LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041949.D
Acq On : 4 Aug 2019 19:31
Operator : HP/JU
Sample : K3962-10
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP03

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-BG080319MA.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	3.158	7	12	39	rVB	1399889	2431443	100.00%	8.791%
2	3.422	54	57	65	rVB4	10578	19246	0.79%	0.070%
3	3.951	143	147	152	rBV2	11023	16805	0.69%	0.061%
4	4.086	164	170	176	rVB	10758	19935	0.82%	0.072%
5	7.182	688	697	711	rBV	171068	341361	14.04%	1.234%
6	7.353	720	726	737	rBV	127820	224942	9.25%	0.813%
7	7.564	755	762	775	rVB	190219	343442	14.13%	1.242%
8	8.034	835	842	850	rBV	218307	382548	15.73%	1.383%
9	8.739	955	962	977	rBV	201512	381439	15.69%	1.379%
10	8.869	979	984	991	rVB5	3954	8563	0.35%	0.031%
11	9.204	1033	1041	1051	rBV	168914	321929	13.24%	1.164%
12	9.932	1157	1165	1177	rBV	148282	287122	11.81%	1.038%
13	10.473	1250	1257	1269	rBV	228733	454615	18.70%	1.644%
14	10.860	1313	1323	1331	rBV	306149	565853	23.27%	2.046%
15	10.990	1338	1345	1360	rBV	140929	288041	11.85%	1.041%
16	12.523	1601	1606	1614	rBV2	6233	10921	0.45%	0.039%
17	12.741	1637	1643	1650	rVB3	7226	12604	0.52%	0.046%
18	13.863	1829	1834	1842	rVB5	4818	11692	0.48%	0.042%
19	14.016	1853	1860	1865	rBV4	11448	20243	0.83%	0.073%
20	14.092	1865	1873	1877	rVV	445800	667178	27.44%	2.412%
21	14.139	1877	1881	1892	rVV	219366	337319	13.87%	1.220%
22	14.256	1896	1901	1905	rVV3	6642	11505	0.47%	0.042%
23	14.386	1916	1923	1938	rVB2	510376	862180	35.46%	3.117%
24	14.697	1966	1976	1982	rBV	496109	804705	33.10%	2.909%
25	14.756	1982	1986	1995	rVB2	22784	39422	1.62%	0.143%
26	14.879	2000	2007	2021	rBV	107813	233294	9.59%	0.843%
27	15.097	2039	2044	2050	rVB4	24011	38238	1.57%	0.138%
28	15.173	2052	2057	2060	rVB3	8207	13446	0.55%	0.049%
29	15.314	2074	2081	2085	rBV5	6640	11433	0.47%	0.041%
30	15.367	2086	2090	2094	rVB2	7385	9441	0.39%	0.034%
31	15.484	2101	2110	2118	rBV8	8502	24307	1.00%	0.088%
32	15.690	2136	2145	2151	rVV	700404	1082347	44.51%	3.913%
33	15.743	2151	2154	2159	rVV3	26799	40502	1.67%	0.146%
34	15.802	2159	2164	2172	rVV	120828	198202	8.15%	0.717%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
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Acq On : 4 Aug 2019 19:31
Operator : HP/JU
Sample : K3962-10
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP03

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-BG080319MA.M
Title : SVOA CALIBRATION

35	15.860	2172	2174	2178	rVV4	10169	15713	0.65%	0.057%
36	15.907	2178	2182	2184	rVV4	9633	15516	0.64%	0.056%
37	15.954	2187	2190	2194	rVB5	9997	14820	0.61%	0.054%
38	16.043	2200	2205	2213	rVB7	9757	24700	1.02%	0.089%
39	16.266	2238	2243	2246	rBV5	4926	9384	0.39%	0.034%
40	16.419	2262	2269	2275	rVV8	17442	38130	1.57%	0.138%
41	16.560	2288	2293	2296	rBV6	9042	14402	0.59%	0.052%
42	16.748	2323	2325	2330	rVV4	10994	17773	0.73%	0.064%
43	16.795	2330	2333	2339	rVV4	11276	19496	0.80%	0.070%
44	16.853	2340	2343	2346	rVV5	6615	8329	0.34%	0.030%
45	16.906	2349	2352	2356	rVB5	10588	14141	0.58%	0.051%
46	16.959	2356	2361	2362	rBV4	10283	12910	0.53%	0.047%
47	17.024	2367	2372	2375	rVB7	11367	14123	0.58%	0.051%
48	17.100	2380	2385	2392	rVB5	14030	24478	1.01%	0.088%
49	17.200	2392	2402	2406	rBV10	12444	33991	1.40%	0.123%
50	17.265	2409	2413	2421	rVB	21340	33416	1.37%	0.121%
51	17.335	2421	2425	2427	rBV4	9016	11631	0.48%	0.042%
52	17.447	2435	2444	2448	rBV	638617	986557	40.57%	3.567%
53	17.488	2448	2451	2456	rVV	298191	438914	18.05%	1.587%
54	17.547	2456	2461	2471	rVV2	722381	1205729	49.59%	4.359%
55	17.635	2472	2476	2482	rVV3	18717	41898	1.72%	0.151%
56	17.688	2482	2485	2487	rVV3	8442	12171	0.50%	0.044%
57	17.717	2487	2490	2491	rVV3	9971	10959	0.45%	0.040%
58	17.752	2494	2496	2501	rVB5	13154	18158	0.75%	0.066%
59	17.852	2509	2513	2516	rBV3	8513	13378	0.55%	0.048%
60	18.028	2539	2543	2550	rBV3	42307	63009	2.59%	0.228%
61	18.175	2563	2568	2572	rBV	19236	34589	1.42%	0.125%
62	18.334	2589	2595	2598	rBV2	155829	274538	11.29%	0.993%
63	18.375	2598	2602	2607	rVV	158958	236205	9.71%	0.854%
64	18.457	2611	2616	2621	rBV	47083	79398	3.27%	0.287%
65	18.516	2621	2626	2630	rVV2	167401	309107	12.71%	1.118%
66	18.557	2630	2633	2640	rVB	97627	166378	6.84%	0.602%
67	18.640	2643	2647	2650	rVV6	16369	20944	0.86%	0.076%
68	18.669	2650	2652	2657	rVB6	14162	18187	0.75%	0.066%
69	18.728	2657	2662	2666	rBV3	23699	45108	1.86%	0.163%
70	18.822	2673	2678	2681	rBV2	66264	98725	4.06%	0.357%
71	18.857	2681	2684	2694	rVB4	53805	91147	3.75%	0.330%

LSC Area Percent Report

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Data File : BG041949.D
Acq On : 4 Aug 2019 19:31
Operator : HP/JU
Sample : K3962-10
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP03

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-BG080319MA.M
Title : SVOA CALIBRATION

72	19.068	2712	2720	2725	rBV3	61422	124932	5.14%	0.452%
73	19.121	2725	2729	2732	rVV	43647	68205	2.81%	0.247%
74	19.157	2732	2735	2739	rVB2	36494	49934	2.05%	0.181%
75	19.239	2744	2749	2753	rBV	130470	215231	8.85%	0.778%
76	19.374	2768	2772	2780	rBV2	72707	150330	6.18%	0.543%
77	19.503	2789	2794	2800	rVB	552792	799489	32.88%	2.890%
78	19.562	2800	2804	2807	rBV4	46547	68344	2.81%	0.247%
79	19.597	2808	2810	2815	rVB4	35072	46408	1.91%	0.168%
80	19.744	2832	2835	2838	rBV2	25820	32550	1.34%	0.118%
81	19.838	2845	2851	2853	rBV	958633	1534842	63.12%	5.549%
82	19.862	2853	2855	2864	rVV	717404	1014958	41.74%	3.669%
83	19.938	2864	2868	2874	rVB2	59468	103695	4.26%	0.375%
84	20.191	2905	2911	2917	rBV2	97390	246600	10.14%	0.892%
85	20.320	2930	2933	2934	rBV3	53553	57187	2.35%	0.207%
86	20.355	2936	2939	2945	rVB	150893	214437	8.82%	0.775%
87	20.455	2952	2956	2960	rBV	95606	125600	5.17%	0.454%
88	20.514	2962	2966	2970	rVB	134150	179669	7.39%	0.650%
89	20.655	2986	2990	2993	rBV	107695	145595	5.99%	0.526%
90	20.696	2994	2997	3002	rVB	103661	141520	5.82%	0.512%
91	21.354	3105	3109	3110	rBV	63557	77878	3.20%	0.282%
92	21.595	3145	3150	3151	rBV2	174855	246591	10.14%	0.892%
93	21.624	3151	3155	3162	rVV	1041695	1521027	62.56%	5.499%
94	21.730	3165	3173	3178	rVV2	758149	1891238	77.78%	6.838%
95	21.777	3178	3181	3190	rVB	385990	659771	27.13%	2.385%
96	23.969	3548	3554	3562	rBV	183771	611744	25.16%	2.212%
97	24.104	3573	3577	3584	rVB2	90556	162093	6.67%	0.586%
98	24.703	3674	3679	3685	rBV2	120989	286164	11.77%	1.035%
99	24.791	3686	3694	3700	rBV	363657	958723	39.43%	3.466%
100	25.014	3724	3732	3740	rBV2	347187	920556	37.86%	3.328%

Sum of corrected areas: 27659626

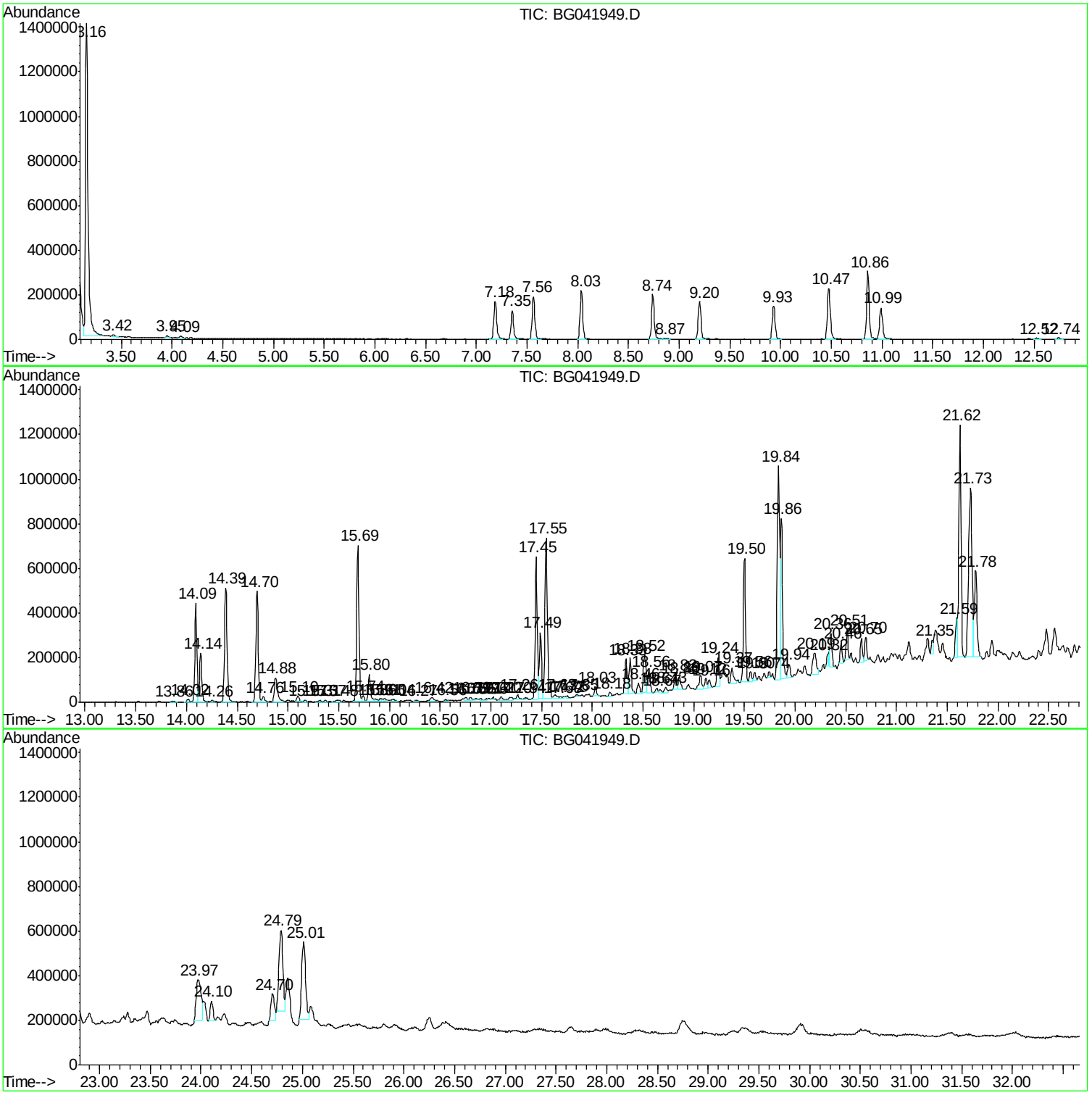
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041949.D
Acq On : 4 Aug 2019 19:31
Operator : HP/JU
Sample : K3962-10
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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\BG080319\
Data File : BG041949.D
Acq On : 4 Aug 2019 19:31
Operator : HP/JU
Sample : K3962-10
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

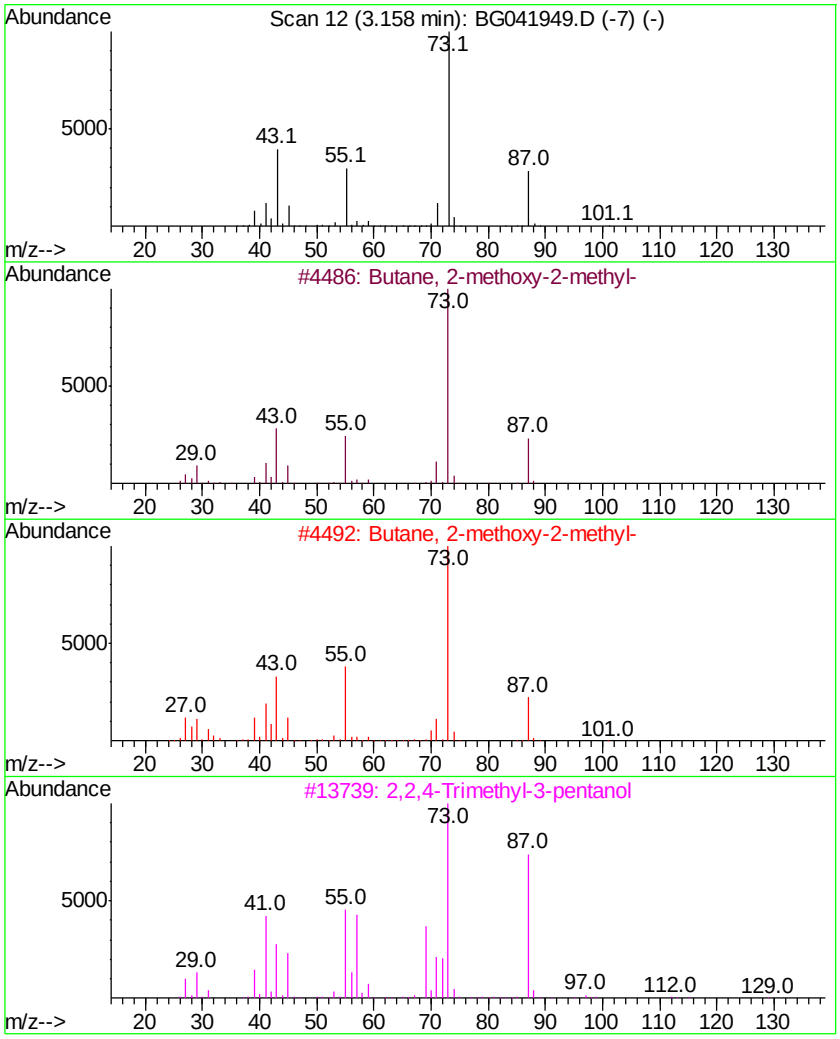
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

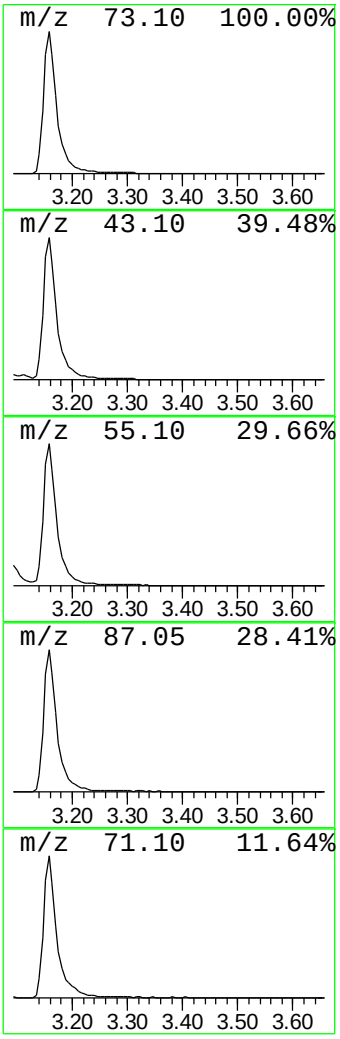
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	127.12 ng/ul	2431440	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041949.D
Acq On : 4 Aug 2019 19:31
Operator : HP/JU
Sample : K3962-10
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

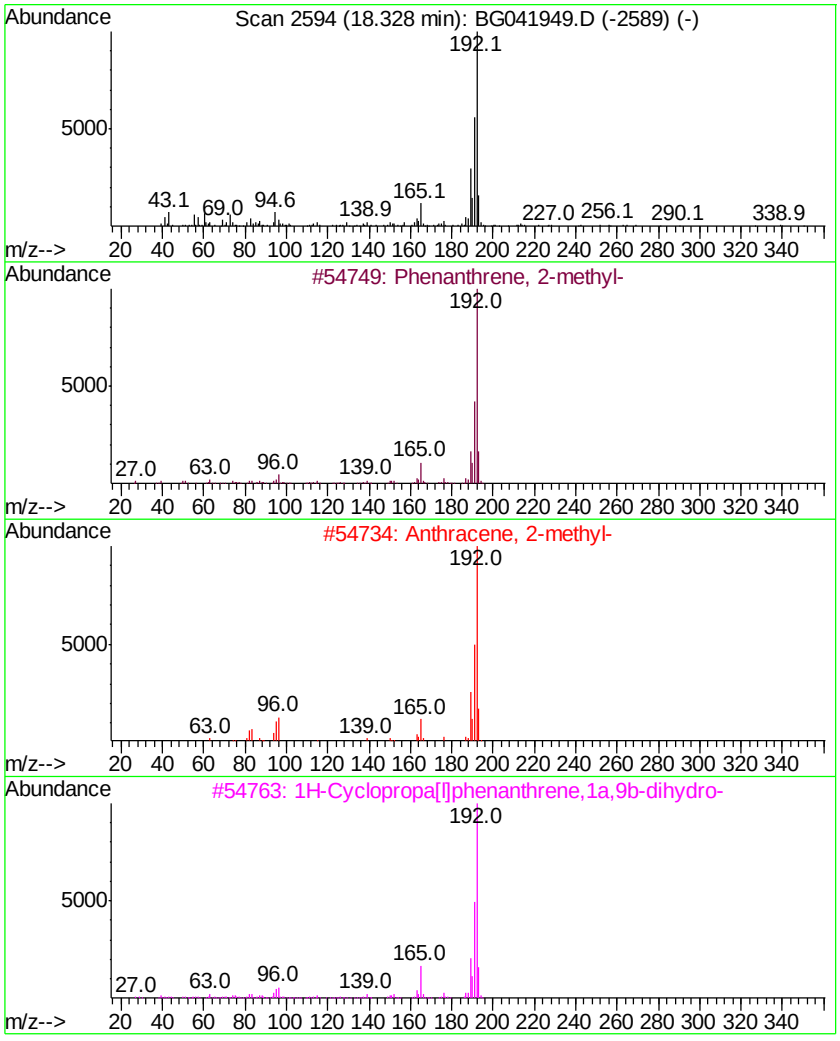
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

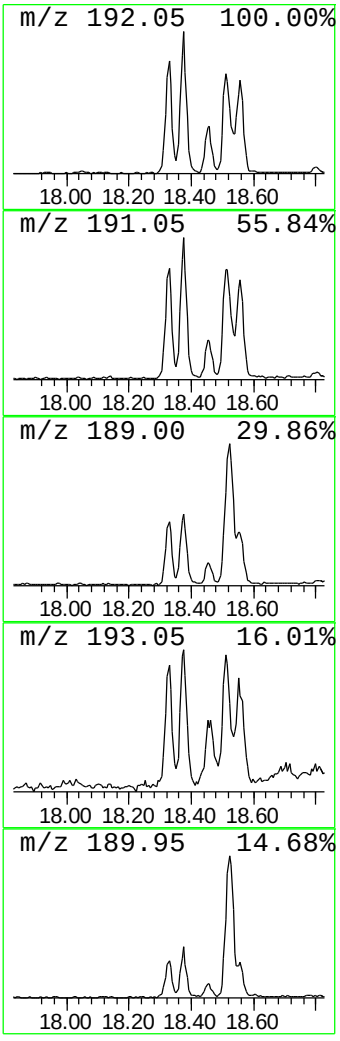
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	5.57 ng/ul	274538	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041949.D
Acq On : 4 Aug 2019 19:31
Operator : HP/JU
Sample : K3962-10
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

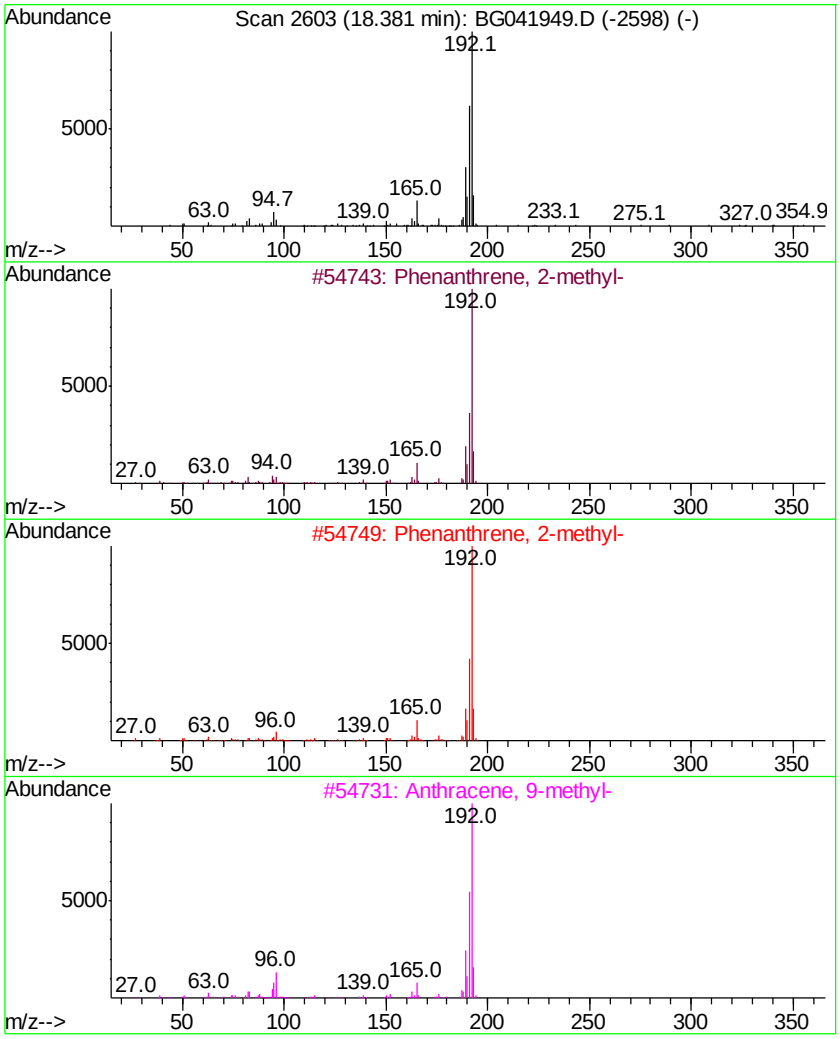
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

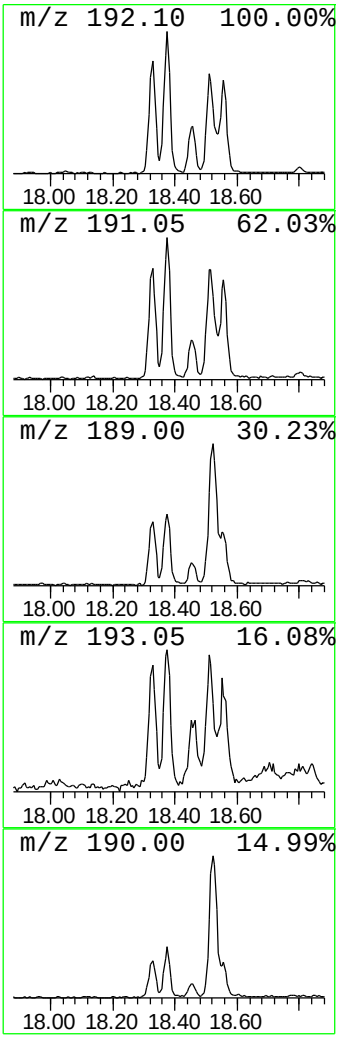
****

Peak Number 3 Anthracene, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	4.79 ng/ul	236205	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041949.D
Acq On : 4 Aug 2019 19:31
Operator : HP/JU
Sample : K3962-10
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

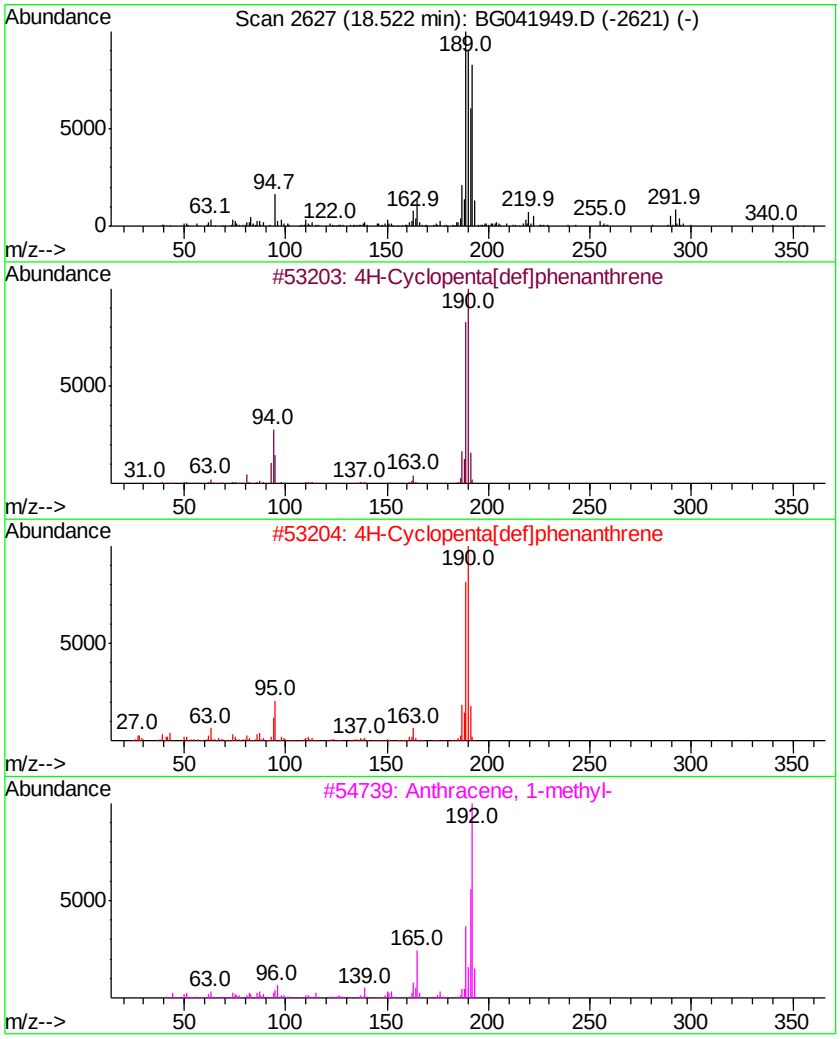
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

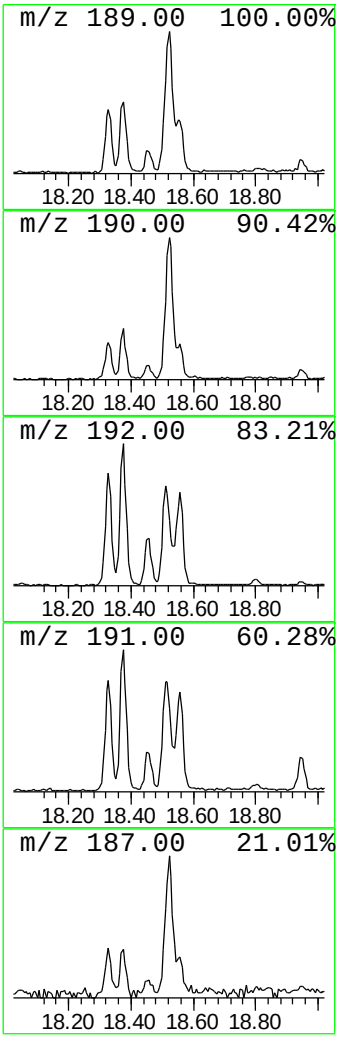
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	6.27 ng/ul	309107	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041949.D
Acq On : 4 Aug 2019 19:31
Operator : HP/JU
Sample : K3962-10
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

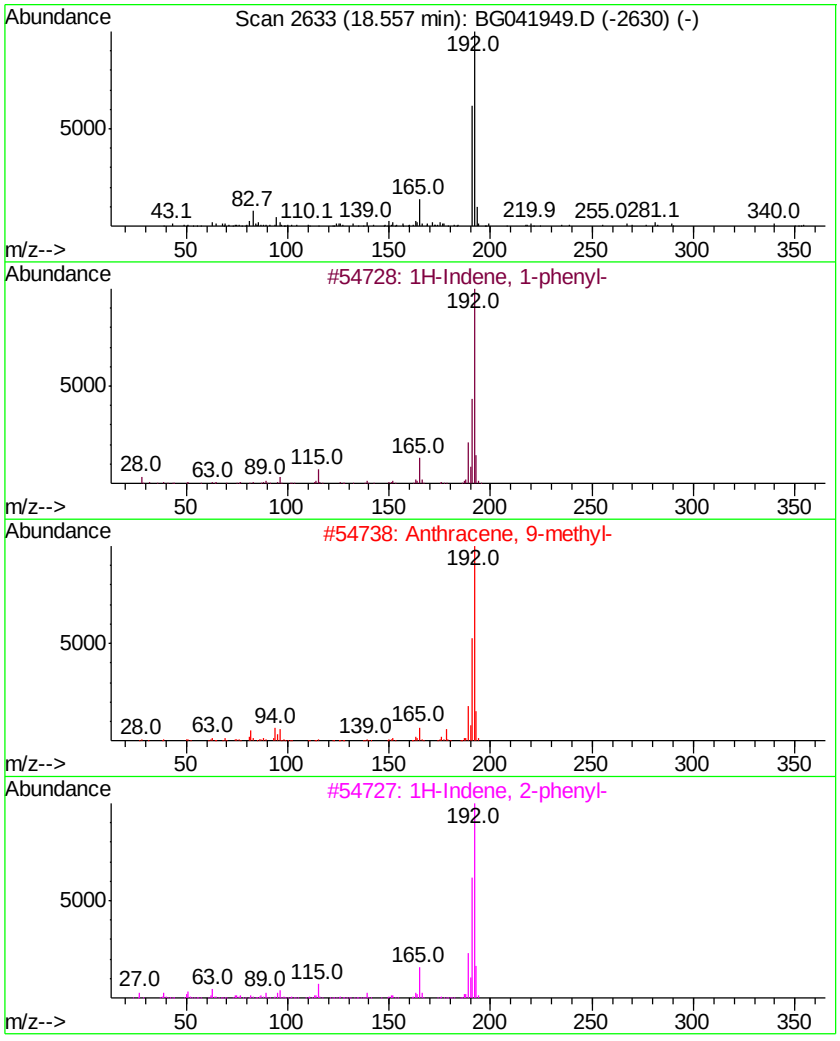
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

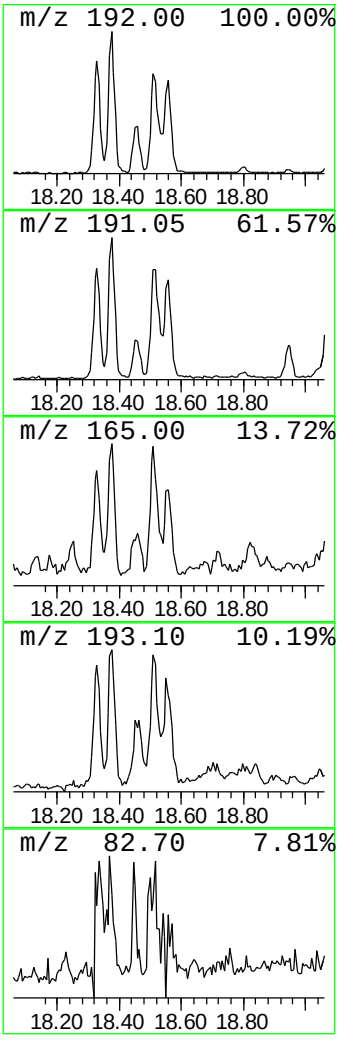
****

Peak Number 5 1H-Indene, 1-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	3.37 ng/ul	166378	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	80
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80
4	3,4-Methylenedioxycinnamic acid	192	C10H8O4	002373-80-0	80
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72





Library Search Compound Report

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Data File : BG041949.D
Acq On : 4 Aug 2019 19:31
Operator : HP/JU
Sample : K3962-10
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

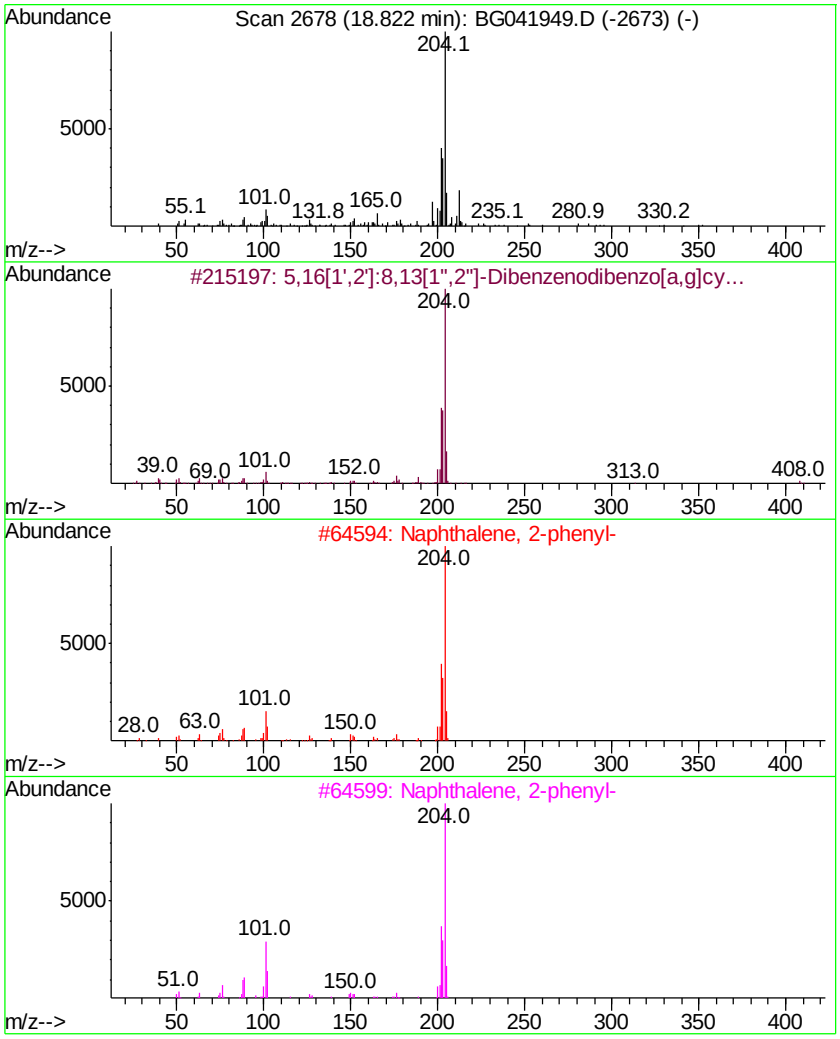
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

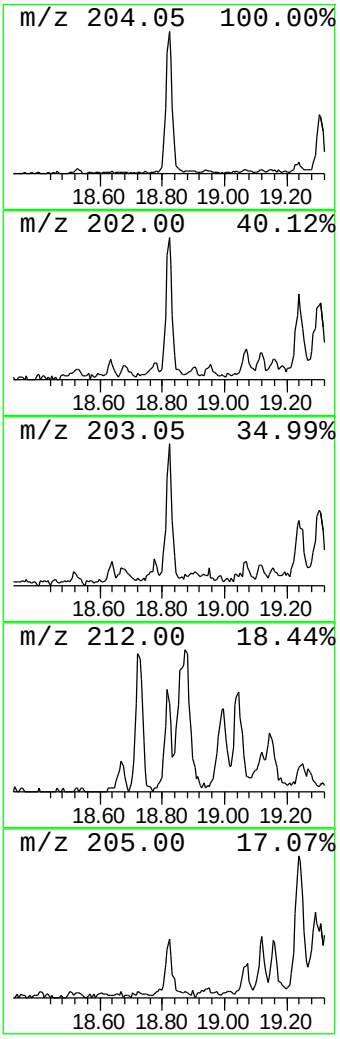
****

Peak Number 6 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	2.00 ng/ul	98725	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	74
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	49





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Acq On : 4 Aug 2019 19:31
Operator : HP/JU
Sample : K3962-10
Misc :
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Instrument : BNA_G
ClientSampleId : BEP03

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Quant Title : SVOA CALIBRATION

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

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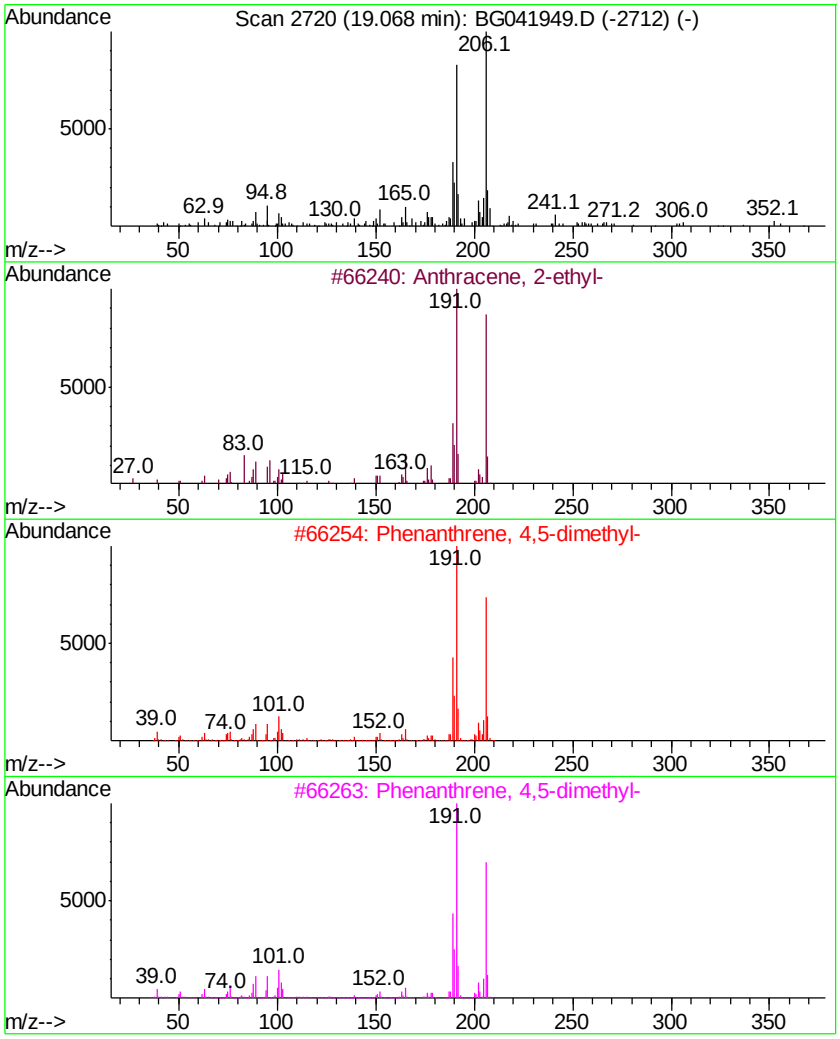
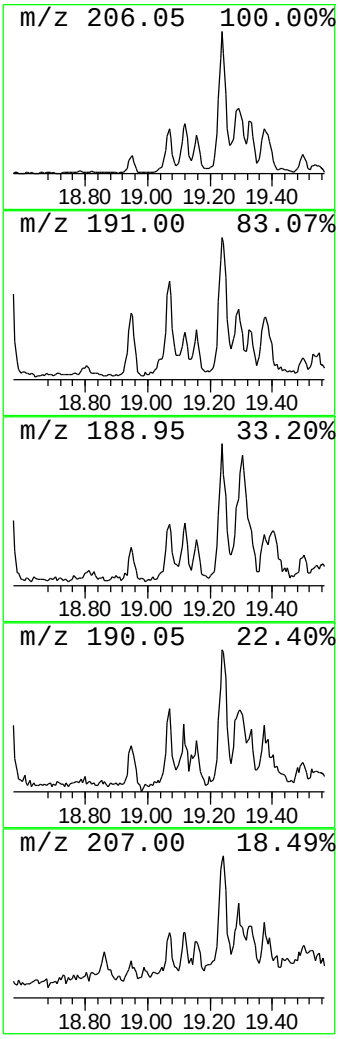
Peak Number 7 Anthracene, 2-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	2.53 ng/ul	124932	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	87
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87





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Operator : HP/JU
Sample : K3962-10
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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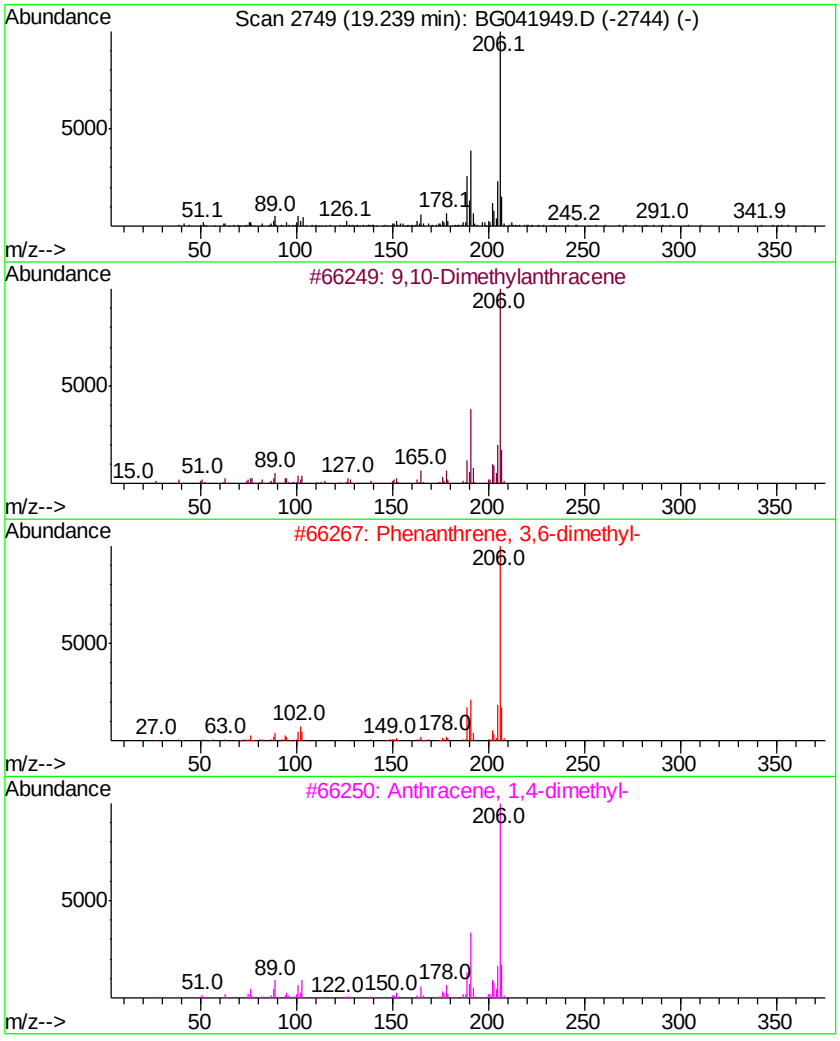
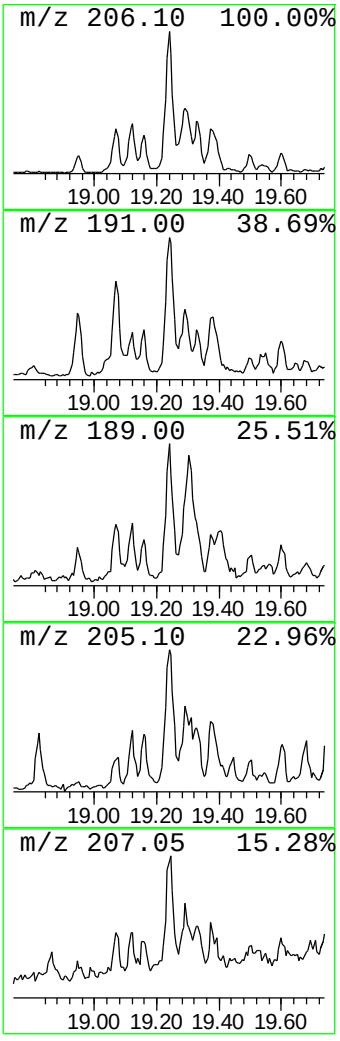
Peak Number 8 9,10-Dimethylanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	4.36 ng/ul	215231	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





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Data File : BG041949.D
Acq On : 4 Aug 2019 19:31
Operator : HP/JU
Sample : K3962-10
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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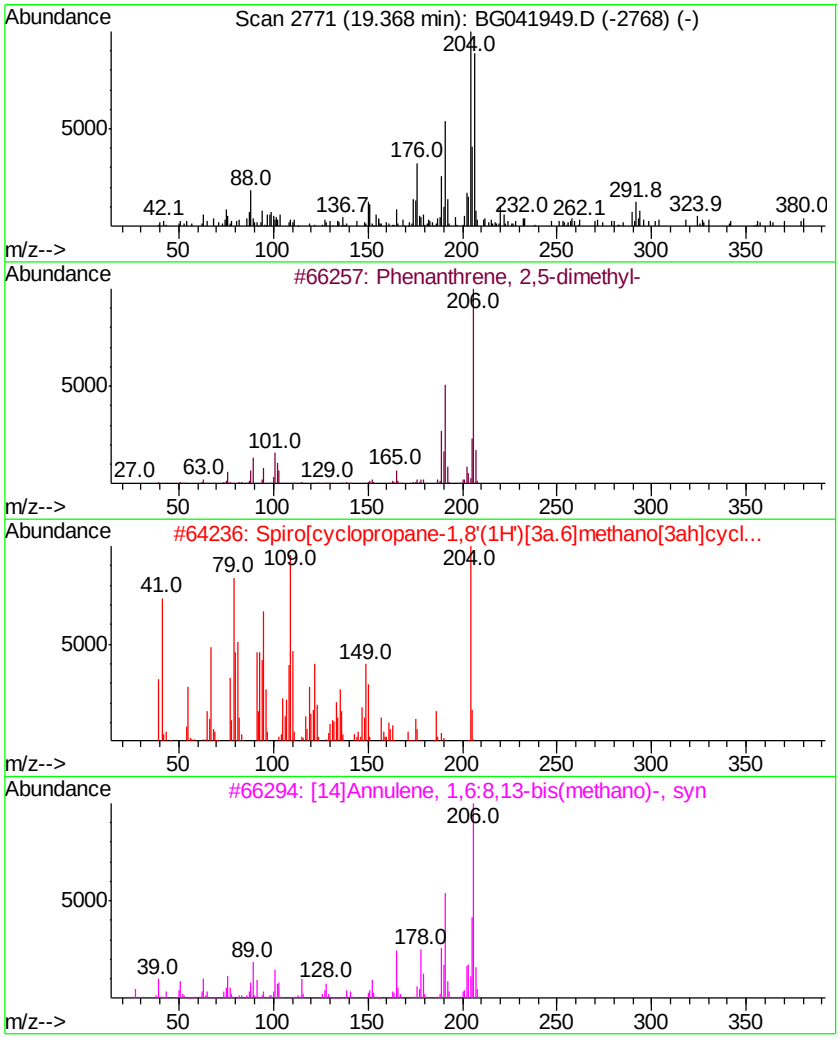
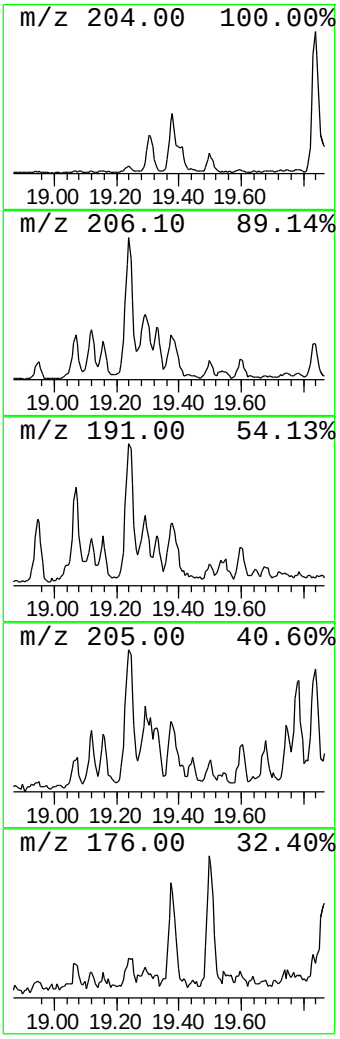
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	3.05 ng/ul	150330	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	60
2	Spiro[cyclopropane-1,8'(1H')[3a....	204	C14H20O	452049-62-6	56
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	53
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	49
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	46





Library Search Compound Report

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Data File : BG041949.D
Acq On : 4 Aug 2019 19:31
Operator : HP/JU
Sample : K3962-10
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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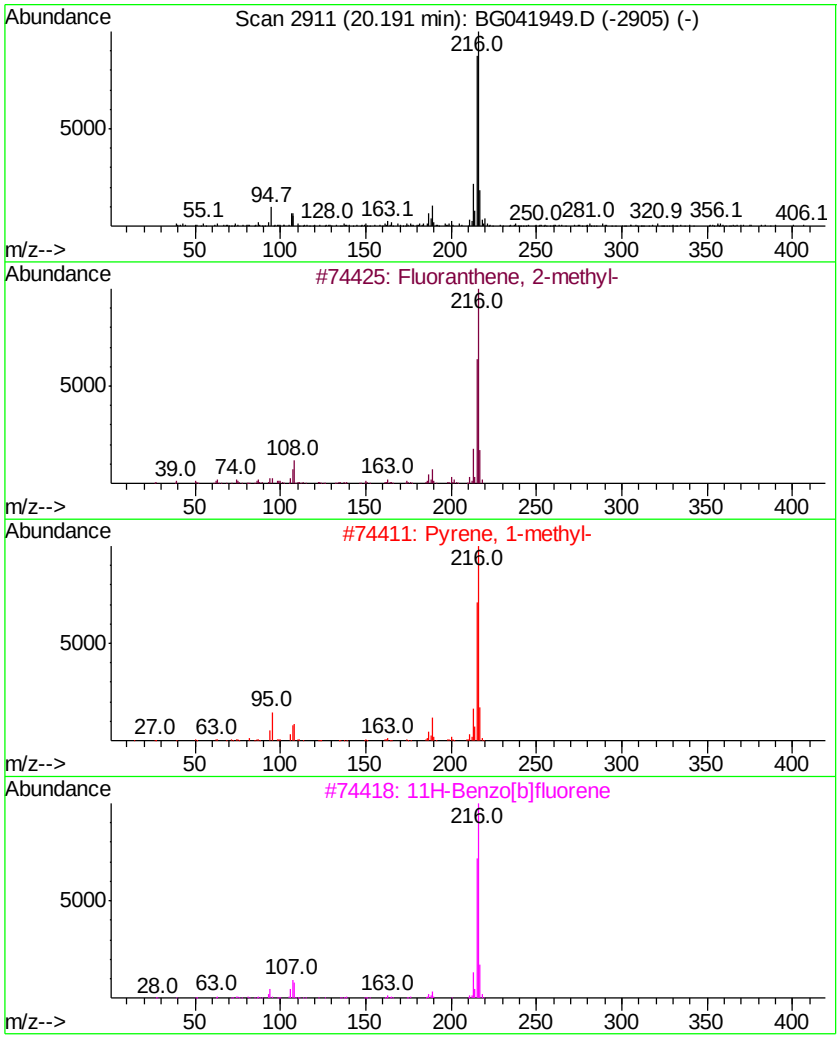
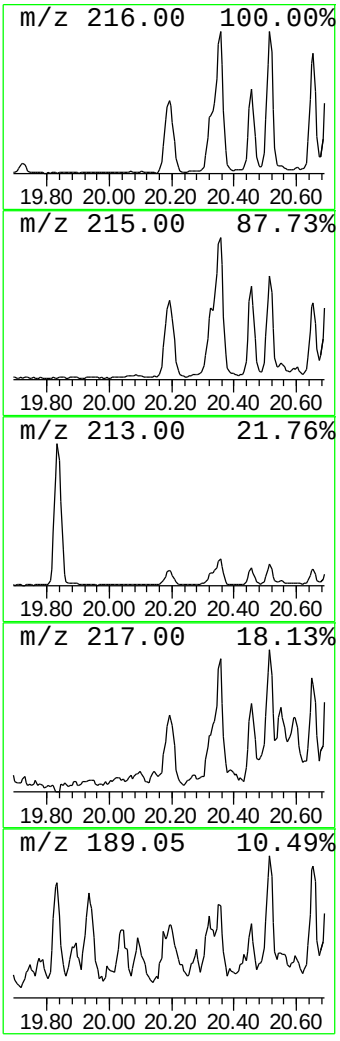
Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	2.61 ng/ul	246600	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





Library Search Compound Report

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Data File : BG041949.D
Acq On : 4 Aug 2019 19:31
Operator : HP/JU
Sample : K3962-10
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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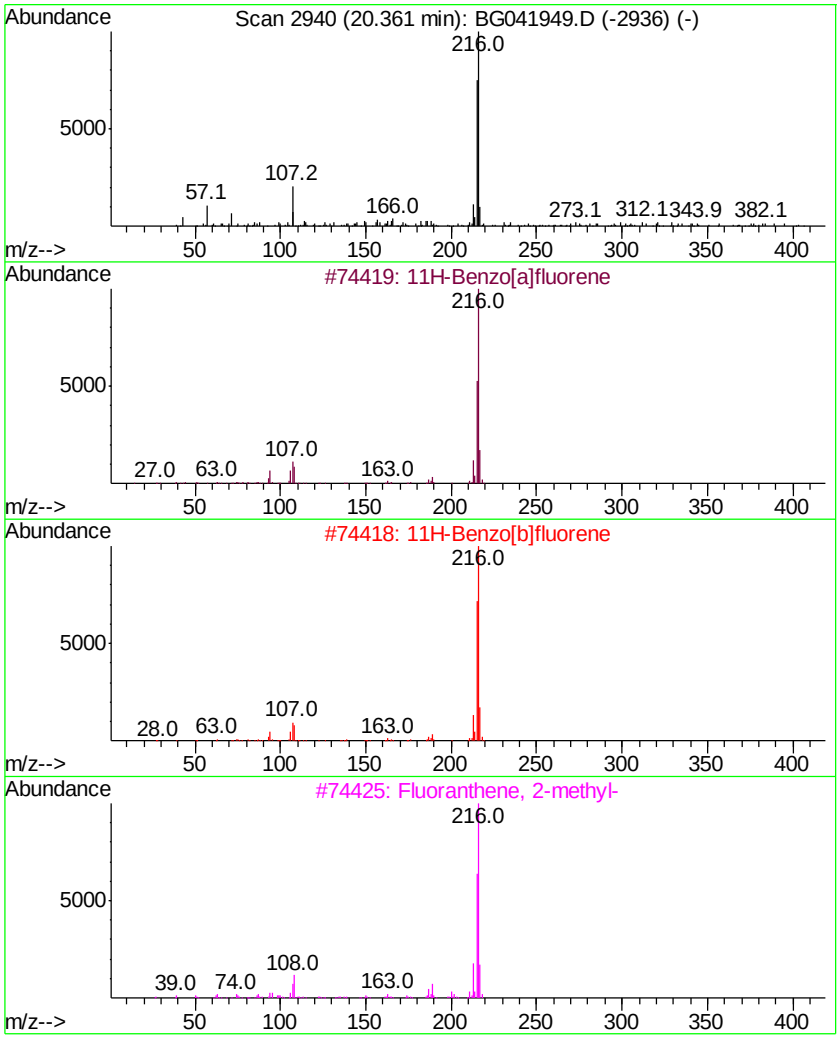
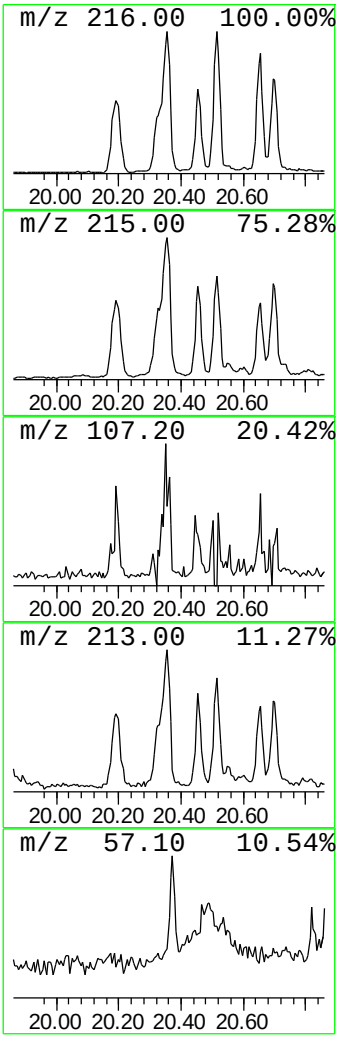
Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	2.27 ng/ul	214437	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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Data File : BG041949.D
Acq On : 4 Aug 2019 19:31
Operator : HP/JU
Sample : K3962-10
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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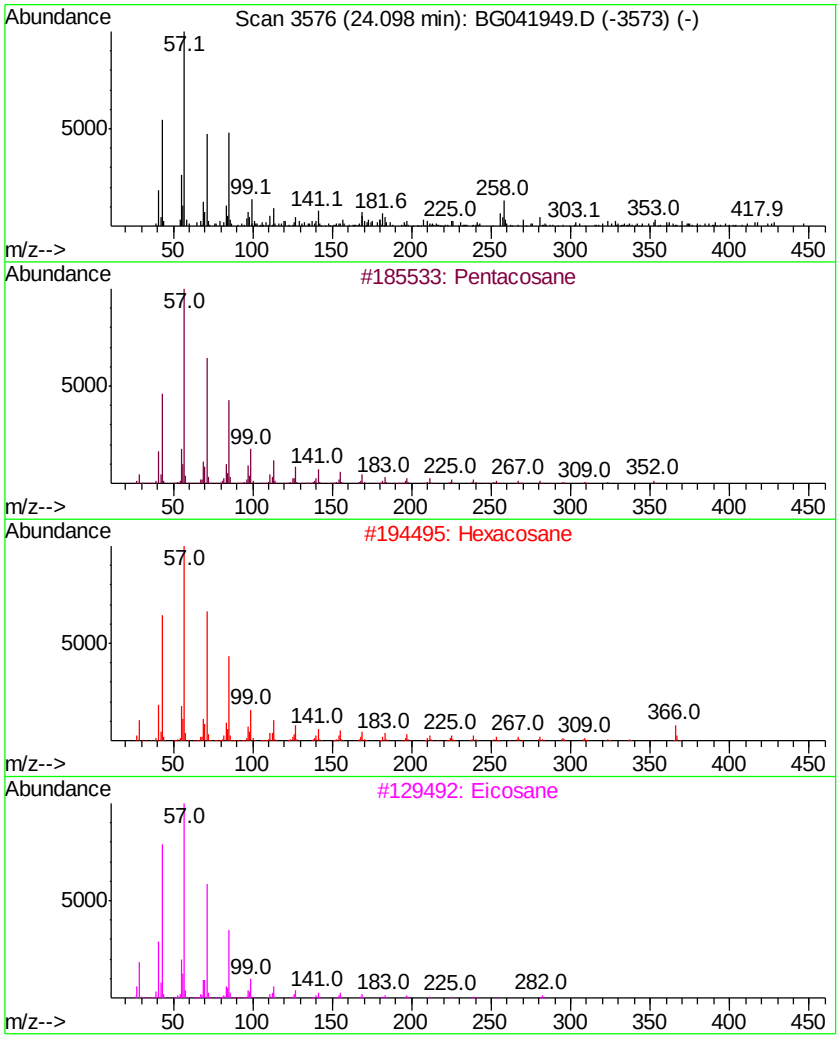
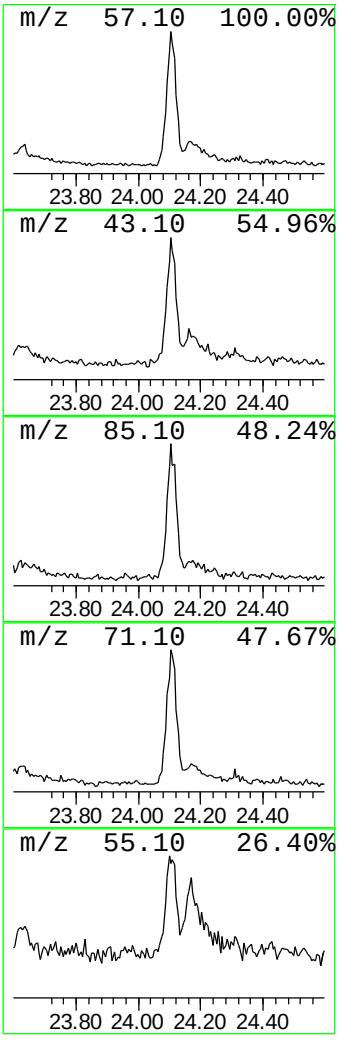
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	3.52 ng/ul	162093	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	95
2	Hexacosane	366	C26H54	000630-01-3	89
3	Eicosane	282	C20H42	000112-95-8	87
4	Heptadecane	240	C17H36	000629-78-7	76
5	Heptadecane	240	C17H36	000629-78-7	76





Library Search Compound Report

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Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP03

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Quant Title : SVOA CALIBRATION

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

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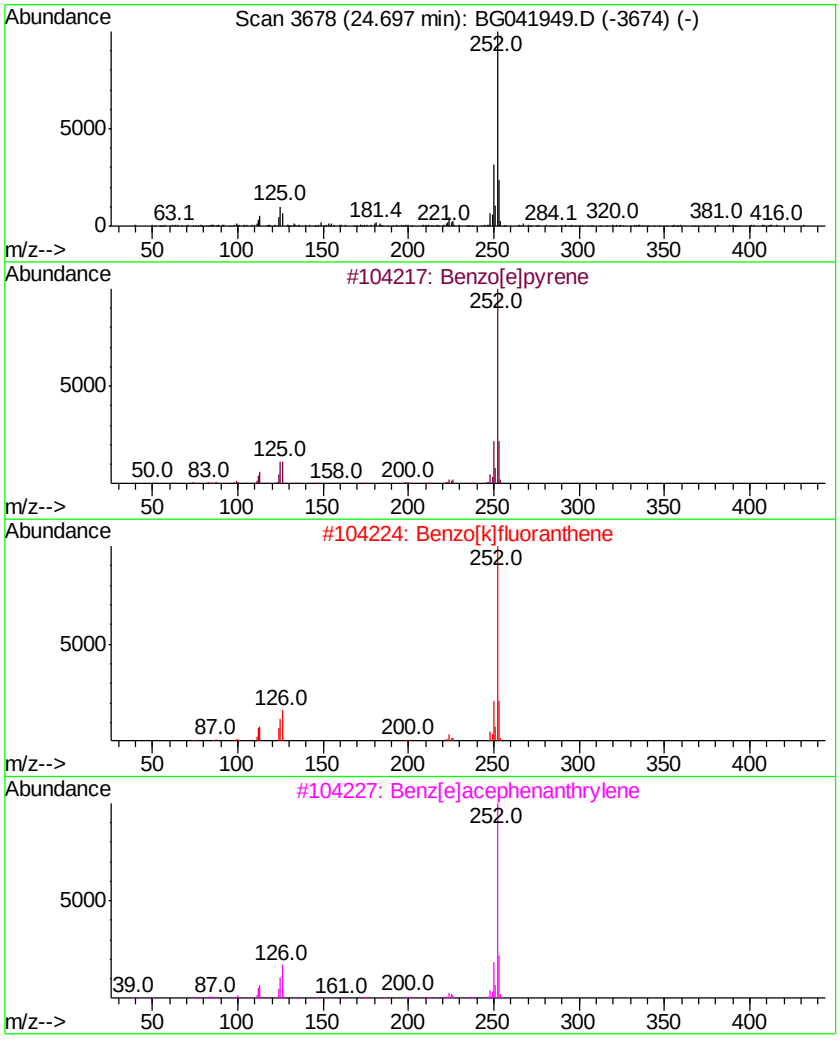
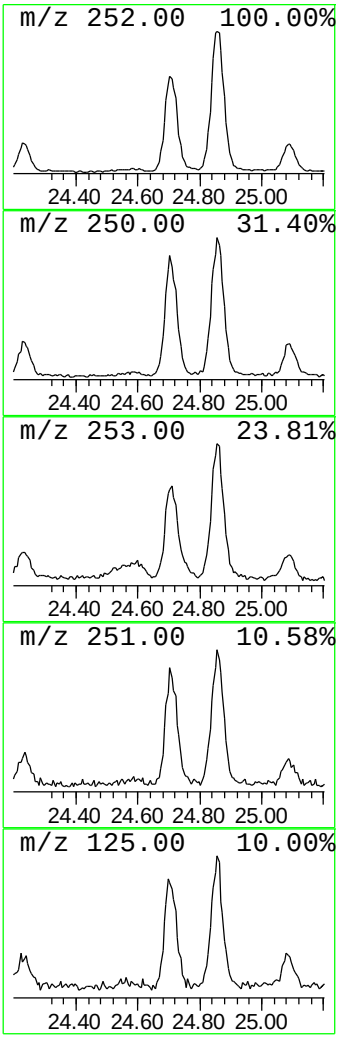
Peak Number 13 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.70	6.22 ng/ul	286164	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	92





Tentatively Identified Compound (LSC) summary

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Data File : BG041949.D
Acq On : 4 Aug 2019 19:31
Operator : HP/JU
Sample : K3962-10
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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	127.1	ng/ul	2431440	1	8.03	382548	20.0
Phenanthrene, 2-m...	18.33	5.6	ng/ul	274538	4	17.45	986557	20.0
Anthracene, 9-met...	18.38	4.8	ng/ul	236205	4	17.45	986557	20.0
4H-Cyclopenta[def...	18.52	6.3	ng/ul	309107	4	17.45	986557	20.0
1H-Indene, 1-phenyl-	18.56	3.4	ng/ul	166378	4	17.45	986557	20.0
5,16[1',2']:8,13[...	18.82	2.0	ng/ul	98725	4	17.45	986557	20.0
Anthracene, 2-ethyl-	19.07	2.5	ng/ul	124932	4	17.45	986557	20.0
9,10-Dimethylanth...	19.24	4.4	ng/ul	215231	4	17.45	986557	20.0
Phenanthrene, 2,5...	19.37	3.0	ng/ul	150330	4	17.45	986557	20.0
Fluoranthene, 2-m...	20.19	2.6	ng/ul	246600	5	21.74	1891240	20.0
11H-Benzo[a]fluorene	20.36	2.3	ng/ul	214437	5	21.74	1891240	20.0
(DEL) Alkane: Str...	24.10	3.5	ng/ul	162093	6	25.01	920556	20.0
Benzo[e]pyrene	24.70	6.2	ng/ul	286164	6	25.01	920556	20.0