LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047462.D
Acq On : 25 Nov 2020 1:34
Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B71DL

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	4.156	134	139	144	rVV3	13304	20567	0.83%	0.079%
2	7.405	686	692	700	rBV3	50197	101160	4.07%	0.389%
3	7.587	717	723	729	rVB	29496	51349	2.07%	0.198%
4	7.799	752	759	766	rVV2	53325	92750	3.74%	0.357%
5	8.275	833	840	846	rVV	151855	267878	10.79%	1.031%
6	8.962	950	957	964	rVB3	61435	109248	4.40%	0.421%
7	9.438	1031	1038	1045	rVB2	52947	92655	3.73%	0.357%
8	10.167	1155	1162	1168	rBV3	47483	90350	3.64%	0.348%
9	10.707	1247	1254	1260	rBV2	73786	134604	5.42%	0.518%
10	11.101	1312	1321	1329	rBV	197524	354143	14.26%	1.363%
11	11.218	1334	1341	1352	rVV3	41123	79263	3.19%	0.305%
12	14.274	1855	1861	1866	rBV	133330	194413	7.83%	0.748%
13	14.321	1866	1869	1875	rVB2	14134	21399	0.86%	0.082%
14	14.579	1905	1913	1919	rBV	129869	202589	8.16%	0.780%
15	14.885	1958	1965	1971	rBV	309311	487384	19.63%	1.876%
16	14.949	1971	1976	1982	rVB2	17797	28741	1.16%	0.111%
17	15.043	1986	1992	1999	rVB2	53505	85171	3.43%	0.328%
18	15.278	2026	2032	2037	rVB4	14382	21073	0.85%	0.081%
19	15.866	2126	2132	2137	rVV	164039	252559	10.17%	0.972%
20	15.919	2137	2141	2146	rVV2	25326	41532	1.67%	0.160%
21	15.972	2146	2150	2156	rVB5	15481	21347	0.86%	0.082%
22	17.264	2365	2370	2377	rVB	22523	37829	1.52%	0.146%
23	17.435	2393	2399	2405	rVB	28990	48047	1.94%	0.185%
24	17.617	2424	2430	2434	rBV	369033	603891	24.32%	2.325%
25	17.664	2434	2438	2443	rVV	558693	857950	34.55%	3.303%
26	17.717	2443	2447	2450	rVV2	180493	278099	11.20%	1.071%
27	17.752	2450	2453	2457	rVV	95246	129177	5.20%	0.497%
28	17.799	2457	2461	2466	rVB4	14122	23666	0.95%	0.091%
29	18.010	2488	2497	2502	rBV	57491	100875	4.06%	0.388%
30	18.128	2514	2517	2523	rVB3	14060	17211	0.69%	0.066%
31	18.193	2523	2528	2533	rBV5	12369	21800	0.88%	0.084%
32	18.345	2549	2554	2559	rVB4	11753	22758	0.92%	0.088%
33	18.486	2572	2578	2582	rVV	72755	108863	4.38%	0.419%
34	18.533	2582	2586	2592	rVB	94310	154285	6.21%	0.594%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047462.D
Acq On : 25 Nov 2020 1:34
Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B71DL

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	18.616	2592	2600	2604	rBV2	25933	45590	1.84%	0.176%
36	18.686	2604	2612	2615	rBV3	115464	221176	8.91%	0.851%
37	18.716	2615	2617	2622	rVB	48678	56917	2.29%	0.219%
38	18.974	2655	2661	2664	rBV	77990	113634	4.58%	0.437%
39	19.015	2664	2668	2674	rVB2	138663	208567	8.40%	0.803%
40	19.221	2699	2703	2706	rVV4	25708	38913	1.57%	0.150%
41	19.262	2708	2710	2714	rVV3	20554	25909	1.04%	0.100%
42	19.303	2714	2717	2723	rVB2	18345	26770	1.08%	0.103%
43	19.385	2726	2731	2736	rBV3	47809	88823	3.58%	0.342%
44	19.444	2736	2741	2745	rVV7	21942	45136	1.82%	0.174%
45	19.473	2745	2746	2750	rVB	17632	16716	0.67%	0.064%
46	19.526	2750	2755	2763	rBV2	67035	116296	4.68%	0.448%
47	19.656	2770	2777	2782	rVV	1714218	2482930	100.00%	9.559%
48	19.703	2782	2785	2788	rVV5	17632	20903	0.84%	0.080%
49	19.744	2788	2792	2796	rVB	28987	36906	1.49%	0.142%
50	19.838	2802	2808	2811	rBV7	32180	54056	2.18%	0.208%
51	19.891	2812	2817	2826	rVB	58647	112726	4.54%	0.434%
52	19.979	2826	2832	2834	rBV3	480203	742299	29.90%	2.858%
53	20.014	2834	2838	2844	rVB	1299400	1877236	75.61%	7.227%
54	20.073	2844	2848	2853	rVB2	63387	96252	3.88%	0.371%
55	20.184	2861	2867	2871	rBV	85406	125570	5.06%	0.483%
56	20.243	2872	2877	2882	rVB2	42794	72080	2.90%	0.277%
57	20.325	2884	2891	2897	rBV2	86137	232735	9.37%	0.896%
58	20.372	2897	2899	2905	rVB	20319	27748	1.12%	0.107%
59	20.461	2905	2914	2915	rBV6	56916	103328	4.16%	0.398%
60	20.496	2915	2920	2925	rVB	191199	298434	12.02%	1.149%
61	20.590	2931	2936	2940	rBV	134121	191155	7.70%	0.736%
62	20.649	2940	2946	2950	rVV2	92670	194854	7.85%	0.750%
63	20.684	2950	2952	2956	rVB	63880	76313	3.07%	0.294%
64	20.725	2956	2959	2964	rVB4	32347	45570	1.84%	0.175%
65	20.790	2966	2970	2974	rBV	60260	84509	3.40%	0.325%
66	20.837	2974	2978	2982	rBV3	49214	66538	2.68%	0.256%
67	21.054	3010	3015	3018	rBV7	17862	32393	1.30%	0.125%
68	21.089	3019	3021	3024	rVV3	31978	40103	1.62%	0.154%
69	21.142	3025	3030	3038	rVV5	39135	102441	4.13%	0.394%
70	21.224	3039	3044	3045	rVV5	22025	32553	1.31%	0.125%
71	21.265	3047	3051	3059	rVB	141090	235039	9.47%	0.905%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047462.D
Acq On : 25 Nov 2020 1:34
Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B71DL

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	21.459	3076	3084	3088	rBV2	188164	389241	15.68%	1.498%
73	21.506	3088	3092	3097	rVV	153256	263377	10.61%	1.014%
74	21.559	3097	3101	3105	rVV3	139625	266835	10.75%	1.027%
75	21.612	3105	3110	3117	rVB2	148490	284213	11.45%	1.094%
76	21.759	3125	3135	3140	rBV2	74158	190486	7.67%	0.733%
77	21.882	3145	3156	3163	rVV2	828006	2168054	87.32%	8.346%
78	21.953	3163	3168	3180	rVB	716677	1359204	54.74%	5.233%
79	22.112	3189	3195	3201	rBV	112323	202667	8.16%	0.780%
80	22.176	3201	3206	3209	rBV5	28642	53335	2.15%	0.205%
81	22.241	3214	3217	3224	rVB2	52011	98021	3.95%	0.377%
82	22.323	3225	3231	3237	rBV3	105939	196293	7.91%	0.756%
83	22.593	3272	3277	3280	rBV5	19444	36493	1.47%	0.140%
84	22.664	3282	3289	3295	rVV	89022	210091	8.46%	0.809%
85	22.746	3297	3303	3310	rVB4	97892	207488	8.36%	0.799%
86	22.958	3333	3339	3342	rBV5	57289	110843	4.46%	0.427%
87	23.005	3342	3347	3353	rVB7	63679	149605	6.03%	0.576%
88	23.099	3356	3363	3372	rBV6	47880	130224	5.24%	0.501%
89	23.363	3404	3408	3413	rVB4	25985	41974	1.69%	0.162%
90	24.227	3545	3555	3563	rBV2	509053	1854827	74.70%	7.141%
91	24.485	3593	3599	3609	rBV2	68955	171264	6.90%	0.659%
92	24.709	3632	3637	3643	rBV8	31963	76438	3.08%	0.294%
93	24.991	3676	3685	3694	rBV2	265715	797289	32.11%	3.069%
94	25.061	3695	3697	3698	rBV2	25662	20552	0.83%	0.079%
95	25.143	3704	3711	3726	rVB	364309	1095353	44.12%	4.217%
96	25.302	3728	3738	3746	rBV2	186074	638134	25.70%	2.457%
97	25.719	3807	3809	3812	rBV4	11329	16737	0.67%	0.064%
98	28.028	4196	4202	4204	rBV7	20143	44769	1.80%	0.172%
99	29.221	4392	4405	4430	rVB3	156518	947610	38.16%	3.648%
100	30.443	4600	4613	4626	rBV2	84452	410730	16.54%	1.581%

Sum of corrected areas: 25975891

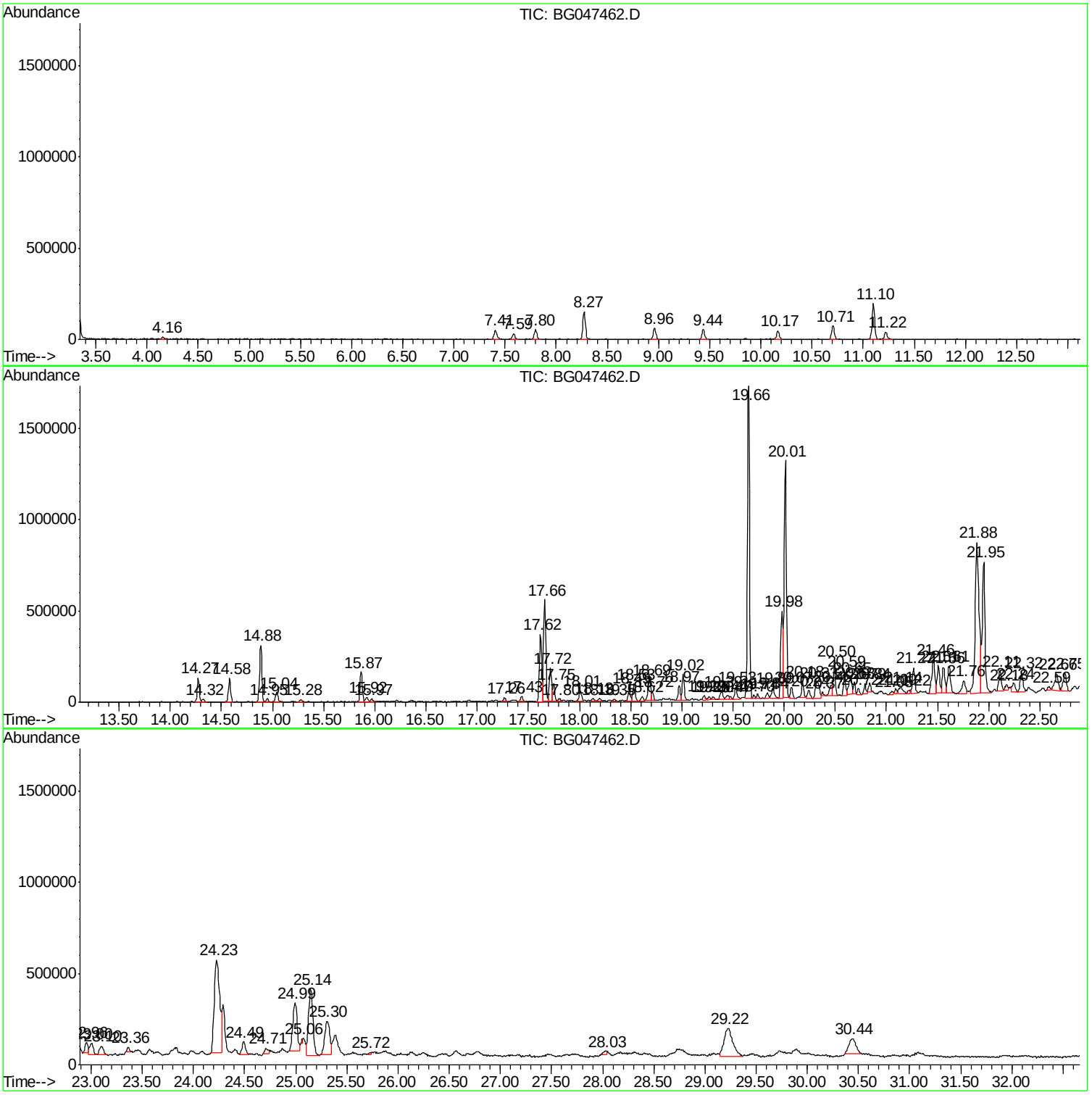
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047462.D
Acq On : 25 Nov 2020 1:34
Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B71DL

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047462.D
Acq On : 25 Nov 2020 1:34
Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B71DL

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

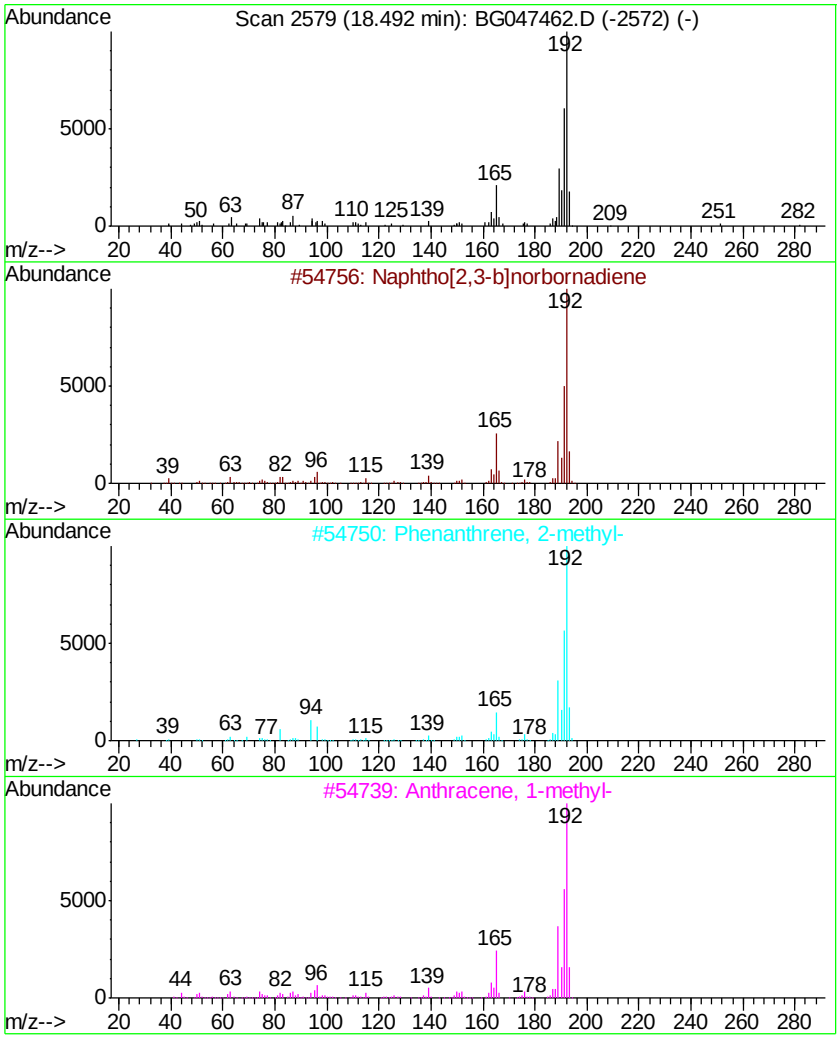
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

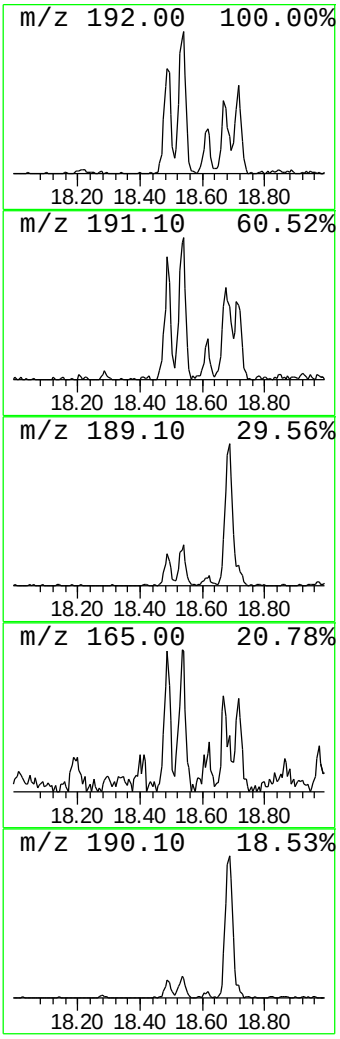
****

Peak Number 1 Naphtho[2,3-b]norbornadiene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	3.61 ng/ul	108863	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047462.D
Acq On : 25 Nov 2020 1:34
Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B71DL

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

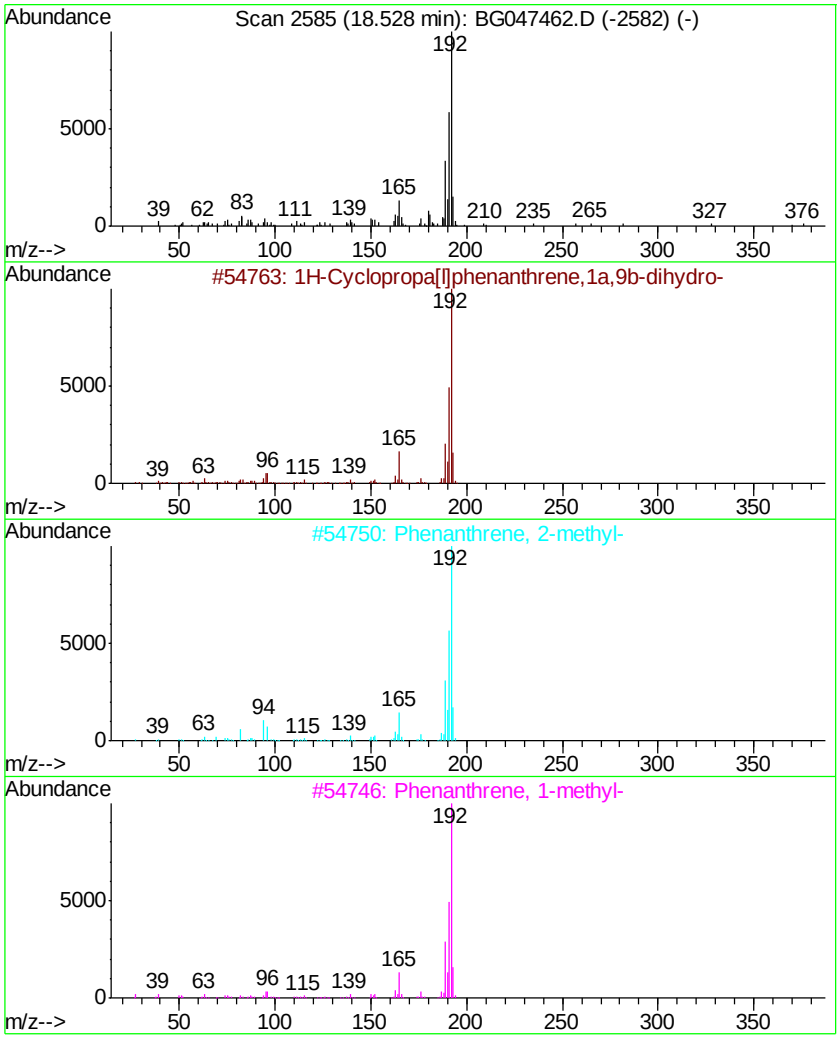
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

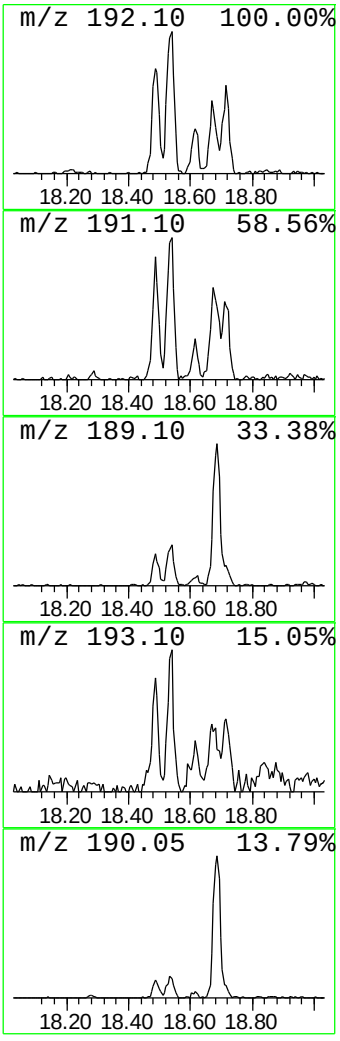
****

Peak Number 2 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	5.11 ng/ul	154285	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047462.D
Acq On : 25 Nov 2020 1:34
Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B71DL

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

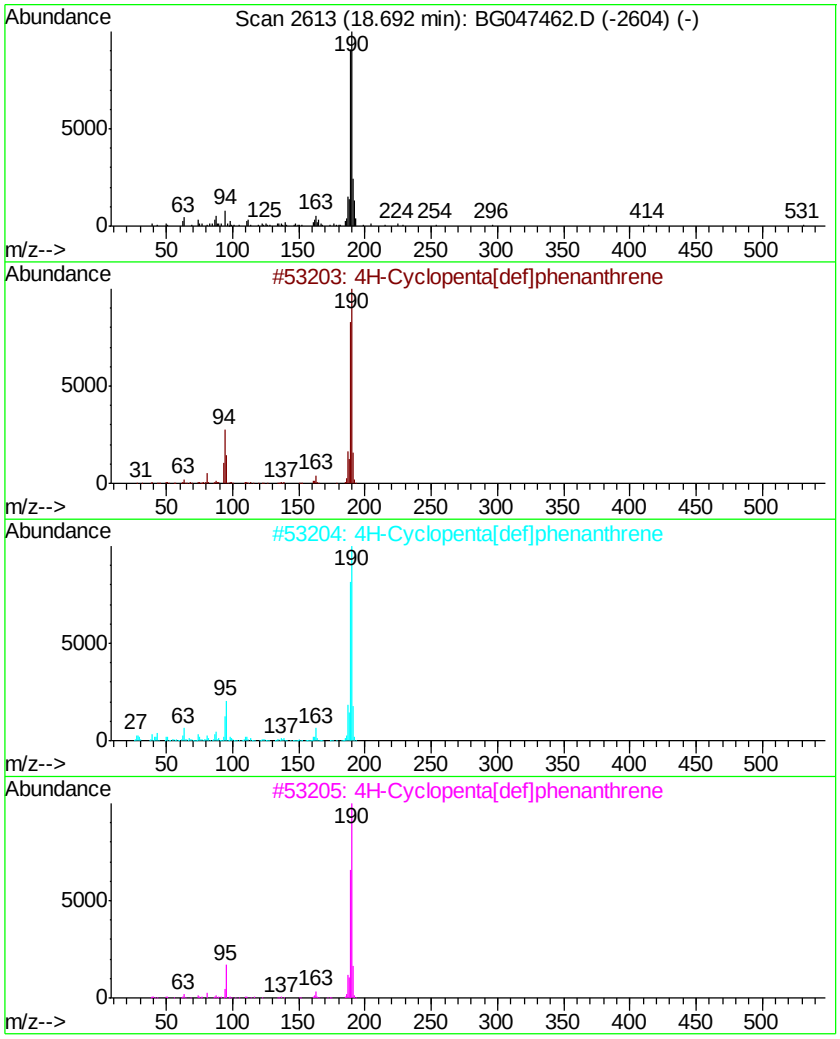
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

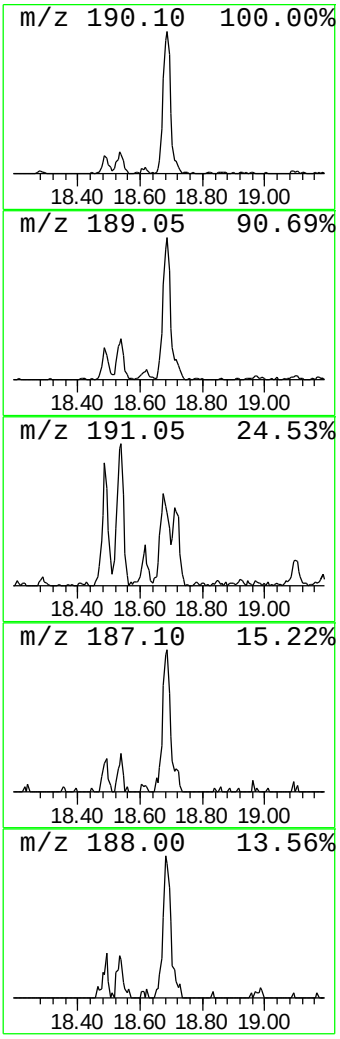
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	7.33 ng/ul	221176	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	53
5	Methyl diselenide	190	C2H6Se2	007101-31-7	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047462.D
Acq On : 25 Nov 2020 1:34
Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B71DL

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

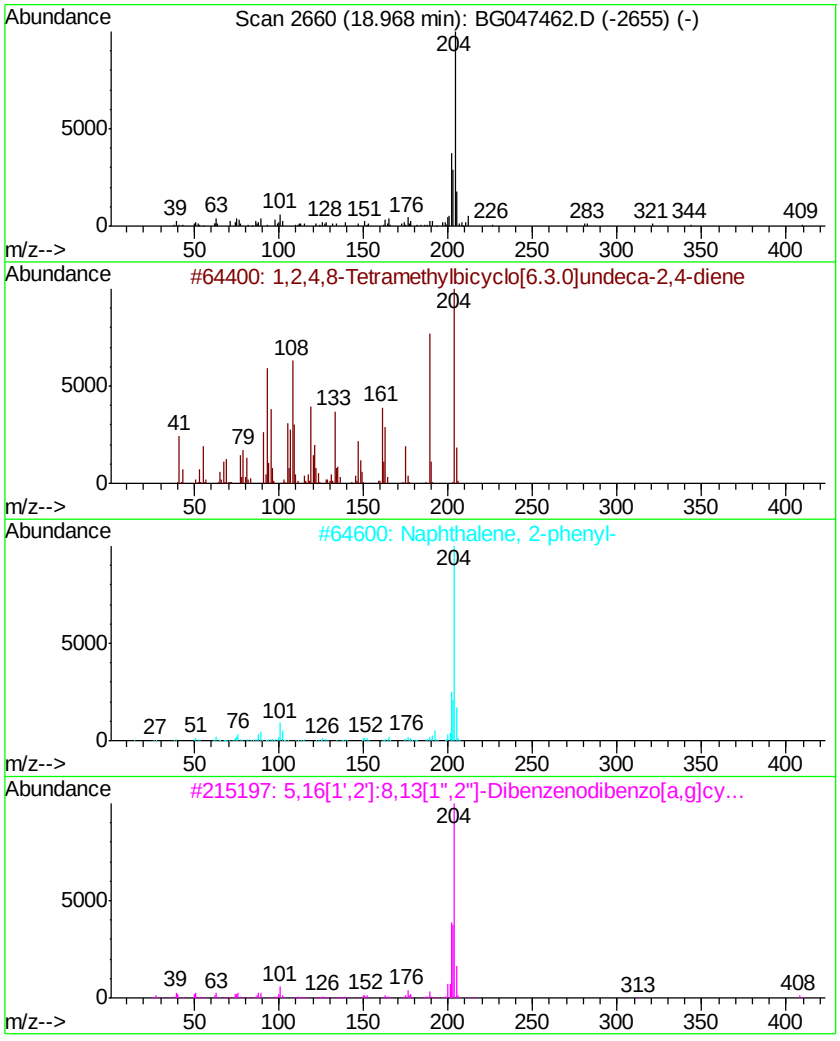
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

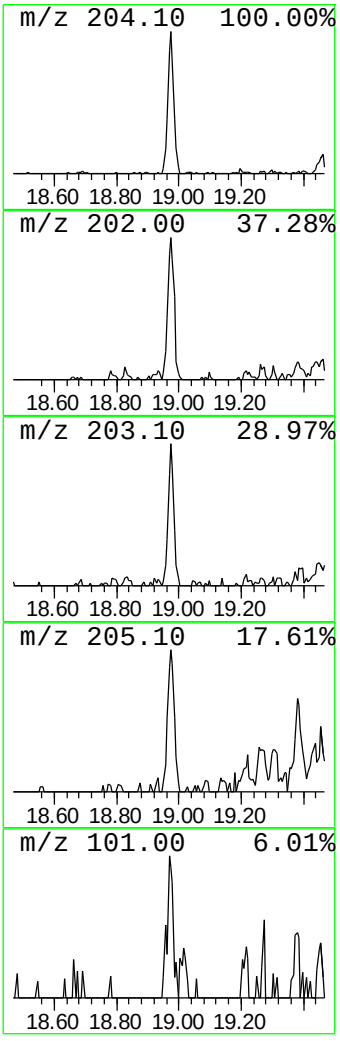
****

Peak Number 4 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	3.76 ng/ul	113634	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	95
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047462.D
Acq On : 25 Nov 2020 1:34
Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B71DL

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

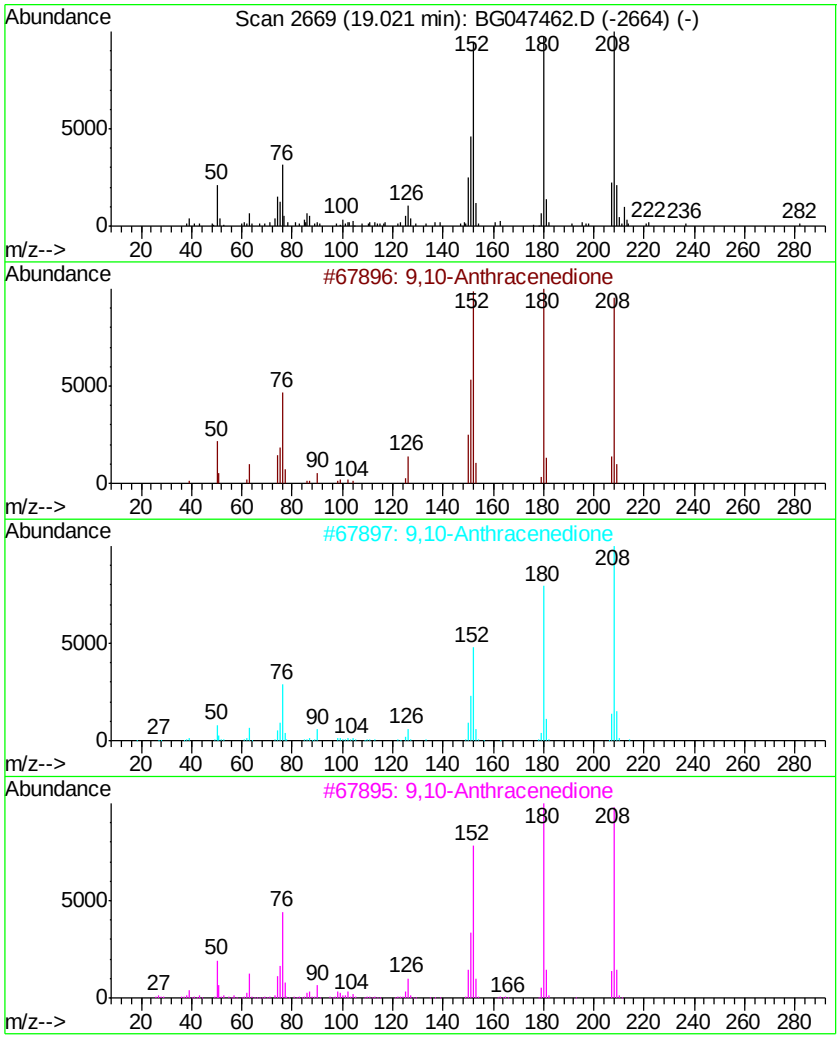
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

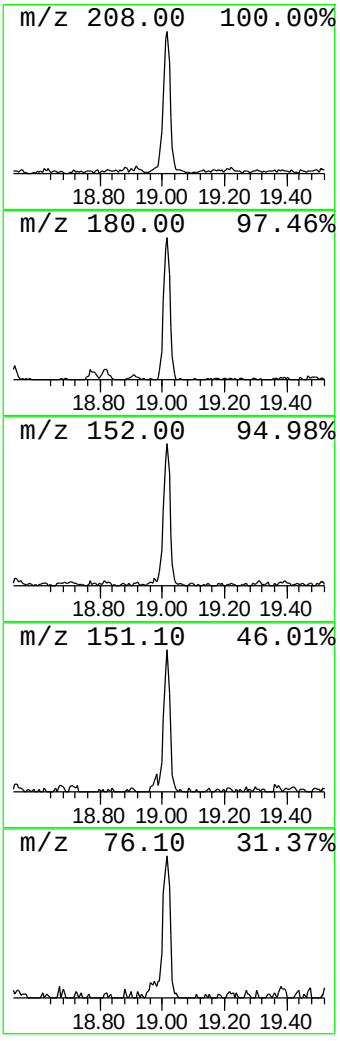
****

Peak Number 5 9,10-Anthracenedione Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	6.91 ng/ul	208567	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





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Acq On : 25 Nov 2020 1:34
Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B71DL

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Quant Title : SVOA CALIBRATION

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

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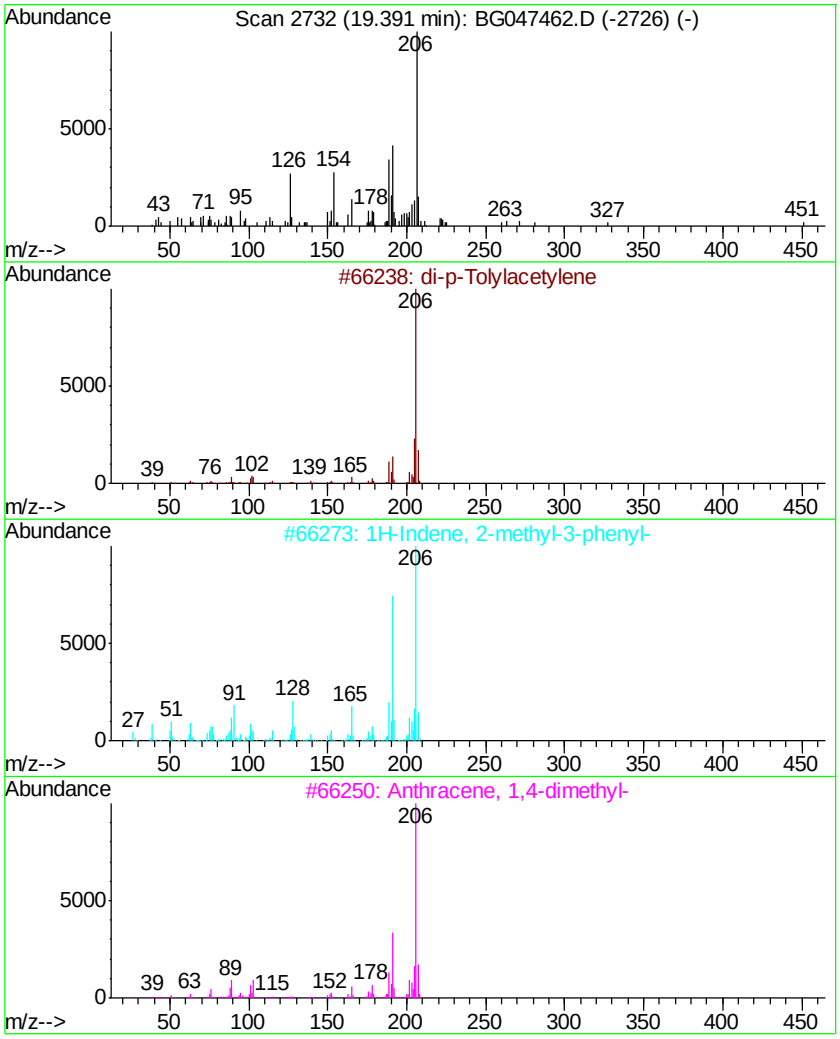
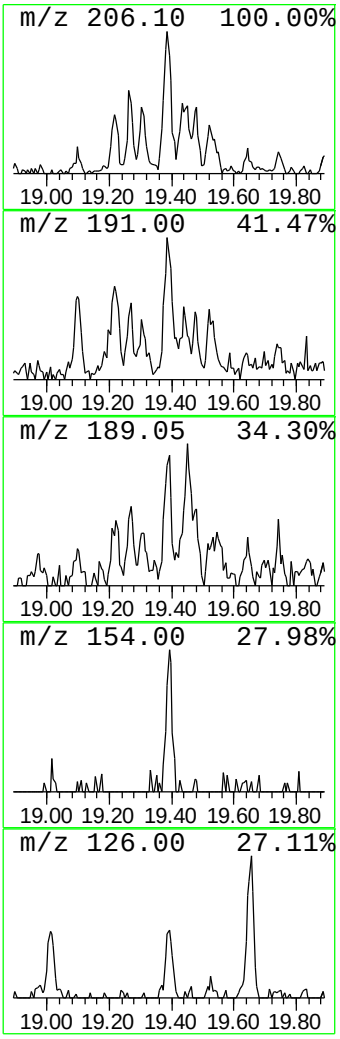
Peak Number 6 di-p-Tolylacetylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	2.94 ng/ul	88823	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	70
2	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	64
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	64
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	53
5	6-Methoxy-3-methyl-2-benzofuranc...	206	C11H10O4	010410-29-4	52





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Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B71DL

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

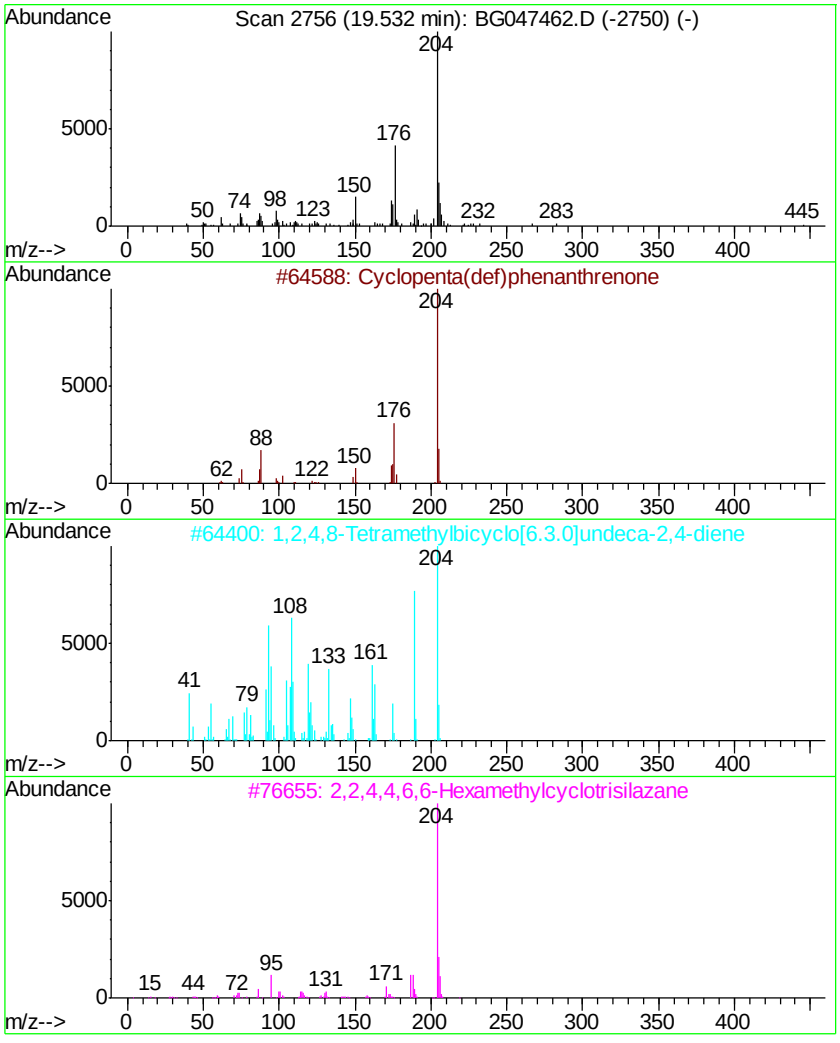
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

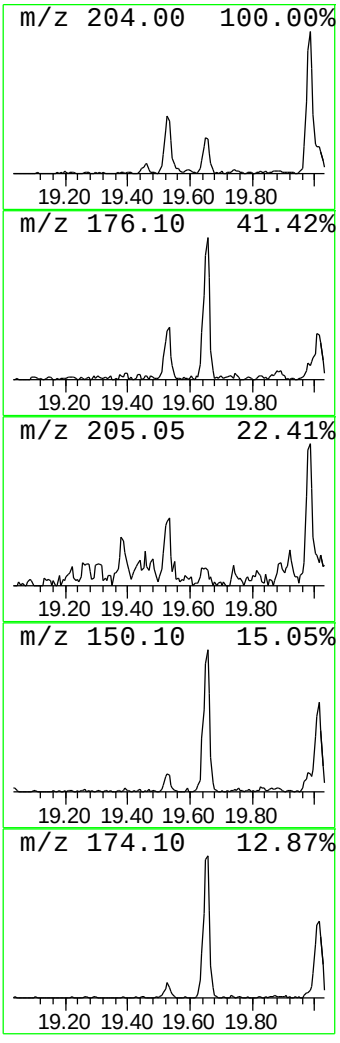
****

Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.53	3.85 ng/ul	116296	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	58
3	2,2,4,4,6,6-Hexamethylcyclotrisi...	219	C6H21N3Si3	001009-93-4	52
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	50





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Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B71DL

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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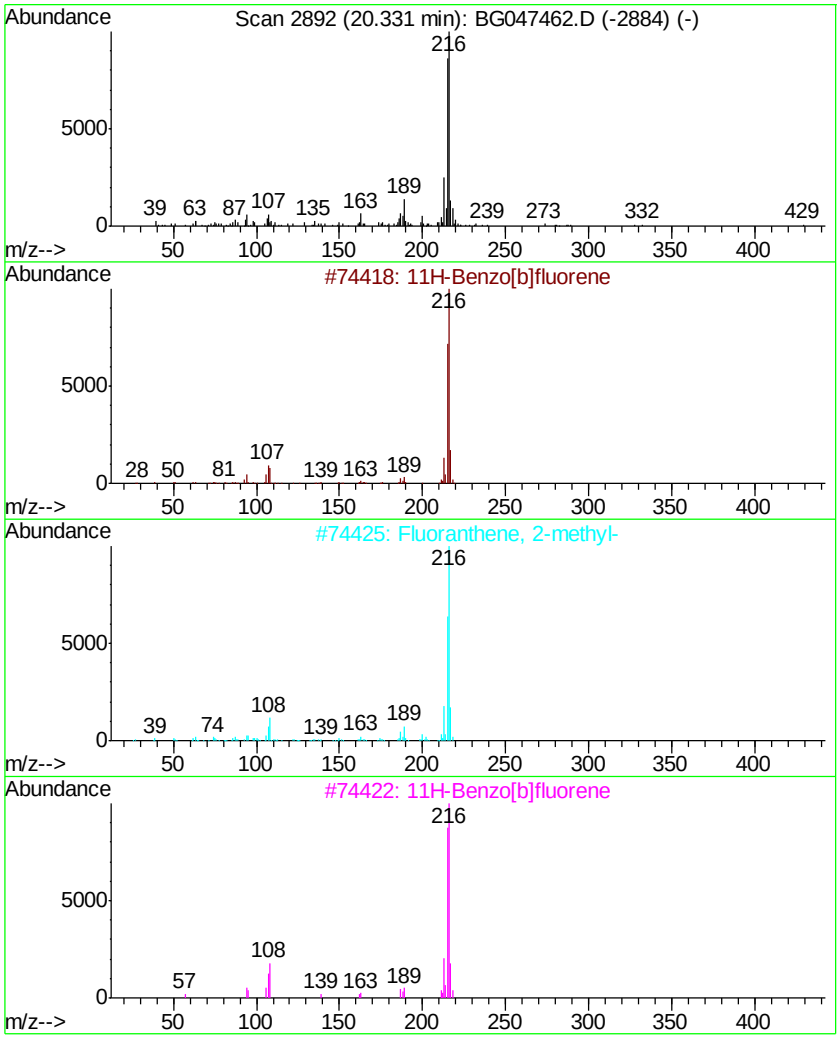
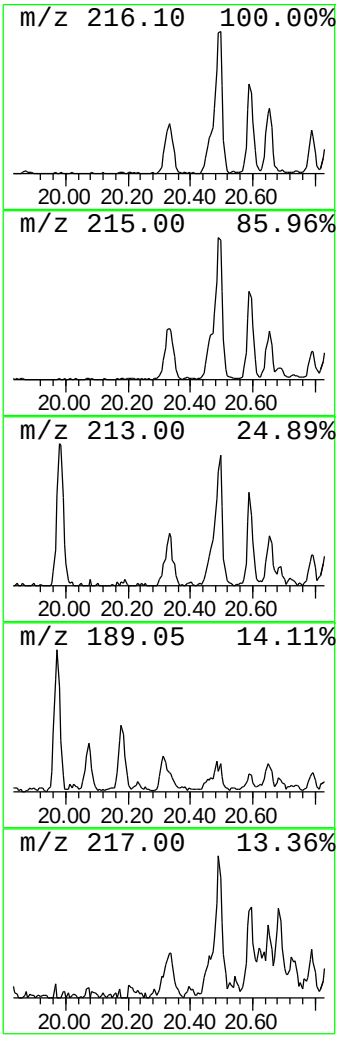
Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	2.15 ng/ul	232735	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	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
4	.beta.-Carboline, 1,2,3,4-tetrah...	260	C14H16N2O3	1000124-14-2	59
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	59





Library Search Compound Report

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Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B71DL

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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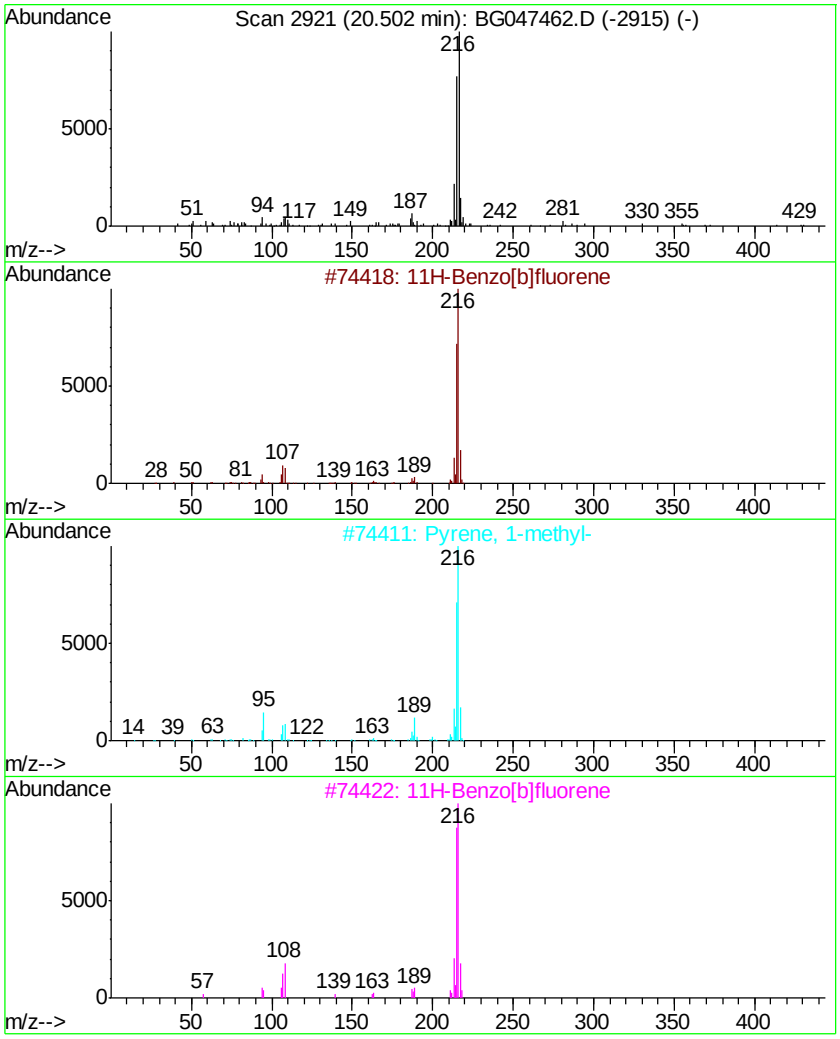
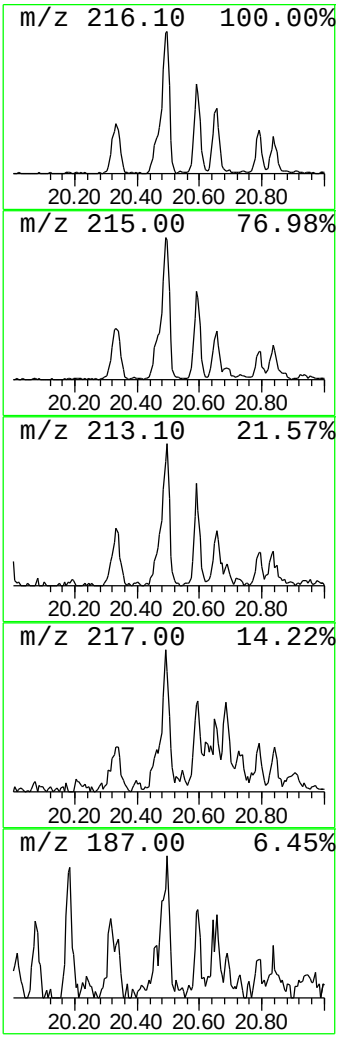
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	2.75 ng/ul	298434	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	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72





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Acq On : 25 Nov 2020 1:34
Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B71DL

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Quant Title : SVOA CALIBRATION

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

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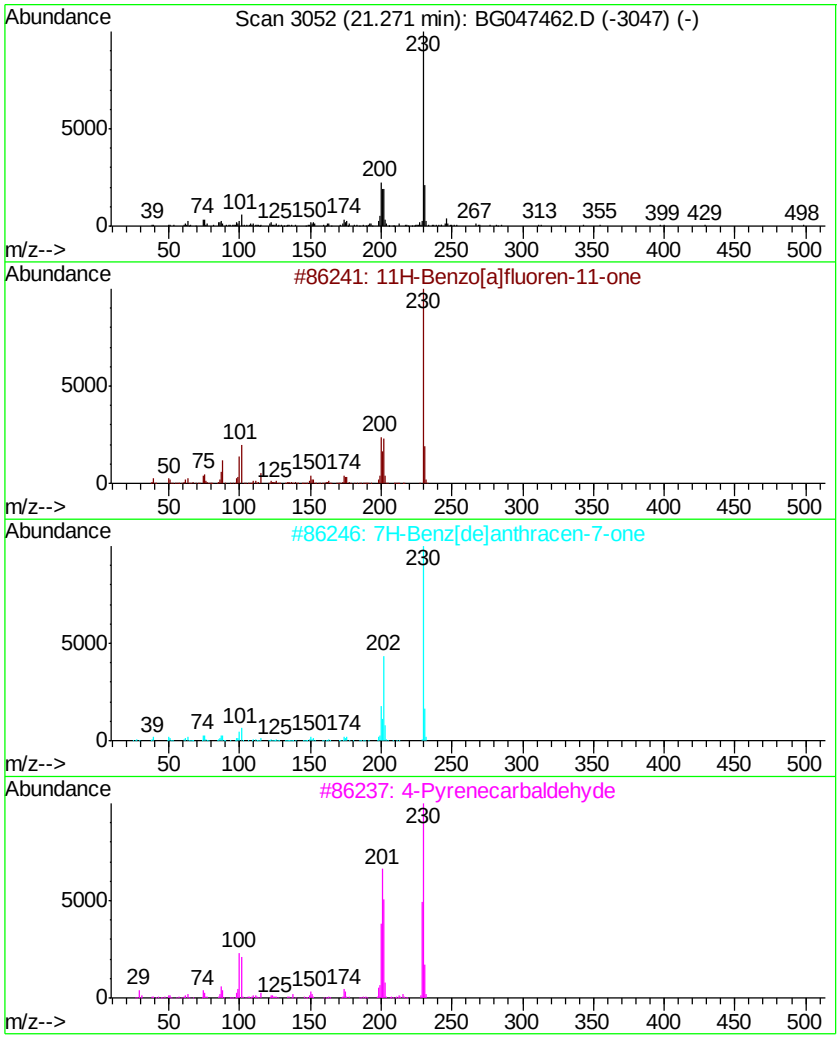
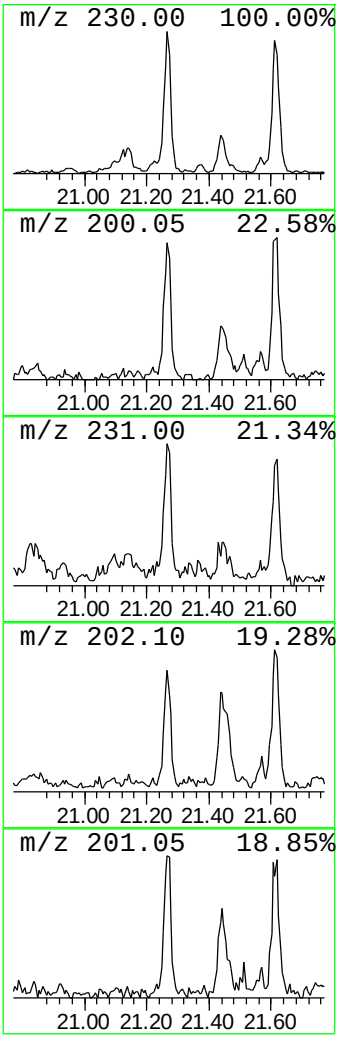
Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	2.17 ng/ul	235039	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	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59





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Acq On : 25 Nov 2020 1:34
Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B71DL

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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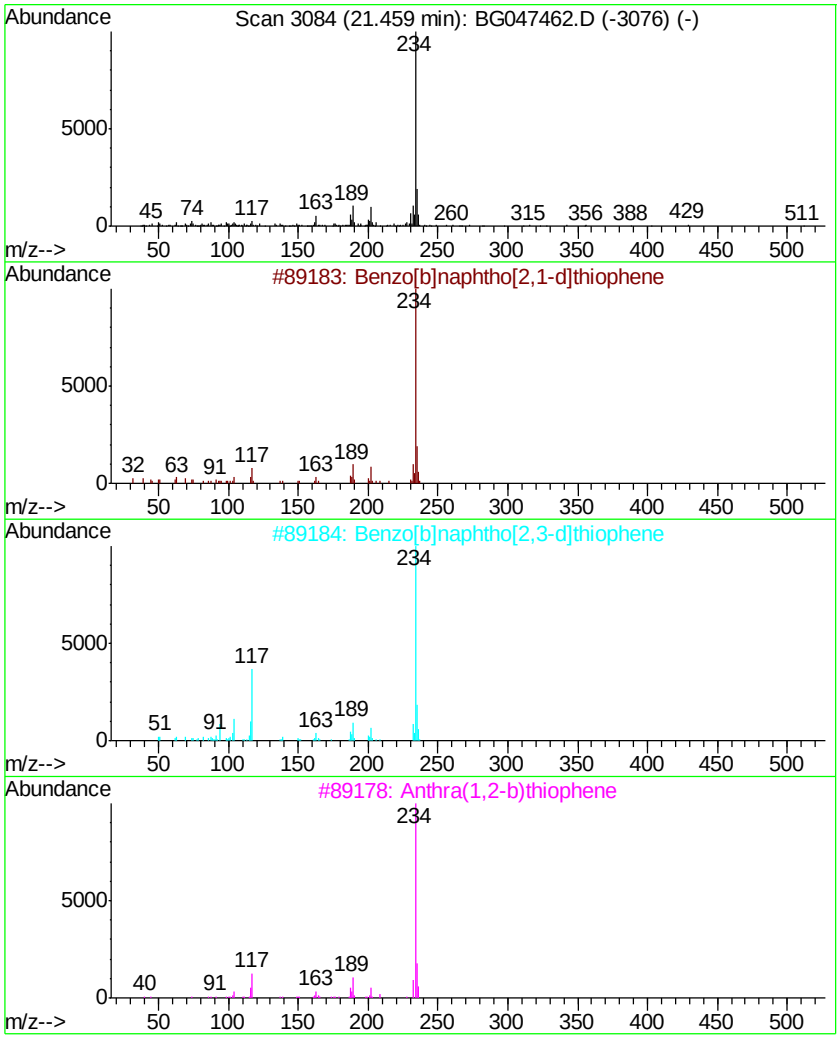
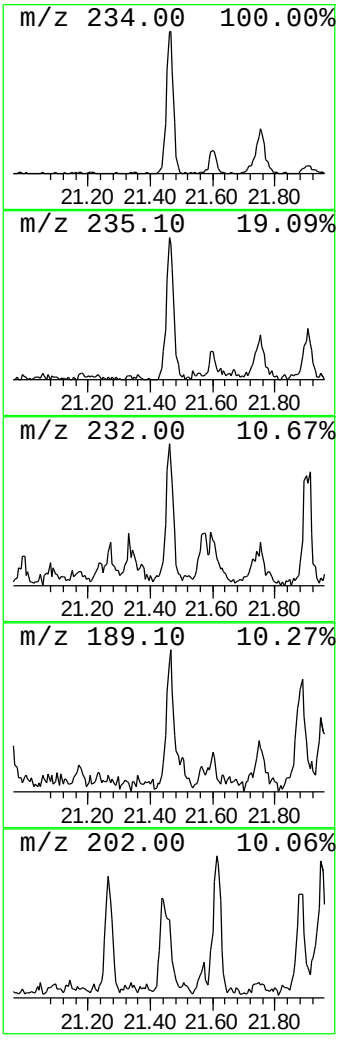
Peak Number 11 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	3.59 ng/ul	389241	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
3	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	93
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90





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Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B71DL

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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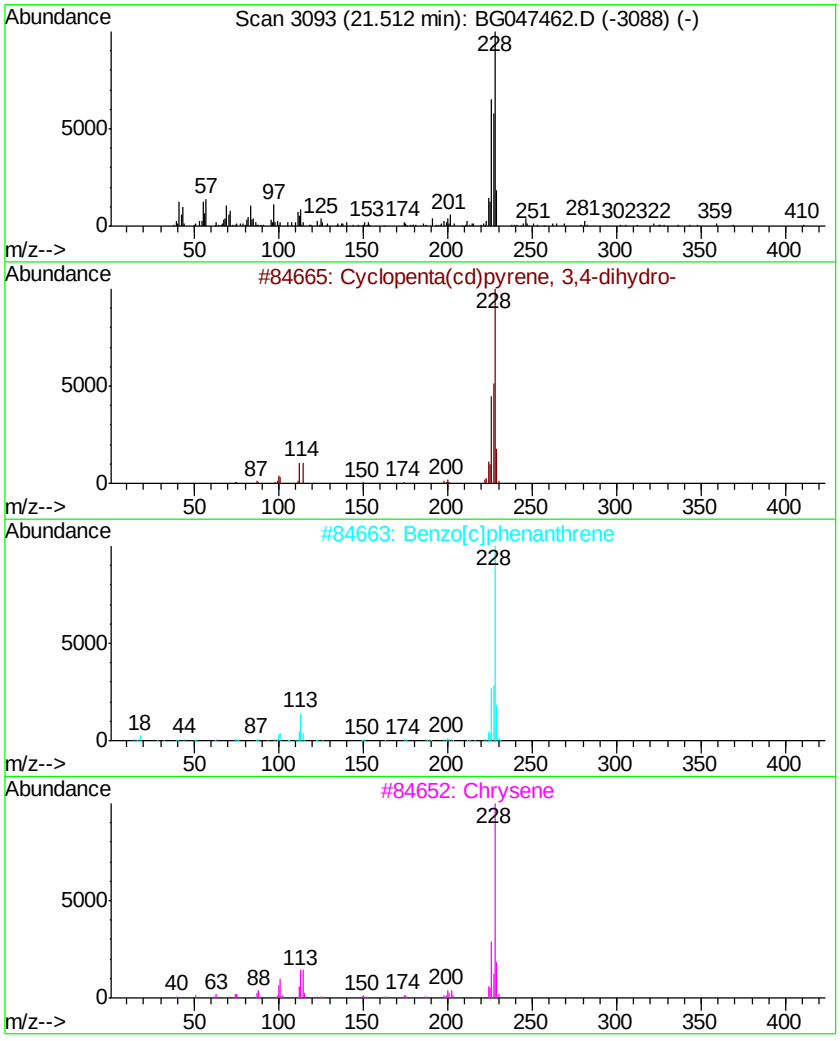
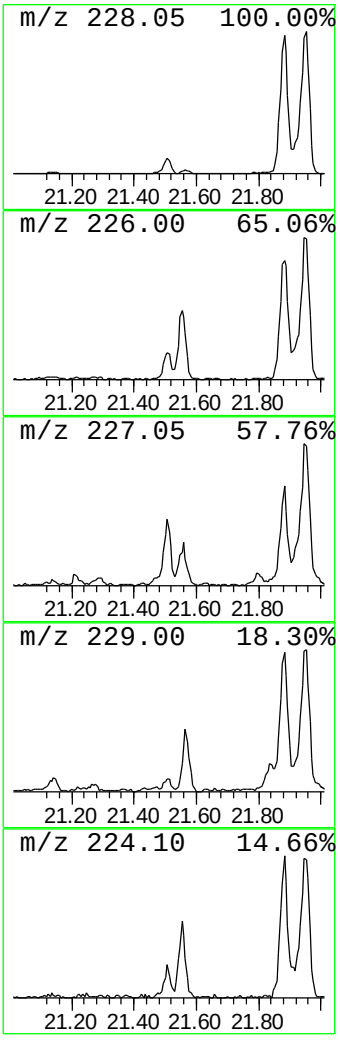
Peak Number 12 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.51	2.43 ng/ul	263377	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	58
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	50
3	Chrysene	228	C18H12	000218-01-9	43
4	Triphenylene	228	C18H12	000217-59-4	38
5	Benz[a]anthracene	228	C18H12	000056-55-3	38





Library Search Compound Report

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Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B71DL

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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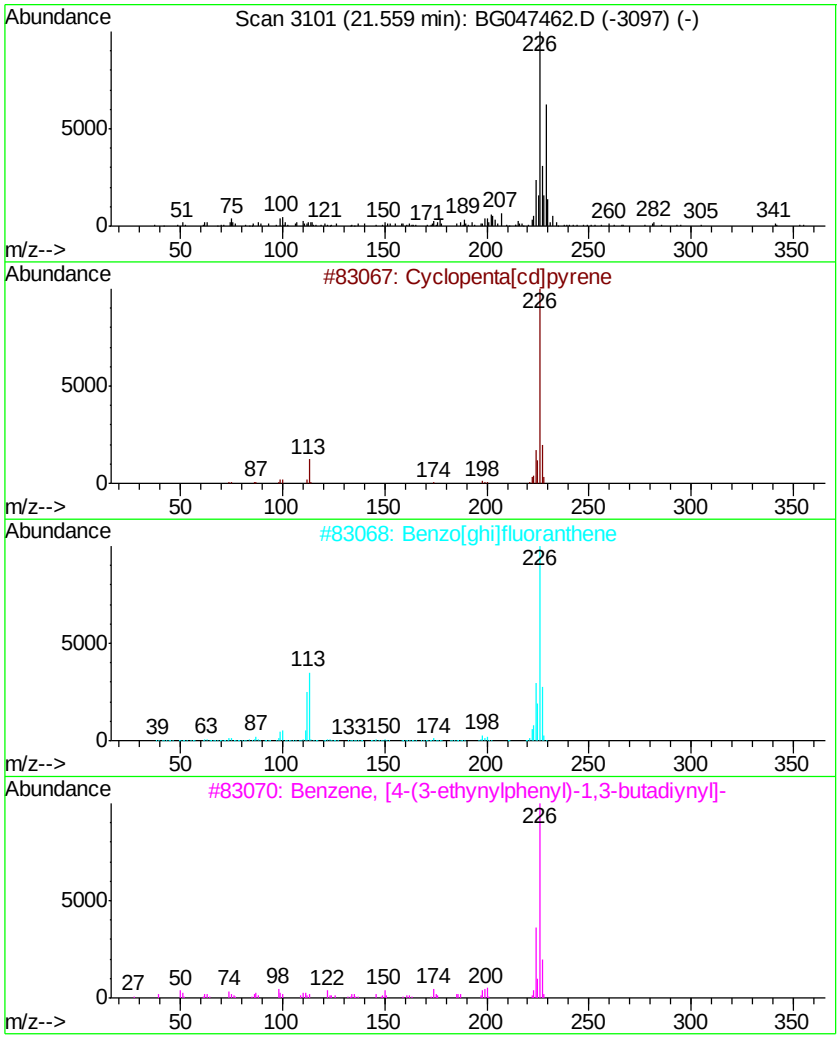
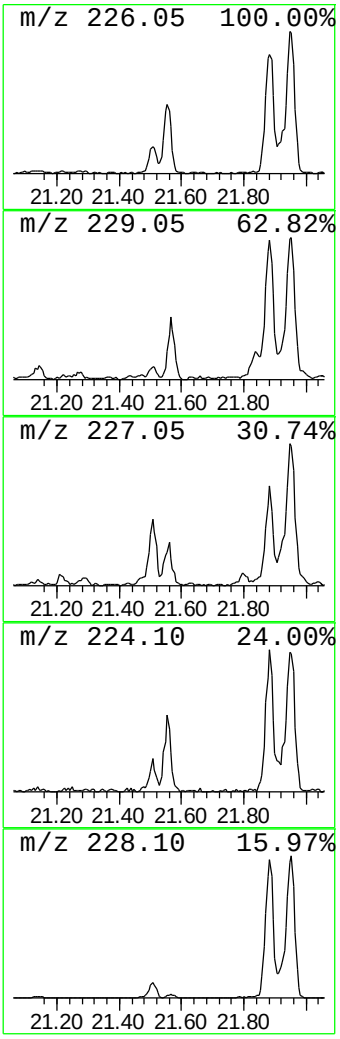
Peak Number 13 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	2.46 ng/ul	266835	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	46
3	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	43
4	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	25
5	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	23





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Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B71DL

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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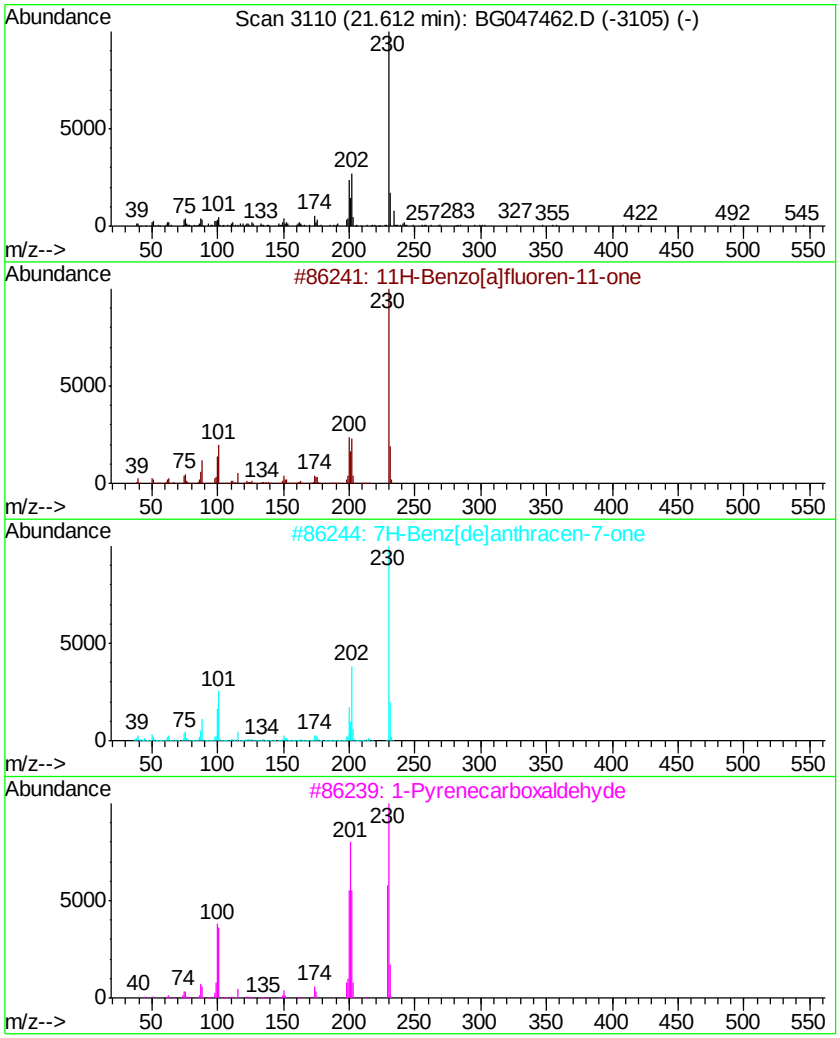
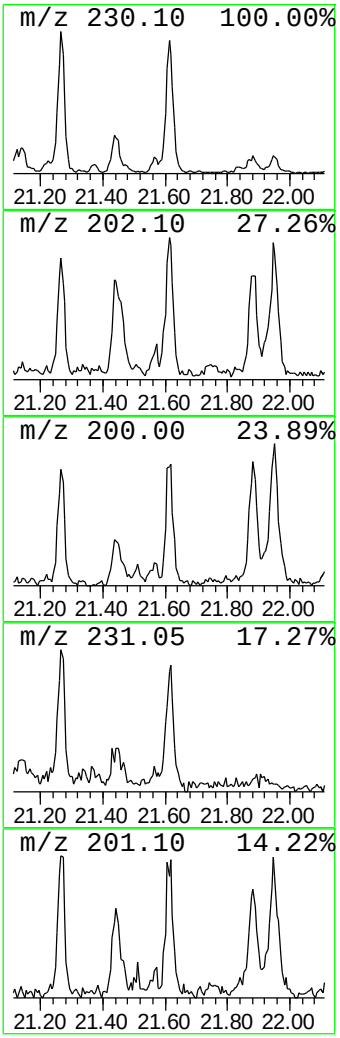
Peak Number 14 7H-Benz[de]anthracen-7-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.61	2.62 ng/ul	284213	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	87
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	80
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	72
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72





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Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B71DL

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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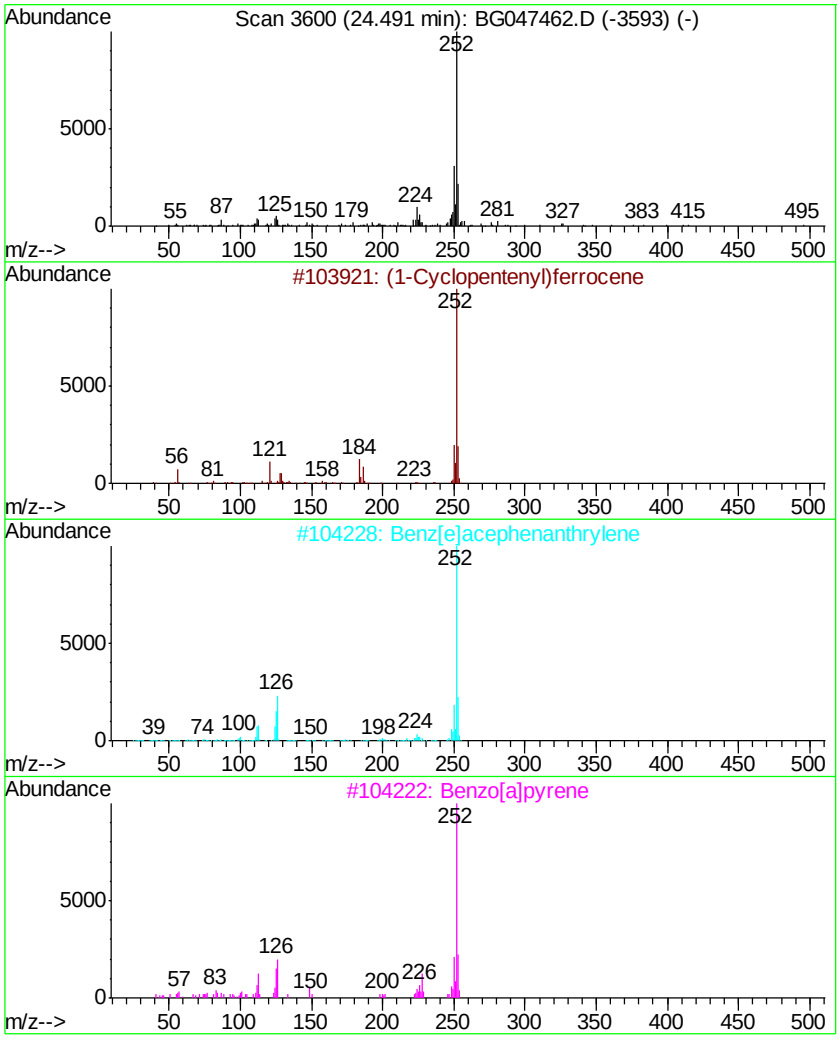
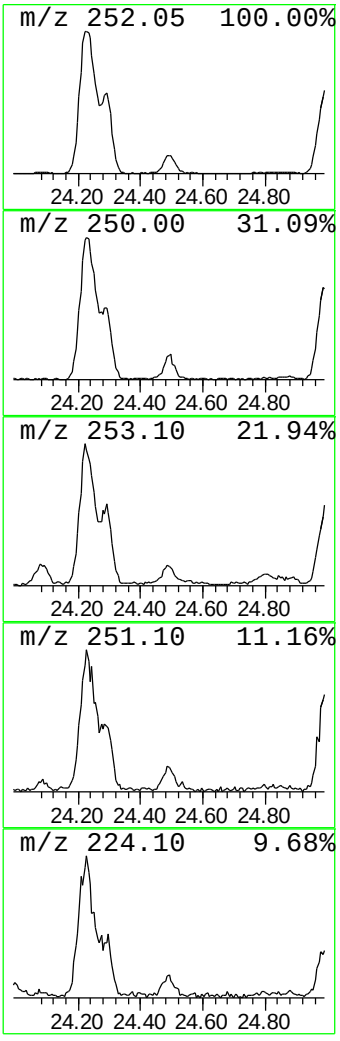
Peak Number 15 (1-Cyclopentenyl)ferrocene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.49	5.37 ng/ul	171264	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	80
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	76
3	Benzo[a]pyrene	252	C20H12	000050-32-8	76
4	Benzo[a]pyrene	252	C20H12	000050-32-8	74
5	Benzo[e]pyrene	252	C20H12	000192-97-2	72





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Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B71DL

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Quant Title : SVOA CALIBRATION

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

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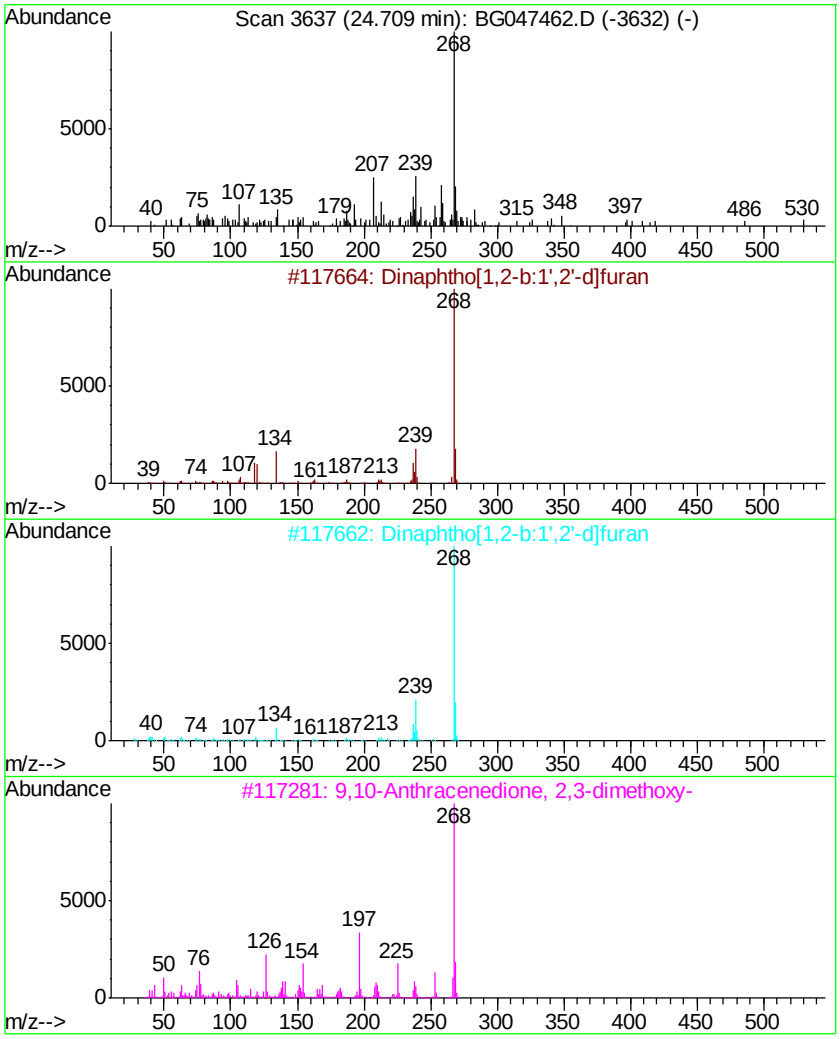
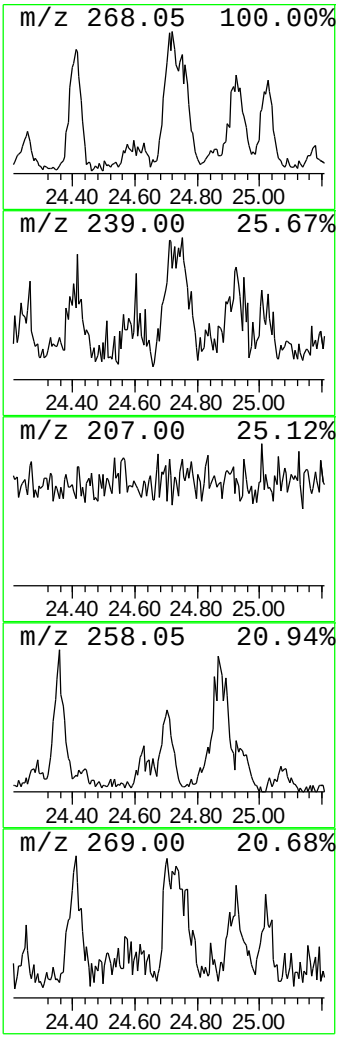
Peak Number 16 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.71	2.40 ng/ul	76438	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	70
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	53
3	9,10-Anthracenedione, 2,3-dimeth...	268	C16H12O4	022506-55-4	49
4	Triphenylcyclopropene	268	C21H16	016510-49-9	47
5	Benzene, 1,1'-(1-ethyl-1,2-ethen...	268	C18H20O2	025346-90-1	47





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Data File : BG047462.D
Acq On : 25 Nov 2020 1:34
Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B71DL

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

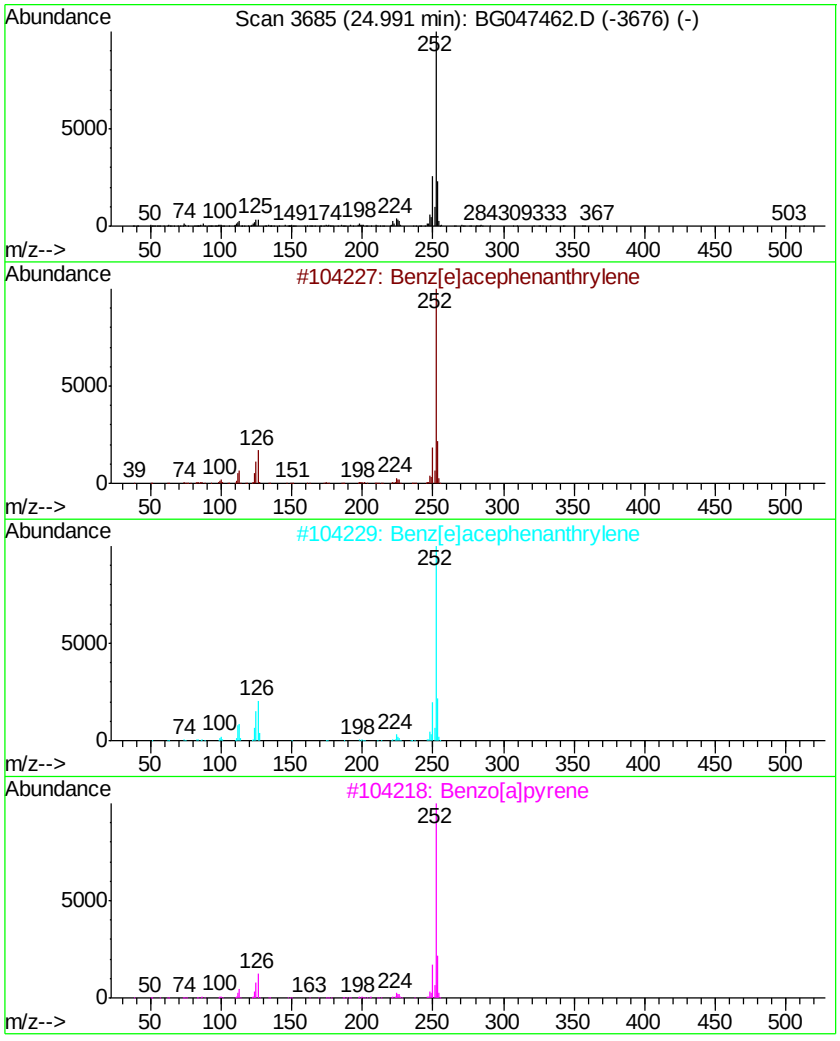
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

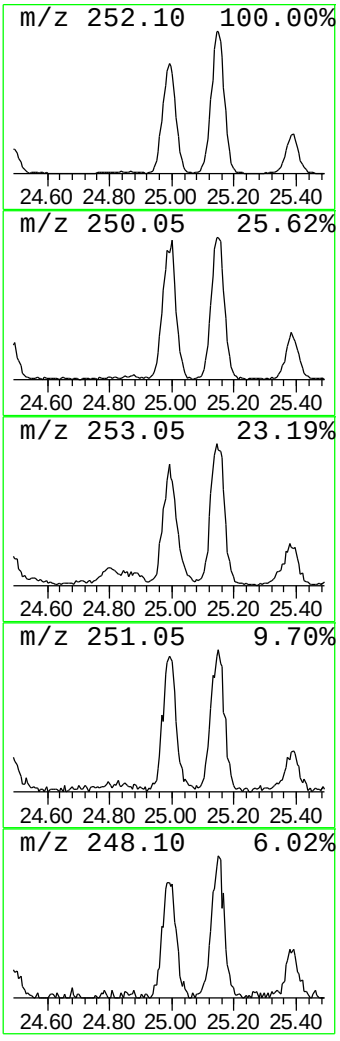
****

Peak Number 17 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.99	24.99 ng/ul	797289	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	87
3	Benzo[a]pyrene	252	C20H12	000050-32-8	87
4	Benzo[e]pyrene	252	C20H12	000192-97-2	87
5	Perylene	252	C20H12	000198-55-0	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112320\
Data File : BG047462.D
Acq On : 25 Nov 2020 1:34
Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B71DL

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
Naphtho[2,3-b]nor...	18.49	3.6	ng/ul	108863	4	17.62	603891	20.0
1H-Cyclopropa[l]p...	18.53	5.1	ng/ul	154285	4	17.62	603891	20.0
4H-Cyclopenta[def...	18.69	7.3	ng/ul	221176	4	17.62	603891	20.0
1,2,4,8-Tetrameth...	18.97	3.8	ng/ul	113634	4	17.62	603891	20.0
9,10-Anthracenedione	19.02	6.9	ng/ul	208567	4	17.62	603891	20.0
di-p-Tolylacetylene	19.39	2.9	ng/ul	88823	4	17.62	603891	20.0
Cyclopenta(def)ph...	19.53	3.9	ng/ul	116296	4	17.62	603891	20.0
11H-Benzo[b]fluorene	20.33	2.1	ng/ul	232735	5	21.90	2168050	20.0
Pyrene, 1-methyl-	20.50	2.8	ng/ul	298434	5	21.90	2168050	20.0
11H-Benzo[a]fluor...	21.27	2.2	ng/ul	235039	5	21.90	2168050	20.0
Benzo[b]naphtho[2...	21.46	3.6	ng/ul	389241	5	21.90	2168050	20.0
Cyclopenta(cd)pyr...	21.51	2.4	ng/ul	263377	5	21.90	2168050	20.0
unknown-01	21.56	2.5	ng/ul	266835	5	21.90	2168050	20.0
7H-Benz[de]anthra...	21.61	2.6	ng/ul	284213	5	21.90	2168050	20.0
(1-Cyclopentenyl)...	24.49	5.4	ng/ul	171264	6	25.31	638134	20.0
Dinaphtho[1,2-b:1...	24.71	2.4	ng/ul	76438	6	25.31	638134	20.0
Benzo[e]pyrene	24.99	25.0	ng/ul	797289	6	25.31	638134	20.0