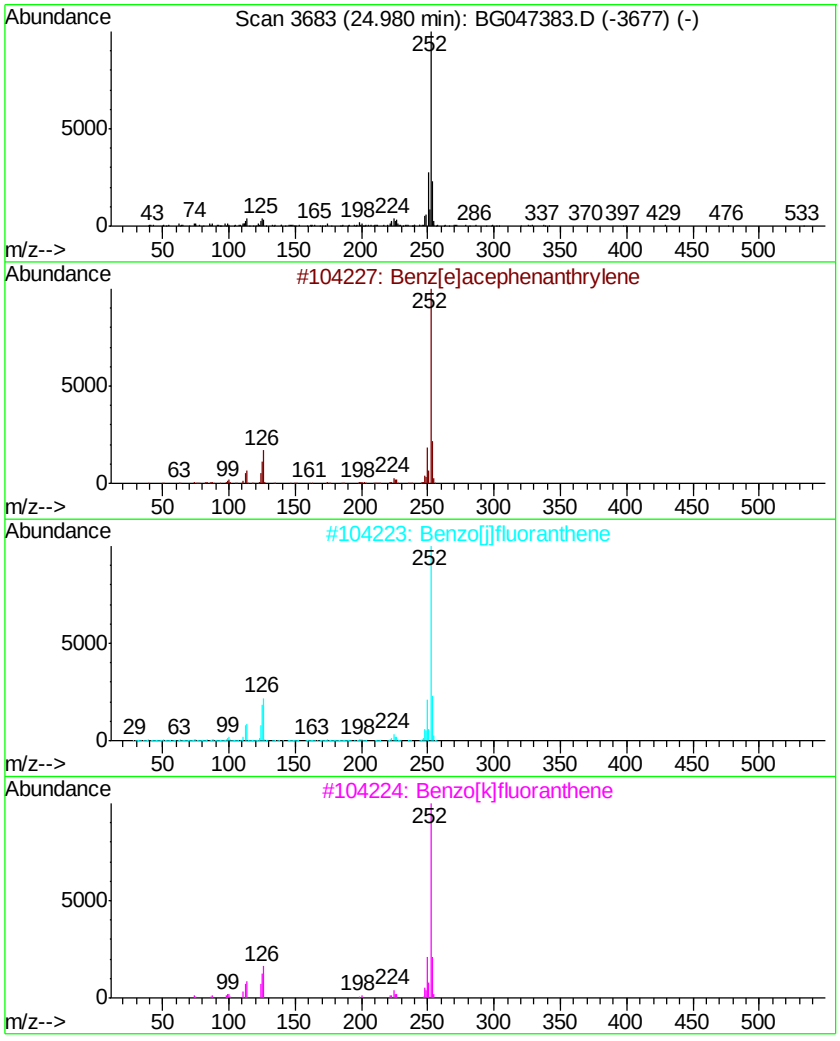
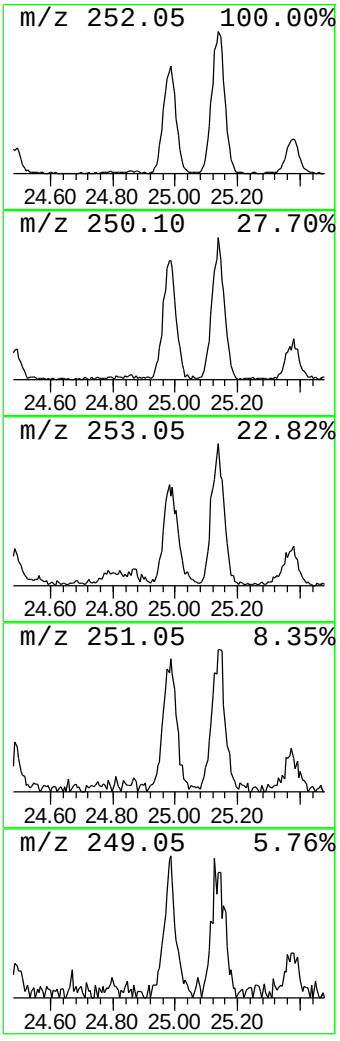
Peak Number 14 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.98	13.86 ng/ul	355064	Perylene-d12	25.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112020\
Data File : BG047383.D
Acq On : 20 Nov 2020 20:20
Operator : CG/JU
Sample : L4711-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2,4,7,9-Tetrameth...	13.77	8.1	ng/ul	223022	3	14.89	547918	20.0
Phenanthrene, 1-m...	18.49	4.0	ng/ul	147169	4	17.62	727344	20.0
Anthracene, 9-met...	18.53	3.8	ng/ul	137624	4	17.62	727344	20.0
4H-Cyclopenta[def...	18.68	4.8	ng/ul	174126	4	17.62	727344	20.0
(DEL) Alkane: Str...	18.97	2.3	ng/ul	83765	4	17.62	727344	20.0
9,10-Anthracenedione	19.01	4.3	ng/ul	155123	4	17.62	727344	20.0
5-Octadecene, (E)-	19.33	2.1	ng/ul	75215	4	17.62	727344	20.0
Cyclopenta(def)ph...	19.53	2.3	ng/ul	84969	4	17.62	727344	20.0
Phthalic acid, 2,...	20.30	2.1	ng/ul	159530	5	21.90	1547940	20.0
11H-Benzo[b]fluorene	20.49	2.6	ng/ul	204988	5	21.90	1547940	20.0
11H-Benzo[a]fluor...	21.27	2.5	ng/ul	197676	5	21.90	1547940	20.0
Cyclopenta(cd)pyr...	21.51	2.3	ng/ul	176945	5	21.90	1547940	20.0
7H-Benz[de]anthra...	21.61	3.1	ng/ul	241345	5	21.90	1547940	20.0
Benzo[j]fluoranthene	24.98	13.9	ng/ul	355064	6	25.30	512399	20.0