LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047115.D
Acq On : 29 Oct 2020 11:42
Operator : CG/JU
Sample : L4499-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW2B6

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-BG102220MA.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	3.462	17	21	26	rBV4	10208	18935	0.63%	0.054%
2	3.991	105	111	117	rBV	41155	61416	2.04%	0.175%
3	4.220	145	150	157	rBV7	5443	12045	0.40%	0.034%
4	4.778	239	245	251	rBV6	5476	9734	0.32%	0.028%
5	5.231	317	322	328	rVB4	10547	16561	0.55%	0.047%
6	7.205	651	658	669	rBV	168342	305139	10.15%	0.869%
7	7.375	681	687	696	rVB	124502	204243	6.79%	0.582%
8	7.587	717	723	729	rBV	176495	294073	9.78%	0.838%
9	8.057	795	803	811	rVB	201061	347519	11.56%	0.990%
10	8.756	914	922	933	rBV2	207092	362626	12.06%	1.033%
11	9.220	991	1001	1009	rBV	165810	295822	9.84%	0.843%
12	9.943	1117	1124	1133	rBV2	150562	270340	8.99%	0.770%
13	10.483	1208	1216	1224	rBV	239479	431047	14.33%	1.228%
14	10.871	1272	1282	1289	rBV	275667	503792	16.75%	1.435%
15	11.000	1297	1304	1313	rBV2	93267	194592	6.47%	0.554%
16	13.574	1735	1742	1748	rBV2	46721	72718	2.42%	0.207%
17	14.085	1822	1829	1834	rVV	450304	678174	22.55%	1.932%
18	14.132	1834	1837	1845	rVB	172120	231111	7.68%	0.658%
19	14.384	1873	1880	1887	rBV	515244	787577	26.19%	2.243%
20	14.649	1921	1925	1926	rVV2	8176	10742	0.36%	0.031%
21	14.690	1926	1932	1938	rVV2	505594	779768	25.93%	2.221%
22	14.755	1938	1943	1948	rVB	35725	52727	1.75%	0.150%
23	14.872	1957	1963	1976	rVV	173759	307210	10.21%	0.875%
24	15.025	1986	1989	1994	rVV4	9511	16029	0.53%	0.046%
25	15.090	1994	2000	2006	rVB2	23274	39696	1.32%	0.113%
26	15.683	2094	2101	2106	rBV	663832	1029378	34.23%	2.932%
27	15.736	2106	2110	2114	rVV3	44618	69232	2.30%	0.197%
28	15.795	2114	2120	2128	rVV	181692	284899	9.47%	0.812%
29	15.853	2128	2130	2134	rVV3	8053	11049	0.37%	0.031%
30	15.900	2134	2138	2139	rVV2	8538	12148	0.40%	0.035%
31	15.912	2139	2140	2146	rVV5	11331	19090	0.63%	0.054%
32	16.024	2156	2159	2168	rVB	16039	26773	0.89%	0.076%
33	16.177	2180	2185	2193	rVB4	17551	33358	1.11%	0.095%
34	16.412	2216	2225	2230	rBV7	14014	32875	1.09%	0.094%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
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Acq On : 29 Oct 2020 11:42
Operator : CG/JU
Sample : L4499-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW2B6

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-BG102220MA.M
Title : SVOA CALIBRATION

35	16.735	2272	2280	2286	rBV9	13556	28303	0.94%	0.081%
36	16.964	2312	2319	2322	rBV6	12328	28425	0.95%	0.081%
37	17.005	2322	2326	2329	rVB5	9948	11561	0.38%	0.033%
38	17.081	2335	2339	2346	rVB2	40450	59413	1.98%	0.169%
39	17.175	2349	2355	2358	rBV6	14715	30946	1.03%	0.088%
40	17.252	2362	2368	2374	rVB	44838	73271	2.44%	0.209%
41	17.310	2376	2378	2380	rBV3	10825	9629	0.32%	0.027%
42	17.434	2392	2399	2403	rBV	660672	1021826	33.98%	2.911%
43	17.475	2403	2406	2411	rVB	866533	1198113	39.84%	3.413%
44	17.534	2411	2416	2421	rBV2	714887	1035585	34.43%	2.950%
45	17.628	2427	2432	2436	rVB2	30340	47884	1.59%	0.136%
46	17.704	2443	2445	2447	rBV3	8323	9230	0.31%	0.026%
47	17.833	2460	2467	2473	rVV2	66705	120145	3.99%	0.342%
48	17.951	2483	2487	2495	rVB4	22107	36383	1.21%	0.104%
49	18.021	2495	2499	2502	rBV6	19105	30969	1.03%	0.088%
50	18.092	2507	2511	2514	rBV6	12544	21976	0.73%	0.063%
51	18.198	2526	2529	2535	rBV8	14936	24551	0.82%	0.070%
52	18.256	2535	2539	2544	rVV	206506	297104	9.88%	0.846%
53	18.315	2544	2549	2553	rVV2	339435	513845	17.09%	1.464%
54	18.356	2553	2556	2565	rVV2	149731	272994	9.08%	0.778%
55	18.439	2567	2570	2573	rVV	22549	32093	1.07%	0.091%
56	18.503	2575	2581	2585	rVV2	160487	287533	9.56%	0.819%
57	18.538	2585	2587	2592	rVB	62174	80291	2.67%	0.229%
58	18.615	2595	2600	2603	rVV7	11464	19976	0.66%	0.057%
59	18.656	2603	2607	2610	rVV6	10082	14564	0.48%	0.041%
60	18.744	2619	2622	2626	rBV6	10127	15037	0.50%	0.043%
61	18.803	2628	2632	2635	rBV	100083	139361	4.63%	0.397%
62	18.844	2635	2639	2645	rVB	193035	278232	9.25%	0.793%
63	19.050	2670	2674	2678	rBV5	22641	31736	1.06%	0.090%
64	19.138	2687	2689	2692	rVB3	23711	21768	0.72%	0.062%
65	19.226	2699	2704	2709	rBV4	41155	72083	2.40%	0.205%
66	19.279	2709	2713	2716	rBV5	20691	29416	0.98%	0.084%
67	19.361	2722	2727	2735	rBV2	81082	141391	4.70%	0.403%
68	19.484	2738	2748	2754	rVV	2073029	3007449	100.00%	8.567%
69	19.578	2761	2764	2768	rBV4	72744	94848	3.15%	0.270%
70	19.672	2777	2780	2783	rBV5	27259	37862	1.26%	0.108%
71	19.725	2787	2789	2794	rVB	59971	69615	2.31%	0.198%

LSC Area Percent Report

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Acq On : 29 Oct 2020 11:42
Operator : CG/JU
Sample : L4499-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW2B6

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-BG102220MA.M
Title : SVOA CALIBRATION

72	19.819	2799	2805	2807	rBV2	1072009	1749315	58.17%	4.983%
73	19.849	2807	2810	2817	rVB	1499240	1989626	66.16%	5.668%
74	19.913	2817	2821	2826	rBV2	76772	103901	3.45%	0.296%
75	20.019	2835	2839	2843	rBV	94851	133417	4.44%	0.380%
76	20.084	2846	2850	2857	rVB	75610	122733	4.08%	0.350%
77	20.166	2858	2864	2870	rBV2	89415	241602	8.03%	0.688%
78	20.295	2882	2886	2888	rBV3	62149	90246	3.00%	0.257%
79	20.330	2889	2892	2897	rVB	213668	305847	10.17%	0.871%
80	20.430	2905	2909	2913	rBV	131617	180870	6.01%	0.515%
81	20.489	2917	2919	2923	rVB	92111	119987	3.99%	0.342%
82	20.636	2941	2944	2946	rBV	49321	51782	1.72%	0.148%
83	20.677	2949	2951	2954	rVB2	52450	53186	1.77%	0.152%
84	21.094	3018	3022	3027	rVB	183039	246492	8.20%	0.702%
85	21.282	3047	3054	3058	rBV2	161000	334859	11.13%	0.954%
86	21.329	3058	3062	3064	rVV	144812	245002	8.15%	0.698%
87	21.370	3066	3069	3074	rVV2	211203	426337	14.18%	1.214%
88	21.429	3074	3079	3093	rVB2	239036	478764	15.92%	1.364%
89	21.694	3117	3124	3130	rBV3	916203	2370838	78.83%	6.754%
90	21.752	3130	3134	3146	rVB	824743	1406068	46.75%	4.005%
91	21.905	3156	3160	3167	rBV2	110468	166014	5.52%	0.473%
92	21.970	3168	3171	3178	rVB4	47760	86909	2.89%	0.248%
93	22.111	3190	3195	3202	rVB2	96567	185853	6.18%	0.529%
94	22.516	3258	3264	3269	rVB5	112952	242238	8.05%	0.690%
95	23.914	3494	3502	3510	rBV2	593878	2004665	66.66%	5.710%
96	24.643	3620	3626	3633	rBV2	280546	716618	23.83%	2.041%
97	24.725	3634	3640	3645	rVV	337553	823934	27.40%	2.347%
98	24.796	3645	3652	3667	rVB	420290	1211412	40.28%	3.451%
99	24.949	3669	3678	3686	rBV	360335	1104660	36.73%	3.147%
100	28.638	4297	4306	4322	rVB3	188555	844204	28.07%	2.405%

Sum of corrected areas: 35105225

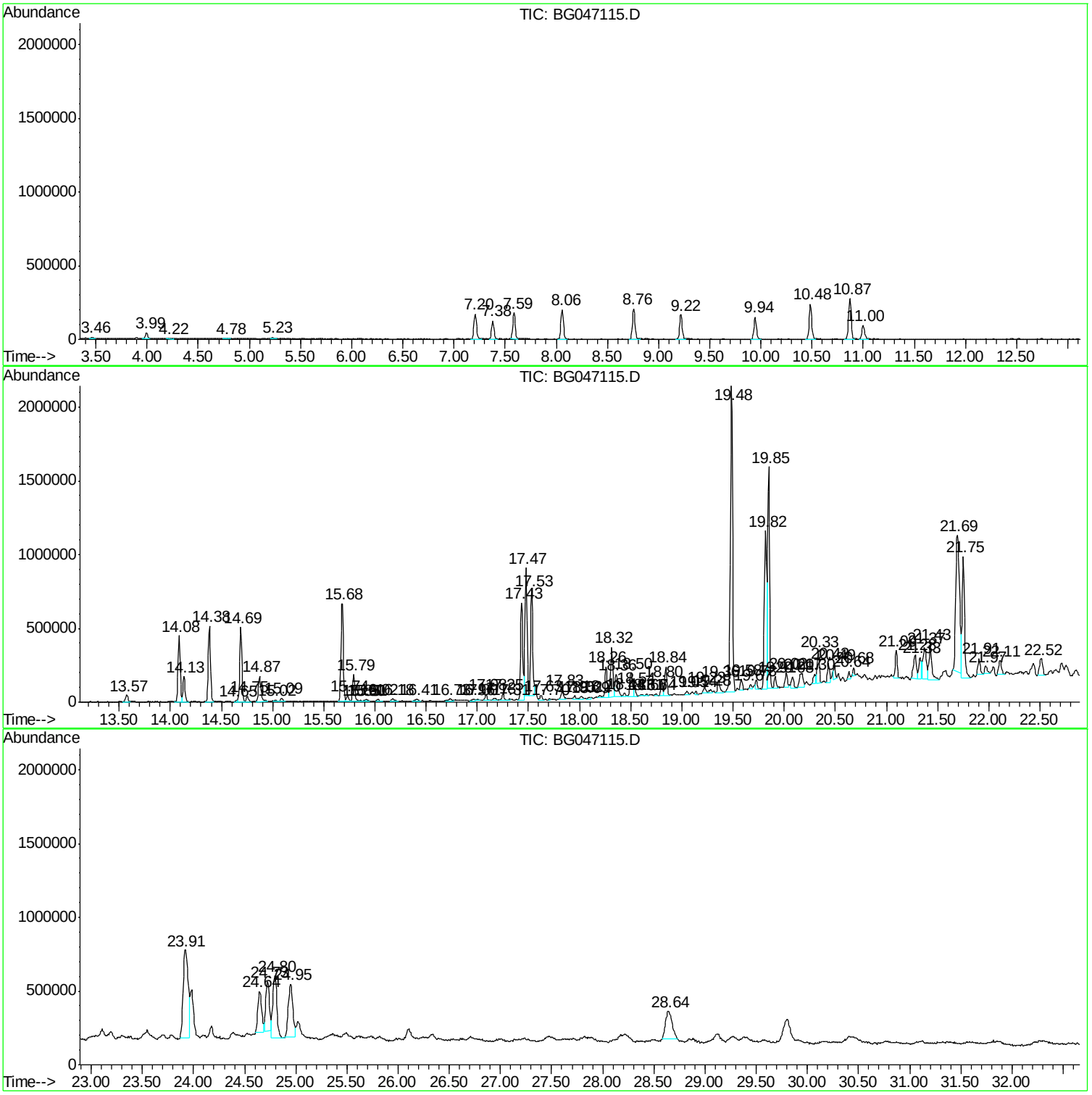
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047115.D
Acq On : 29 Oct 2020 11:42
Operator : CG/JU
Sample : L4499-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW2B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.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\BG102920\
Data File : BG047115.D
Acq On : 29 Oct 2020 11:42
Operator : CG/JU
Sample : L4499-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW2B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

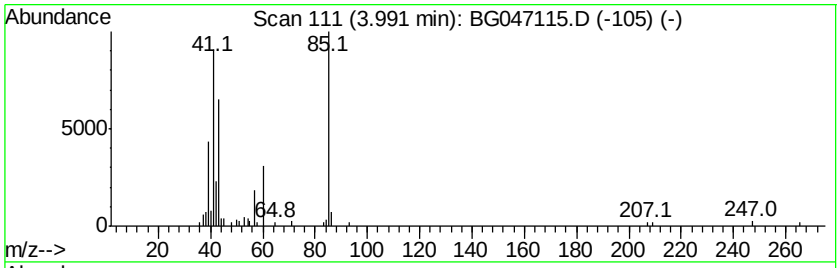
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

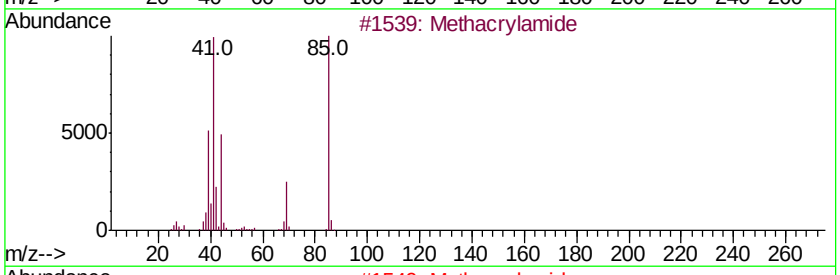
****

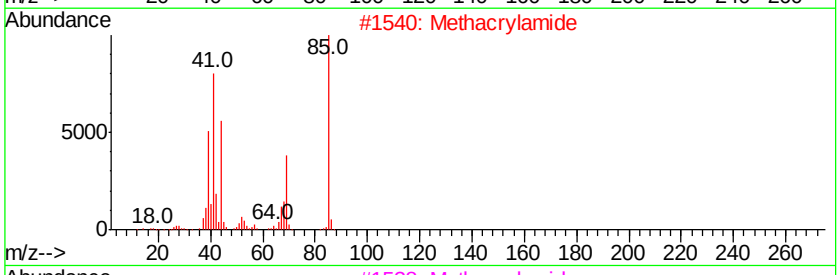
Peak Number 1 Methacrylamide Concentration Rank 9

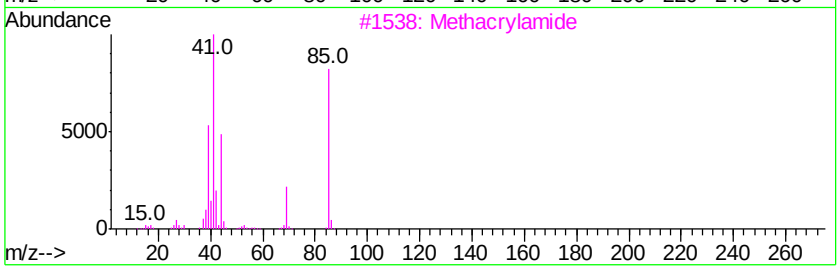
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	3.53 ng/ul	61416	1,4-Dichlorobenzene-d4	8.06

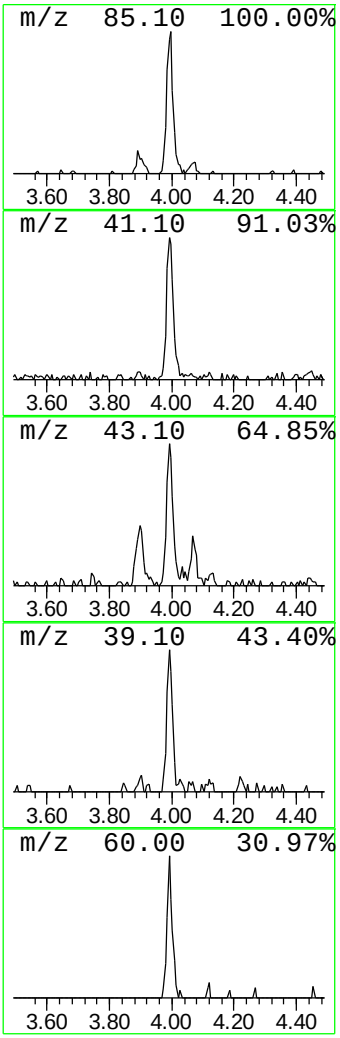
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	72
2	Methacrylamide	85	C4H7NO	000079-39-0	64
3	Methacrylamide	85	C4H7NO	000079-39-0	53
4	2-(Chloromethyl)tetrahydropyran	134	C6H11ClO	018420-41-2	38
5	Sulfurous acid, isohexyl 2-propy...	208	C9H20O3S	1000309-11-6	37











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Data File : BG047115.D
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Sample : L4499-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW2B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

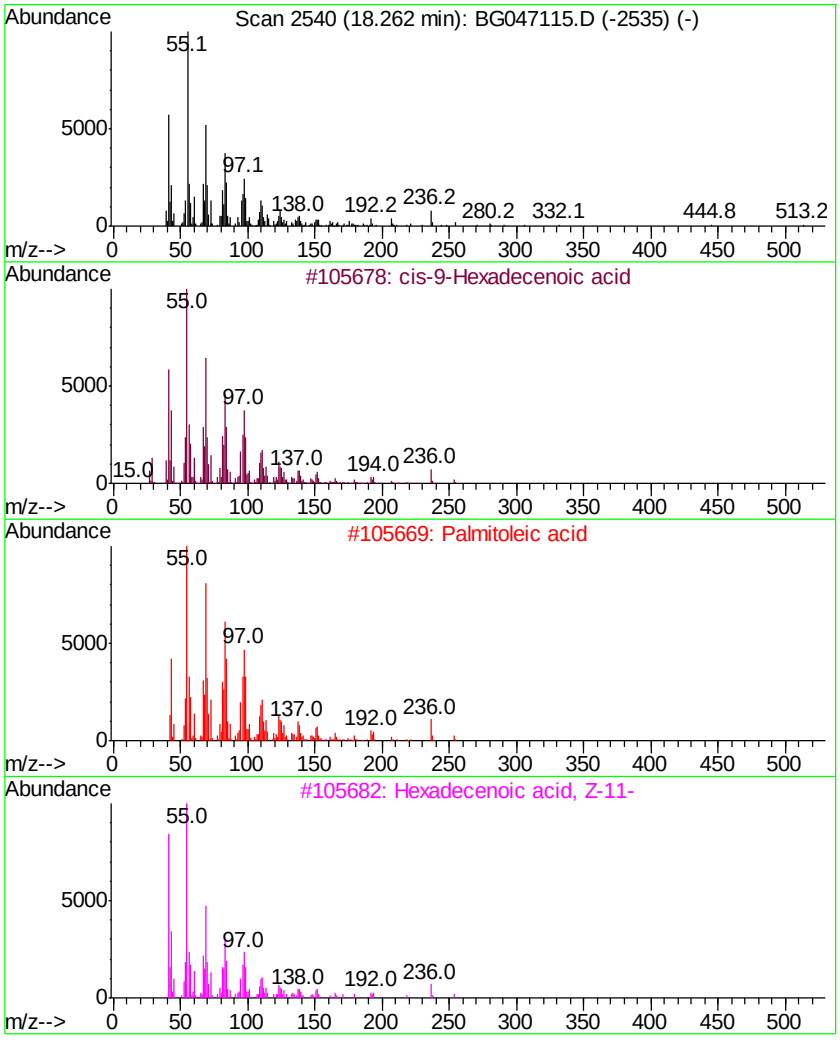
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

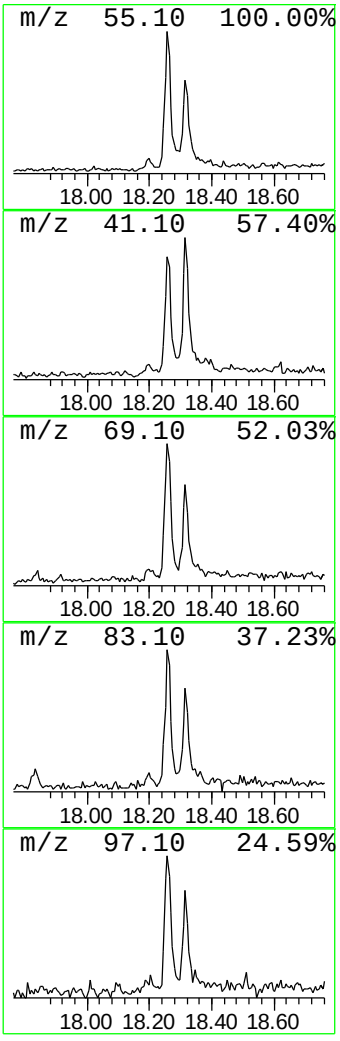
****

Peak Number 2 cis-9-Hexadecenoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	5.82 ng/ul	297104	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	91
2	Palmitoleic acid	254	C16H30O2	000373-49-9	87
3	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	86
4	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	83
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047115.D
Acq On : 29 Oct 2020 11:42
Operator : CG/JU
Sample : L4499-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW2B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

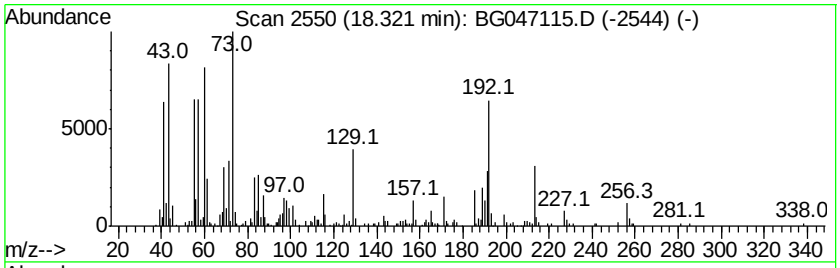
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

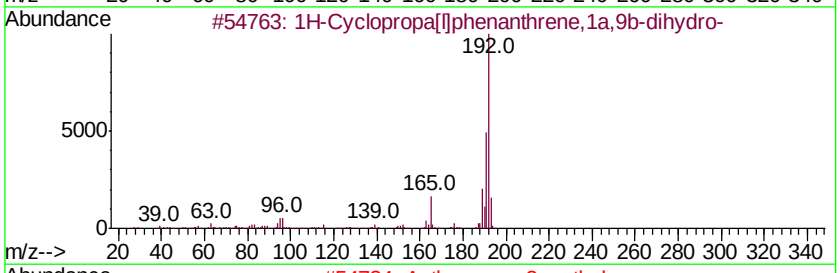
****

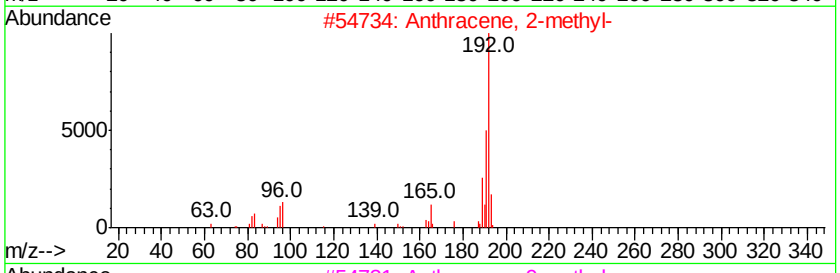
Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

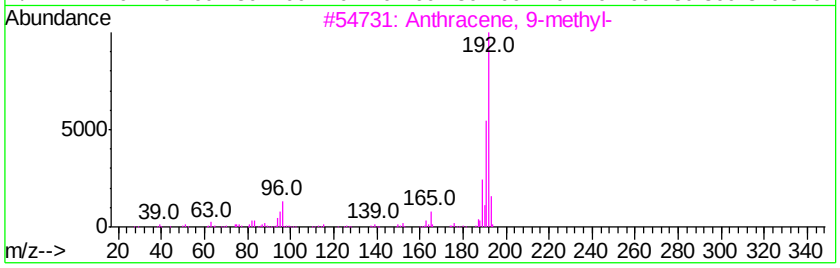
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	10.06 ng/ul	513845	Phenanthrene-d10	17.43

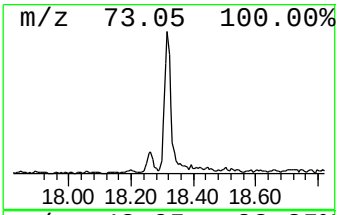
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	84
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	74
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	74

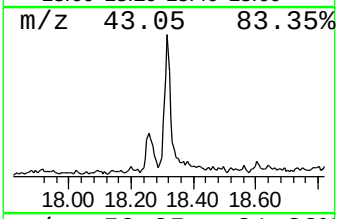


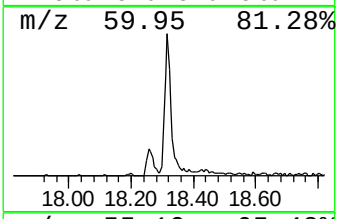


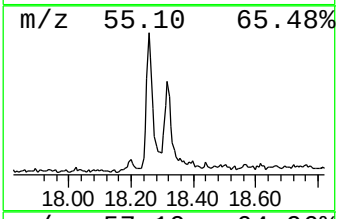


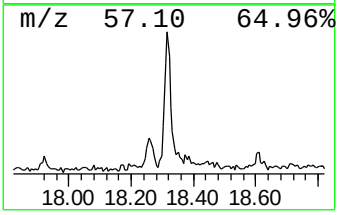












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047115.D
Acq On : 29 Oct 2020 11:42
Operator : CG/JU
Sample : L4499-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW2B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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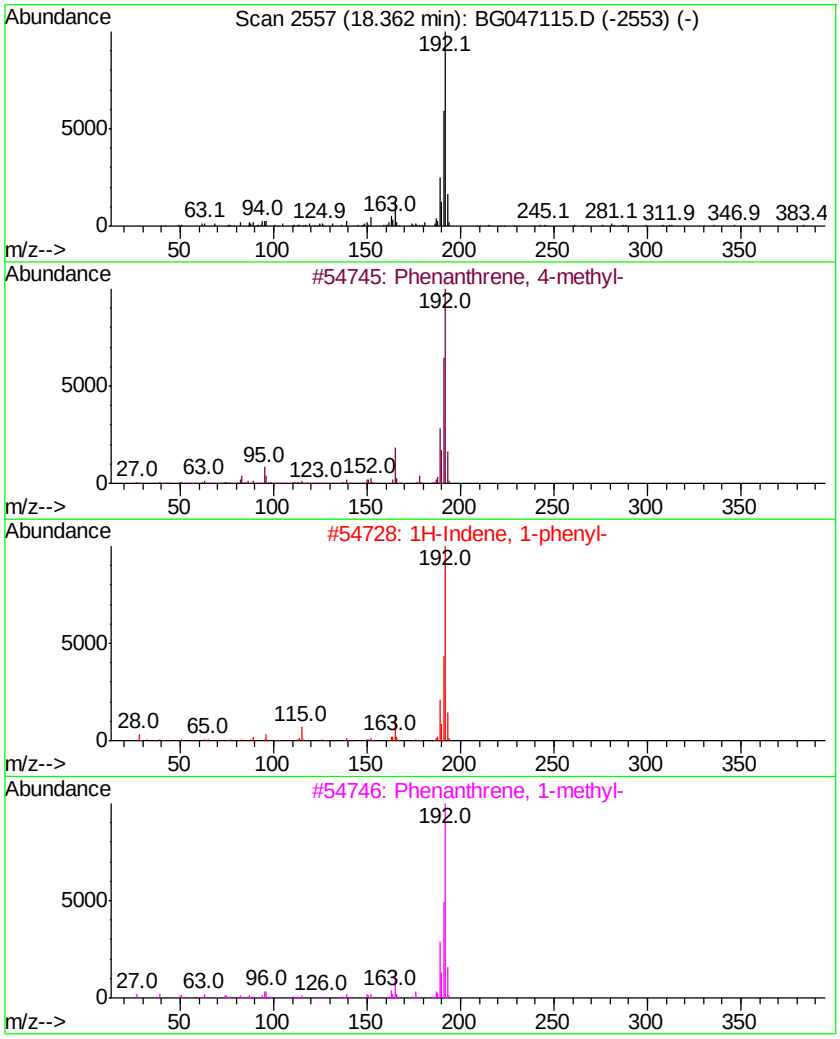
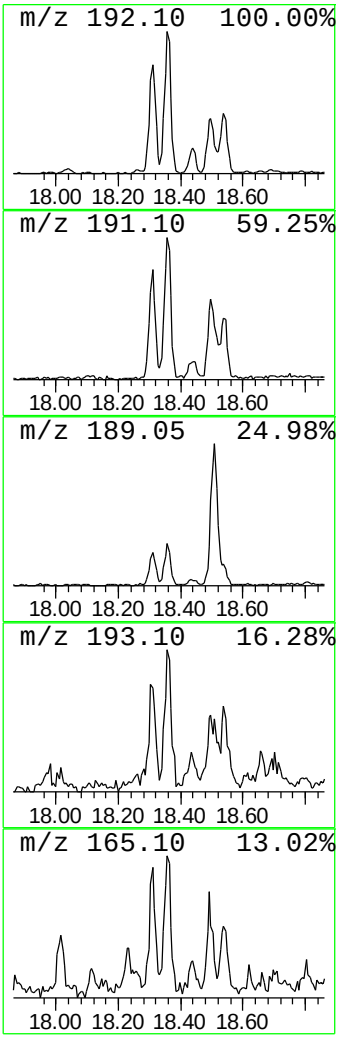
Peak Number 4 Phenanthrene, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	5.34 ng/ul	272994	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Sample : L4499-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW2B6

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Quant Title : SVOA CALIBRATION

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

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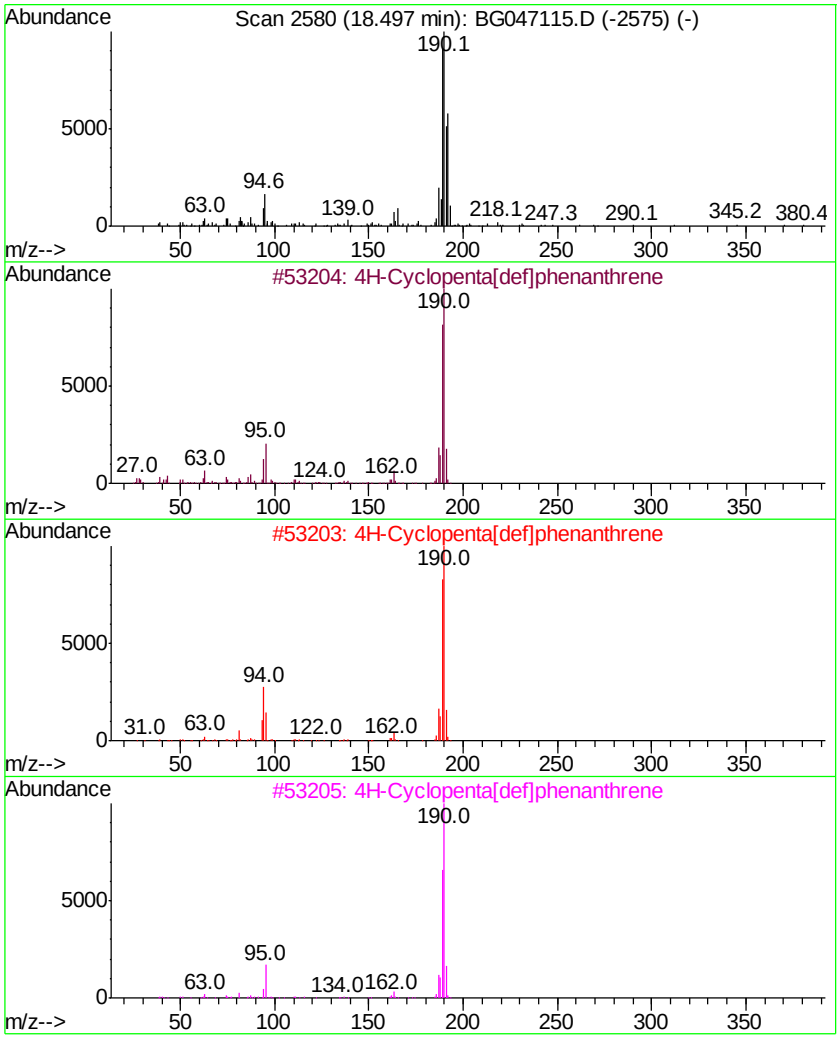
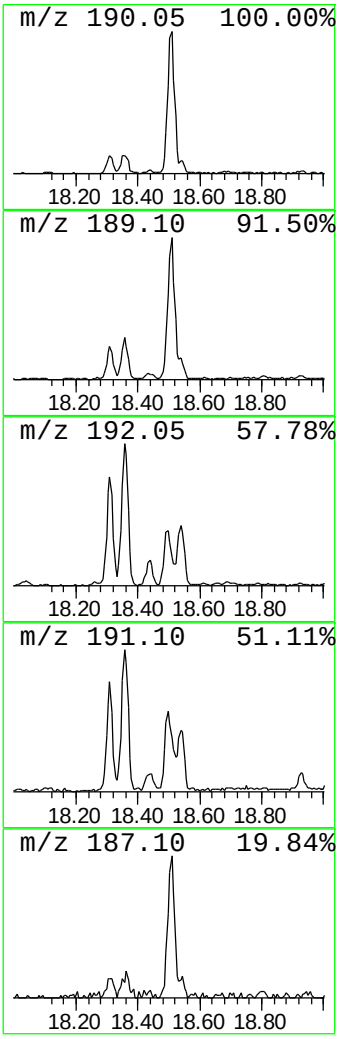
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	5.63 ng/ul	287533	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	64
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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ClientSampleId : EW2B6

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Quant Title : SVOA CALIBRATION

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

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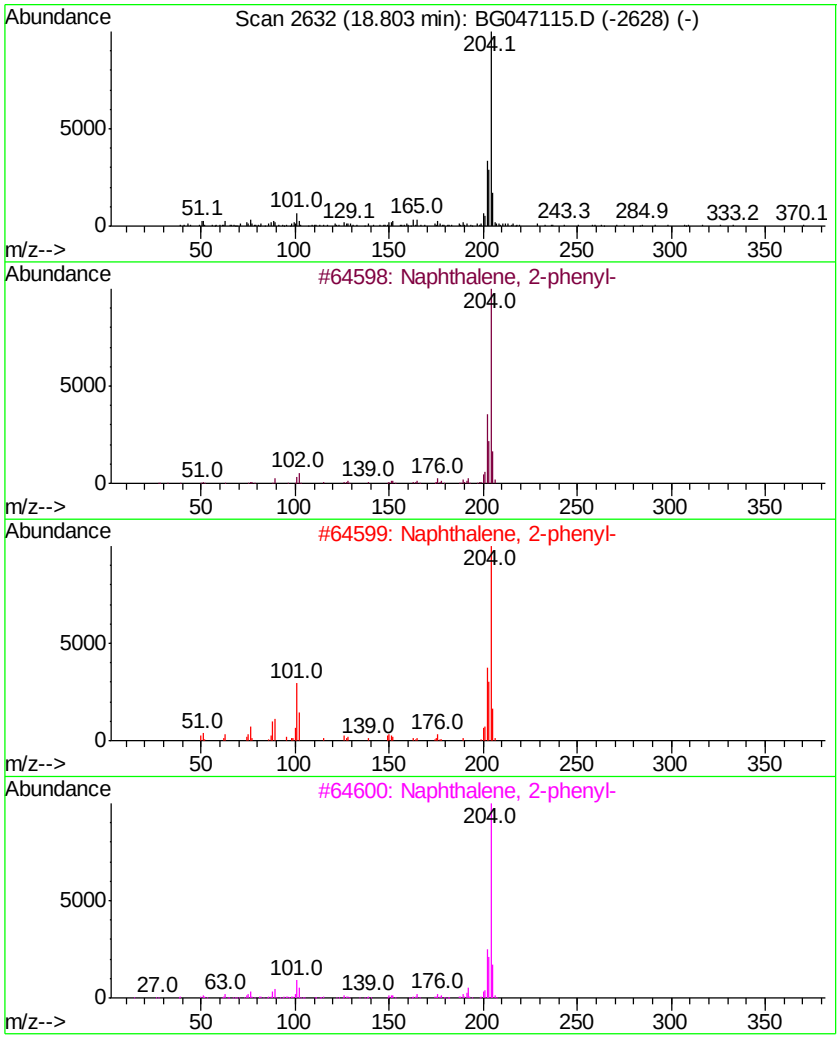
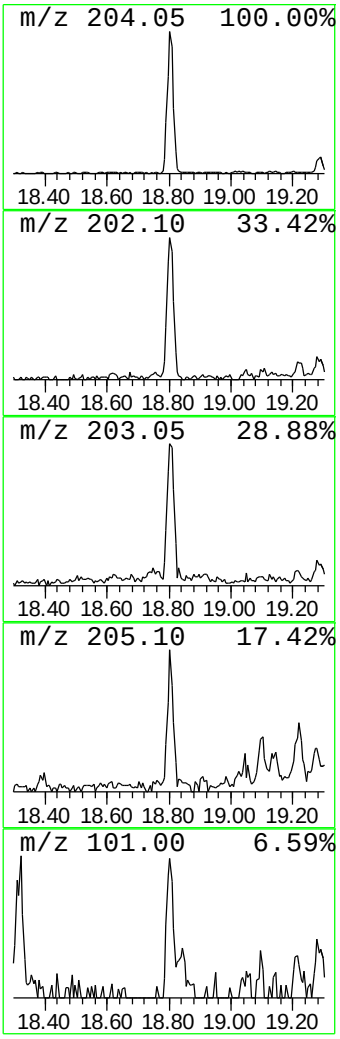
Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	2.73 ng/ul	139361	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	53





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ClientSampleId : EW2B6

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Quant Title : SVOA CALIBRATION

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

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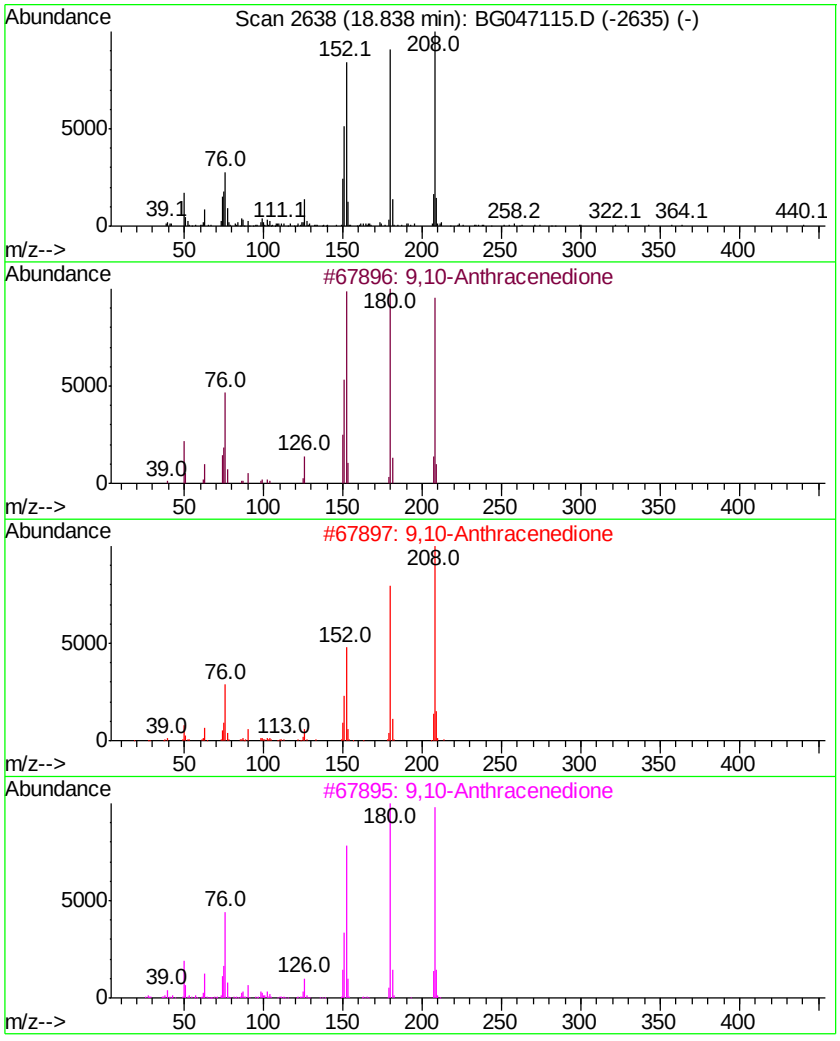
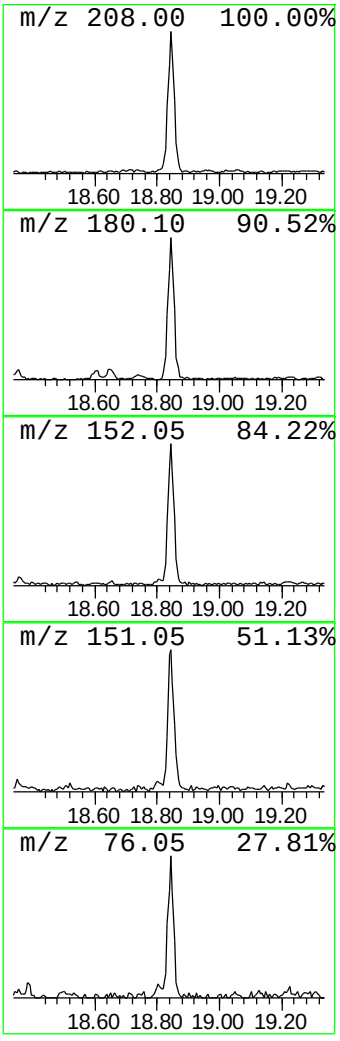
Peak Number 7 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	5.45 ng/ul	278232	Phenanthrene-d10	17.43

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	91
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70





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

Instrument : BNA_G
ClientSampleId : EW2B6

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Quant Title : SVOA CALIBRATION

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

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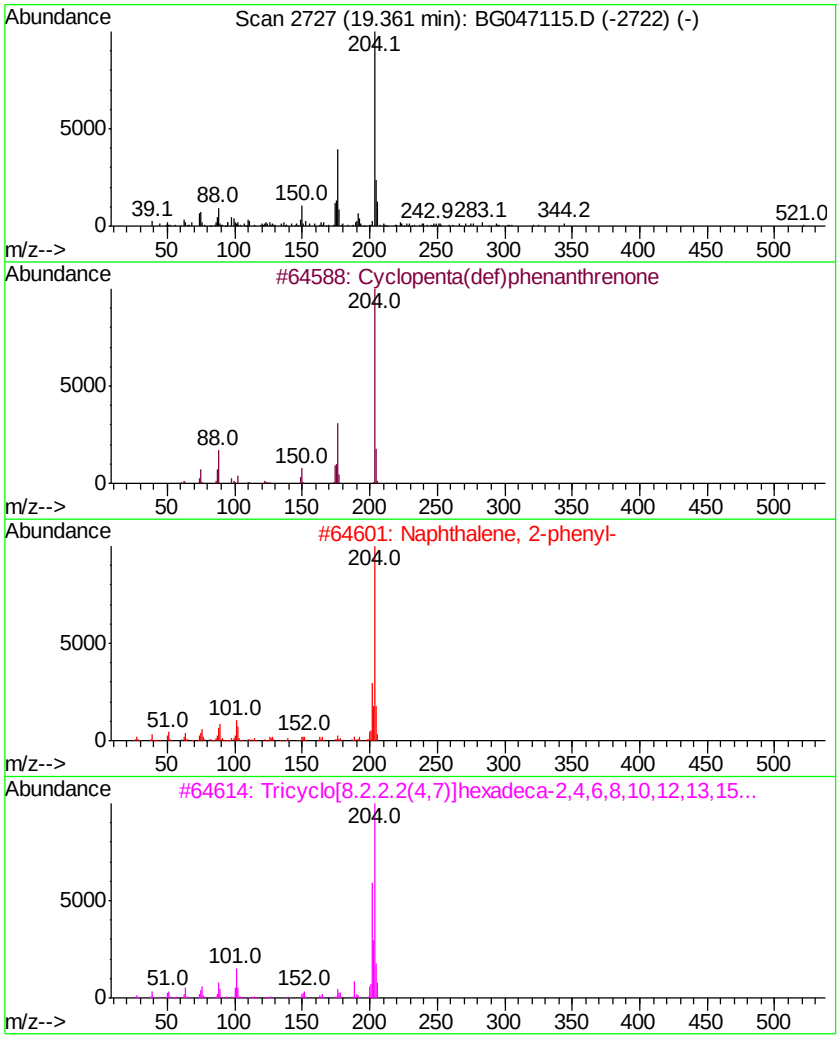
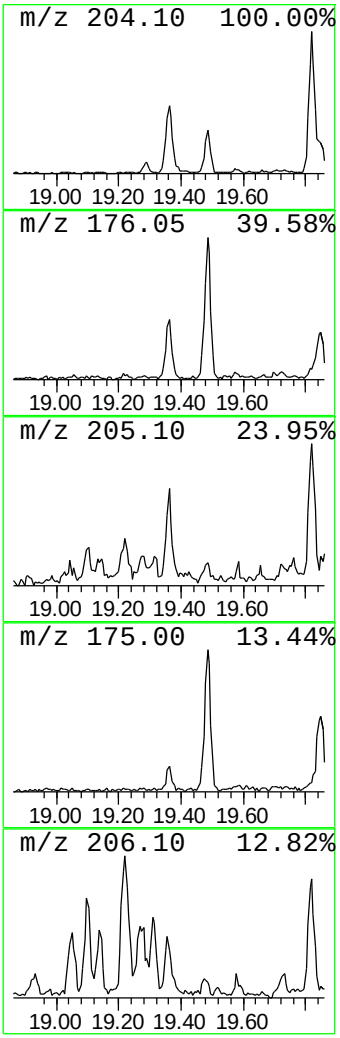
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	2.77 ng/ul	141391	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	47
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	47
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43





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Operator : CG/JU
Sample : L4499-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW2B6

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Quant Title : SVOA CALIBRATION

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

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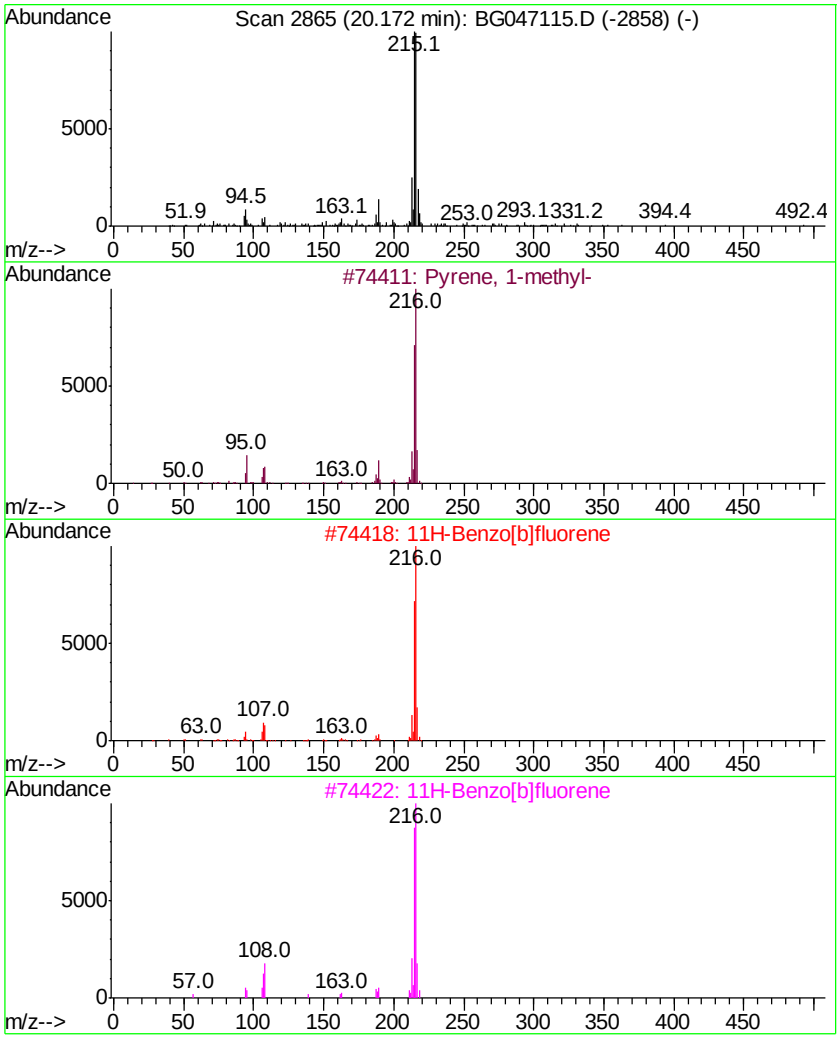
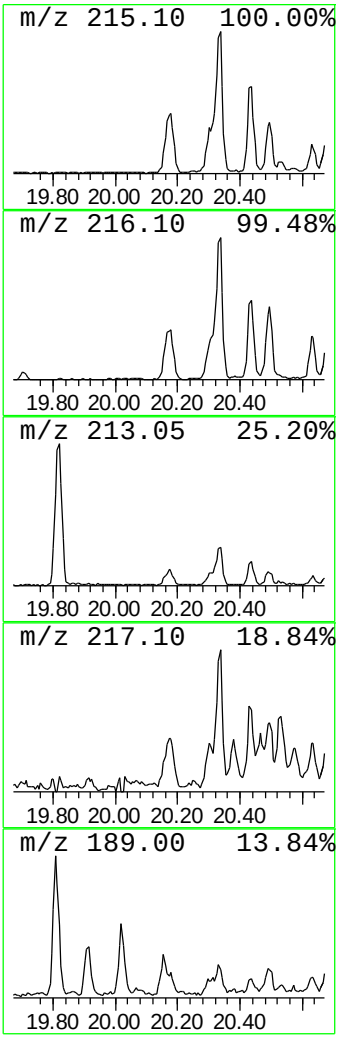
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	2.04 ng/ul	241602	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72





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Operator : CG/JU
Sample : L4499-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW2B6

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Quant Title : SVOA CALIBRATION

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

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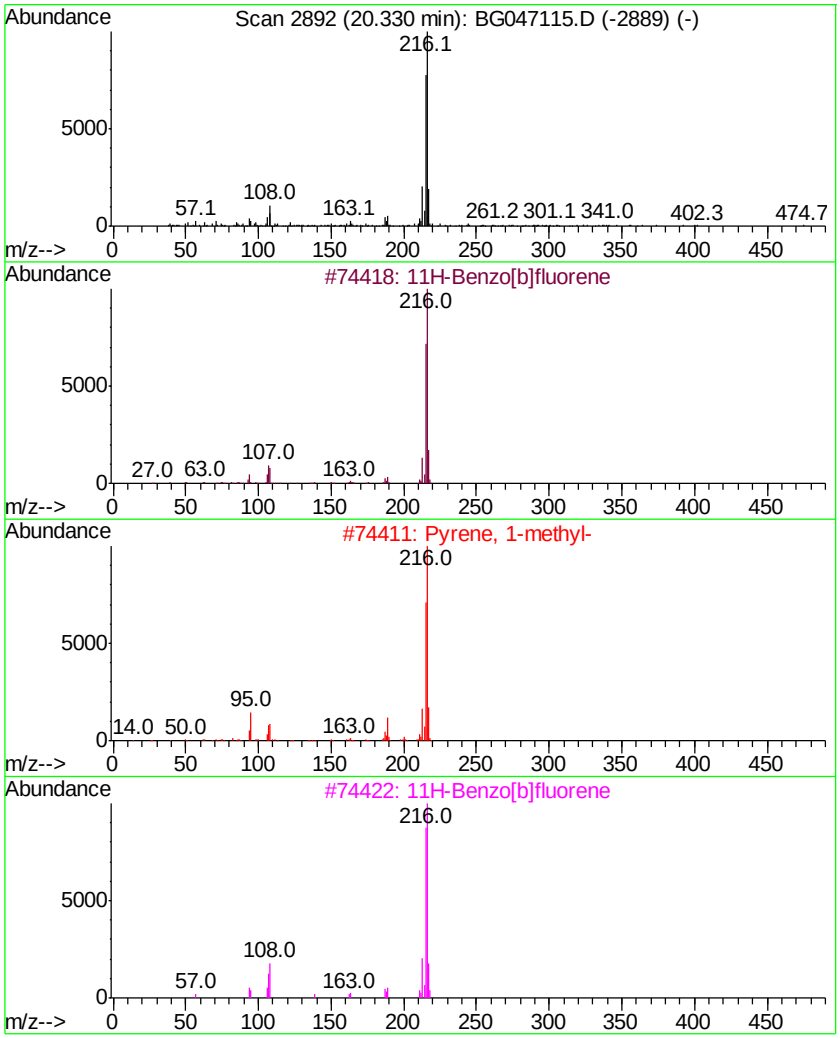
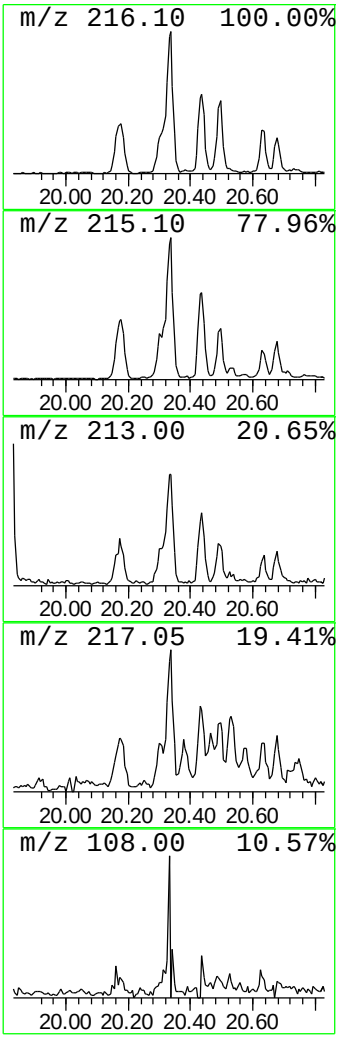
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	2.58 ng/ul	305847	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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Sample : L4499-05
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Instrument : BNA_G
ClientSampleId : EW2B6

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Quant Title : SVOA CALIBRATION

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

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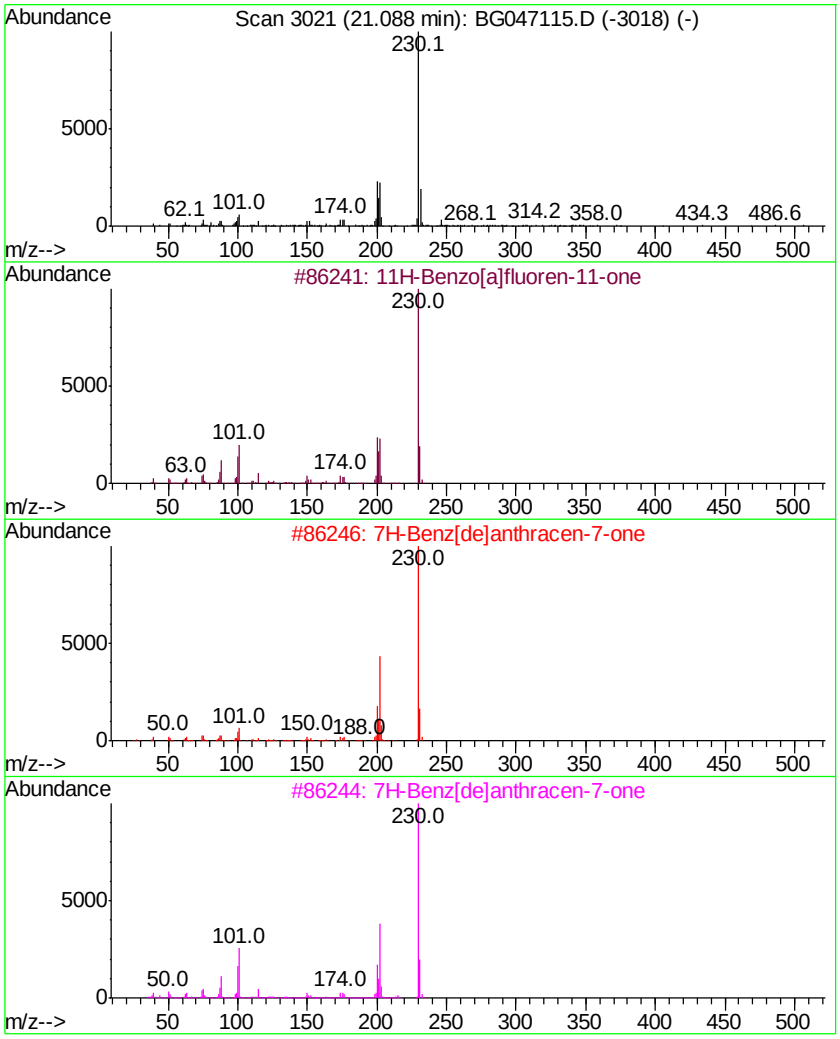
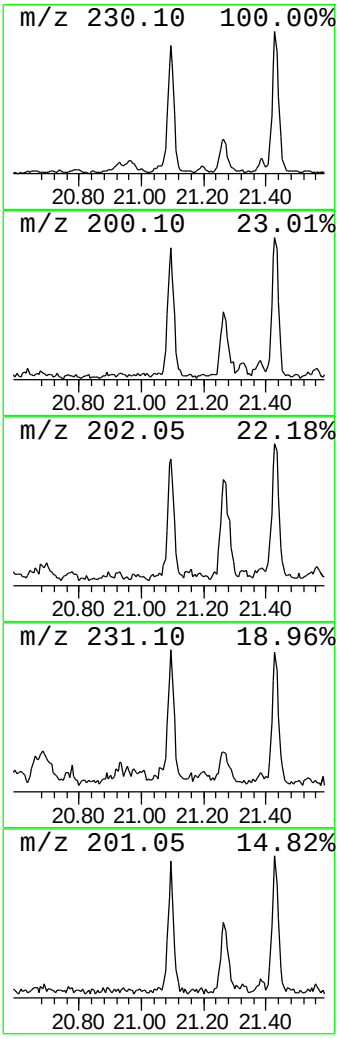
Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	2.08 ng/ul	246492	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
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	81
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	80





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ClientSampleId : EW2B6

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Quant Title : SVOA CALIBRATION

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

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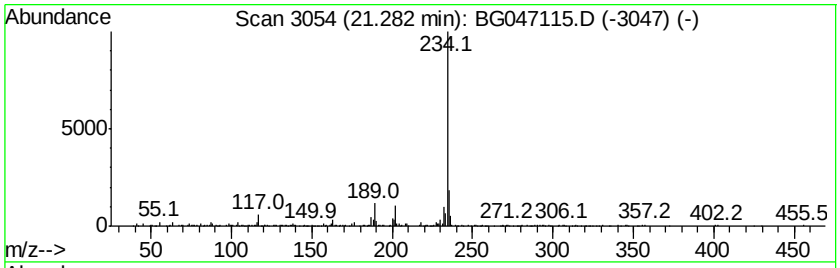
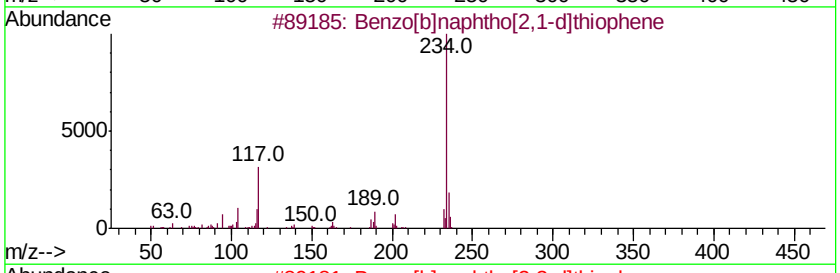
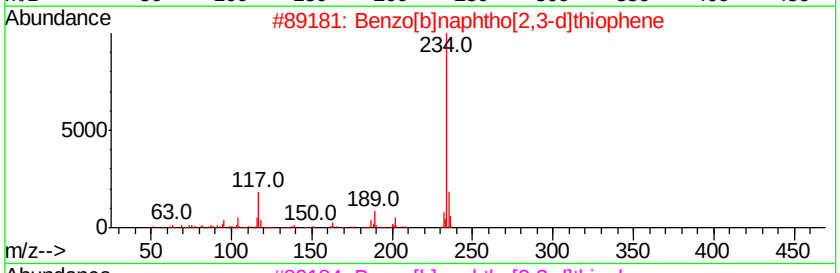
Peak Number 12 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 10

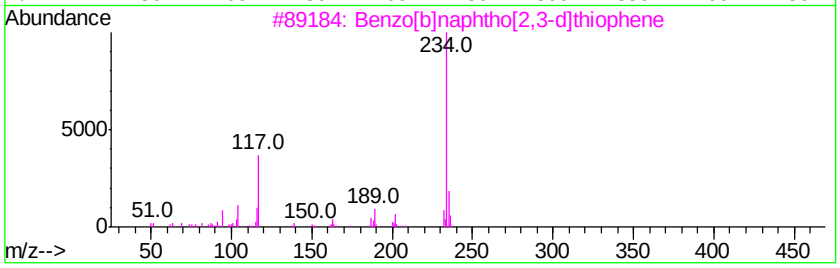
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	2.82 ng/ul	334859	Chrysene-d12	21.71

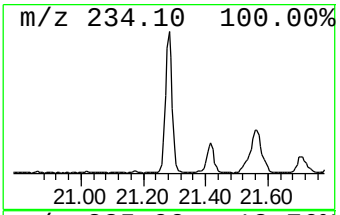
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90

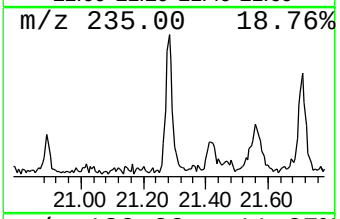


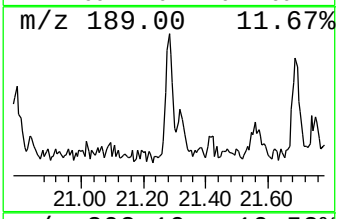


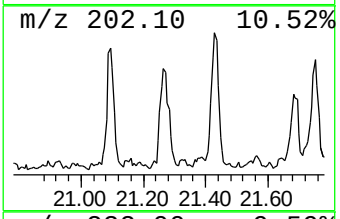


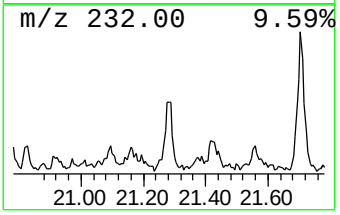












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Acq On : 29 Oct 2020 11:42
Operator : CG/JU
Sample : L4499-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW2B6

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Quant Title : SVOA CALIBRATION

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

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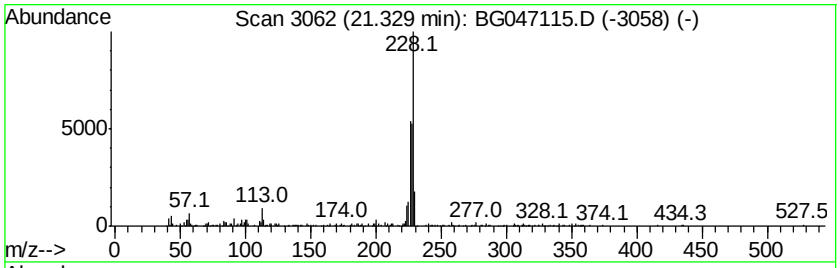
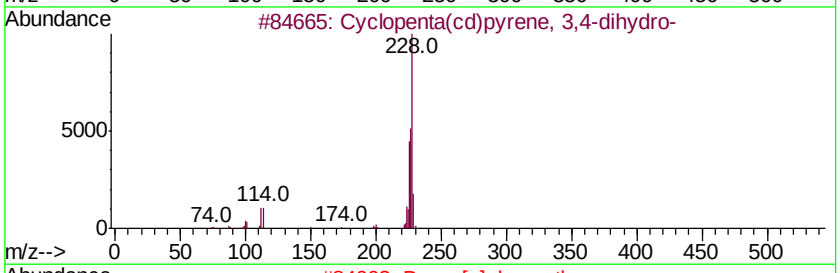
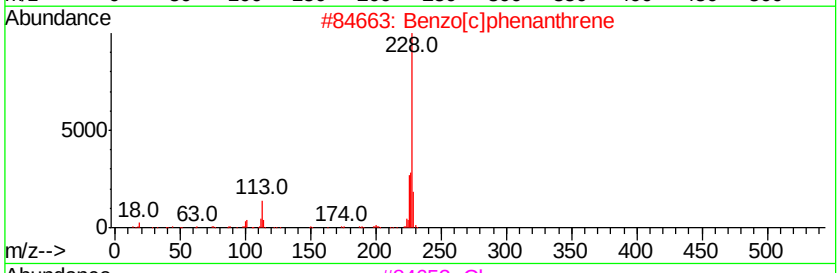
Peak Number 13 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 15

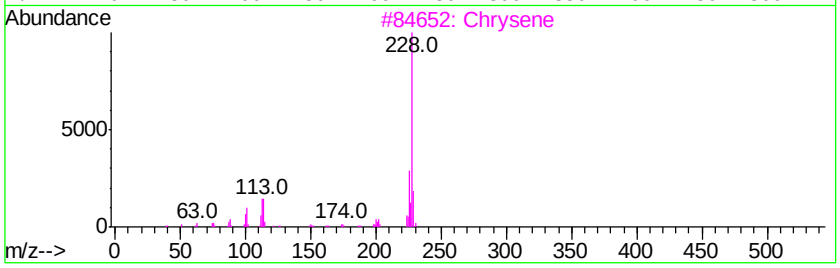
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	2.07 ng/ul	245002	Chrysene-d12	21.71

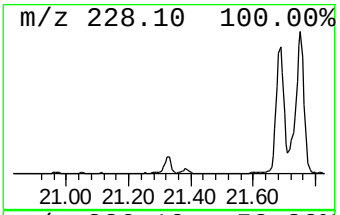
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	52
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	52
3	Chrysene	228	C18H12	000218-01-9	46
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
5	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	43

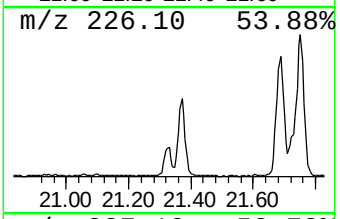


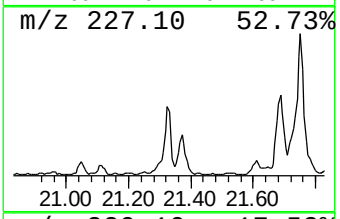


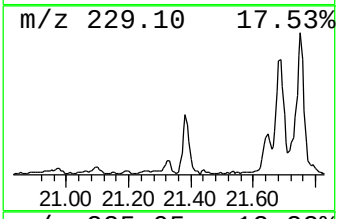


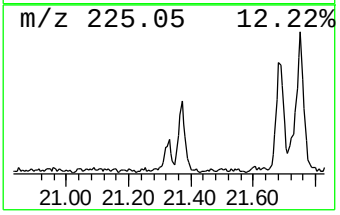












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Data File : BG047115.D
Acq On : 29 Oct 2020 11:42
Operator : CG/JU
Sample : L4499-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW2B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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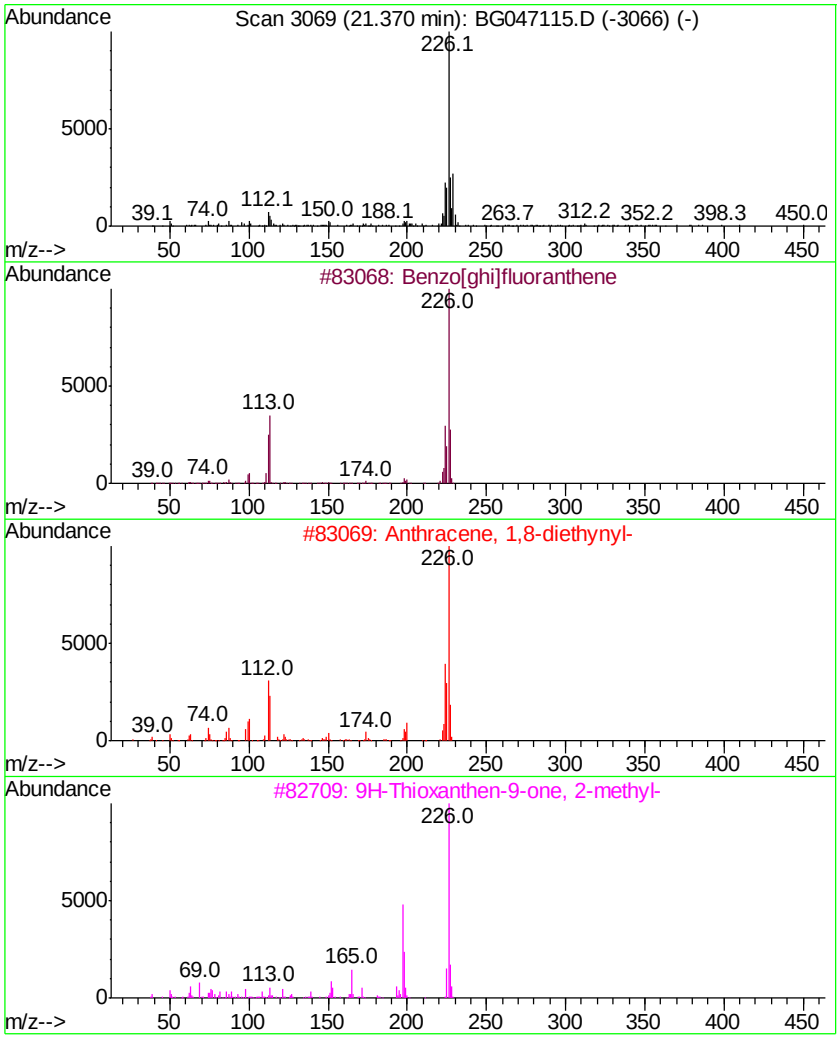
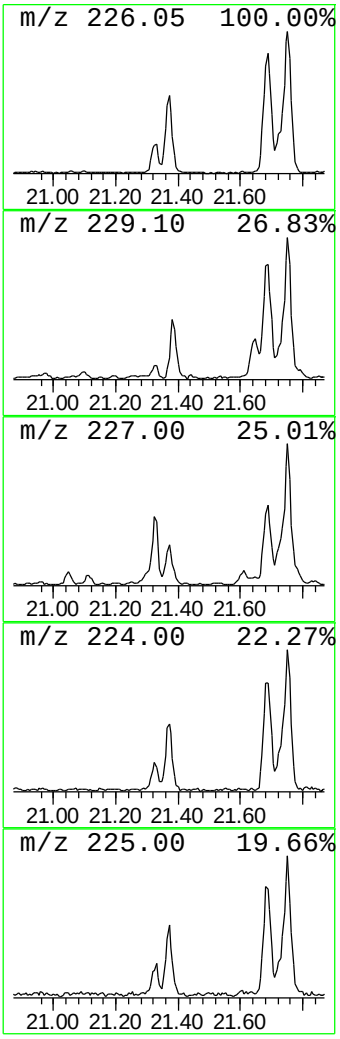
Peak Number 14 Benzo[ghi]fluoranthene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	3.60 ng/ul	426337	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	58
2	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	53
3	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	53
4	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	49
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047115.D
Acq On : 29 Oct 2020 11:42
Operator : CG/JU
Sample : L4499-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW2B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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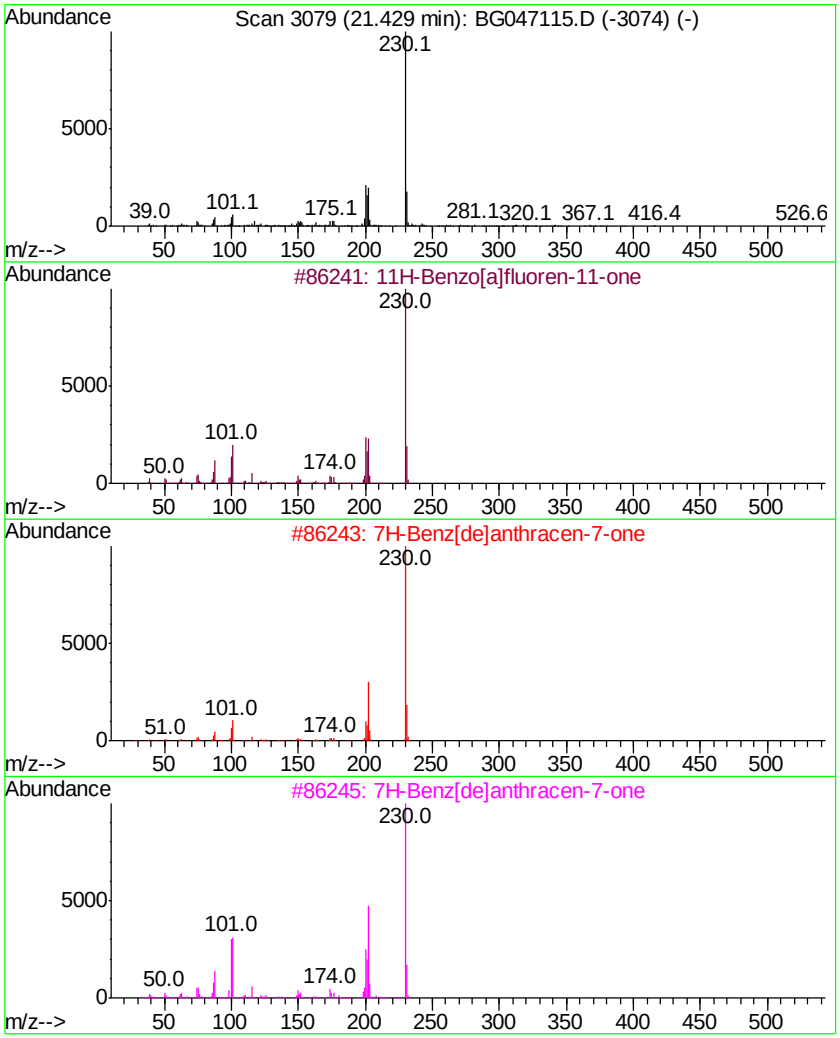
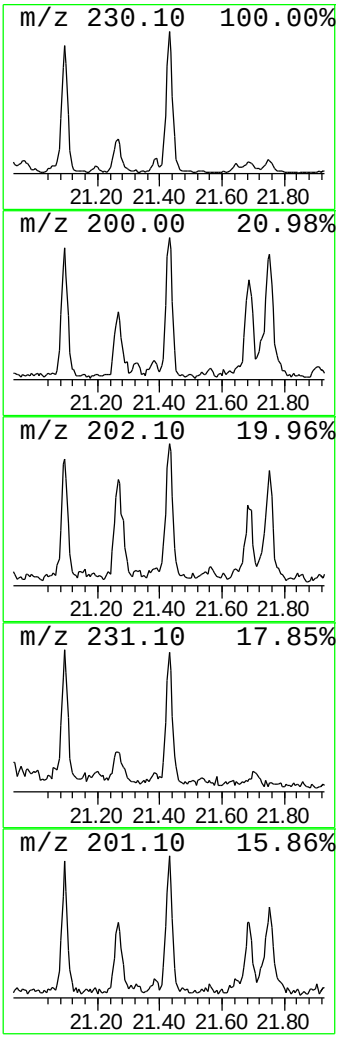
Peak Number 15 7H-Benz[de]anthracen-7-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	4.04 ng/ul	478764	Chrysene-d12	21.71

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	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	87
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047115.D
Acq On : 29 Oct 2020 11:42
Operator : CG/JU
Sample : L4499-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW2B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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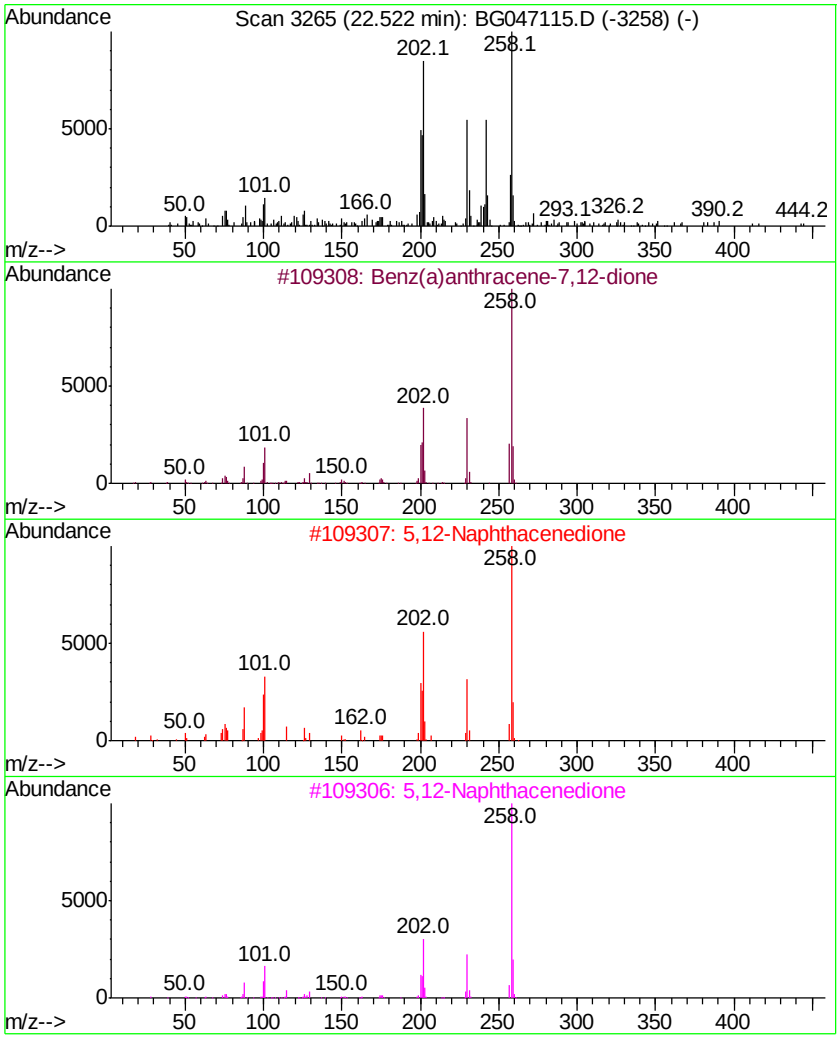
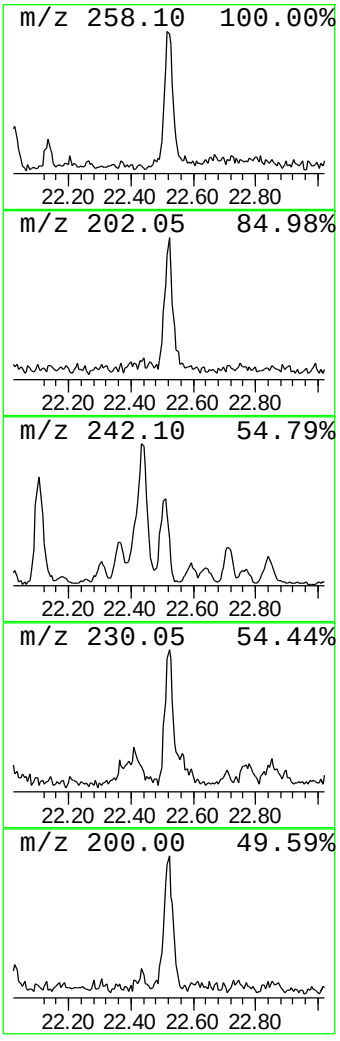
Peak Number 16 Benz(a)anthracene-7,12-dione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	2.04 ng/ul	242238	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	91
2	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	78
3	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	50
4	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	46
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	44





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047115.D
Acq On : 29 Oct 2020 11:42
Operator : CG/JU
Sample : L4499-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW2B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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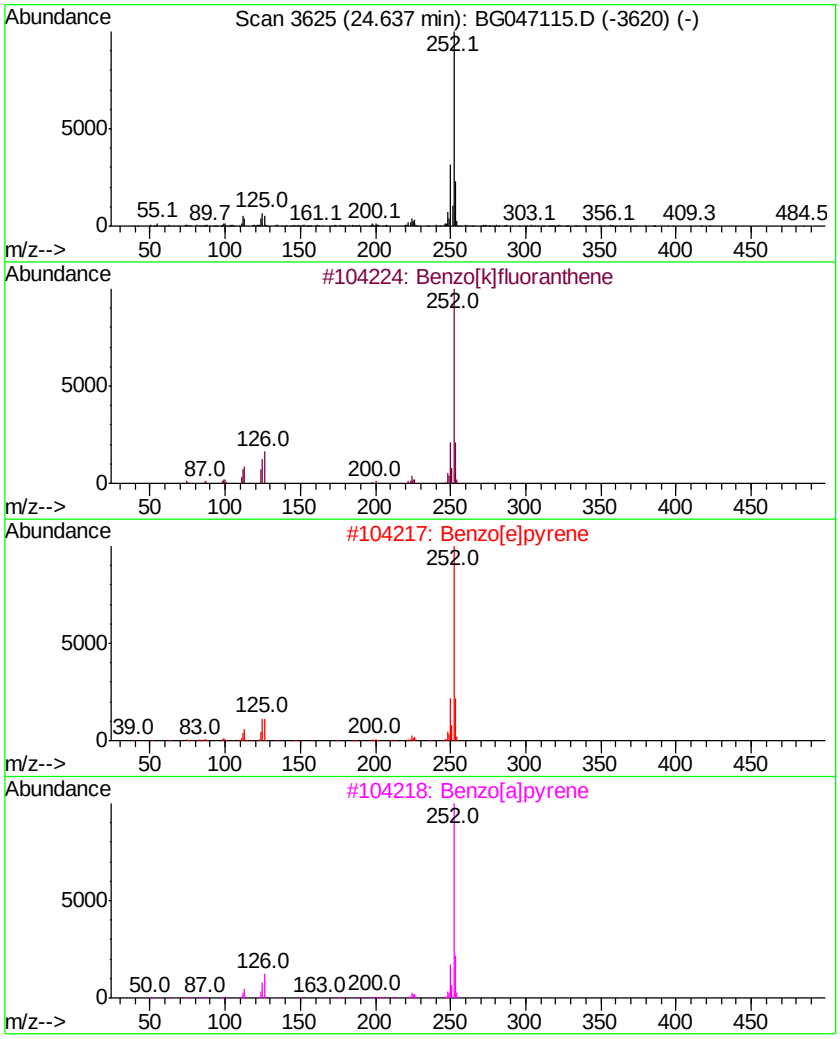
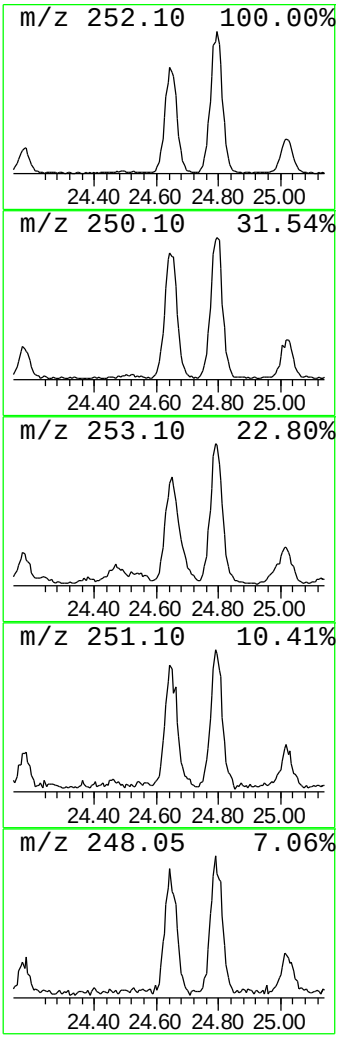
Peak Number 17 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.64	12.97 ng/ul	716618	Perylene-d12	24.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102920\
Data File : BG047115.D
Acq On : 29 Oct 2020 11:42
Operator : CG/JU
Sample : L4499-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW2B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.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
Methacrylamide	3.99	3.5	ng/ul	61416	1	8.06	347519	20.0
cis-9-Hexadecenoi...	18.26	5.8	ng/ul	297104	4	17.43	1021830	20.0
1H-Cyclopropa[l]p...	18.32	10.1	ng/ul	513845	4	17.43	1021830	20.0
Phenanthrene, 4-m...	18.36	5.3	ng/ul	272994	4	17.43	1021830	20.0
4H-Cyclopenta[def...	18.50	5.6	ng/ul	287533	4	17.43	1021830	20.0
Naphthalene, 2-ph...	18.80	2.7	ng/ul	139361	4	17.43	1021830	20.0
9,10-Anthracenedione	18.84	5.5	ng/ul	278232	4	17.43	1021830	20.0
Cyclopenta(def)ph...	19.36	2.8	ng/ul	141391	4	17.43	1021830	20.0
Pyrene, 1-methyl-	20.17	2.0	ng/ul	241602	5	21.71	2370840	20.0
11H-Benzo[b]fluorene	20.33	2.6	ng/ul	305847	5	21.71	2370840	20.0
11H-Benzo[a]fluor...	21.09	2.1	ng/ul	246492	5	21.71	2370840	20.0
Benzo[b]naphtho[2...	21.28	2.8	ng/ul	334859	5	21.71	2370840	20.0
Cyclopenta(cd)pyr...	21.33	2.1	ng/ul	245002	5	21.71	2370840	20.0
Benzo[ghi]fluoran...	21.37	3.6	ng/ul	426337	5	21.71	2370840	20.0
7H-Benz[de]anthra...	21.43	4.0	ng/ul	478764	5	21.71	2370840	20.0
Benz(a)anthracene...	22.52	2.0	ng/ul	242238	5	21.71	2370840	20.0
Benzo[e]pyrene	24.64	13.0	ng/ul	716618	6	24.95	1104660	20.0