LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080620\
Data File : BG046182.D
Acq On : 6 Aug 2020 14:54
Operator : CG/JU
Sample : L3424-17DL 25X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0S92DL

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-BG072320MA.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	3.160	8	12	28	rVB	107535	191226	4.06%	0.497%
2	7.121	678	686	690	rBV3	9990	17399	0.37%	0.045%
3	7.285	709	714	719	rBV2	8738	15265	0.32%	0.040%
4	7.491	744	749	757	rVB2	12331	22714	0.48%	0.059%
5	7.955	820	828	835	rBV	375383	638377	13.55%	1.658%
6	8.507	916	922	929	rBV2	7846	17690	0.38%	0.046%
7	8.654	942	947	954	rBV3	13048	24769	0.53%	0.064%
8	9.112	1019	1025	1032	rVB2	10818	20657	0.44%	0.054%
9	10.376	1233	1240	1245	rBV3	12314	23122	0.49%	0.060%
10	10.746	1295	1303	1309	rBV	536740	962782	20.44%	2.501%
11	10.799	1309	1312	1322	rVB	34349	55433	1.18%	0.144%
12	12.403	1580	1585	1592	rVB	22065	36290	0.77%	0.094%
13	12.626	1618	1623	1628	rVB3	10035	17069	0.36%	0.044%
14	13.413	1753	1757	1762	rBV3	10418	16768	0.36%	0.044%
15	13.895	1833	1839	1845	rVB3	7724	14228	0.30%	0.037%
16	13.983	1845	1854	1858	rBV	33091	57108	1.21%	0.148%
17	14.030	1858	1862	1866	rVV	9572	14836	0.31%	0.039%
18	14.265	1896	1902	1905	rBV	41904	72868	1.55%	0.189%
19	14.300	1905	1908	1921	rVB	71296	127480	2.71%	0.331%
20	14.576	1947	1955	1962	rVV	901644	1421560	30.18%	3.693%
21	14.641	1962	1966	1974	rVV2	16021	28882	0.61%	0.075%
22	14.970	2017	2022	2030	rVB	61231	99671	2.12%	0.259%
23	15.446	2098	2103	2108	rBV5	8530	13477	0.29%	0.035%
24	15.564	2118	2123	2129	rBV2	54099	86601	1.84%	0.225%
25	15.622	2129	2133	2142	rVB3	15587	27368	0.58%	0.071%
26	15.840	2167	2170	2179	rVV9	5555	13270	0.28%	0.034%
27	15.922	2179	2184	2190	rVV	10986	19379	0.41%	0.050%
28	16.063	2204	2208	2216	rVB2	16451	35766	0.76%	0.093%
29	16.298	2242	2248	2251	rVV5	22923	40130	0.85%	0.104%
30	16.327	2251	2253	2257	rVV4	16030	20826	0.44%	0.054%
31	16.897	2345	2350	2354	rVV2	18585	30965	0.66%	0.080%
32	16.968	2357	2362	2368	rVV	49909	81878	1.74%	0.213%
33	17.056	2371	2377	2380	rBV3	8493	15473	0.33%	0.040%
34	17.097	2380	2384	2387	rVV3	11417	17711	0.38%	0.046%

LSC Area Percent Report

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Acq On : 6 Aug 2020 14:54
Operator : CG/JU
Sample : L3424-17DL 25X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0S92DL

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-BG072320MA.M
Title : SVOA CALIBRATION

35	17.138	2387	2391	2400	rVB4	16362	34009	0.72%	0.088%
36	17.320	2415	2422	2426	rBV	1112083	1740542	36.95%	4.522%
37	17.361	2426	2429	2434	rVV	194714	276521	5.87%	0.718%
38	17.414	2434	2438	2441	rVV2	70600	117171	2.49%	0.304%
39	17.450	2441	2444	2449	rVV	134829	193325	4.10%	0.502%
40	17.508	2449	2454	2460	rVB2	17214	32562	0.69%	0.085%
41	17.720	2481	2490	2494	rBV3	38342	82145	1.74%	0.213%
42	17.837	2506	2510	2515	rVB3	24234	37672	0.80%	0.098%
43	17.973	2530	2533	2535	rBV4	10451	12986	0.28%	0.034%
44	18.196	2562	2571	2573	rBV2	22887	41759	0.89%	0.108%
45	18.237	2574	2578	2584	rVB	37817	61822	1.31%	0.161%
46	18.325	2586	2593	2596	rBV2	24869	44648	0.95%	0.116%
47	18.384	2597	2603	2609	rBV2	46678	109552	2.33%	0.285%
48	18.513	2617	2625	2630	rBV9	19490	44266	0.94%	0.115%
49	18.578	2631	2636	2642	rVV2	47049	77383	1.64%	0.201%
50	18.689	2651	2655	2657	rBV2	26337	33563	0.71%	0.087%
51	18.725	2657	2661	2666	rVB	68473	98200	2.08%	0.255%
52	18.936	2689	2697	2701	rBV6	18676	39946	0.85%	0.104%
53	19.024	2709	2712	2716	rVB2	19272	24897	0.53%	0.065%
54	19.106	2721	2726	2730	rBV2	49637	77851	1.65%	0.202%
55	19.165	2730	2736	2740	rVV5	60231	95493	2.03%	0.248%
56	19.242	2744	2749	2756	rVV	186124	273651	5.81%	0.711%
57	19.300	2757	2759	2762	rVV3	12501	14983	0.32%	0.039%
58	19.365	2765	2770	2777	rVB	1281511	1822837	38.70%	4.736%
59	19.430	2778	2781	2784	rBV4	23346	34869	0.74%	0.091%
60	19.459	2784	2786	2791	rVB2	38679	50262	1.07%	0.131%
61	19.518	2791	2796	2800	rBV2	43327	68395	1.45%	0.178%
62	19.582	2805	2807	2809	rBV	21999	24954	0.53%	0.065%
63	19.729	2827	2832	2840	rVB	1733656	2514576	53.39%	6.533%
64	19.800	2840	2844	2850	rVB3	54821	102646	2.18%	0.267%
65	19.906	2858	2862	2867	rBV	72460	115942	2.46%	0.301%
66	19.964	2867	2872	2878	rVB	153495	233651	4.96%	0.607%
67	20.064	2881	2889	2898	rBV3	168902	441426	9.37%	1.147%
68	20.199	2905	2912	2919	rVB3	200412	554018	11.76%	1.439%
69	20.317	2929	2932	2935	rVB2	38368	43184	0.92%	0.112%
70	20.376	2936	2942	2946	rBV2	212840	382223	8.11%	0.993%
71	20.517	2962	2966	2970	rBV	182783	259022	5.50%	0.673%

LSC Area Percent Report

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Acq On : 6 Aug 2020 14:54
Operator : CG/JU
Sample : L3424-17DL 25X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0S92DL

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-BG072320MA.M
Title : SVOA CALIBRATION

72	20.564	2970	2974	2978	rVB2	106386	171139	3.63%	0.445%
73	20.775	3006	3010	3013	rBV3	46252	78946	1.68%	0.205%
74	20.881	3025	3028	3032	rVB6	45692	57528	1.22%	0.149%
75	20.922	3032	3035	3039	rBV	40470	64548	1.37%	0.168%
76	20.969	3039	3043	3051	rVB2	248830	413337	8.78%	1.074%
77	21.157	3067	3075	3078	rBV2	172119	422893	8.98%	1.099%
78	21.198	3078	3082	3085	rVV	189790	306041	6.50%	0.795%
79	21.239	3085	3089	3094	rVV2	400952	648575	13.77%	1.685%
80	21.292	3095	3098	3109	rVB2	138712	259705	5.51%	0.675%
81	21.562	3131	3144	3149	rBV2	1488427	4020152	85.35%	10.444%
82	21.609	3149	3152	3161	rVB	1033987	1742615	37.00%	4.527%
83	21.780	3177	3181	3186	rVB6	71439	106181	2.25%	0.276%
84	21.950	3206	3210	3216	rBV	137536	243438	5.17%	0.632%
85	22.027	3219	3223	3233	rVB4	92398	228404	4.85%	0.593%
86	22.209	3249	3254	3257	rBV4	60702	114056	2.42%	0.296%
87	22.273	3262	3265	3272	rVV	165260	306205	6.50%	0.795%
88	22.350	3273	3278	3286	rVB3	170244	344688	7.32%	0.895%
89	22.538	3306	3310	3315	rBV3	82626	131134	2.78%	0.341%
90	22.914	3369	3374	3379	rBV2	65043	125775	2.67%	0.327%
91	23.296	3434	3439	3442	rBV	114128	215097	4.57%	0.559%
92	23.490	3465	3472	3479	rBV	218832	472427	10.03%	1.227%
93	23.701	3497	3508	3514	rBV2	1477343	4710169	100.00%	12.237%
94	23.936	3542	3548	3560	rBV	169262	392524	8.33%	1.020%
95	24.142	3577	3583	3599	rVB5	99032	330414	7.01%	0.858%
96	24.389	3616	3625	3639	rVV	647687	1753952	37.24%	4.557%
97	24.524	3640	3648	3661	rVB	522652	1484193	31.51%	3.856%
98	24.671	3664	3673	3681	rBV2	729224	2081439	44.19%	5.407%
99	24.741	3682	3685	3701	rVB3	169827	574750	12.20%	1.493%
100	28.184	4258	4271	4292	rVB2	447894	2180410	46.29%	5.664%

Sum of corrected areas: 38492725

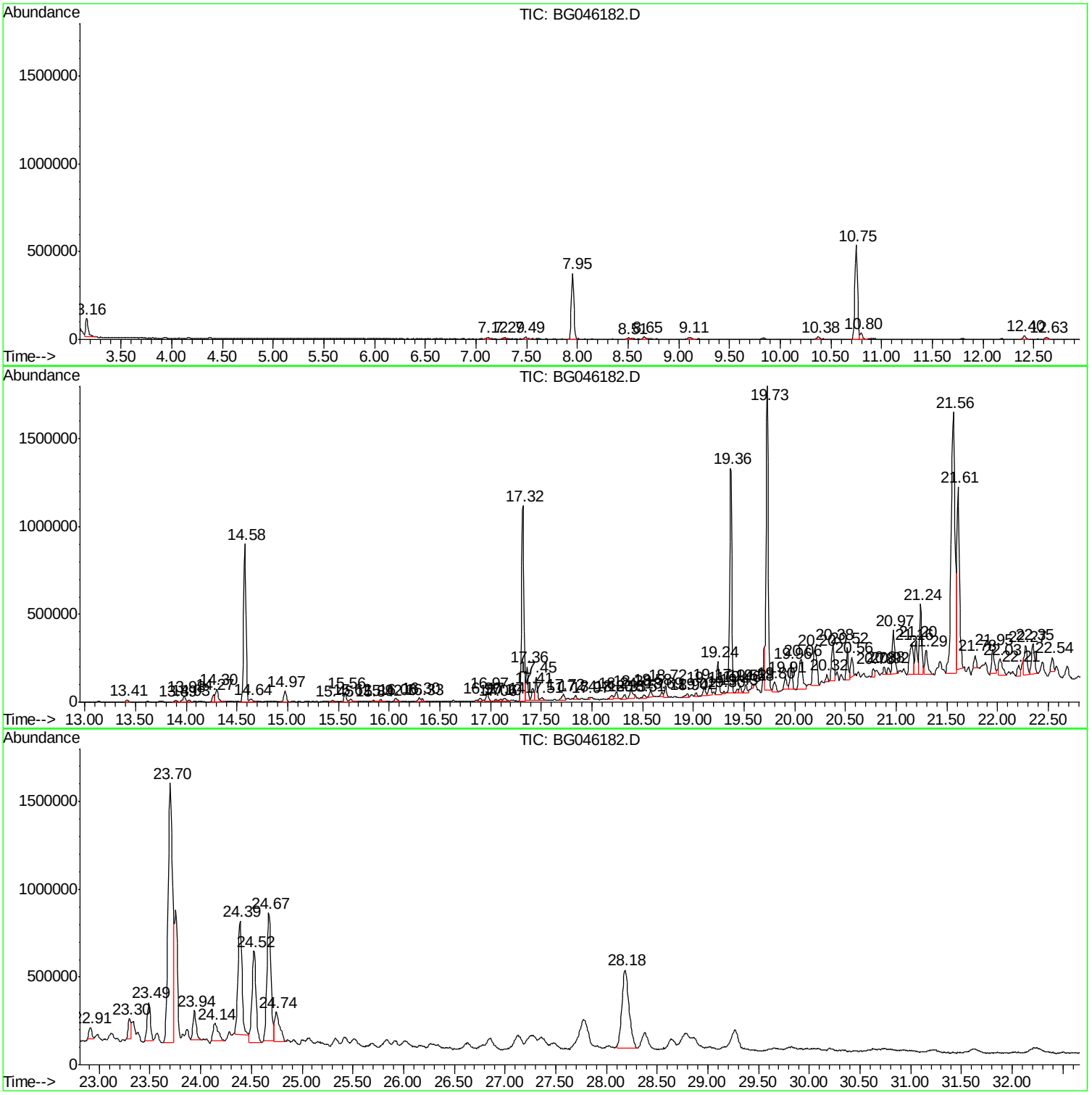
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080620\
Data File : BG046182.D
Acq On : 6 Aug 2020 14:54
Operator : CG/JU
Sample : L3424-17DL 25X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0S92DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.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\BG080620\
Data File : BG046182.D
Acq On : 6 Aug 2020 14:54
Operator : CG/JU
Sample : L3424-17DL 25X
Misc :
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Instrument : BNA_G
ClientSampleId : C0S92DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

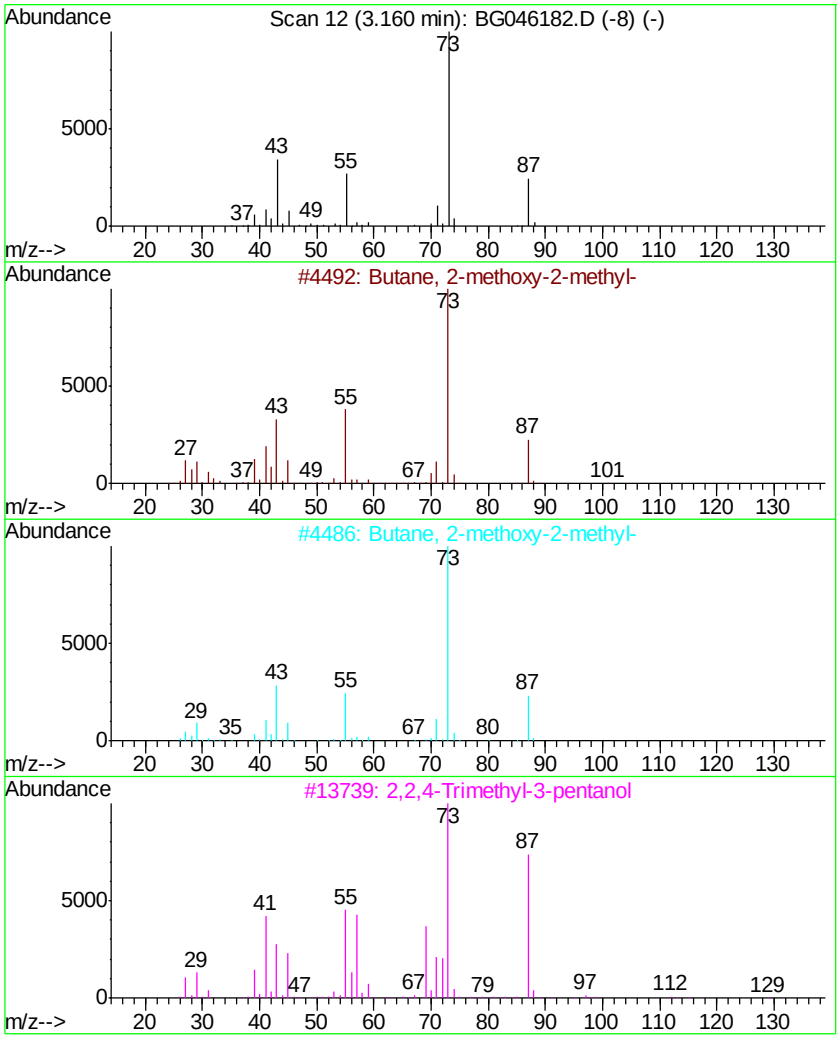
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

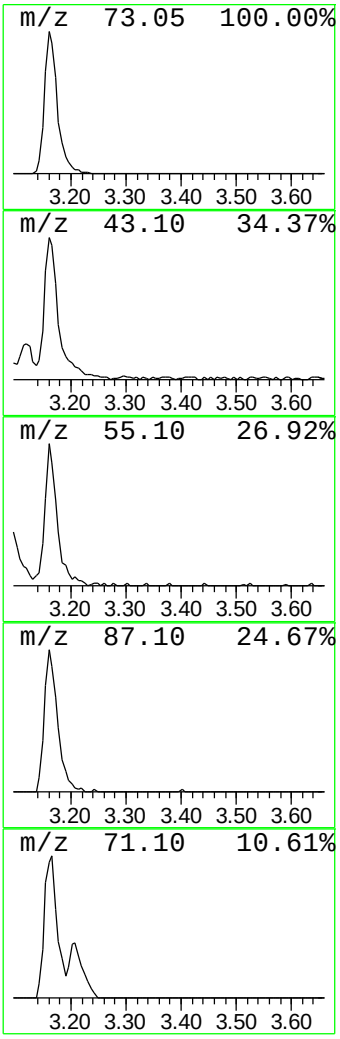
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	5.99 ng/ul	191226	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080620\
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Acq On : 6 Aug 2020 14:54
Operator : CG/JU
Sample : L3424-17DL 25X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0S92DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

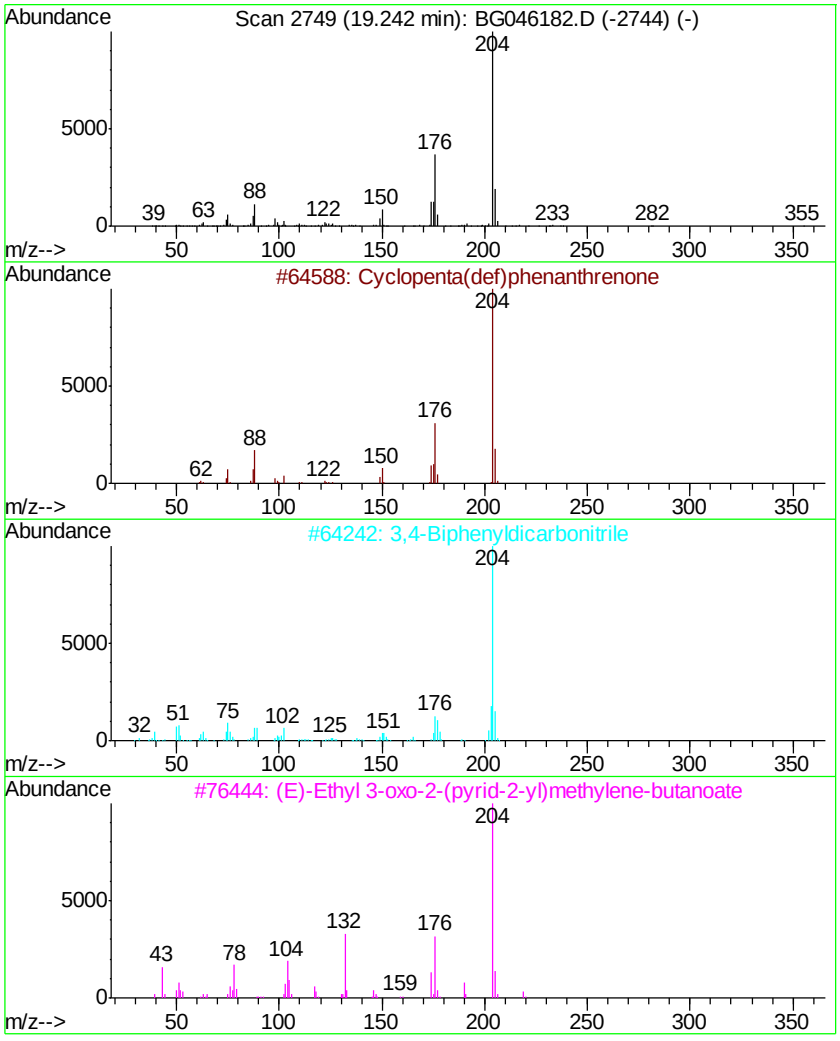
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

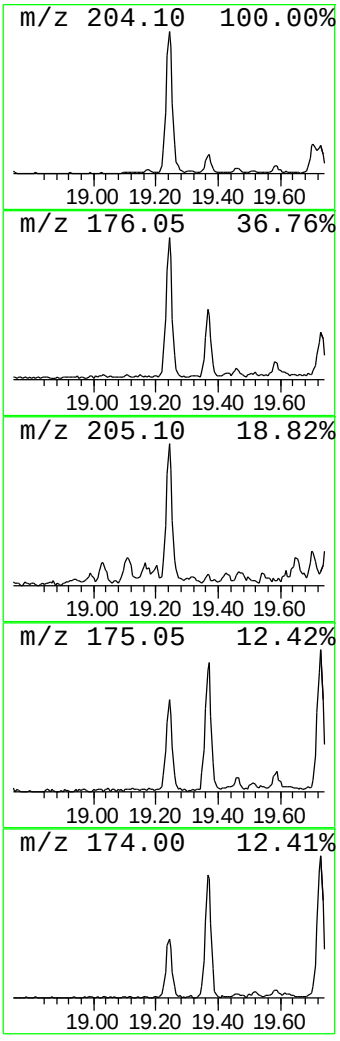
****

Peak Number 2 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	3.14 ng/ul	273651	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	58
3	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	50
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	50





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : C0S92DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

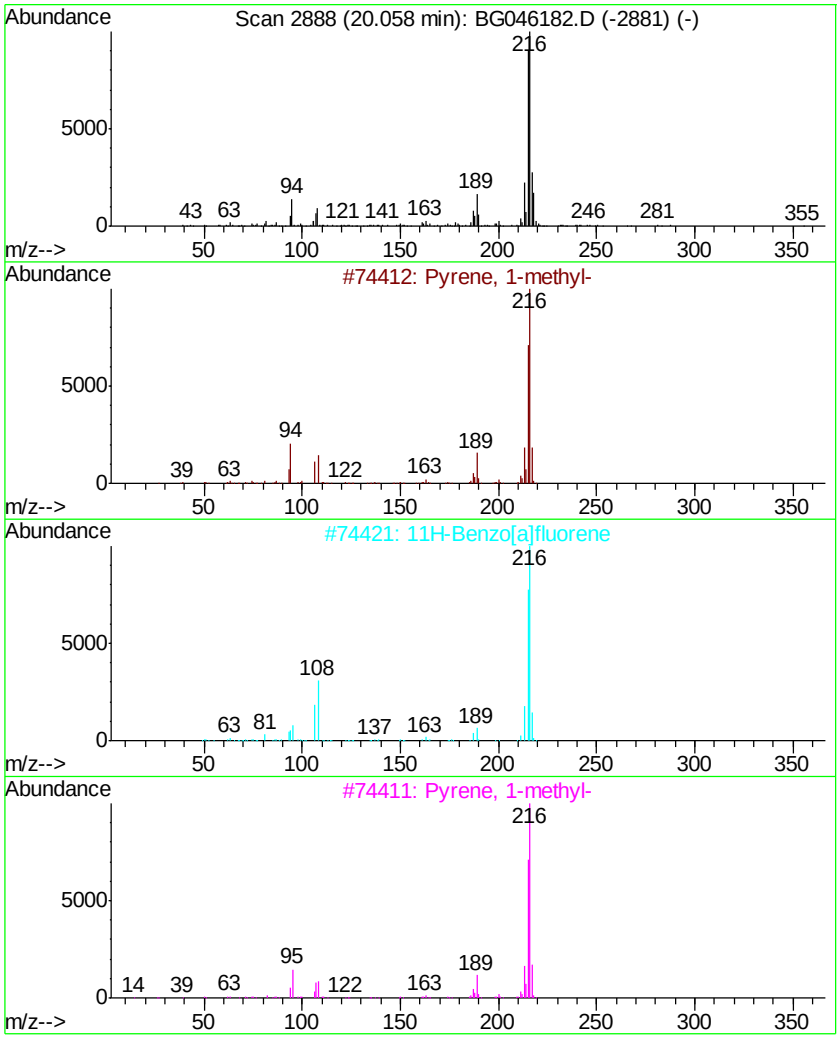
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

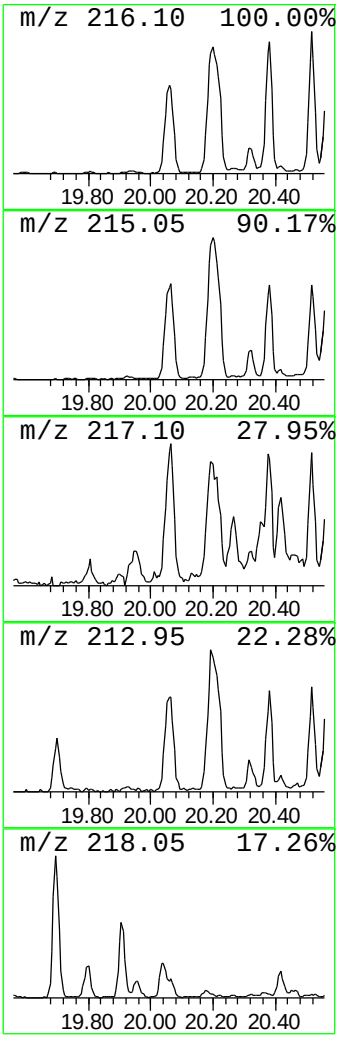
****

Peak Number 3 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	2.20 ng/ul	441426	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	60
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	59
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0S92DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

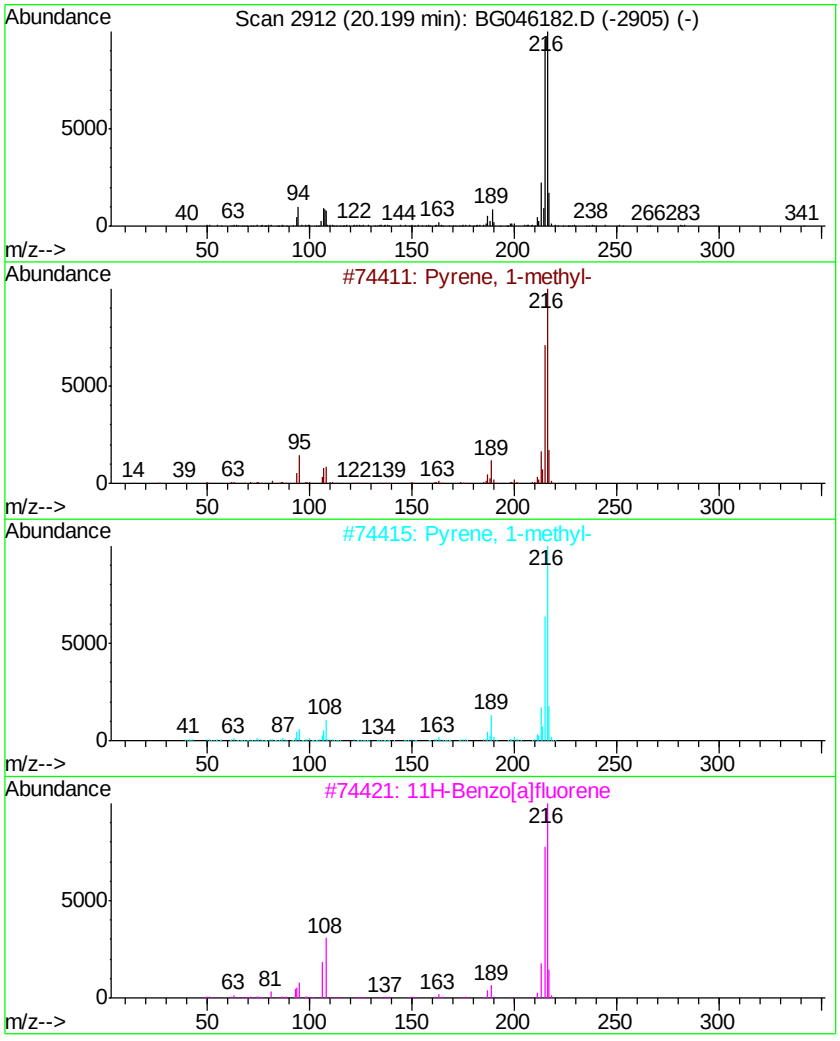
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

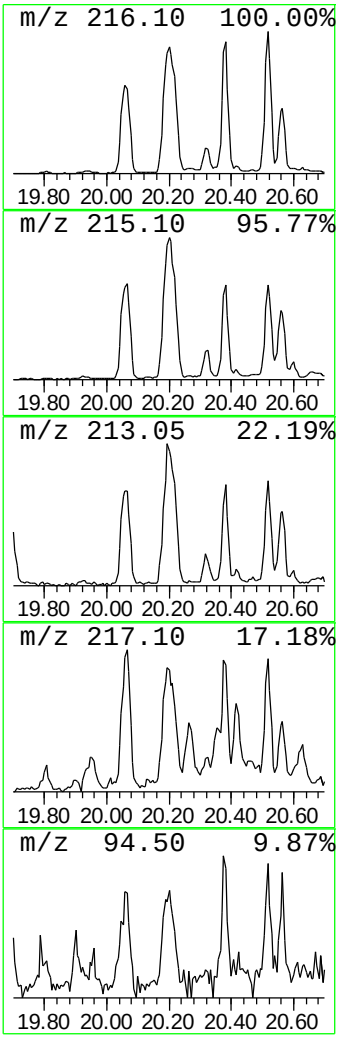
****

Peak Number 4 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.20	2.76 ng/ul	554018	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





Library Search Compound Report

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Data File : BG046182.D
Acq On : 6 Aug 2020 14:54
Operator : CG/JU
Sample : L3424-17DL 25X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0S92DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

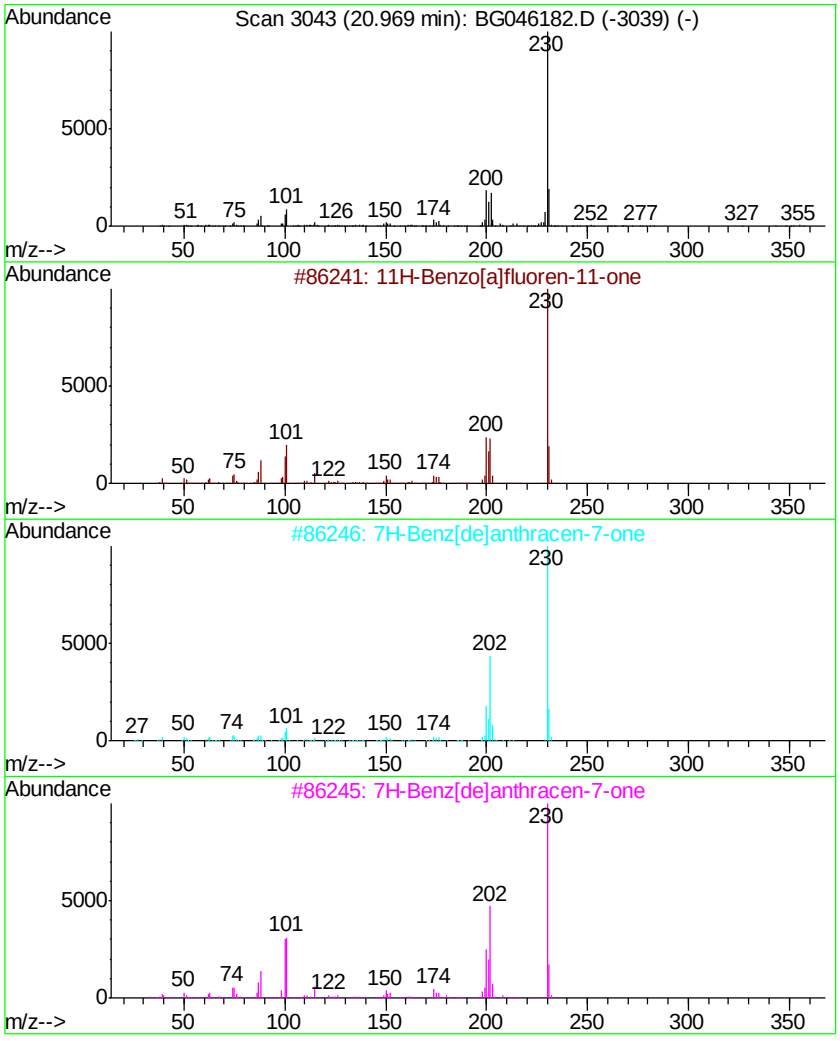
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

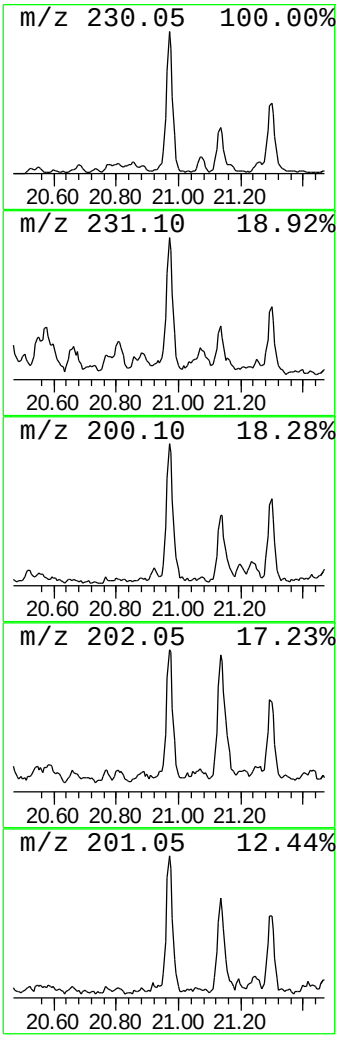
****

Peak Number 5 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.06 ng/ul	413337	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74





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Data File : BG046182.D
Acq On : 6 Aug 2020 14:54
Operator : CG/JU
Sample : L3424-17DL 25X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0S92DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

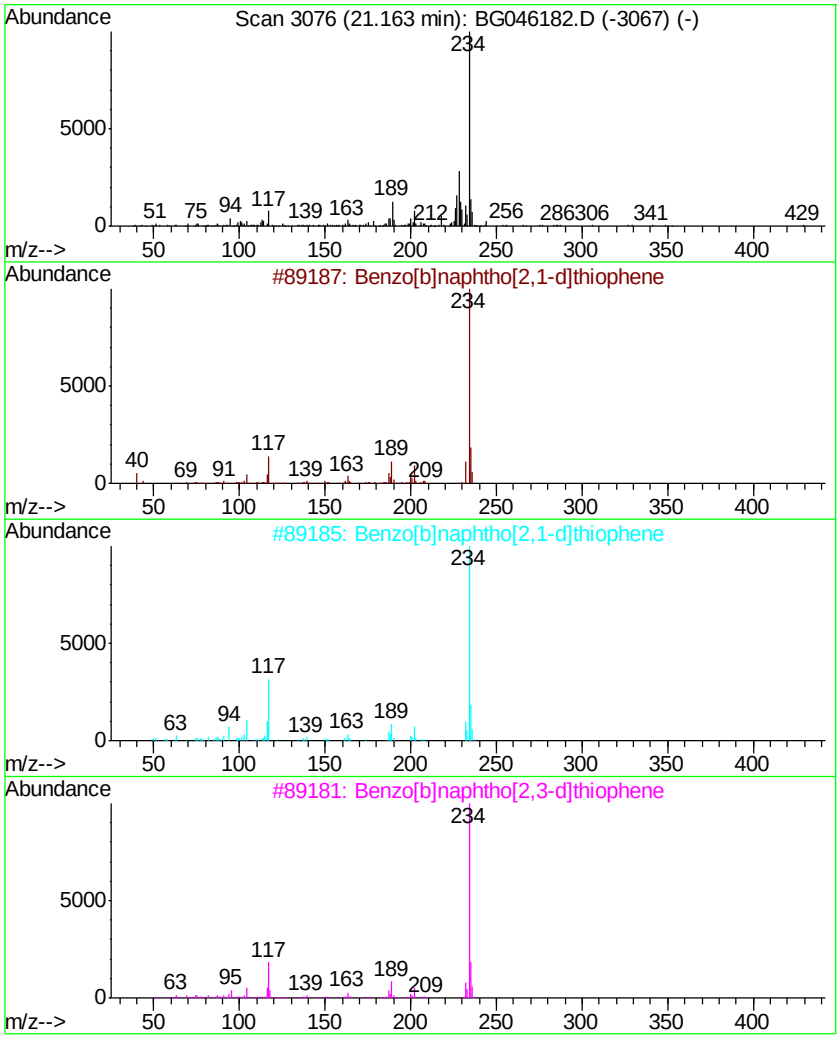
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

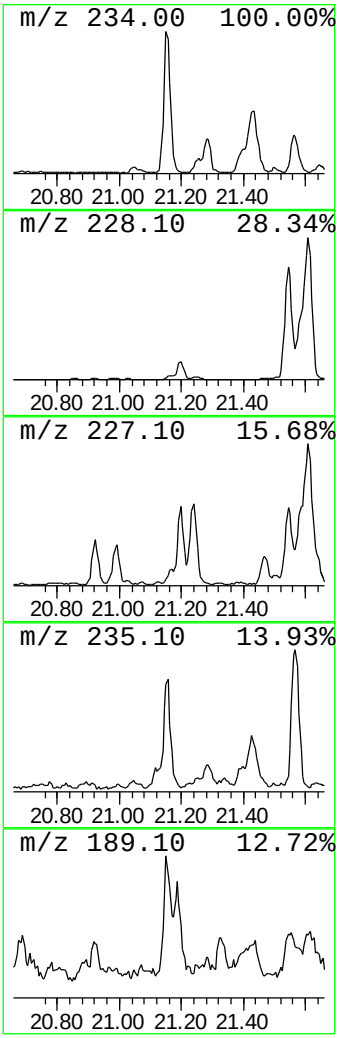
****

Peak Number 6 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	2.10 ng/ul	422893	Chrysene-d12	21.56

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	93
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	93
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90





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Acq On : 6 Aug 2020 14:54
Operator : CG/JU
Sample : L3424-17DL 25X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0S92DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

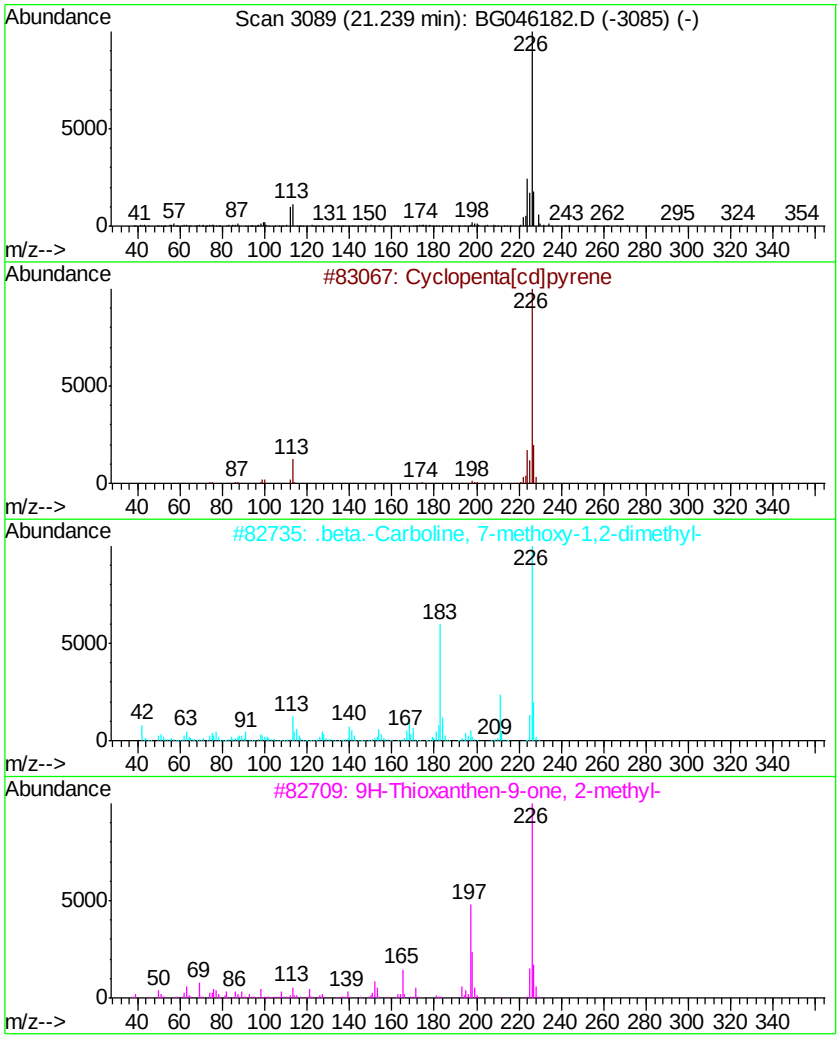
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

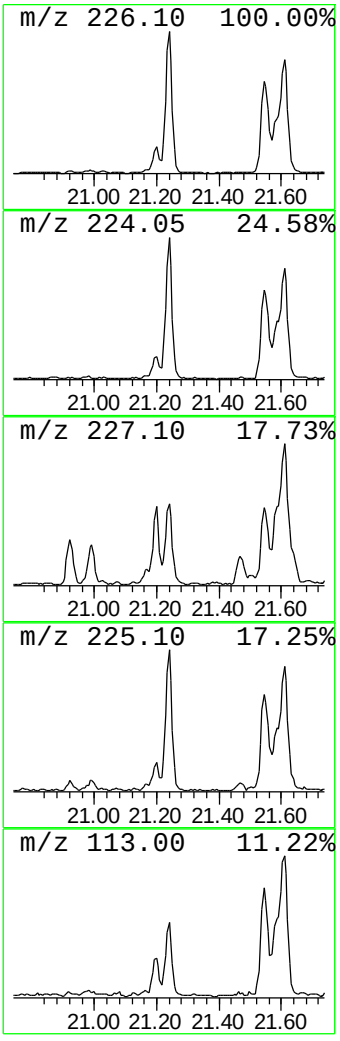
****

Peak Number 7 Cyclopenta[cd]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.24	3.23 ng/ul	648575	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	93
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
3	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	40
4	1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	37
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	33





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Operator : CG/JU
Sample : L3424-17DL 25X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0S92DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

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

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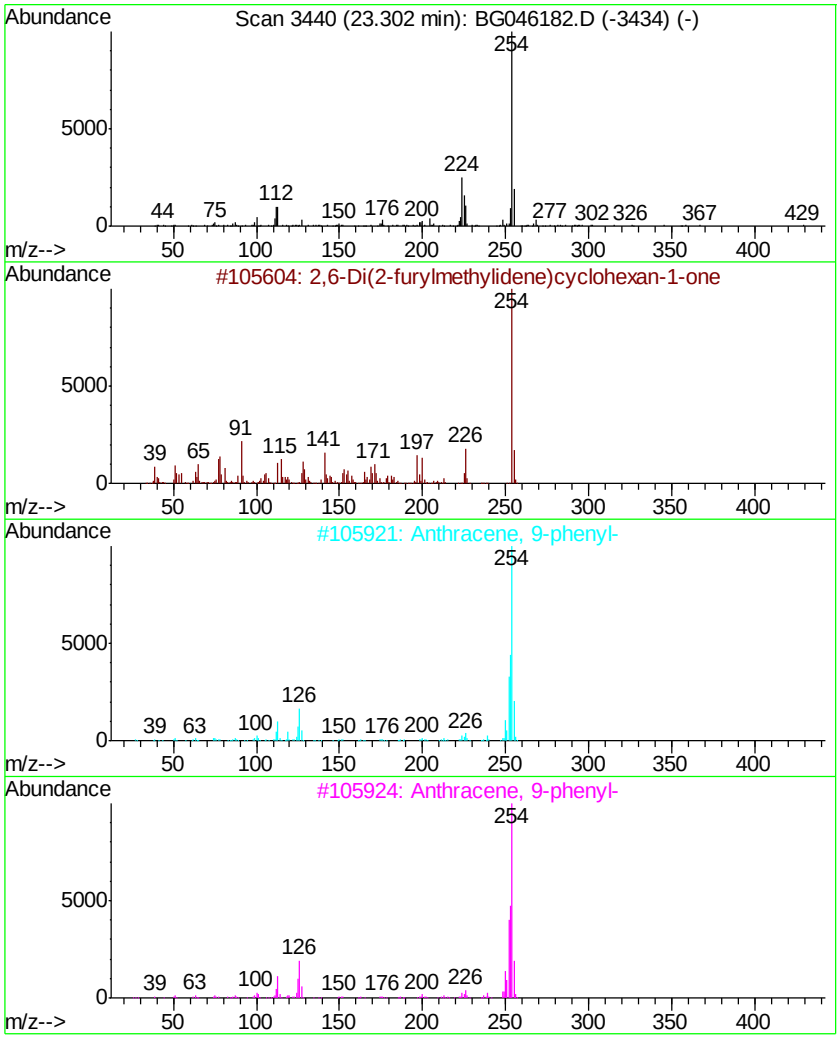
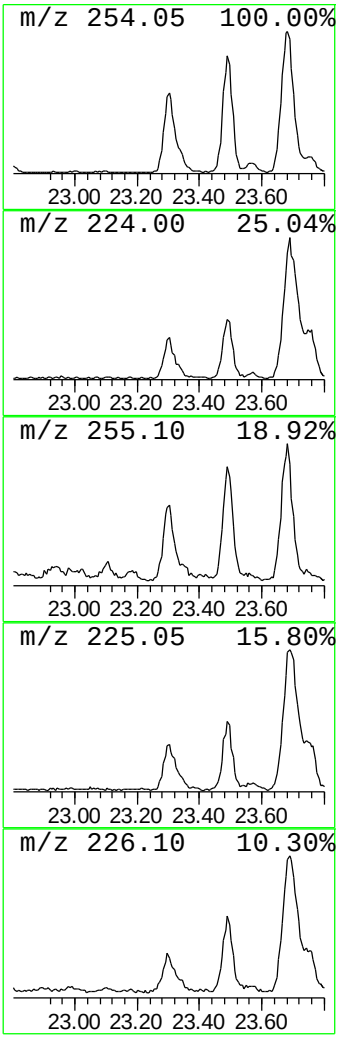
Peak Number 8 2,6-Di(2-furylmethylidene)c... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.30	2.07 ng/ul	215097	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Di(2-furylmethylidene)cycloh...	254	C16H14O3	000893-00-5	58
2	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	53
3	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	53
4	1H-Pyrano[2,3-c]pyrazol-6-one, 3...	254	C15H14N2O2	1000316-21-1	52
5	1-Propene, 1,2-bis(4-methoxyphen...	254	C17H18O2	020802-02-2	47





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Data File : BG046182.D
Acq On : 6 Aug 2020 14:54
Operator : CG/JU
Sample : L3424-17DL 25X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0S92DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

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

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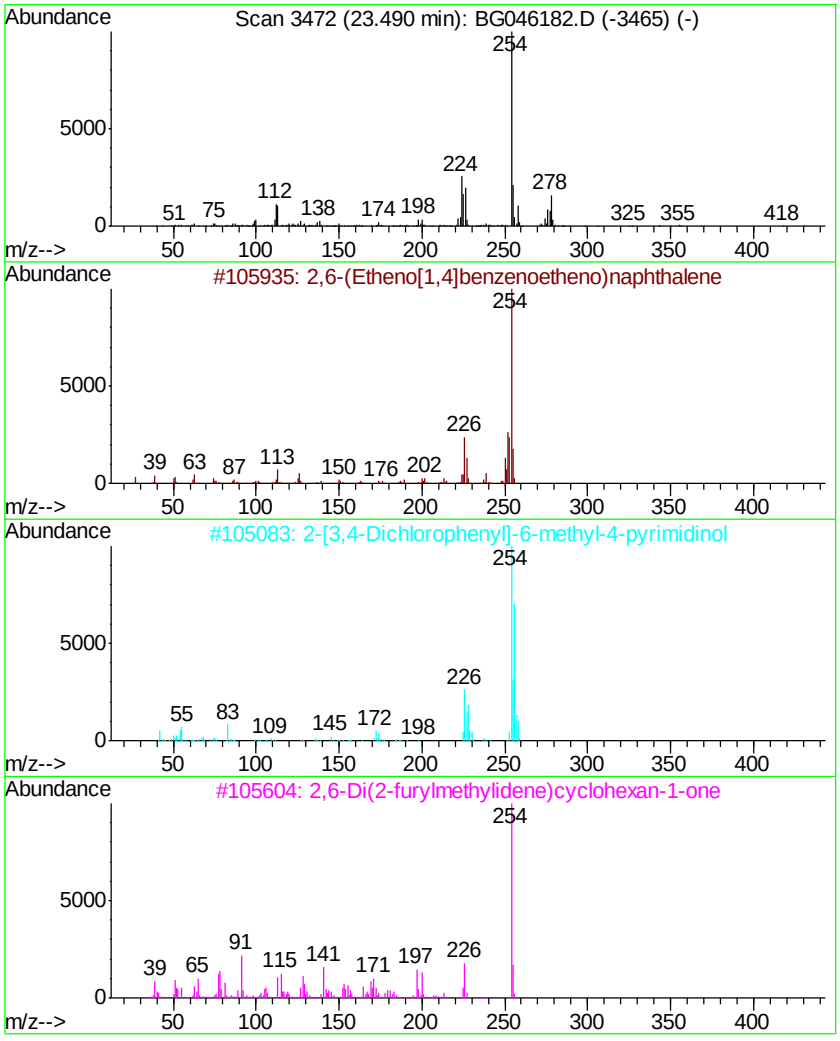
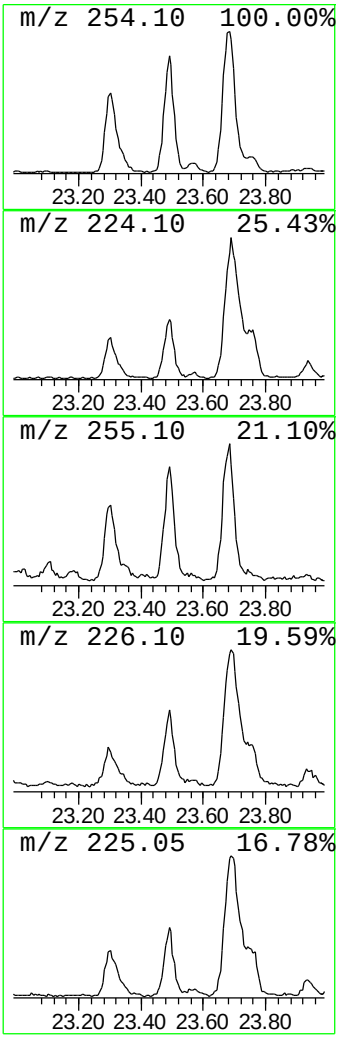
Peak Number 9 2,6-(Etheno[1,4]benzenoethe... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.49	4.54 ng/ul	472427	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	58
2	2-[3,4-Dichlorophenyl]-6-methyl-...	254	C11H8Cl2N2O	1000253-43-7	53
3	2,6-Di(2-furylmethylidene)cycloh...	254	C16H14O3	000893-00-5	50
4	Chrysin	254	C15H10O4	000480-40-0	50
5	Chrysin	254	C15H10O4	000480-40-0	47





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Acq On : 6 Aug 2020 14:54
Operator : CG/JU
Sample : L3424-17DL 25X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0S92DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

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

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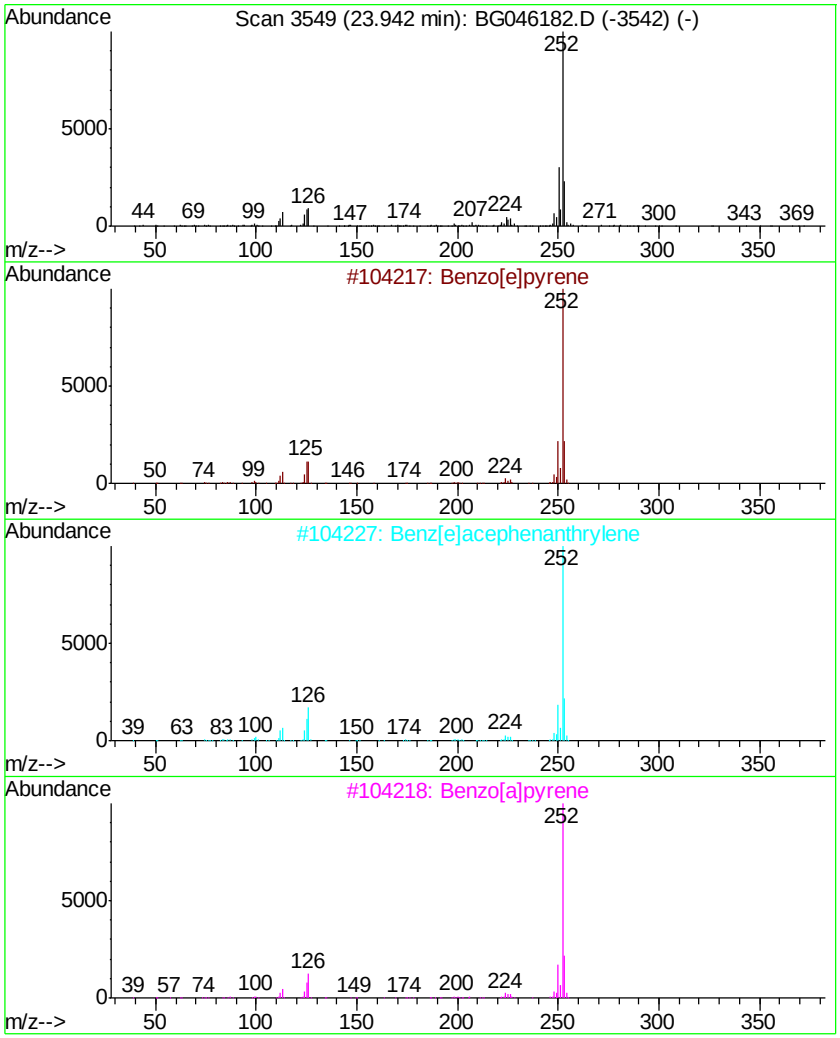
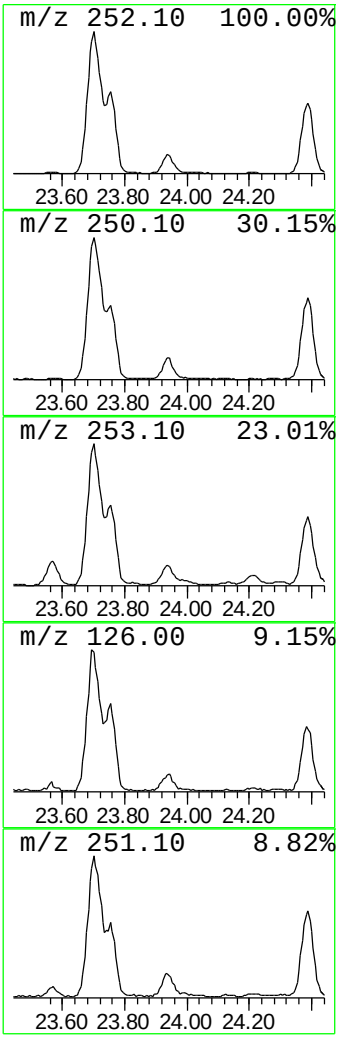
Peak Number 10 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	3.77 ng/ul	392524	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	83





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Data File : BG046182.D
Acq On : 6 Aug 2020 14:54
Operator : CG/JU
Sample : L3424-17DL 25X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0S92DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

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

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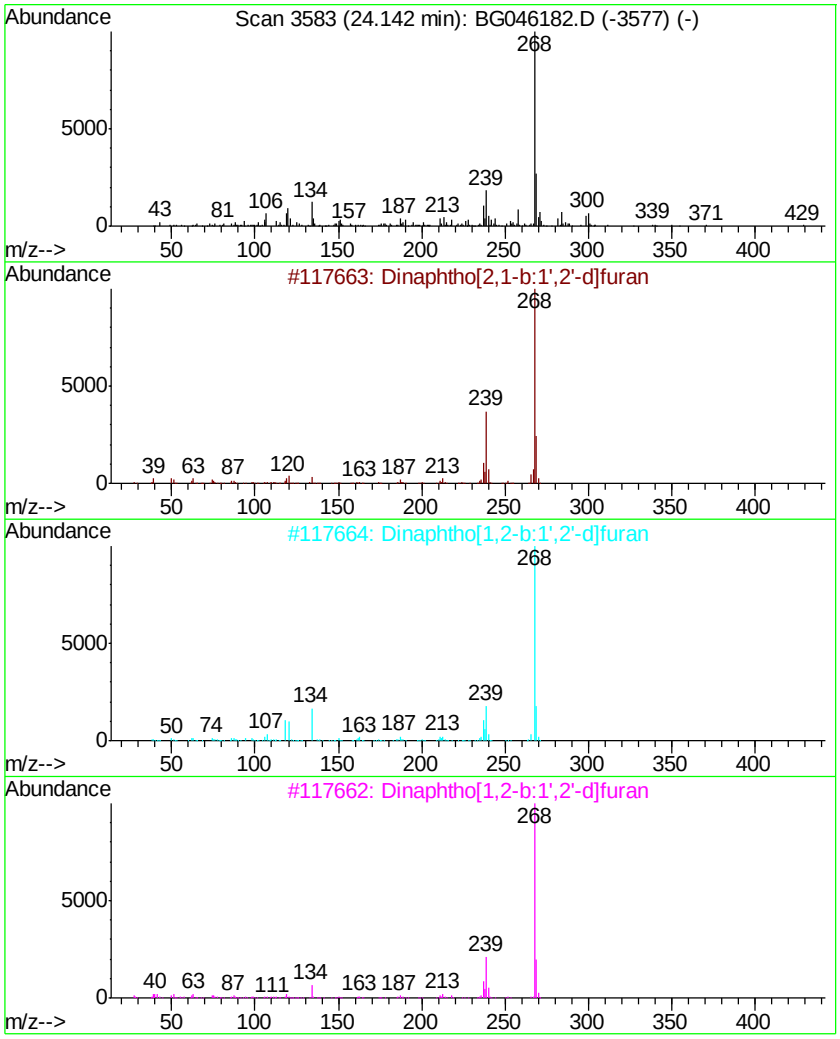
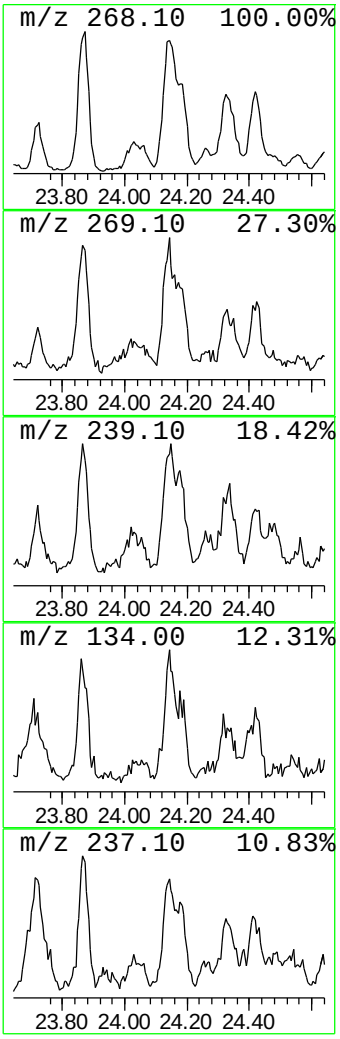
Peak Number 11 Dinaphtho[2,1-b:1',2'-d]furan Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	3.17 ng/ul	330414	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	72
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	68
3	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	64
4	4H-Dibenz[a,kl]anthracene, 5,6-d...	268	C21H16	007198-87-0	59
5	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	58





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Data File : BG046182.D
Acq On : 6 Aug 2020 14:54
Operator : CG/JU
Sample : L3424-17DL 25X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0S92DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

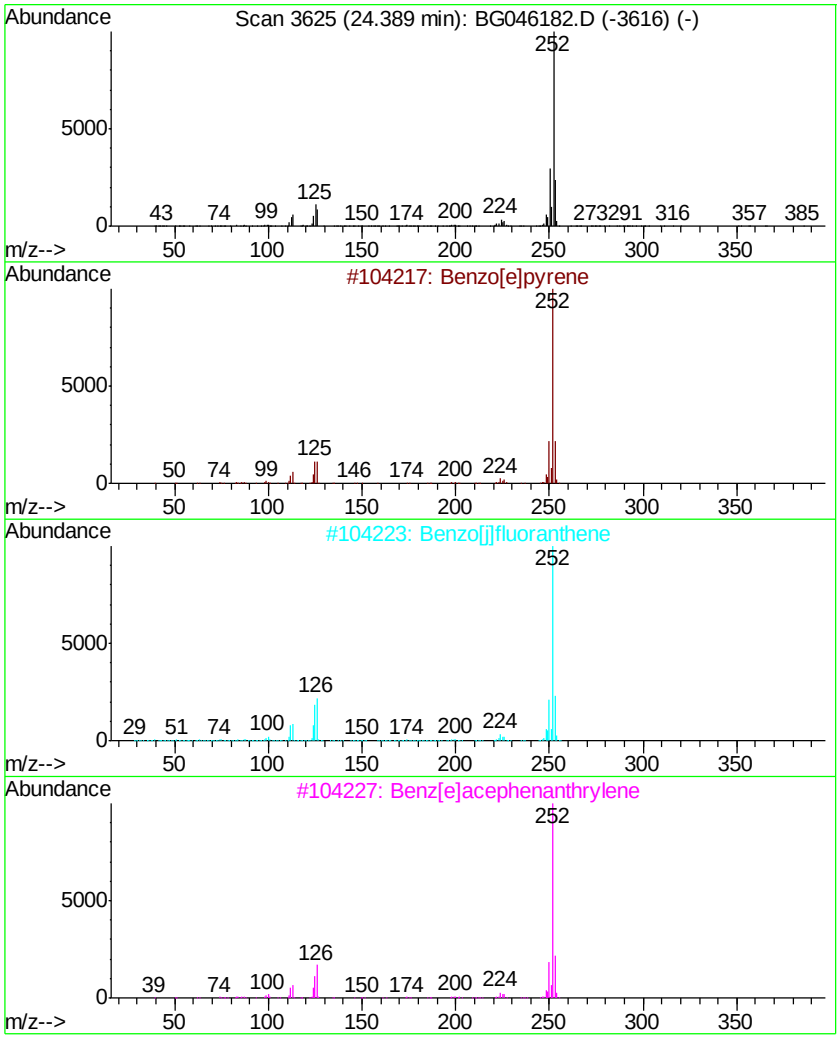
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

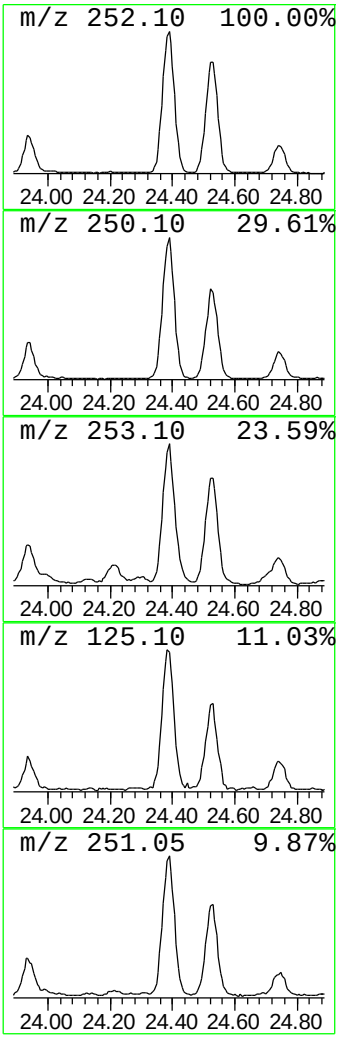
****

Peak Number 12 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.39	16.85 ng/ul	1753950	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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Data File : BG046182.D
Acq On : 6 Aug 2020 14:54
Operator : CG/JU
Sample : L3424-17DL 25X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0S92DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

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

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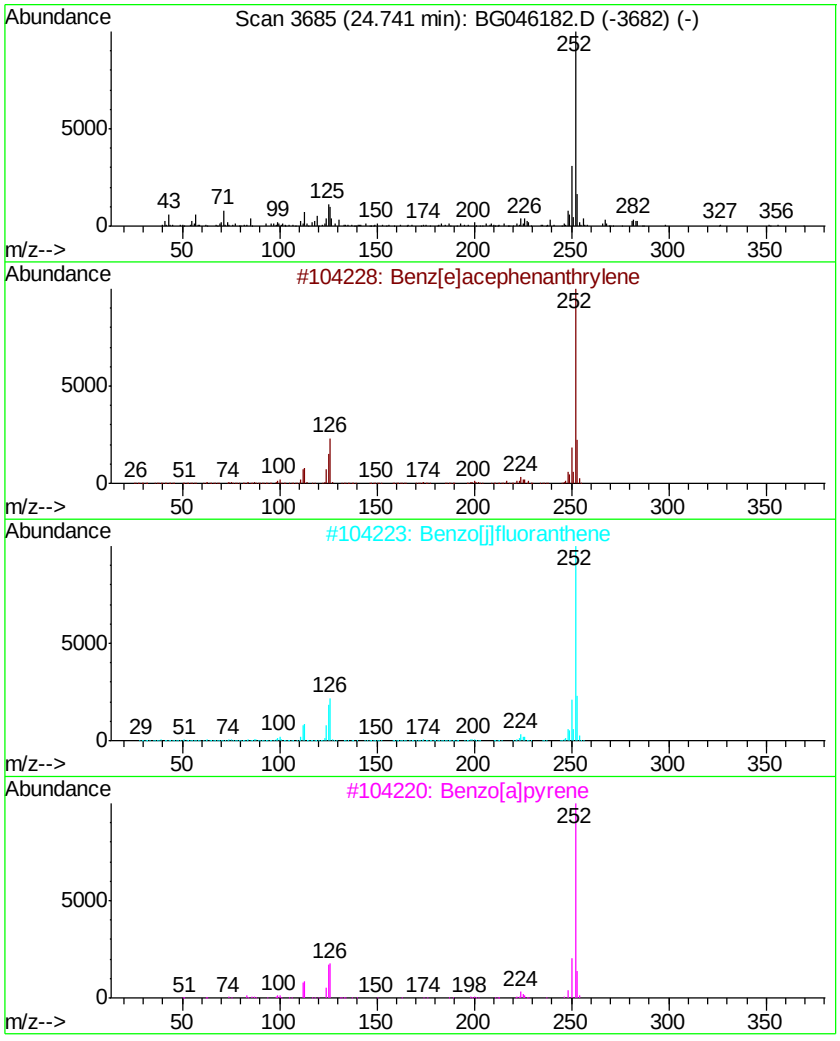
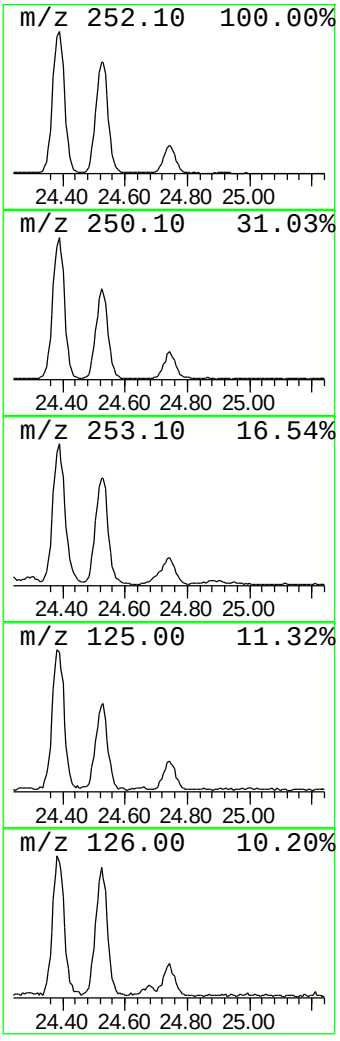
Peak Number 13 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.74	5.52 ng/ul	574750	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81
3	Benzo[a]pyrene	252	C20H12	000050-32-8	76
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	74
5	Benzo[a]pyrene	252	C20H12	000050-32-8	64





Tentatively Identified Compound (LSC) summary

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Data File : BG046182.D
Acq On : 6 Aug 2020 14:54
Operator : CG/JU
Sample : L3424-17DL 25X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0S92DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.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
Butane, 2-methoxy...	3.16	6.0	ng/ul	191226	1	7.95	638377	20.0
Cyclopenta(def)ph...	19.24	3.1	ng/ul	273651	4	17.32	1740540	20.0
Pyrene, 1-methyl-	20.06	2.2	ng/ul	441426	5	21.56	4020150	20.0
11H-Benzo[a]fluorene	20.20	2.8	ng/ul	554018	5	21.56	4020150	20.0
11H-Benzo[a]fluor...	20.97	2.1	ng/ul	413337	5	21.56	4020150	20.0
Benzo[b]naphtho[2...	21.16	2.1	ng/ul	422893	5	21.56	4020150	20.0
Cyclopenta[cd]pyrene	21.24	3.2	ng/ul	648575	5	21.56	4020150	20.0
2,6-Di(2-furylmet...	23.30	2.1	ng/ul	215097	6	24.67	2081440	20.0
2,6-(Etheno[1,4]b...	23.49	4.5	ng/ul	472427	6	24.67	2081440	20.0
Benzo[e]pyrene	23.94	3.8	ng/ul	392524	6	24.67	2081440	20.0
Dinaphtho[2,1-b:1...	24.14	3.2	ng/ul	330414	6	24.67	2081440	20.0
Benzo[j]fluoranthene	24.39	16.9	ng/ul	1753950	6	24.67	2081440	20.0
unknown-01	24.74	5.5	ng/ul	574750	6	24.67	2081440	20.0