LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017795.D
Acq On : 7 Jul 2015 14:22
Operator : TP/UM
Sample : G2860-04DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9DL

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-BG070615.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	2.811	17	21	25	rBV4	51130	78930	2.32%	0.197%
2	2.888	29	34	47	rVB	1052712	1412879	41.52%	3.533%
3	6.783	688	697	706	rVV	86202	159503	4.69%	0.399%
4	6.948	720	725	732	rBV	61894	98641	2.90%	0.247%
5	7.141	751	758	763	rBV	87873	138840	4.08%	0.347%
6	7.606	830	837	845	rBV	408505	639748	18.80%	1.600%
7	8.311	945	957	964	rBV	86745	153630	4.51%	0.384%
8	8.422	971	976	984	rVB	57317	93521	2.75%	0.234%
9	8.757	1027	1033	1039	rVB	79953	133003	3.91%	0.333%
10	9.474	1148	1155	1161	rVB2	67658	111943	3.29%	0.280%
11	10.009	1240	1246	1252	rBV	105413	172757	5.08%	0.432%
12	10.385	1301	1310	1315	rBV	619695	994470	29.22%	2.486%
13	10.432	1315	1318	1324	rVB	71639	110134	3.24%	0.275%
14	10.526	1329	1334	1340	rBV2	62209	102316	3.01%	0.256%
15	12.053	1589	1594	1601	rVB	29435	51350	1.51%	0.128%
16	13.581	1848	1854	1859	rBV3	26585	46988	1.38%	0.117%
17	13.675	1865	1870	1874	rVV	170811	237585	6.98%	0.594%
18	13.722	1874	1878	1882	rVB	51826	74171	2.18%	0.185%
19	13.945	1909	1916	1921	rBV	184370	296580	8.72%	0.742%
20	13.980	1921	1922	1933	rVV2	45018	55677	1.64%	0.139%
21	14.263	1961	1970	1976	rBV2	860234	1383877	40.67%	3.460%
22	14.321	1976	1980	1989	rVB	103053	155381	4.57%	0.389%
23	14.462	1997	2004	2015	rBV3	65335	120354	3.54%	0.301%
24	14.662	2032	2038	2045	rVB	82025	127742	3.75%	0.319%
25	15.255	2134	2139	2144	rBV	233759	318128	9.35%	0.795%
26	15.314	2144	2149	2154	rVB	120545	174122	5.12%	0.435%
27	15.608	2194	2199	2206	rVB3	36759	64935	1.91%	0.162%
28	15.755	2220	2224	2231	rVV3	36577	80611	2.37%	0.202%
29	15.990	2260	2264	2269	rBV7	32050	55304	1.63%	0.138%
30	16.319	2309	2320	2325	rVV8	34017	97060	2.85%	0.243%
31	16.366	2325	2328	2333	rVV4	24610	42257	1.24%	0.106%
32	16.548	2356	2359	2362	rVV4	23939	38860	1.14%	0.097%
33	16.589	2362	2366	2370	rVV3	28975	51779	1.52%	0.129%
34	16.666	2374	2379	2385	rVV	87050	129509	3.81%	0.324%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017795.D
Acq On : 7 Jul 2015 14:22
Operator : TP/UM
Sample : G2860-04DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9DL

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-BG070615.M
Title : SVOA CALIBRATION

35	16.742	2386	2392	2394	rVV2	27224	38828	1.14%	0.097%
36	16.830	2403	2407	2415	rVB	63420	108007	3.17%	0.270%
37	17.012	2432	2438	2441	rBV	1074850	1523872	44.78%	3.810%
38	17.053	2441	2445	2450	rVV	1542281	2171240	63.80%	5.429%
39	17.112	2450	2455	2458	rVV2	254538	413861	12.16%	1.035%
40	17.142	2458	2460	2466	rVV	256708	336059	9.88%	0.840%
41	17.200	2466	2470	2476	rVB3	29946	49906	1.47%	0.125%
42	17.418	2503	2507	2511	rVB	88983	113242	3.33%	0.283%
43	17.535	2522	2527	2532	rVB3	52085	76184	2.24%	0.190%
44	17.594	2532	2537	2542	rBV3	44152	65326	1.92%	0.163%
45	17.888	2578	2587	2591	rBV	197916	311523	9.15%	0.779%
46	17.935	2591	2595	2601	rVV	248146	374597	11.01%	0.937%
47	18.017	2603	2609	2613	rBV	81890	132858	3.90%	0.332%
48	18.082	2613	2620	2624	rBV2	305218	534814	15.72%	1.337%
49	18.123	2624	2627	2631	rVB	155571	201020	5.91%	0.503%
50	18.399	2670	2674	2677	rVV	173808	238354	7.00%	0.596%
51	18.434	2677	2680	2686	rVB2	167881	218086	6.41%	0.545%
52	18.646	2712	2716	2720	rVV3	63279	91345	2.68%	0.228%
53	18.698	2720	2725	2727	rVV	46629	71384	2.10%	0.178%
54	18.734	2727	2731	2734	rVB3	53124	70647	2.08%	0.177%
55	18.816	2740	2745	2751	rBV	146159	237644	6.98%	0.594%
56	18.881	2751	2756	2759	rVV4	68430	134392	3.95%	0.336%
57	18.910	2759	2761	2765	rVB2	39642	42810	1.26%	0.107%
58	18.957	2765	2769	2777	rBV3	129903	230901	6.79%	0.577%
59	19.080	2785	2790	2796	rVB	2312088	3161506	92.90%	7.905%
60	19.151	2799	2802	2805	rVV2	31954	47598	1.40%	0.119%
61	19.180	2805	2807	2812	rVB4	47800	62503	1.84%	0.156%
62	19.233	2812	2816	2819	rVB2	48516	62111	1.83%	0.155%
63	19.280	2819	2824	2828	rBV3	46682	89068	2.62%	0.223%
64	19.327	2828	2832	2836	rVB	56586	68179	2.00%	0.170%
65	19.445	2848	2852	2860	rVB	2200067	3213496	94.43%	8.035%
66	19.515	2860	2864	2872	rVB2	91358	168048	4.94%	0.420%
67	19.627	2878	2883	2887	rBV2	96828	140291	4.12%	0.351%
68	19.686	2889	2893	2898	rVB3	84381	127318	3.74%	0.318%
69	19.780	2902	2909	2914	rBV5	151364	360687	10.60%	0.902%
70	19.909	2926	2931	2933	rBV3	118418	192606	5.66%	0.482%
71	19.944	2934	2937	2941	rVB2	223308	296172	8.70%	0.741%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017795.D
Acq On : 7 Jul 2015 14:22
Operator : TP/UM
Sample : G2860-04DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9DL

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-BG070615.M
Title : SVOA CALIBRATION

72	19.985	2942	2944	2948	rBV5	33793	40574	1.19%	0.101%
73	20.044	2950	2954	2958	rBV	119014	146792	4.31%	0.367%
74	20.097	2958	2963	2968	rVV3	218336	354023	10.40%	0.885%
75	20.144	2968	2971	2975	rVB2	56531	66059	1.94%	0.165%
76	20.185	2975	2978	2983	rBV5	35750	54668	1.61%	0.137%
77	20.244	2984	2988	2991	rVV	129508	166105	4.88%	0.415%
78	20.285	2991	2995	3001	rVB	132177	194658	5.72%	0.487%
79	20.690	3060	3064	3071	rVB	222876	317738	9.34%	0.794%
80	20.861	3086	3093	3096	rBV2	151289	296838	8.72%	0.742%
81	20.896	3096	3099	3102	rVV	198683	245865	7.22%	0.615%
82	20.937	3102	3106	3111	rVV2	208028	355192	10.44%	0.888%
83	20.990	3111	3115	3122	rVB	198979	302560	8.89%	0.756%
84	21.207	3146	3152	3156	rBV2	1742235	3403068	100.00%	8.509%
85	21.248	3156	3159	3166	rVB	1078566	1452341	42.68%	3.631%
86	21.366	3176	3179	3184	rBV	138082	179507	5.27%	0.449%
87	21.413	3185	3187	3193	rVV5	51193	87700	2.58%	0.219%
88	21.525	3202	3206	3211	rBV2	85452	137061	4.03%	0.343%
89	21.701	3234	3236	3239	rBV2	49177	54073	1.59%	0.135%
90	21.760	3242	3246	3251	rVV	205213	280736	8.25%	0.702%
91	21.813	3251	3255	3261	rVB2	139576	184219	5.41%	0.461%
92	21.953	3275	3279	3282	rBV	111509	162913	4.79%	0.407%
93	21.983	3282	3284	3290	rVB4	98384	124254	3.65%	0.311%
94	22.776	3412	3419	3423	rBV	838900	1881819	55.30%	4.705%
95	22.941	3443	3447	3452	rVB	149634	218239	6.41%	0.546%
96	23.252	3494	3500	3505	rBV	497811	921223	27.07%	2.303%
97	23.346	3510	3516	3523	rVB	780271	1432896	42.11%	3.583%
98	23.446	3526	3533	3538	rVV	877705	1759648	51.71%	4.400%
99	23.493	3538	3541	3549	rVB2	204232	381032	11.20%	0.953%
100	25.696	3909	3916	3930	rVB2	337989	1014069	29.80%	2.535%

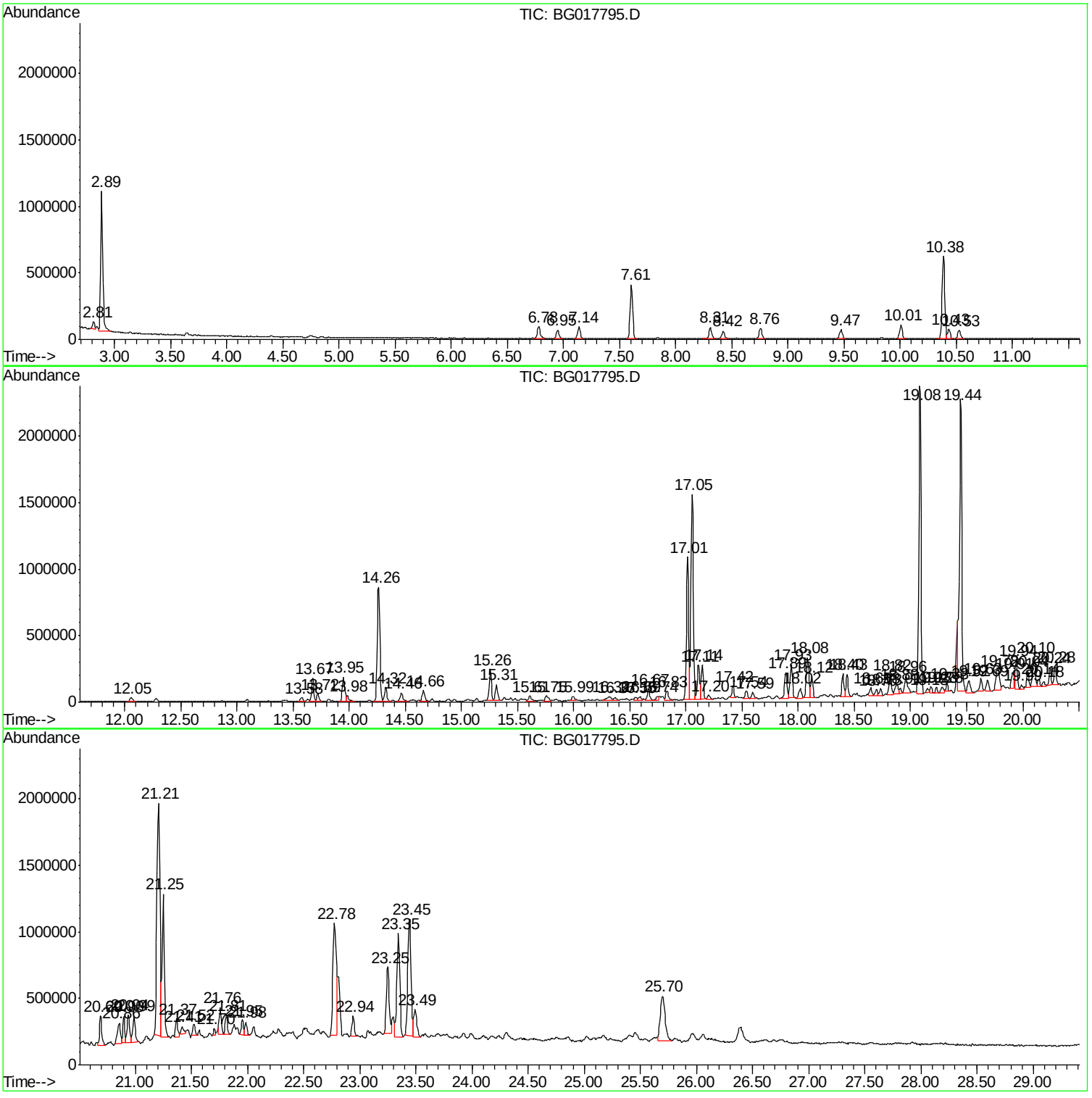
Sum of corrected areas: 39994938

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017795.D
Acq On : 7 Jul 2015 14:22
Operator : TP/UM
Sample : G2860-04DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G93H9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017795.D
Acq On : 7 Jul 2015 14:22
Operator : TP/UM
Sample : G2860-04DL 2X
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Instrument : BNA_G
ClientSampleId : G93H9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

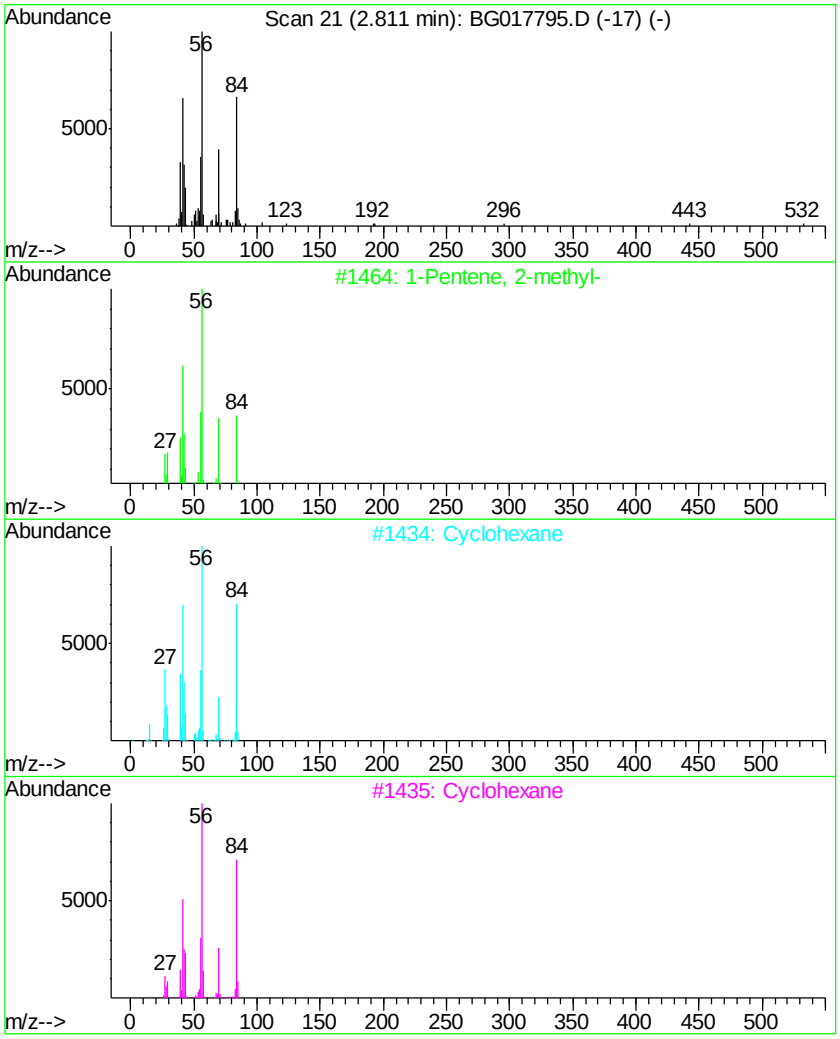
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

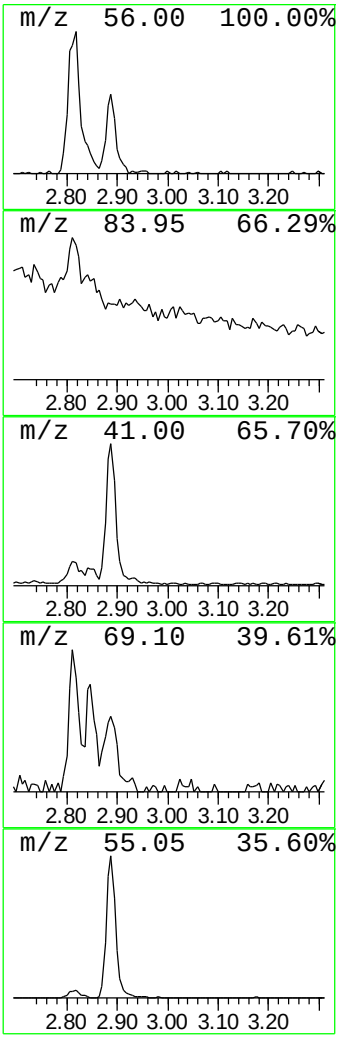
****

Peak Number 1 (DEL) Alkane: Cyclic2.81 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.81	2.47 ng/ul	78930	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	90
2	Cyclohexane	84	C6H12	000110-82-7	90
3	Cyclohexane	84	C6H12	000110-82-7	86
4	Cyclohexane	84	C6H12	000110-82-7	80
5	Cyclohexane	84	C6H12	000110-82-7	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017795.D
Acq On : 7 Jul 2015 14:22
Operator : TP/UM
Sample : G2860-04DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9DL

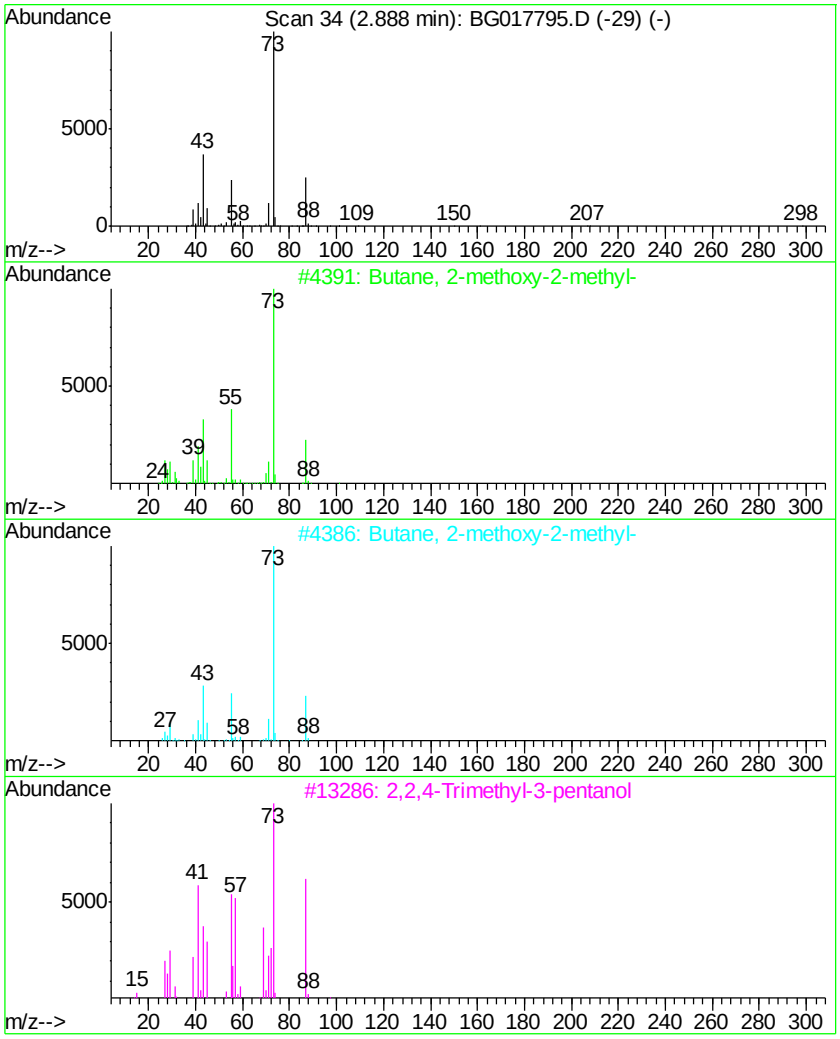
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

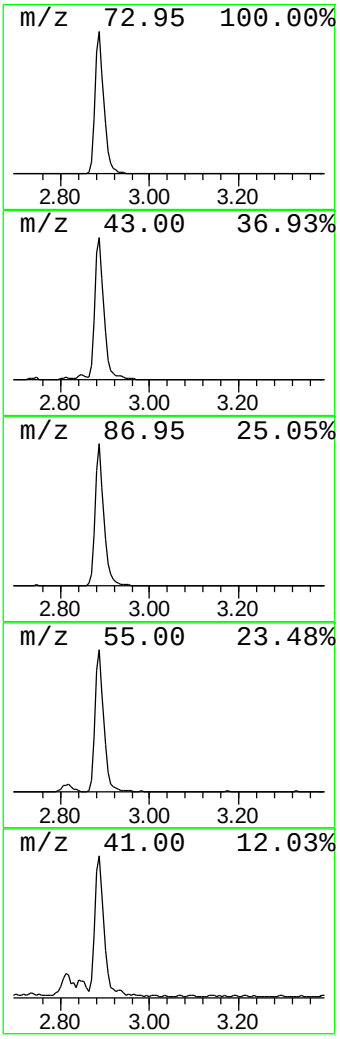
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	44.17 ng/ul	1412880	1,4-Dichlorobenzene-d4	7.61

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	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017795.D
Acq On : 7 Jul 2015 14:22
Operator : TP/UM
Sample : G2860-04DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

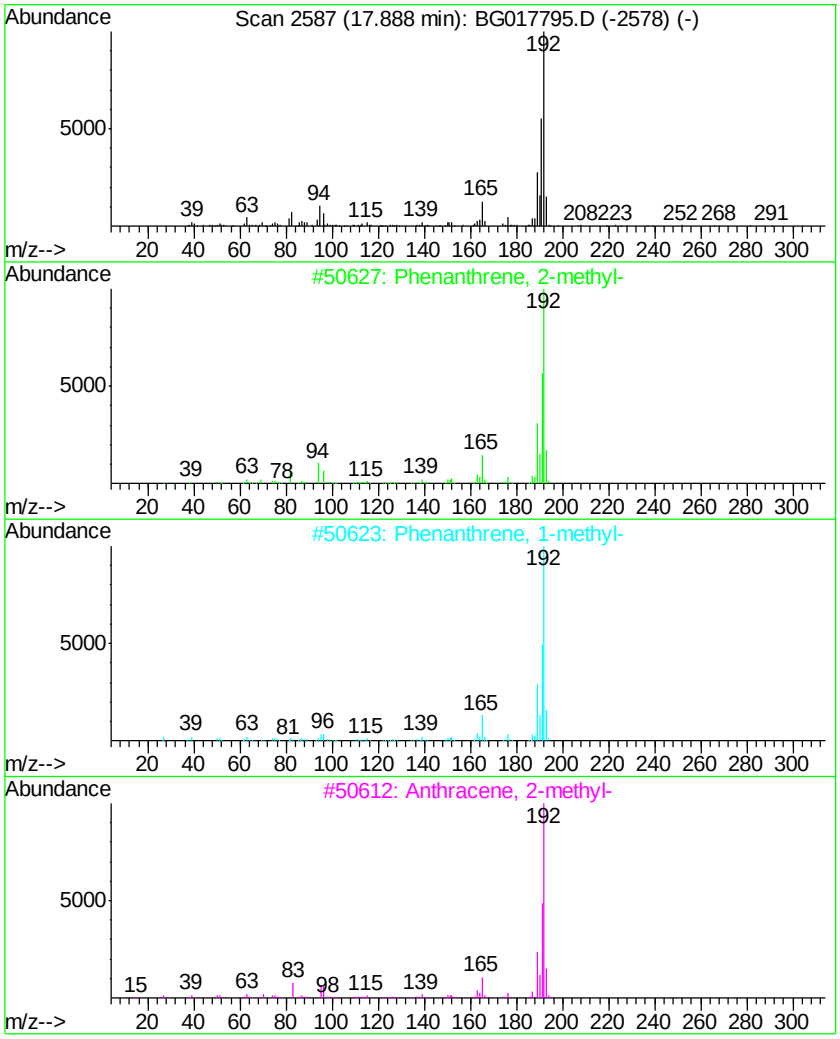
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

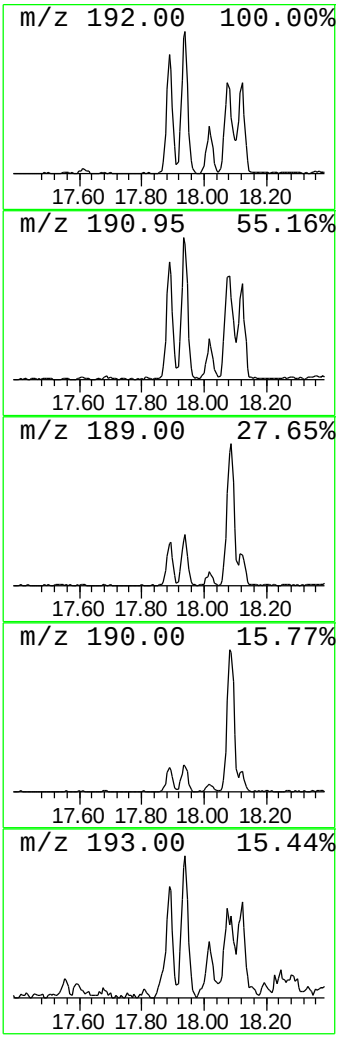
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	4.09 ng/ul	311523	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017795.D
Acq On : 7 Jul 2015 14:22
Operator : TP/UM
Sample : G2860-04DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

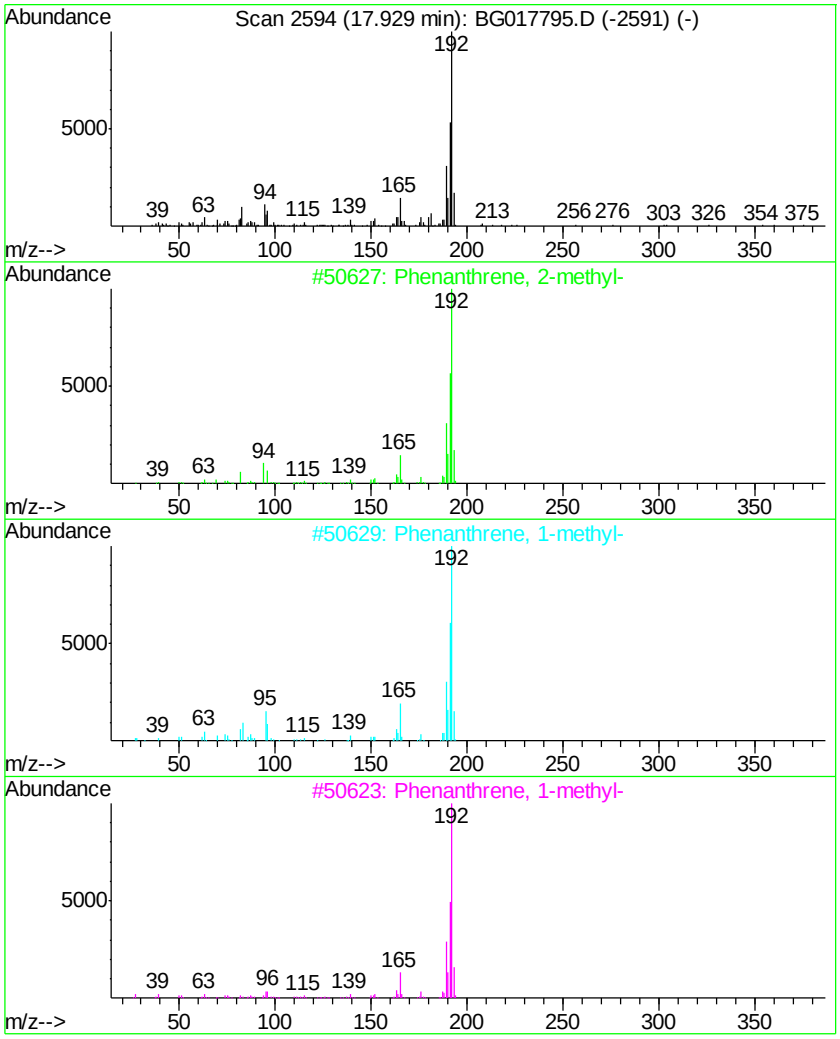
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

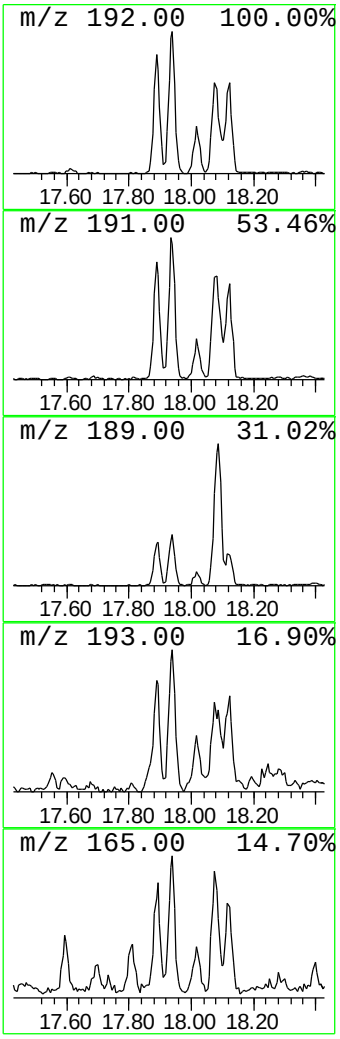
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	4.92 ng/ul	374597	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017795.D
Acq On : 7 Jul 2015 14:22
Operator : TP/UM
Sample : G2860-04DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

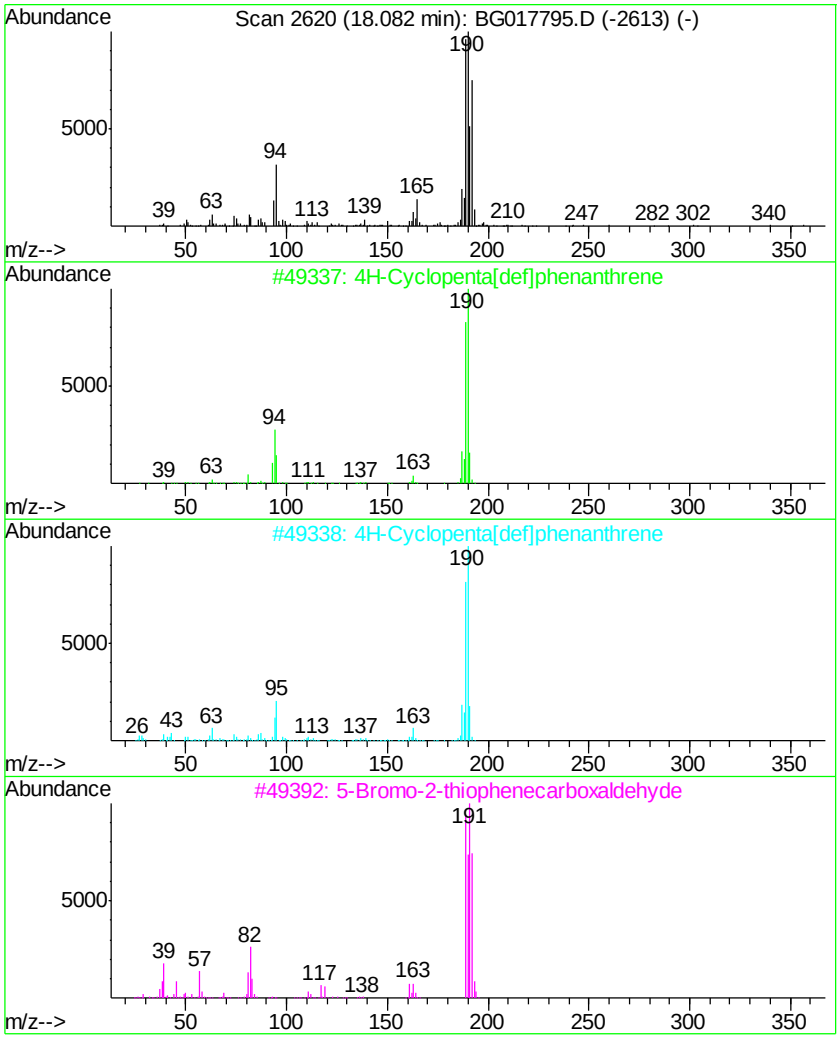
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

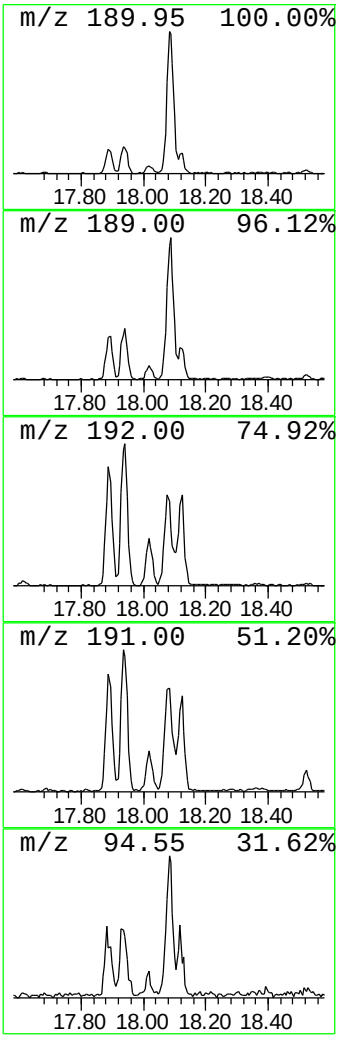
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	7.02 ng/ul	534814	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	53
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	27





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Data File : BG017795.D
Acq On : 7 Jul 2015 14:22
Operator : TP/UM
Sample : G2860-04DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

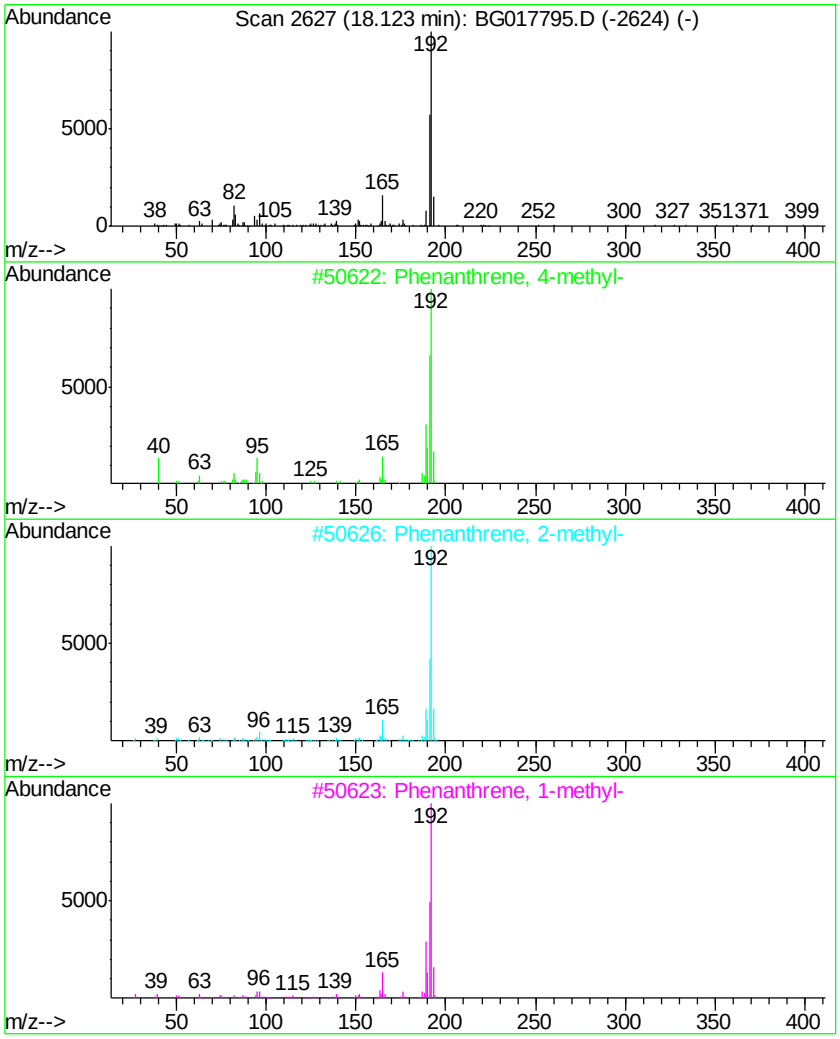
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

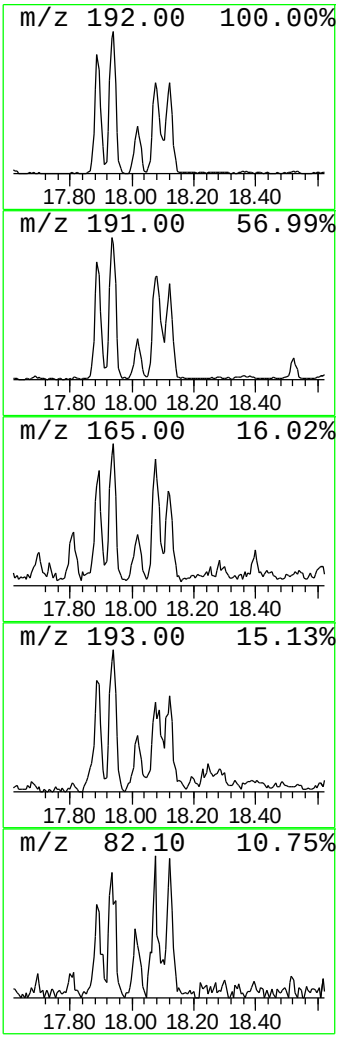
****

Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	2.64 ng/ul	201020	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





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Acq On : 7 Jul 2015 14:22
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Sample : G2860-04DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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

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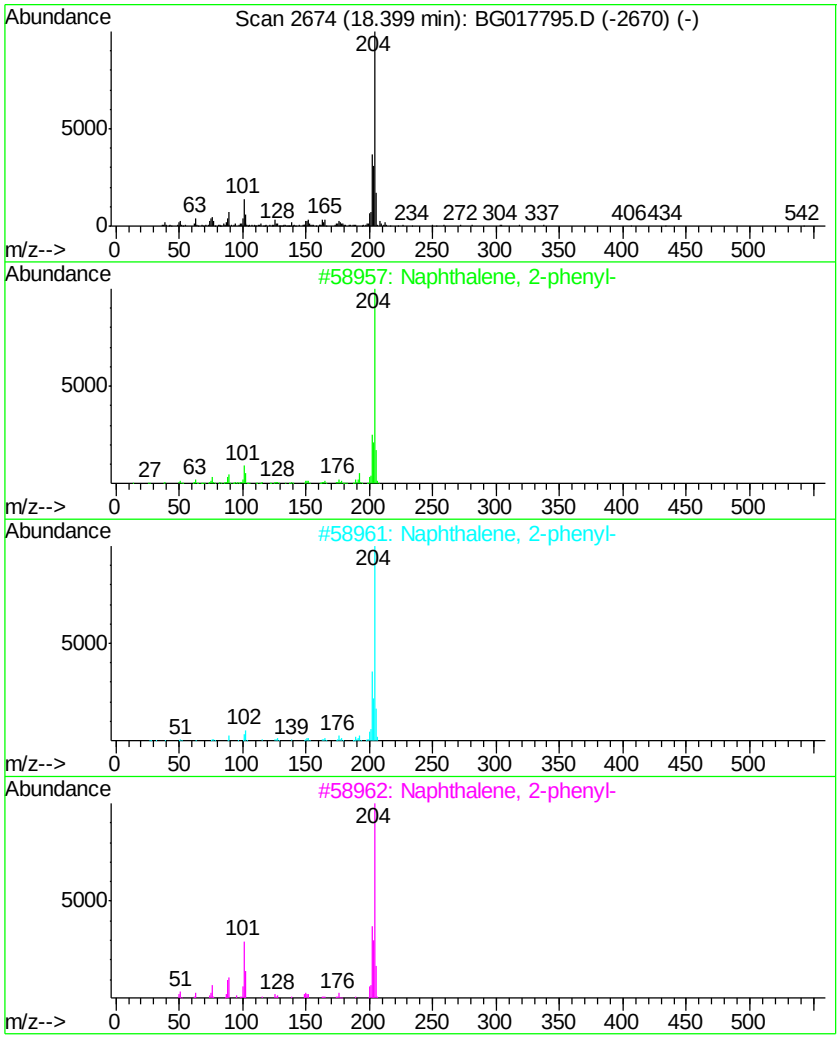
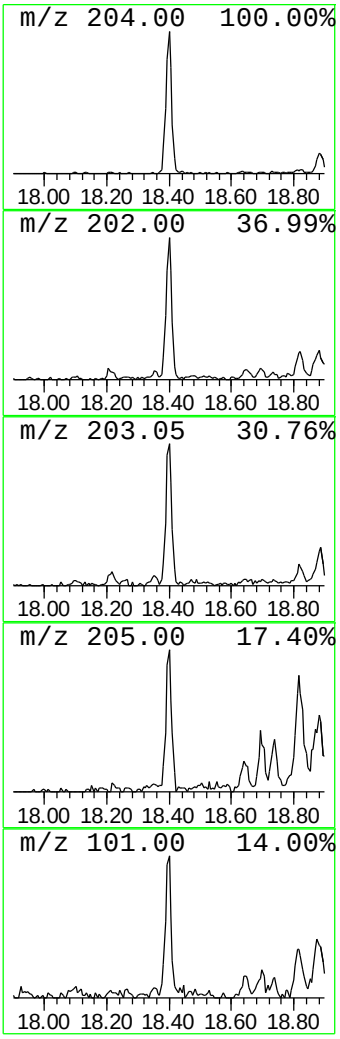
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	3.13 ng/ul	238354	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	2-Phenylnaphthalene	204	C16H12	035465-71-5	68





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Operator : TP/UM
Sample : G2860-04DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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

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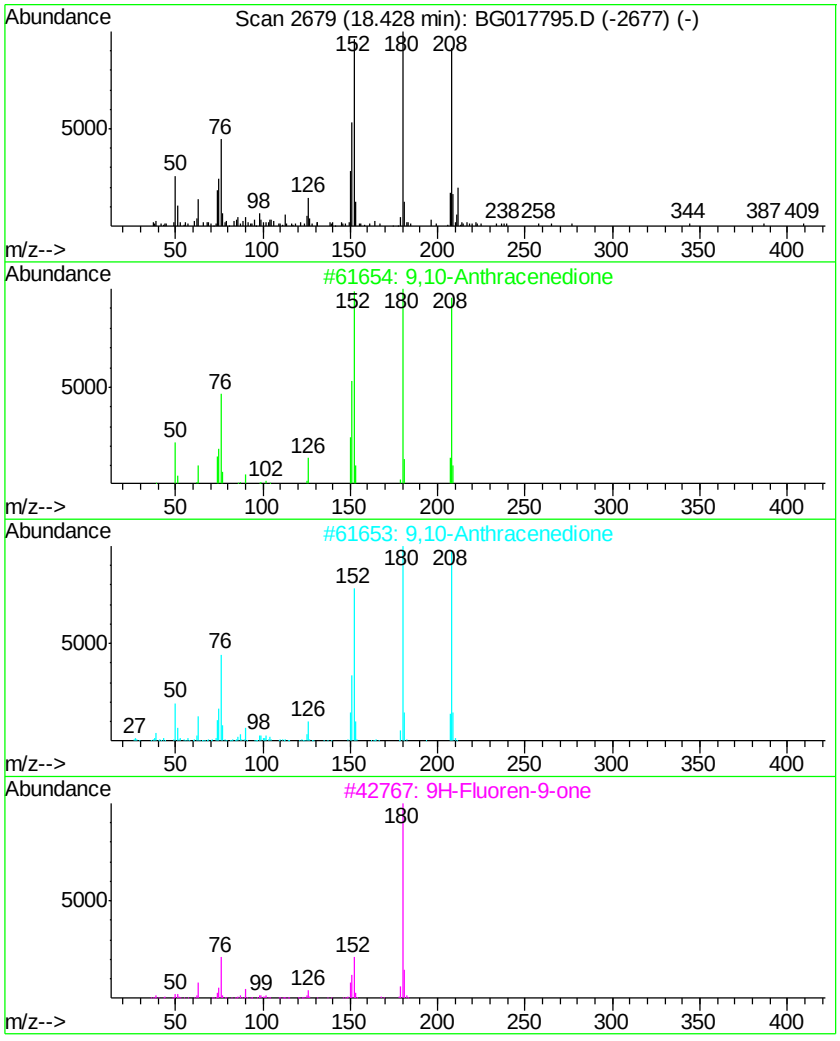
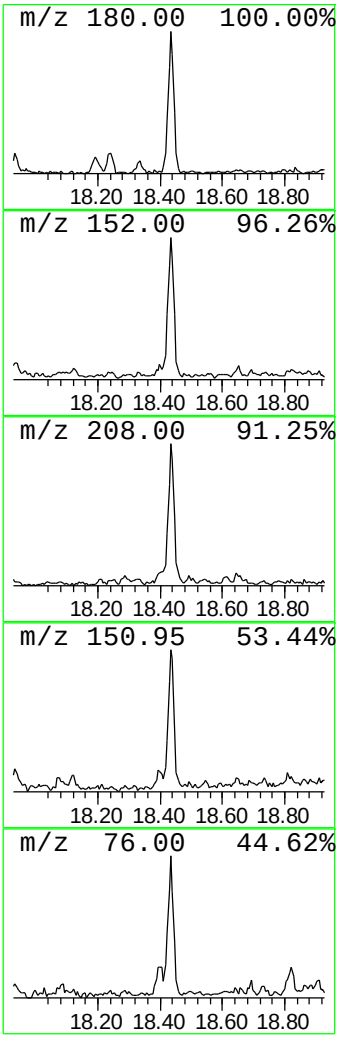
Peak Number 8 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	2.86 ng/ul	218086	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
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Acq On : 7 Jul 2015 14:22
Operator : TP/UM
Sample : G2860-04DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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

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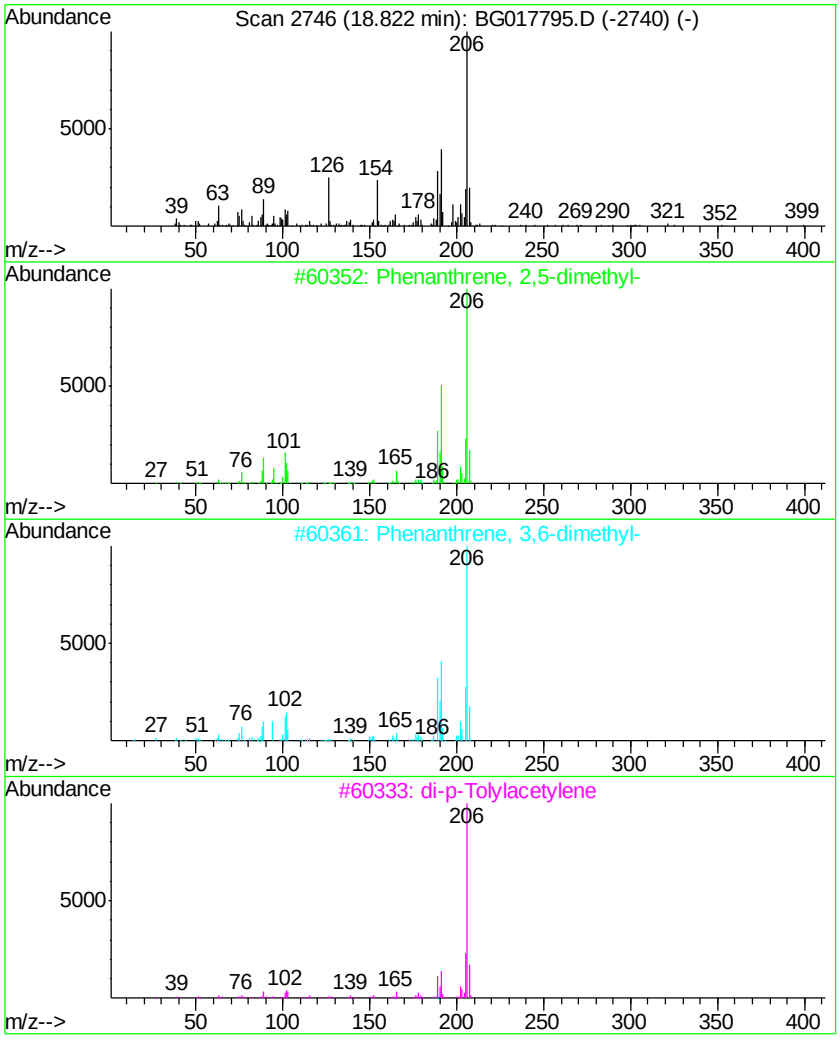
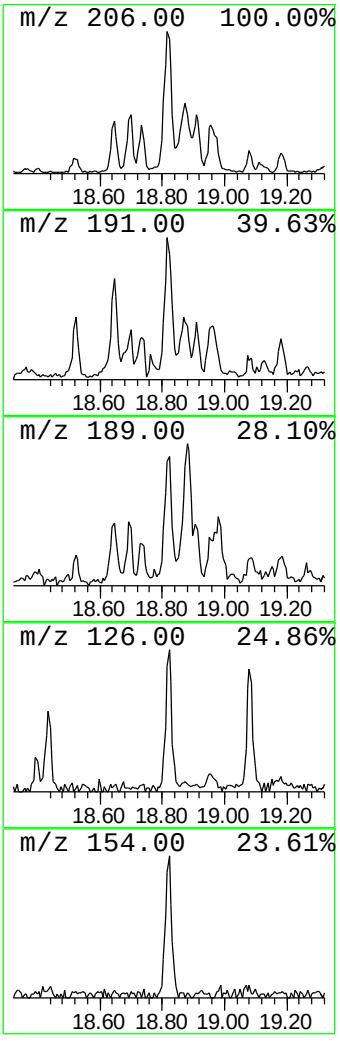
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	3.12 ng/ul	237644	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	89
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





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Data File : BG017795.D
Acq On : 7 Jul 2015 14:22
Operator : TP/UM
Sample : G2860-04DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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

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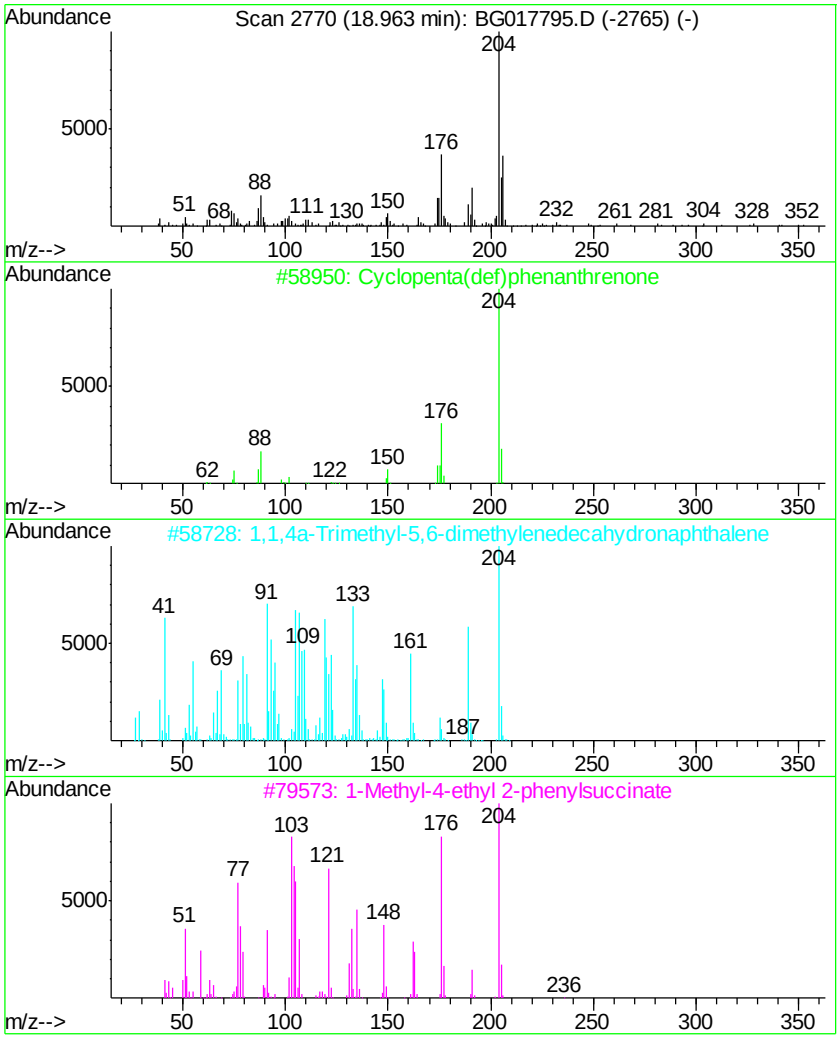
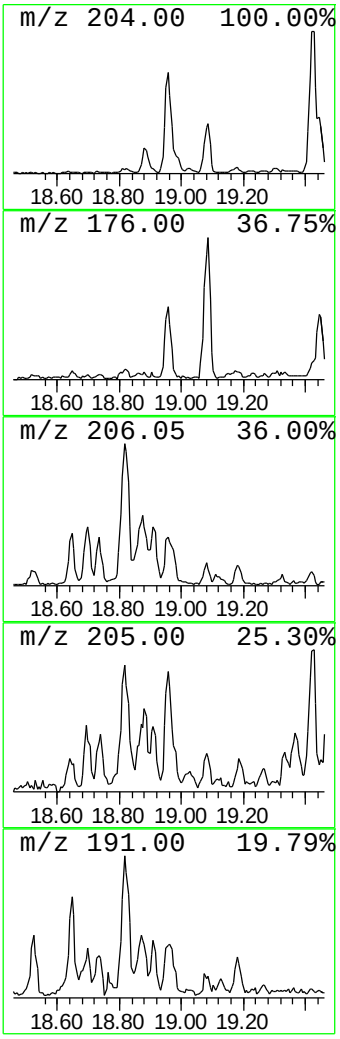
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	3.03 ng/ul	230901	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	74
3	1-Methyl-4-ethyl 2-phenylsuccinate	236	C13H16O4	132545-36-9	45
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
5	[1,1'-Biphenyl]-4-ol, 3-chloro-	204	C12H9ClO	000092-04-6	43





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Acq On : 7 Jul 2015 14:22
Operator : TP/UM
Sample : G2860-04DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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

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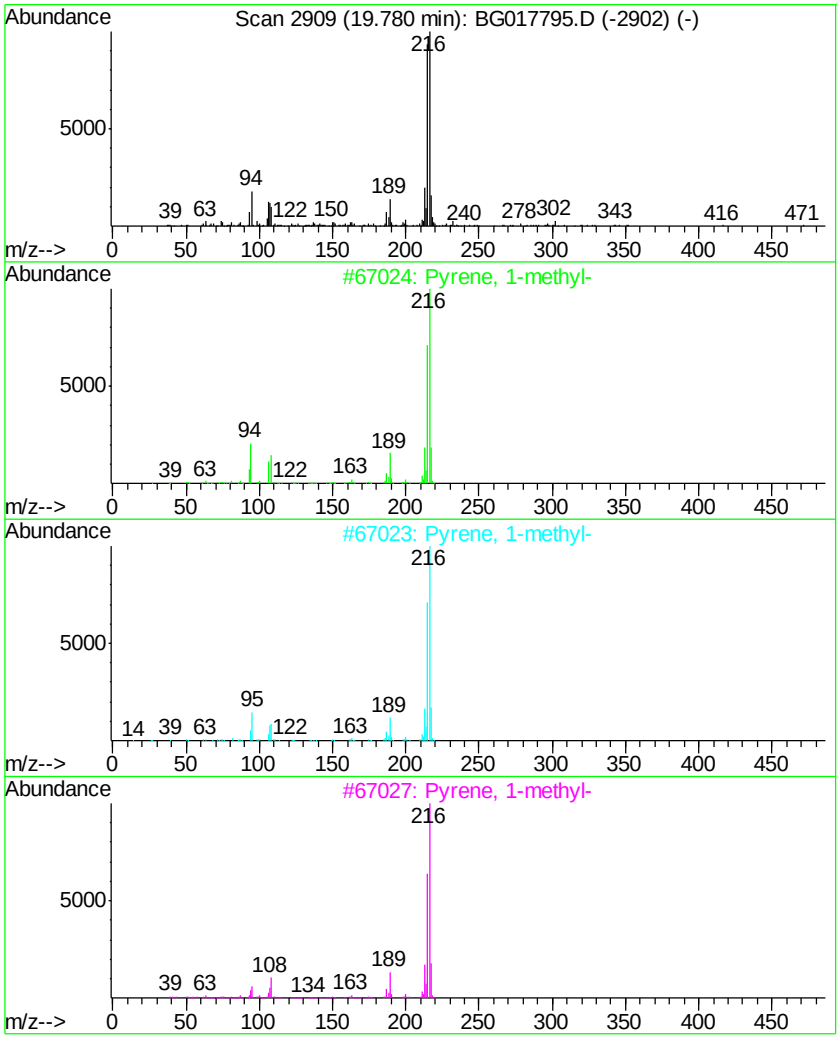
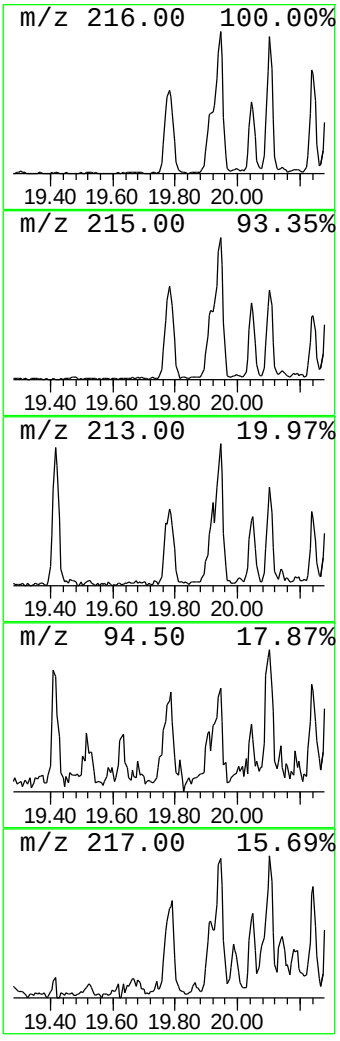
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.78	2.12 ng/ul	360687	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89





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Data File : BG017795.D
Acq On : 7 Jul 2015 14:22
Operator : TP/UM
Sample : G2860-04DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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

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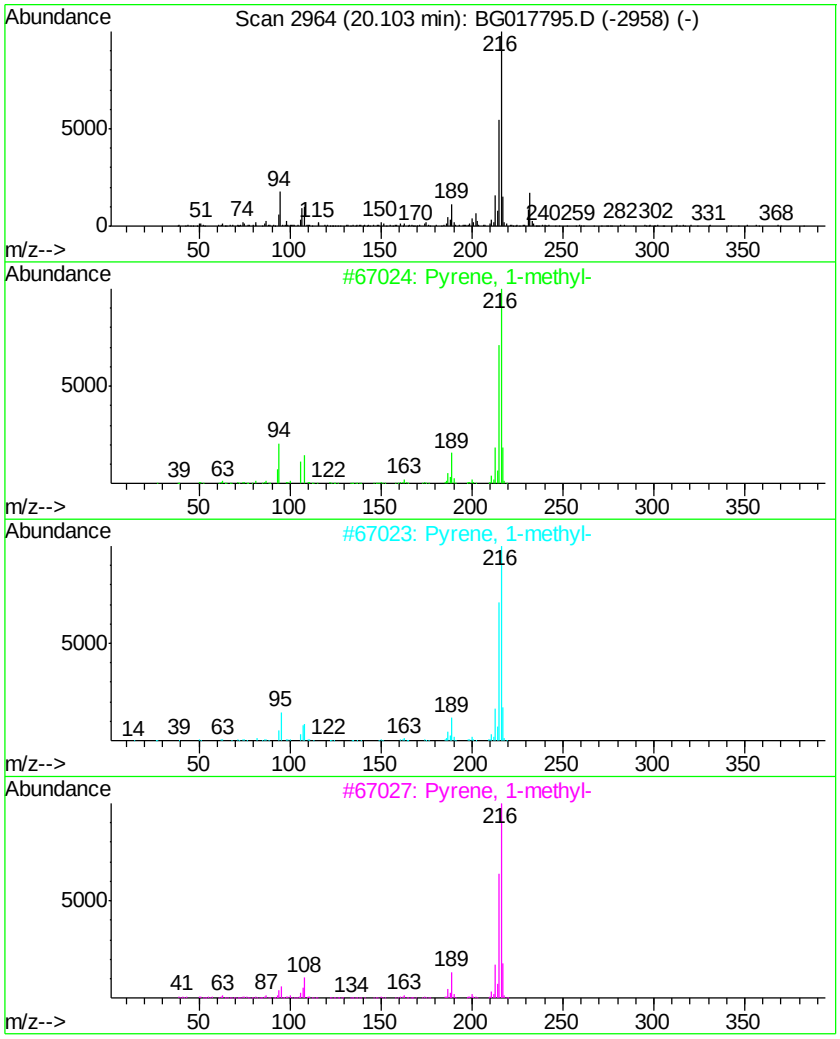
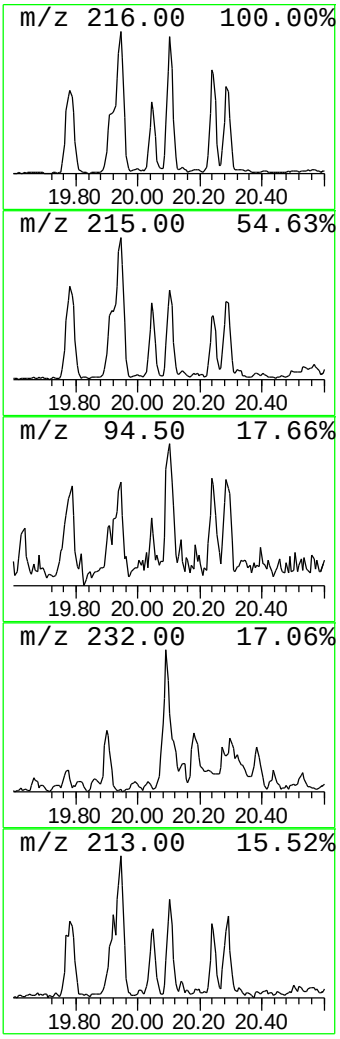
Peak Number 12 Pyrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	2.08 ng/ul	354023	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70





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Data File : BG017795.D
Acq On : 7 Jul 2015 14:22
Operator : TP/UM
Sample : G2860-04DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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

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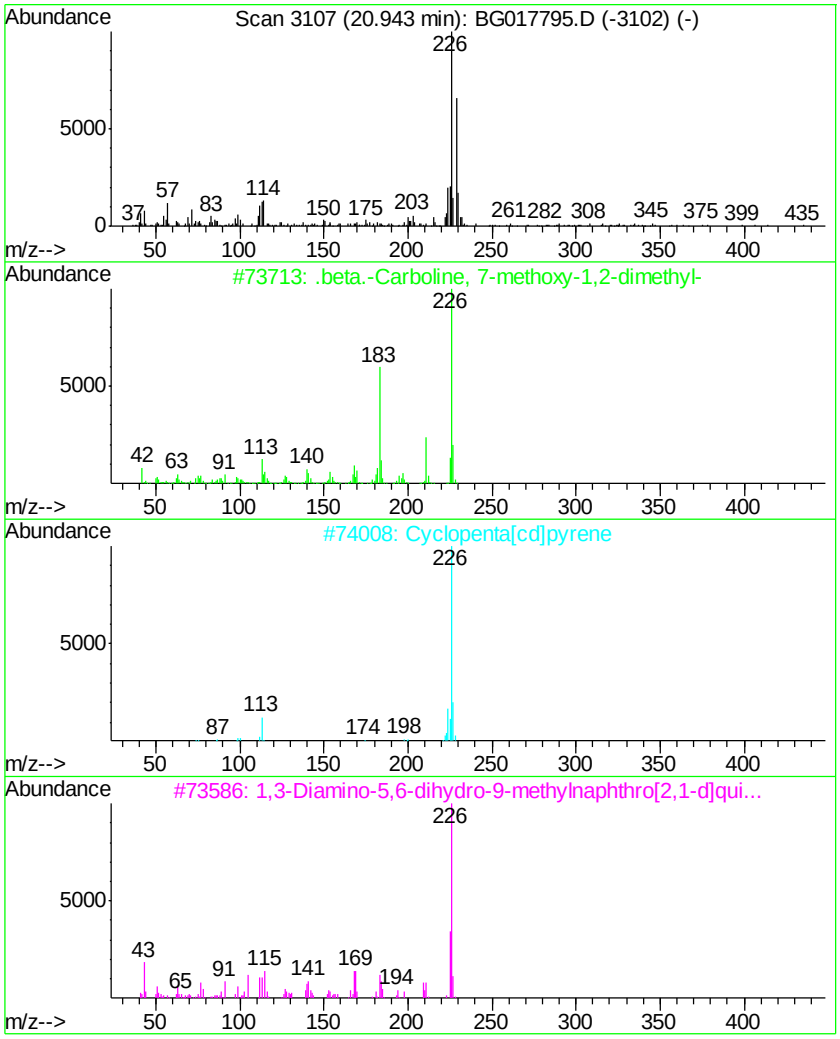
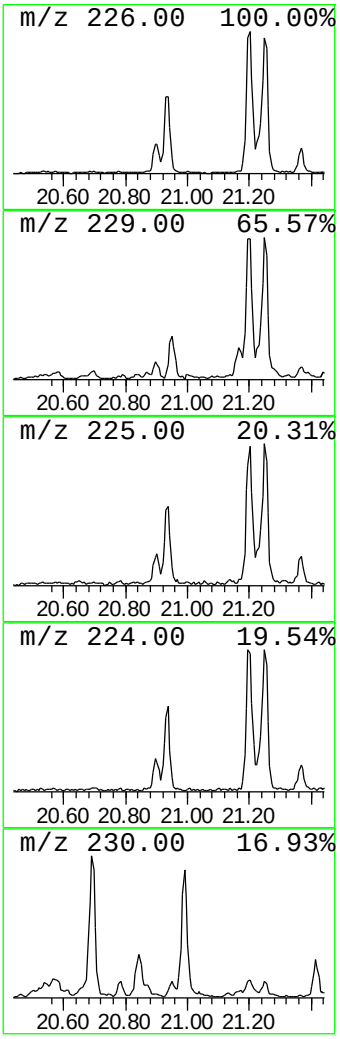
Peak Number 13 .beta.-Carboline, 7-methoxy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.09 ng/ul	355192	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	50
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	47
3	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	37
4	Diphenyloxide, 4,4'-bis(3-isopro...	370	C20H26N4O3	1000295-81-3	36
5	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017795.D
Acq On : 7 Jul 2015 14:22
Operator : TP/UM
Sample : G2860-04DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
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
(DEL) Alkane: Cyc...	2.81	2.5	ng/ul	78930	1	7.61	639748	20.0
Butane, 2-methoxy...	2.89	44.2	ng/ul	1412880	1	7.61	639748	20.0
Phenanthrene, 2-m...	17.89	4.1	ng/ul	311523	4	17.01	1523870	20.0
Phenanthrene, 1-m...	17.93	4.9	ng/ul	374597	4	17.01	1523870	20.0
4H-Cyclopenta[def...	18.08	7.0	ng/ul	534814	4	17.01	1523870	20.0
Phenanthrene, 4-m...	18.12	2.6	ng/ul	201020	4	17.01	1523870	20.0
Naphthalene, 2-ph...	18.40	3.1	ng/ul	238354	4	17.01	1523870	20.0
9,10-Anthracenedione	18.43	2.9	ng/ul	218086	4	17.01	1523870	20.0
Phenanthrene, 2,5...	18.82	3.1	ng/ul	237644	4	17.01	1523870	20.0
Cyclopenta(def)ph...	18.96	3.0	ng/ul	230901	4	17.01	1523870	20.0
Pyrene, 1-methyl-	19.78	2.1	ng/ul	360687	5	21.21	3403070	20.0
Pyrene, 2-methyl-	20.10	2.1	ng/ul	354023	5	21.21	3403070	20.0
.beta.-Carboline,...	20.94	2.1	ng/ul	355192	5	21.21	3403070	20.0