LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016208.D
Acq On : 31 Mar 2015 20:03
Operator : TP/IZ
Sample : G1647-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD6

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\SOM01.2-EPA-BG033115.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	2.905	29	37	45	rBV	316347	824352	22.07%	1.465%
2	2.981	45	50	68	rVB	831395	1373598	36.77%	2.441%
3	4.885	369	374	381	rVB2	55818	90923	2.43%	0.162%
4	6.936	714	723	736	rBV	419917	659555	17.66%	1.172%
5	7.100	744	751	760	rBV	337694	511976	13.71%	0.910%
6	7.300	778	785	794	rBV	412926	631379	16.90%	1.122%
7	7.764	856	864	872	rBV	341854	540162	14.46%	0.960%
8	8.469	978	984	994	rBV	496344	756382	20.25%	1.344%
9	8.922	1054	1061	1070	rVV	380771	622367	16.66%	1.106%
10	9.638	1176	1183	1193	rVV	339554	544843	14.59%	0.968%
11	10.173	1267	1274	1284	rVB	467632	756984	20.27%	1.345%
12	10.555	1330	1339	1344	rBV	491400	838450	22.45%	1.490%
13	10.602	1344	1347	1353	rVB	63052	92921	2.49%	0.165%
14	10.690	1353	1362	1372	rBV	375520	640956	17.16%	1.139%
15	12.212	1614	1621	1628	rVB	192553	300676	8.05%	0.534%
16	12.435	1649	1659	1669	rVB	159542	245654	6.58%	0.437%
17	13.228	1786	1794	1800	rBV	72466	105811	2.83%	0.188%
18	13.422	1822	1827	1841	rVB	39350	80080	2.14%	0.142%
19	13.557	1841	1850	1851	rBV	90953	130823	3.50%	0.233%
20	13.716	1869	1877	1882	rVV2	151399	269786	7.22%	0.480%
21	13.769	1882	1886	1888	rVV	114435	156218	4.18%	0.278%
22	13.804	1888	1892	1897	rVV	776859	1065690	28.53%	1.894%
23	13.851	1897	1900	1908	rVV	70480	99163	2.65%	0.176%
24	13.951	1908	1917	1921	rVV	71555	124615	3.34%	0.221%
25	14.086	1934	1940	1952	rVB	933114	1484758	39.75%	2.639%
26	14.398	1984	1993	1999	rVV2	708800	1147967	30.73%	2.040%
27	14.462	1999	2004	2011	rVV	483667	729061	19.52%	1.296%
28	14.597	2021	2027	2036	rBV	401732	617331	16.53%	1.097%
29	14.791	2055	2060	2068	rVB	494621	740162	19.82%	1.316%
30	15.014	2090	2098	2102	rBV2	45085	79493	2.13%	0.141%
31	15.185	2119	2127	2130	rBV4	38933	89660	2.40%	0.159%
32	15.390	2153	2162	2166	rVV	1177012	1732055	46.37%	3.079%
33	15.443	2166	2171	2177	rVV	610653	862932	23.10%	1.534%
34	15.508	2177	2182	2189	rVV	366161	550636	14.74%	0.979%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016208.D
Acq On : 31 Mar 2015 20:03
Operator : TP/IZ
Sample : G1647-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD6

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\SOM01.2-EPA-BG033115.M
Title : SVOA CALIBRATION

35	15.602	2195	2198	2204	rVV3	72221	142689	3.82%	0.254%
36	15.737	2216	2221	2227	rVV	149500	218932	5.86%	0.389%
37	15.884	2238	2246	2253	rVV	162110	338422	9.06%	0.602%
38	15.972	2253	2261	2269	rVB5	32809	84948	2.27%	0.151%
39	16.101	2277	2283	2293	rVV3	112814	235939	6.32%	0.419%
40	16.442	2330	2341	2346	rVV3	89579	212928	5.70%	0.378%
41	16.489	2346	2349	2355	rVV3	40276	77116	2.06%	0.137%
42	16.671	2373	2380	2383	rVV4	64958	125792	3.37%	0.224%
43	16.712	2383	2387	2390	rVV2	61952	100216	2.68%	0.178%
44	16.789	2395	2400	2406	rVV	211275	335789	8.99%	0.597%
45	16.865	2407	2413	2415	rVV	63115	101545	2.72%	0.180%
46	16.895	2415	2418	2423	rVV2	102119	158313	4.24%	0.281%
47	16.953	2423	2428	2438	rVB	173776	275298	7.37%	0.489%
48	17.135	2453	2459	2463	rVV2	813634	1263347	33.82%	2.245%
49	17.182	2463	2467	2472	rVV	2665977	3735230	100.00%	6.639%
50	17.235	2472	2476	2479	rVV	1251091	1753130	46.93%	3.116%
51	17.271	2479	2482	2487	rVB	720707	960047	25.70%	1.706%
52	17.323	2487	2491	2496	rBV3	56279	81213	2.17%	0.144%
53	17.541	2518	2528	2532	rBV2	211841	372006	9.96%	0.661%
54	17.717	2554	2558	2566	rVB6	54624	95647	2.56%	0.170%
55	18.011	2598	2608	2613	rBV2	245617	609916	16.33%	1.084%
56	18.058	2613	2616	2622	rVV	359936	499446	13.37%	0.888%
57	18.140	2624	2630	2635	rVB	135687	200905	5.38%	0.357%
58	18.211	2635	2642	2645	rBV3	341452	608950	16.30%	1.082%
59	18.240	2645	2647	2653	rVB	142695	183842	4.92%	0.327%
60	18.510	2688	2693	2697	rBV	182611	242794	6.50%	0.432%
61	18.551	2697	2700	2706	rVV	108367	148322	3.97%	0.264%
62	18.927	2754	2764	2771	rBV3	100070	253708	6.79%	0.451%
63	18.998	2772	2776	2778	rVV2	55859	85488	2.29%	0.152%
64	19.074	2783	2789	2799	rVV	128542	214795	5.75%	0.382%
65	19.198	2804	2810	2816	rVB	2325522	3091095	82.76%	5.494%
66	19.309	2823	2829	2832	rBV3	78729	149576	4.00%	0.266%
67	19.439	2848	2851	2860	rVB2	72564	160404	4.29%	0.285%
68	19.533	2860	2867	2869	rBV2	1639603	2429310	65.04%	4.318%
69	19.562	2869	2872	2879	rVB	1826955	2219252	59.41%	3.944%
70	19.627	2879	2883	2891	rVB2	108302	170983	4.58%	0.304%
71	19.732	2891	2901	2907	rBV	144101	260490	6.97%	0.463%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016208.D
Acq On : 31 Mar 2015 20:03
Operator : TP/IZ
Sample : G1647-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD6

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\SOM01.2-EPA-BG033115.M
Title : SVOA CALIBRATION

72	19.797	2907	2912	2917	rVB	116307	170171	4.56%	0.302%
73	19.873	2920	2925	2926	rBV	110127	138890	3.72%	0.247%
74	20.014	2943	2949	2951	rBV4	88785	160063	4.29%	0.284%
75	20.050	2951	2955	2960	rVB	247690	334976	8.97%	0.595%
76	20.150	2968	2972	2976	rBV	151386	197577	5.29%	0.351%
77	20.208	2976	2982	2986	rVB2	153907	266507	7.13%	0.474%
78	20.349	3002	3006	3009	rBV	77680	103092	2.76%	0.183%
79	20.396	3009	3014	3017	rBV3	79949	111227	2.98%	0.198%
80	20.796	3078	3082	3088	rVB	194937	248166	6.64%	0.441%
81	20.960	3103	3110	3113	rBV2	126200	236629	6.34%	0.421%
82	21.019	3113	3120	3128	rVV4	371853	929543	24.89%	1.652%
83	21.090	3128	3132	3140	rVB	202419	296422	7.94%	0.527%
84	21.307	3163	3169	3173	rVV3	1393036	2738711	73.32%	4.868%
85	21.348	3173	3176	3186	rVB	764780	1024835	27.44%	1.822%
86	21.466	3192	3196	3201	rBV	120298	149947	4.01%	0.267%
87	21.624	3219	3223	3228	rBV2	97531	149925	4.01%	0.266%
88	21.865	3260	3264	3268	rVB	137495	195709	5.24%	0.348%
89	21.918	3270	3273	3278	rVB	97693	121790	3.26%	0.216%
90	22.065	3295	3298	3301	rBV	59415	82494	2.21%	0.147%
91	22.165	3311	3315	3325	rVB5	61267	120060	3.21%	0.213%
92	22.911	3435	3442	3446	rBV2	510902	1229030	32.90%	2.184%
93	23.081	3466	3471	3476	rVB	113823	191999	5.14%	0.341%
94	23.399	3520	3525	3529	rBV2	245570	485260	12.99%	0.862%
95	23.452	3529	3534	3538	rVV2	845881	1600377	42.85%	2.844%
96	23.499	3538	3542	3549	rVB	491643	864698	23.15%	1.537%
97	23.598	3552	3559	3564	rVV	653334	1240139	33.20%	2.204%
98	23.651	3564	3568	3575	rVB2	137668	268880	7.20%	0.478%
99	25.925	3947	3955	3967	rVB	196333	578926	15.50%	1.029%
100	26.642	4073	4077	4095	rVB2	116341	331097	8.86%	0.588%

Sum of corrected areas: 56262382

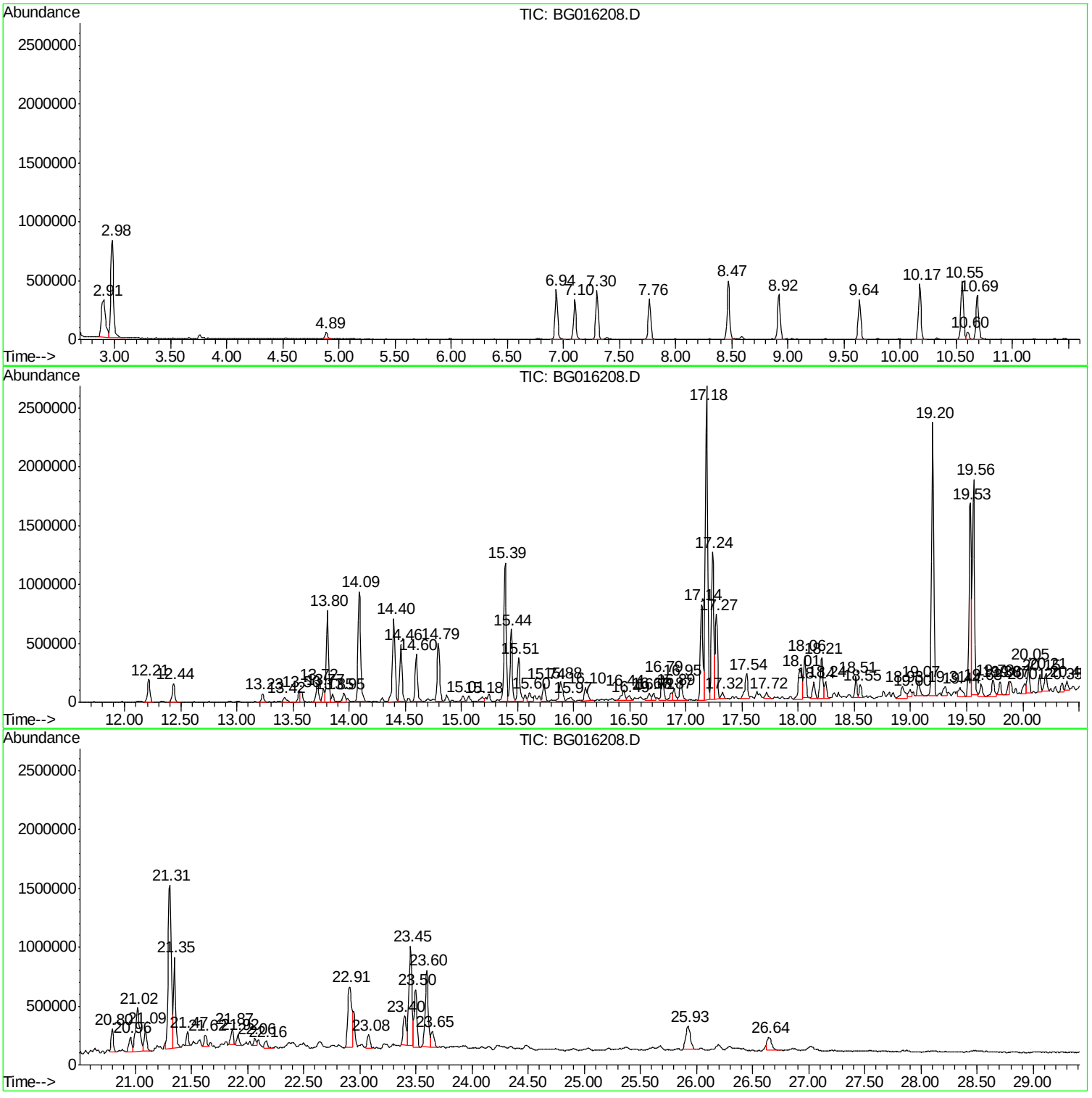
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016208.D
Acq On : 31 Mar 2015 20:03
Operator : TP/IZ
Sample : G1647-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016208.D
Acq On : 31 Mar 2015 20:03
Operator : TP/IZ
Sample : G1647-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

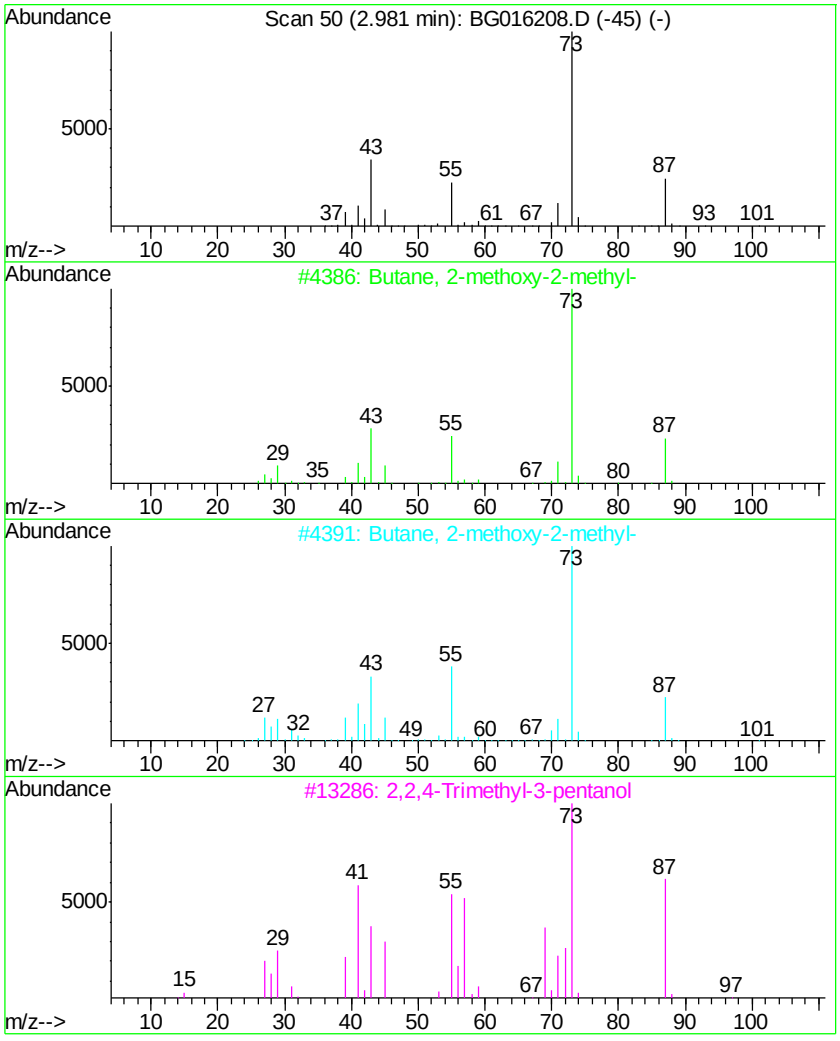
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

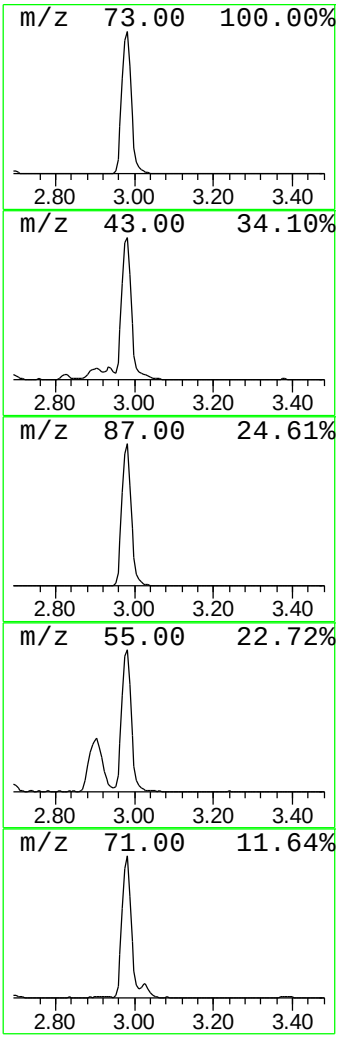
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	50.86 ng/ul	1373600	1,4-Dichlorobenzene-d4	7.76

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	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016208.D
Acq On : 31 Mar 2015 20:03
Operator : TP/IZ
Sample : G1647-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

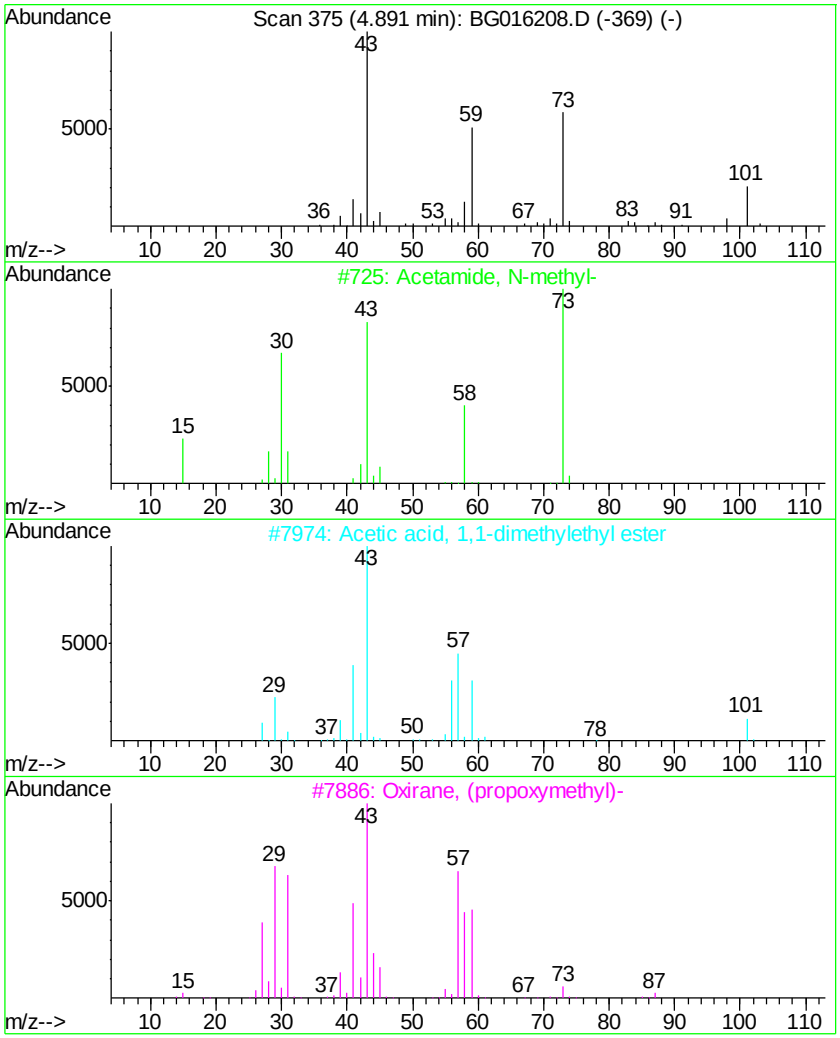
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

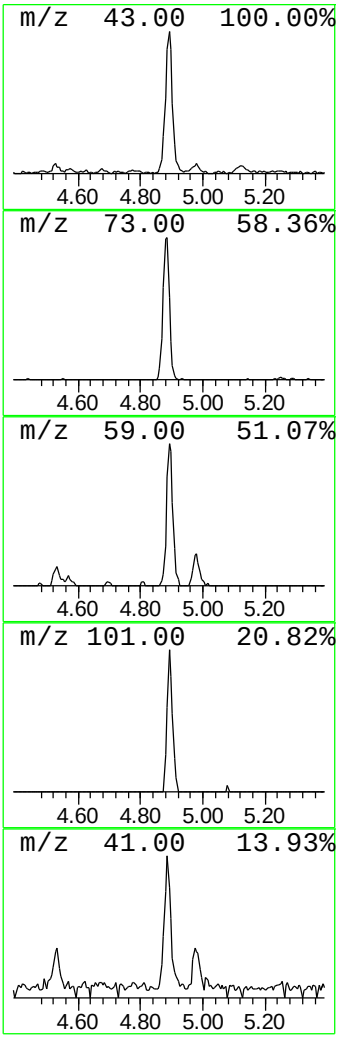
****

Peak Number 3 unknown4.89 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	3.37 ng/ul	90923	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	38
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	37
3	Oxirane, (propoxymethyl)-	116	C6H12O2	003126-95-2	28
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	23
5	Acetic acid, (acetyloxy)-	118	C4H6O4	013831-30-6	17





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016208.D
Acq On : 31 Mar 2015 20:03
Operator : TP/IZ
Sample : G1647-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

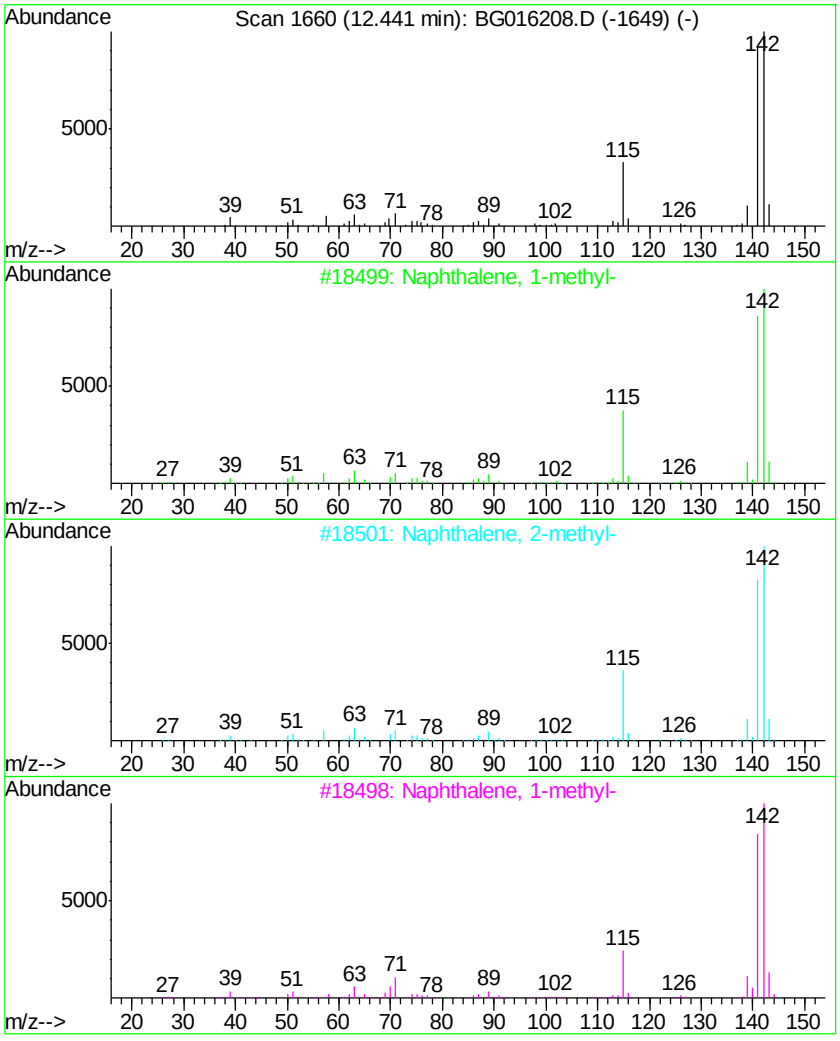
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

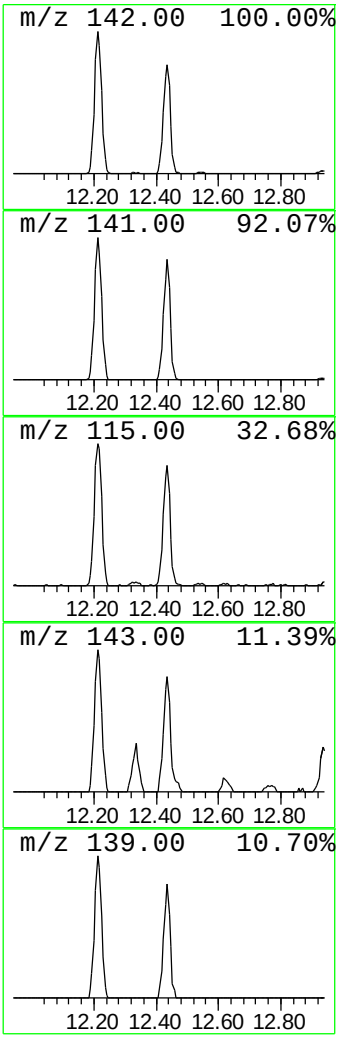
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	5.86 ng/ul	245654	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016208.D
Acq On : 31 Mar 2015 20:03
Operator : TP/IZ
Sample : G1647-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

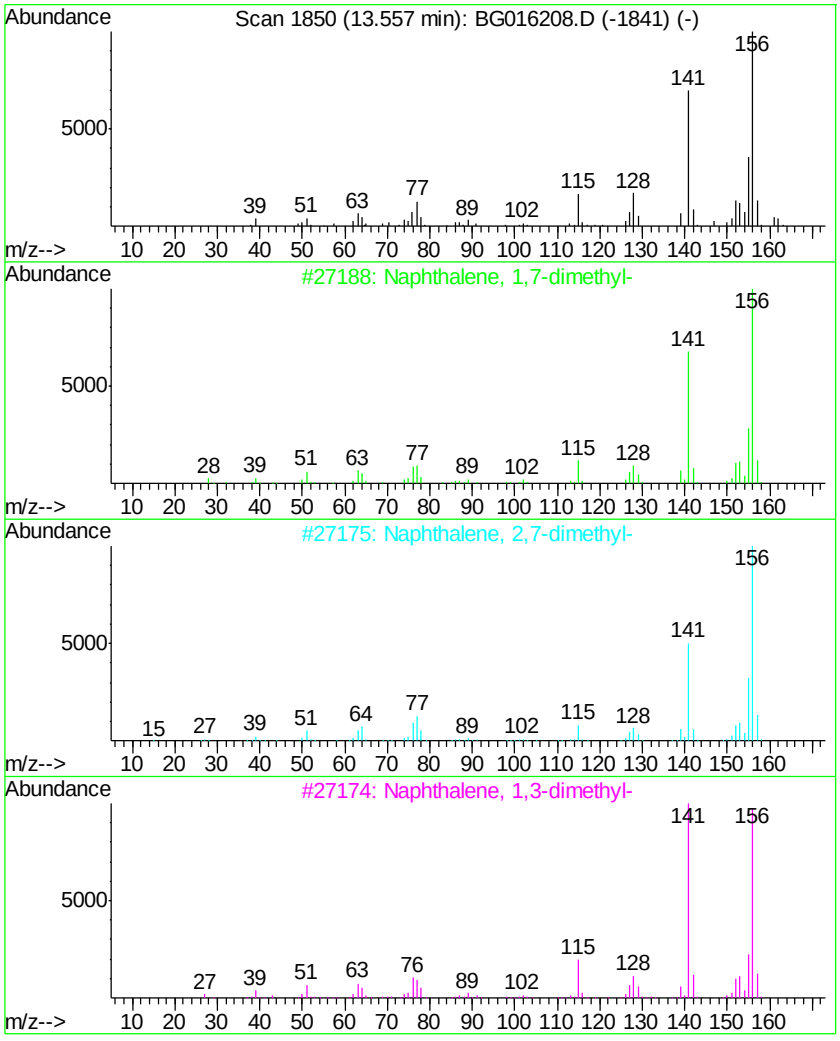
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

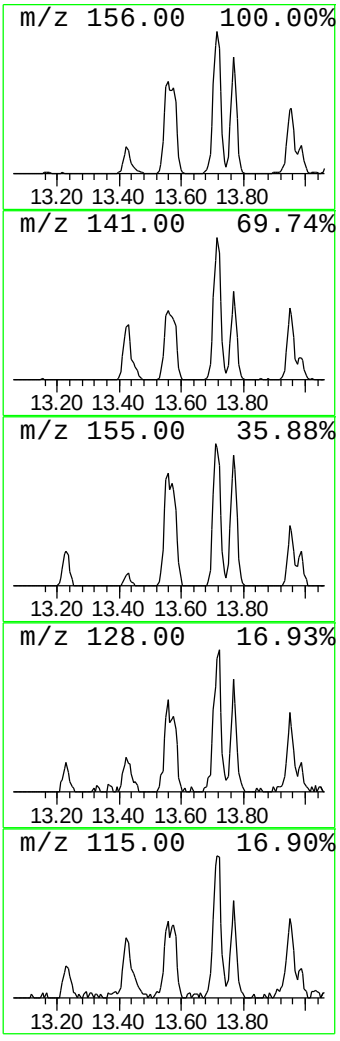
****

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	2.28 ng/ul	130823	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016208.D
Acq On : 31 Mar 2015 20:03
Operator : TP/IZ
Sample : G1647-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

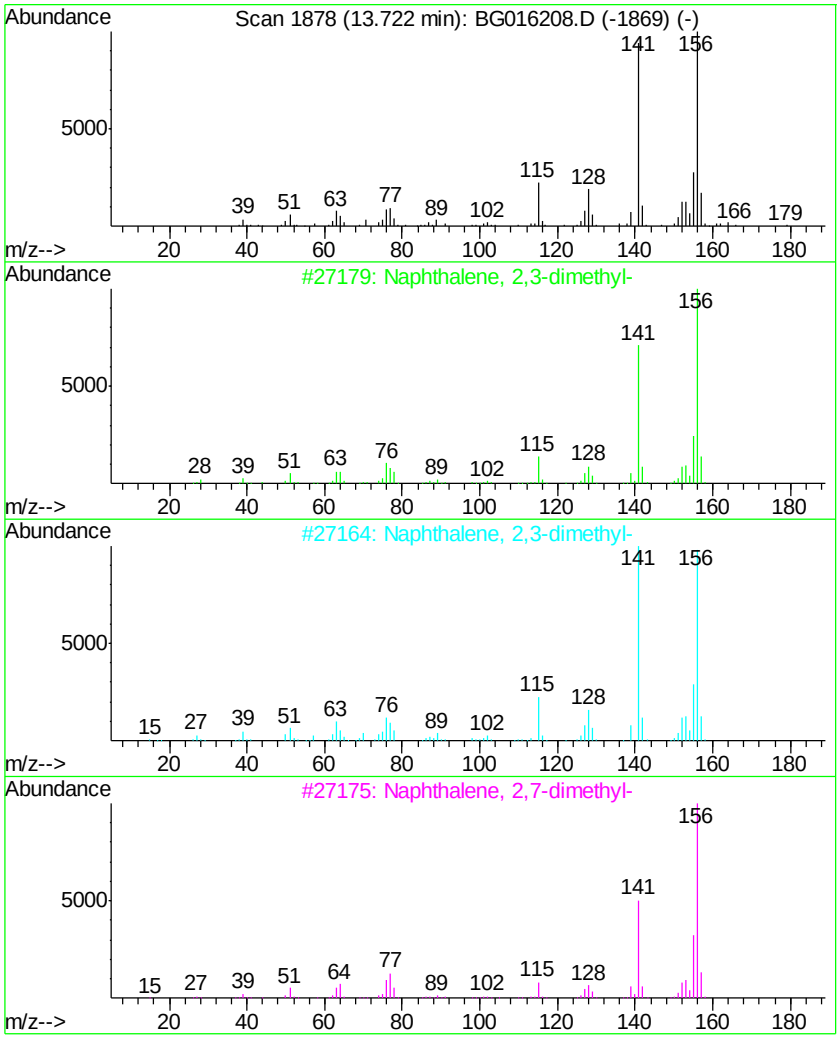
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

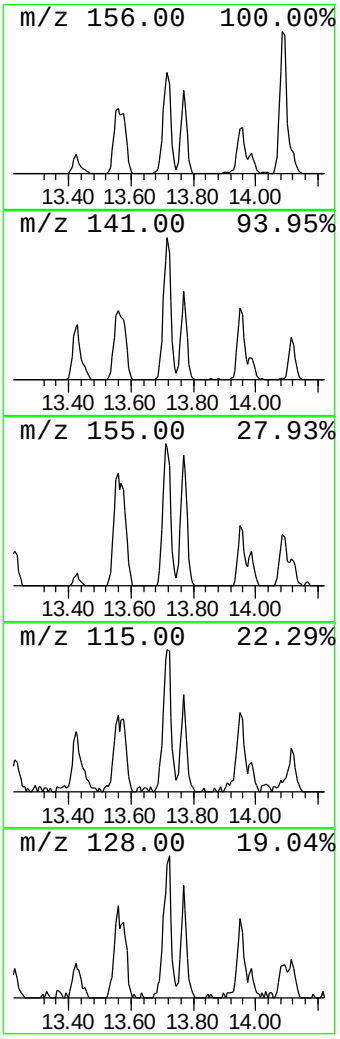
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	4.70 ng/ul	269786	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Library Search Compound Report

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Operator : TP/IZ
Sample : G1647-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD6

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Quant Title : SVOA CALIBRATION

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

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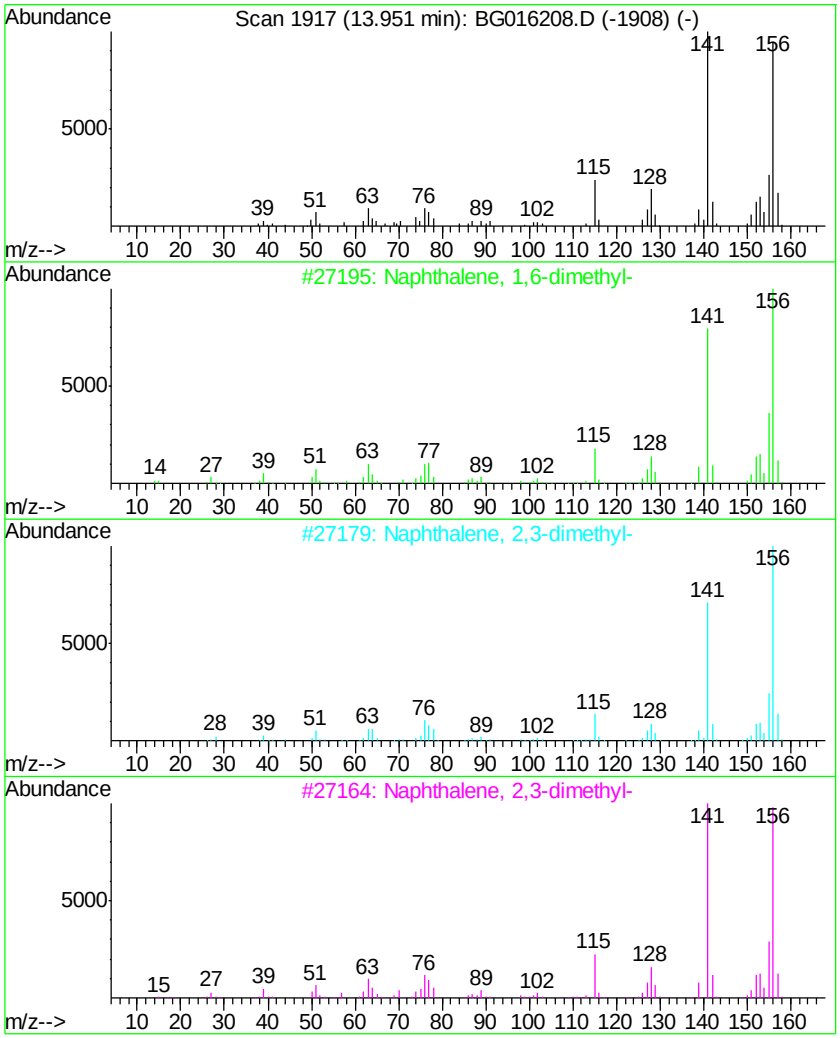
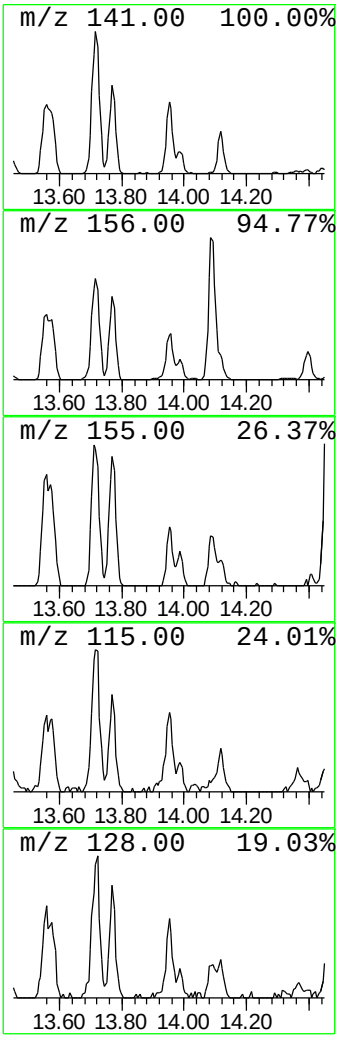
Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	2.17 ng/ul	124615	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95





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Instrument : BNA_G
ClientSampleId : C0AD6

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Quant Title : SVOA CALIBRATION

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

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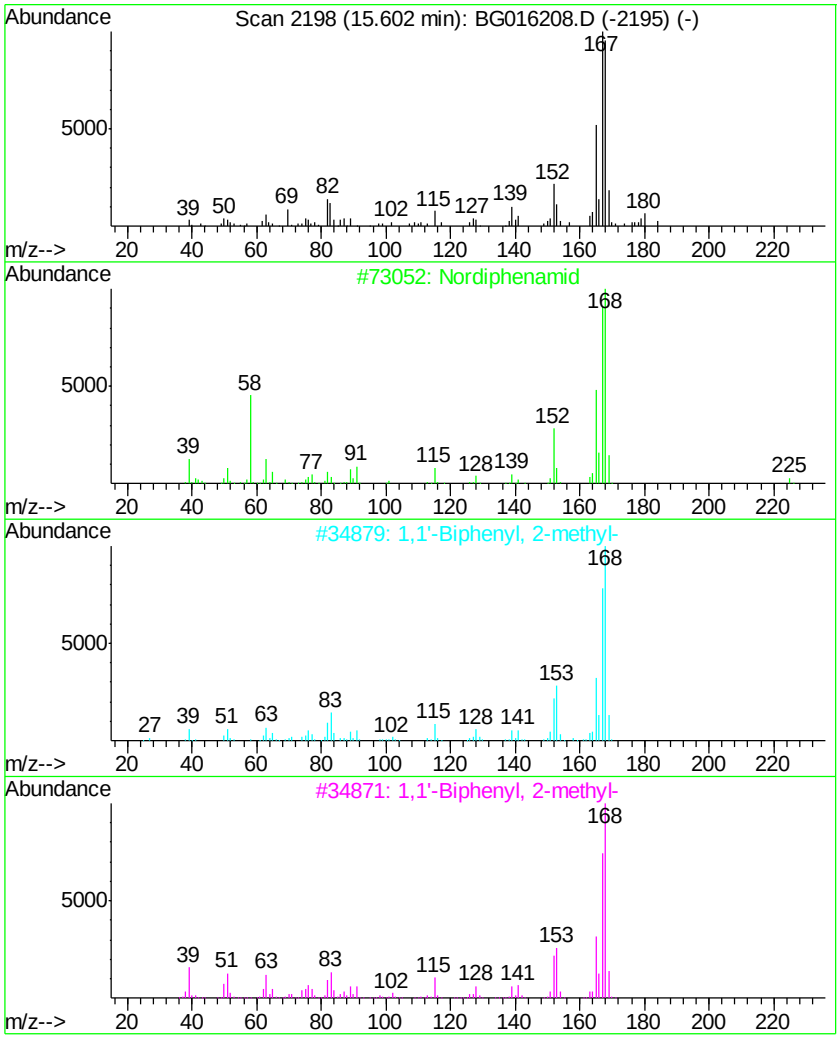
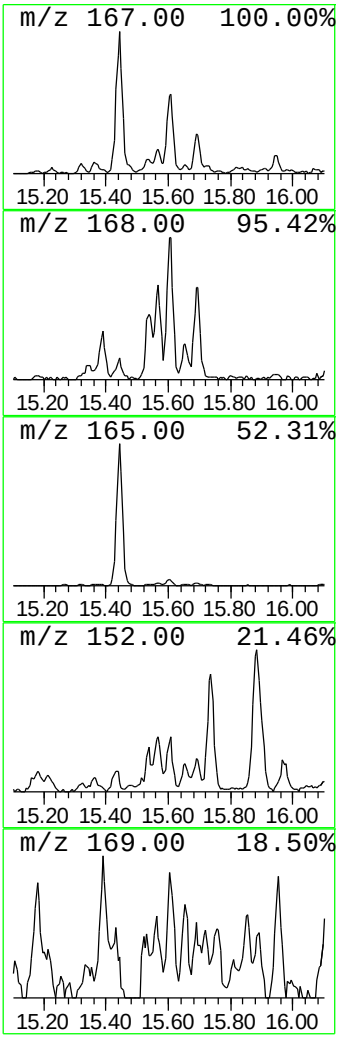
Peak Number 8 Nordiphenamid Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	2.49 ng/ul	142689	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	90
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	76
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	76
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	76
5	Diphenylmethane	168	C13H12	000101-81-5	76





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Instrument : BNA_G
ClientSampleId : C0AD6

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Quant Title : SVOA CALIBRATION

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

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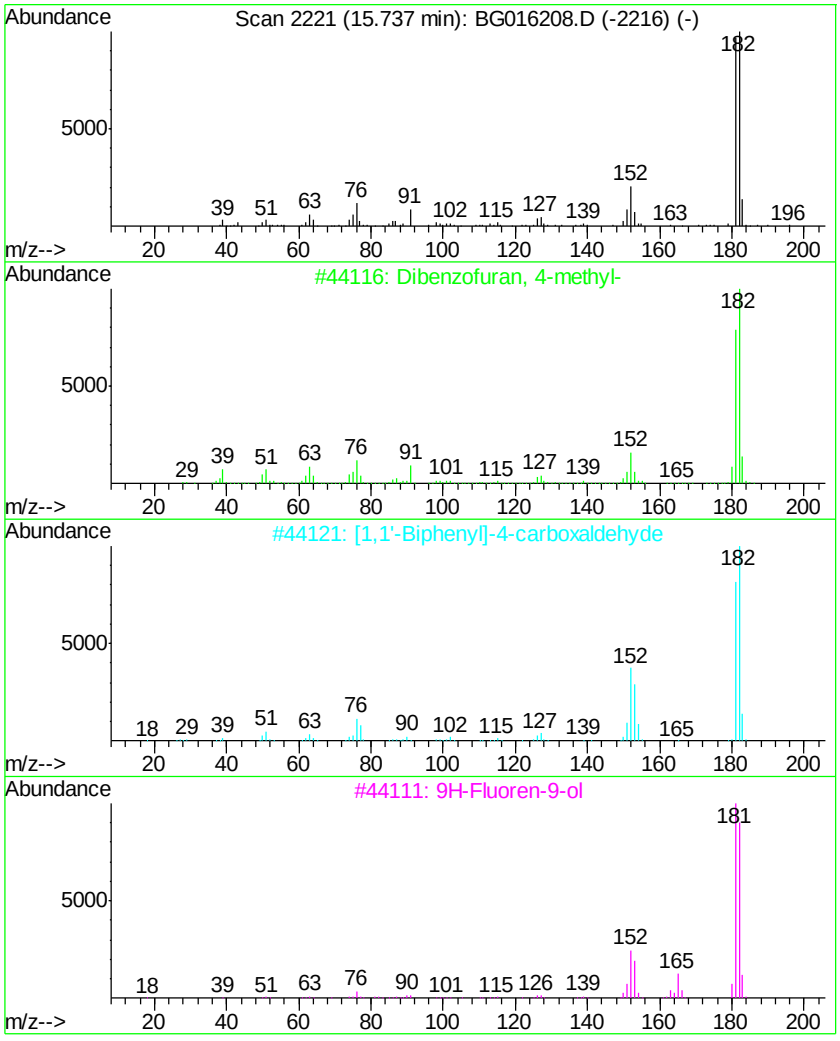
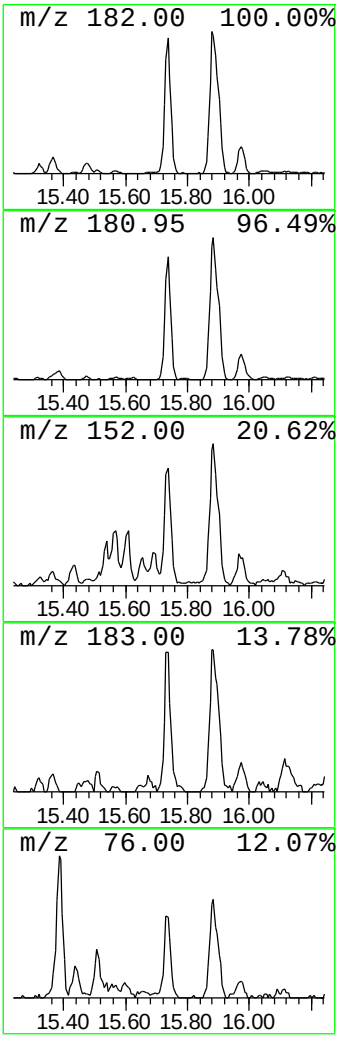
Peak Number 9 Dibenzofuran, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	3.81 ng/ul	218932	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
5	Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	64





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Sample : G1647-17
Misc :
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Instrument : BNA_G
ClientSampleId : C0AD6

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Quant Title : SVOA CALIBRATION

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

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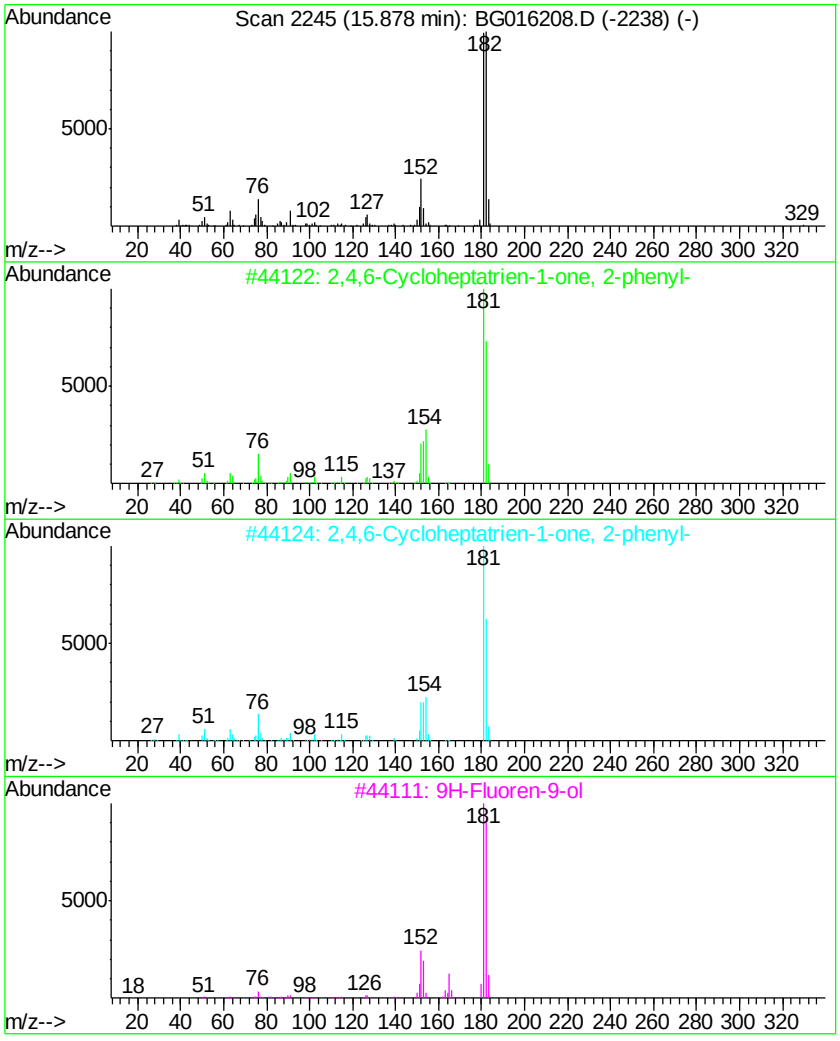
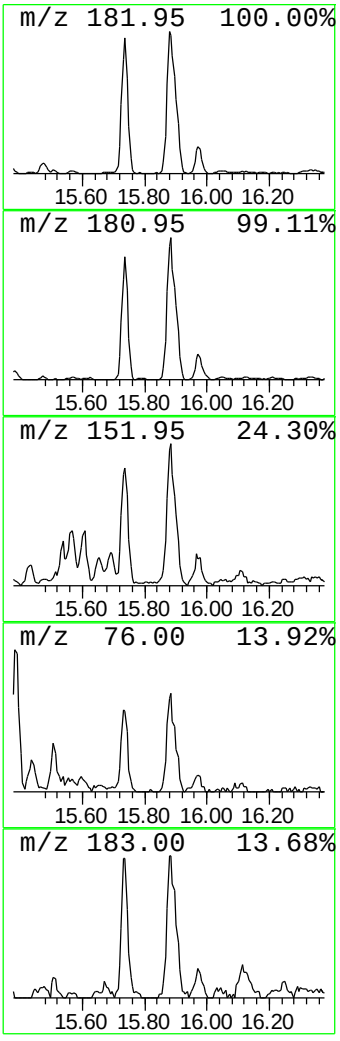
Peak Number 10 2,4,6-Cycloheptatrien-1-one... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	5.36 ng/ul	338422	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86





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Misc :
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ClientSampleId : C0AD6

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Quant Title : SVOA CALIBRATION

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

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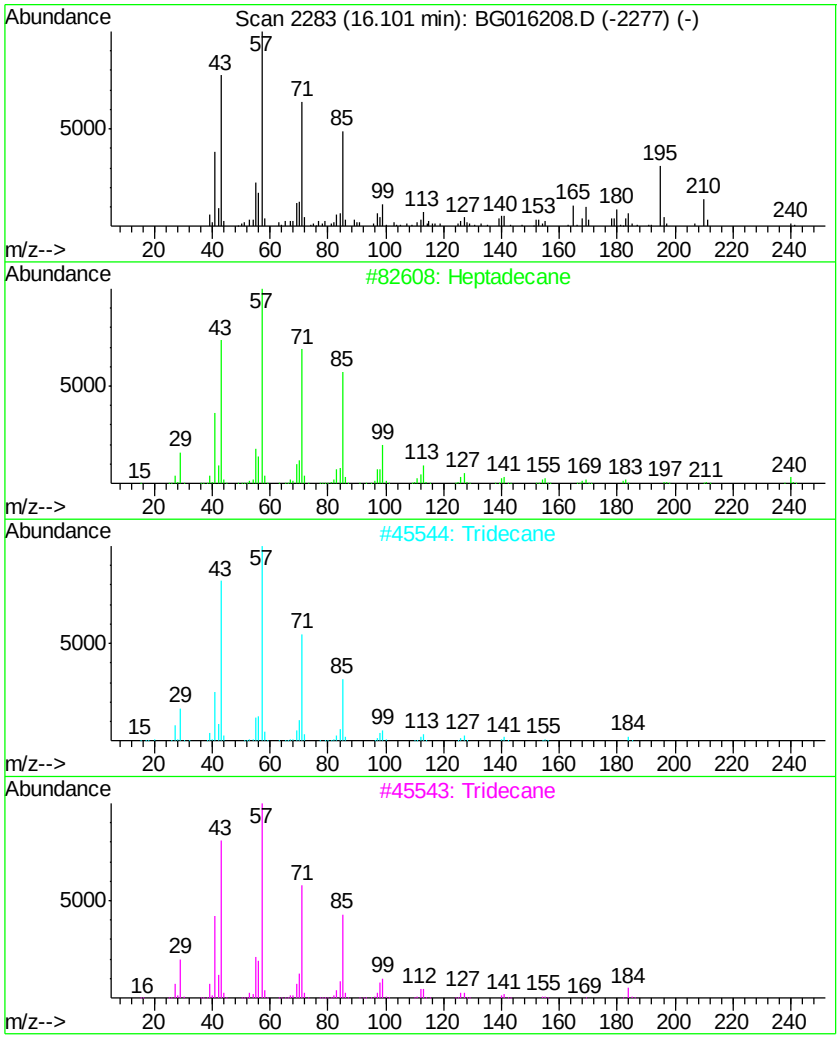
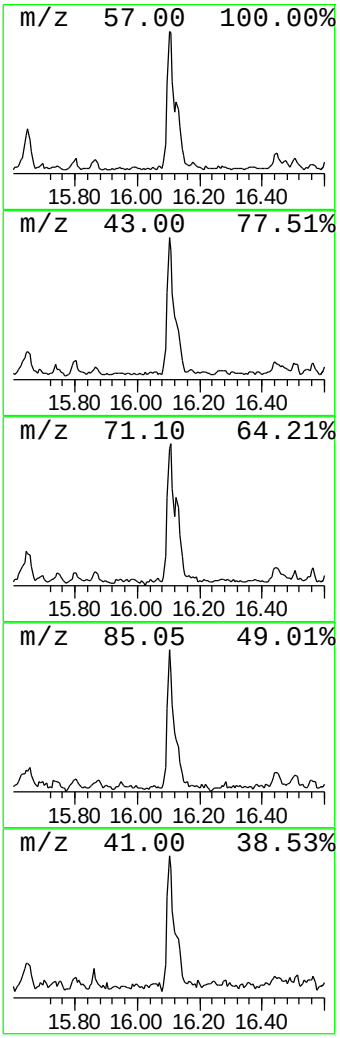
Peak Number 11 (DEL) Alkane: Straight-Chain Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	3.74 ng/ul	235939	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Tridecane	184	C13H28	000629-50-5	70
3	Tridecane	184	C13H28	000629-50-5	64
4	Tetracosane	338	C24H50	000646-31-1	58
5	Octacosane	394	C28H58	000630-02-4	58





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD6

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Quant Title : SVOA CALIBRATION

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

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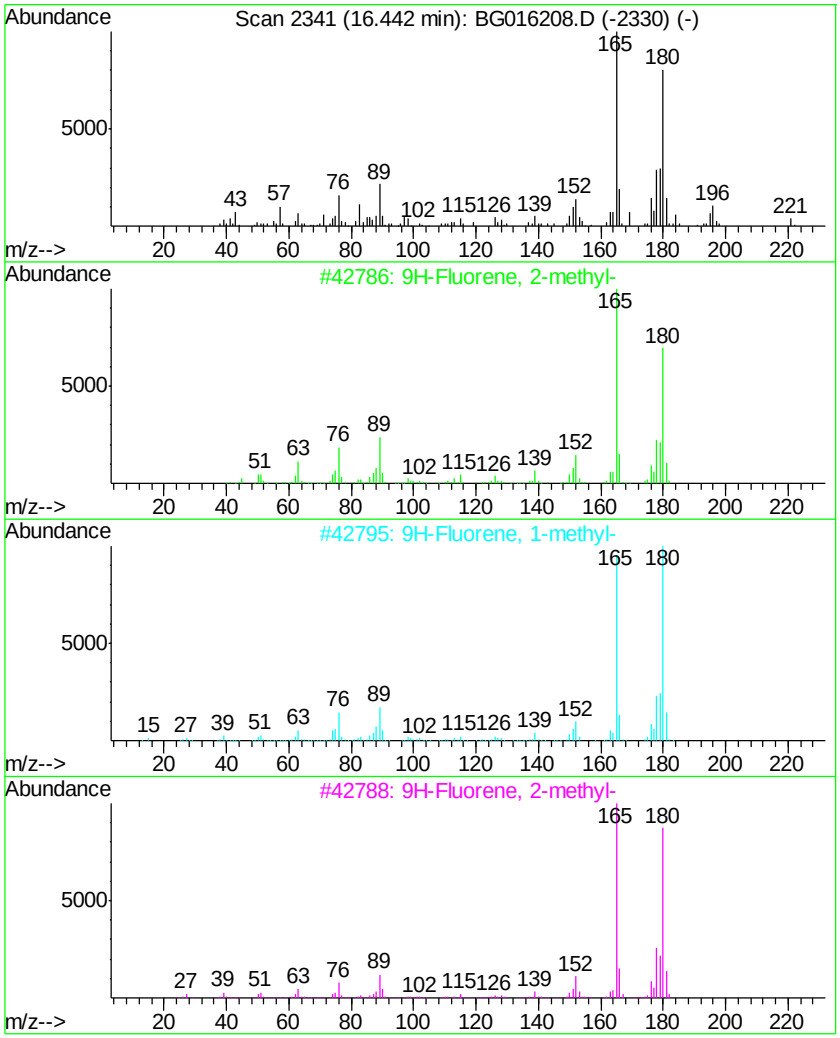
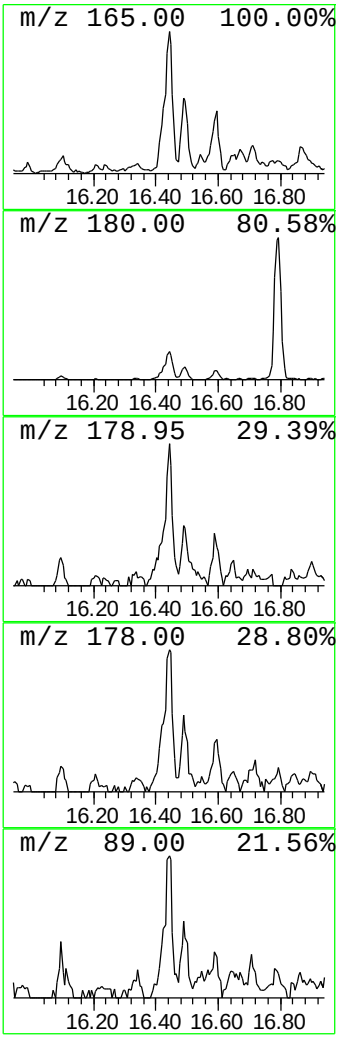
Peak Number 12 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	3.37 ng/ul	212928	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	94
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94





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Misc :
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Instrument : BNA_G
ClientSampleId : C0AD6

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Quant Title : SVOA CALIBRATION

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

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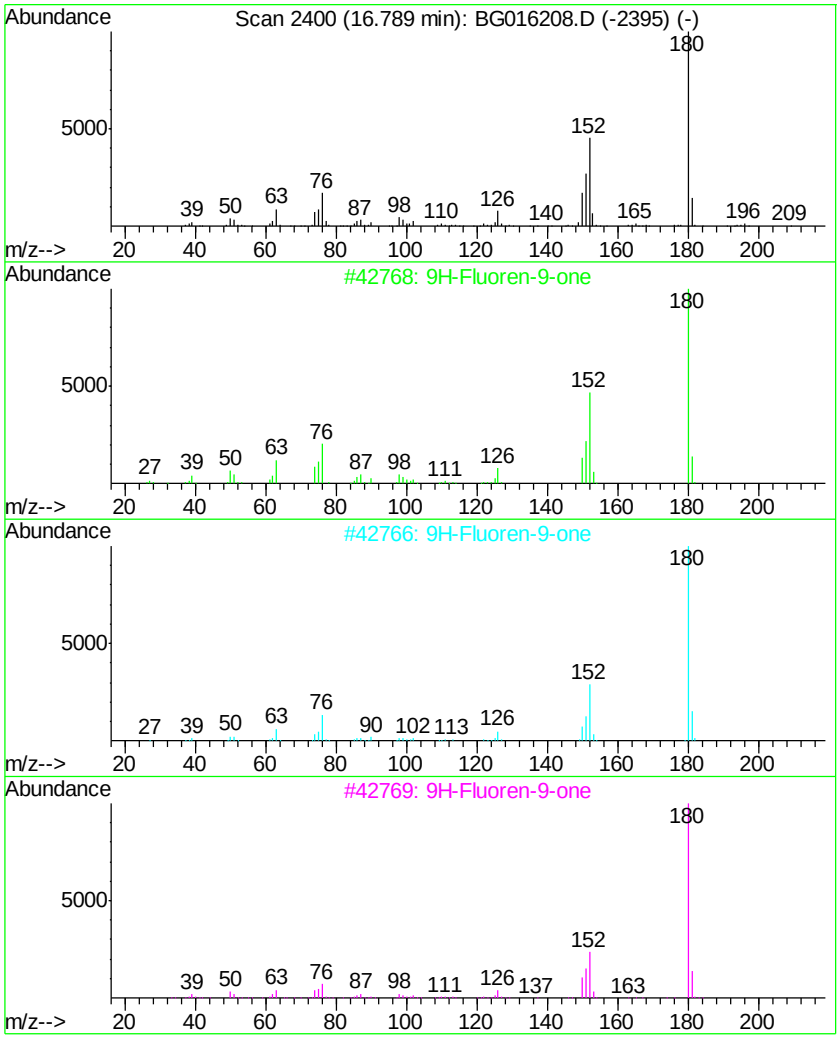
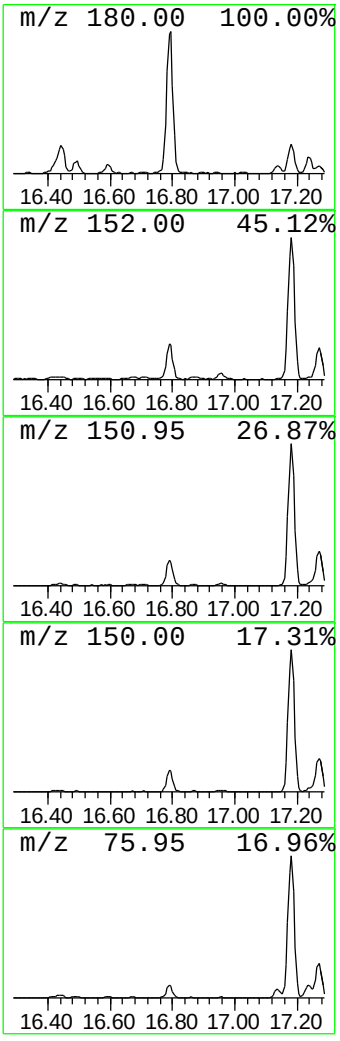
Peak Number 13 9H-Fluoren-9-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	5.32 ng/ul	335789	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	90





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Quant Title : SVOA CALIBRATION

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

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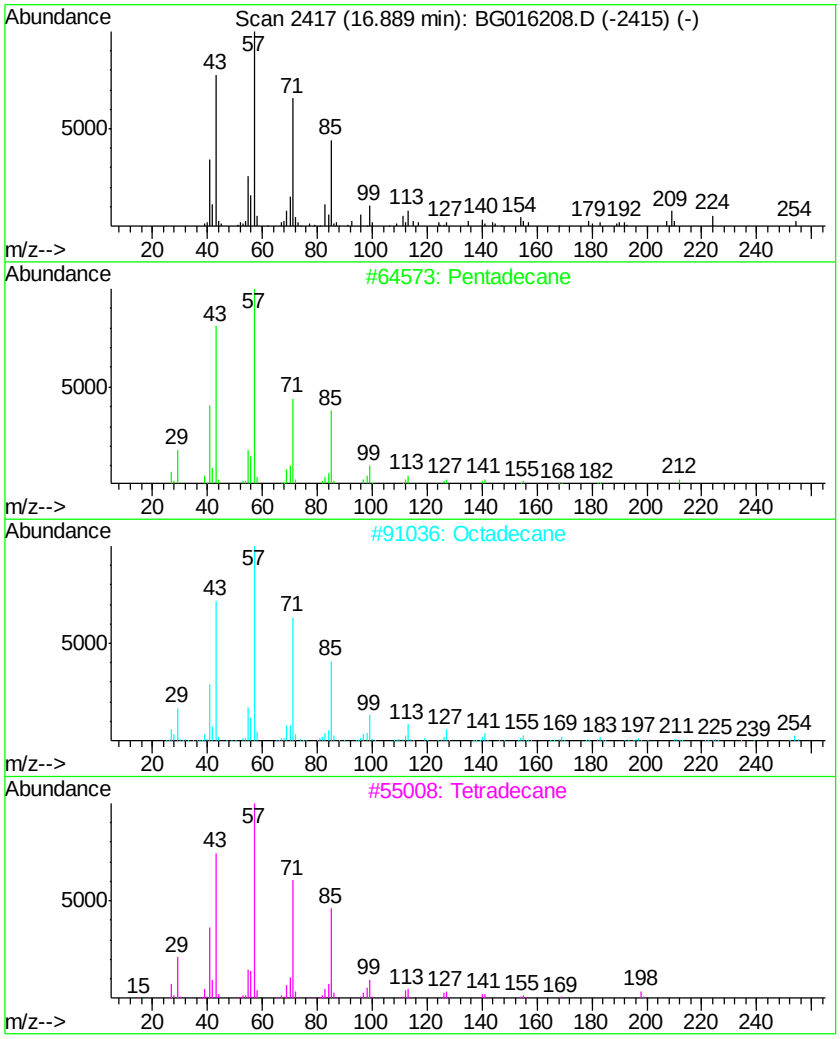
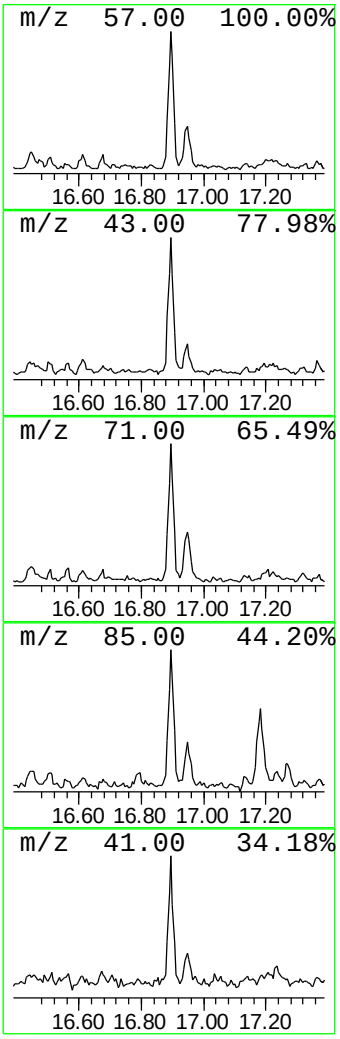
Peak Number 14 (DEL) Alkane: Straight-Chain Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	2.51 ng/ul	158313	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Octadecane	254	C18H38	000593-45-3	83
3	Tetradecane	198	C14H30	000629-59-4	72
4	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	64
5	Pentadecane	212	C15H32	000629-62-9	64





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Misc :
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Quant Title : SVOA CALIBRATION

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

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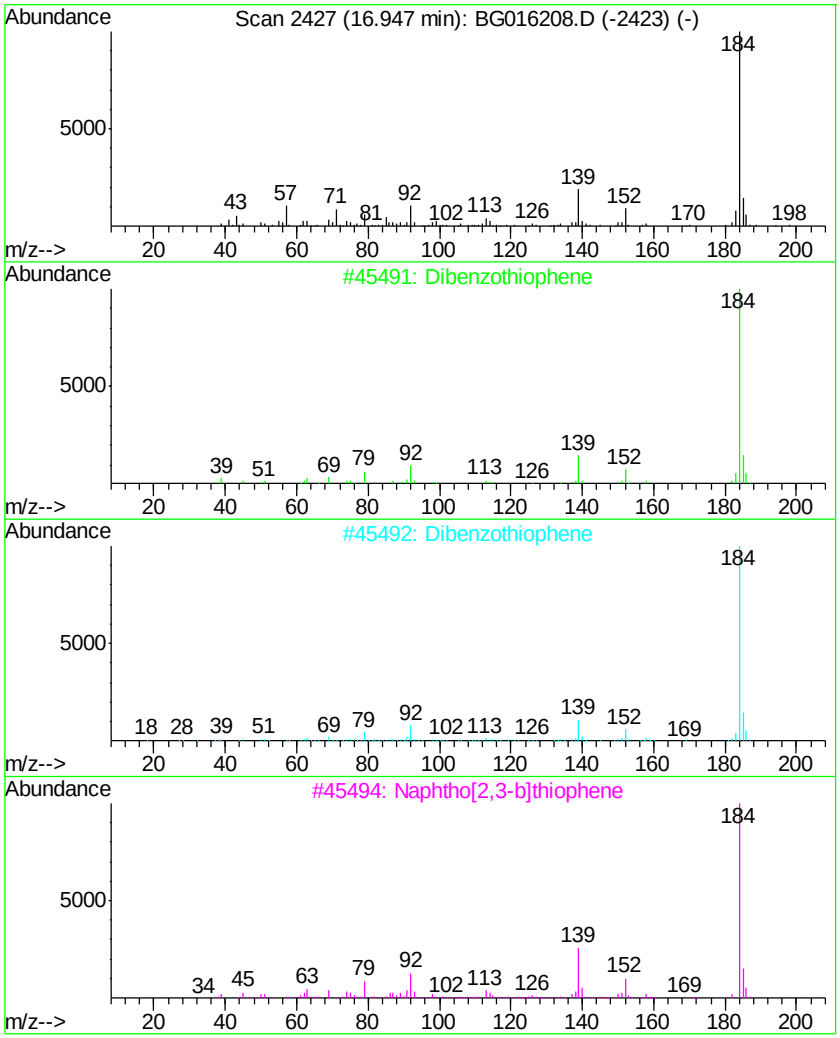
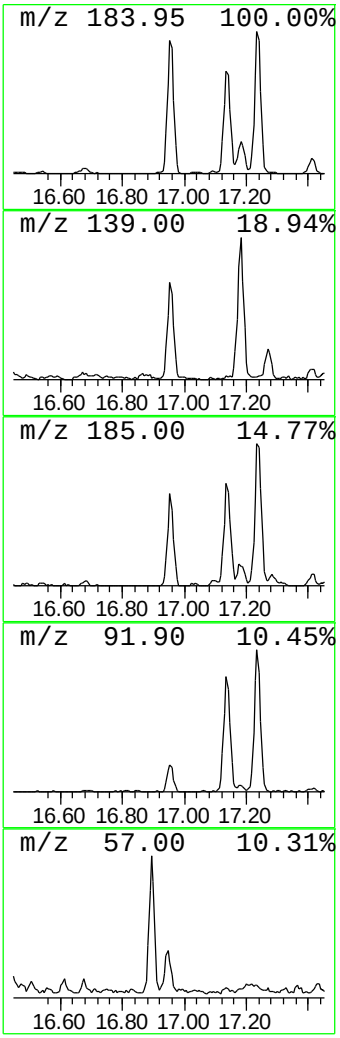
Peak Number 15 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	4.36 ng/ul	275298	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Quant Title : SVOA CALIBRATION

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

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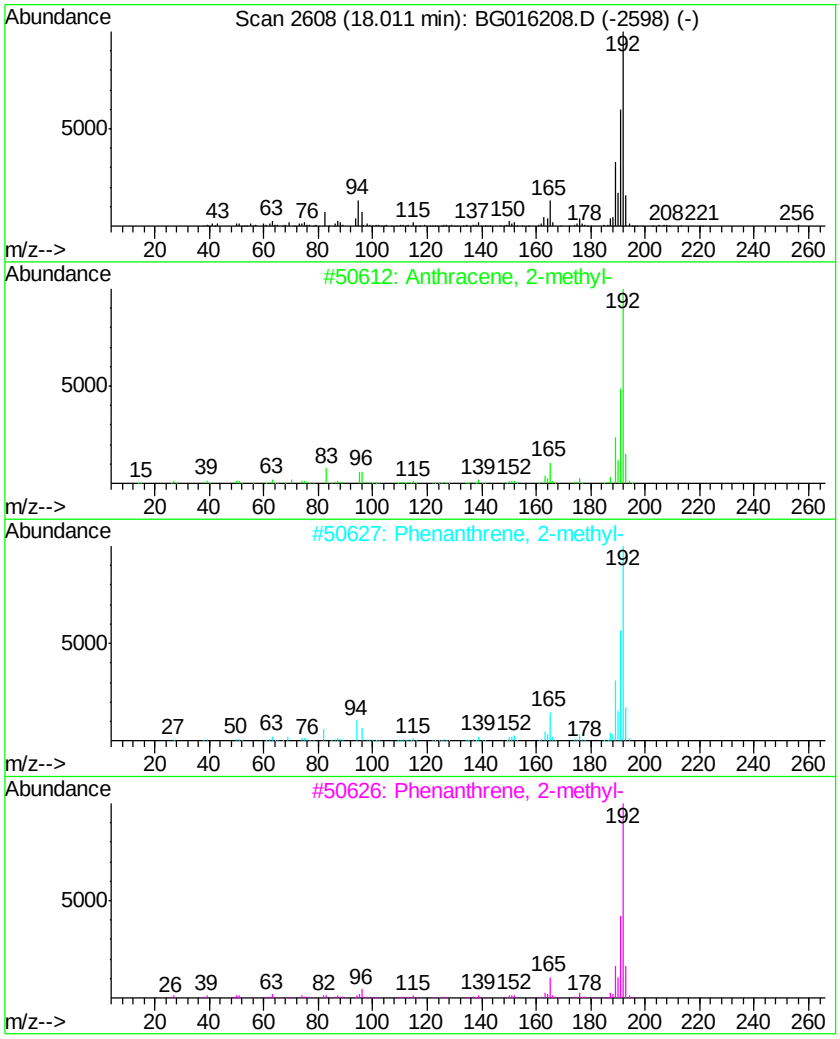
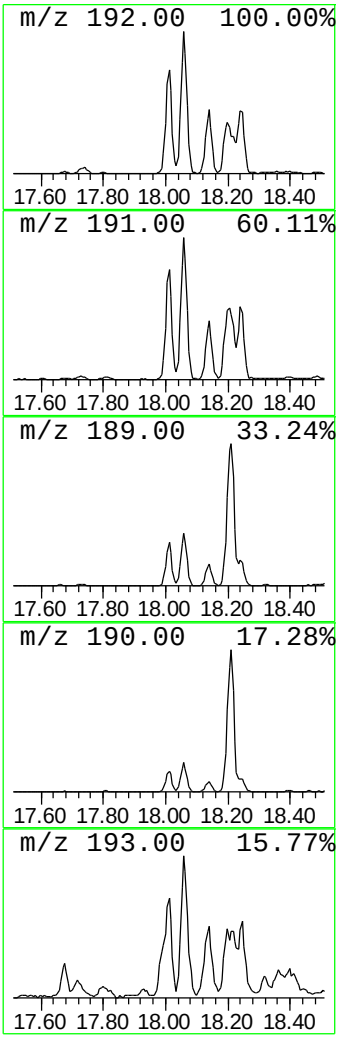
Peak Number 16 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	9.66 ng/ul	609916	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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ClientSampleId : C0AD6

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Quant Title : SVOA CALIBRATION

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

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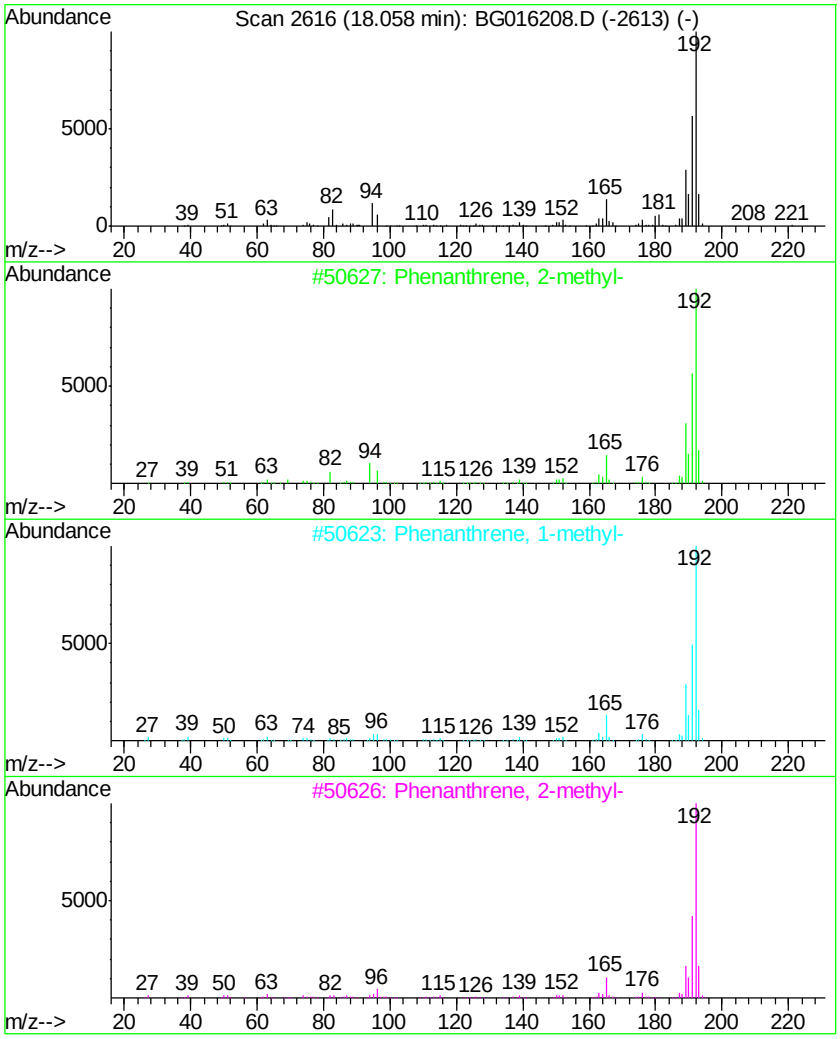
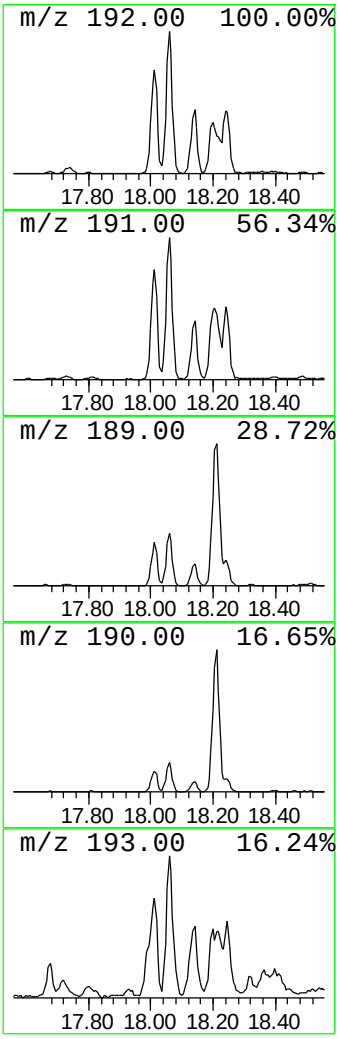
Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	7.91 ng/ul	499446	Phenanthrene-d10	17.14

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	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Sample : G1647-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD6

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Quant Title : SVOA CALIBRATION

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

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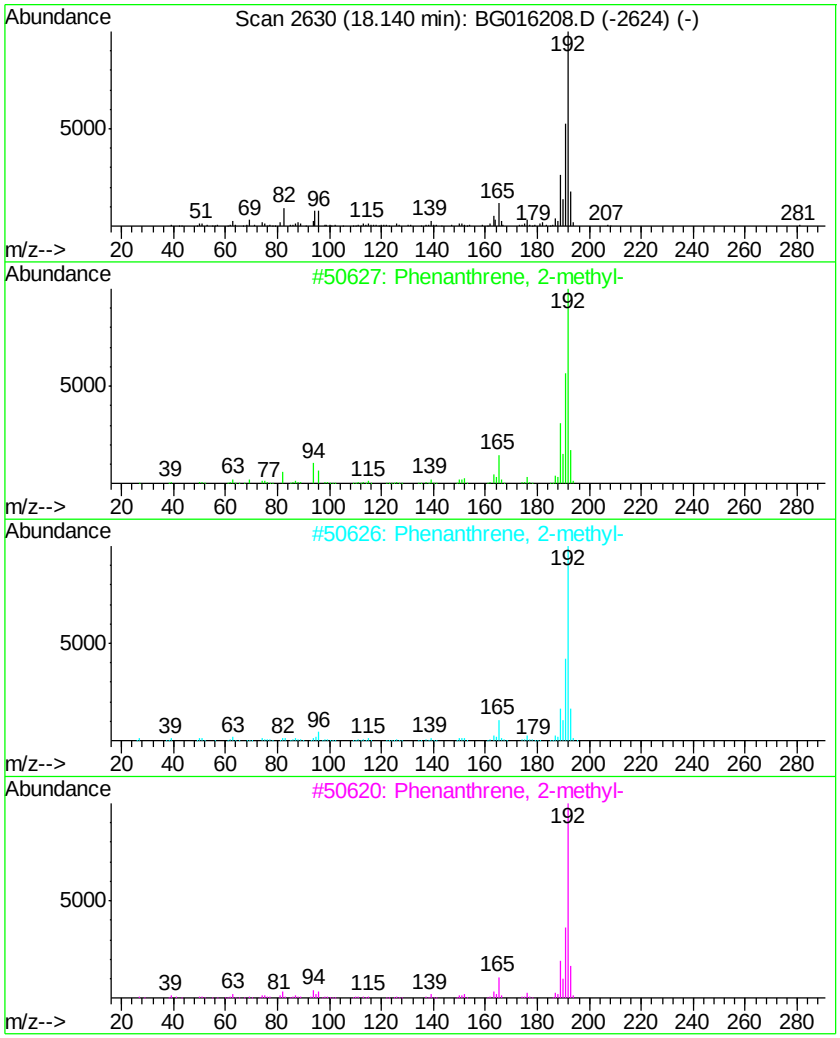
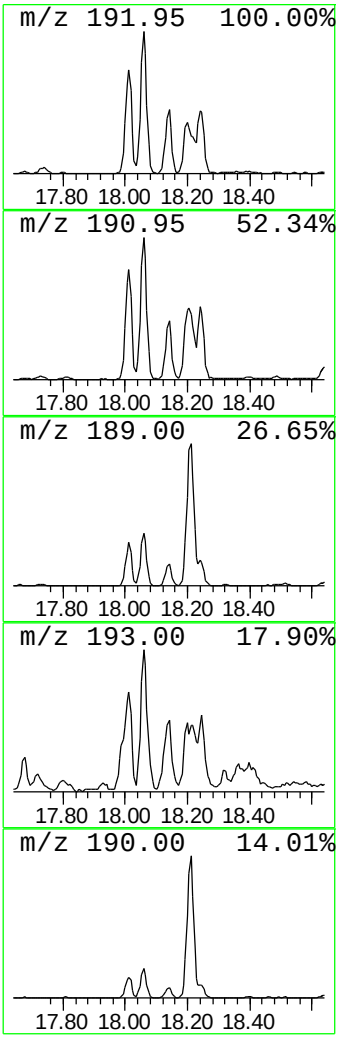
Peak Number 18 1H-Cyclopropa[l]phenanthren... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	3.18 ng/ul	200905	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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Data File : BG016208.D
Acq On : 31 Mar 2015 20:03
Operator : TP/IZ
Sample : G1647-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

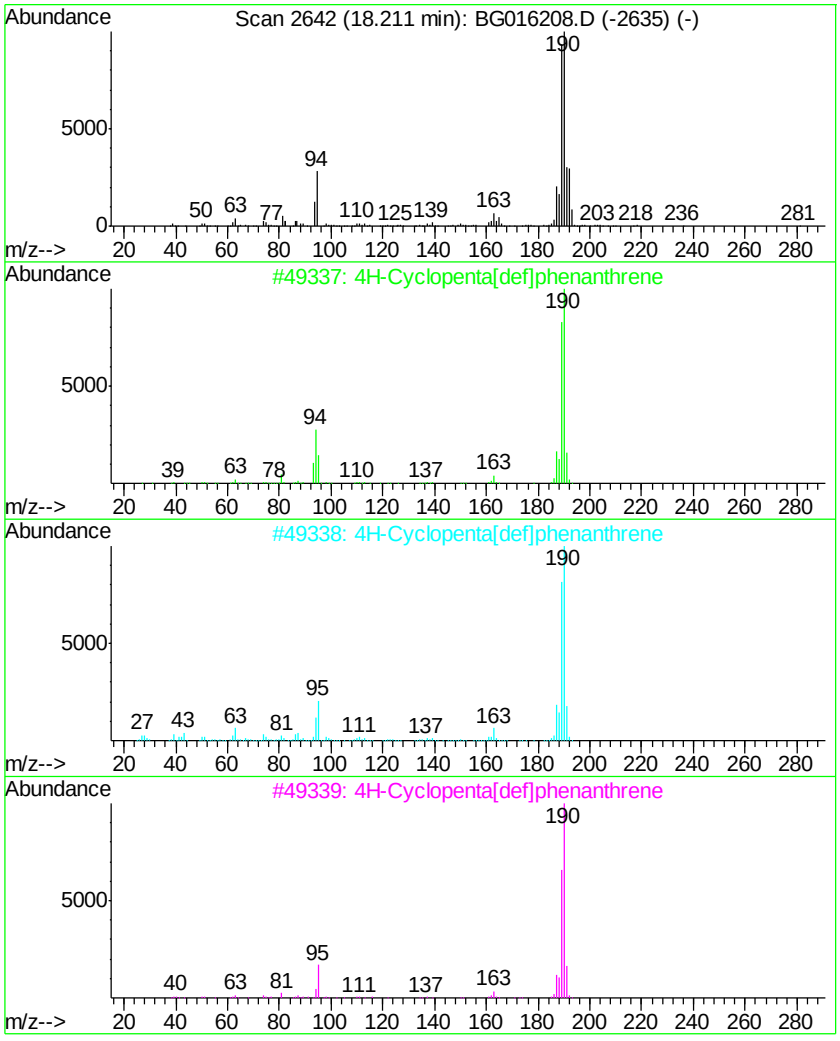
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

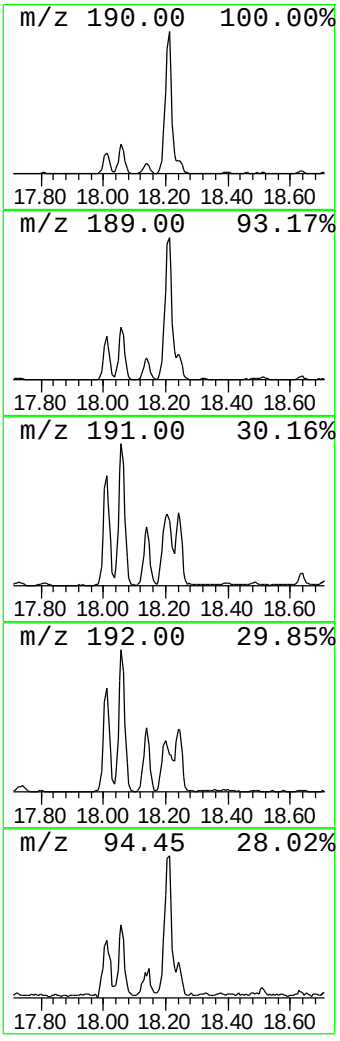
****

Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	9.64 ng/ul	608950	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Acq On : 31 Mar 2015 20:03
Operator : TP/IZ
Sample : G1647-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

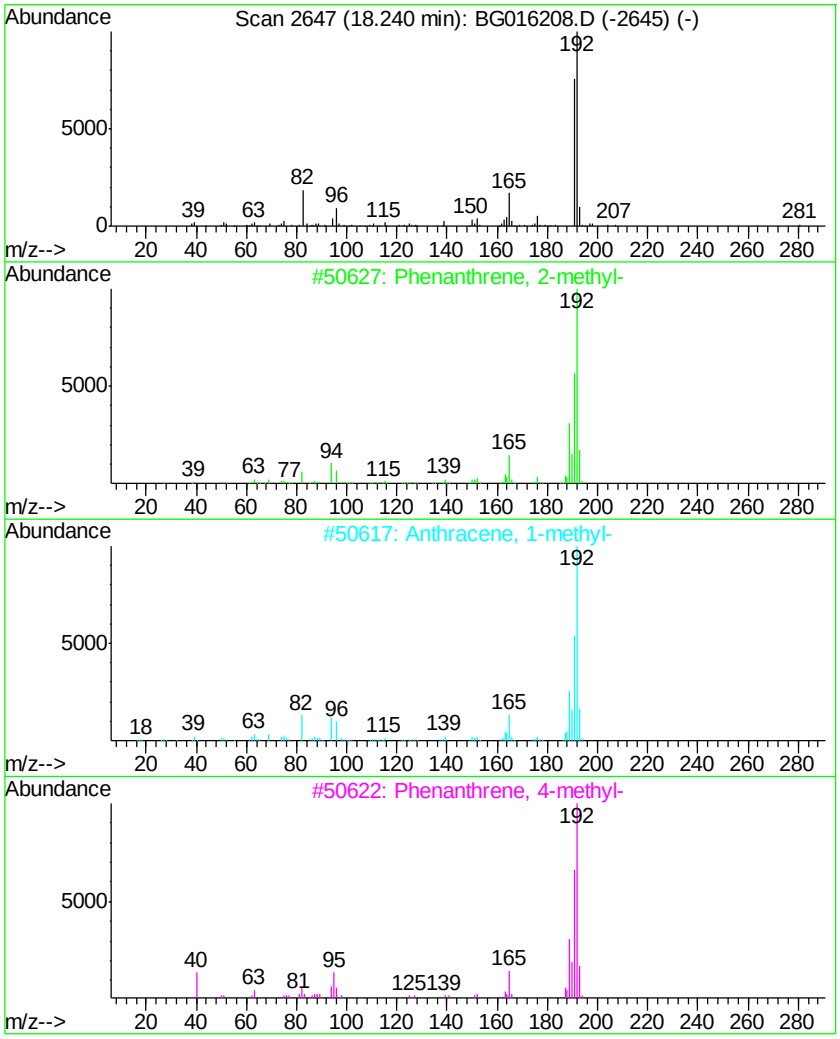
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

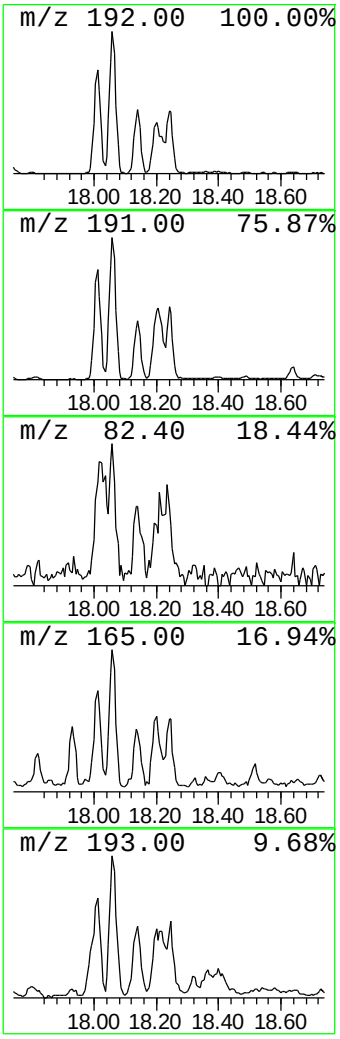
****

Peak Number 20 Anthracene, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	2.91 ng/ul	183842	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	78





Library Search Compound Report

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Data File : BG016208.D
Acq On : 31 Mar 2015 20:03
Operator : TP/IZ
Sample : G1647-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

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

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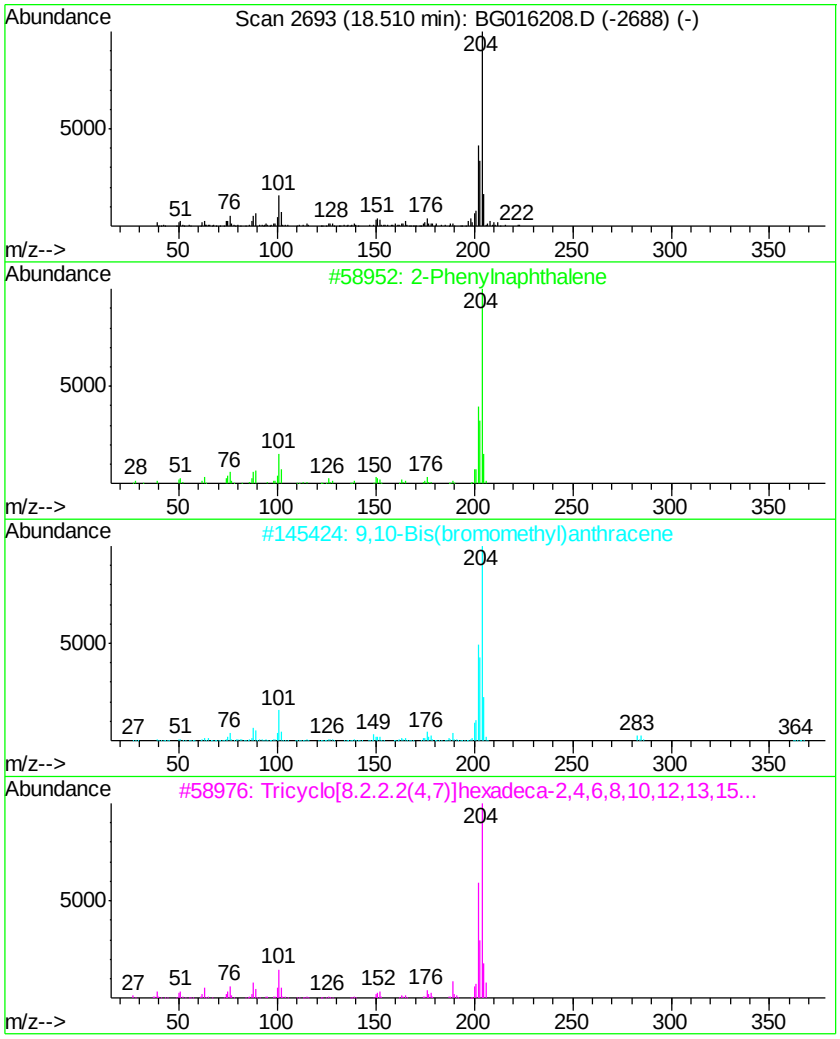
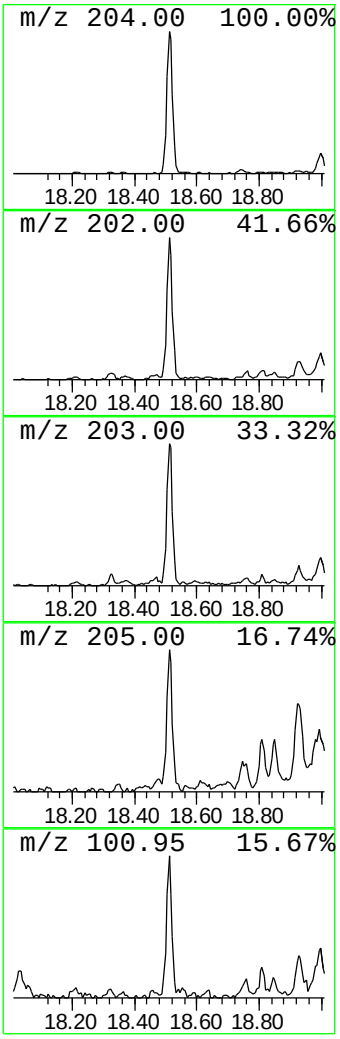
Peak Number 21 2-Phenylnaphthalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	3.84 ng/ul	242794	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	93
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83





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Acq On : 31 Mar 2015 20:03
Operator : TP/IZ
Sample : G1647-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

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

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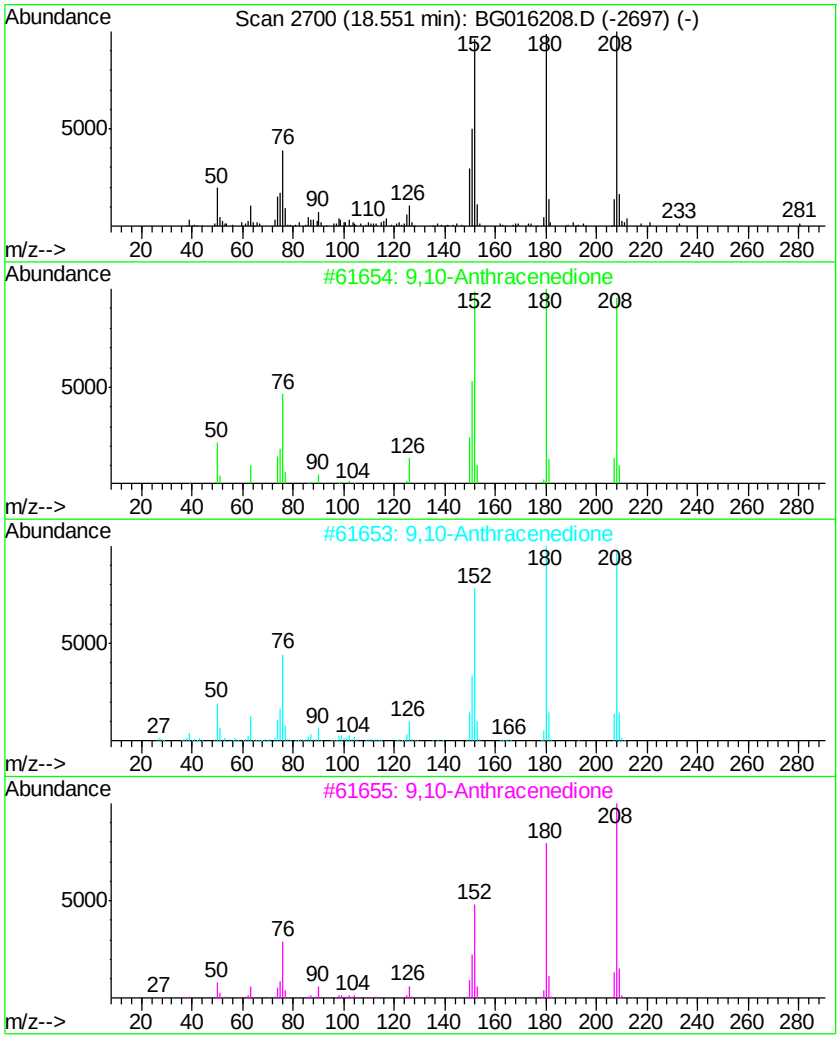
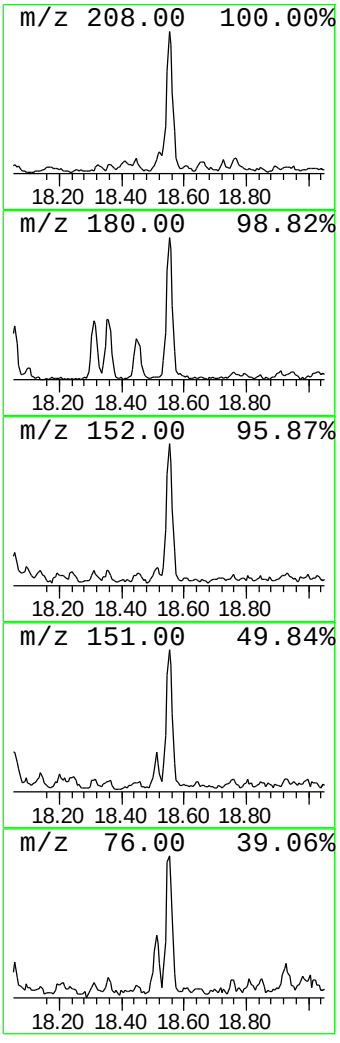
Peak Number 22 9,10-Anthracenedione Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	2.35 ng/ul	148322	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	62





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Acq On : 31 Mar 2015 20:03
Operator : TP/IZ
Sample : G1647-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

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

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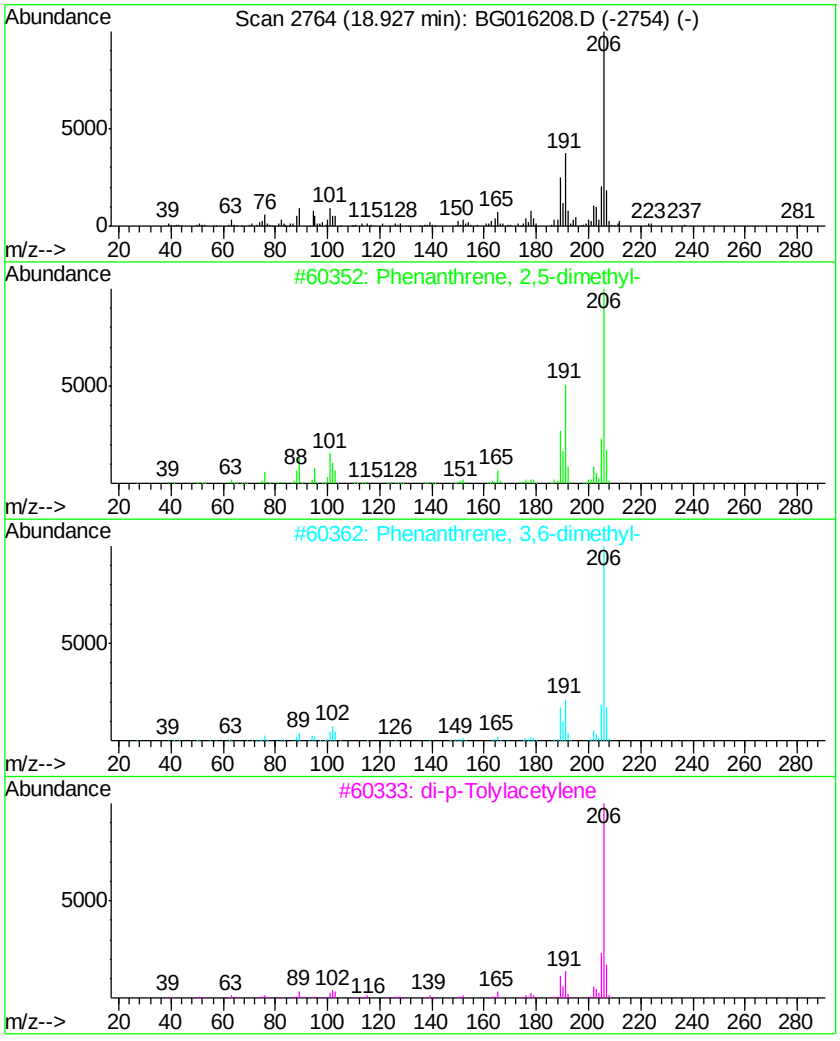
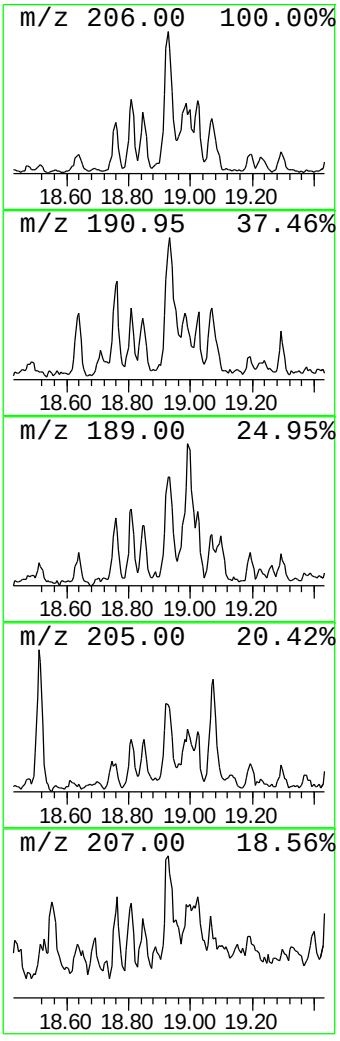
Peak Number 23 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	4.02 ng/ul	253708	Phenanthrene-d10	17.14

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	94
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016208.D
Acq On : 31 Mar 2015 20:03
Operator : TP/IZ
Sample : G1647-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

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

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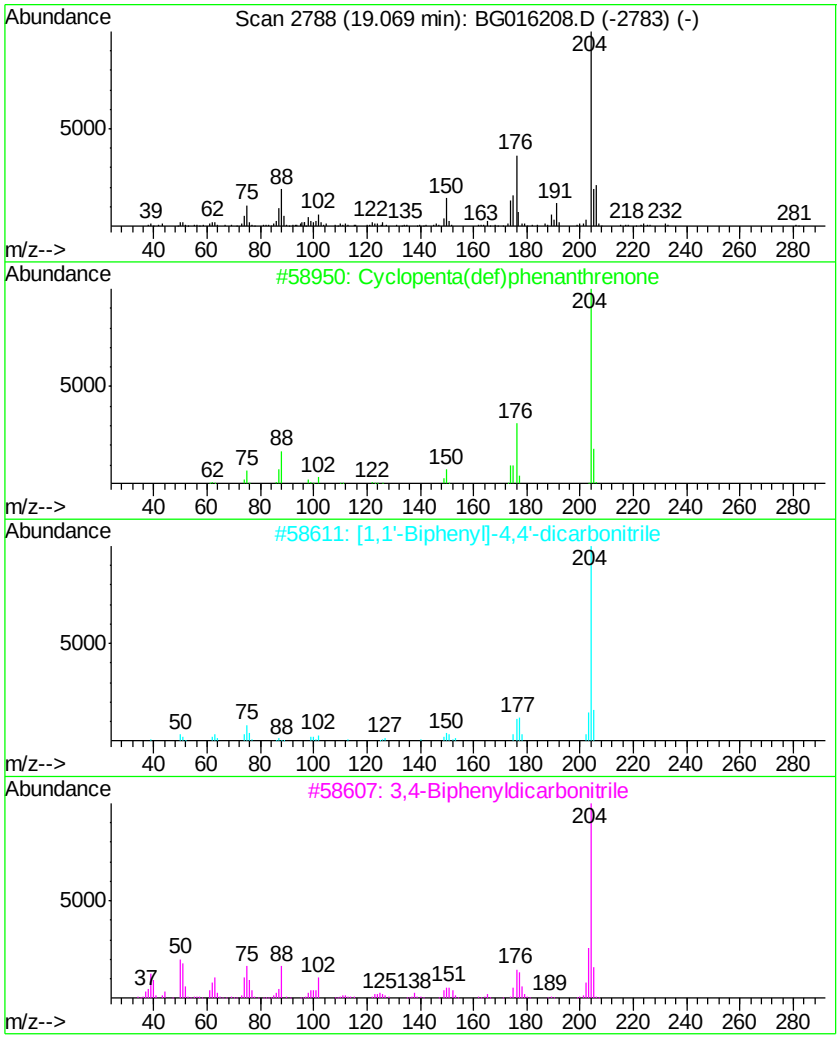
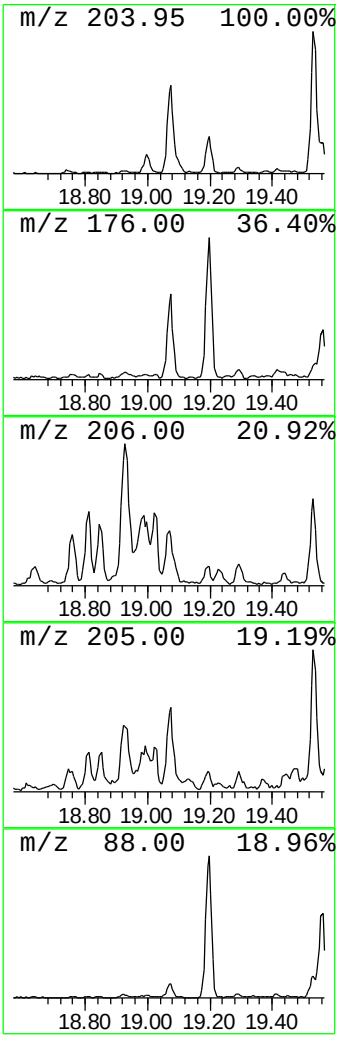
Peak Number 24 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	3.40 ng/ul	214795	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	56
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	53
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016208.D
Acq On : 31 Mar 2015 20:03
Operator : TP/IZ
Sample : G1647-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

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

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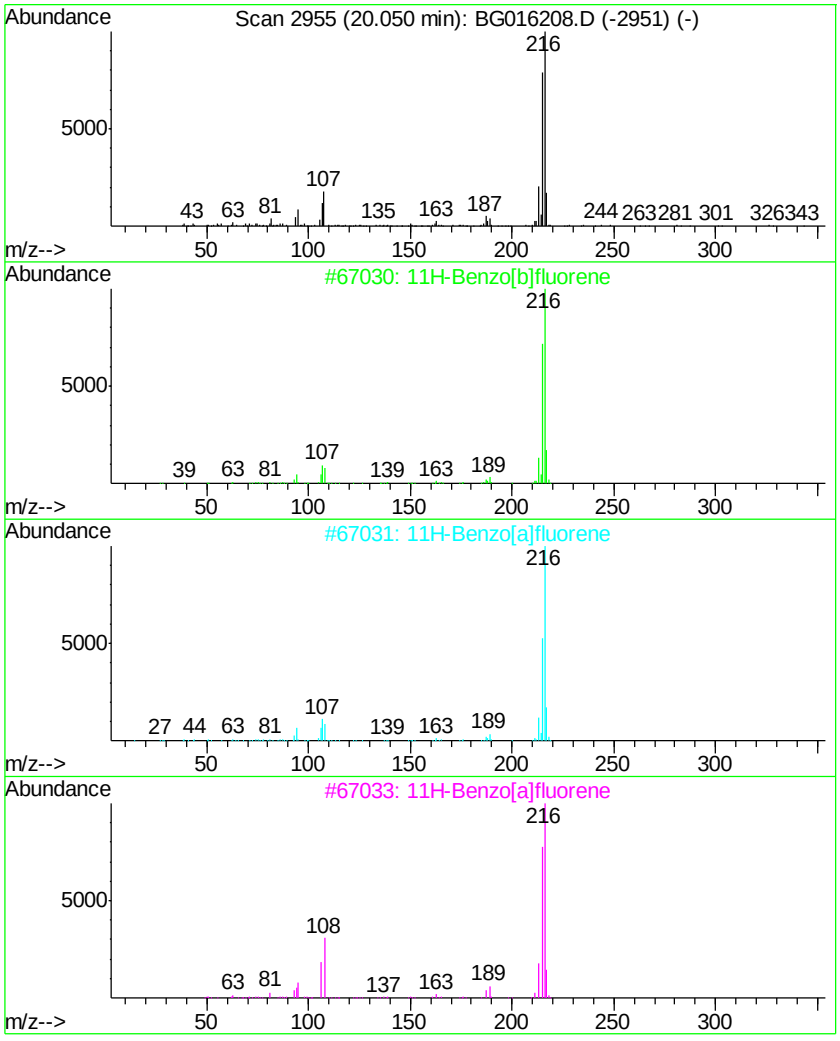
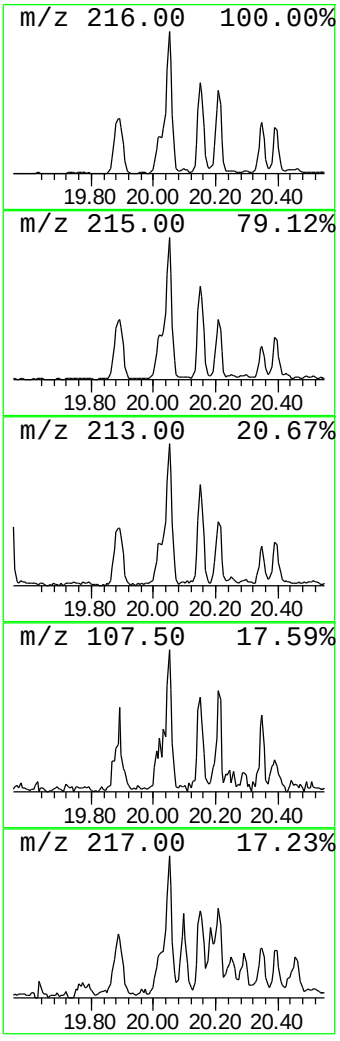
Peak Number 25 11H-Benzo[b]fluorene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	2.45 ng/ul	334976	Chrysene-d12	21.31

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





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016208.D
Acq On : 31 Mar 2015 20:03
Operator : TP/IZ
Sample : G1647-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

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

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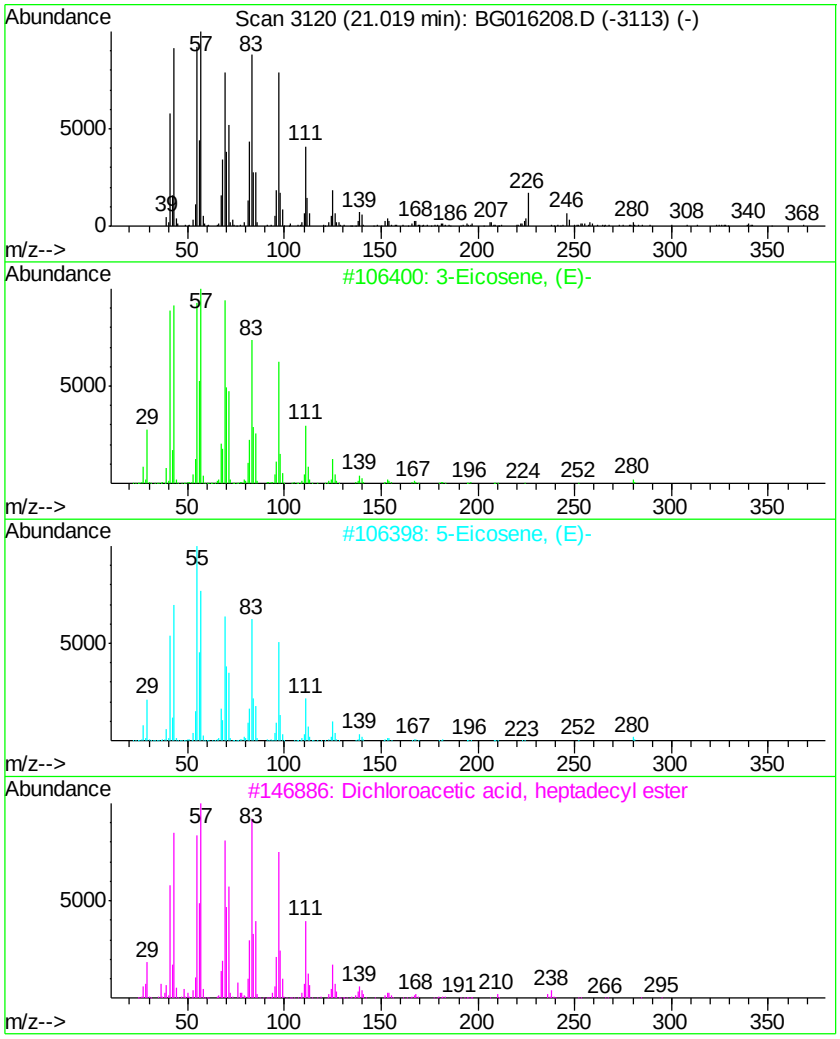
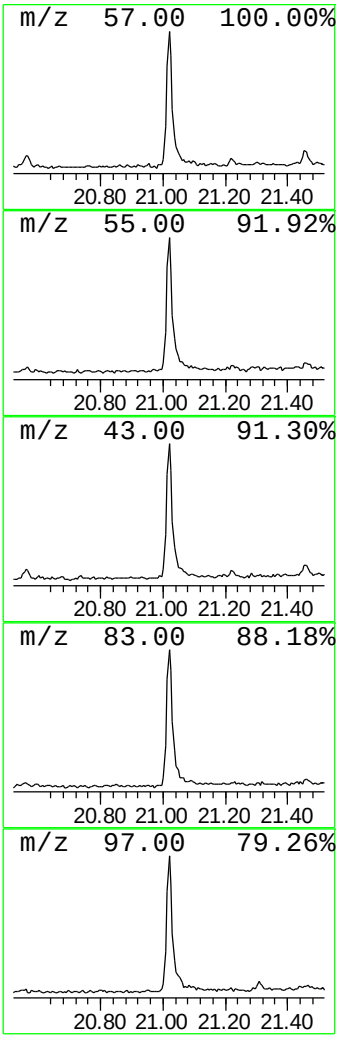
Peak Number 26 (DEL) Alkane: Cyclic Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	6.79 ng/ul	929543	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	Cyclohexadecane	224	C16H32	000295-65-8	93





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Sample : G1647-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

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

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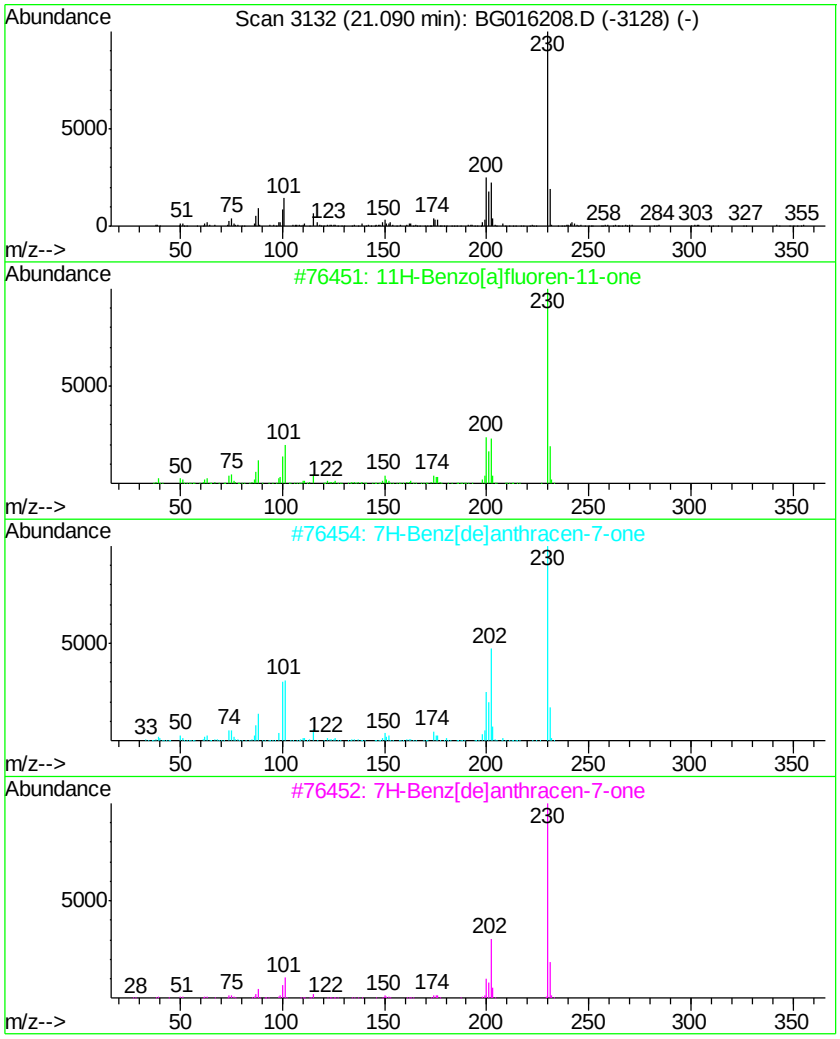
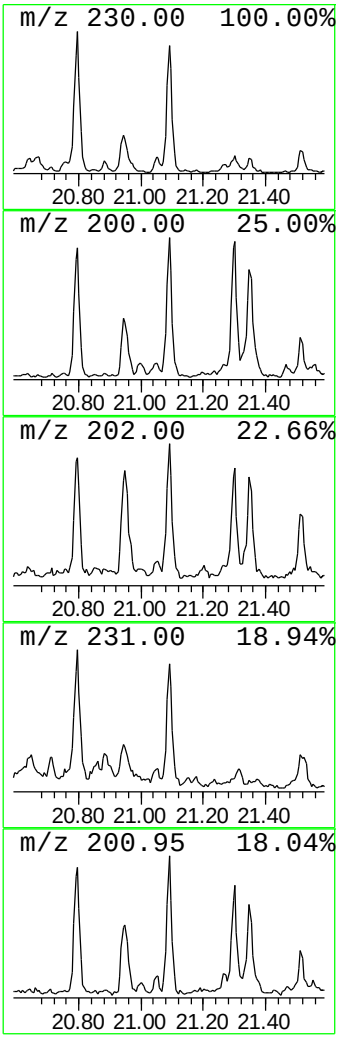
Peak Number 27 11H-Benzo[a]fluoren-11-one Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	2.16 ng/ul	296422	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	80
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	80
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016208.D
Acq On : 31 Mar 2015 20:03
Operator : TP/IZ
Sample : G1647-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.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
Butane, 2-methoxy...	2.98	50.9	ng/ul	1373600	1	7.76	540162	20.0
unknown4.89	4.89	3.4	ng/ul	90923	1	7.76	540162	20.0
Naphthalene, 1-me...	12.44	5.9	ng/ul	245654	2	10.56	838450	20.0
Naphthalene, 1,7-...	13.56	2.3	ng/ul	130823	3	14.40	1147970	20.0
Naphthalene, 2,3-...	13.72	4.7	ng/ul	269786	3	14.40	1147970	20.0
Naphthalene, 1,6-...	13.95	2.2	ng/ul	124615	3	14.40	1147970	20.0
Nordiphenamid	15.60	2.5	ng/ul	142689	3	14.40	1147970	20.0
Dibenzofuran, 4-m...	15.74	3.8	ng/ul	218932	3	14.40	1147970	20.0
2,4,6-Cycloheptat...	15.88	5.4	ng/ul	338422	4	17.14	1263350	20.0
(DEL) Alkane: Str...	16.10	3.7	ng/ul	235939	4	17.14	1263350	20.0
9H-Fluorene, 2-me...	16.44	3.4	ng/ul	212928	4	17.14	1263350	20.0
9H-Fluoren-9-one	16.79	5.3	ng/ul	335789	4	17.14	1263350	20.0
(DEL) Alkane: Str...	16.89	2.5	ng/ul	158313	4	17.14	1263350	20.0
Dibenzothiophene	16.95	4.4	ng/ul	275298	4	17.14	1263350	20.0
Anthracene, 2-met...	18.01	9.7	ng/ul	609916	4	17.14	1263350	20.0
Phenanthrene, 2-m...	18.06	7.9	ng/ul	499446	4	17.14	1263350	20.0
1H-Cyclopropa[l]p...	18.14	3.2	ng/ul	200905	4	17.14	1263350	20.0
4H-Cyclopenta[def...	18.21	9.6	ng/ul	608950	4	17.14	1263350	20.0
Anthracene, 1-met...	18.24	2.9	ng/ul	183842	4	17.14	1263350	20.0
2-Phenylnaphthalene	18.51	3.8	ng/ul	242794	4	17.14	1263350	20.0
9,10-Anthracenedione	18.55	2.4	ng/ul	148322	4	17.14	1263350	20.0
Phenanthrene, 2,5...	18.93	4.0	ng/ul	253708	4	17.14	1263350	20.0
Cyclopenta(def)ph...	19.07	3.4	ng/ul	214795	4	17.14	1263350	20.0
11H-Benzo[b]fluorene	20.05	2.5	ng/ul	334976	5	21.31	2738710	20.0
(DEL) Alkane: Cyclic	21.02	6.8	ng/ul	929543	5	21.31	2738710	20.0
11H-Benzo[a]fluor...	21.09	2.2	ng/ul	296422	5	21.31	2738710	20.0