LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101920\
Data File : BG046986.D
Acq On : 19 Oct 2020 14:20
Operator : CG/JU
Sample : L4308-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP7

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-BG101520MA.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	3.484	21	25	30	rBV3	12412	17682	0.81%	0.063%
2	4.007	109	114	120	rBV2	24138	35890	1.64%	0.127%
3	5.241	320	324	327	rBV3	5719	8741	0.40%	0.031%
4	7.221	652	661	672	rBV	262659	472445	21.61%	1.671%
5	7.391	683	690	697	rVB	171143	289967	13.26%	1.026%
6	7.597	718	725	731	rVV	262320	438344	20.05%	1.551%
7	7.650	731	734	743	rVV2	19881	38009	1.74%	0.134%
8	8.067	798	805	814	rBV	214372	357919	16.37%	1.266%
9	8.766	916	924	933	rBV2	328129	559527	25.59%	1.979%
10	9.230	994	1003	1011	rBV	249642	440809	20.16%	1.559%
11	9.336	1016	1021	1024	rVV5	7773	12311	0.56%	0.044%
12	9.953	1117	1126	1135	rVB	233668	416164	19.03%	1.472%
13	10.494	1210	1218	1227	rBV	384933	670698	30.67%	2.373%
14	10.881	1273	1284	1291	rBV	279310	514702	23.54%	1.821%
15	11.005	1298	1305	1317	rBV2	210543	390405	17.85%	1.381%
16	13.584	1738	1744	1751	rBV	82207	132389	6.05%	0.468%
17	14.095	1823	1831	1835	rVV	721467	1026471	46.94%	3.631%
18	14.142	1835	1839	1848	rVB	239377	334016	15.28%	1.182%
19	14.389	1873	1881	1892	rBV	734063	1153942	52.77%	4.082%
20	14.695	1922	1933	1940	rBV	492528	769841	35.21%	2.723%
21	14.759	1940	1944	1948	rVB3	11899	17717	0.81%	0.063%
22	14.877	1957	1964	1974	rBV2	290084	484060	22.14%	1.712%
23	15.035	1988	1991	1997	rVB5	6715	9551	0.44%	0.034%
24	15.088	1997	2000	2005	rBV2	16753	28081	1.28%	0.099%
25	15.688	2093	2102	2108	rBV	999212	1495288	68.38%	5.289%
26	15.735	2108	2110	2115	rVB2	30074	36586	1.67%	0.129%
27	15.793	2115	2120	2130	rBV	291244	453633	20.75%	1.605%
28	15.917	2135	2141	2151	rVB8	13970	36329	1.66%	0.129%
29	16.034	2157	2161	2167	rVB2	11336	18967	0.87%	0.067%
30	16.181	2180	2186	2194	rVB2	11635	25560	1.17%	0.090%
31	16.252	2194	2198	2199	rBV3	4509	6317	0.29%	0.022%
32	16.393	2218	2222	2230	rVB6	13063	30229	1.38%	0.107%
33	16.463	2233	2234	2239	rVB4	7996	7412	0.34%	0.026%
34	16.710	2272	2276	2277	rBV3	6826	7157	0.33%	0.025%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101920\
Data File : BG046986.D
Acq On : 19 Oct 2020 14:20
Operator : CG/JU
Sample : L4308-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP7

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-BG101520MA.M
Title : SVOA CALIBRATION

35	16.745	2277	2282	2287	rVV7	10051	21030	0.96%	0.074%
36	16.827	2293	2296	2302	rVB7	8109	13510	0.62%	0.048%
37	16.968	2314	2320	2325	rBV8	9595	20823	0.95%	0.074%
38	17.015	2325	2328	2336	rVB3	11511	20229	0.93%	0.072%
39	17.092	2336	2341	2346	rBV3	22144	39949	1.83%	0.141%
40	17.168	2349	2354	2356	rBV3	13234	18702	0.86%	0.066%
41	17.262	2365	2370	2377	rVB3	21612	36794	1.68%	0.130%
42	17.327	2377	2381	2383	rBV3	7868	11092	0.51%	0.039%
43	17.439	2394	2400	2404	rBV	595364	918522	42.01%	3.249%
44	17.480	2404	2407	2412	rVB	384737	539268	24.66%	1.908%
45	17.538	2412	2417	2422	rBV2	1042196	1540977	70.47%	5.451%
46	17.632	2428	2433	2438	rVB3	16672	31685	1.45%	0.112%
47	17.838	2461	2468	2474	rBV3	33382	74817	3.42%	0.265%
48	17.961	2485	2489	2493	rVB4	11459	17099	0.78%	0.060%
49	18.014	2493	2498	2502	rBV6	12559	19434	0.89%	0.069%
50	18.161	2519	2523	2525	rBV5	15109	18684	0.85%	0.066%
51	18.202	2525	2530	2535	rBV3	35206	60825	2.78%	0.215%
52	18.320	2545	2550	2554	rBV3	216826	310896	14.22%	1.100%
53	18.361	2554	2557	2562	rVB	92325	132236	6.05%	0.468%
54	18.443	2567	2571	2576	rVB4	33733	47014	2.15%	0.166%
55	18.508	2576	2582	2586	rBV3	95594	177828	8.13%	0.629%
56	18.543	2586	2588	2595	rVB2	50628	68022	3.11%	0.241%
57	18.619	2597	2601	2603	rBV5	6589	10235	0.47%	0.036%
58	18.708	2612	2616	2618	rVB5	9576	13111	0.60%	0.046%
59	18.749	2621	2623	2628	rVB6	8568	10540	0.48%	0.037%
60	18.807	2628	2633	2636	rBV2	60425	88556	4.05%	0.313%
61	18.849	2636	2640	2646	rVB	62356	91712	4.19%	0.324%
62	18.943	2652	2656	2659	rBV5	7596	12620	0.58%	0.045%
63	18.984	2661	2663	2667	rVB5	6149	6484	0.30%	0.023%
64	19.054	2672	2675	2680	rVV3	25285	34677	1.59%	0.123%
65	19.107	2680	2684	2686	rVV	24227	27231	1.25%	0.096%
66	19.142	2686	2690	2693	rVB5	17253	22973	1.05%	0.081%
67	19.225	2698	2704	2709	rBV	46332	92195	4.22%	0.326%
68	19.289	2709	2715	2718	rBV7	16577	30891	1.41%	0.109%
69	19.360	2723	2727	2735	rBV2	37592	75582	3.46%	0.267%
70	19.489	2739	2749	2754	rBV	940973	1327936	60.73%	4.697%
71	19.542	2756	2758	2762	rBV5	15186	17154	0.78%	0.061%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101920\
Data File : BG046986.D
Acq On : 19 Oct 2020 14:20
Operator : CG/JU
Sample : L4308-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP7

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-BG101520MA.M
Title : SVOA CALIBRATION

72	19.589	2762	2766	2771	rBV5	67983	91585	4.19%	0.324%
73	19.677	2778	2781	2784	rBV4	15201	24295	1.11%	0.086%
74	19.824	2799	2806	2809	rBV	1348702	2186616	100.00%	7.735%
75	19.847	2809	2810	2818	rVV	687655	774425	35.42%	2.739%
76	19.924	2818	2823	2828	rVB3	46614	75397	3.45%	0.267%
77	20.024	2835	2840	2846	rBV2	49628	98516	4.51%	0.348%
78	20.088	2847	2851	2854	rVB	38737	55156	2.52%	0.195%
79	20.165	2859	2864	2871	rBV4	68238	179815	8.22%	0.636%
80	20.306	2885	2888	2890	rBV4	28248	40252	1.84%	0.142%
81	20.335	2890	2893	2900	rVB	138736	200670	9.18%	0.710%
82	20.441	2906	2911	2914	rBV	87788	117907	5.39%	0.417%
83	20.494	2915	2920	2924	rVV2	74368	135937	6.22%	0.481%
84	20.535	2924	2927	2930	rVB3	27657	32702	1.50%	0.116%
85	20.635	2941	2944	2948	rBV	37326	53236	2.43%	0.188%
86	20.676	2949	2951	2956	rVV4	32812	47926	2.19%	0.170%
87	21.099	3019	3023	3029	rVB	77102	119641	5.47%	0.423%
88	21.287	3047	3055	3059	rBV3	82656	177902	8.14%	0.629%
89	21.334	3059	3063	3064	rBV2	51342	70154	3.21%	0.248%
90	21.434	3076	3080	3087	rVB3	85737	165777	7.58%	0.586%
91	21.704	3118	3126	3131	rBV2	690411	1707136	78.07%	6.039%
92	21.751	3131	3134	3144	rVB	369030	625501	28.61%	2.213%
93	21.910	3156	3161	3167	rBV3	69320	135575	6.20%	0.480%
94	22.115	3192	3196	3202	rVB5	37848	75977	3.47%	0.269%
95	22.509	3261	3263	3269	rVB3	57443	86242	3.94%	0.305%
96	23.919	3495	3503	3511	rBV	272074	888336	40.63%	3.142%
97	24.654	3621	3628	3633	rBV2	121992	305823	13.99%	1.082%
98	24.730	3633	3641	3648	rVV	566519	1556304	71.17%	5.505%
99	24.800	3648	3653	3664	rVB	216327	556583	25.45%	1.969%
100	24.953	3670	3679	3688	rBV	318356	945337	43.23%	3.344%

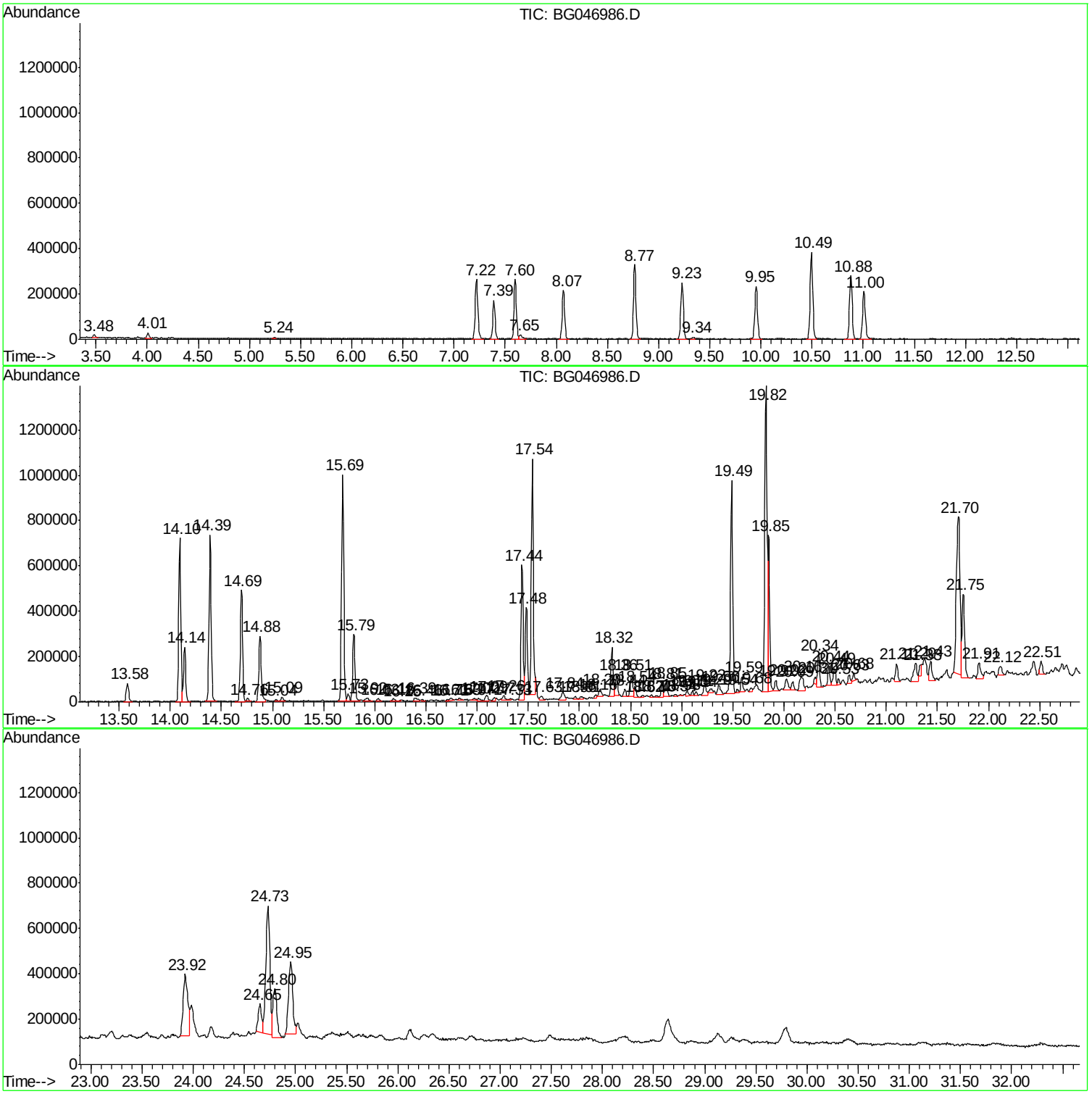
Sum of corrected areas: 28269215

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101920\
Data File : BG046986.D
Acq On : 19 Oct 2020 14:20
Operator : CG/JU
Sample : L4308-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AP7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101920\
Data File : BG046986.D
Acq On : 19 Oct 2020 14:20
Operator : CG/JU
Sample : L4308-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

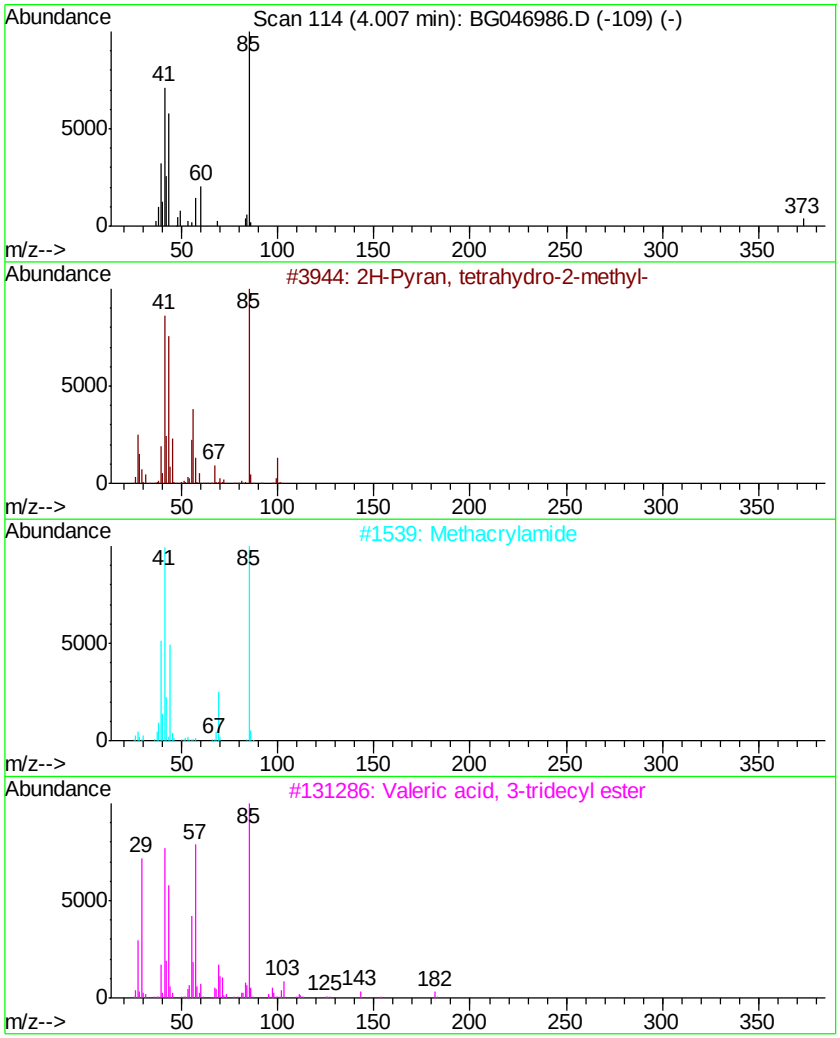
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

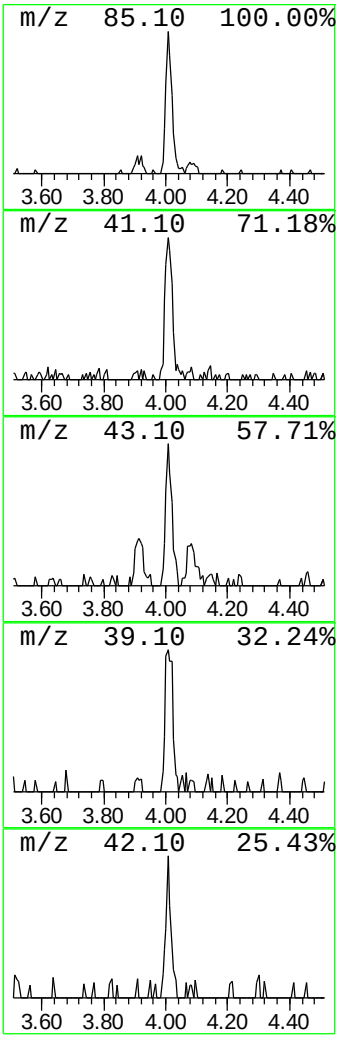
****

Peak Number 1 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.01	2.01 ng/ul	35890	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	33
2	Methacrylamide	85	C4H7NO	000079-39-0	9
3	Valeric acid, 3-tridecyl ester	284	C18H36O2	1000281-98-9	9
4	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	9
5	Oxalic acid, ethyl isohexyl ester	202	C10H18O4	1000309-32-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101920\
Data File : BG046986.D
Acq On : 19 Oct 2020 14:20
Operator : CG/JU
Sample : L4308-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

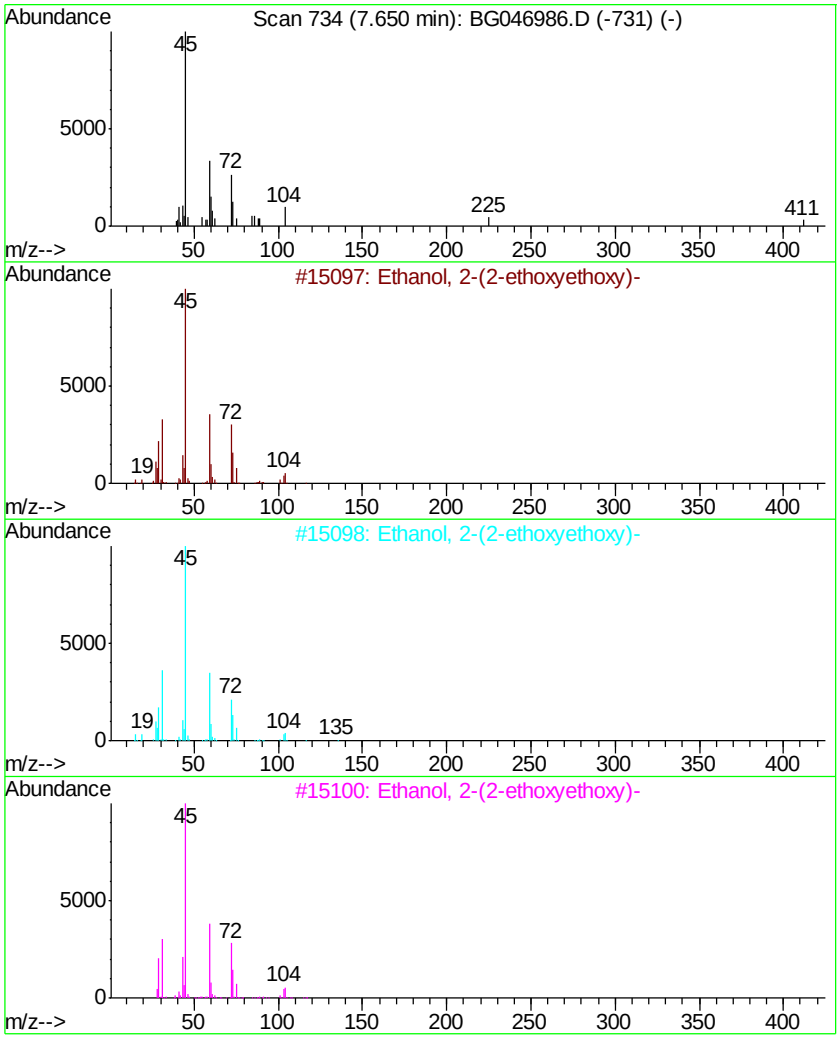
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

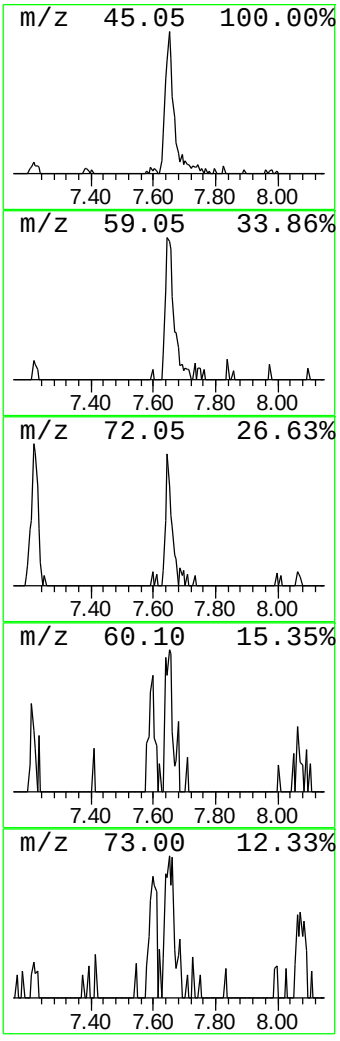
****

Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	2.12 ng/ul	38009	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	56
2	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	56
3	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	56
4	1-(2-Hydroxyethoxy)-2-(vinylthio...	148	C6H12O2S	086241-10-3	45
5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101920\
Data File : BG046986.D
Acq On : 19 Oct 2020 14:20
Operator : CG/JU
Sample : L4308-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

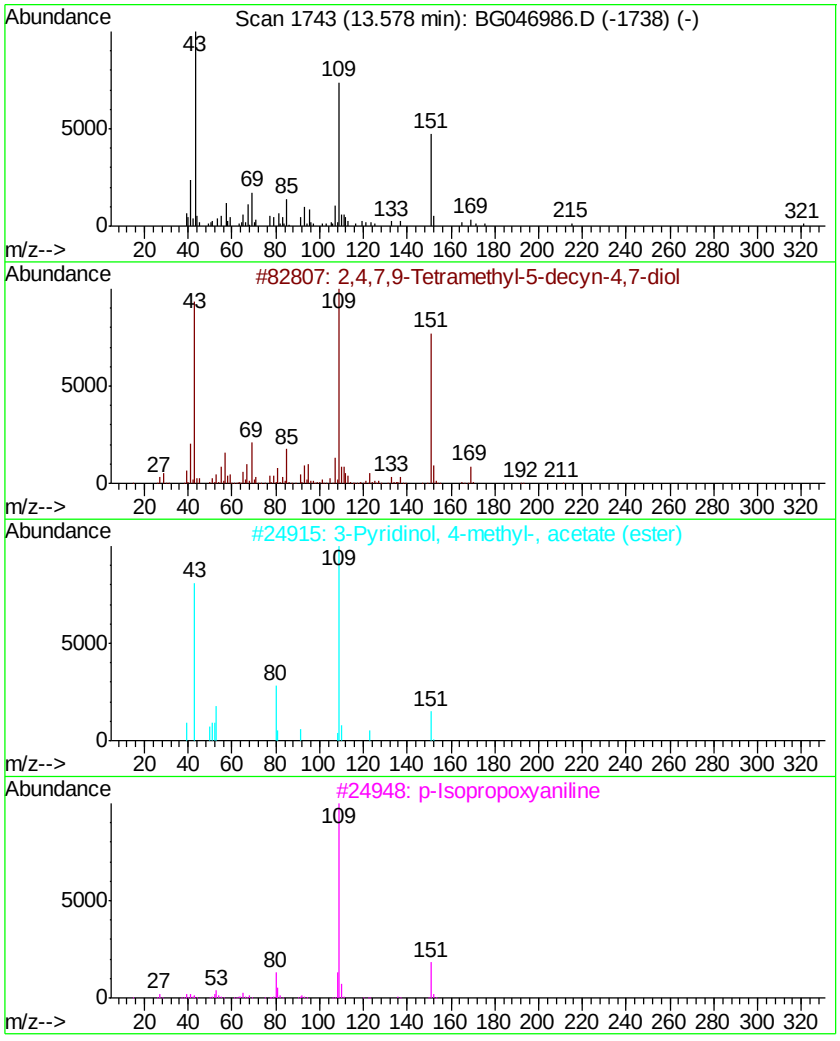
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

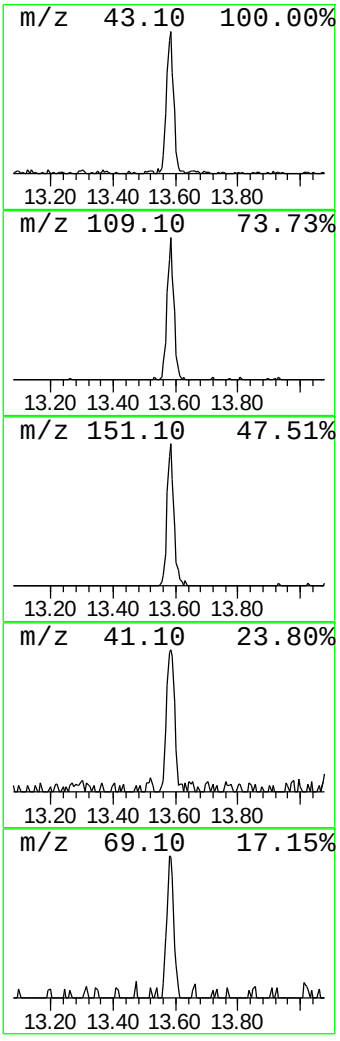
****

Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	3.44 ng/ul	132389	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	64
2	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	64
3	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	59
4	Metacetamol	151	C8H9NO2	000621-42-1	59
5	Acetaminophen	151	C8H9NO2	000103-90-2	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101920\
Data File : BG046986.D
Acq On : 19 Oct 2020 14:20
Operator : CG/JU
Sample : L4308-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

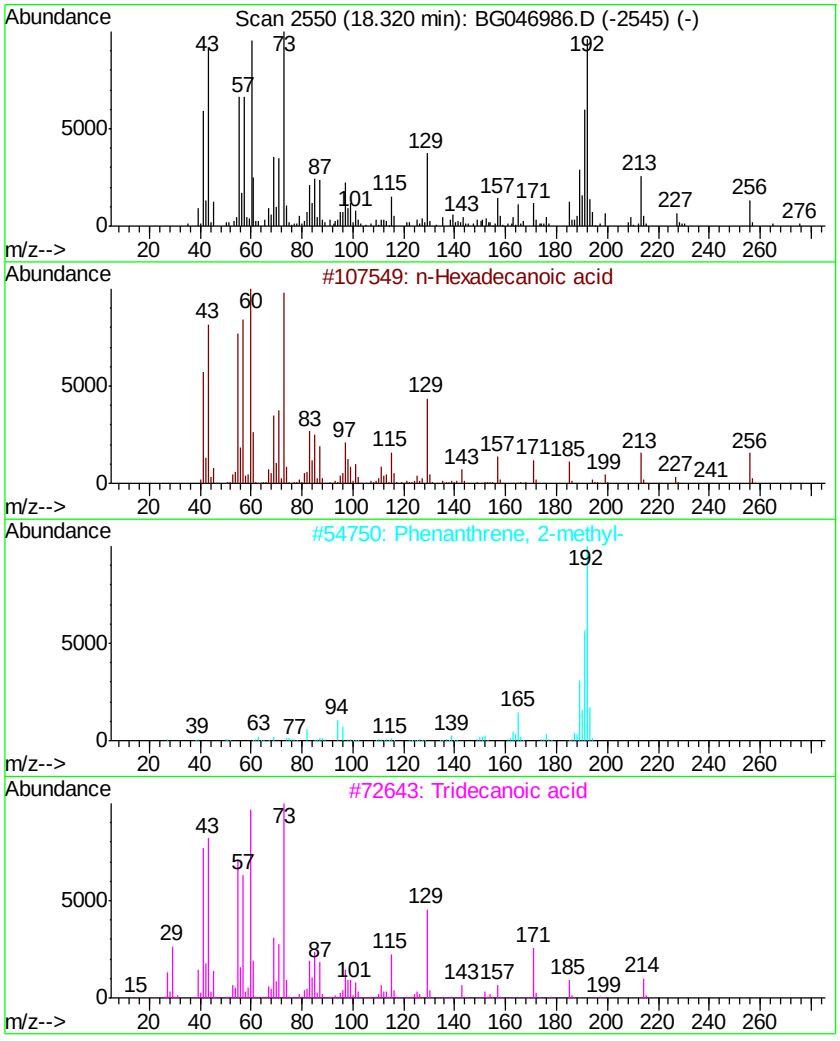
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

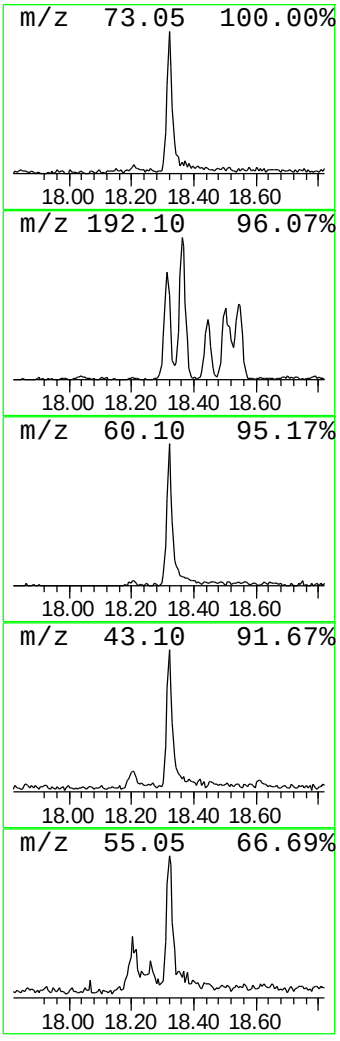
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	6.77 ng/ul	310896	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101920\
Data File : BG046986.D
Acq On : 19 Oct 2020 14:20
Operator : CG/JU
Sample : L4308-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

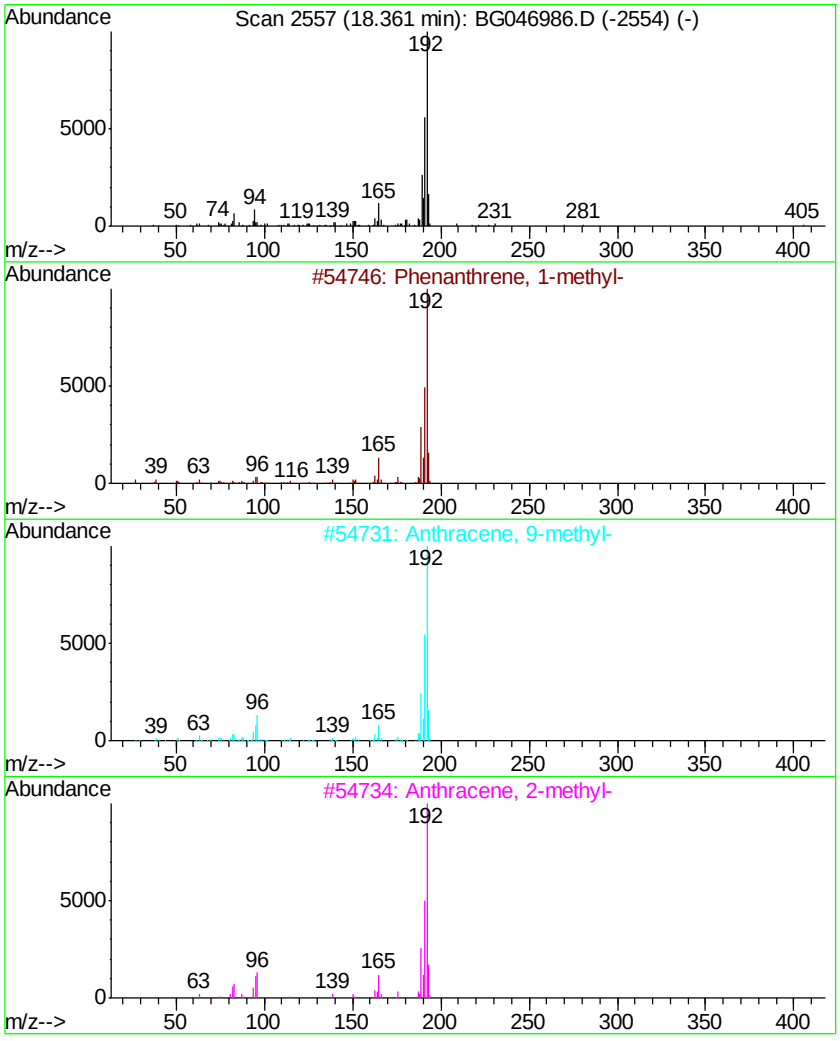
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

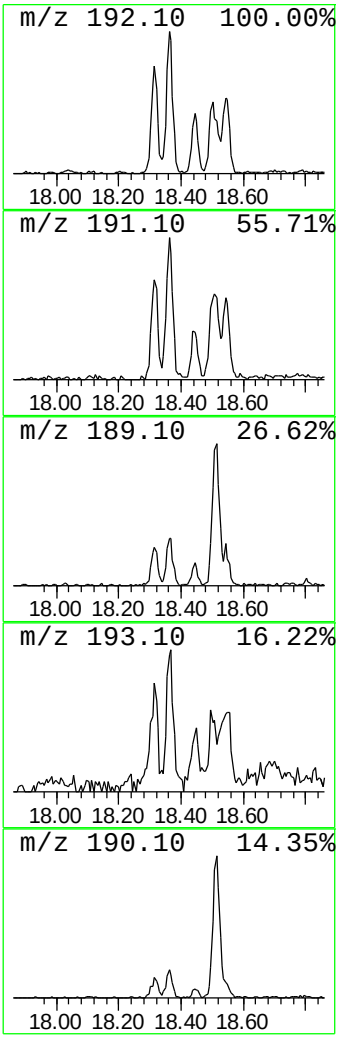
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	2.88 ng/ul	132236	Phenanthrene-d10	17.44

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	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101920\
Data File : BG046986.D
Acq On : 19 Oct 2020 14:20
Operator : CG/JU
Sample : L4308-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

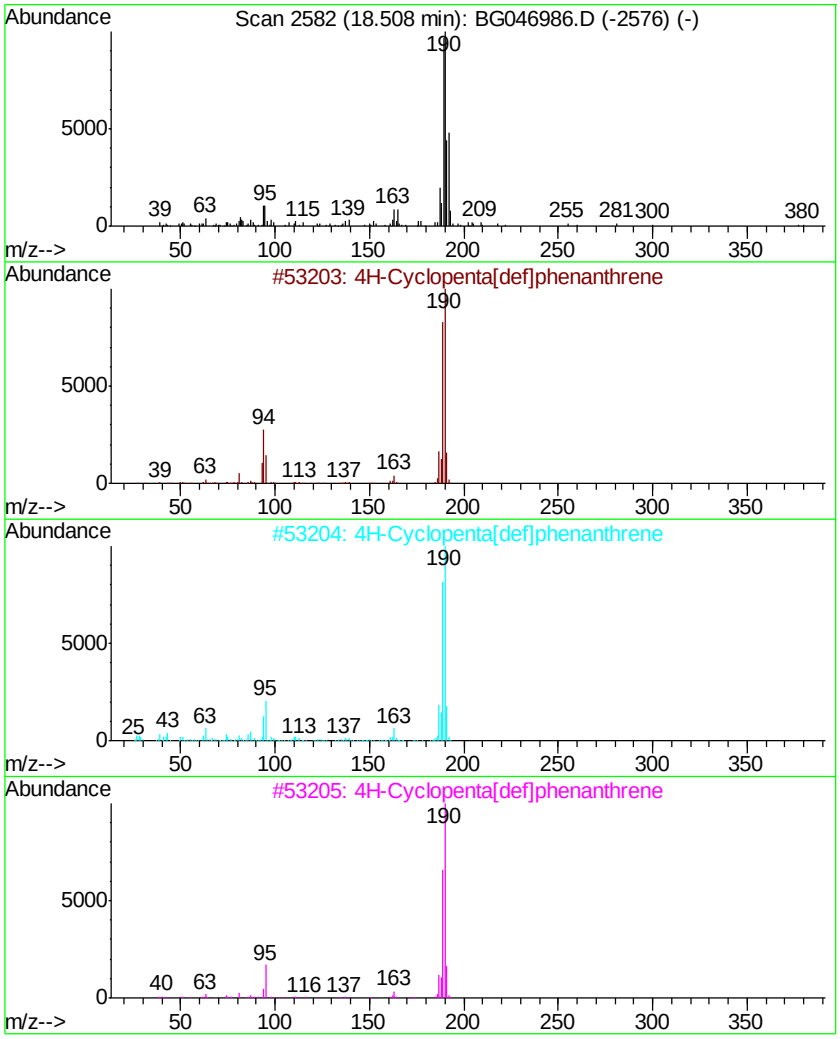
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

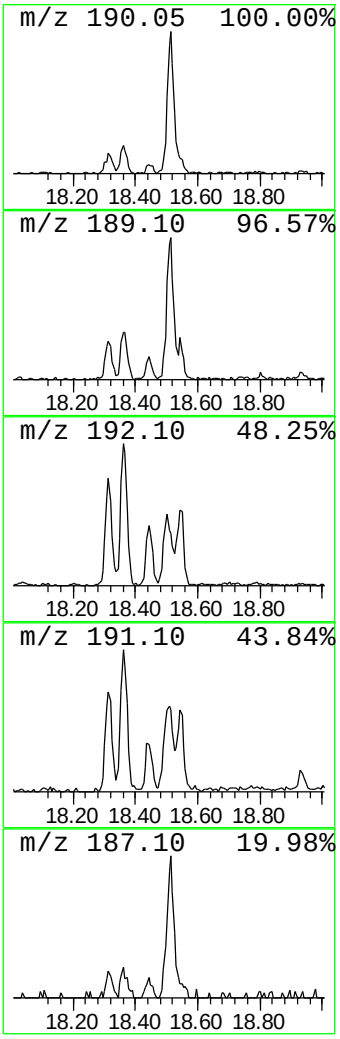
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	3.87 ng/ul	177828	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	45
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101920\
Data File : BG046986.D
Acq On : 19 Oct 2020 14:20
Operator : CG/JU
Sample : L4308-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

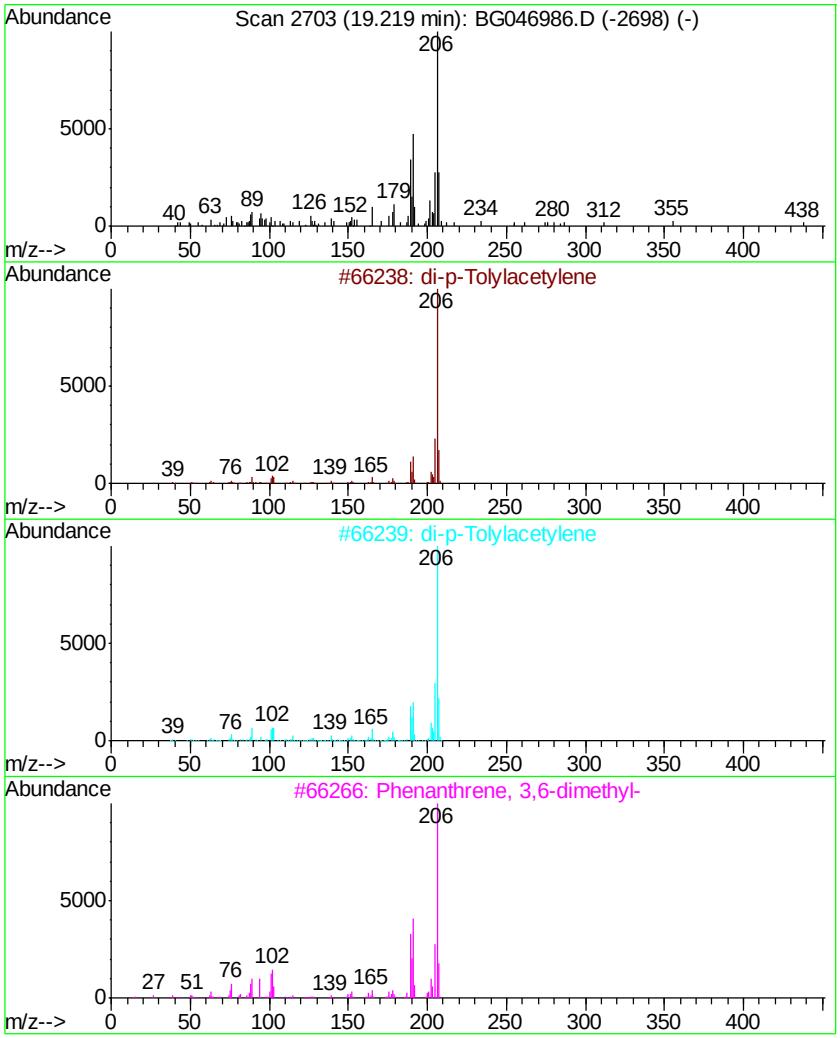
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

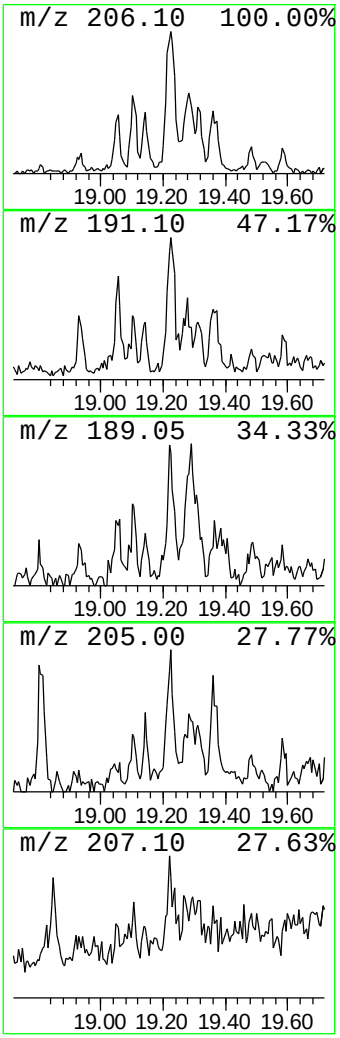
****

Peak Number 7 di-p-Tolylacetylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	2.01 ng/ul	92195	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101920\
Data File : BG046986.D
Acq On : 19 Oct 2020 14:20
Operator : CG/JU
Sample : L4308-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

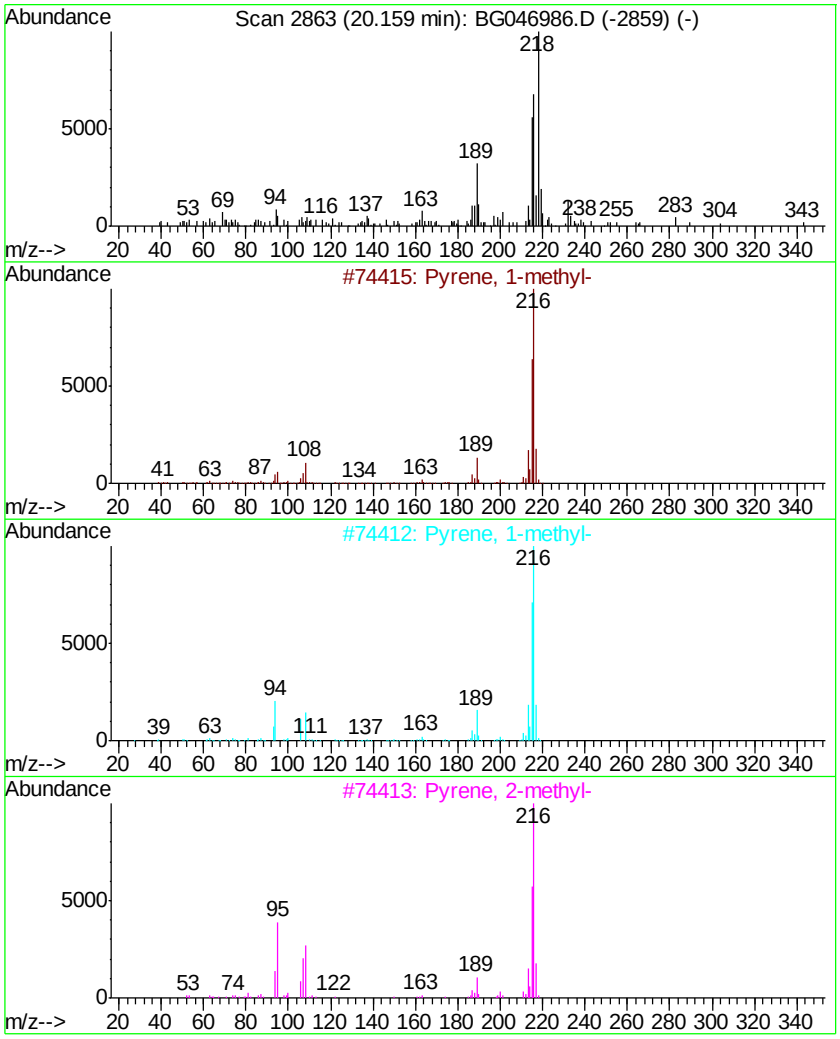
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

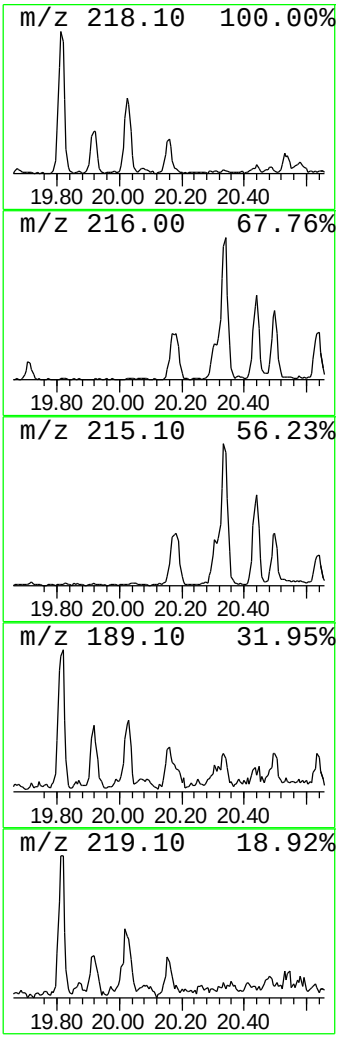
****

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	2.11 ng/ul	179815	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	68
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101920\
Data File : BG046986.D
Acq On : 19 Oct 2020 14:20
Operator : CG/JU
Sample : L4308-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

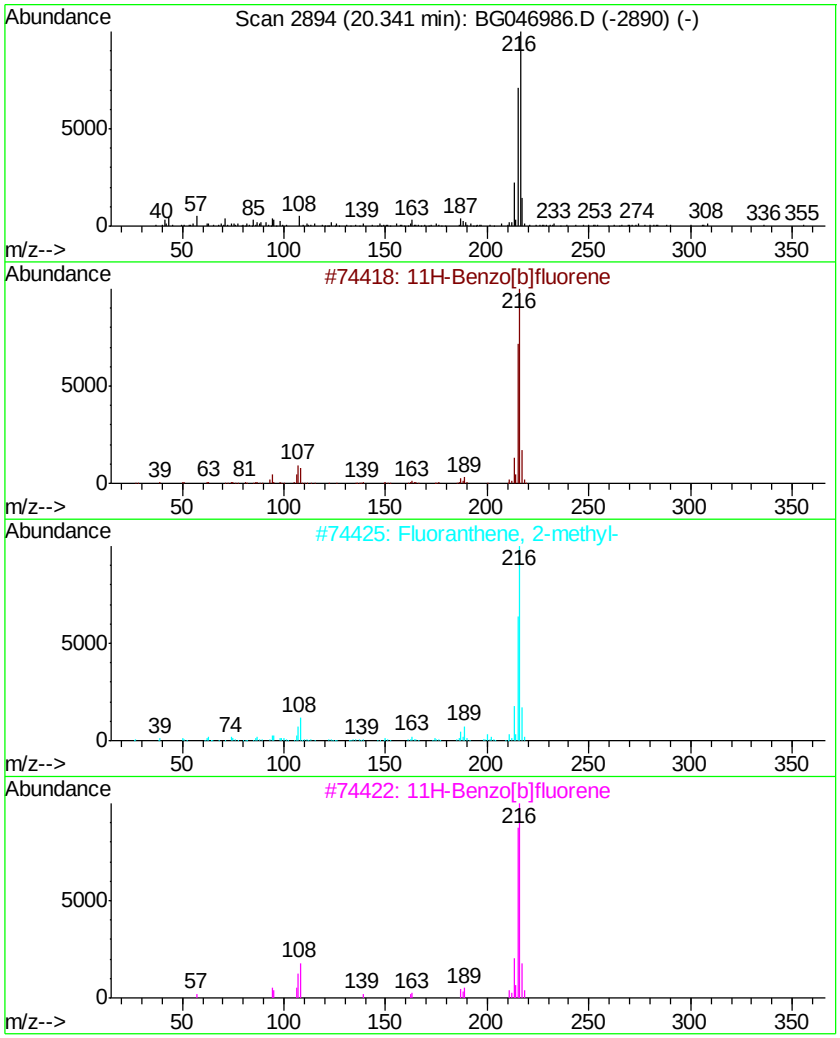
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

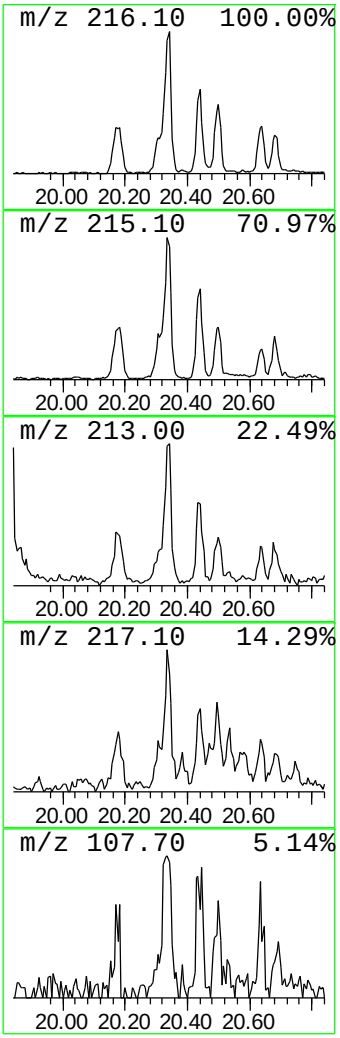
****

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	2.35 ng/ul	200670	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	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101920\
Data File : BG046986.D
Acq On : 19 Oct 2020 14:20
Operator : CG/JU
Sample : L4308-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

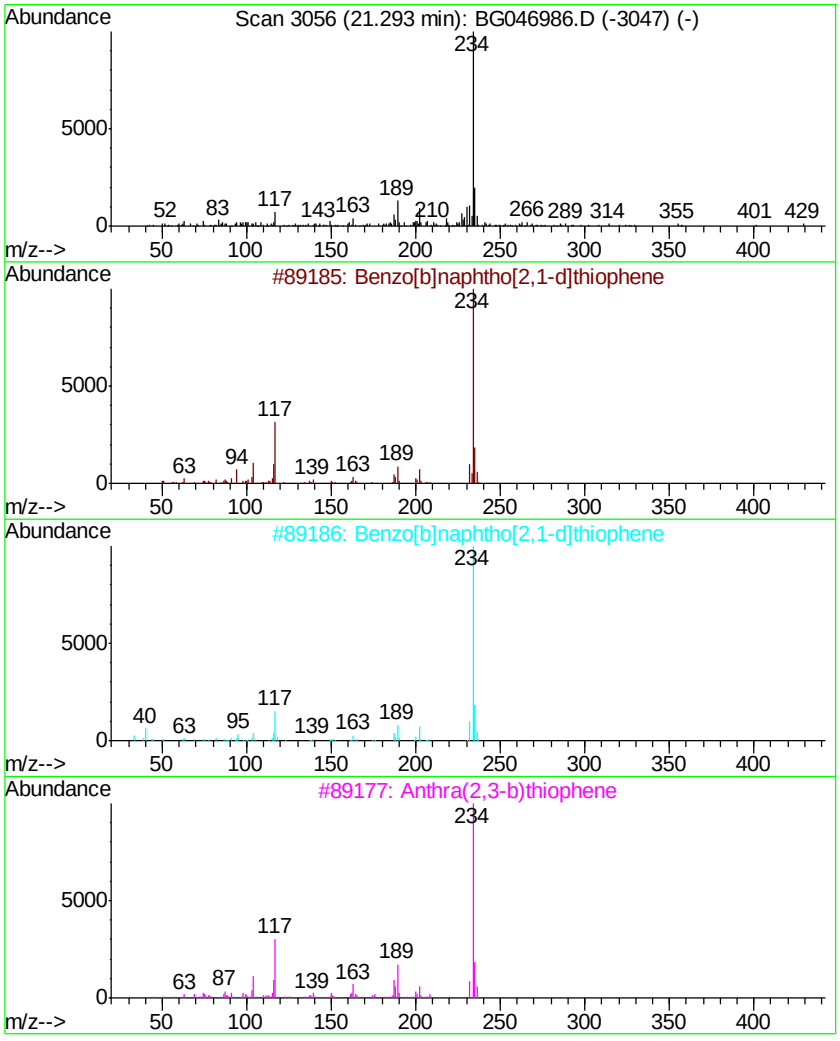
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

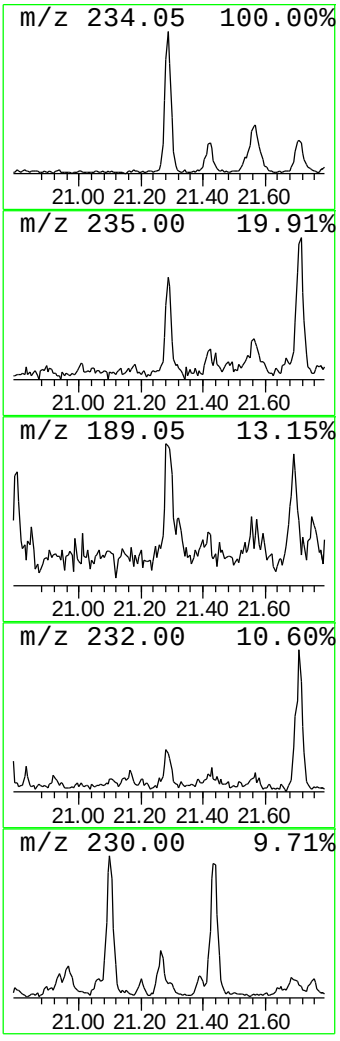
****

Peak Number 10 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	2.08 ng/ul	177902	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	93
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	80
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	80
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101920\
Data File : BG046986.D
Acq On : 19 Oct 2020 14:20
Operator : CG/JU
Sample : L4308-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

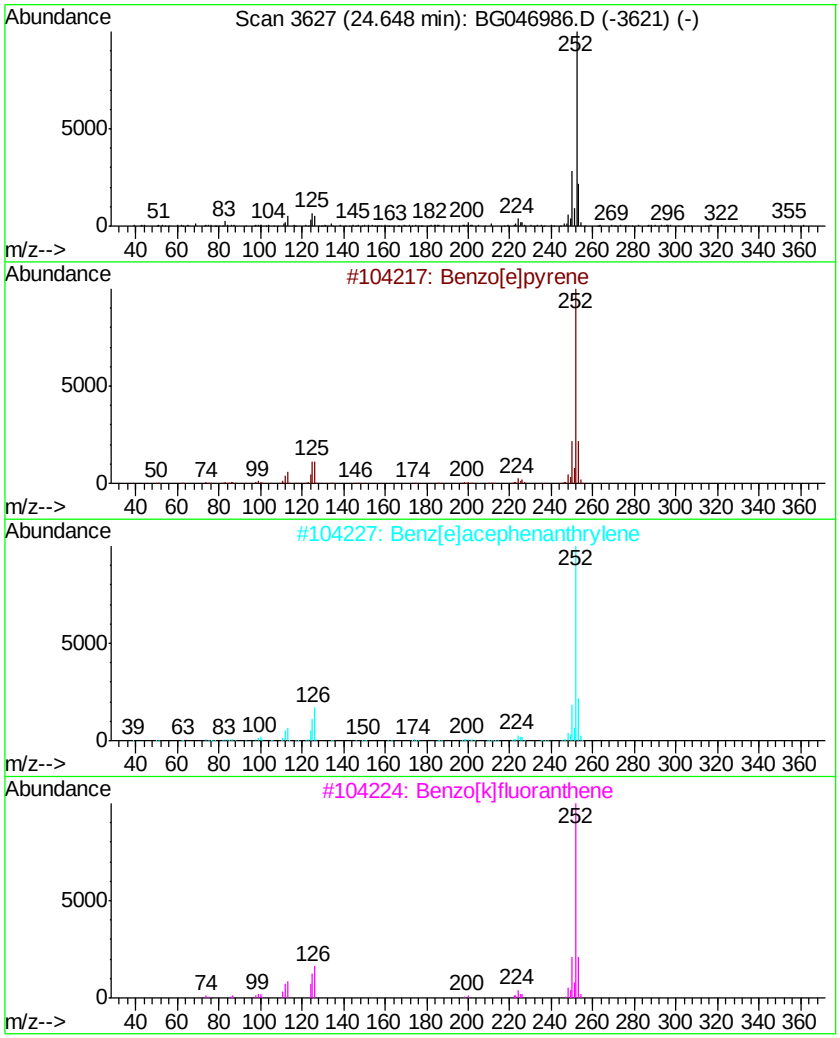
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

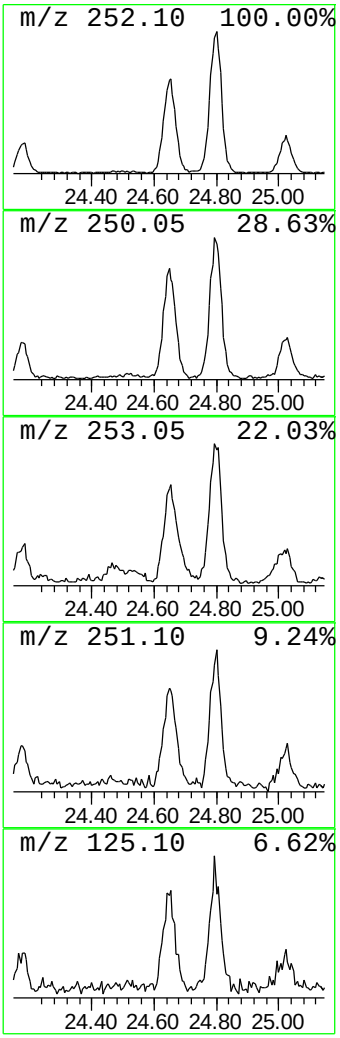
****

Peak Number 11 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.65	6.47 ng/ul	305823	Perylene-d12	24.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101920\
Data File : BG046986.D
Acq On : 19 Oct 2020 14:20
Operator : CG/JU
Sample : L4308-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.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
unknown-01	4.01	2.0	ng/ul	35890	1	8.07	357919	20.0
Ethanol, 2-(2-eth...	7.65	2.1	ng/ul	38009	1	8.07	357919	20.0
2,4,7,9-Tetrameth...	13.58	3.4	ng/ul	132389	3	14.69	769841	20.0
n-Hexadecanoic acid	18.32	6.8	ng/ul	310896	4	17.44	918522	20.0
Phenanthrene, 1-m...	18.36	2.9	ng/ul	132236	4	17.44	918522	20.0
4H-Cyclopenta[def...	18.51	3.9	ng/ul	177828	4	17.44	918522	20.0
di-p-Tolylacetylene	19.22	2.0	ng/ul	92195	4	17.44	918522	20.0
Pyrene, 1-methyl-	20.16	2.1	ng/ul	179815	5	21.71	1707140	20.0
11H-Benzo[b]fluorene	20.34	2.4	ng/ul	200670	5	21.71	1707140	20.0
Benzo[b]naphtho[2...	21.29	2.1	ng/ul	177902	5	21.71	1707140	20.0
Benzo[e]pyrene	24.65	6.5	ng/ul	305823	6	24.95	945337	20.0