LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041937.D
Acq On : 4 Aug 2019 11:12
Operator : HP/JU
Sample : K3850-06DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP5DL

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	3.155	7	11	29	rVB	365102	593132	22.24%	2.098%
2	3.949	142	146	154	rVB3	10557	17587	0.66%	0.062%
3	7.180	691	696	706	rBV	34629	72570	2.72%	0.257%
4	7.351	719	725	737	rBV	28388	54825	2.06%	0.194%
5	7.562	752	761	768	rBV2	42171	78426	2.94%	0.277%
6	8.032	834	841	853	rBV	286265	513865	19.26%	1.817%
7	8.743	956	962	970	rBV2	38601	80093	3.00%	0.283%
8	9.201	1033	1040	1048	rBV	40515	75539	2.83%	0.267%
9	9.930	1157	1164	1172	rBV3	34381	65459	2.45%	0.232%
10	10.265	1213	1221	1232	rBV	238368	421249	15.79%	1.490%
11	10.476	1251	1257	1267	rBV2	44993	100583	3.77%	0.356%
12	10.858	1315	1322	1329	rBV	419215	769547	28.85%	2.722%
13	10.999	1339	1346	1357	rBV5	8638	24502	0.92%	0.087%
14	12.527	1600	1606	1613	rVB	11267	20401	0.76%	0.072%
15	13.866	1828	1834	1841	rBV6	7405	17551	0.66%	0.062%
16	14.019	1854	1860	1865	rBV3	14148	26206	0.98%	0.093%
17	14.090	1865	1872	1877	rVV	117834	188797	7.08%	0.668%
18	14.137	1877	1880	1887	rVV	44745	68130	2.55%	0.241%
19	14.384	1916	1922	1934	rBV	139504	247105	9.26%	0.874%
20	14.695	1967	1975	1982	rVV	734022	1160796	43.52%	4.105%
21	14.754	1982	1985	1991	rVV	35735	57685	2.16%	0.204%
22	14.895	2002	2009	2020	rBV5	17916	56190	2.11%	0.199%
23	15.006	2020	2028	2032	rVB4	8479	17566	0.66%	0.062%
24	15.094	2038	2043	2048	rVB2	20127	34900	1.31%	0.123%
25	15.506	2102	2113	2118	rBV	70827	121666	4.56%	0.430%
26	15.559	2118	2122	2127	rVB4	10946	18336	0.69%	0.065%
27	15.688	2133	2144	2149	rBV	194950	304794	11.43%	1.078%
28	15.741	2149	2153	2159	rVV3	39483	60322	2.26%	0.213%
29	15.799	2159	2163	2167	rVV3	15516	28587	1.07%	0.101%
30	15.864	2171	2174	2178	rVV2	15327	24690	0.93%	0.087%
31	15.905	2178	2181	2186	rVV5	14826	22480	0.84%	0.080%
32	16.035	2200	2203	2211	rVB3	13588	31038	1.16%	0.110%
33	16.187	2226	2229	2234	rVB3	10992	18924	0.71%	0.067%
34	16.411	2260	2267	2275	rVB7	17444	38571	1.45%	0.136%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
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Acq On : 4 Aug 2019 11:12
Operator : HP/JU
Sample : K3850-06DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP5DL

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	16.751	2315	2325	2329	rBV5	23292	52341	1.96%	0.185%
36	16.798	2329	2333	2340	rVB5	16200	28507	1.07%	0.101%
37	16.898	2347	2350	2354	rVB4	15863	22744	0.85%	0.080%
38	16.963	2356	2361	2363	rBV5	11058	20295	0.76%	0.072%
39	17.092	2379	2383	2390	rVB6	17148	33388	1.25%	0.118%
40	17.186	2393	2399	2400	rBV5	12847	22126	0.83%	0.078%
41	17.262	2408	2412	2421	rVB	35130	51598	1.93%	0.182%
42	17.445	2437	2443	2447	rBV2	898938	1401261	52.53%	4.956%
43	17.486	2447	2450	2455	rVV	441422	629851	23.61%	2.228%
44	17.544	2455	2460	2463	rVV2	203918	328889	12.33%	1.163%
45	17.580	2463	2466	2471	rVB	93003	133414	5.00%	0.472%
46	17.633	2471	2475	2481	rBV4	19164	35504	1.33%	0.126%
47	17.756	2494	2496	2501	rVB3	15144	17604	0.66%	0.062%
48	17.850	2507	2512	2516	rBV3	22337	45409	1.70%	0.161%
49	18.026	2537	2542	2550	rBV	57530	99421	3.73%	0.352%
50	18.167	2562	2566	2572	rBV2	26897	47814	1.79%	0.169%
51	18.326	2587	2593	2597	rBV	168540	283070	10.61%	1.001%
52	18.373	2597	2601	2605	rVB	181973	262286	9.83%	0.928%
53	18.455	2610	2615	2620	rBV2	64537	101741	3.81%	0.360%
54	18.514	2620	2625	2629	rVV3	221117	414544	15.54%	1.466%
55	18.555	2629	2632	2639	rVB	129795	197897	7.42%	0.700%
56	18.720	2657	2660	2664	rVB2	33233	39316	1.47%	0.139%
57	18.819	2670	2677	2680	rBV	96333	146989	5.51%	0.520%
58	18.855	2680	2683	2694	rVB3	75517	155014	5.81%	0.548%
59	18.943	2695	2698	2702	rBV2	30810	39249	1.47%	0.139%
60	19.037	2711	2714	2715	rBV3	26848	28780	1.08%	0.102%
61	19.066	2716	2719	2724	rVV2	73081	107288	4.02%	0.379%
62	19.119	2724	2728	2731	rVV	56141	82974	3.11%	0.293%
63	19.154	2731	2734	2738	rVB2	52829	66602	2.50%	0.236%
64	19.237	2743	2748	2752	rBV	168605	274011	10.27%	0.969%
65	19.290	2754	2757	2762	rVB3	45506	85354	3.20%	0.302%
66	19.372	2767	2771	2779	rBV3	106131	197563	7.41%	0.699%
67	19.501	2787	2793	2799	rBV	797831	1138673	42.69%	4.027%
68	19.560	2799	2803	2806	rVV3	53206	75417	2.83%	0.267%
69	19.601	2806	2810	2814	rVB3	47606	67592	2.53%	0.239%
70	19.689	2822	2825	2829	rVB4	31179	47275	1.77%	0.167%
71	19.742	2830	2834	2837	rBV	54714	71363	2.68%	0.252%

LSC Area Percent Report

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Data File : BG041937.D
Acq On : 4 Aug 2019 11:12
Operator : HP/JU
Sample : K3850-06DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP5DL

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	19.830	2844	2849	2851	rBV3	405727	612320	22.95%	2.166%
73	19.859	2851	2854	2862	rVV	1020618	1498412	56.17%	5.300%
74	19.936	2862	2867	2873	rVB2	84534	149157	5.59%	0.528%
75	20.094	2890	2894	2899	rVB4	55912	104190	3.91%	0.368%
76	20.188	2904	2910	2919	rVV5	127253	332422	12.46%	1.176%
77	20.324	2928	2933	2934	rBV4	94224	143889	5.39%	0.509%
78	20.347	2934	2937	2943	rVB	185788	283119	10.61%	1.001%
79	20.453	2951	2955	2959	rVB	111010	136126	5.10%	0.481%
80	20.512	2960	2965	2969	rVV	208395	319307	11.97%	1.129%
81	20.547	2969	2971	2975	rVB2	55263	62873	2.36%	0.222%
82	20.653	2984	2989	2992	rBV	169909	226313	8.48%	0.800%
83	20.694	2992	2996	3000	rVB2	146606	199995	7.50%	0.707%
84	21.123	3064	3069	3075	rVB2	269008	423619	15.88%	1.498%
85	21.305	3092	3100	3104	rBV3	138581	326395	12.24%	1.154%
86	21.358	3104	3109	3110	rBV	102578	171353	6.42%	0.606%
87	21.622	3149	3154	3160	rVB	1515218	2187719	82.01%	7.737%
88	21.728	3163	3172	3177	rVV2	1059142	2667483	100.00%	9.434%
89	21.775	3177	3180	3193	rVB	557576	980472	36.76%	3.468%
90	21.933	3203	3207	3212	rBV3	96753	158587	5.95%	0.561%
91	22.392	3282	3285	3290	rBV	57086	106346	3.99%	0.376%
92	22.474	3296	3299	3305	rVB	163479	244344	9.16%	0.864%
93	22.550	3307	3312	3321	rVB2	135242	296677	11.12%	1.049%
94	22.750	3342	3346	3350	rBV2	61980	100096	3.75%	0.354%
95	23.273	3431	3435	3443	rVB	88656	158886	5.96%	0.562%
96	23.966	3545	3553	3561	rBV	291192	1002165	37.57%	3.544%
97	24.102	3571	3576	3583	rVB3	114017	231580	8.68%	0.819%
98	24.701	3671	3678	3684	rBV	186138	443417	16.62%	1.568%
99	24.848	3696	3703	3718	rVB	285461	825423	30.94%	2.919%
100	25.000	3720	3729	3737	rBV2	537694	1596623	59.86%	5.647%

Sum of corrected areas: 28274584

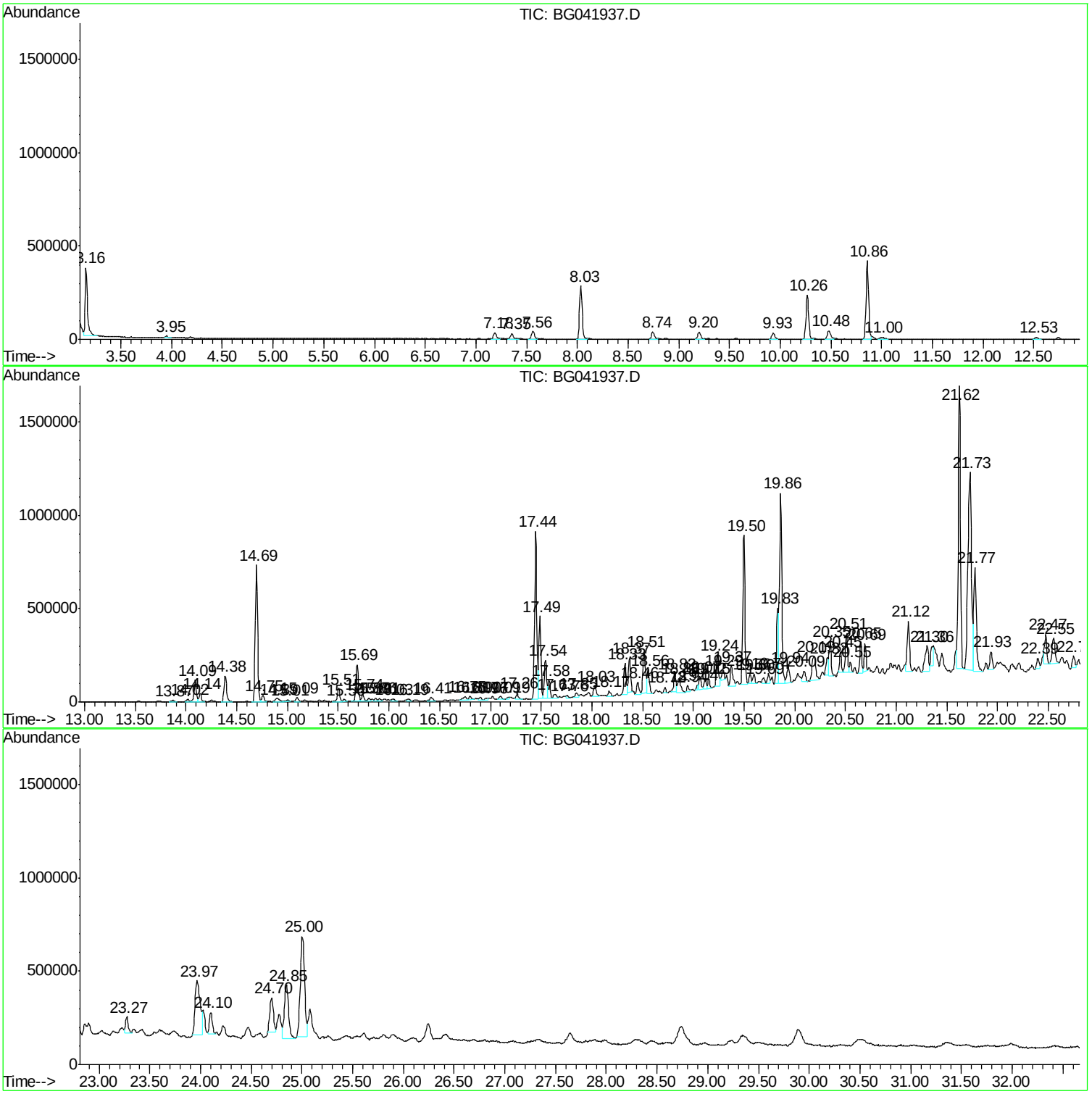
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041937.D
Acq On : 4 Aug 2019 11:12
Operator : HP/JU
Sample : K3850-06DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP5DL

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 : BG041937.D
Acq On : 4 Aug 2019 11:12
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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP5DL

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

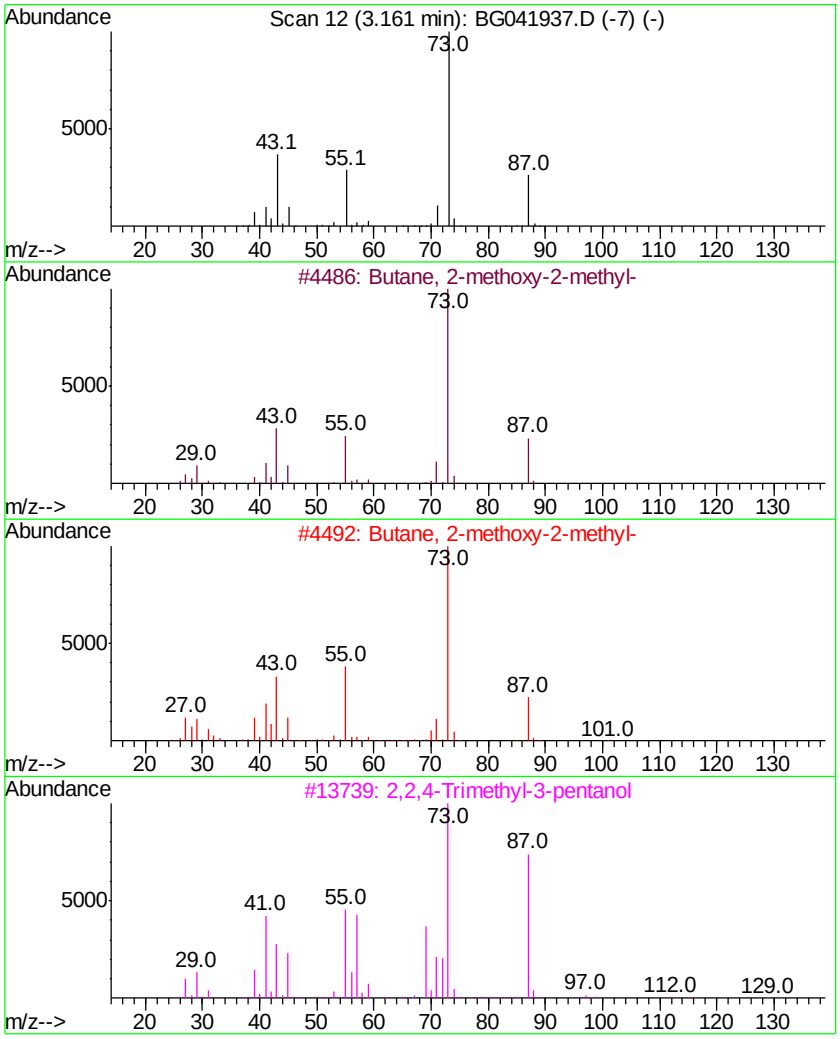
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

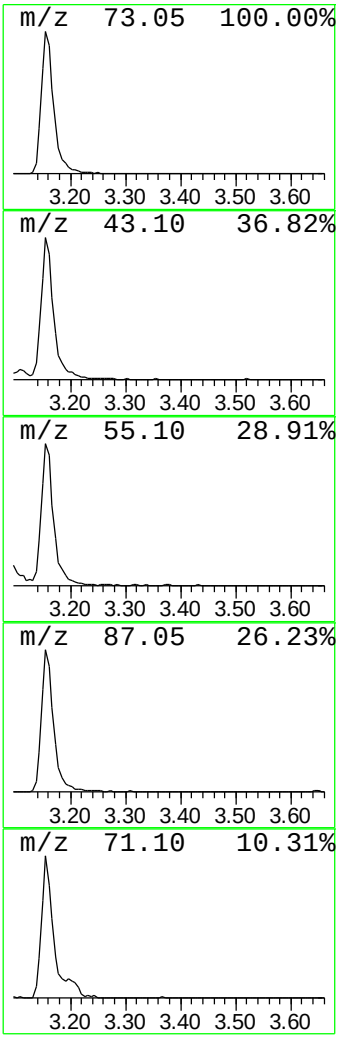
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	23.09 ng/ul	593132	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	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041937.D
Acq On : 4 Aug 2019 11:12
Operator : HP/JU
Sample : K3850-06DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP5DL

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

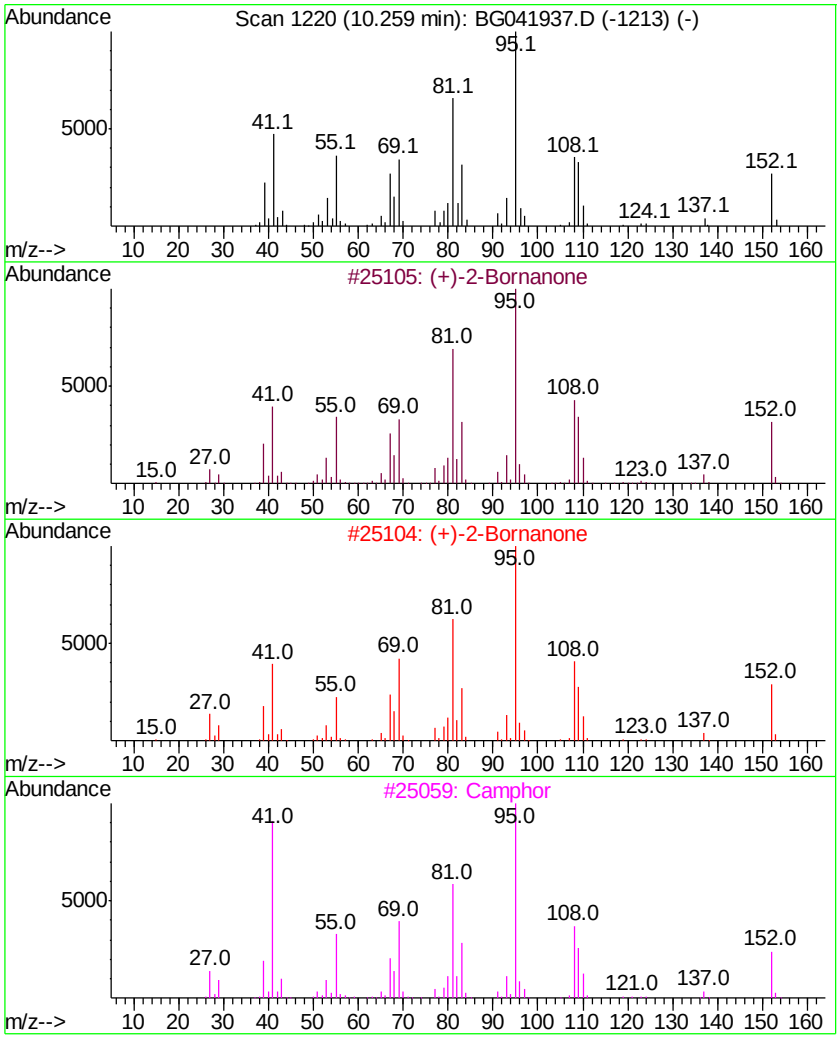
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

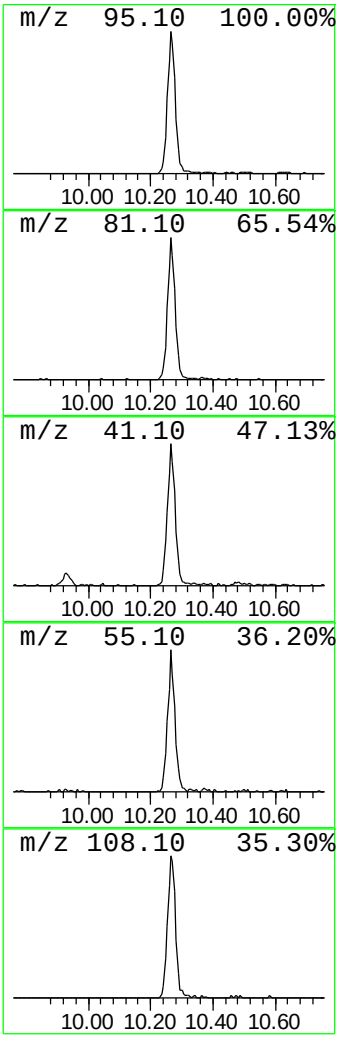
****

Peak Number 2 (+)-2-Bornanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	10.95 ng/ul	421249	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	98
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	98
3	Camphor	152	C10H16O	000076-22-2	98
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	97
5	(+)-2-Bornanone	152	C10H16O	000464-49-3	97





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
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Acq On : 4 Aug 2019 11:12
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Sample : K3850-06DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP5DL

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

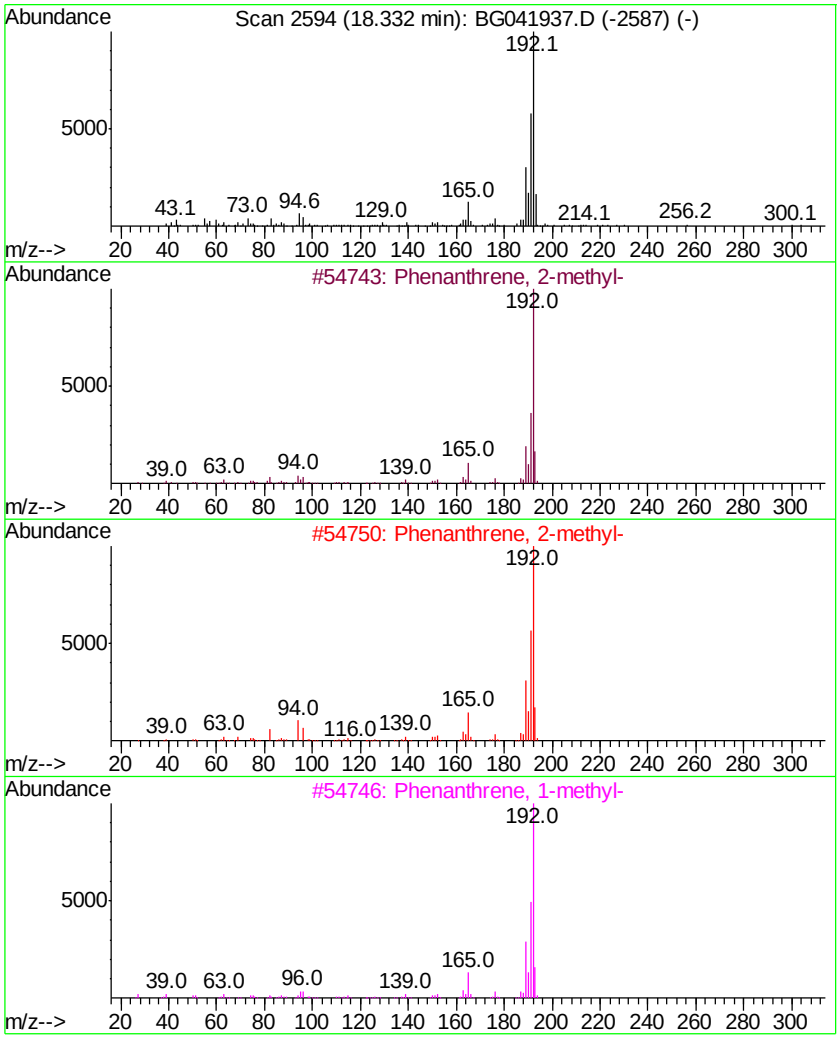
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

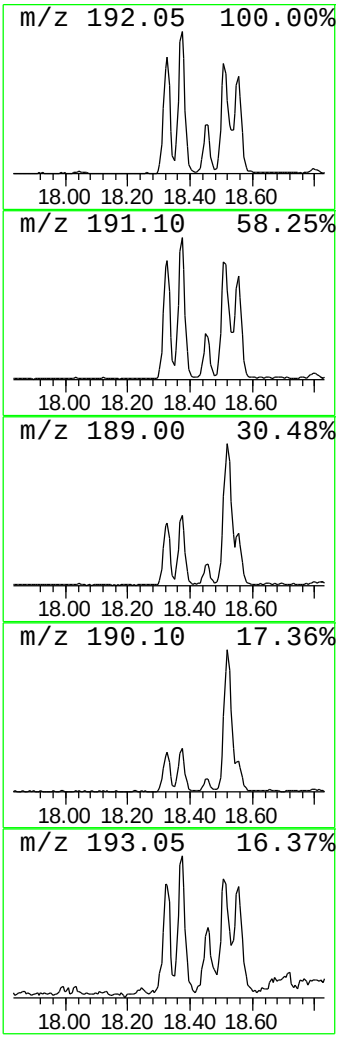
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	4.04 ng/ul	283070	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041937.D
Acq On : 4 Aug 2019 11:12
Operator : HP/JU
Sample : K3850-06DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP5DL

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

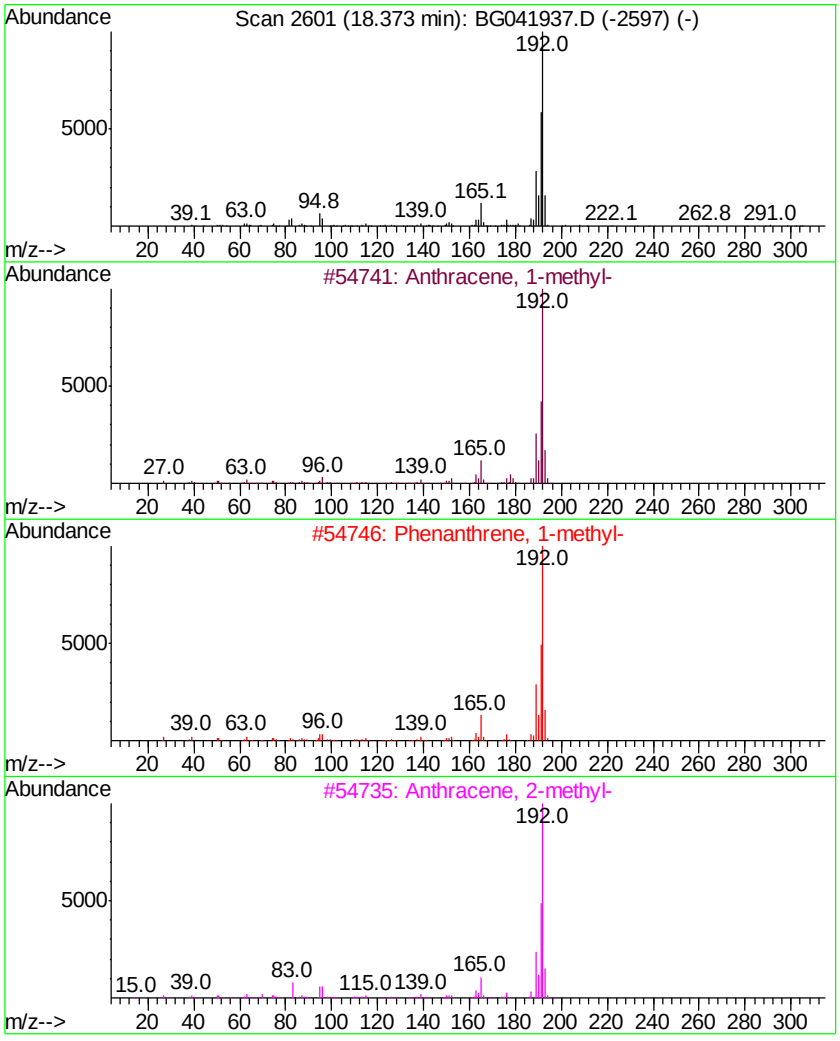
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

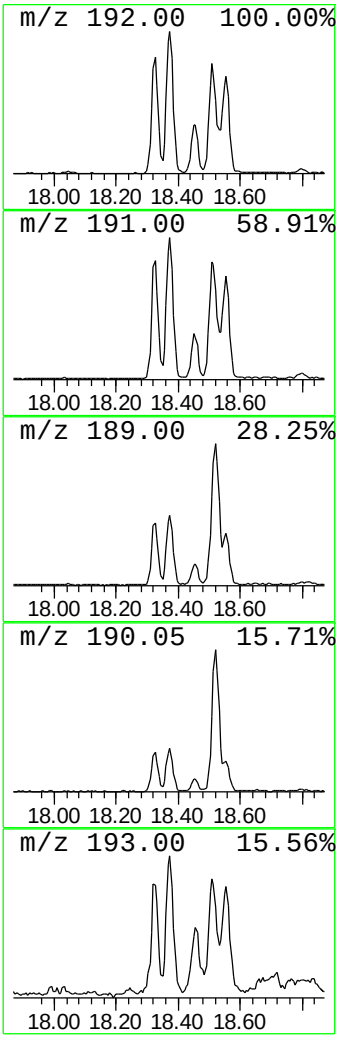
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	3.74 ng/ul	262286	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041937.D
Acq On : 4 Aug 2019 11:12
Operator : HP/JU
Sample : K3850-06DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP5DL

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

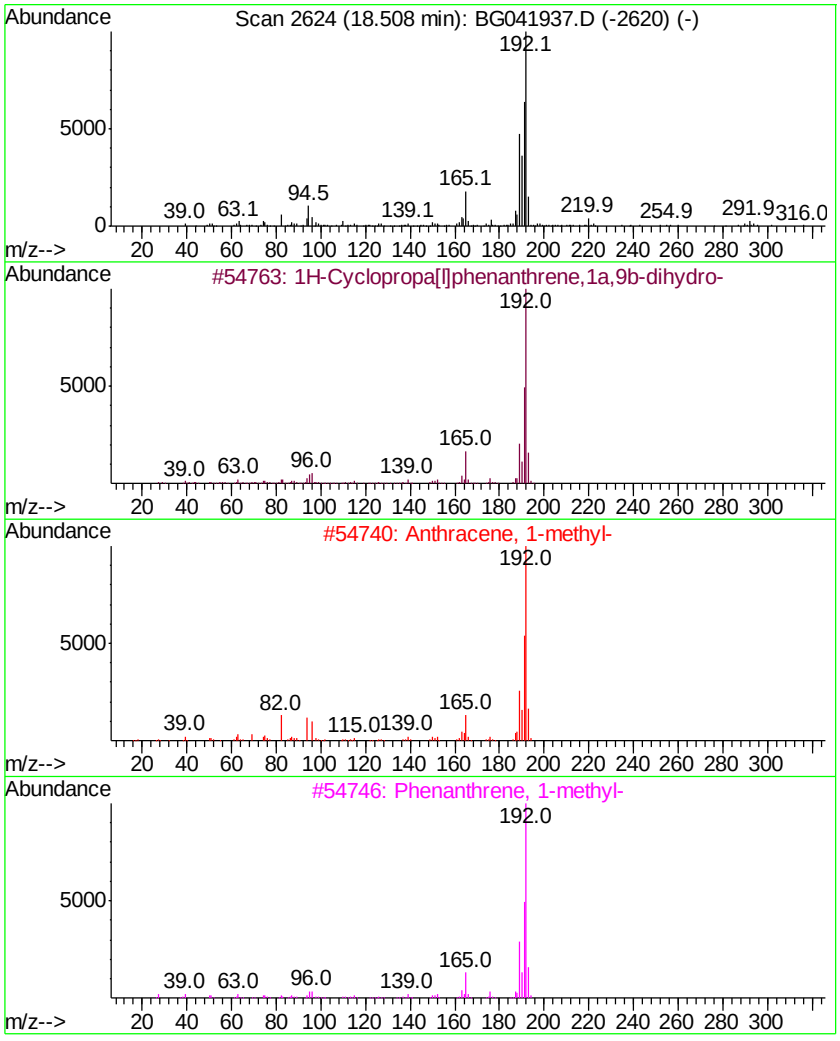
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

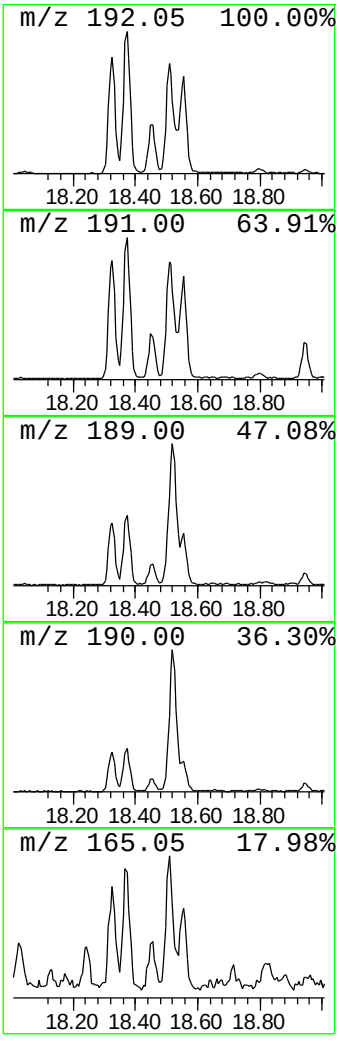
****

Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	5.92 ng/ul	414544	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	55
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	55





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Operator : HP/JU
Sample : K3850-06DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP5DL

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Quant Title : SVOA CALIBRATION

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

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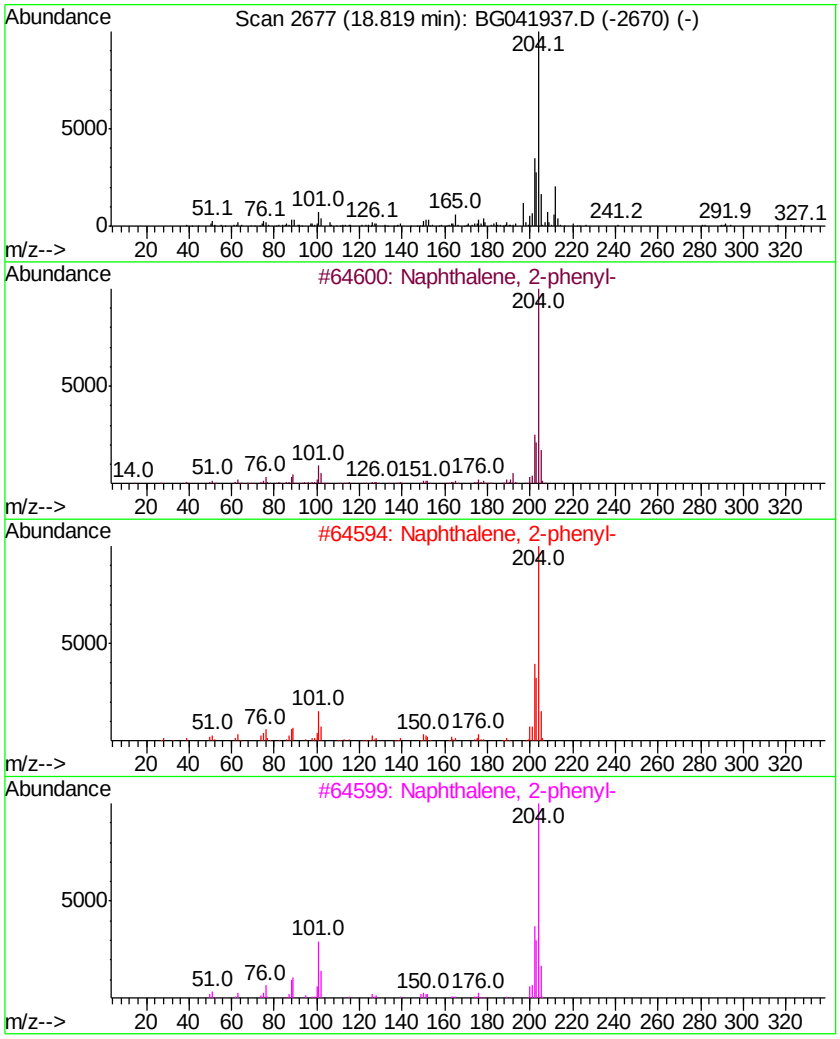
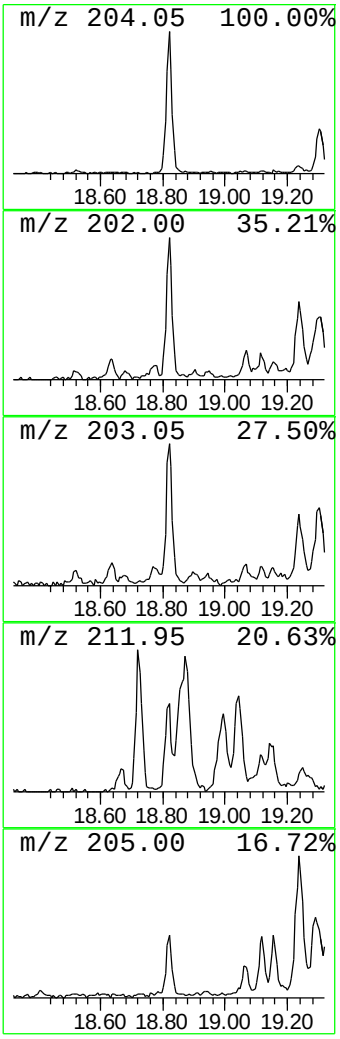
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	2.10 ng/ul	146989	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
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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Operator : HP/JU
Sample : K3850-06DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP5DL

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Quant Title : SVOA CALIBRATION

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

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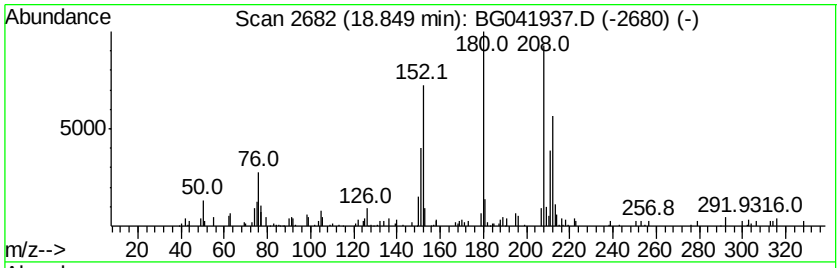
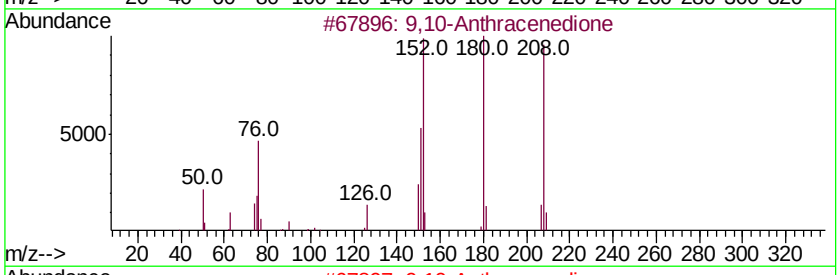
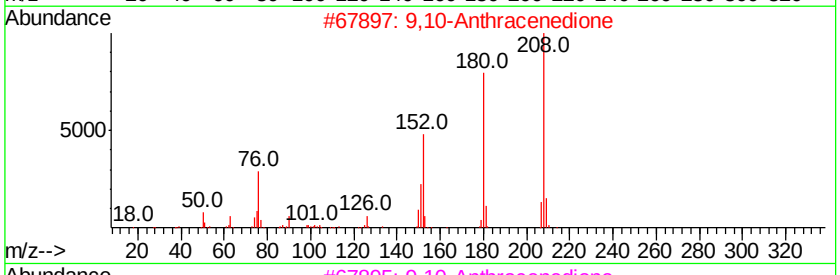
Peak Number 8 9,10-Anthracenedione Concentration Rank 16

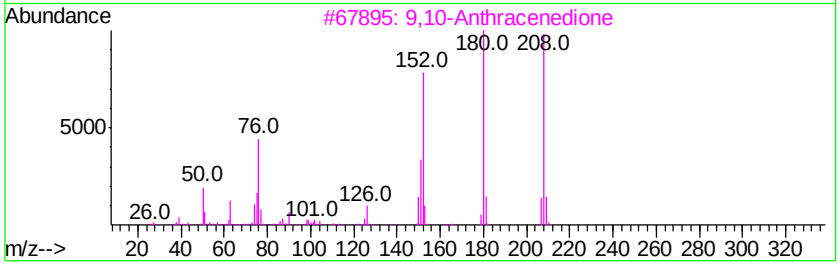
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	2.21 ng/ul	155014	Phenanthrene-d10	17.44

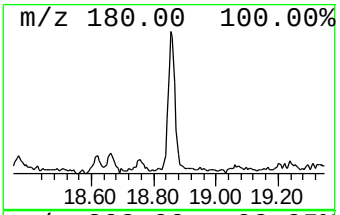
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	53

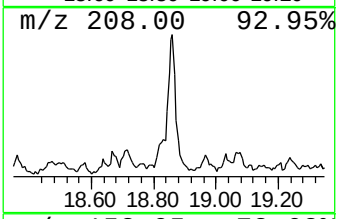


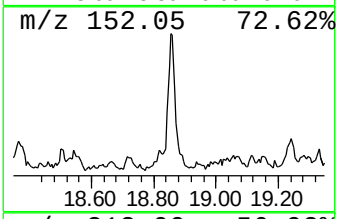


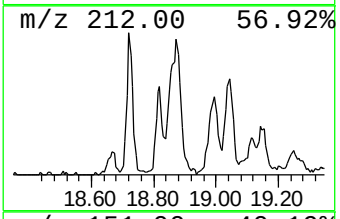


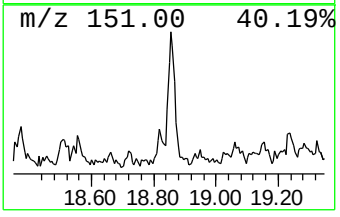












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Acq On : 4 Aug 2019 11:12
Operator : HP/JU
Sample : K3850-06DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP5DL

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Quant Title : SVOA CALIBRATION

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

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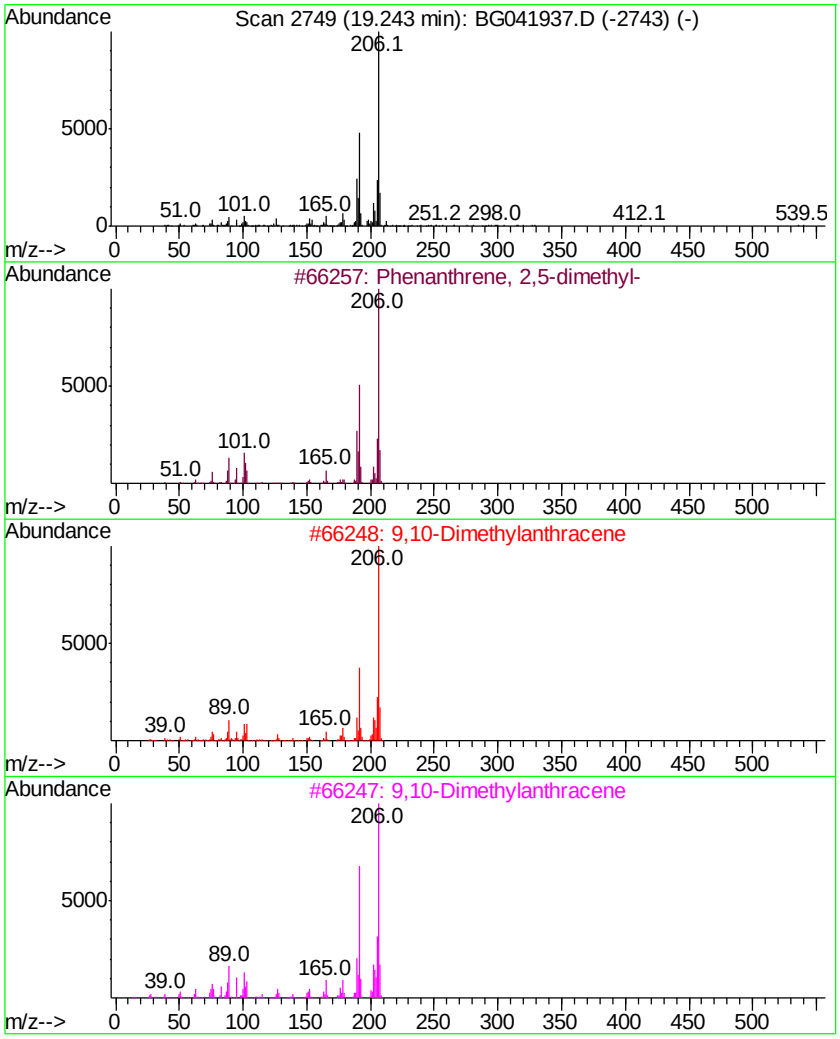
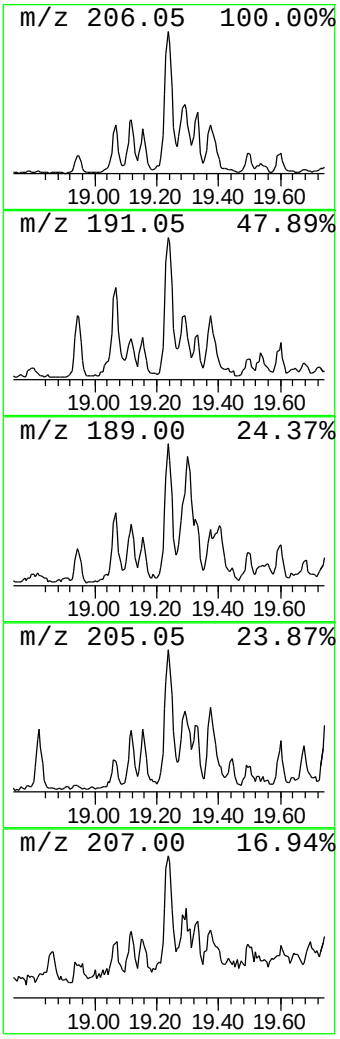
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	3.91 ng/ul	274011	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87





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Sample : K3850-06DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP5DL

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Quant Title : SVOA CALIBRATION

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

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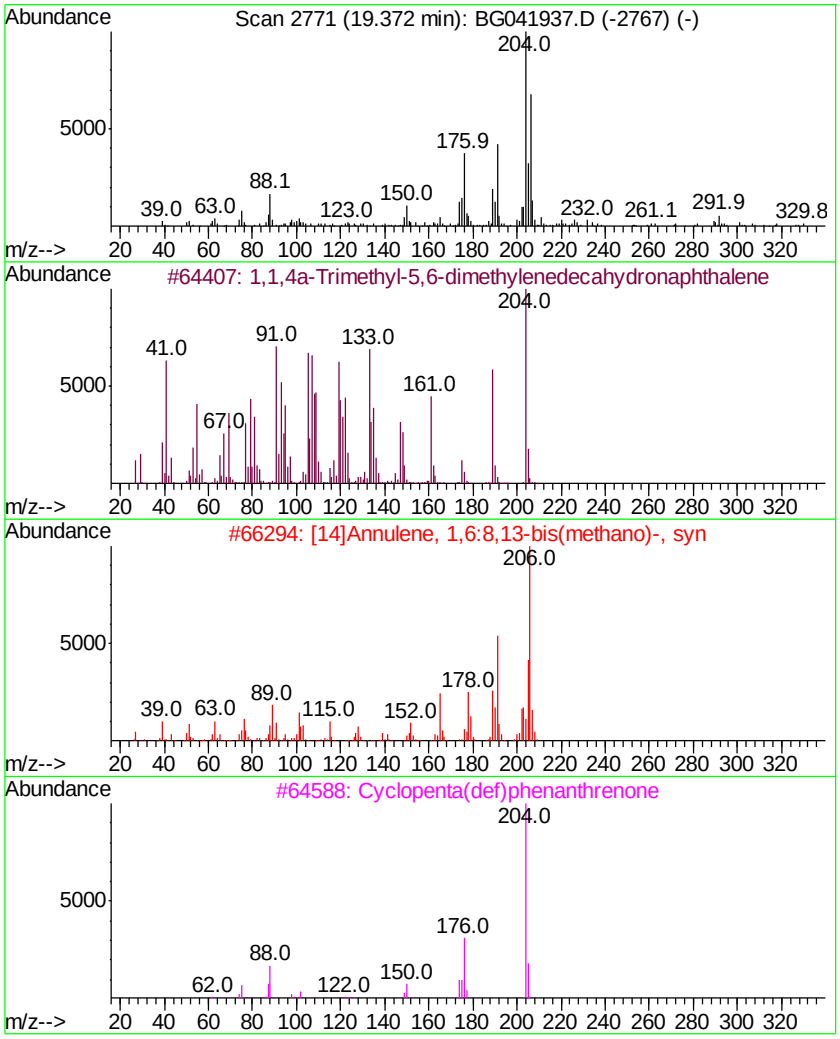
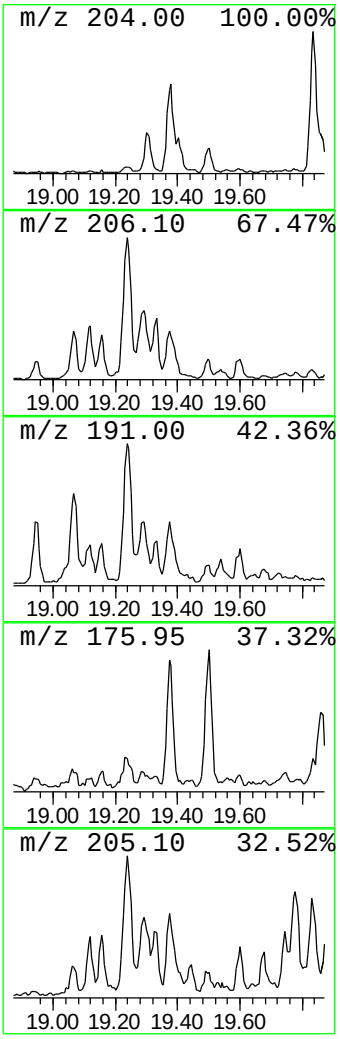
Peak Number 10 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	2.82 ng/ul	197563	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	64
2	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	64
3	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	62
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	46
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	41





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Sample : K3850-06DL 5X
Misc :
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Instrument : BNA_G
ClientSampleId : BENP5DL

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Quant Title : SVOA CALIBRATION

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

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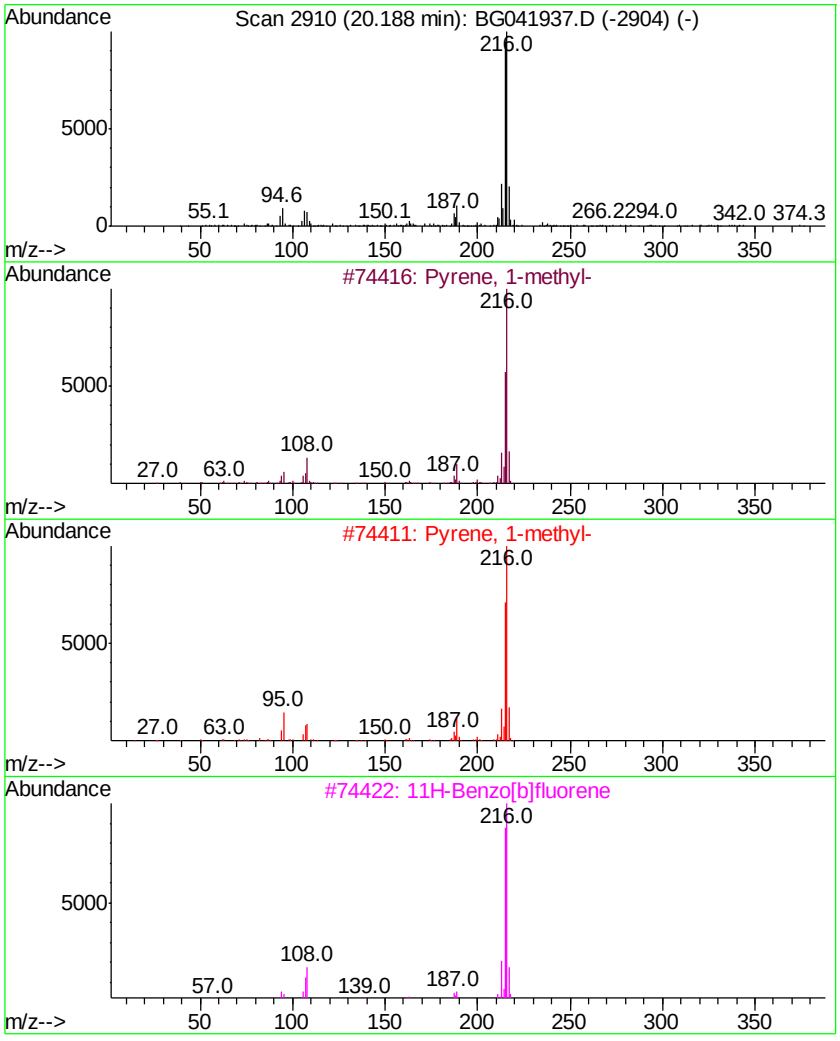
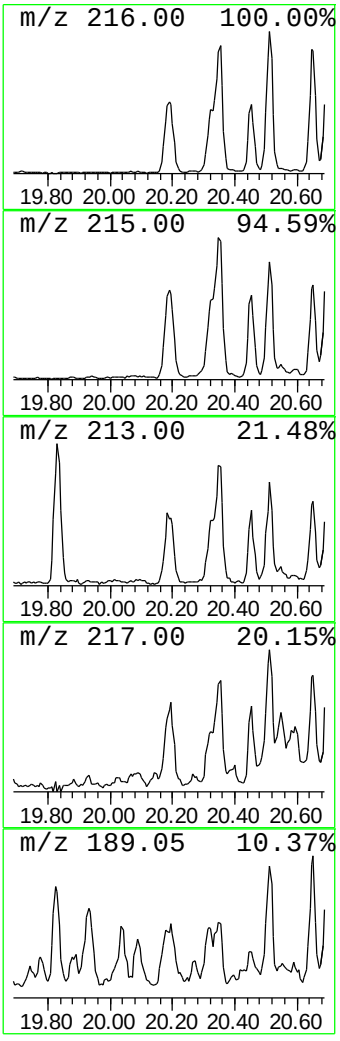
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	2.49 ng/ul	332422	Chrysene-d12	21.73

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	95
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





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Sample : K3850-06DL 5X
Misc :
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Instrument : BNA_G
ClientSampleId : BENP5DL

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Quant Title : SVOA CALIBRATION

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

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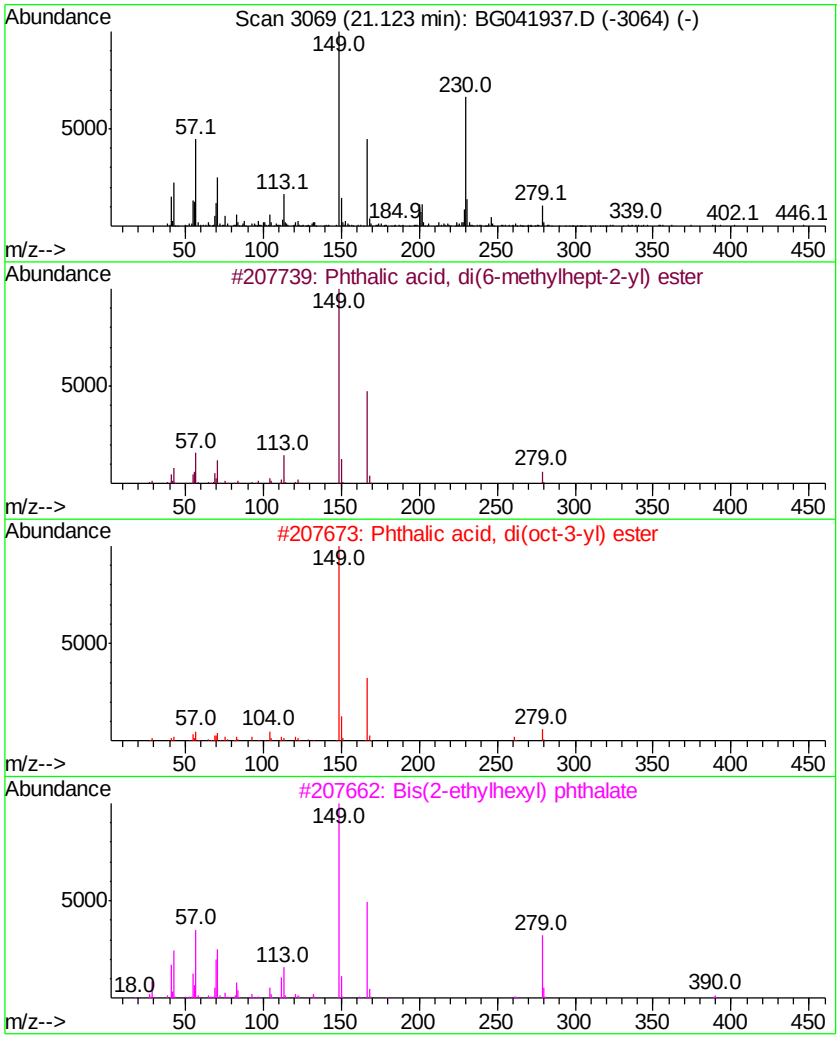
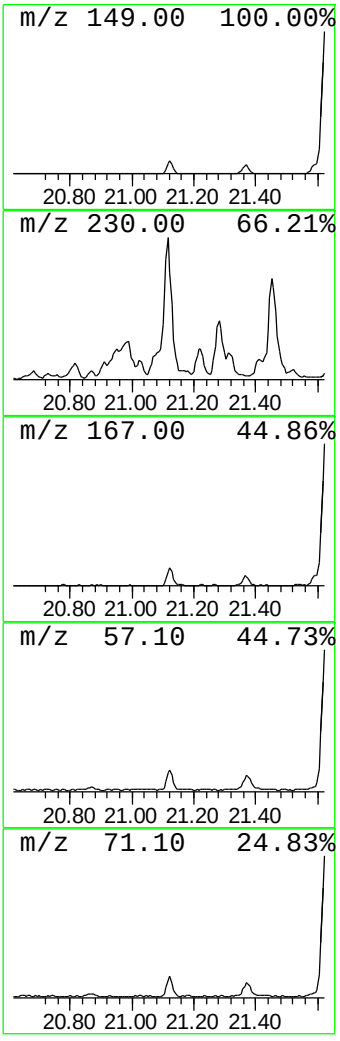
Peak Number 14 Phthalic acid, di(6-methylh... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	3.18 ng/ul	423619	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, di(6-methylhept-2...	390	C24H38O4	1000377-97-3	58
2	Phthalic acid, di(oct-3-yl) ester	390	C24H38O4	1000377-72-3	49
3	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	49
4	Diisooctyl phthalate	390	C24H38O4	000131-20-4	49
5	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	49





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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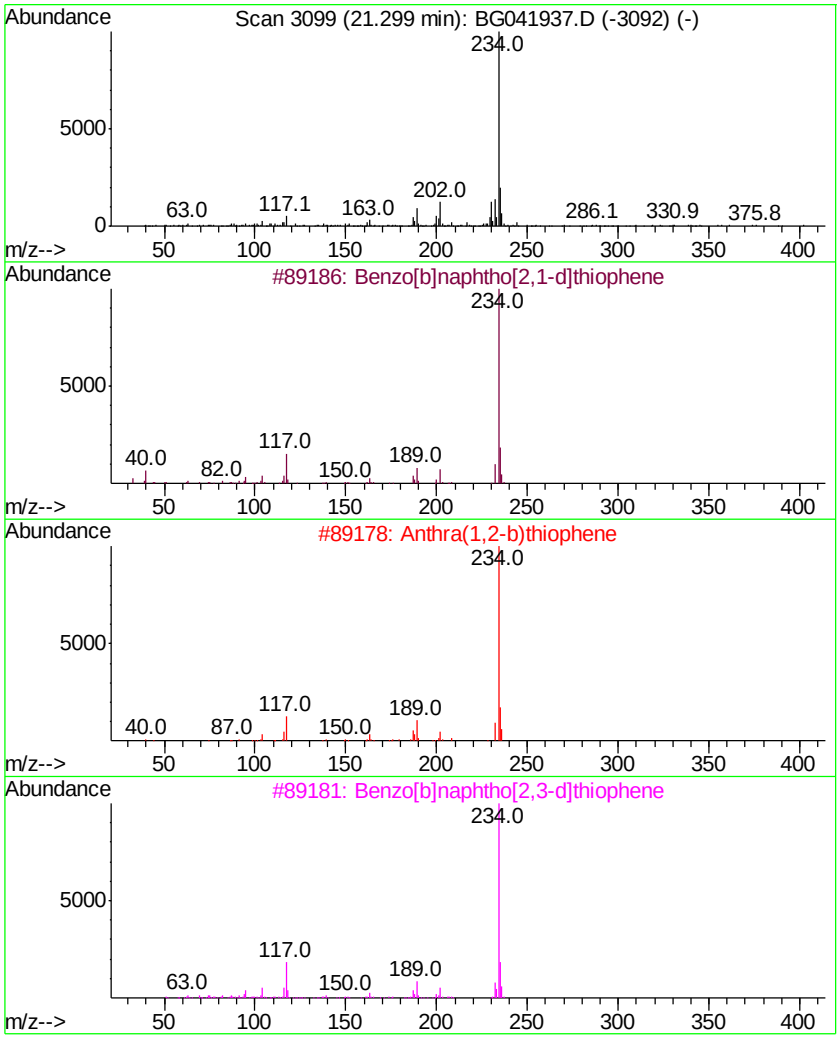
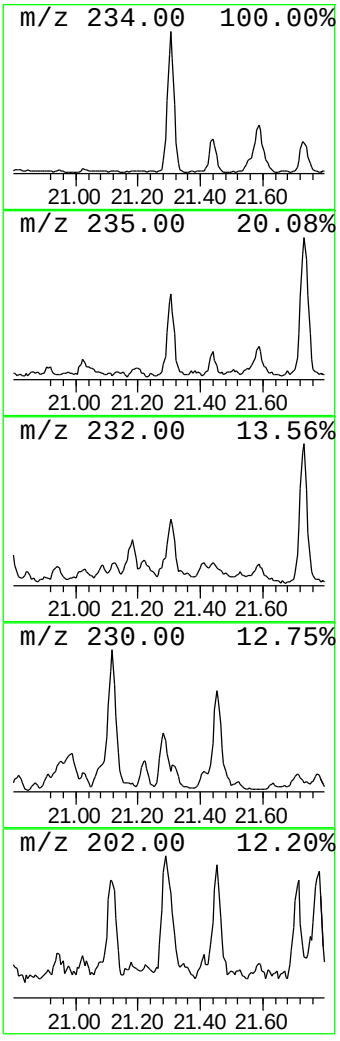
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	2.45 ng/ul	326395	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
2	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	90
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	90
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90





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Quant Title : SVOA CALIBRATION

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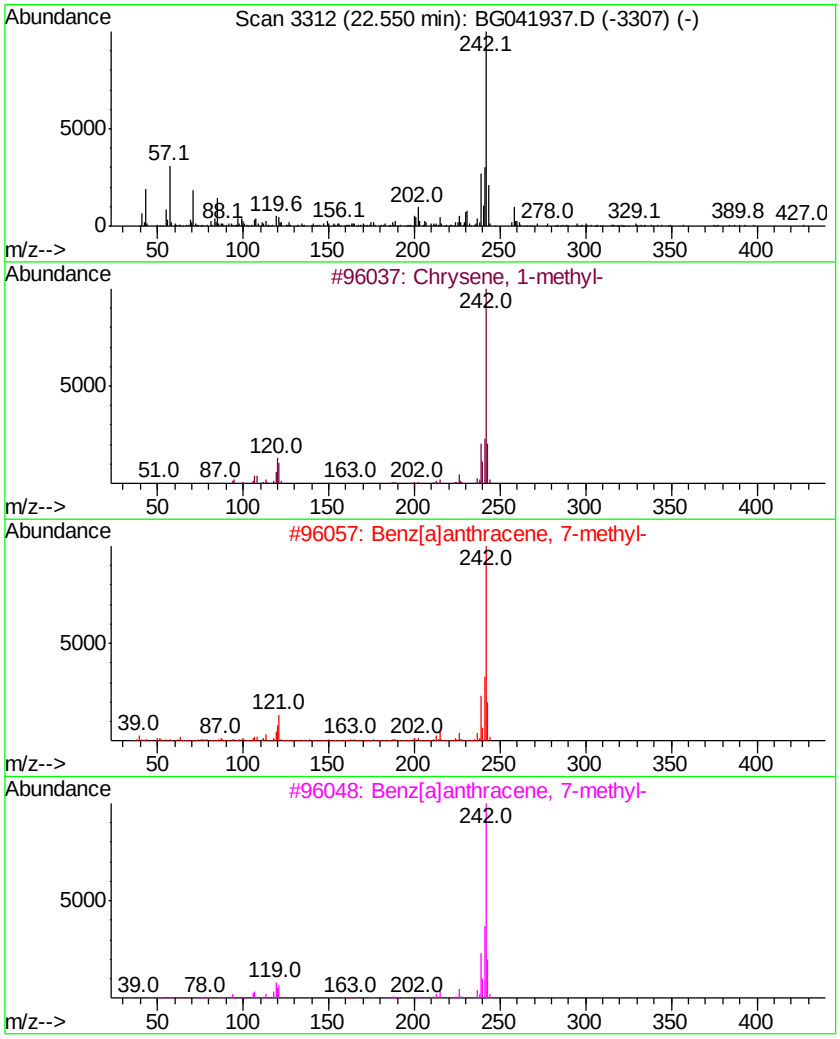
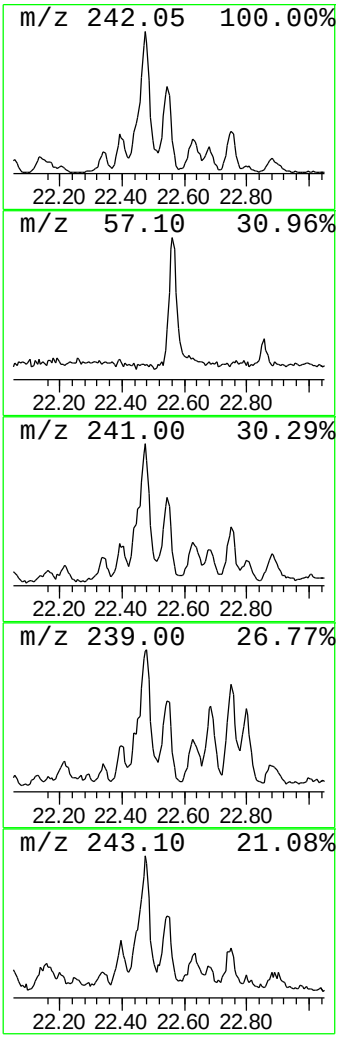
Peak Number 16 Chrysene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	2.22 ng/ul	296677	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	89
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	86
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	86
4	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	86
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	83





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Quant Title : SVOA CALIBRATION

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

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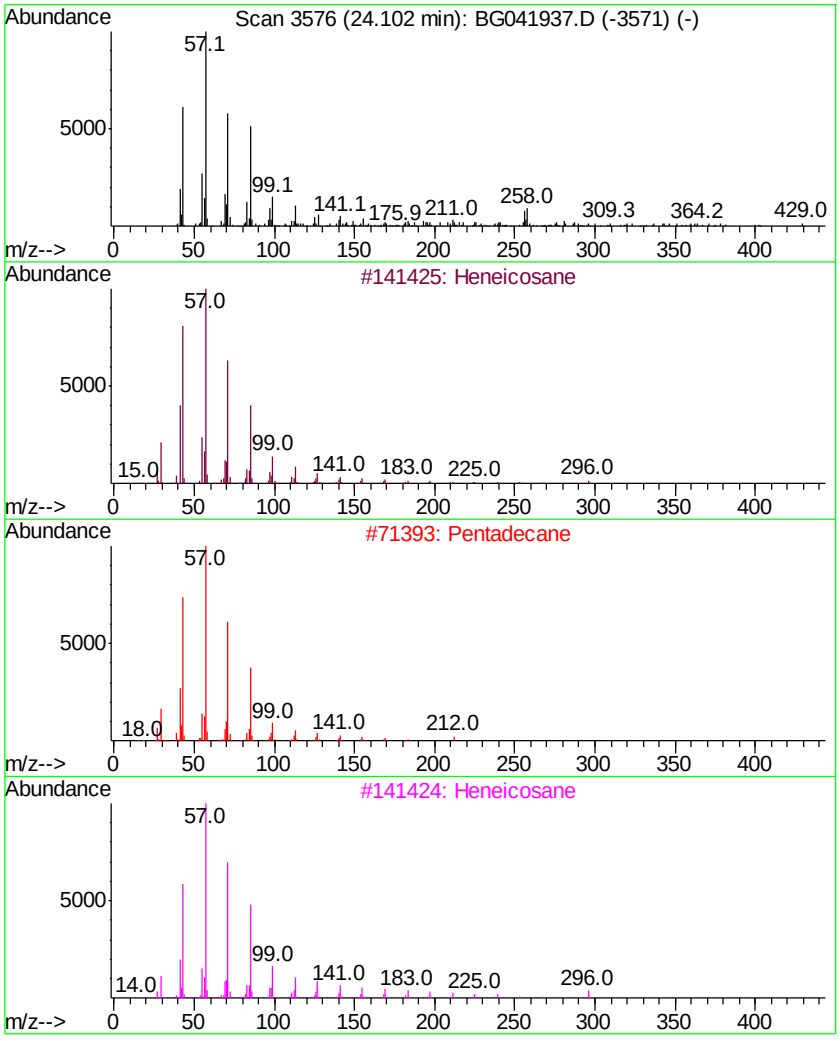
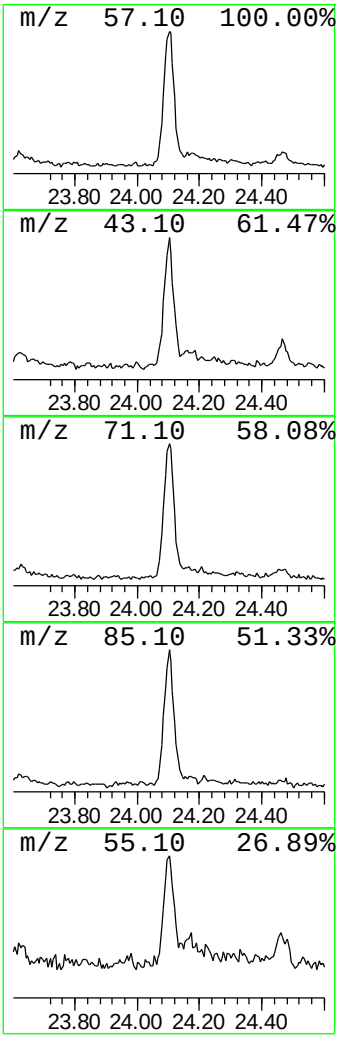
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	2.90 ng/ul	231580	Perylene-d12	25.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Pentadecane	212	C15H32	000629-62-9	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Eicosane	282	C20H42	000112-95-8	83





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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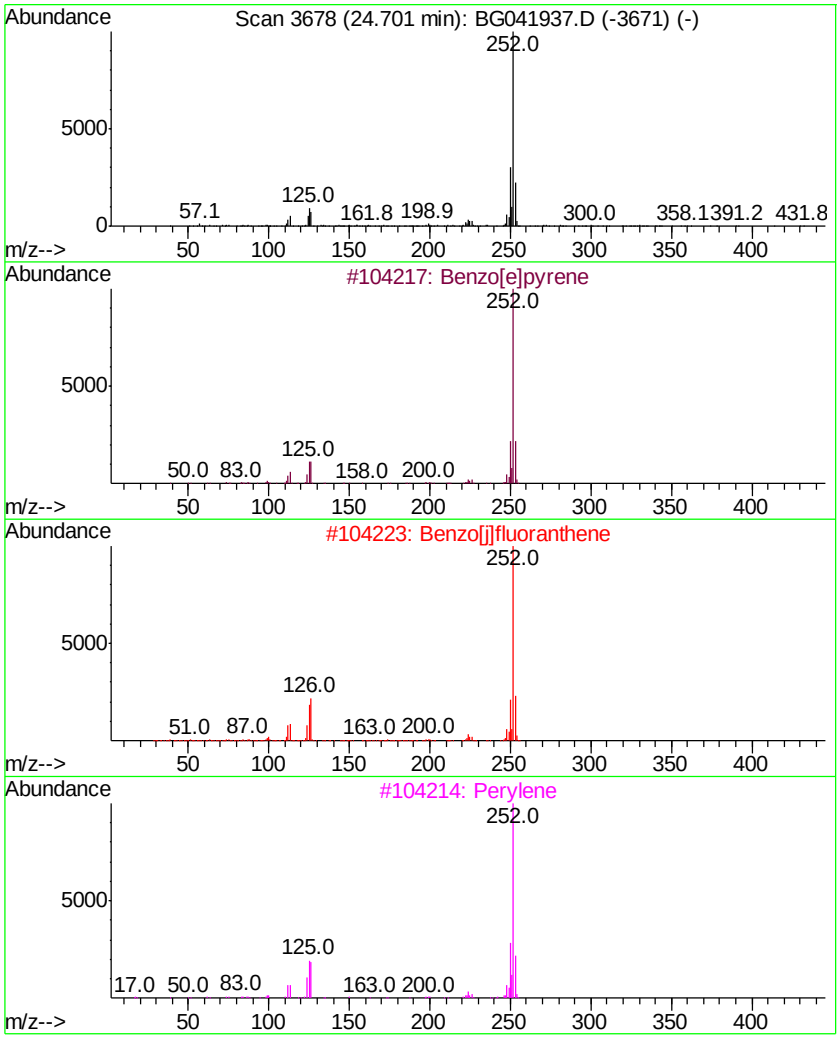
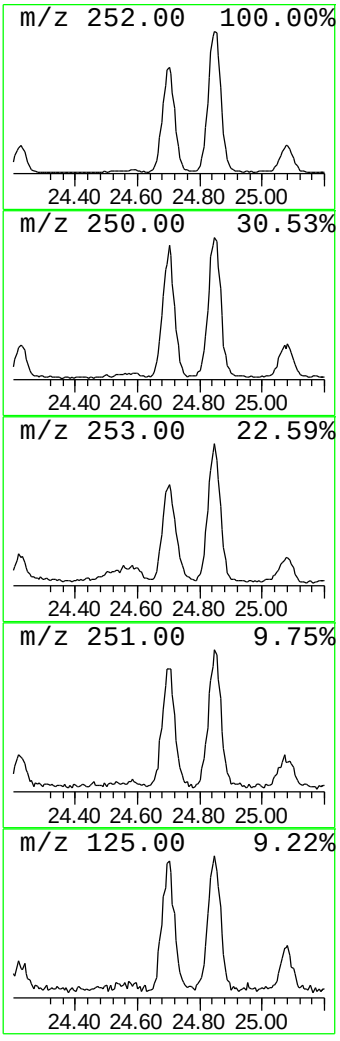
Peak Number 18 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.70	5.55 ng/ul	443417	Perylene-d12	25.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Data File : BG041937.D
Acq On : 4 Aug 2019 11:12
Operator : HP/JU
Sample : K3850-06DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENP5DL

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	23.1	ng/ul	593132	1	8.03	513865	20.0
(+)-2-Bornanone	10.26	10.9	ng/ul	421249	2	10.86	769547	20.0
Phenanthrene, 2-m...	18.33	4.0	ng/ul	283070	4	17.44	1401260	20.0
Anthracene, 1-met...	18.37	3.7	ng/ul	262286	4	17.44	1401260	20.0
1H-Cyclopropa[l]p...	18.51	5.9	ng/ul	414544	4	17.44	1401260	20.0
Naphthalene, 2-ph...	18.82	2.1	ng/ul	146989	4	17.44	1401260	20.0
9,10-Anthracenedione	18.85	2.2	ng/ul	155014	4	17.44	1401260	20.0
Phenanthrene, 2,5...	19.24	3.9	ng/ul	274011	4	17.44	1401260	20.0
1,1,4a-Trimethyl-...	19.37	2.8	ng/ul	197563	4	17.44	1401260	20.0
Pyrene, 1-methyl-	20.19	2.5	ng/ul	332422	5	21.73	2667480	20.0
Phthalic acid, di...	21.12	3.2	ng/ul	423619	5	21.73	2667480	20.0
Benzo[b]naphtho[2...	21.30	2.5	ng/ul	326395	5	21.73	2667480	20.0
Chrysene, 1-methyl-	22.55	2.2	ng/ul	296677	5	21.73	2667480	20.0
(DEL) Alkane: Str...	24.10	2.9	ng/ul	231580	6	25.00	1596620	20.0
Benzo[e]pyrene	24.70	5.5	ng/ul	443417	6	25.00	1596620	20.0