LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
Data File : BG020699.D
Acq On : 13 Jan 2016 9:46
Operator : SJ/IZ
Sample : H1094-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC960

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.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	3.053	30	36	40	rBV	59773	105590	15.32%	1.099%
2	3.129	45	49	56	rVB	116548	158943	23.07%	1.654%
3	3.946	183	188	195	rVB	8126	12750	1.85%	0.133%
4	4.398	261	265	271	rVB2	19963	28334	4.11%	0.295%
5	4.821	331	337	343	rVB	12737	18614	2.70%	0.194%
6	7.207	737	743	754	rBV	36498	68497	9.94%	0.713%
7	7.365	763	770	778	rBV	31638	52883	7.67%	0.550%
8	7.571	799	805	815	rVB	38083	67038	9.73%	0.698%
9	8.041	879	885	896	rBV	42074	72235	10.48%	0.752%
10	8.752	1001	1006	1021	rBV	44045	81087	11.77%	0.844%
11	9.216	1078	1085	1094	rBV	39955	72903	10.58%	0.759%
12	9.939	1202	1208	1217	rBV	33876	60850	8.83%	0.633%
13	10.485	1295	1301	1312	rBV	53663	99680	14.47%	1.037%
14	10.861	1358	1365	1371	rBV	66161	117127	17.00%	1.219%
15	10.914	1371	1374	1381	rVB3	2999	4571	0.66%	0.048%
16	11.002	1383	1389	1401	rBV2	26902	56003	8.13%	0.583%
17	14.005	1894	1900	1904	rBV	2361	4081	0.59%	0.042%
18	14.081	1906	1913	1917	rVV	134235	194120	28.17%	2.020%
19	14.128	1917	1921	1927	rVB	55245	78062	11.33%	0.812%
20	14.381	1957	1964	1979	rVB	137430	224290	32.55%	2.334%
21	14.557	1987	1994	1998	rBV	4136	5592	0.81%	0.058%
22	14.686	2008	2016	2022	rBV2	121993	199362	28.93%	2.075%
23	14.751	2022	2027	2032	rVB	4785	8019	1.16%	0.083%
24	14.904	2047	2053	2066	rBV	19668	42986	6.24%	0.447%
25	15.074	2079	2082	2091	rVV4	3572	7061	1.02%	0.073%
26	15.156	2091	2096	2101	rVB3	3372	6077	0.88%	0.063%
27	15.297	2115	2120	2124	rBB3	2746	4684	0.68%	0.049%
28	15.503	2151	2155	2159	rVB2	8647	10603	1.54%	0.110%
29	15.673	2178	2184	2190	rVV	209738	306804	44.53%	3.193%
30	15.726	2190	2193	2201	rVB3	7400	11475	1.67%	0.119%
31	15.803	2201	2206	2212	rBV	40561	66472	9.65%	0.692%
32	16.173	2265	2269	2275	rBV2	2382	4379	0.64%	0.046%
33	16.367	2297	2302	2304	rBV	10072	13297	1.93%	0.138%
34	16.396	2304	2307	2315	rVV6	7890	16324	2.37%	0.170%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : BC960

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Title : SVOA CALIBRATION

35	16.731	2355	2364	2369	rVV6	5421	17045	2.47%	0.177%
36	16.778	2369	2372	2377	rVV4	5576	9277	1.35%	0.097%
37	16.878	2387	2389	2396	rVB3	4056	5908	0.86%	0.061%
38	16.954	2396	2402	2405	rBV5	4099	8368	1.21%	0.087%
39	17.001	2408	2410	2417	rVB2	4647	6705	0.97%	0.070%
40	17.089	2421	2425	2430	rVV2	7685	13496	1.96%	0.140%
41	17.160	2433	2437	2441	rVV3	9396	14451	2.10%	0.150%
42	17.213	2441	2446	2449	rVV5	3492	6499	0.94%	0.068%
43	17.248	2449	2452	2458	rVB	6491	10163	1.47%	0.106%
44	17.430	2477	2483	2487	rBV	185567	278293	40.39%	2.897%
45	17.471	2487	2490	2495	rVB	126386	170696	24.77%	1.777%
46	17.530	2495	2500	2505	rBV	228104	338086	49.07%	3.519%
47	17.624	2511	2516	2520	rVB4	5701	9319	1.35%	0.097%
48	17.835	2546	2552	2560	rBV4	12436	27853	4.04%	0.290%
49	17.894	2560	2562	2566	rVV4	5658	6080	0.88%	0.063%
50	17.947	2567	2571	2574	rVB	6352	7216	1.05%	0.075%
51	18.012	2578	2582	2589	rVB2	11062	19360	2.81%	0.202%
52	18.159	2602	2607	2611	rVB2	3996	7361	1.07%	0.077%
53	18.229	2615	2619	2623	rBV5	6255	9328	1.35%	0.097%
54	18.306	2626	2632	2636	rBV	47563	72529	10.53%	0.755%
55	18.353	2636	2640	2646	rVB	57713	88881	12.90%	0.925%
56	18.435	2649	2654	2659	rBV3	10748	18090	2.63%	0.188%
57	18.499	2659	2665	2668	rBV2	59405	109458	15.89%	1.139%
58	18.535	2669	2671	2676	rVB	38451	48707	7.07%	0.507%
59	18.699	2695	2699	2704	rVB3	7575	10149	1.47%	0.106%
60	18.799	2711	2716	2720	rBV	28179	39869	5.79%	0.415%
61	18.852	2720	2725	2732	rVB2	37399	60839	8.83%	0.633%
62	18.922	2734	2737	2739	rBV3	4037	4848	0.70%	0.050%
63	19.040	2749	2757	2762	rBV5	20294	41542	6.03%	0.432%
64	19.093	2762	2766	2770	rVB2	21211	24597	3.57%	0.256%
65	19.134	2770	2773	2777	rVB	15201	18484	2.68%	0.192%
66	19.216	2781	2787	2791	rBV	69345	109080	15.83%	1.135%
67	19.275	2791	2797	2800	rBV4	19845	38658	5.61%	0.402%
68	19.363	2806	2812	2823	rBV6	29896	74311	10.78%	0.773%
69	19.481	2826	2832	2838	rVV	322154	454804	66.00%	4.734%
70	19.533	2838	2841	2845	rVV2	15486	23724	3.44%	0.247%
71	19.575	2845	2848	2852	rVB3	18433	25058	3.64%	0.261%

LSC Area Percent Report

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Data File : BG020699.D
Acq On : 13 Jan 2016 9:46
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Sample : H1094-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC960

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

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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Title : SVOA CALIBRATION

72	19.674	2862	2865	2868	rBV3	9837	13696	1.99%	0.143%
73	19.816	2882	2889	2891	rBV	337581	503182	73.03%	5.237%
74	19.845	2891	2894	2901	rVV	358165	504254	73.18%	5.248%
75	19.910	2901	2905	2911	rVB	38882	57362	8.32%	0.597%
76	20.074	2929	2933	2941	rVB4	22637	44654	6.48%	0.465%
77	20.168	2941	2949	2955	rBV4	46104	122922	17.84%	1.279%
78	20.327	2966	2976	2984	rVB	71603	194387	28.21%	2.023%
79	20.432	2990	2994	2998	rBV	39343	49928	7.25%	0.520%
80	20.491	2999	3004	3008	rVB2	62978	88700	12.87%	0.923%
81	20.632	3024	3028	3031	rBV	62395	80788	11.72%	0.841%
82	20.673	3032	3035	3040	rVV	45035	58569	8.50%	0.610%
83	20.885	3068	3071	3073	rBV3	17559	21906	3.18%	0.228%
84	21.096	3104	3107	3113	rVB2	46172	67423	9.78%	0.702%
85	21.279	3130	3138	3142	rBV3	47675	113431	16.46%	1.181%
86	21.320	3142	3145	3150	rVB	48912	65722	9.54%	0.684%
87	21.373	3150	3154	3159	rBV3	34893	54704	7.94%	0.569%
88	21.702	3202	3210	3215	rBV2	267348	689045	100.00%	7.172%
89	21.749	3215	3218	3230	rVB	180402	303963	44.11%	3.164%
90	21.901	3241	3244	3250	rVB3	23839	35123	5.10%	0.366%
91	22.712	3378	3382	3387	rBV2	25024	47141	6.84%	0.491%
92	23.922	3581	3588	3605	rVB2	106786	524499	76.12%	5.459%
93	24.181	3627	3632	3642	rVB2	20572	50573	7.34%	0.526%
94	24.651	3706	3712	3718	rBV2	60839	154330	22.40%	1.606%
95	24.733	3719	3726	3733	rVV	151710	404707	58.73%	4.212%
96	24.810	3733	3739	3748	rVB	103242	262220	38.06%	2.729%
97	24.957	3758	3764	3773	rVB2	97422	250955	36.42%	2.612%
98	26.044	3939	3949	3959	rVB3	60185	185730	26.95%	1.933%
99	28.676	4388	4397	4398	rBV3	37947	76885	11.16%	0.800%
100	29.845	4586	4596	4597	rBV4	30022	71103	10.32%	0.740%

Sum of corrected areas: 9607827

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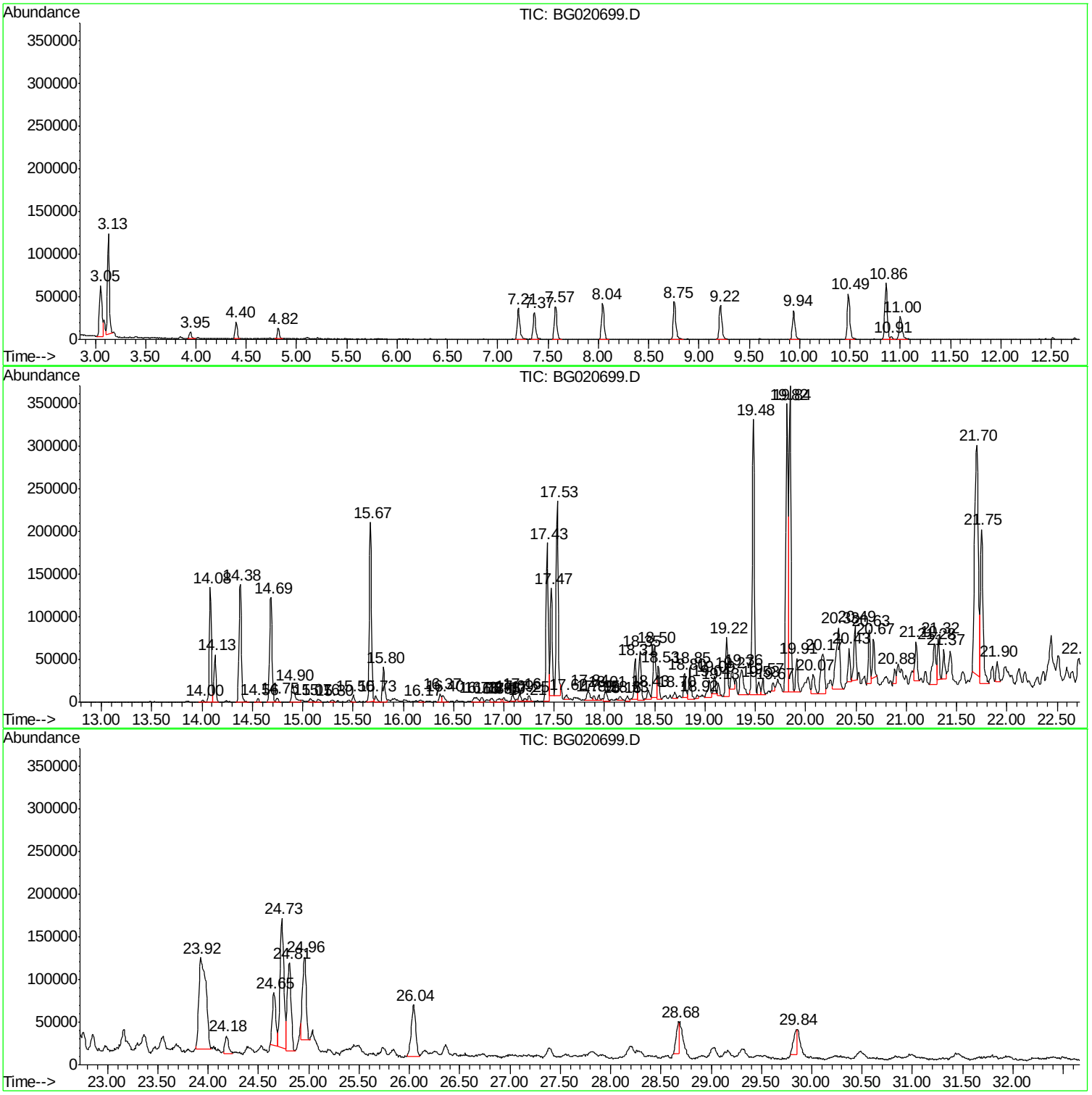
Instrument : BNA_G
ClientSampleId : BC960

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Quant Title : SVOA CALIBRATION

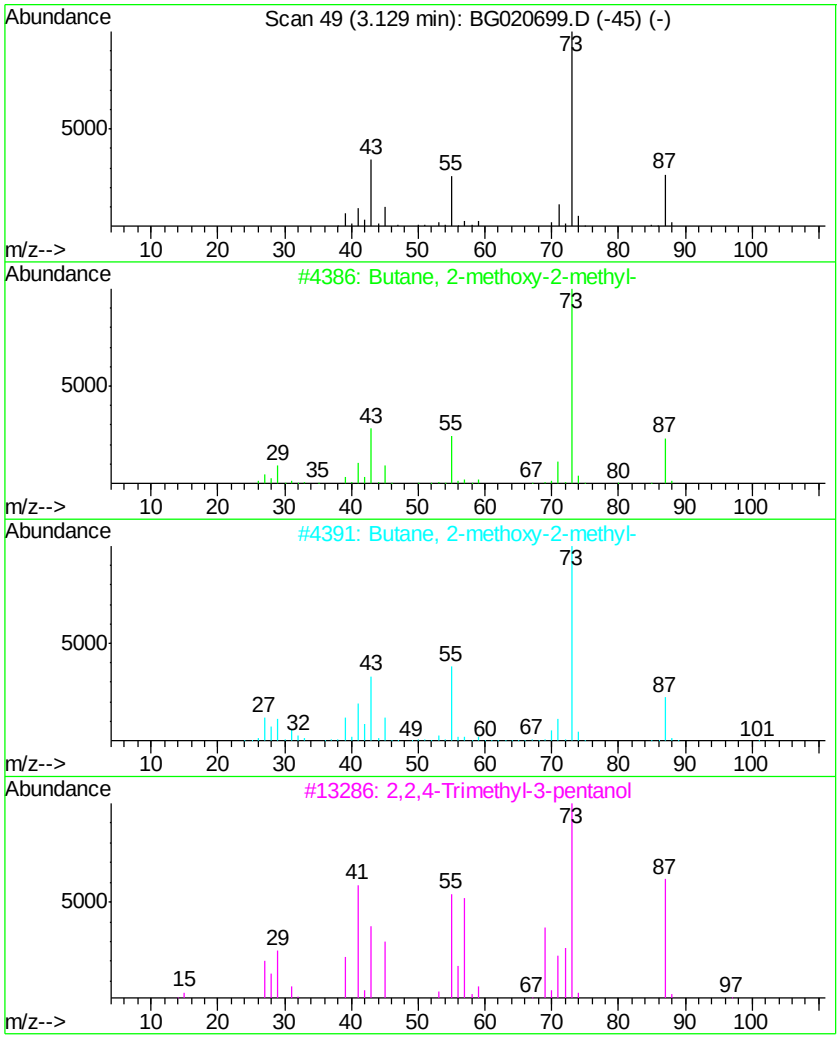
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

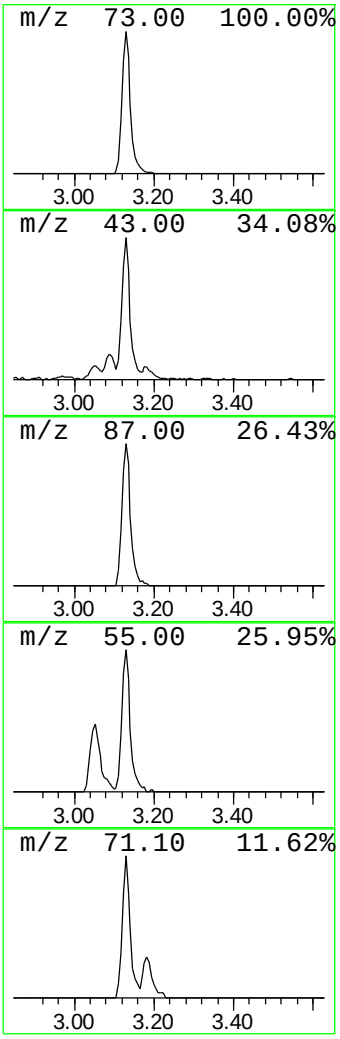
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	44.01 ng/ul	158943	1,4-Dichlorobenzene-d4	8.04

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	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	37
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
Data File : BG020699.D
Acq On : 13 Jan 2016 9:46
Operator : SJ/IZ
Sample : H1094-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC960

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

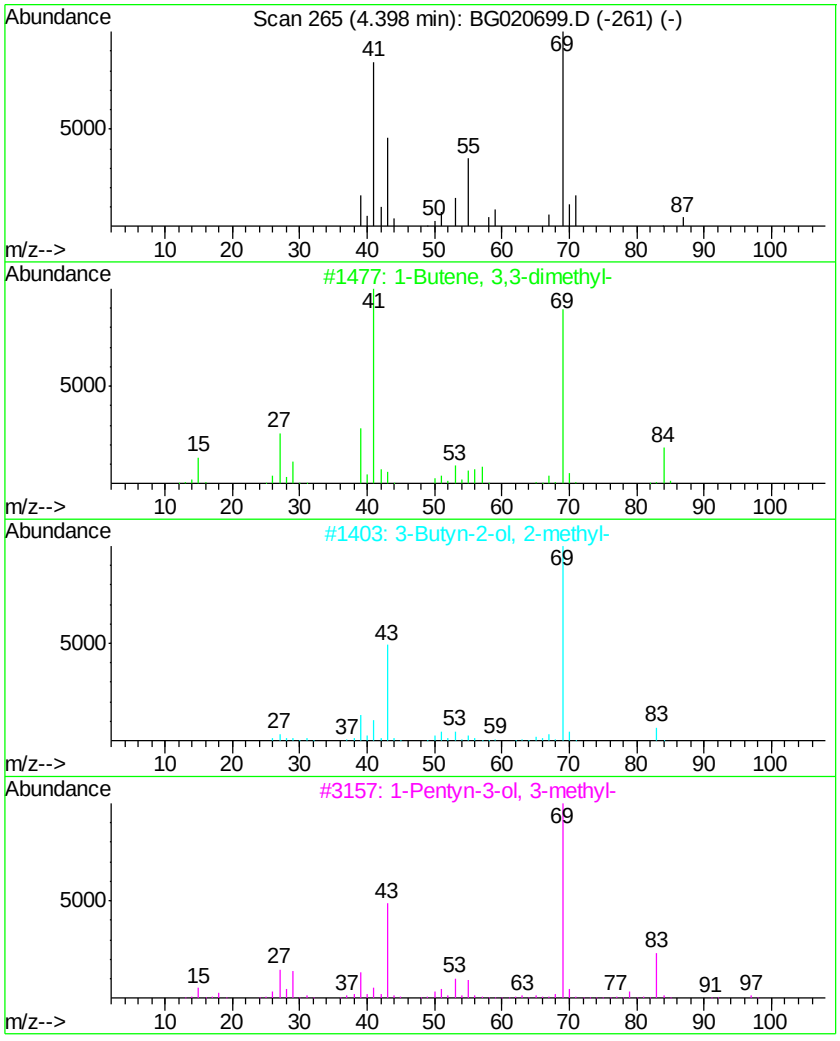
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

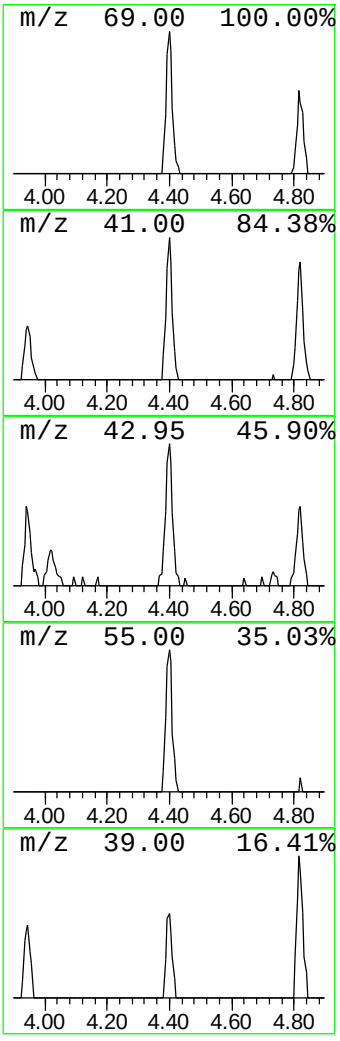
****

Peak Number 4 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	7.84 ng/ul	28334	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	40
2	3-Butyn-2-ol, 2-methyl-	84	C5H8O	000115-19-5	38
3	1-Pentyn-3-ol, 3-methyl-	98	C6H10O	000077-75-8	28
4	3-Butyn-2-ol, 2-methyl-	84	C5H8O	000115-19-5	9
5	1-Octyn-4-ol	126	C8H14O	052517-92-7	9





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Sample : H1094-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC960

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

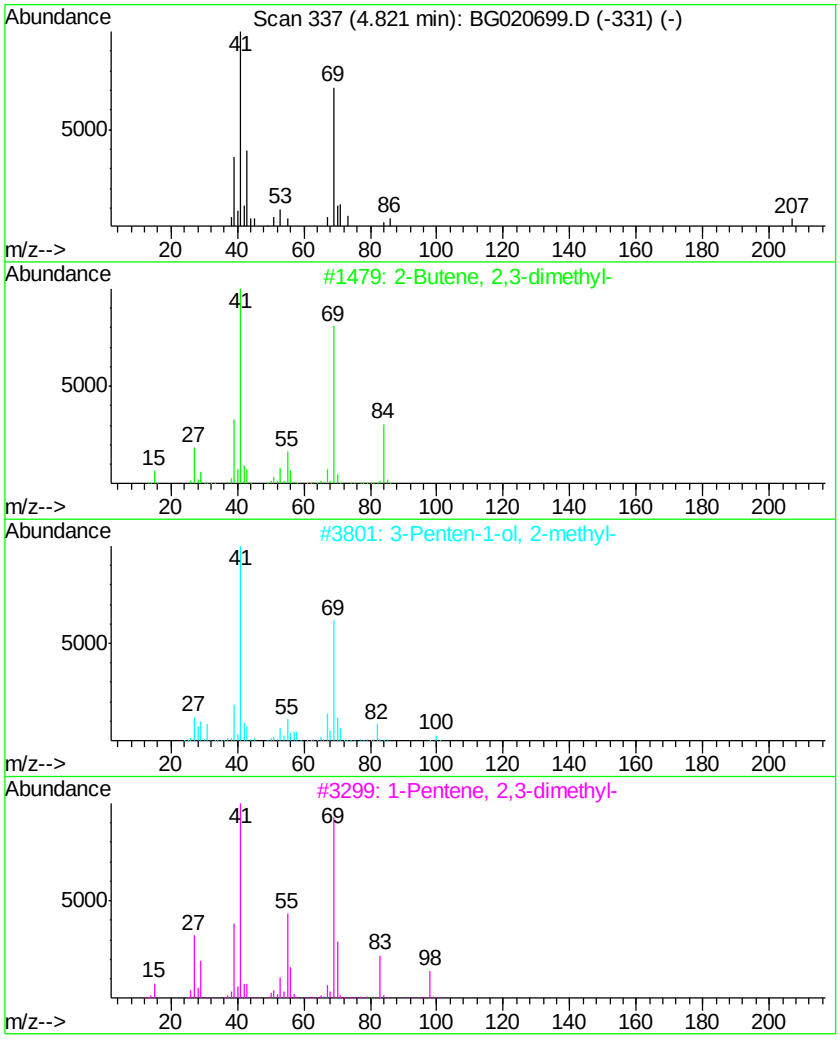
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

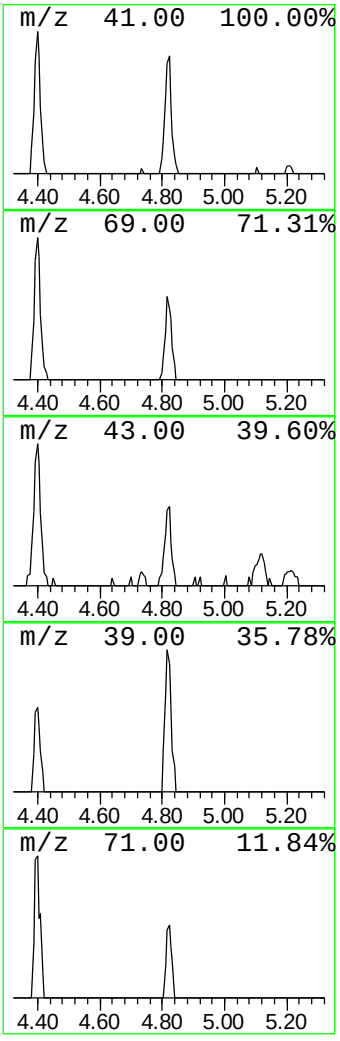
****

Peak Number 5 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	5.15 ng/ul	18614	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	47
2	3-Penten-1-ol, 2-methyl-	100	C6H12O	062238-37-3	39
3	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	38
4	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	36
5	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	28





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Acq On : 13 Jan 2016 9:46
Operator : SJ/IZ
Sample : H1094-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC960

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

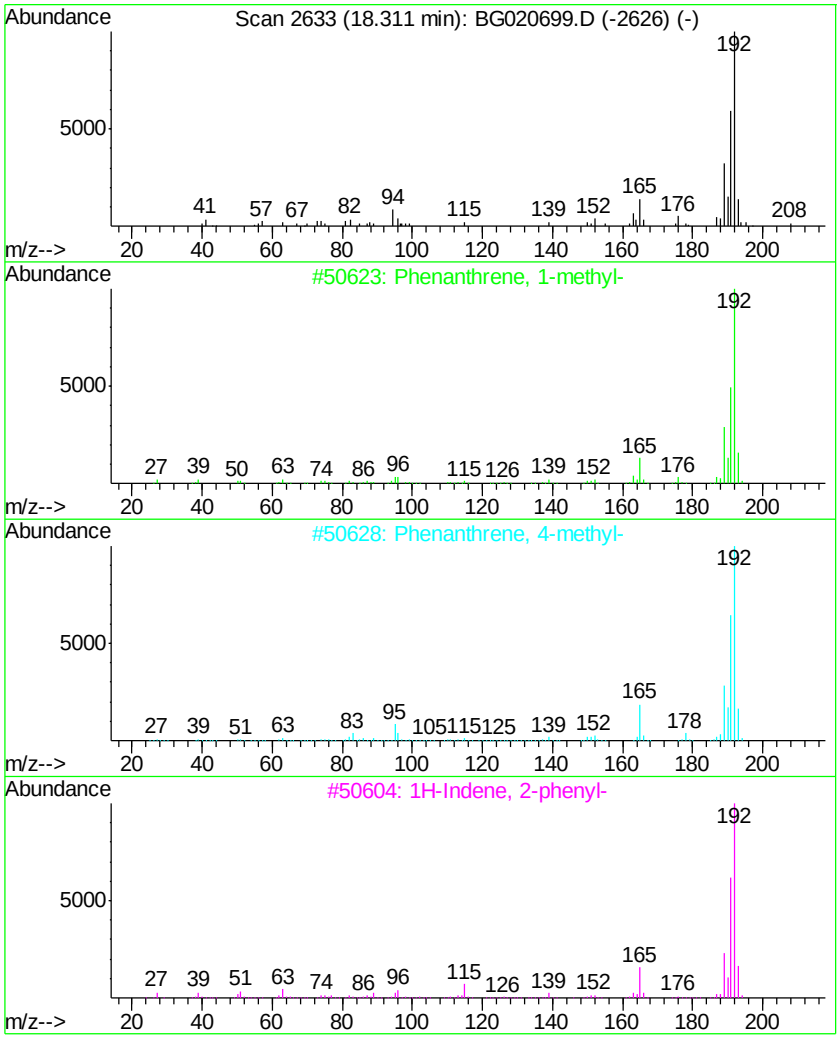
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

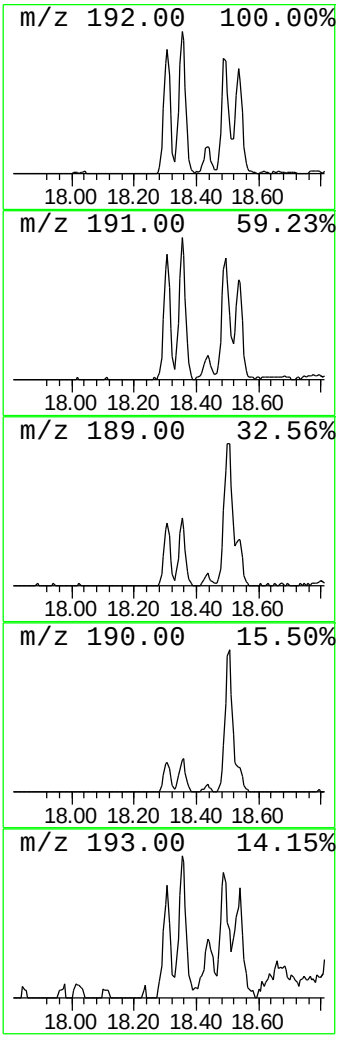
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	5.21 ng/ul	72529	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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Data File : BG020699.D
Acq On : 13 Jan 2016 9:46
Operator : SJ/IZ
Sample : H1094-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC960

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

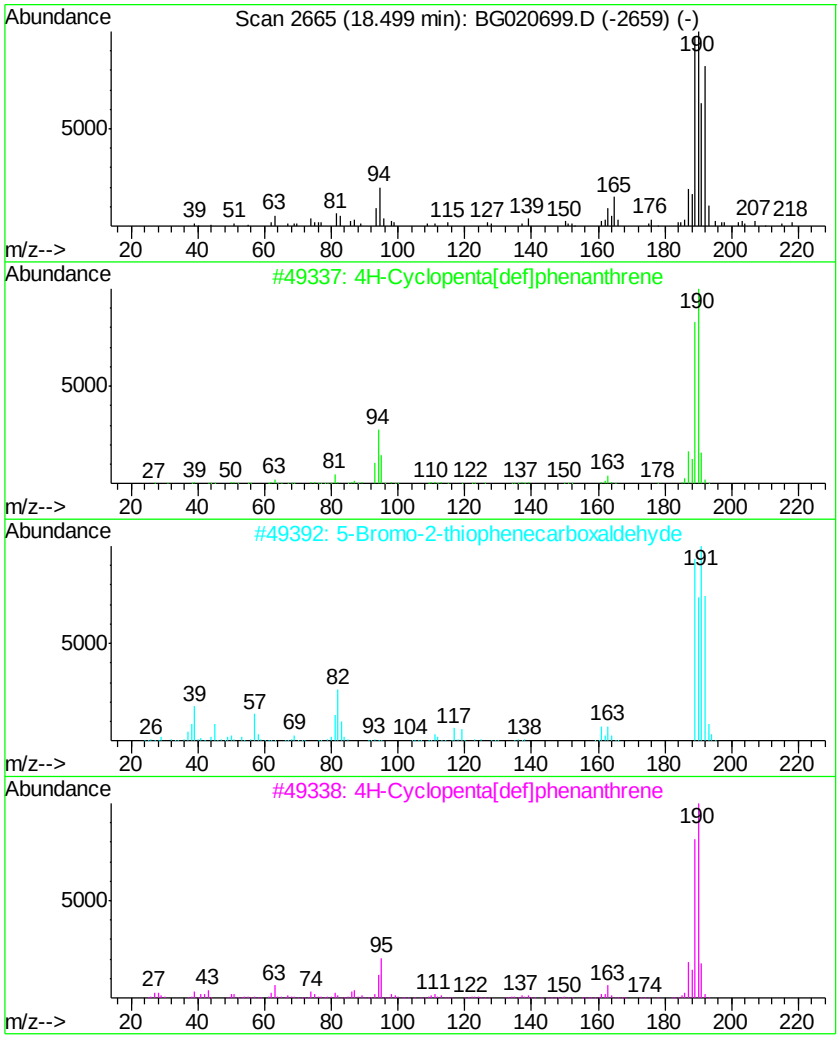
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

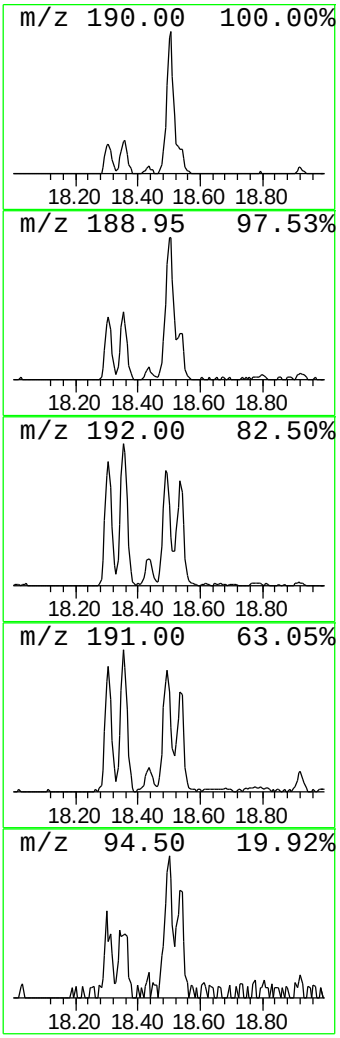
****

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	7.87 ng/ul	109458	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	53
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
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Acq On : 13 Jan 2016 9:46
Operator : SJ/IZ
Sample : H1094-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC960

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

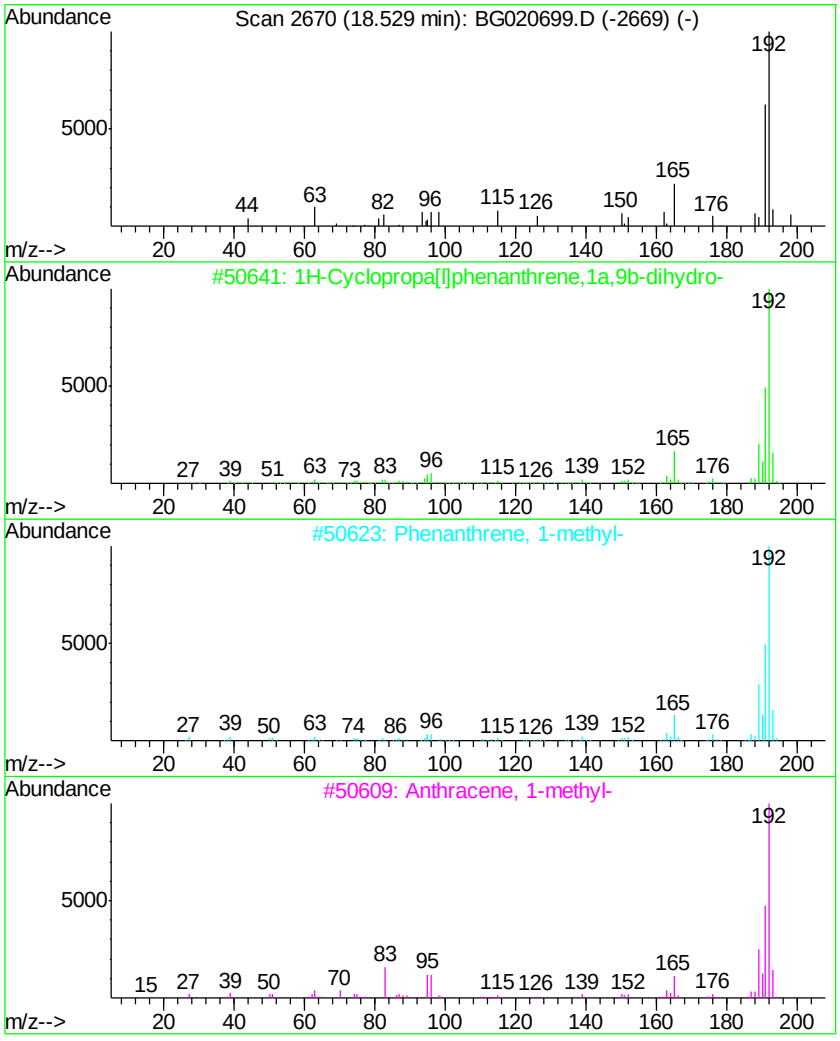
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

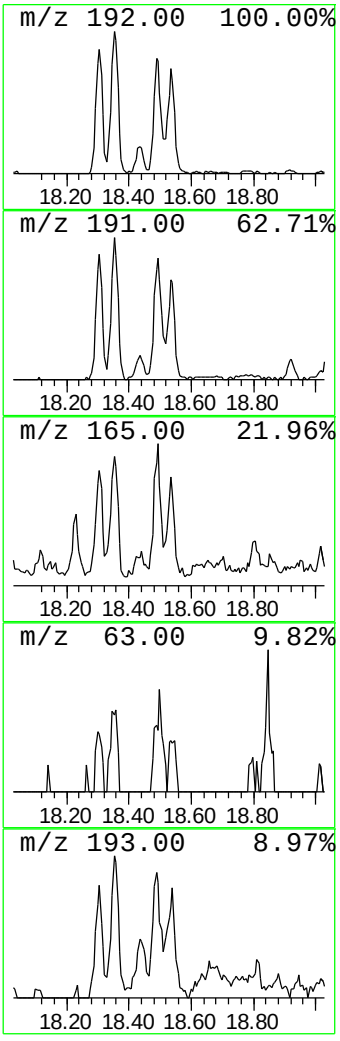
****

Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	3.50 ng/ul	48707	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72





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Acq On : 13 Jan 2016 9:46
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Sample : H1094-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC960

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

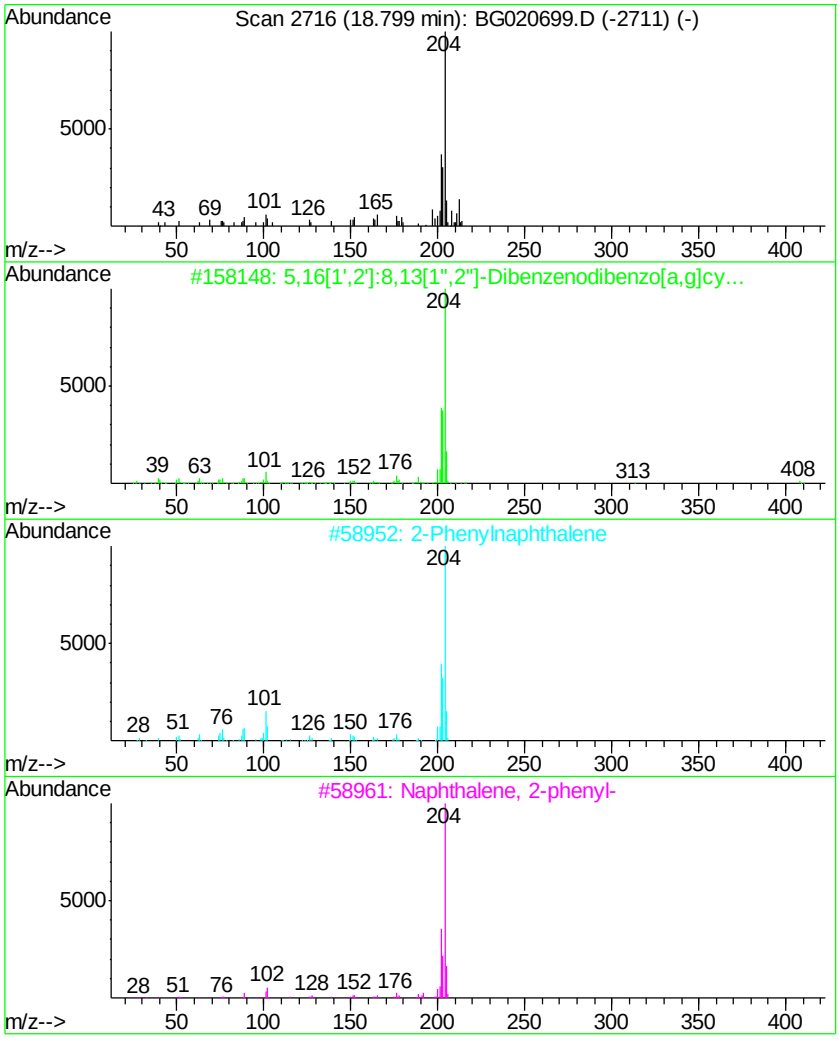
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

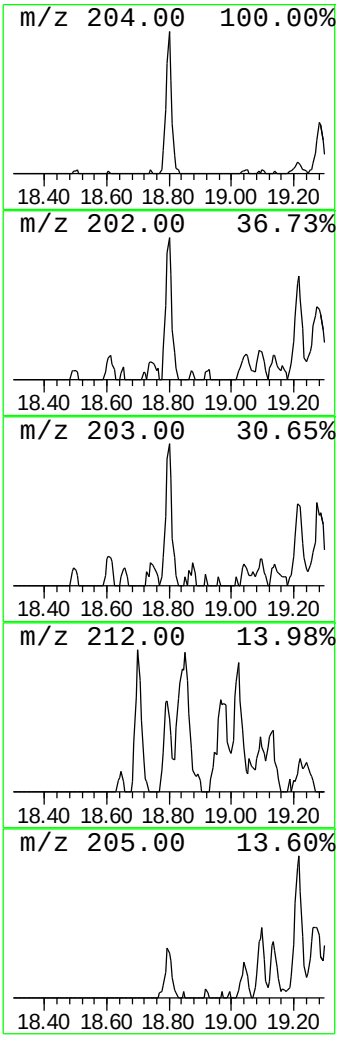
****

Peak Number 10 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	2.87 ng/ul	39869	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	64
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58





Library Search Compound Report

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Data File : BG020699.D
Acq On : 13 Jan 2016 9:46
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Sample : H1094-09
Misc :
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Instrument : BNA_G
ClientSampleId : BC960

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

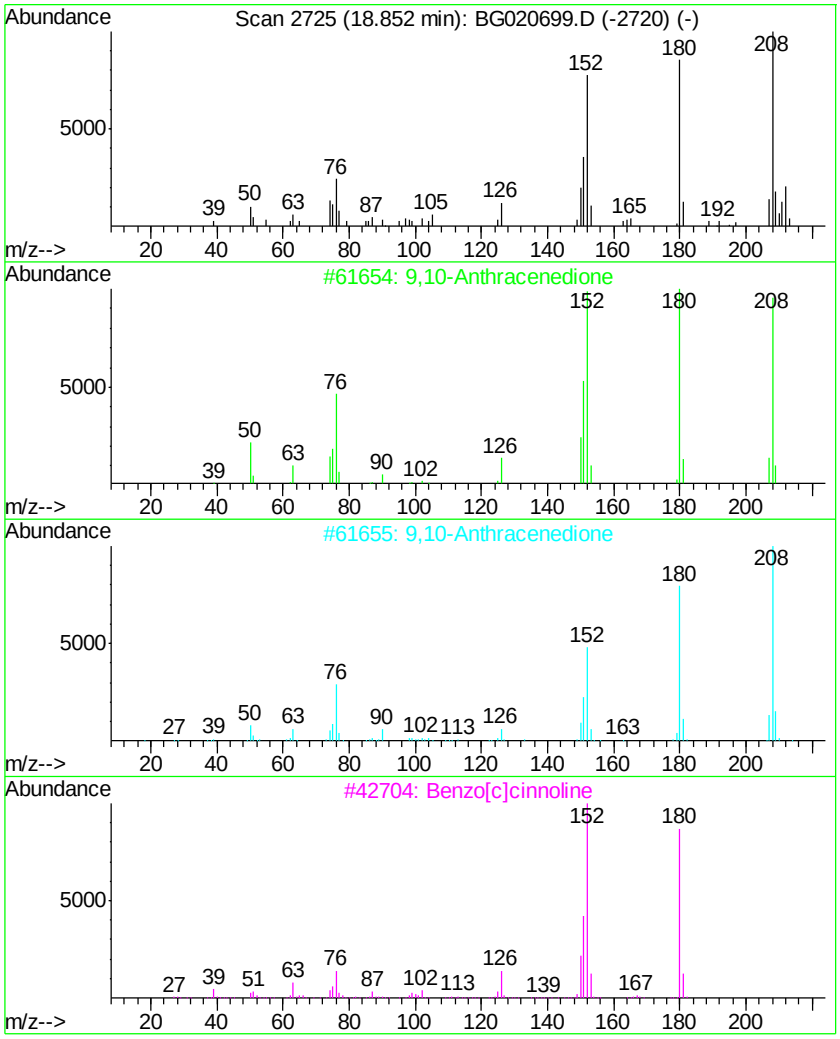
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

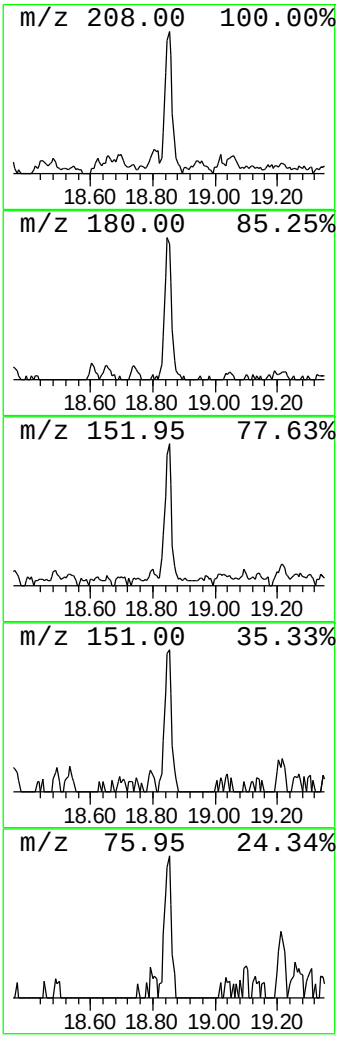
****

Peak Number 11 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	4.37 ng/ul	60839	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	78
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	76





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Misc :
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Instrument : BNA_G
ClientSampleId : BC960

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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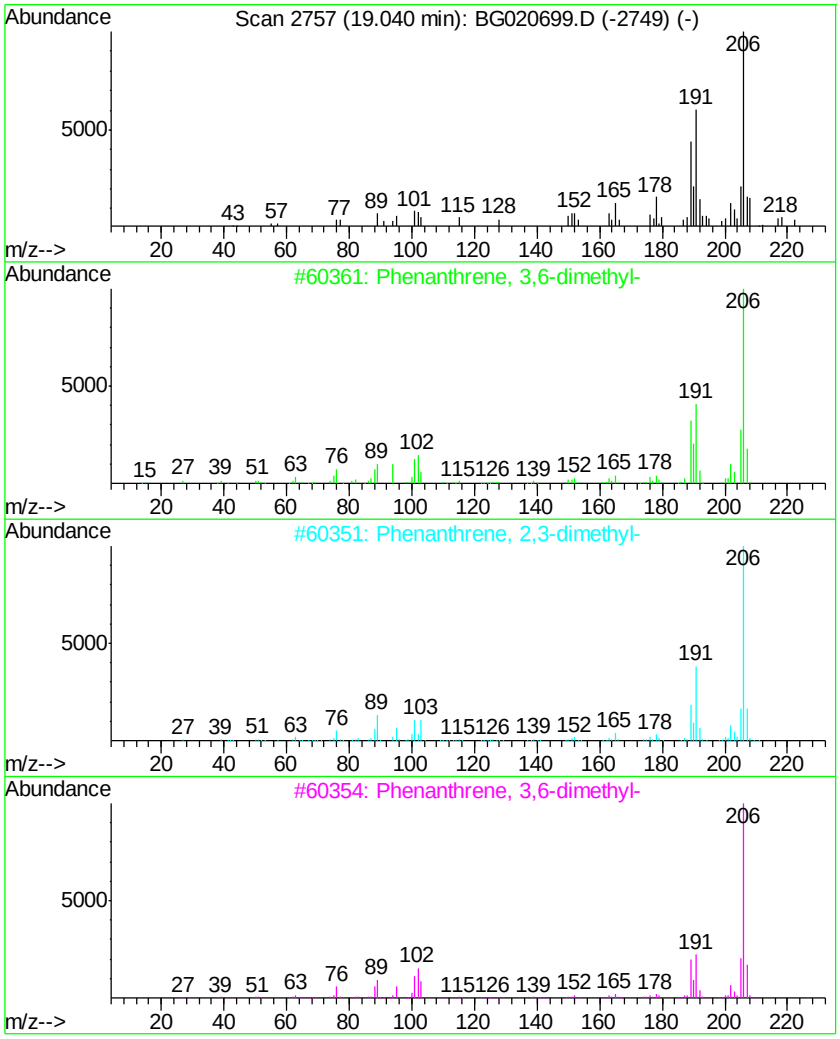
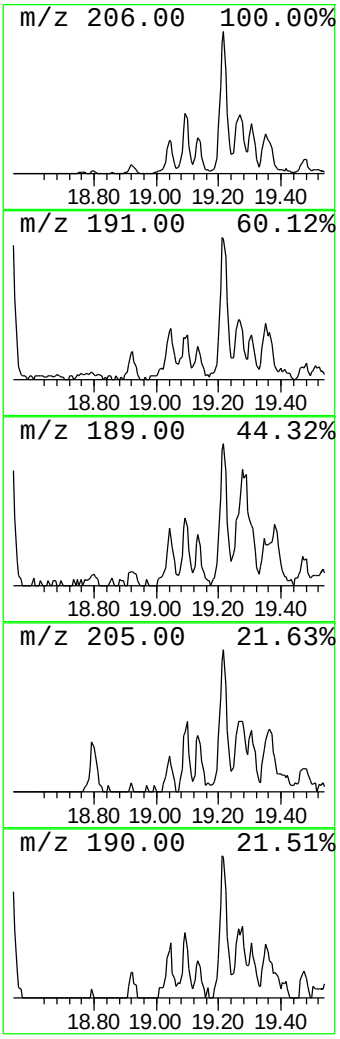
Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	2.99 ng/ul	41542	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	89





Library Search Compound Report

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Operator : SJ/IZ
Sample : H1094-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC960

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

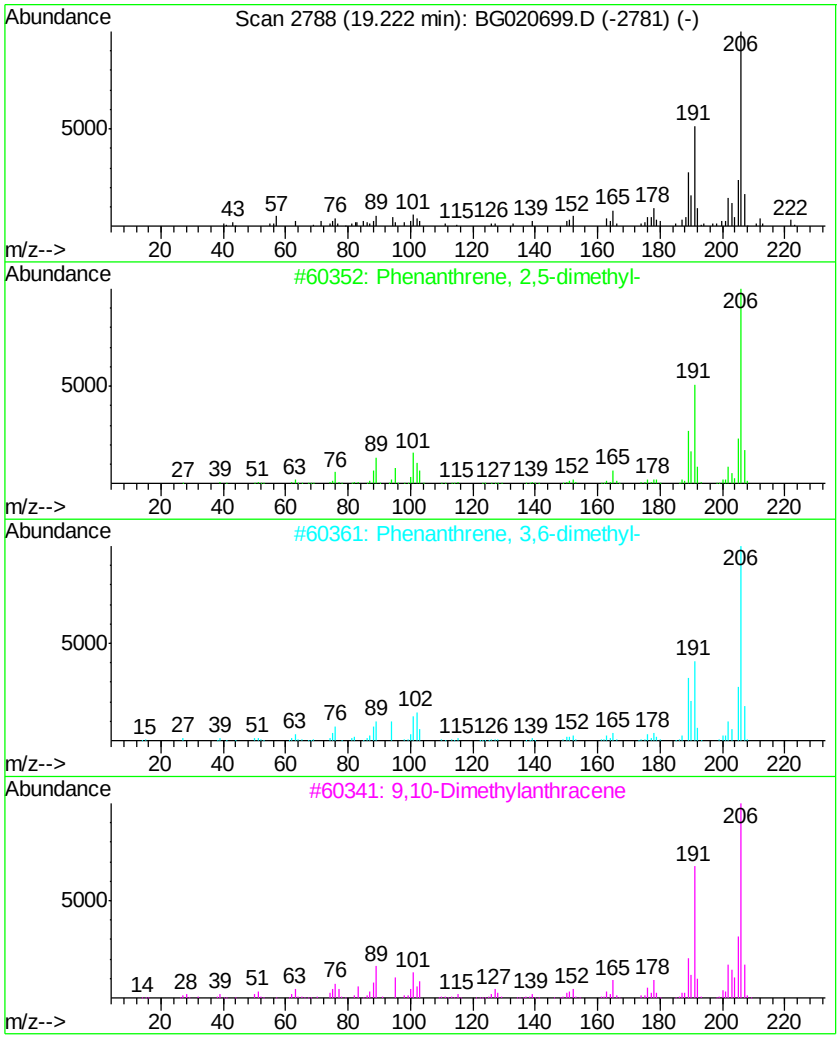
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

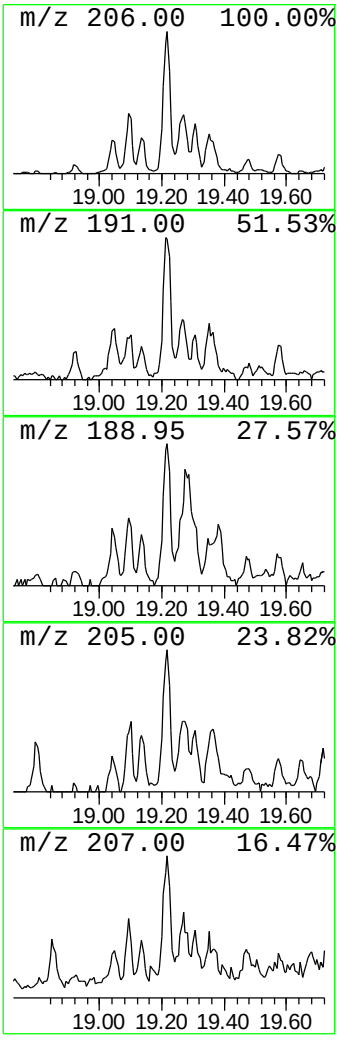
****

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	7.84 ng/ul	109080	Phenanthrene-d10	17.43

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





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Sample : H1094-09
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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC960

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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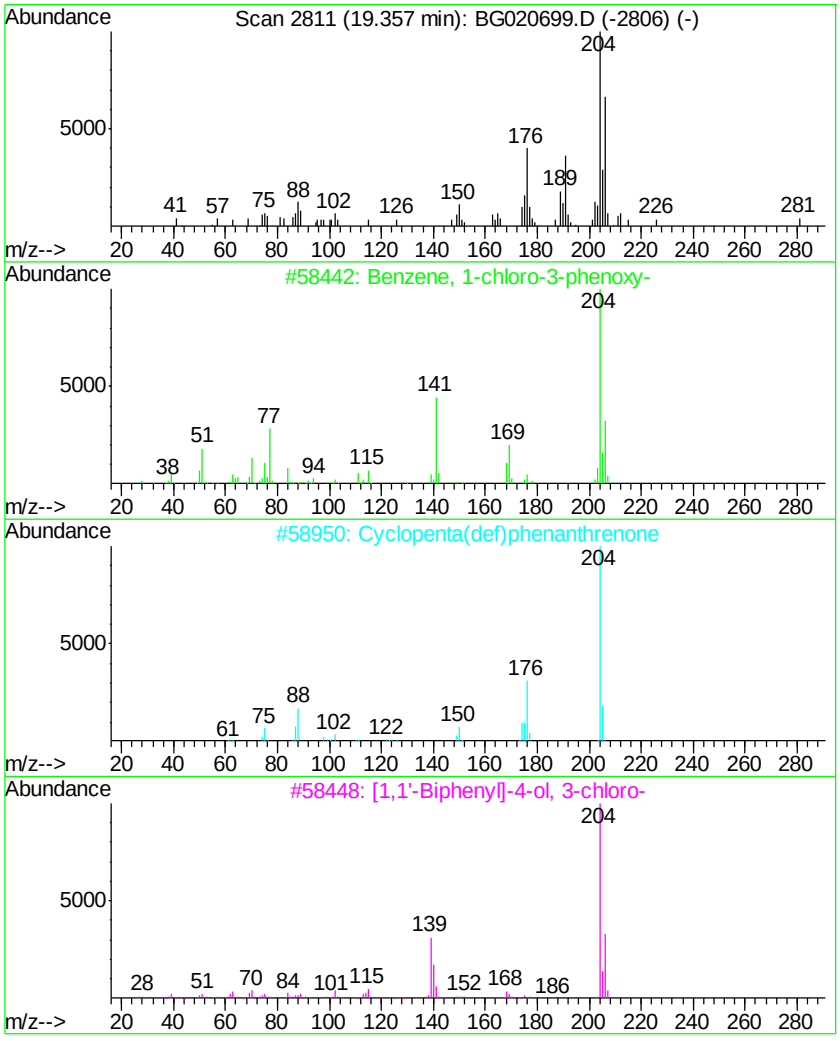
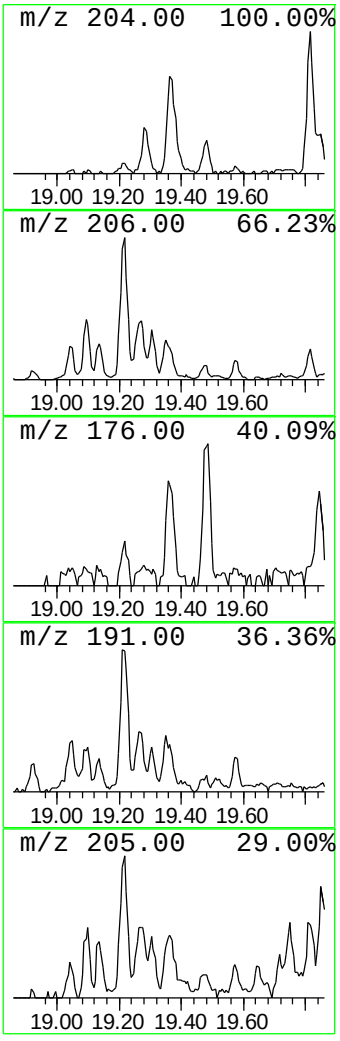
Peak Number 15 Benzene, 1-chloro-3-phenoxy- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	5.34 ng/ul	74311	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	53
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	50
3	[1,1'-Biphenyl]-4-ol, 3-chloro-	204	C12H9ClO	000092-04-6	49
4	Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	46
5	[1,1'-Biphenyl-4-ol], 2-chloro-	204	C12H9ClO	023719-22-4	43





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Sample : H1094-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC960

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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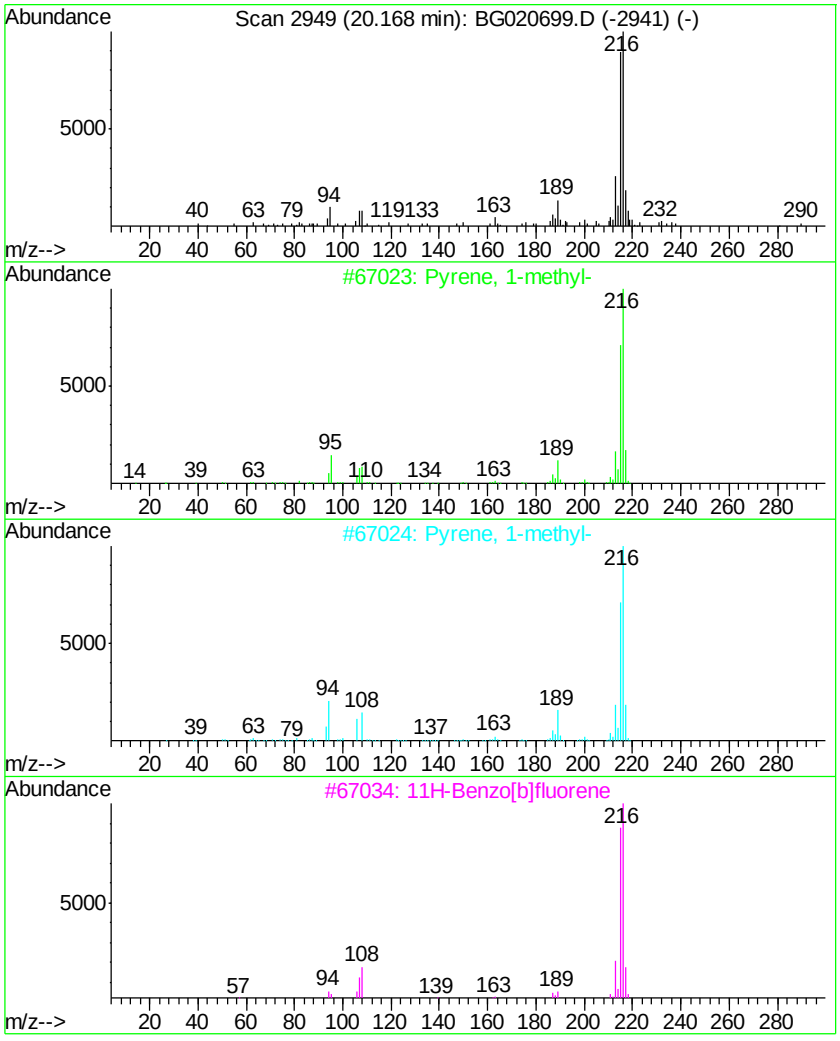
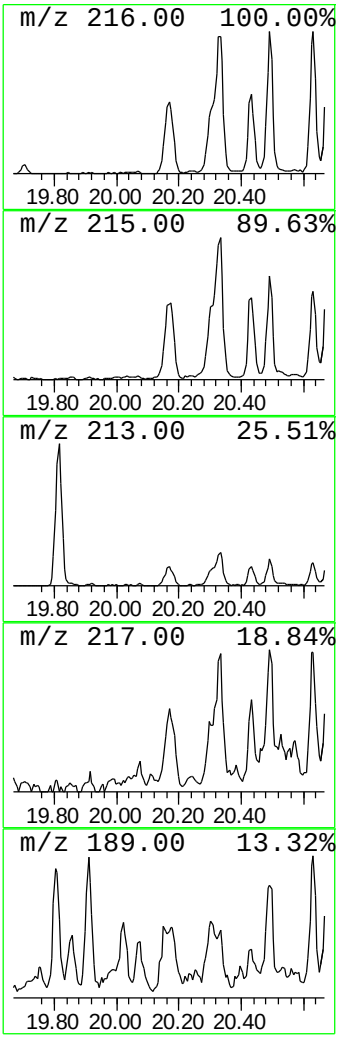
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	3.57 ng/ul	122922	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Instrument : BNA_G
ClientSampleId : BC960

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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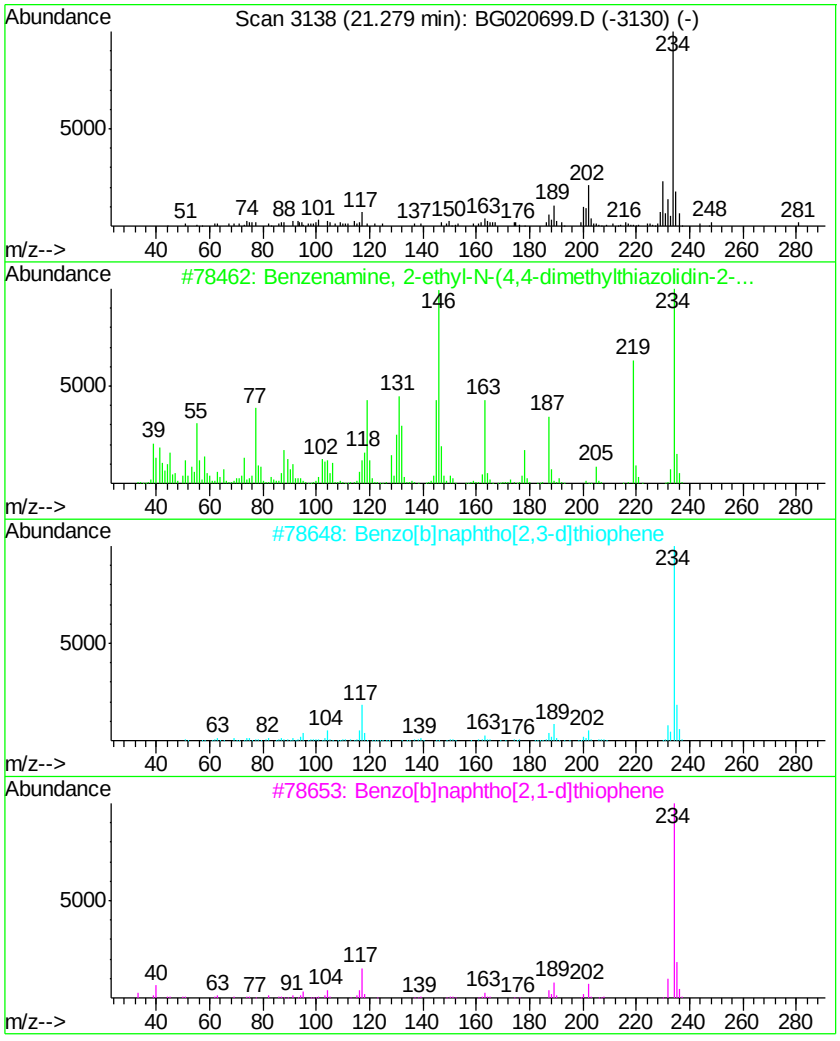
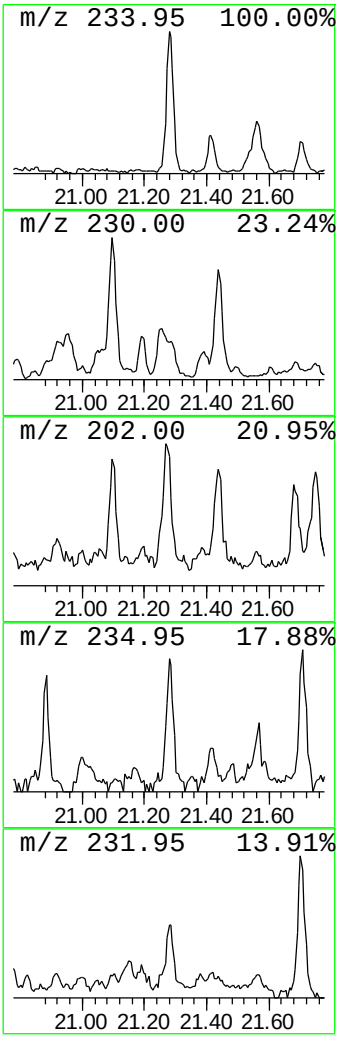
Peak Number 20 Benzenamine, 2-ethyl-N-(4,4... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	3.29 ng/ul	113431	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2-ethyl-N-(4,4-dime...	234	C13H18N2S	1000272-26-2	87
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	64
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	62
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	62





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Instrument : BNA_G
ClientSampleId : BC960

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Quant Title : SVOA CALIBRATION

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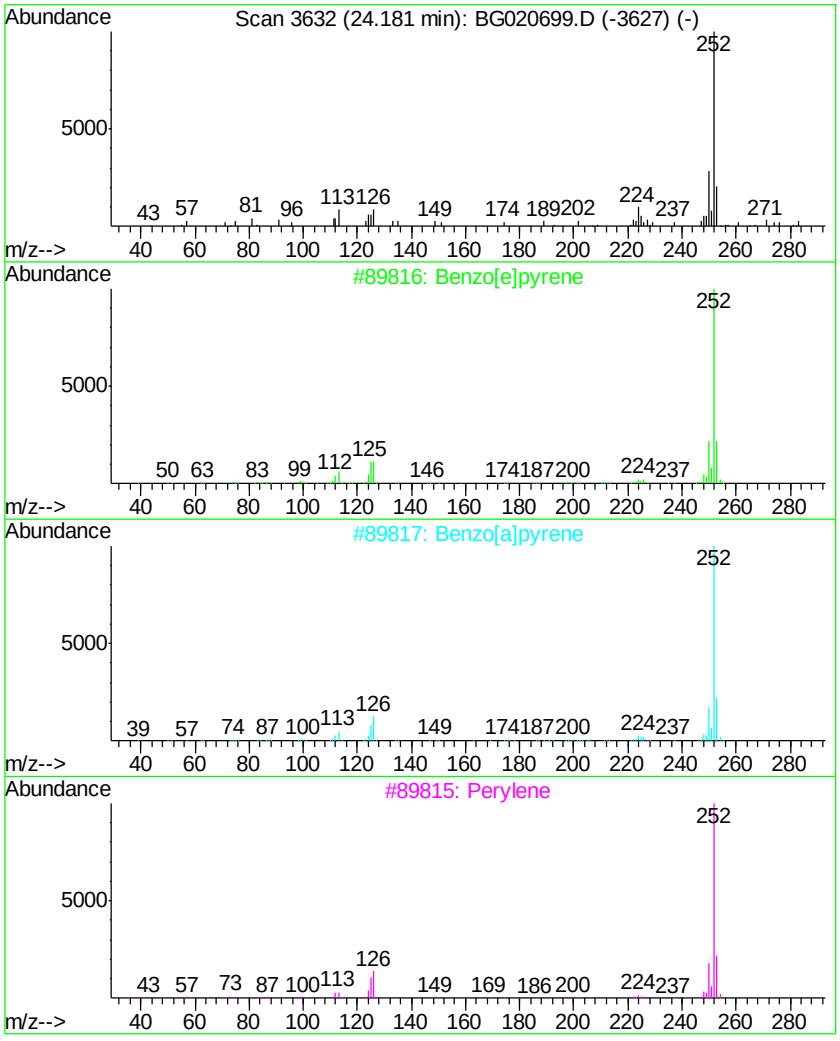
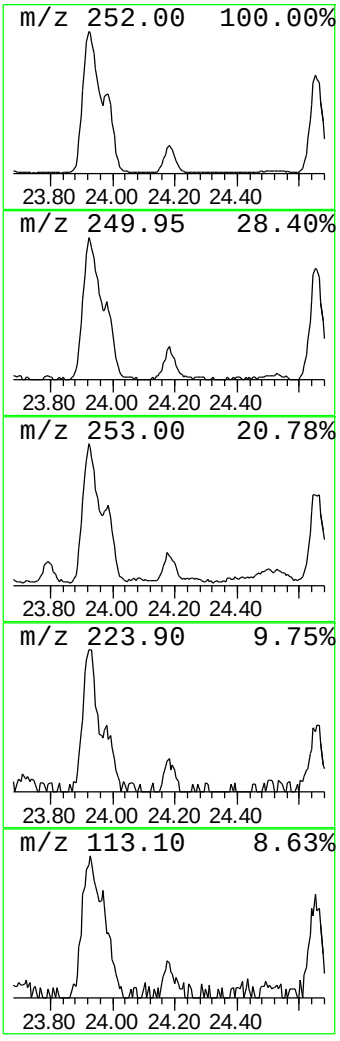
Peak Number 21 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.18	4.03 ng/ul	50573	Perylene-d12	24.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	68
2	Benzo[a]pyrene	252	C20H12	000050-32-8	68
3	Perylene	252	C20H12	000198-55-0	64
4	Benzo[a]pyrene	252	C20H12	000050-32-8	62
5	Benzo[e]pyrene	252	C20H12	000192-97-2	62





Library Search Compound Report

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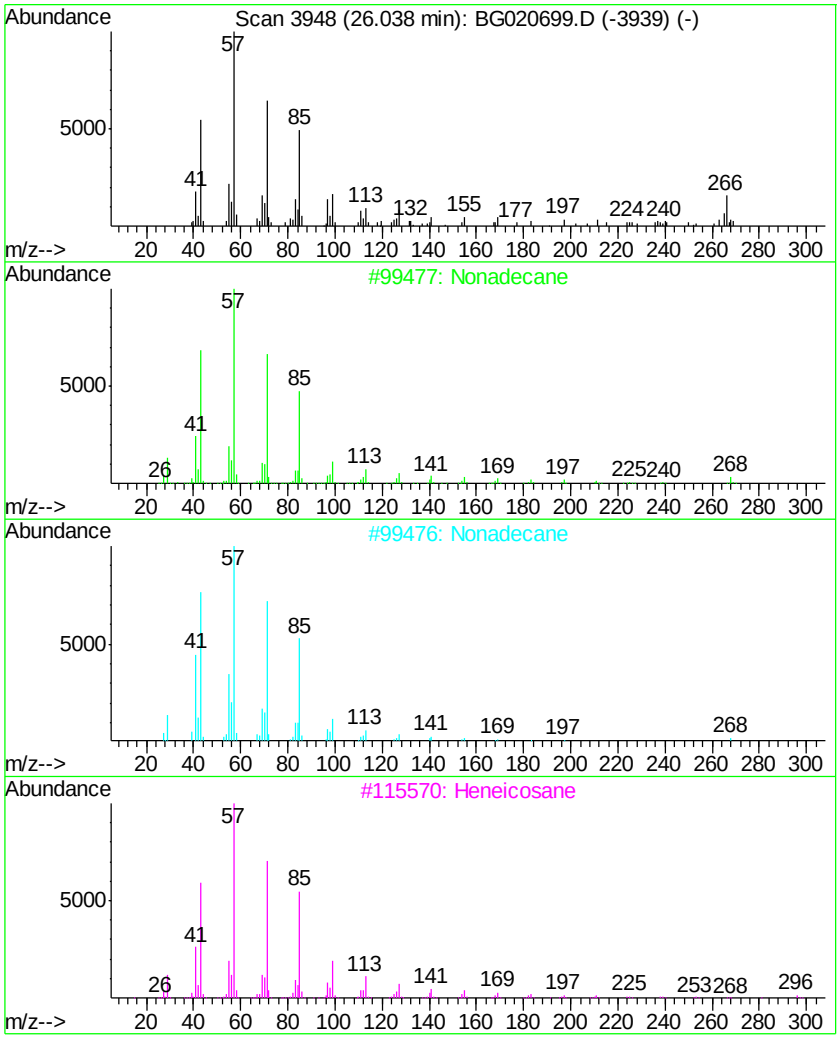
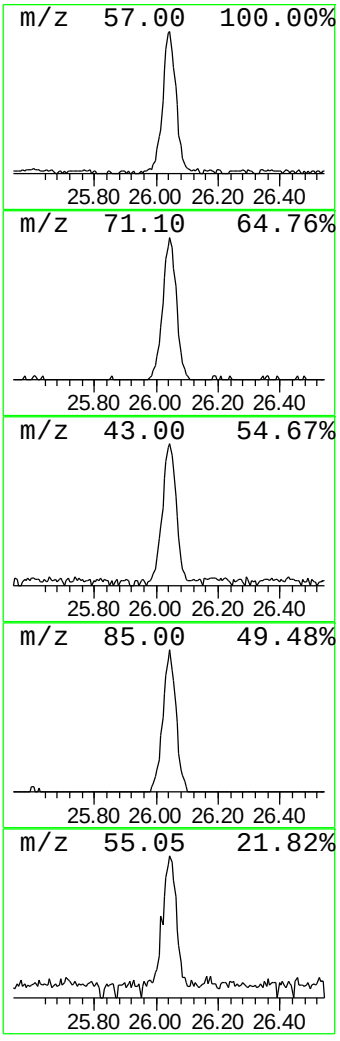
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.04	14.80 ng/ul	185730	Perylene-d12	24.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Nonadecane	268	C19H40	000629-92-5	94
3	Heneicosane	296	C21H44	000629-94-7	87
4	Triacontane	422	C30H62	000638-68-6	87
5	Octacosane	394	C28H58	000630-02-4	87





Tentatively Identified Compound (LSC) summary

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Data File : BG020699.D
Acq On : 13 Jan 2016 9:46
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.13	44.0	ng/ul	158943	1	8.04	72235	20.0
unknown-01	4.40	7.8	ng/ul	28334	1	8.04	72235	20.0
unknown-02	4.82	5.2	ng/ul	18614	1	8.04	72235	20.0
Phenanthrene, 1-m...	18.31	5.2	ng/ul	72529	4	17.43	278293	20.0
4H-Cyclopenta[def...	18.50	7.9	ng/ul	109458	4	17.43	278293	20.0
1H-Cyclopropa[l]p...	18.53	3.5	ng/ul	48707	4	17.43	278293	20.0
5,16[1',2']:8,13[...	18.80	2.9	ng/ul	39869	4	17.43	278293	20.0
9,10-Anthracenedione	18.85	4.4	ng/ul	60839	4	17.43	278293	20.0
Phenanthrene, 3,6...	19.04	3.0	ng/ul	41542	4	17.43	278293	20.0
Phenanthrene, 2,5...	19.22	7.8	ng/ul	109080	4	17.43	278293	20.0
Benzene, 1-chloro...	19.36	5.3	ng/ul	74311	4	17.43	278293	20.0
Pyrene, 1-methyl-	20.17	3.6	ng/ul	122922	5	21.70	689045	20.0
Benzenamine, 2-et...	21.28	3.3	ng/ul	113431	5	21.70	689045	20.0
Benzo[e]pyrene	24.18	4.0	ng/ul	50573	6	24.96	250955	20.0
(DEL) Alkane: Str...	26.04	14.8	ng/ul	185730	6	24.96	250955	20.0