LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018160.D
Acq On : 28 Jul 2015 23:18
Operator : TP/UM
Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

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-BG072315.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	3.358	109	114	120	rVB	29790	39924	0.25%	0.054%
2	6.607	662	667	672	rBV	27641	37820	0.24%	0.051%
3	6.701	680	683	686	rVV	45088	63804	0.40%	0.086%
4	6.742	686	690	697	rVB	49509	74196	0.47%	0.100%
5	6.854	703	709	714	rBV	41175	65127	0.41%	0.088%
6	7.048	737	742	748	rVB	56120	84776	0.54%	0.115%
7	7.165	755	762	768	rVB	112649	175430	1.11%	0.237%
8	7.512	811	821	828	rVV	207466	325501	2.06%	0.440%
9	7.624	836	840	849	rVB2	27741	49748	0.32%	0.067%
10	7.882	877	884	892	rVB	239486	370512	2.35%	0.501%
11	8.053	908	913	919	rVB3	21230	39668	0.25%	0.054%
12	8.153	925	930	934	rBV	26228	42777	0.27%	0.058%
13	8.611	997	1008	1013	rBV5	37340	79223	0.50%	0.107%
14	8.664	1013	1017	1024	rVV2	54841	108262	0.69%	0.146%
15	8.858	1046	1050	1057	rVB8	21335	40843	0.26%	0.055%
16	8.987	1067	1072	1079	rVB6	16697	38160	0.24%	0.052%
17	9.386	1134	1140	1145	rBV3	55380	100247	0.64%	0.135%
18	9.927	1222	1232	1238	rVB2	62899	118125	0.75%	0.160%
19	10.297	1283	1295	1300	rVV	299214	562848	3.57%	0.761%
20	10.344	1300	1303	1311	rVV	68881	128410	0.81%	0.174%
21	10.473	1319	1325	1329	rVV	70907	115784	0.73%	0.156%
22	10.973	1403	1410	1412	rBV5	21646	36755	0.23%	0.050%
23	11.143	1433	1439	1446	rBV10	19047	42197	0.27%	0.057%
24	11.337	1466	1472	1480	rBV2	73320	129860	0.82%	0.176%
25	11.972	1568	1580	1586	rVB4	47940	116433	0.74%	0.157%
26	12.195	1613	1618	1622	rBV2	22295	39339	0.25%	0.053%
27	12.448	1657	1661	1668	rVB4	19777	39076	0.25%	0.053%
28	12.718	1702	1707	1711	rVV	56993	77848	0.49%	0.105%
29	13.329	1805	1811	1820	rBV6	38611	98195	0.62%	0.133%
30	13.458	1829	1833	1837	rBV	29448	44171	0.28%	0.060%
31	13.499	1837	1840	1846	rVV2	33299	56968	0.36%	0.077%
32	13.599	1853	1857	1861	rVV	141352	186873	1.18%	0.253%
33	13.646	1861	1865	1868	rVV	56605	81819	0.52%	0.111%
34	13.681	1868	1871	1875	rVB3	43095	56629	0.36%	0.077%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018160.D
Acq On : 28 Jul 2015 23:18
Operator : TP/UM
Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

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-BG072315.M
Title : SVOA CALIBRATION

35	13.875	1898	1904	1914	rVB	135733	225390	1.43%	0.305%
36	14.187	1947	1957	1963	rVV2	421254	662361	4.20%	0.895%
37	14.410	1988	1995	2003	rVV4	43369	97271	0.62%	0.131%
38	14.592	2022	2026	2032	rVV3	40327	75061	0.48%	0.101%
39	14.668	2032	2039	2045	rVB2	35061	57511	0.36%	0.078%
40	14.809	2057	2063	2068	rBV2	28736	53726	0.34%	0.073%
41	14.862	2068	2072	2077	rVB	28062	39127	0.25%	0.053%
42	14.980	2083	2092	2095	rBV7	21544	49453	0.31%	0.067%
43	15.185	2122	2127	2132	rVB	172191	239739	1.52%	0.324%
44	15.285	2140	2144	2149	rBV4	19512	38276	0.24%	0.052%
45	15.467	2169	2175	2181	rVB5	38122	70895	0.45%	0.096%
46	15.697	2205	2214	2219	rVB10	16952	59969	0.38%	0.081%
47	15.926	2248	2253	2255	rBV5	49554	79626	0.50%	0.108%
48	15.949	2255	2257	2261	rVB2	59610	67323	0.43%	0.091%
49	16.055	2268	2275	2278	rBV3	24020	58823	0.37%	0.080%
50	16.096	2278	2282	2288	rVV3	25323	37906	0.24%	0.051%
51	16.214	2297	2302	2306	rBV2	41246	80328	0.51%	0.109%
52	16.719	2384	2388	2391	rBV3	56576	69128	0.44%	0.093%
53	16.772	2391	2397	2404	rVV3	50131	96388	0.61%	0.130%
54	16.942	2420	2426	2430	rBV2	500948	678978	4.30%	0.918%
55	16.983	2430	2433	2438	rVB	117703	147506	0.94%	0.199%
56	17.042	2438	2443	2447	rBV	168815	242433	1.54%	0.328%
57	17.142	2455	2460	2465	rBV8	28111	57213	0.36%	0.077%
58	17.812	2569	2574	2579	rBV2	51542	98217	0.62%	0.133%
59	17.876	2579	2585	2592	rBV2	332866	712504	4.52%	0.963%
60	17.935	2592	2595	2600	rVB2	58110	87961	0.56%	0.119%
61	18.017	2604	2609	2614	rBV4	70985	131727	0.84%	0.178%
62	18.164	2630	2634	2639	rBV6	58923	110478	0.70%	0.149%
63	18.241	2642	2647	2648	rVV2	138021	201161	1.28%	0.272%
64	18.258	2648	2650	2654	rVB	189476	201586	1.28%	0.272%
65	18.305	2654	2658	2660	rBV3	27301	38810	0.25%	0.052%
66	18.429	2675	2679	2680	rBV2	98508	118897	0.75%	0.161%
67	18.599	2699	2708	2712	rVV	9279622	15773444	100.00%	21.320%
68	18.634	2712	2714	2722	rVB9	49658	58484	0.37%	0.079%
69	18.723	2726	2729	2733	rVB	92140	112151	0.71%	0.152%
70	19.016	2775	2779	2782	rBV	301736	474752	3.01%	0.642%
71	19.046	2782	2784	2786	rVV3	252929	309819	1.96%	0.419%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018160.D
Acq On : 28 Jul 2015 23:18
Operator : TP/UM
Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

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-BG072315.M
Title : SVOA CALIBRATION

72	19.087	2786	2791	2796	rVB	4031679	5159848	32.71%	6.974%
73	19.163	2801	2804	2813	rVB6	171733	294770	1.87%	0.398%
74	19.351	2832	2836	2839	rBV	228158	340203	2.16%	0.460%
75	19.381	2839	2841	2846	rVB	299466	358489	2.27%	0.485%
76	19.739	2899	2902	2906	rBV4	124345	168297	1.07%	0.227%
77	19.786	2907	2910	2917	rVB3	201024	398502	2.53%	0.539%
78	19.874	2921	2925	2928	rBV2	263997	344282	2.18%	0.465%
79	19.921	2930	2933	2940	rVB	221438	275087	1.74%	0.372%
80	20.021	2946	2950	2955	rBV2	817781	995272	6.31%	1.345%
81	20.215	2980	2983	2988	rBV	320152	367986	2.33%	0.497%
82	20.421	3014	3018	3022	rVB	689028	783184	4.97%	1.059%
83	20.573	3040	3044	3047	rBV	167188	245601	1.56%	0.332%
84	20.708	3062	3067	3070	rBV	604081	954733	6.05%	1.290%
85	20.744	3070	3073	3079	rVB3	375436	526418	3.34%	0.712%
86	20.844	3086	3090	3092	rBV	470336	696285	4.41%	0.941%
87	20.885	3092	3097	3104	rVB2	1593050	2363223	14.98%	3.194%
88	21.120	3134	3137	3139	rBV	367635	443043	2.81%	0.599%
89	21.155	3139	3143	3147	rVB	670542	925045	5.86%	1.250%
90	21.325	3167	3172	3176	rBV	2263130	2523702	16.00%	3.411%
91	21.660	3227	3229	3232	rBV	135938	144021	0.91%	0.195%
92	21.748	3239	3244	3249	rBV	2984070	3528425	22.37%	4.769%
93	21.807	3251	3254	3259	rVB3	265390	340907	2.16%	0.461%
94	22.207	3316	3322	3327	rVB	3107766	4158054	26.36%	5.620%
95	22.706	3401	3407	3412	rBV	3323250	4925784	31.23%	6.658%
96	23.264	3496	3502	3508	rVB	2642197	4683071	29.69%	6.330%
97	23.905	3604	3611	3618	rVB	2346879	4764765	30.21%	6.440%
98	24.645	3729	3737	3745	rVB	1489142	3525470	22.35%	4.765%
99	25.509	3876	3884	3892	rVB	1053448	2790871	17.69%	3.772%
100	26.519	4052	4056	4067	rVB2	593076	1576604	10.00%	2.131%

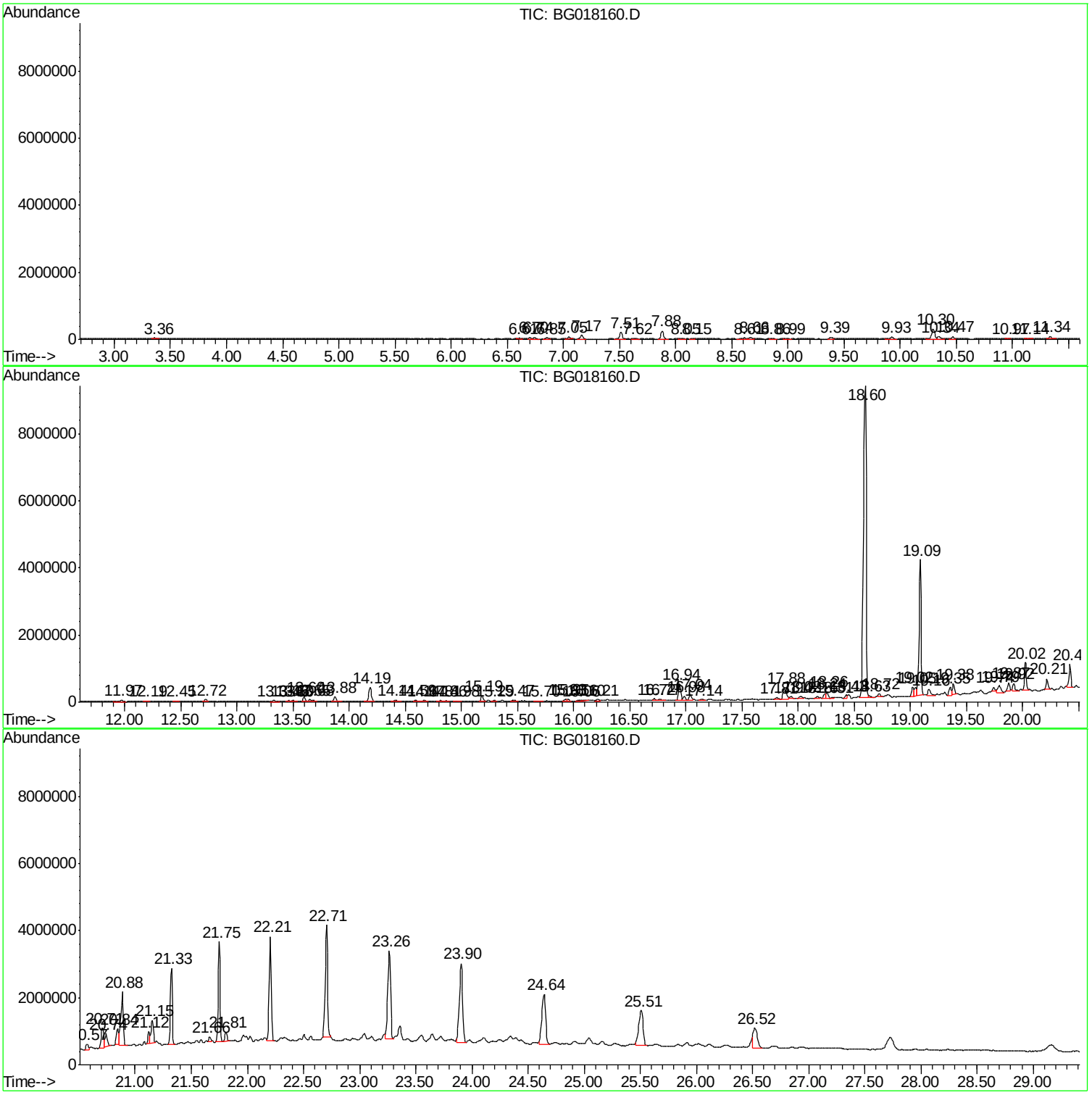
Sum of corrected areas: 73983712

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018160.D
Acq On : 28 Jul 2015 23:18
Operator : TP/UM
Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018160.D
Acq On : 28 Jul 2015 23:18
Operator : TP/UM
Sample : G3048-21
Misc :
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Instrument : BNA_G
ClientSampleId : C02K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

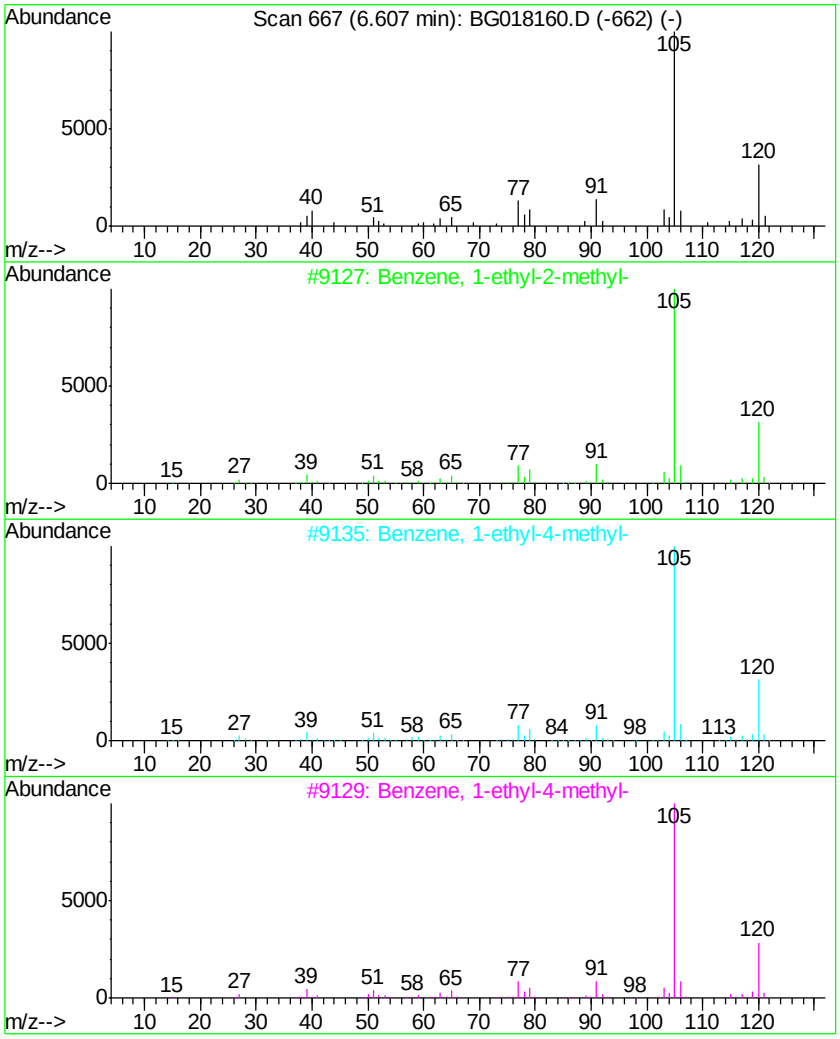
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

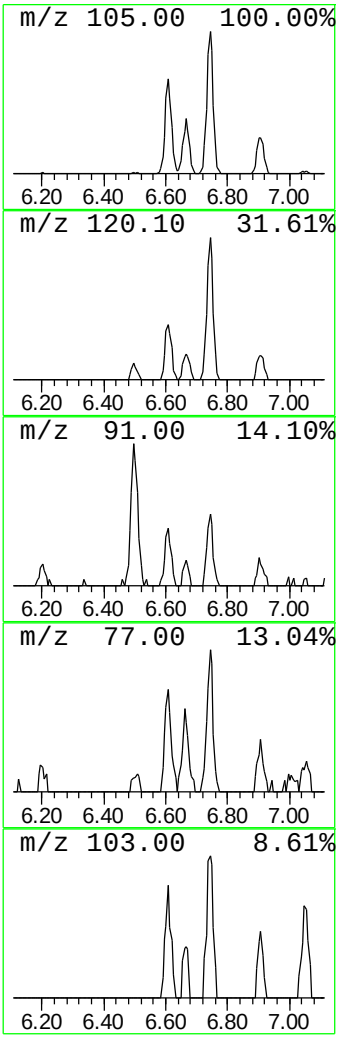
****

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	2.32 ng/ul	37820	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018160.D
Acq On : 28 Jul 2015 23:18
Operator : TP/UM
Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

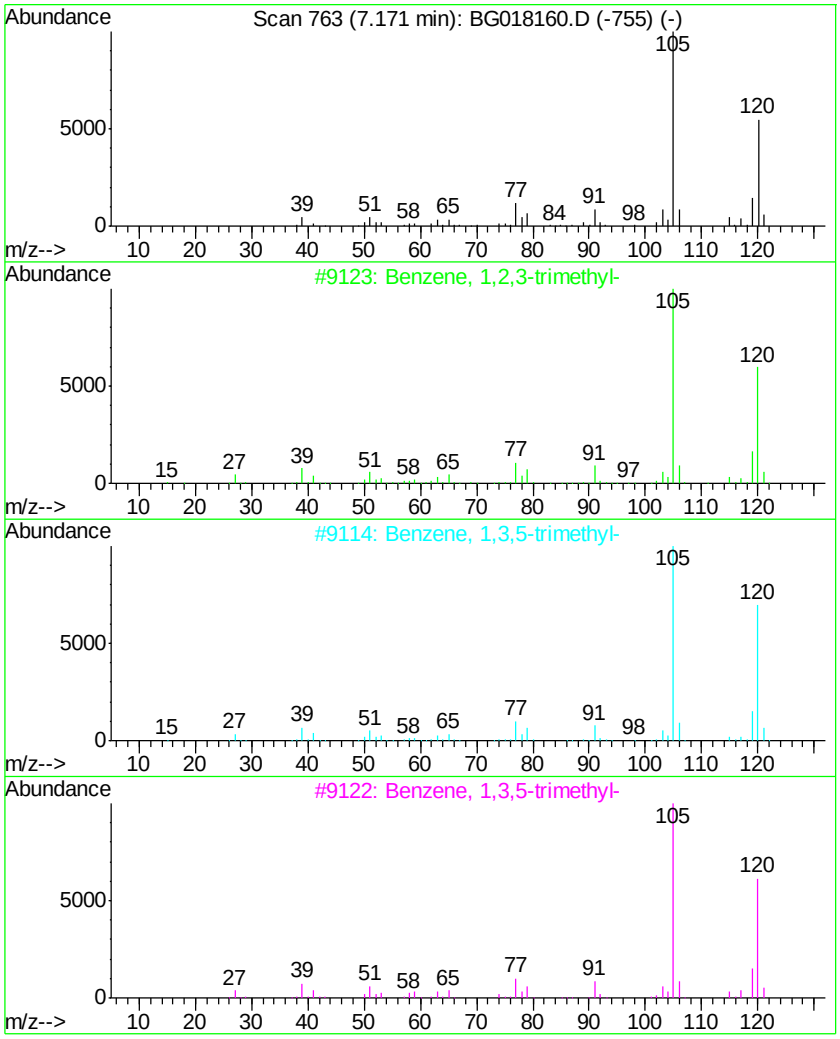
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

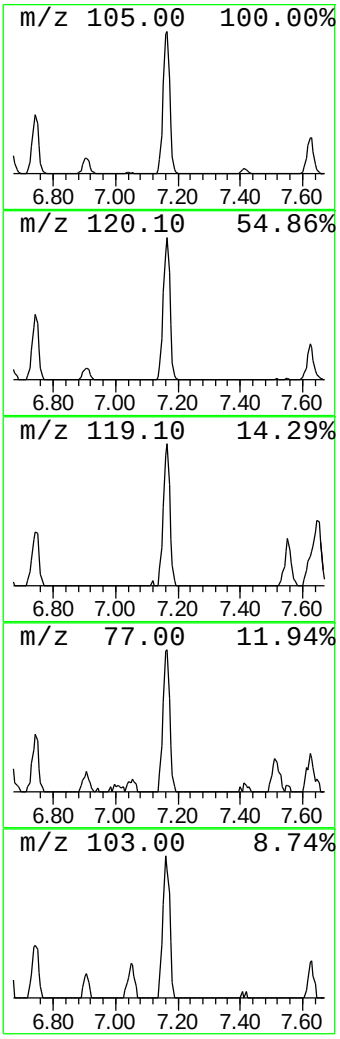
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	10.78 ng/ul	175430	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	95
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94





Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018160.D
Acq On : 28 Jul 2015 23:18
Operator : TP/UM
Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

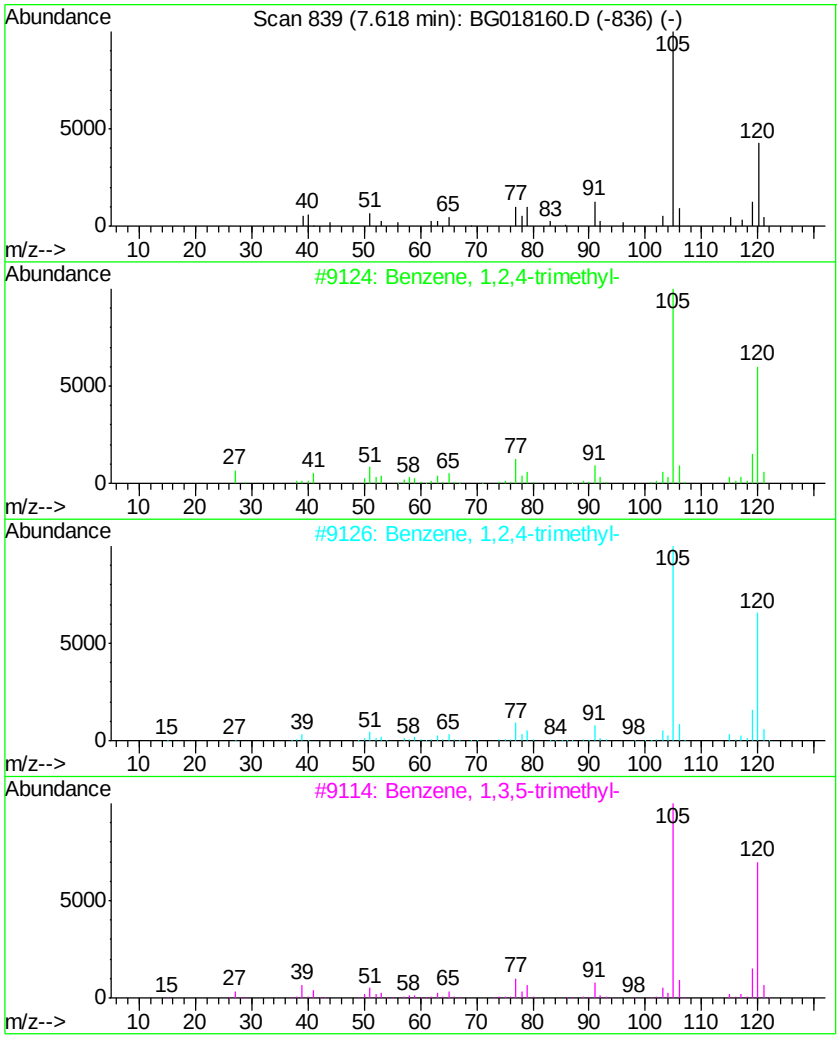
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

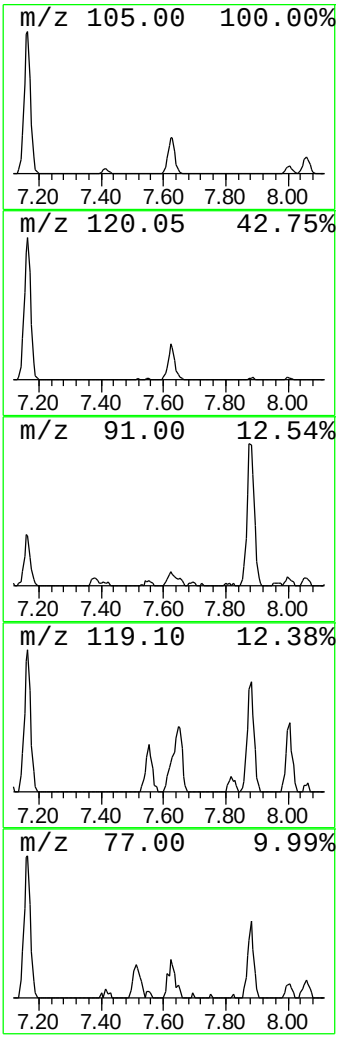
****

Peak Number 4 Benzene, 1,2,4-trimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	3.06 ng/ul	49748	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018160.D
Acq On : 28 Jul 2015 23:18
Operator : TP/UM
Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

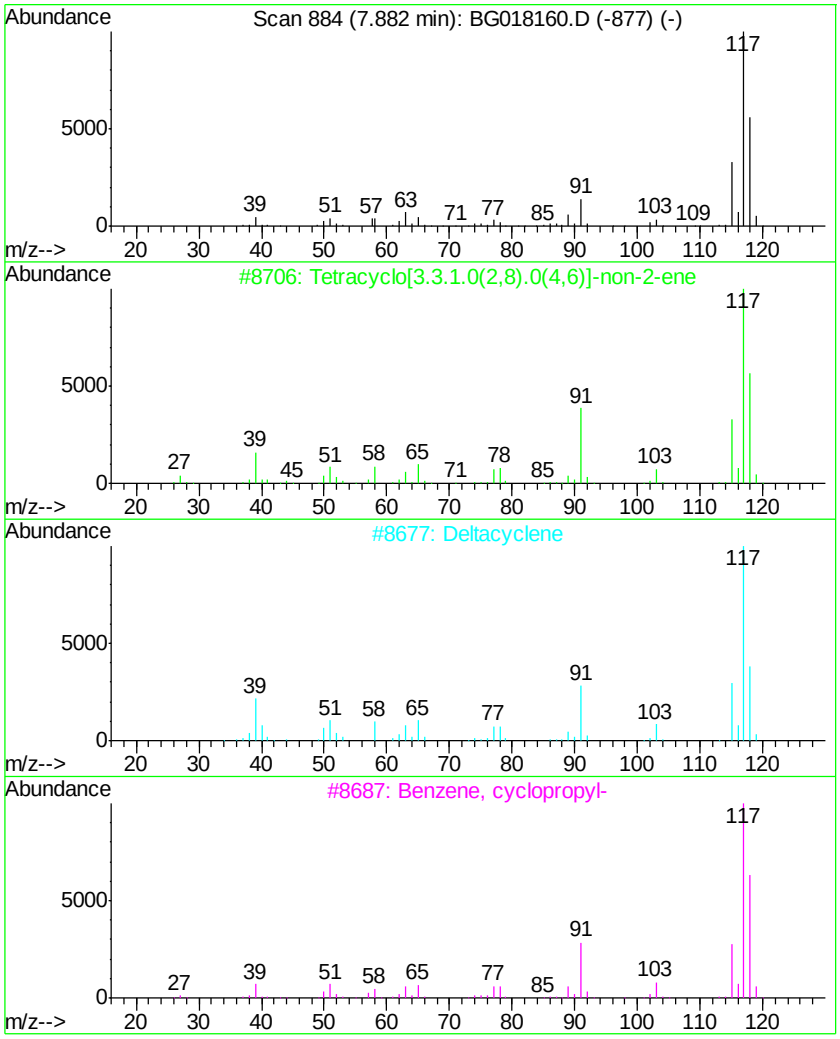
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

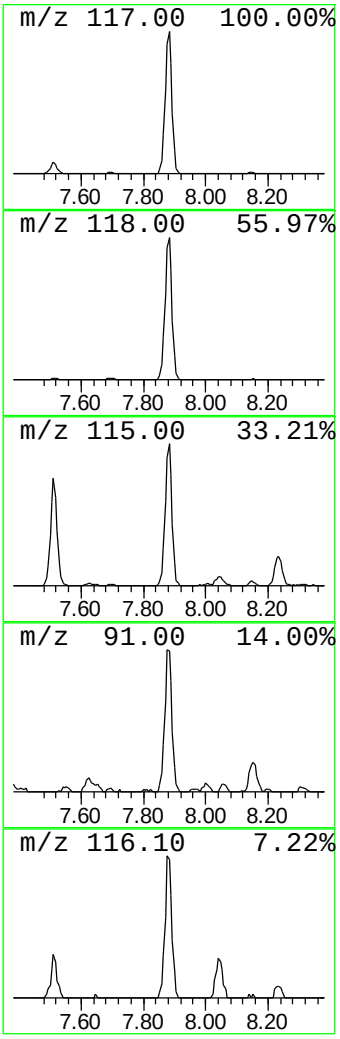
****

Peak Number 5 Tetracyclo[3.3.1.0(2,8).0(4... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	22.77 ng/ul	370512	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
2	Deltacyclene	118	C9H10	007785-10-6	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Indane	118	C9H10	000496-11-7	64
5	Indane	118	C9H10	000496-11-7	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018160.D
Acq On : 28 Jul 2015 23:18
Operator : TP/UM
Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

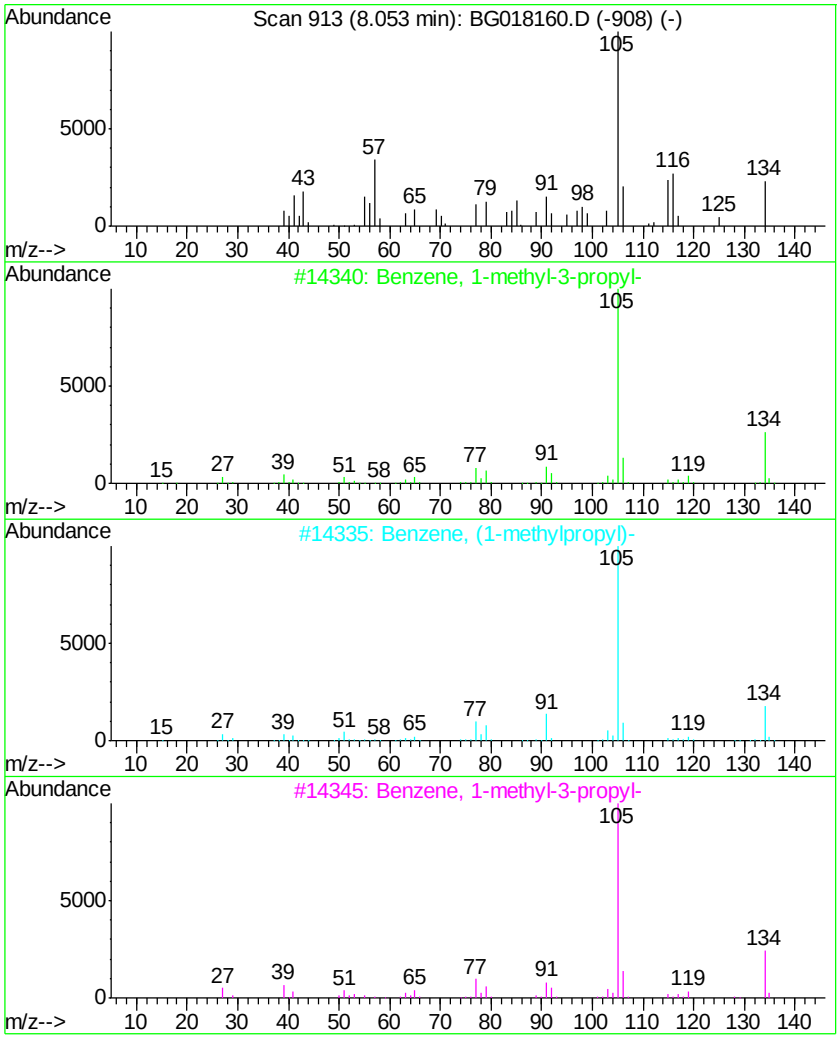
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

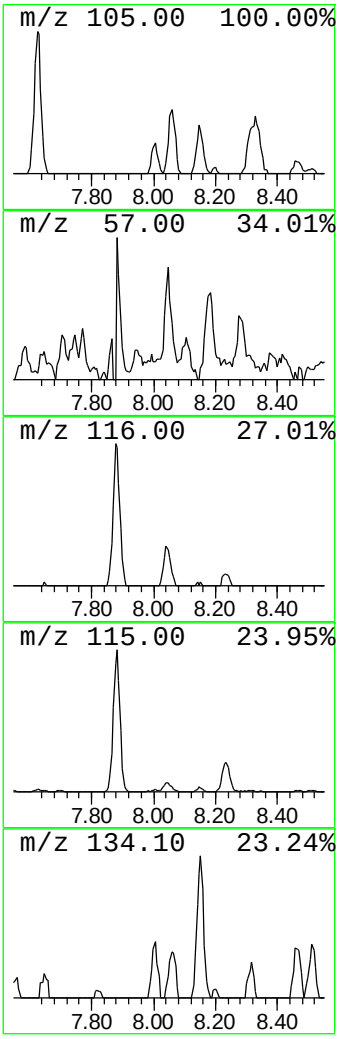
****

Peak Number 6 unknown-01 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	2.44 ng/ul	39668	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	35
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	35
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	27
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	27
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	27





Library Search Compound Report

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Data File : BG018160.D
Acq On : 28 Jul 2015 23:18
Operator : TP/UM
Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

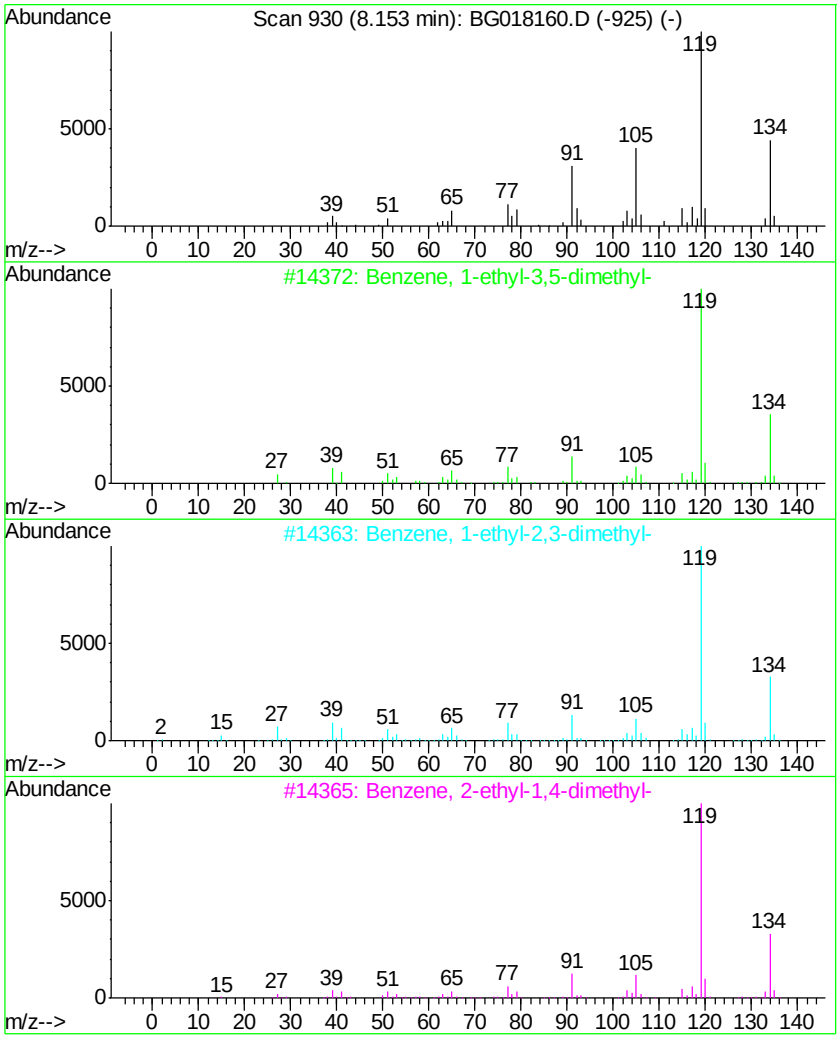
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

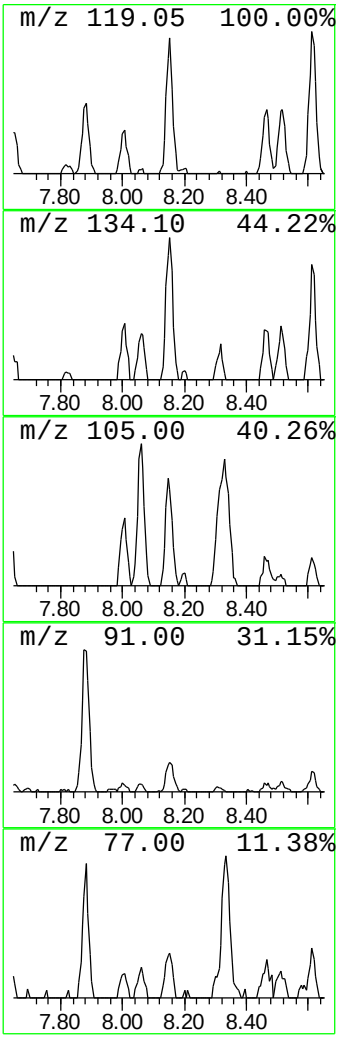
****

Peak Number 7 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	2.63 ng/ul	42777	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90





Library Search Compound Report

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Data File : BG018160.D
Acq On : 28 Jul 2015 23:18
Operator : TP/UM
Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

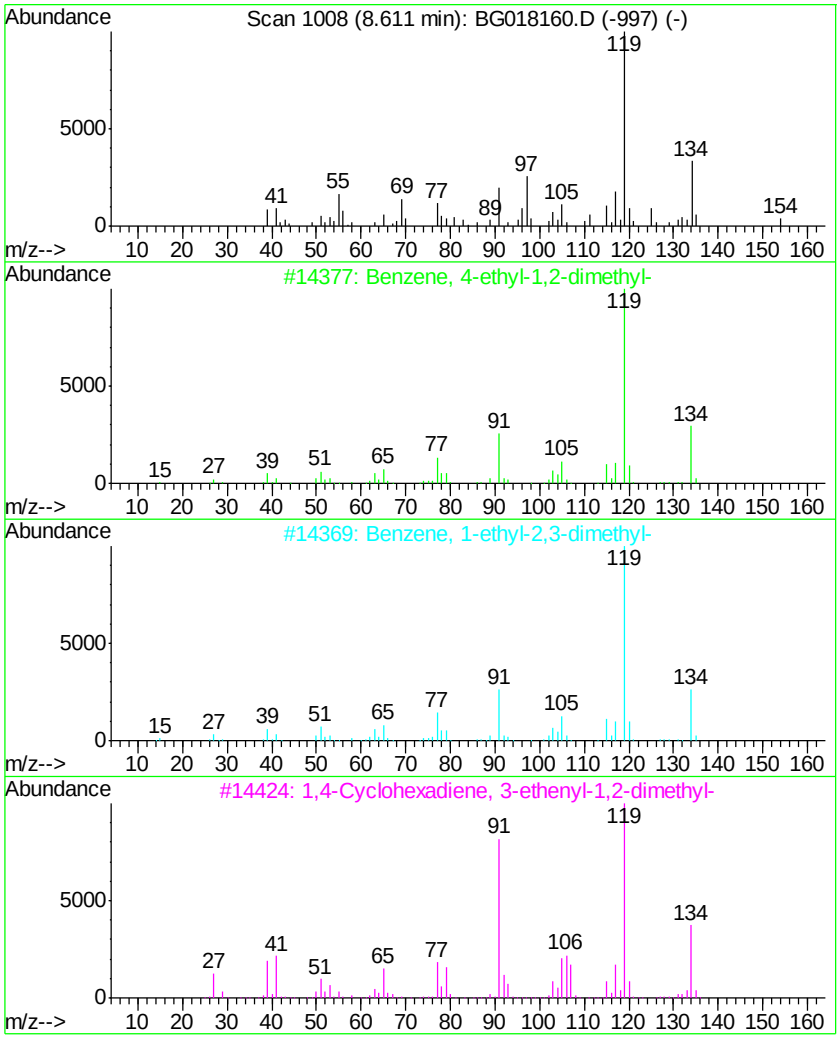
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

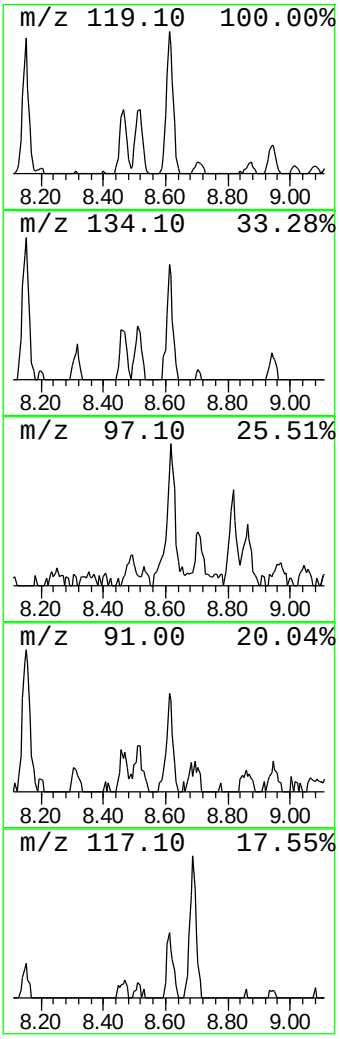
****

Peak Number 8 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	4.87 ng/ul	79223	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86
3	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	76
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	70
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70





Library Search Compound Report

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Operator : TP/UM
Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

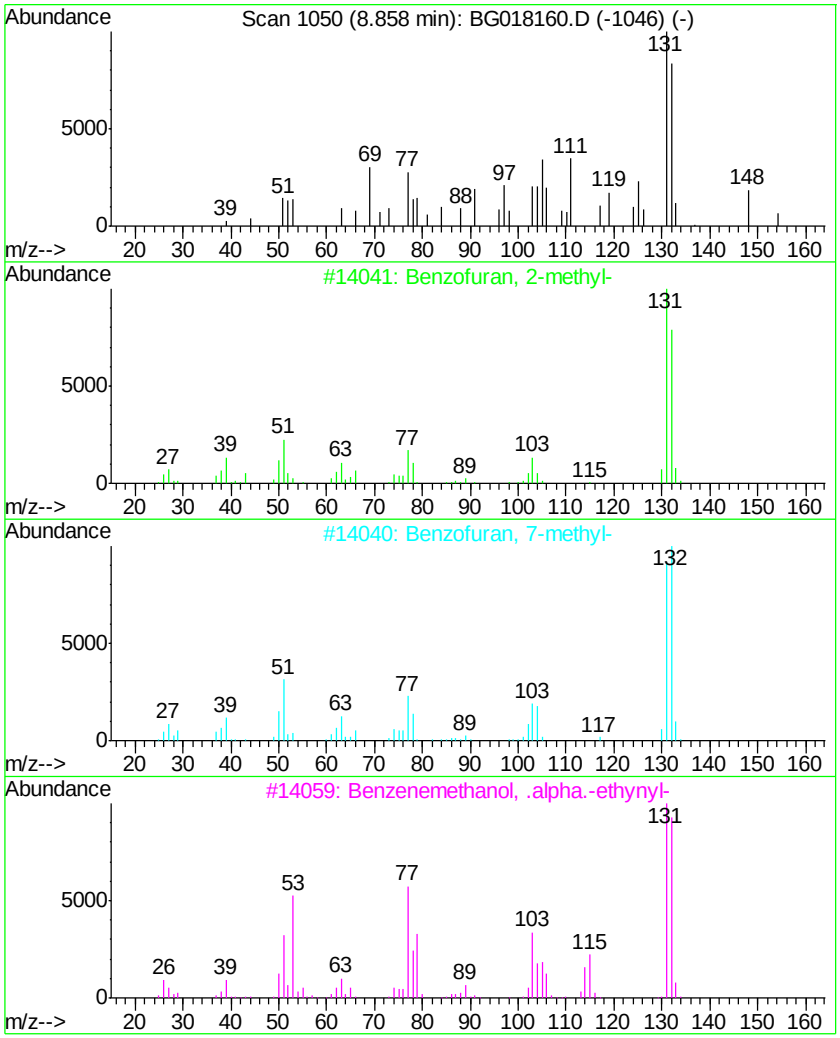
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

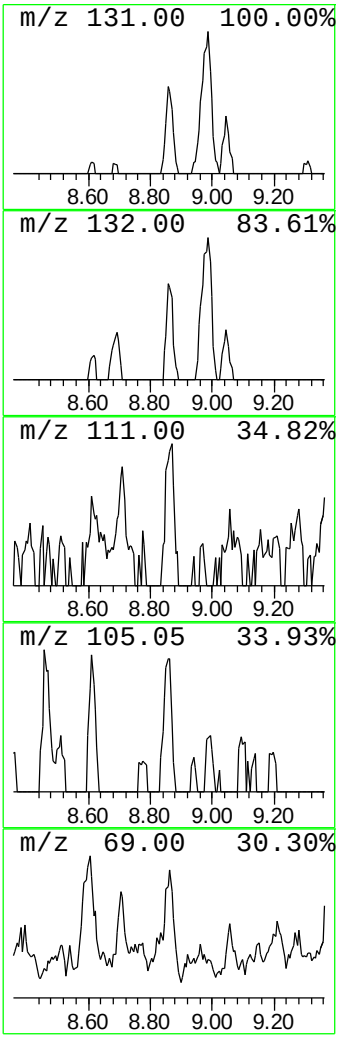
****

Peak Number 9 Benzofuran, 2-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	2.51 ng/ul	40843	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	64
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	62
3	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	58
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	52
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	52





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Acq On : 28 Jul 2015 23:18
Operator : TP/UM
Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

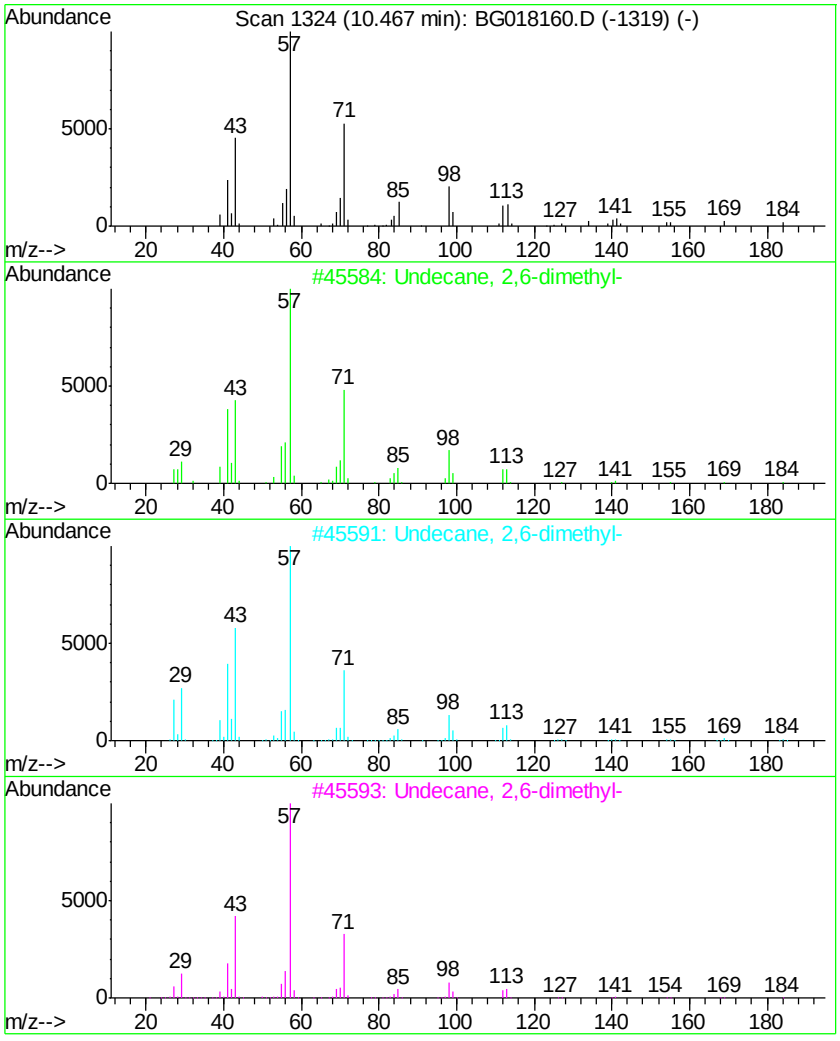
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

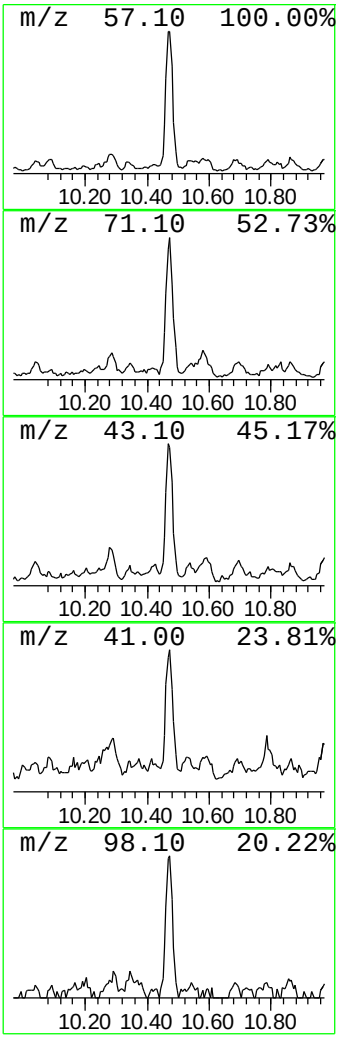
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	4.11 ng/ul	115784	Naphthalene-d8	10.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	87
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	62
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	50





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Operator : TP/UM
Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

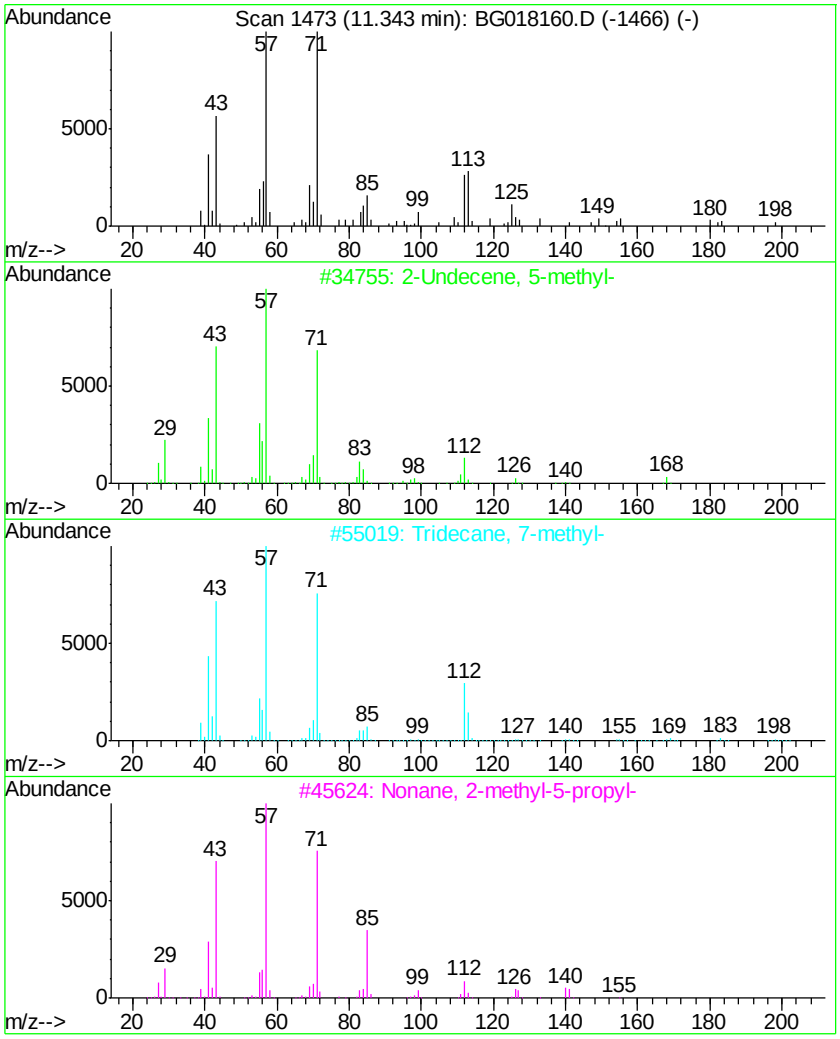
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

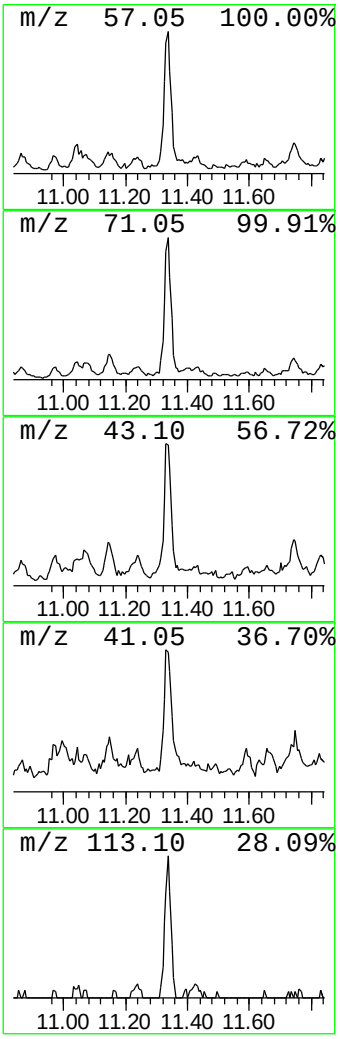
****

Peak Number 11 2-Undecene, 5-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	4.61 ng/ul	129860	Naphthalene-d8	10.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecene, 5-methyl-	168	C12H24	056851-34-4	64
2	Tridecane, 7-methyl-	198	C14H30	026730-14-3	62
3	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	53
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	53
5	3-Bromooctane	192	C8H17Br	000999-64-4	47





Library Search Compound Report

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Acq On : 28 Jul 2015 23:18
Operator : TP/UM
Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

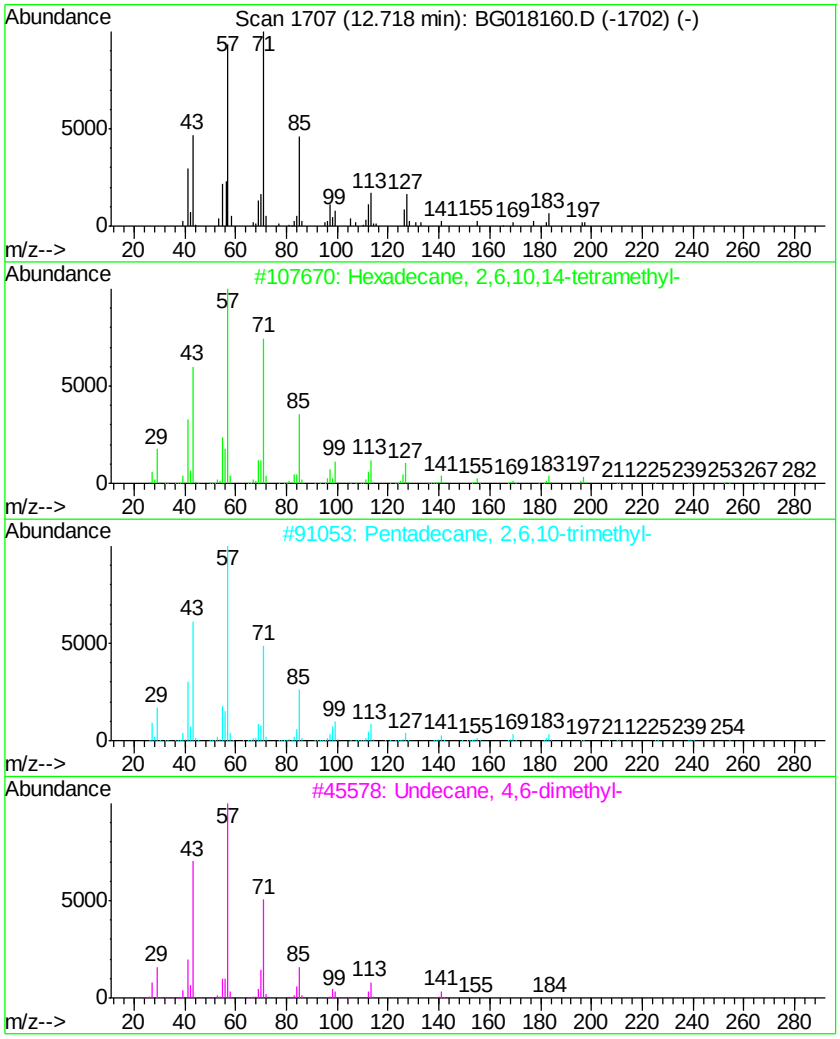
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

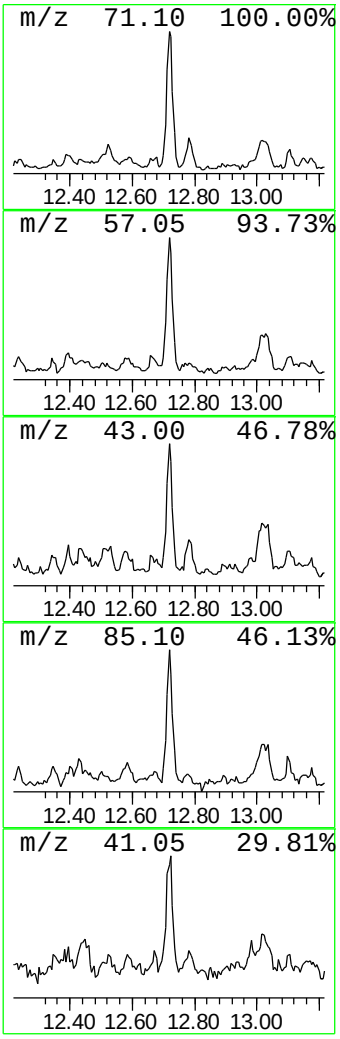
****

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	2.35 ng/ul	77848	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
4	Decane, 5-propyl-	184	C13H28	017312-62-8	64
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59





Library Search Compound Report

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Acq On : 28 Jul 2015 23:18
Operator : TP/UM
Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

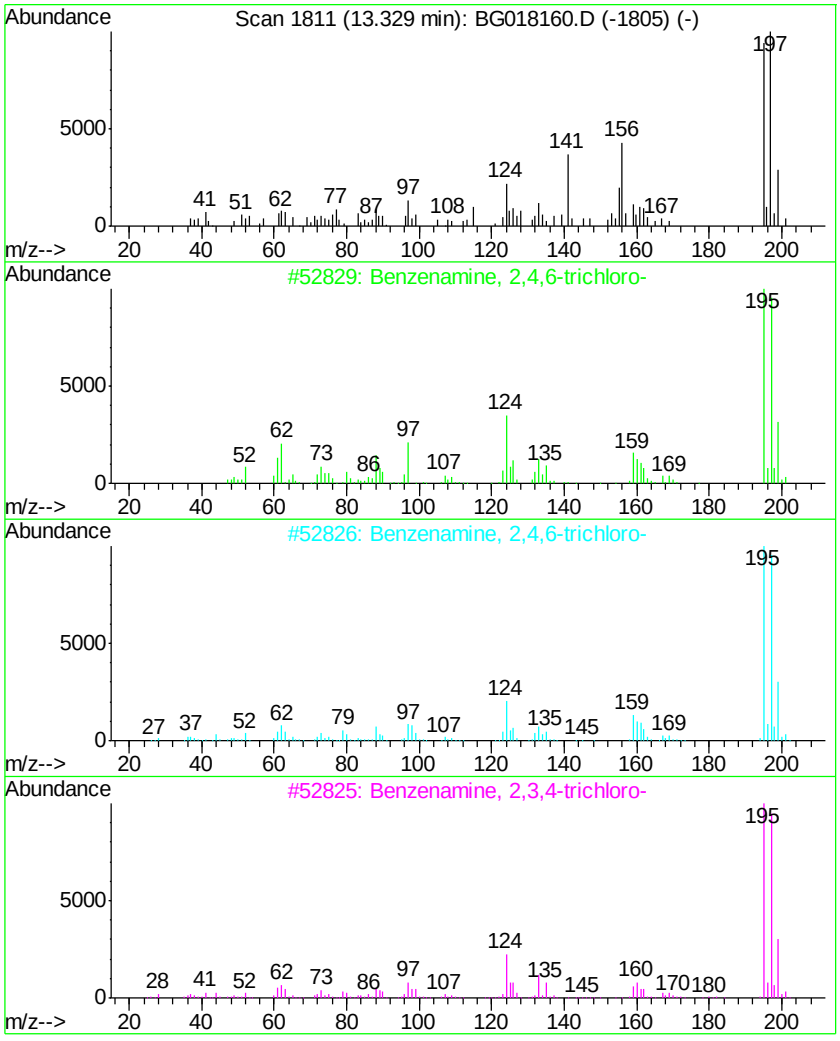
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

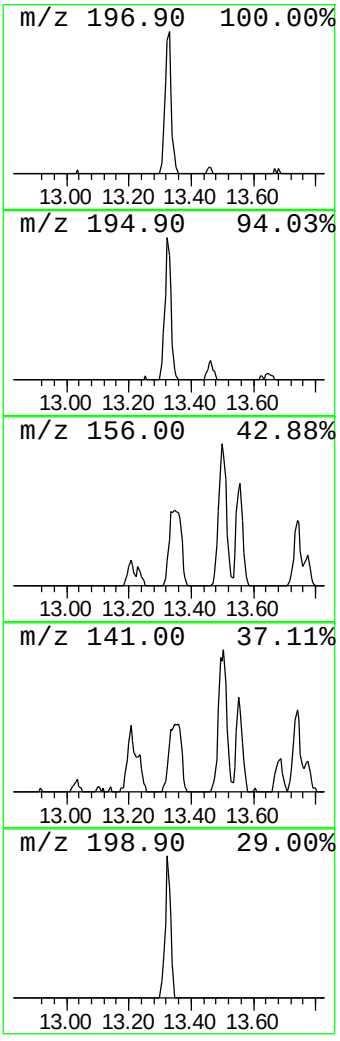
****

Peak Number 13 Benzenamine, 2,4,6-trichloro- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	2.97 ng/ul	98195	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2,4,6-trichloro-	195	C6H4Cl3N	000634-93-5	92
2	Benzenamine, 2,4,6-trichloro-	195	C6H4Cl3N	000634-93-5	86
3	Benzenamine, 2,3,4-trichloro-	195	C6H4Cl3N	000634-67-3	86
4	Benzenamine, 2,4,5-trichloro-	195	C6H4Cl3N	000636-30-6	86
5	Benzenamine, 2,3,4-trichloro-	195	C6H4Cl3N	000634-67-3	86





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Misc :
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Instrument : BNA_G
ClientSampleId : C02K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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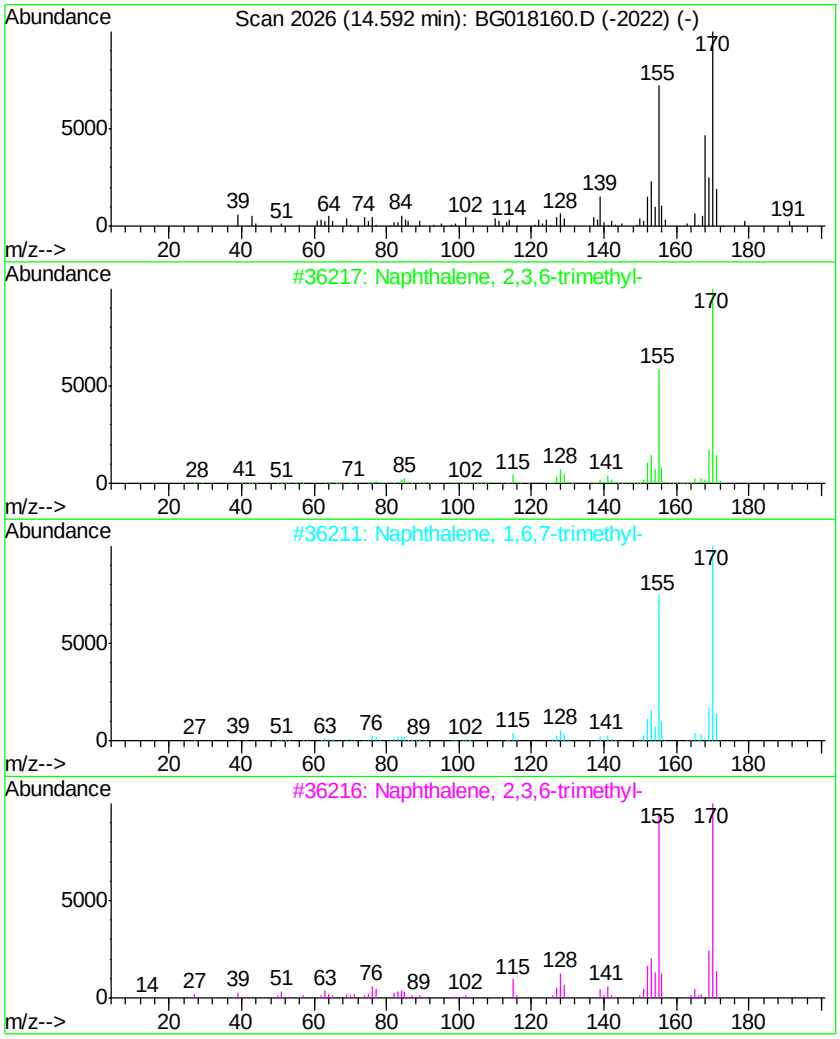
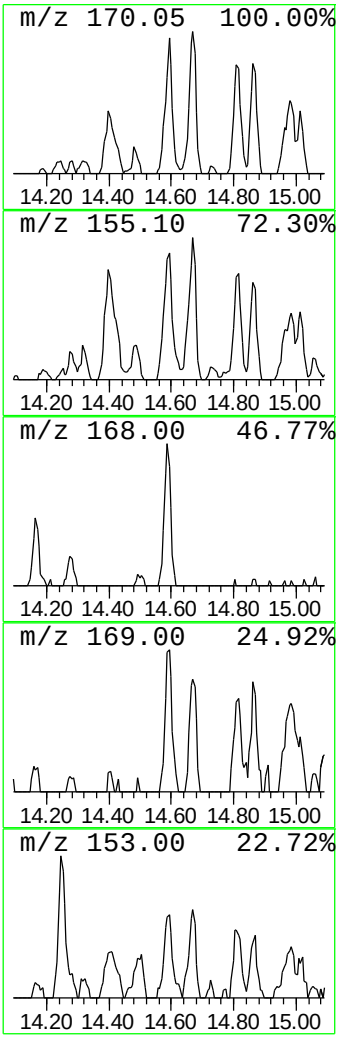
Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	2.27 ng/ul	75061	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76





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ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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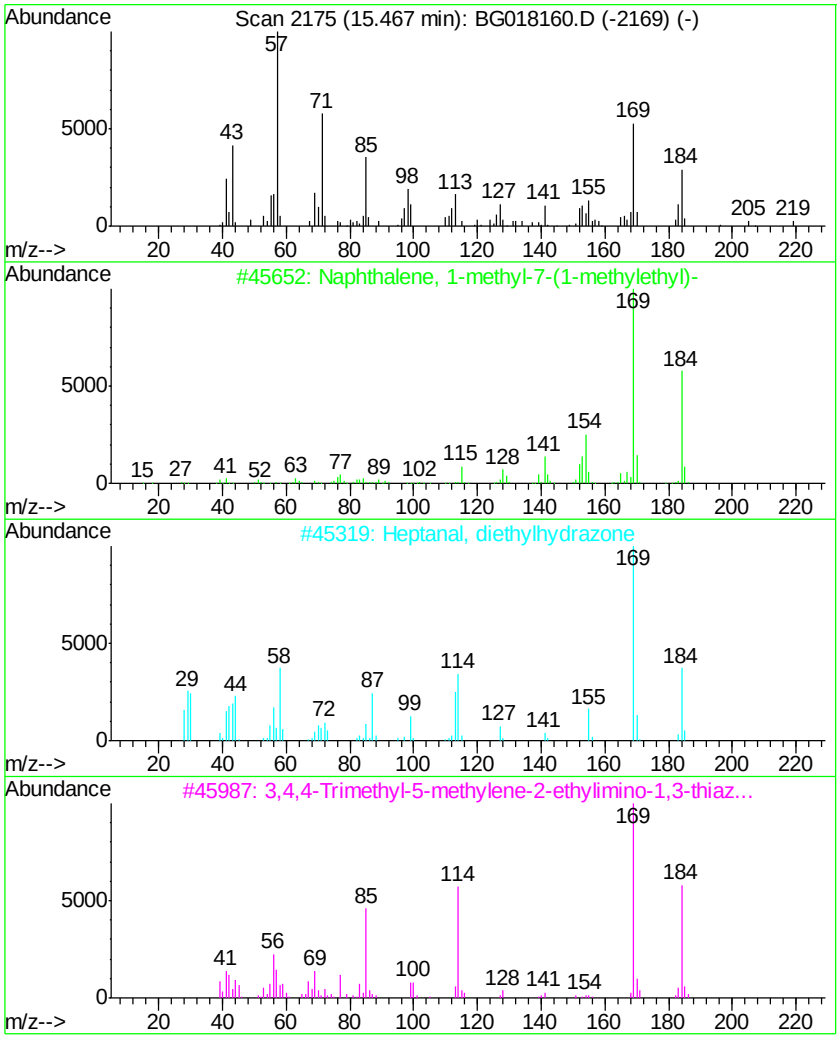
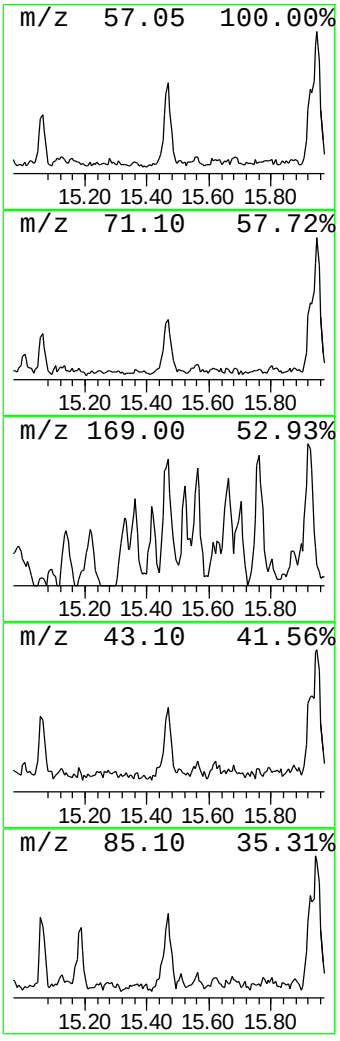
Peak Number 15 unknown-02 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	2.14 ng/ul	70895	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	46
2	Heptanal, diethylhydrazone	184	C11H24N2	075268-03-0	38
3	3,4,4-Trimethyl-5-methylene-2-et...	184	C9H16N2S	037120-36-8	38
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	30
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	30





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Sample : G3048-21
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Instrument : BNA_G
ClientSampleId : C02K1

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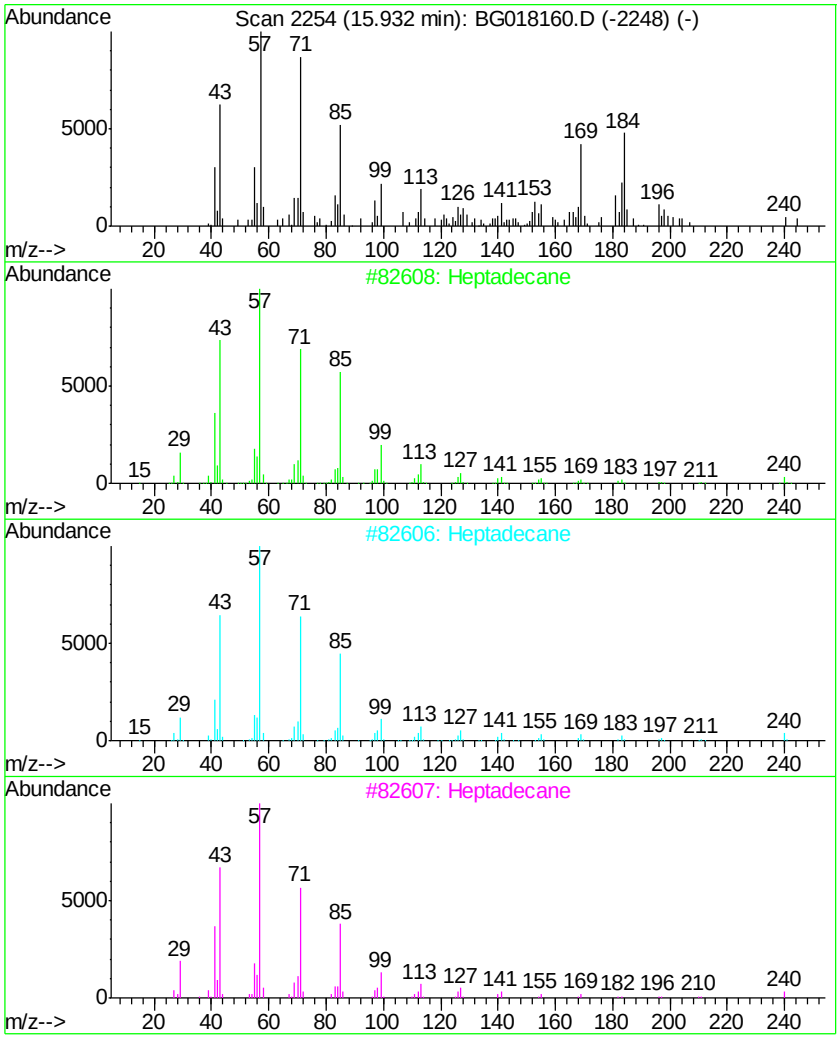
Quant Title : SVOA CALIBRATION

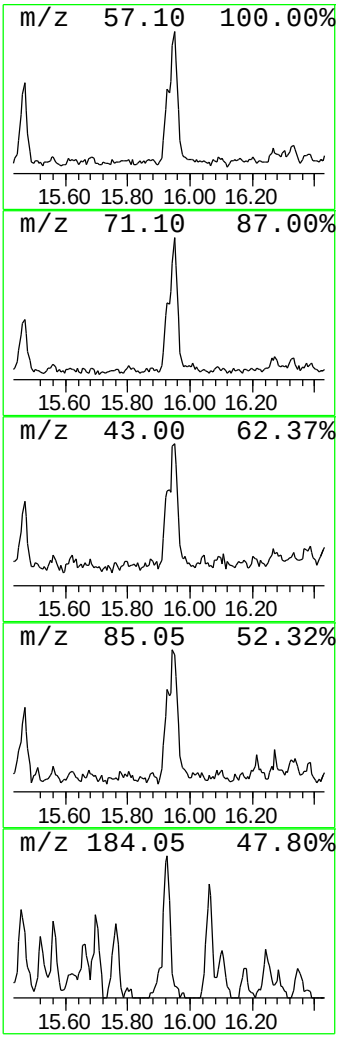
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	2.35 ng/ul	79626	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	50
2	Heptadecane	240	C17H36	000629-78-7	50
3	Heptadecane	240	C17H36	000629-78-7	43
4	Octacosane	394	C28H58	000630-02-4	43
5	Dodecane	170	C12H26	000112-40-3	41





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Instrument : BNA_G
ClientSampleId : C02K1

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Quant Title : SVOA CALIBRATION

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

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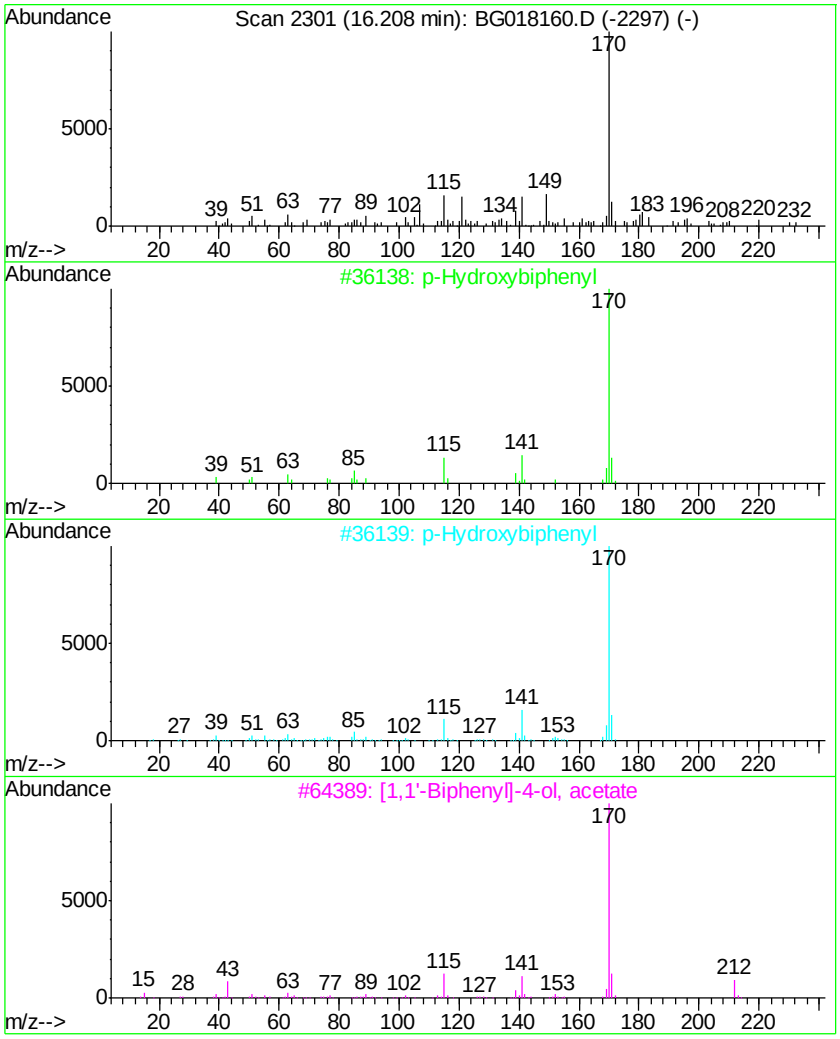
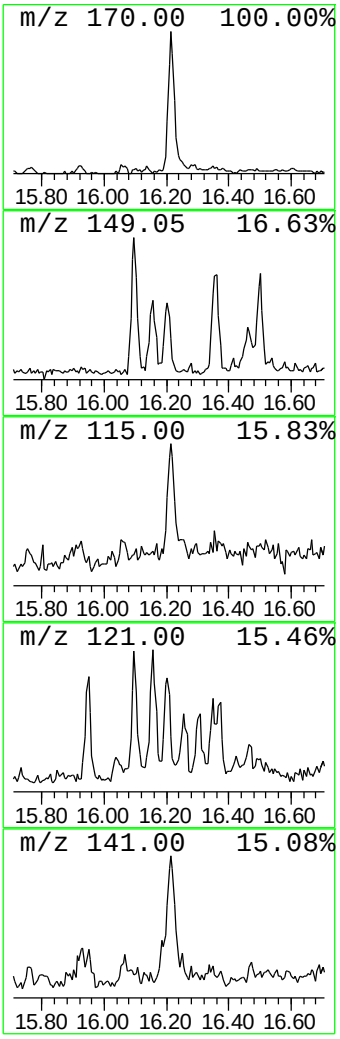
Peak Number 17 p-Hydroxybiphenyl Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	2.37 ng/ul	80328	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	81
2	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	72
3	[1,1'-Biphenyl]-4-ol, acetate	212	C14H12O2	000148-86-7	72
4	[1,1'-Biphenyl]-4-ol, acetate	212	C14H12O2	000148-86-7	72
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	72





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Data File : BG018160.D
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Operator : TP/UM
Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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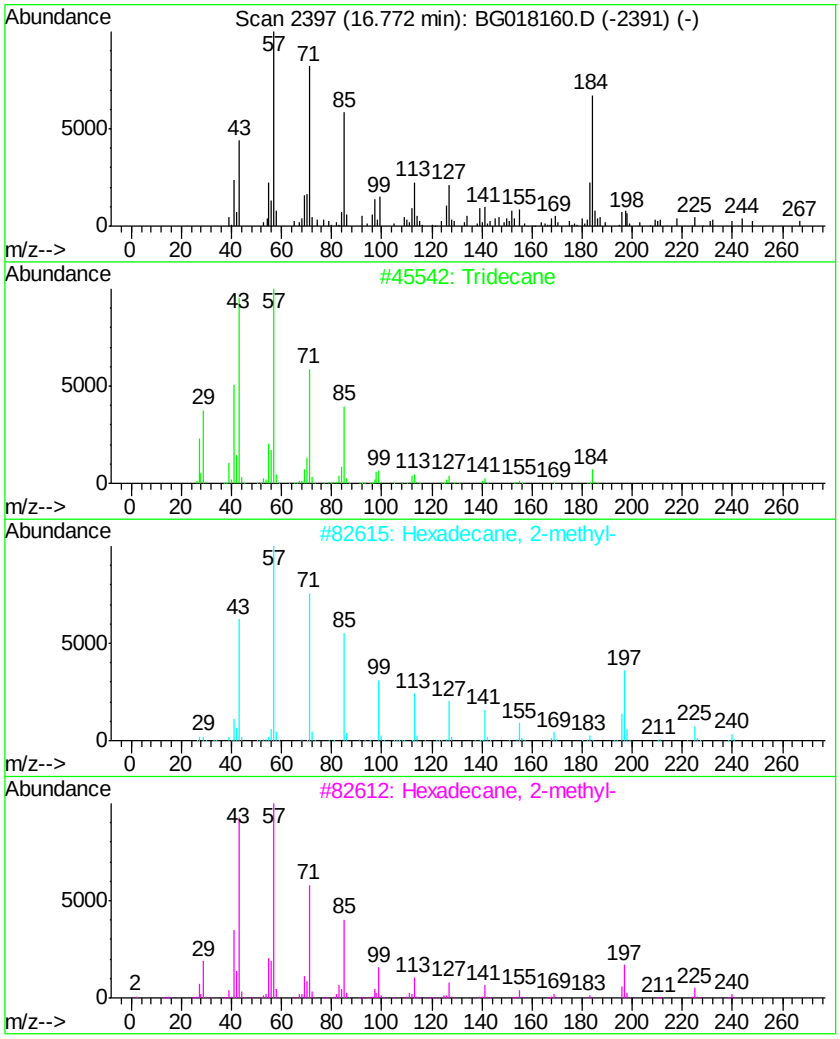
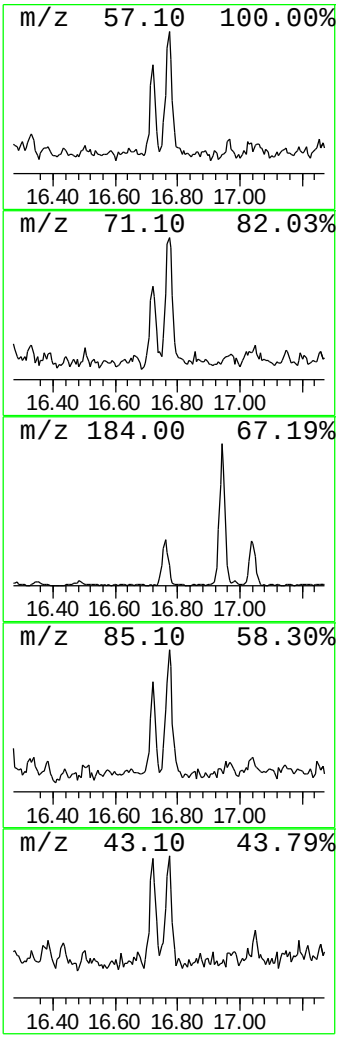
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	2.84 ng/ul	96388	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	68
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	58
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	53
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	49
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018160.D
Acq On : 28 Jul 2015 23:18
Operator : TP/UM
Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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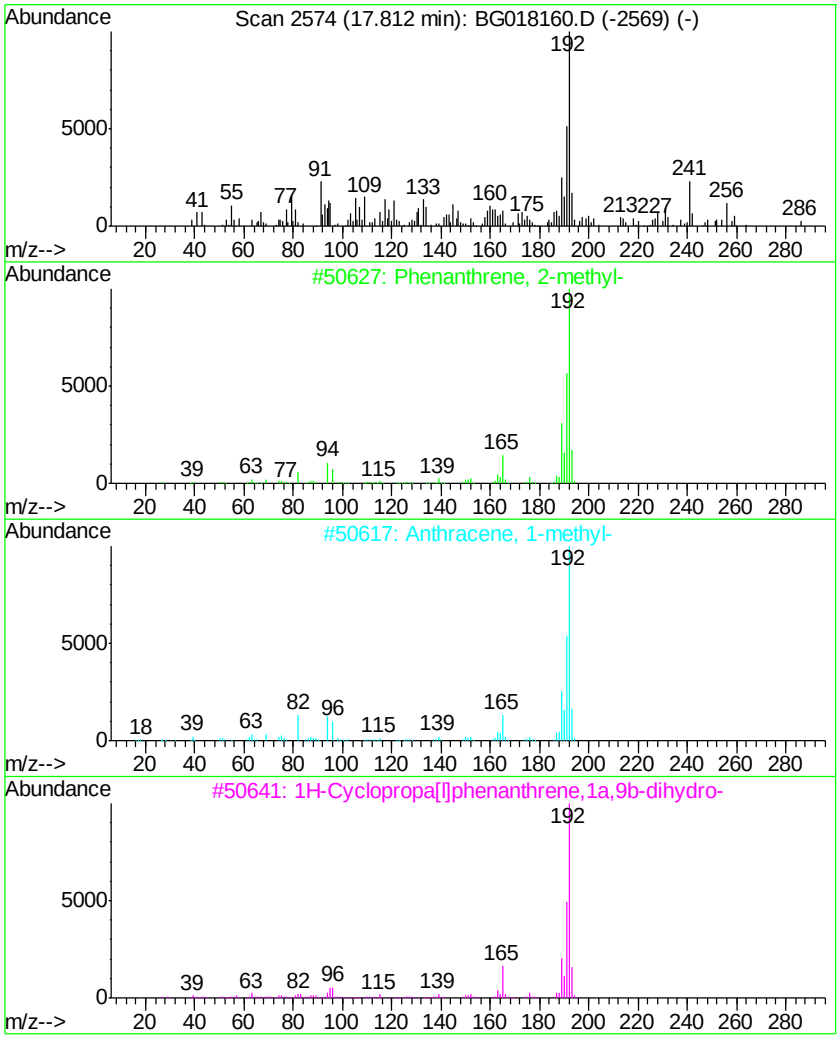
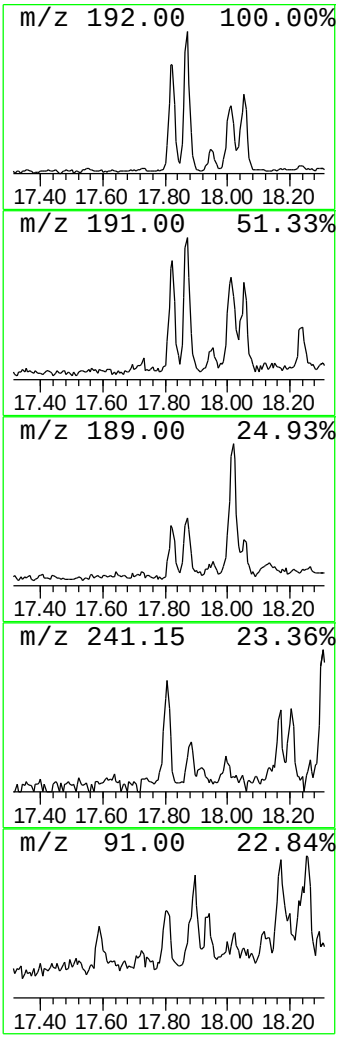
Peak Number 20 Phenanthrene, 2-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	2.89 ng/ul	98217	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	55
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	55
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55





Library Search Compound Report

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Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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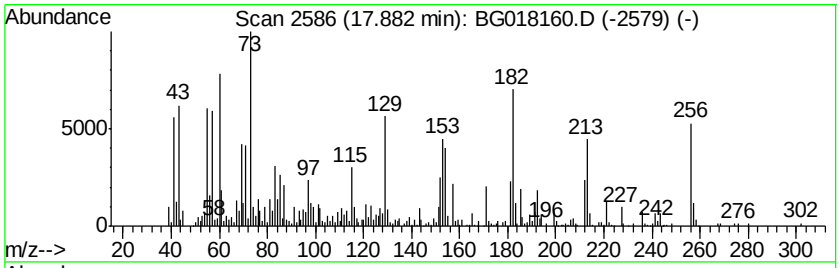
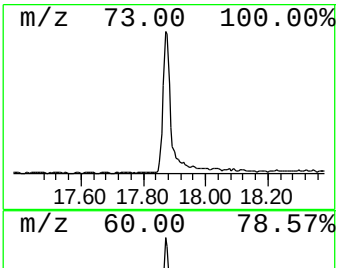
Peak Number 21 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	20.99 ng/ul	712504	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	46





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ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

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Quant Title : SVOA CALIBRATION

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

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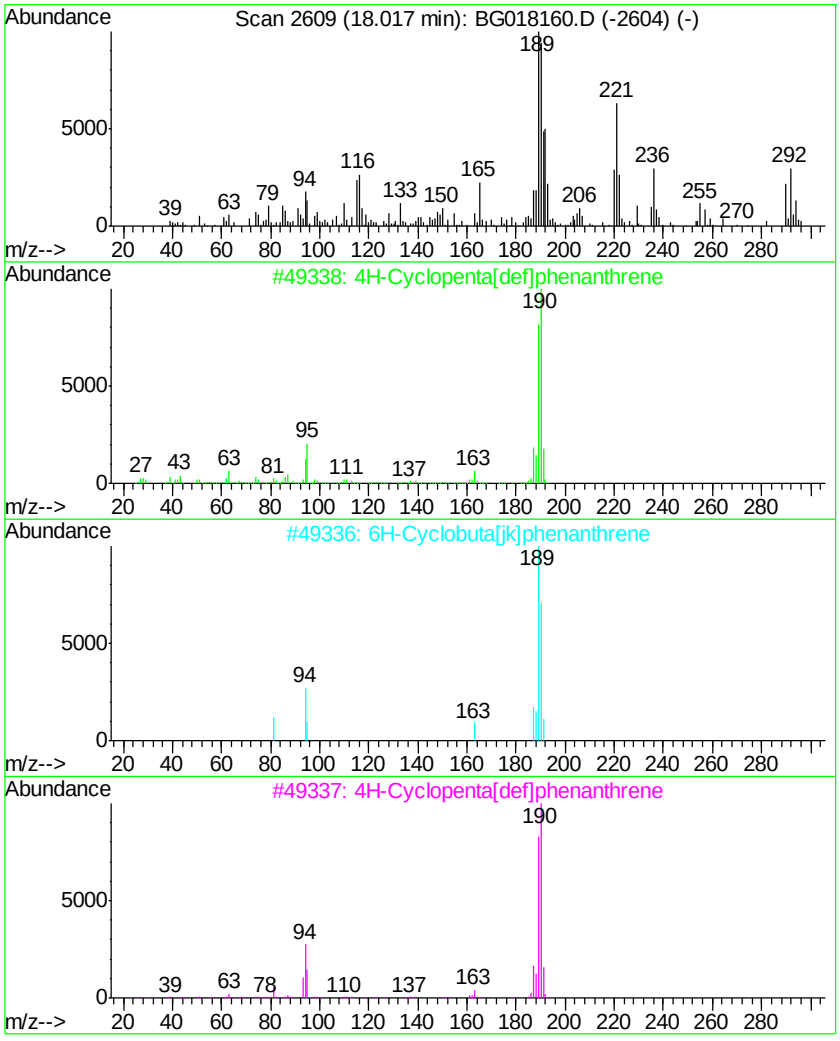
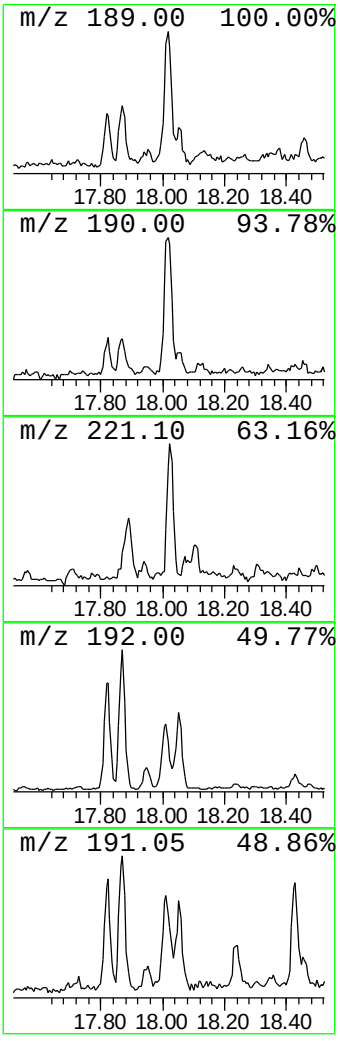
Peak Number 22 unknown-03 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	3.88 ng/ul	131727	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	35
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	35
4	4H-Pyrido[1,2-a]pyrimidine-3-car...	236	C12H16N2O3	032092-14-1	27
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	27





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Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

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Quant Title : SVOA CALIBRATION

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

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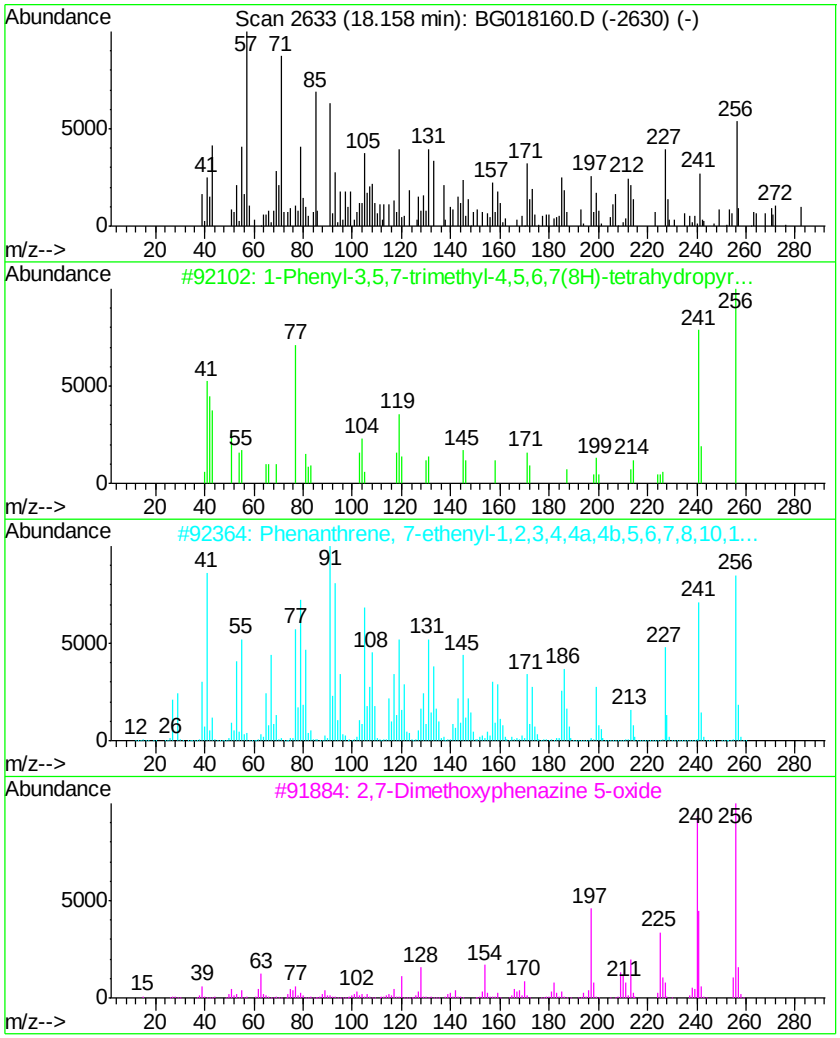
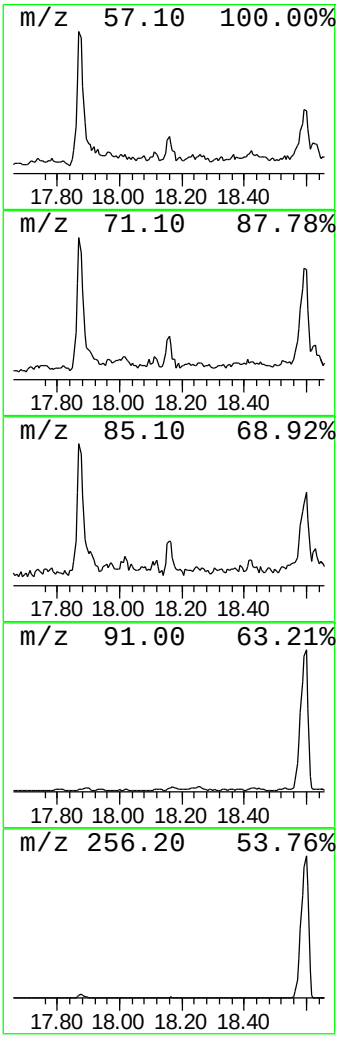
Peak Number 23 unknown-04 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	3.25 ng/ul	110478	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-3,5,7-trimethyl-4,5,6,7...	256	C15H20N4	064899-25-8	47
2	Phenanthrene, 7-ethenyl-1,2,3,4,...	256	C19H28	026549-04-2	41
3	2,7-Dimethoxyphenazine 5-oxide	256	C14H12N2O3	018274-44-7	35
4	3,5-Dimethyl-1-phenyl-4,5,6,8-te...	256	C14H16N4O	064899-15-6	27
5	Phen-1,3-diol, 4,5,6-trimethoxy-...	256	C12H16O6	1000124-93-3	22





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Acq On : 28 Jul 2015 23:18
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Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

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Quant Title : SVOA CALIBRATION

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

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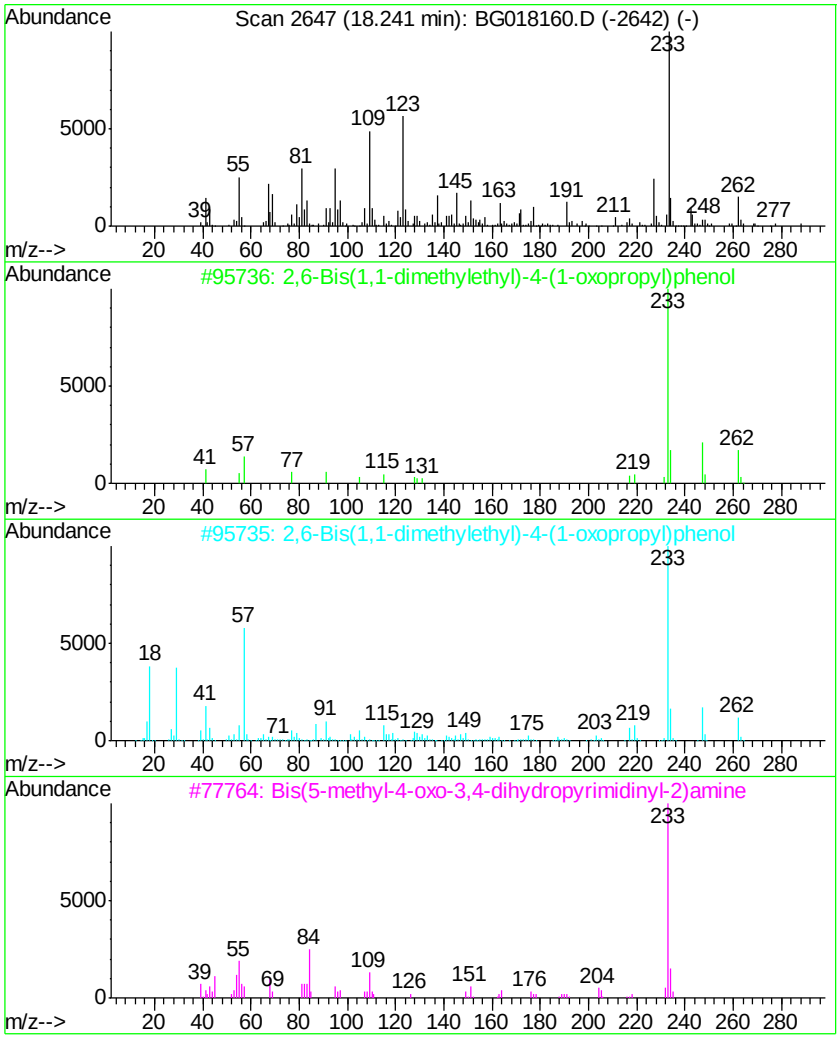
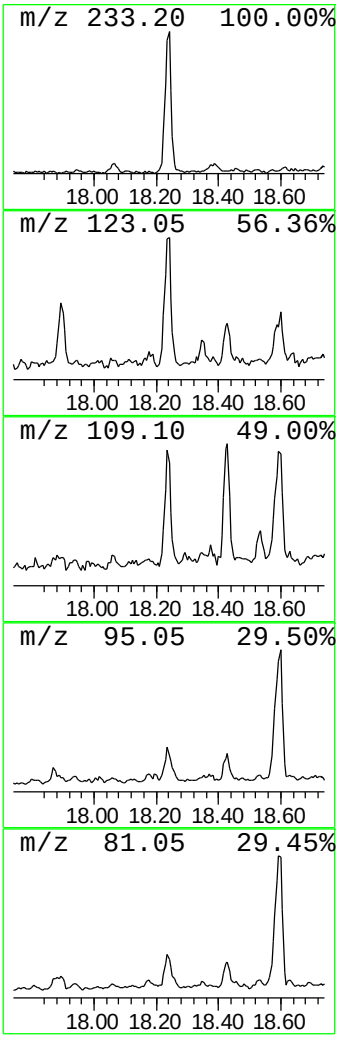
Peak Number 24 unknown-05 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	5.93 ng/ul	201161	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Bis(1,1-dimethylethyl)-4-(1-...	262	C17H26O2	014035-34-8	41
2	2,6-Bis(1,1-dimethylethyl)-4-(1-...	262	C17H26O2	014035-34-8	38
3	Bis(5-methyl-4-oxo-3,4-dihydropy...	233	C10H11N5O2	1000078-58-5	35
4	N1-(4,4-Dimethyl-1,3-thiazolan-2...	248	C14H20N2S	284665-76-5	27
5	Furan-2-carboxaldehyde, 5-(3-nit...	233	C11H7NO5	073420-62-9	22





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Sample : G3048-21
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ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

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Quant Title : SVOA CALIBRATION

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

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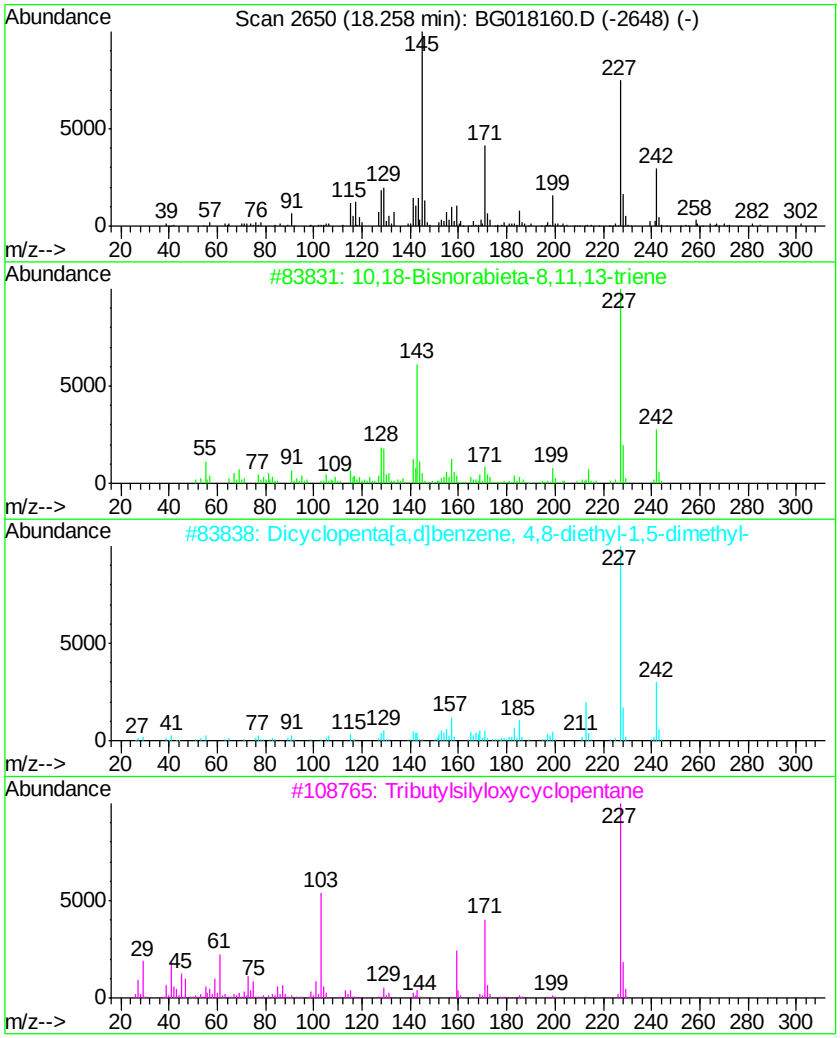
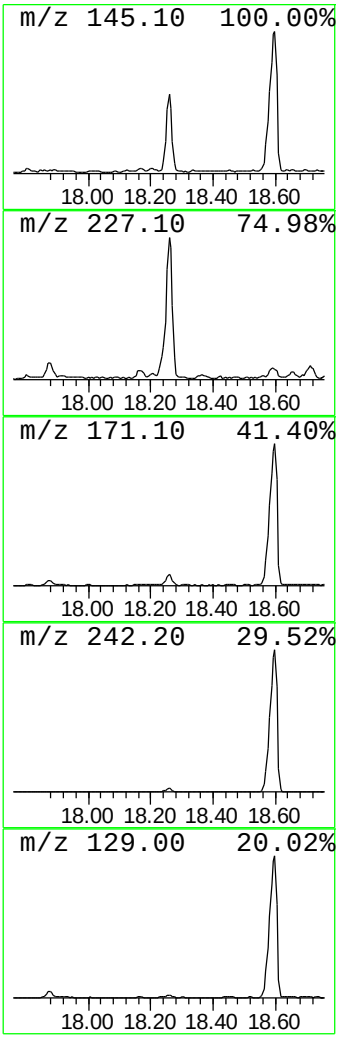
Peak Number 25 10,18-Bisnorabieta-8,11,13-... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	5.94 ng/ul	201586	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	55
2	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	46
3	Tributylsilyloxycyclopentane	284	C17H36OSi	1000279-21-4	32
4	2-(4-((Trimethylsilyl)oxy)benzyl...	242	C13H14N2OSi	1000297-99-1	27
5	3-(6-Oxo-1-cyclohexen-1-yl)-2-in...	227	C14H13NO2	076325-86-5	27





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ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

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Quant Title : SVOA CALIBRATION

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

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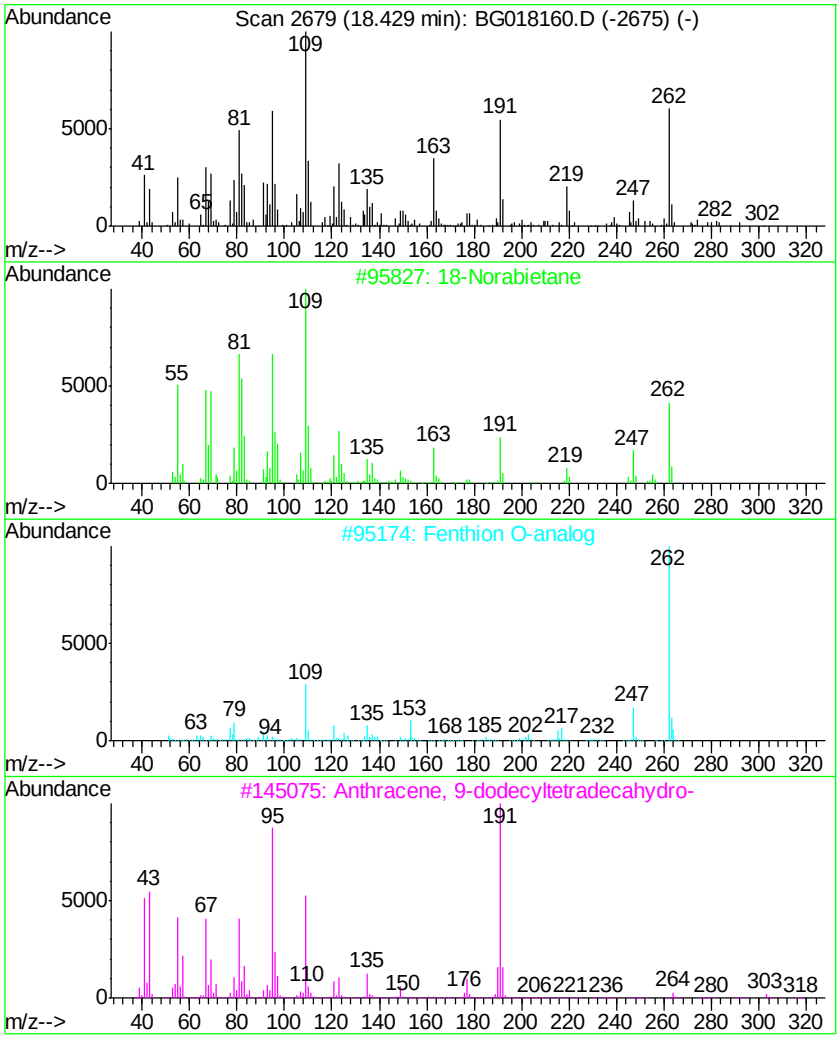
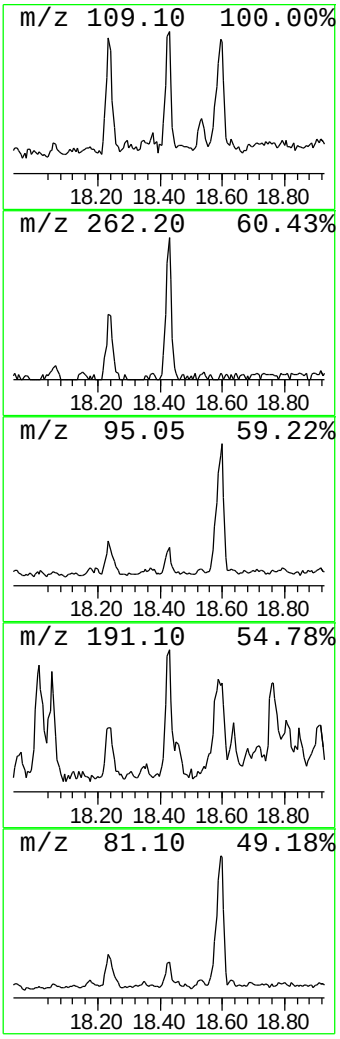
Peak Number 26 18-Norabietane Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	3.50 ng/ul	118897	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	93
2	Fenthion O-analog	262	C10H15O4PS	006552-12-1	35
3	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	27
4	Longipinane, (E)-	206	C15H26	1000156-14-5	27
5	1-Methylheptyl cis-2,2-dimethyl-...	280	C18H32O2	1000223-35-3	25





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Sample : G3048-21
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ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

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Quant Title : SVOA CALIBRATION

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

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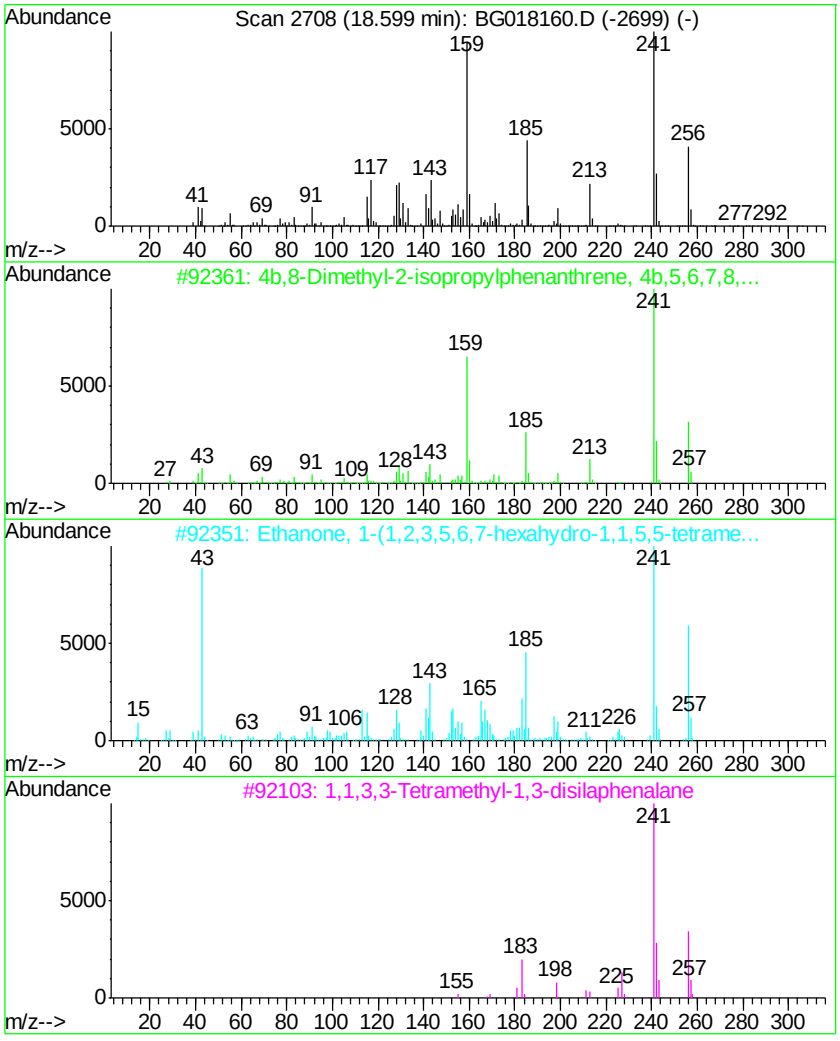
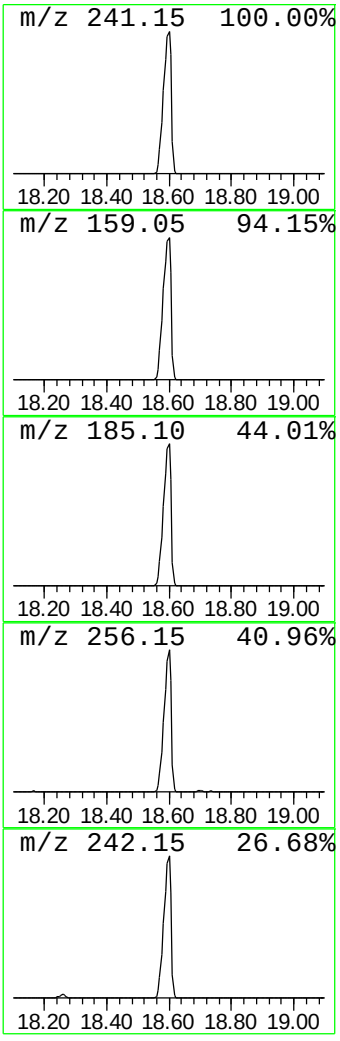
Peak Number 27 4b,8-Dimethyl-2-isopropylph... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	464.62 ng/ul	15773400	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	98
2	Ethanone, 1-(1,2,3,5,6,7-hexahyd...	256	C18H24O	056298-80-7	55
3	1,1,3,3-Tetramethyl-1,3-disilaph...	256	C15H20Si2	032538-51-5	38
4	1-Methyl-10,18-bisnorabieta-8,11...	256	C19H28	1000293-16-9	38
5	Isoquinoline-4-carbonitrile, 1-e...	256	C15H16N2O2	1000259-91-1	38





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Sample : G3048-21
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ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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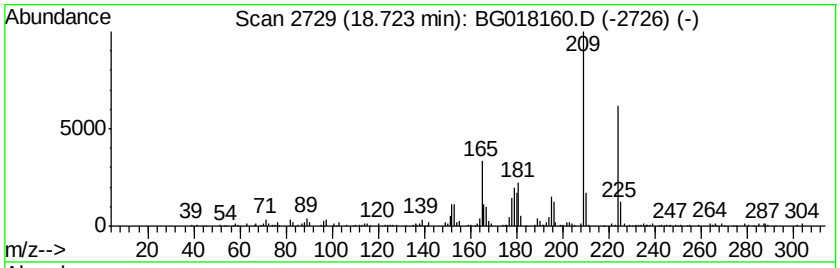
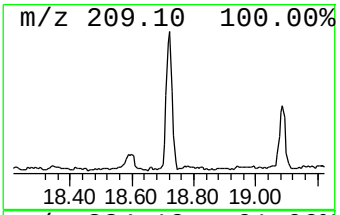
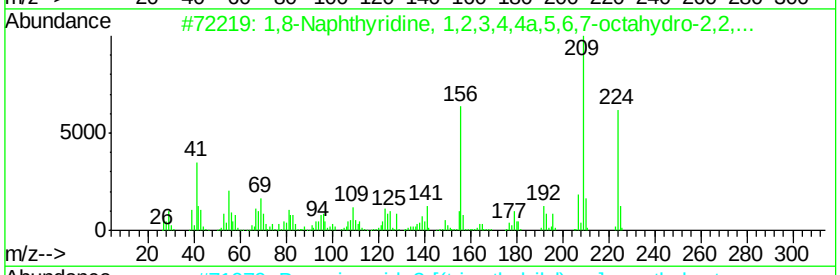
Peak Number 28 1,8-Naphthyridine, 1,2,3,4,... Concentration Rank 34

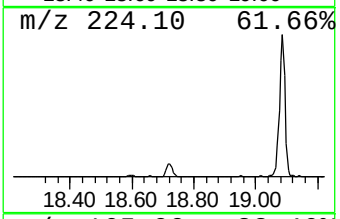
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	3.30 ng/ul	112151	Phenanthrene-d10	16.94

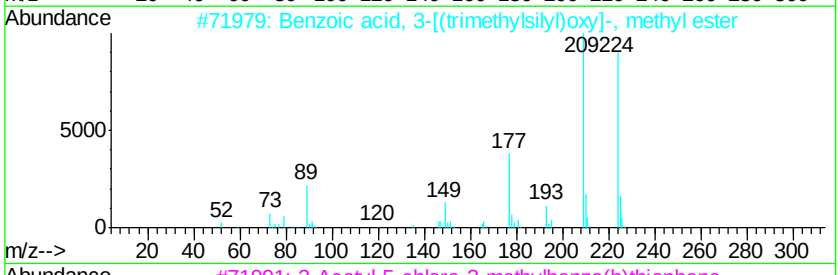
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,8-Naphthyridine, 1,2,3,4,4a,5,...	224	C13H24N2O	069340-71-2	59
2	Benzoic acid, 3-[(trimethylsilyl...	224	C11H16O3Si	027798-50-1	53
3	2-Acetyl-5-chloro-3-methylbenzo(...	224	C11H9ClOS	051527-18-5	53
4	1,8-Naphthyridine, 1,2,3,4,4a,5,...	224	C13H24N2O	069340-71-2	50
5	Benzoic acid, 4-[(trimethylsilyl...	224	C11H16O3Si	027739-17-9	50

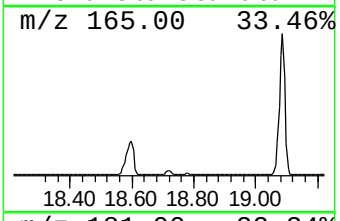


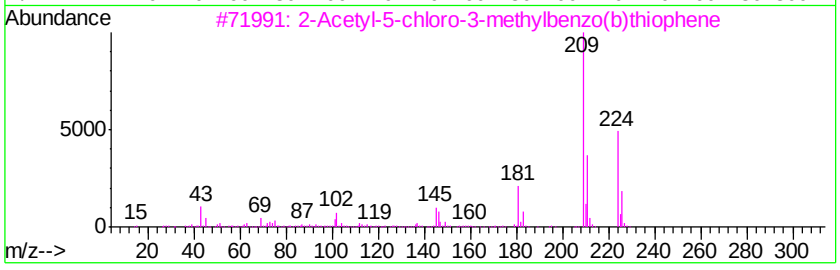


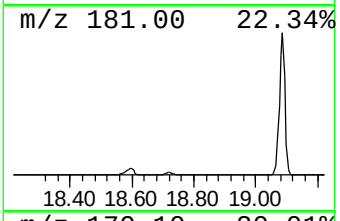


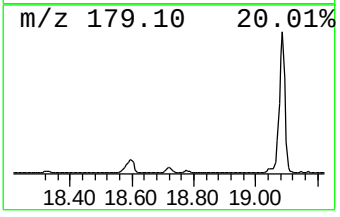












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Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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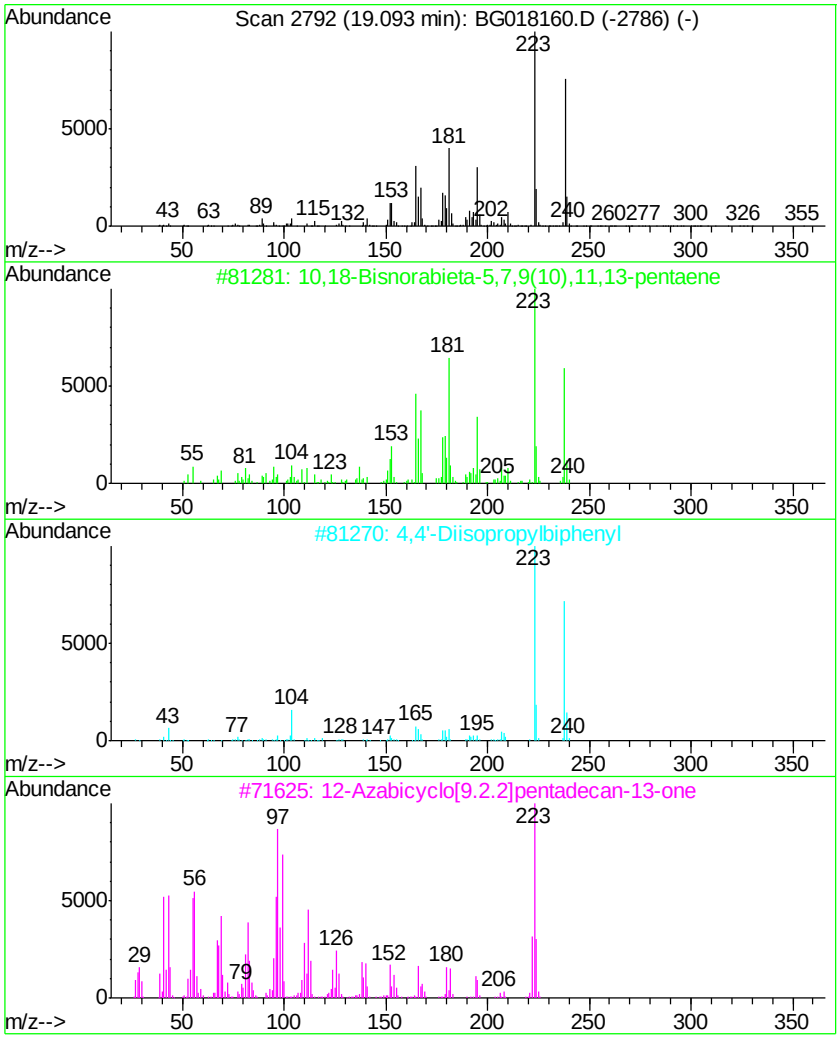
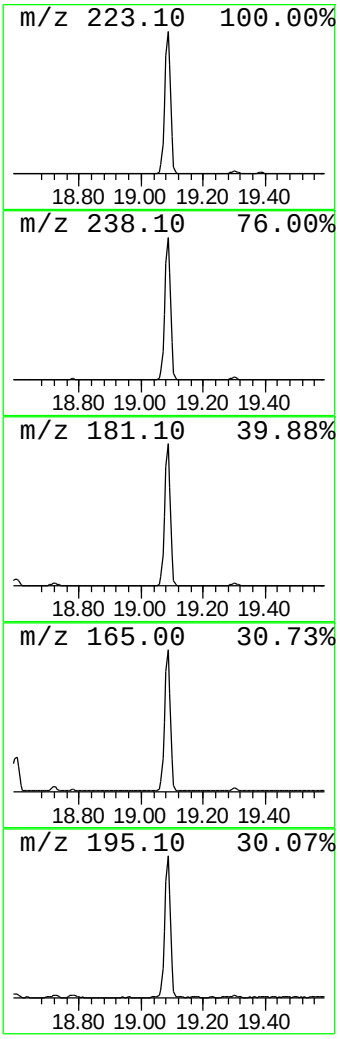
Peak Number 29 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	111.56 ng/ul	5159850	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	64
3	12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	60
4	Cyclopent[a]indene, 3,8-dihydro-...	238	C18H22	017384-72-4	58
5	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	53





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Acq On : 28 Jul 2015 23:18
Operator : TP/UM
Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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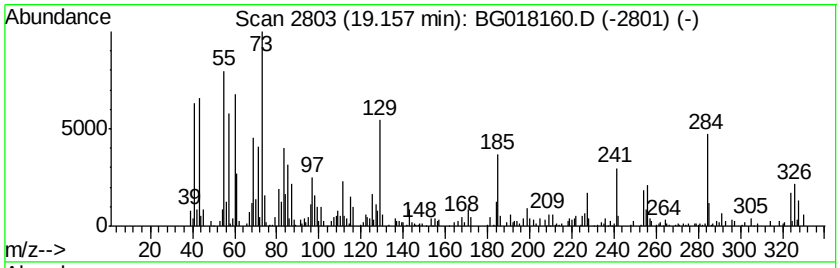
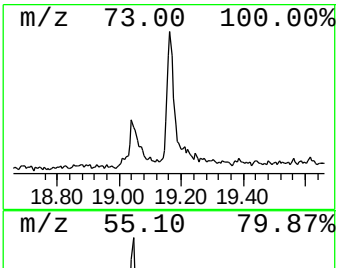
Peak Number 30 Octadecanoic acid Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	6.37 ng/ul	294770	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	83
5	Octadecanoic acid	284	C18H36O2	000057-11-4	60





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Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

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Quant Title : SVOA CALIBRATION

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

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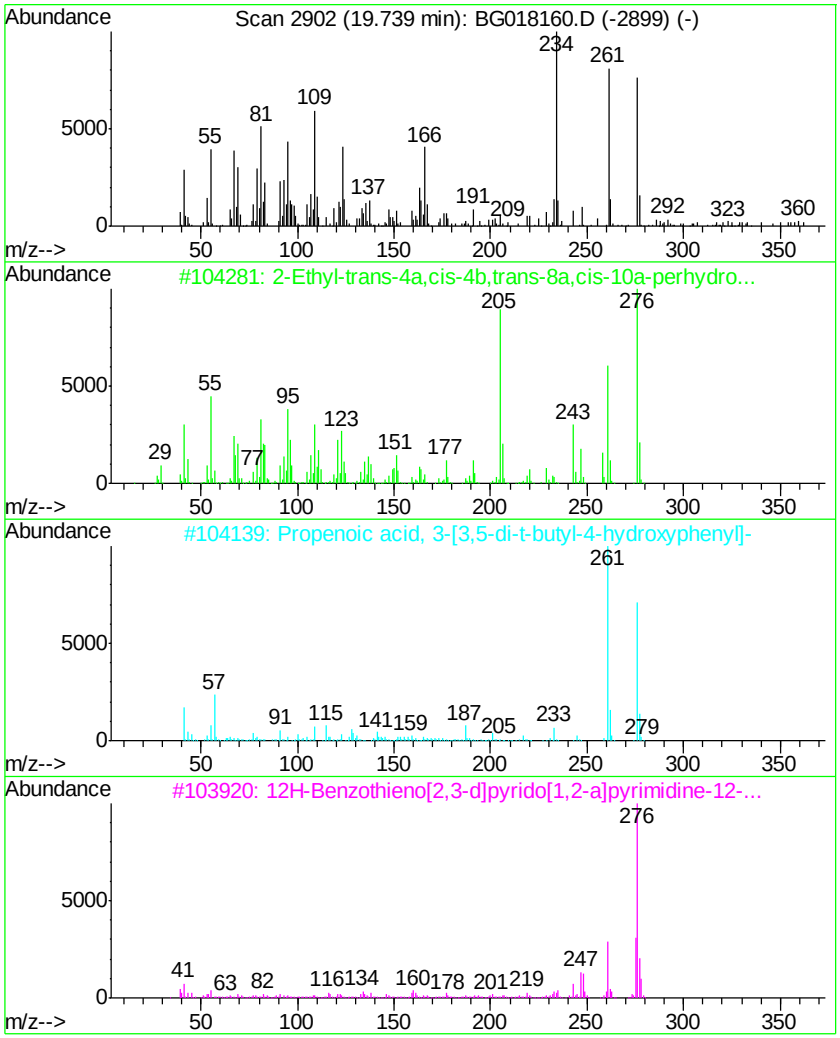
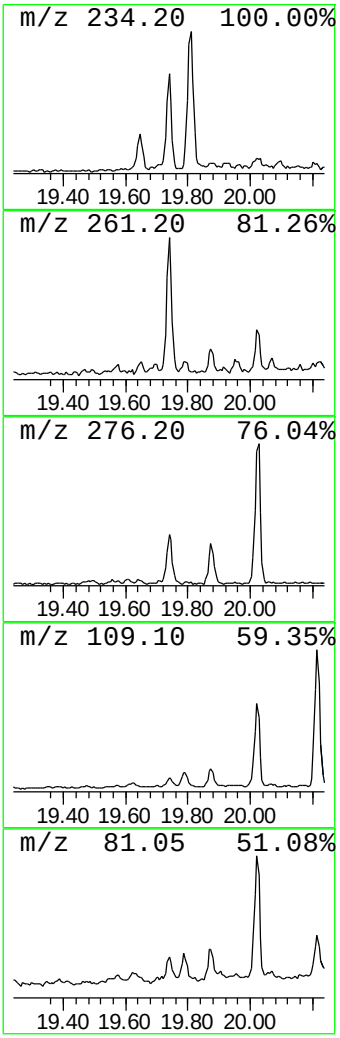
Peak Number 31 unknown-06 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	3.64 ng/ul	168297	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-trans-4a,cis-4b,trans-8a...	276	C19H32O	1000243-62-9	38
2	Propenoic acid, 3-[3,5-di-t-buty...	276	C17H24O3	1000130-26-8	30
3	12H-Benzothieno[2,3-d]pyrido[1,2...	276	C14H16N2S2	102254-63-7	14
4	4-Ethyl-7-iodotropolone	276	C9H9IO2	004508-96-7	11
5	2-Methoxy-4,4-diphenyl-2,5-cyclo...	276	C19H16O2	096283-91-9	11





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Sample : G3048-21
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ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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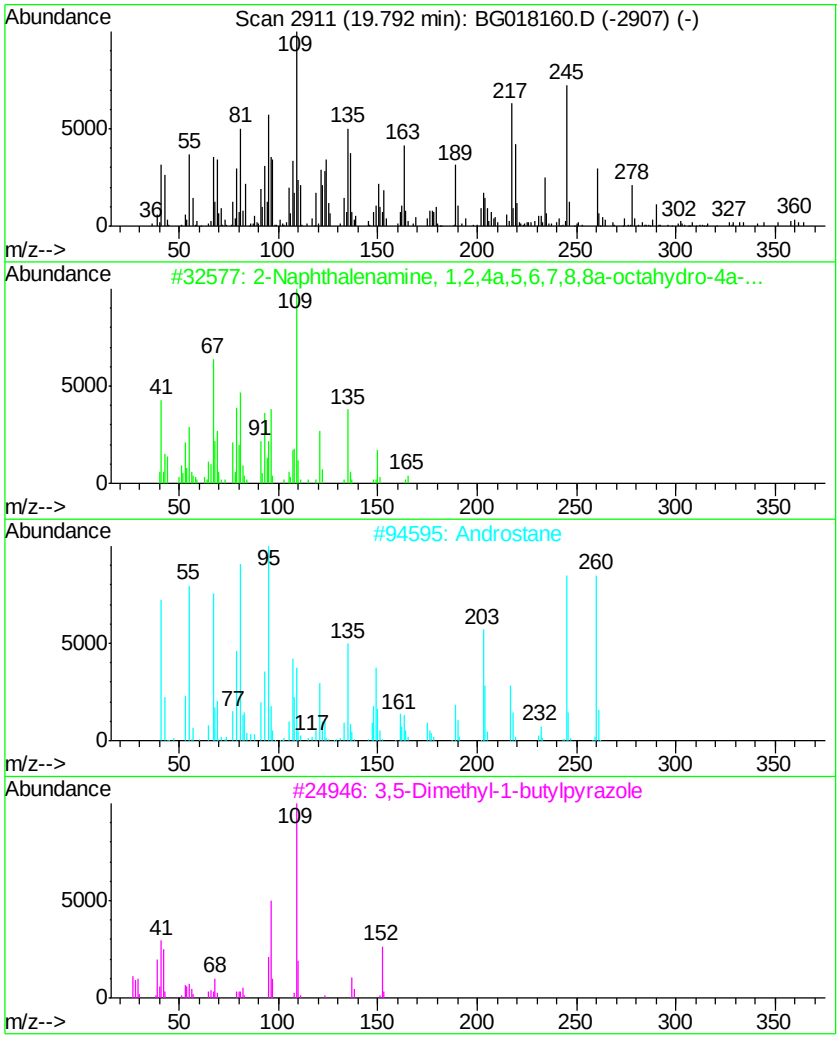
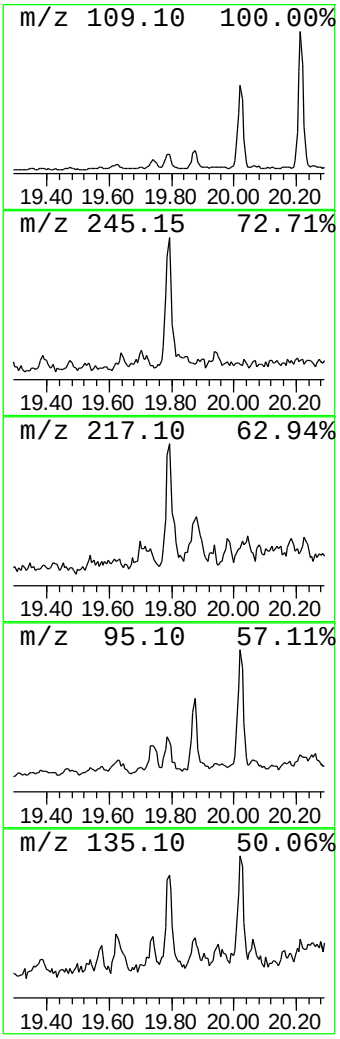
Peak Number 32 unknown-07 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	8.62 ng/ul	398502	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenamine, 1,2,4a,5,6,7,...	165	C11H19N	056053-03-3	43
2	Androstane	260	C19H32	024887-75-0	38
3	3,5-Dimethyl-1-butylpyrazole	152	C9H16N2	002655-37-0	22
4	1,1'-Bis(cyclooct-2-en-4-one)	246	C16H22O2	1000155-36-1	15
5	1,2-Dimethyl-4-oxocyclohex-2-ene...	152	C9H12O2	1000187-01-2	15





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Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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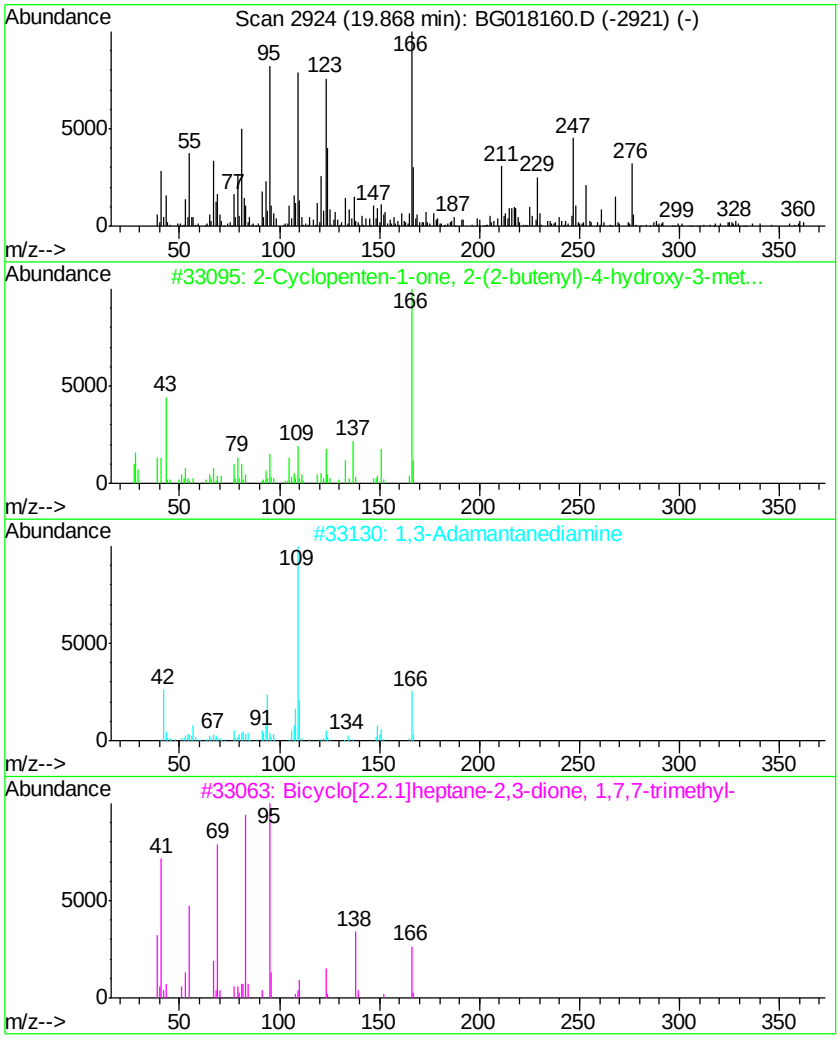
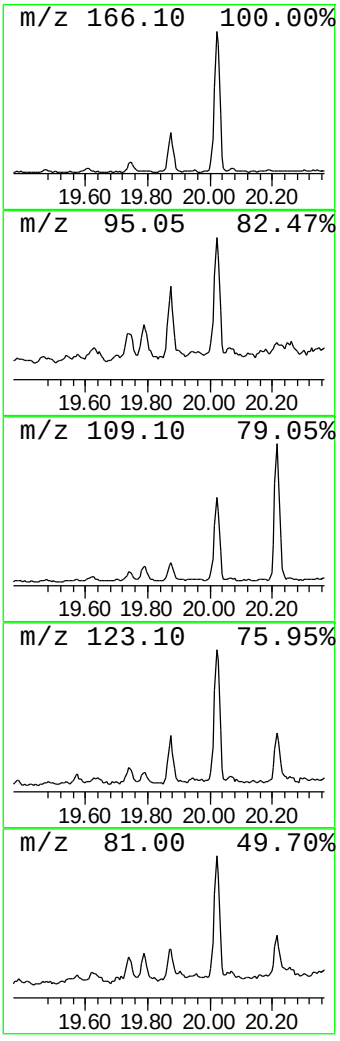
Peak Number 33 2-Cyclopenten-1-one, 2-(2-b... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	7.44 ng/ul	344282	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2-(2-butenyl...	166	C10H14O2	017190-74-8	60
2	1,3-Adamantanediamine	166	C10H18N2	026562-81-2	38
3	Bicyclo[2.2.1]heptane-2,3-dione,...	166	C10H14O2	000465-29-2	30
4	1-Naphthalenol, decahydro-4a-met...	222	C15H26O	030951-17-8	15
5	Longipinane, (E)-	206	C15H26	1000156-14-5	15





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Acq On : 28 Jul 2015 23:18
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Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

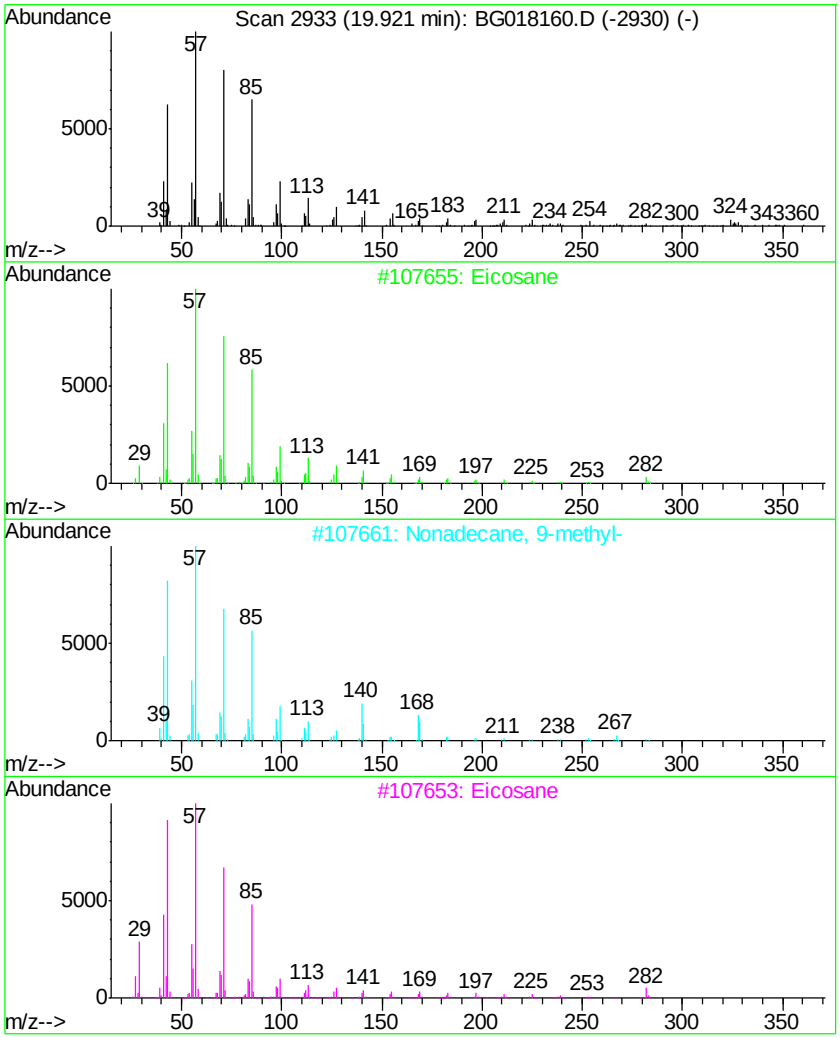
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

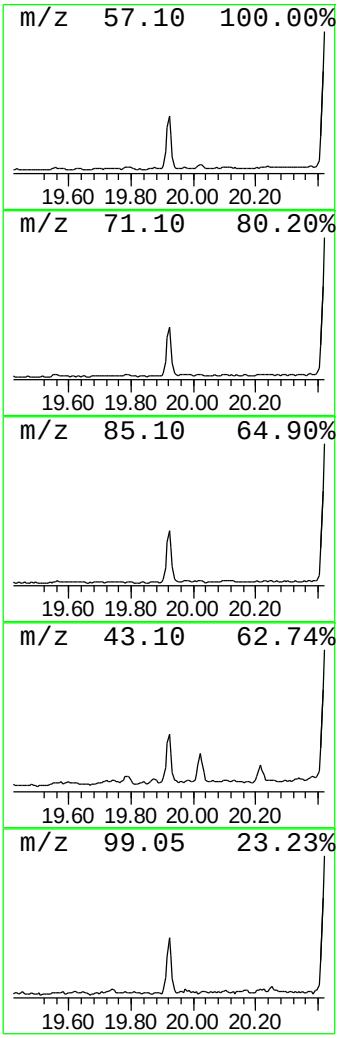
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	5.95 ng/ul	275087	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	98
3	Eicosane	282	C20H42	000112-95-8	97
4	Octadecane	254	C18H38	000593-45-3	97
5	Heptadecane	240	C17H36	000629-78-7	94





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Acq On : 28 Jul 2015 23:18
Operator : TP/UM
Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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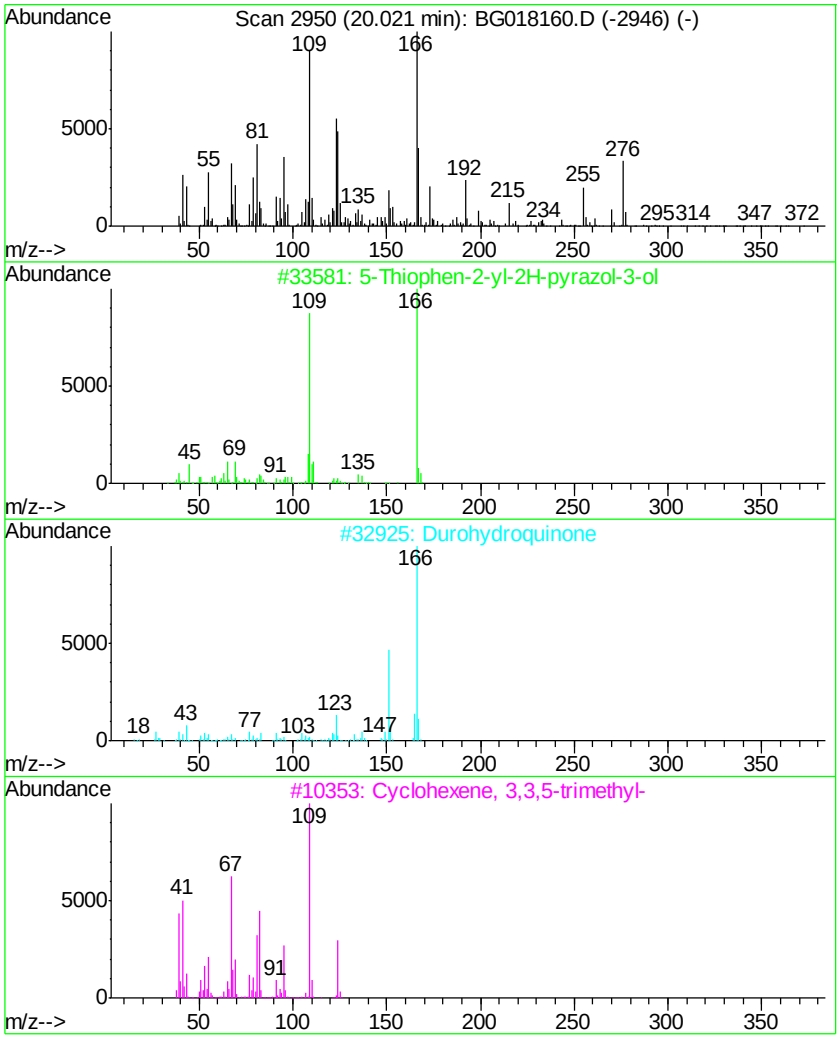
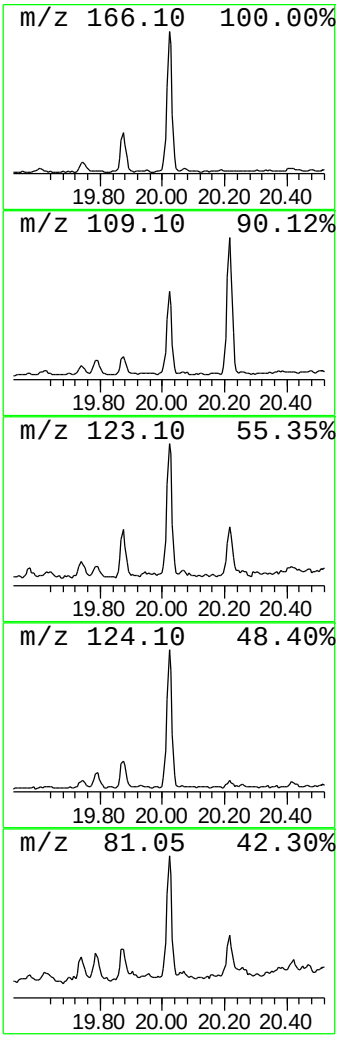
Peak Number 35 unknown-08 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	21.52 ng/ul	995272	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Thiophen-2-yl-2H-pyrazol-3-ol	166	C7H6N2OS	1000278-27-0	35
2	Durohydroquinone	166	C10H14O2	000527-18-4	25
3	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	22
4	5-Fluoro-m-xylene	124	C8H9F	000461-97-2	22
5	Cyclohexene, 3,5,5-trimethyl-	124	C9H16	000933-12-0	22





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Operator : TP/UM
Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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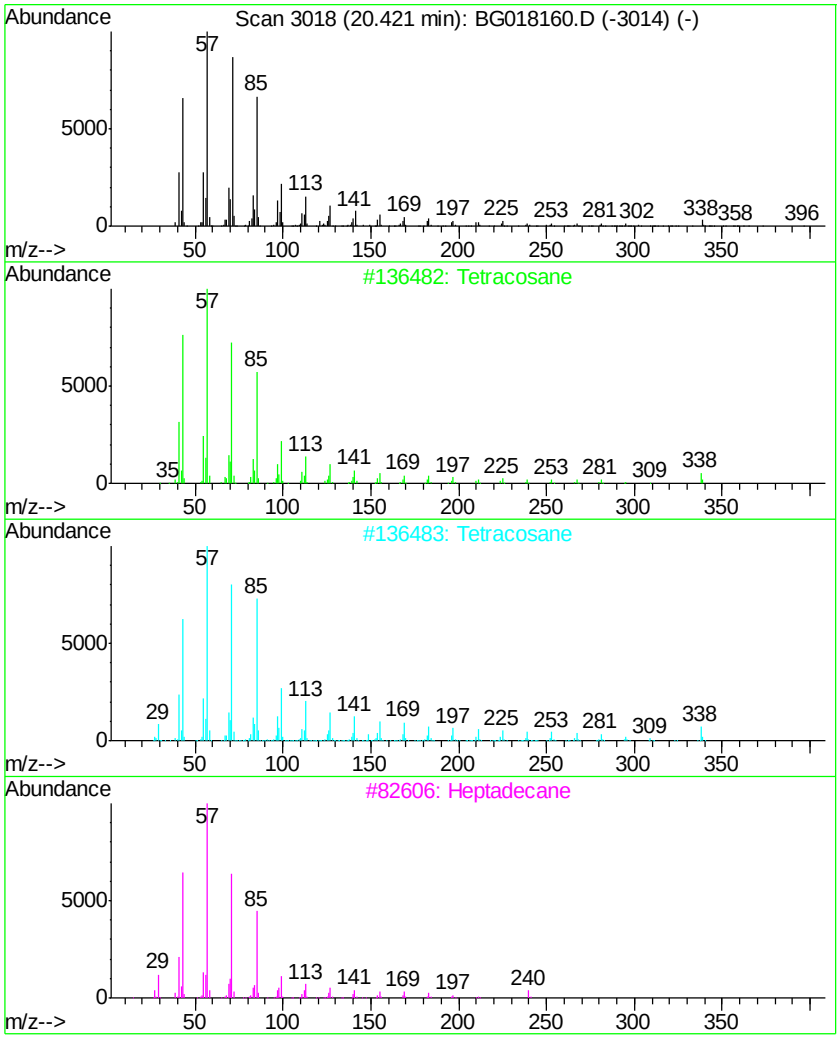
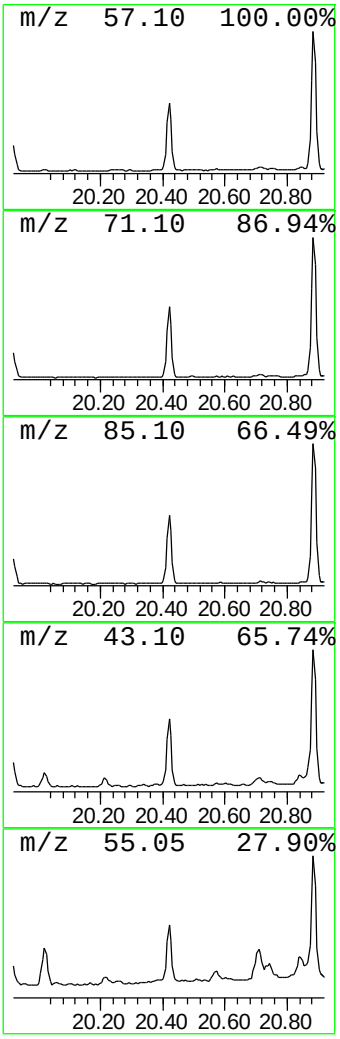
Peak Number 37 (DEL) Alkane: Cyclic20.42 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.42	16.93 ng/ul	783184	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	99
2	Tetracosane	338	C24H50	000646-31-1	98
3	Heptadecane	240	C17H36	000629-78-7	96
4	Eicosane	282	C20H42	000112-95-8	96
5	Nonadecane	268	C19H40	000629-92-5	95





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Acq On : 28 Jul 2015 23:18
Operator : TP/UM
Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

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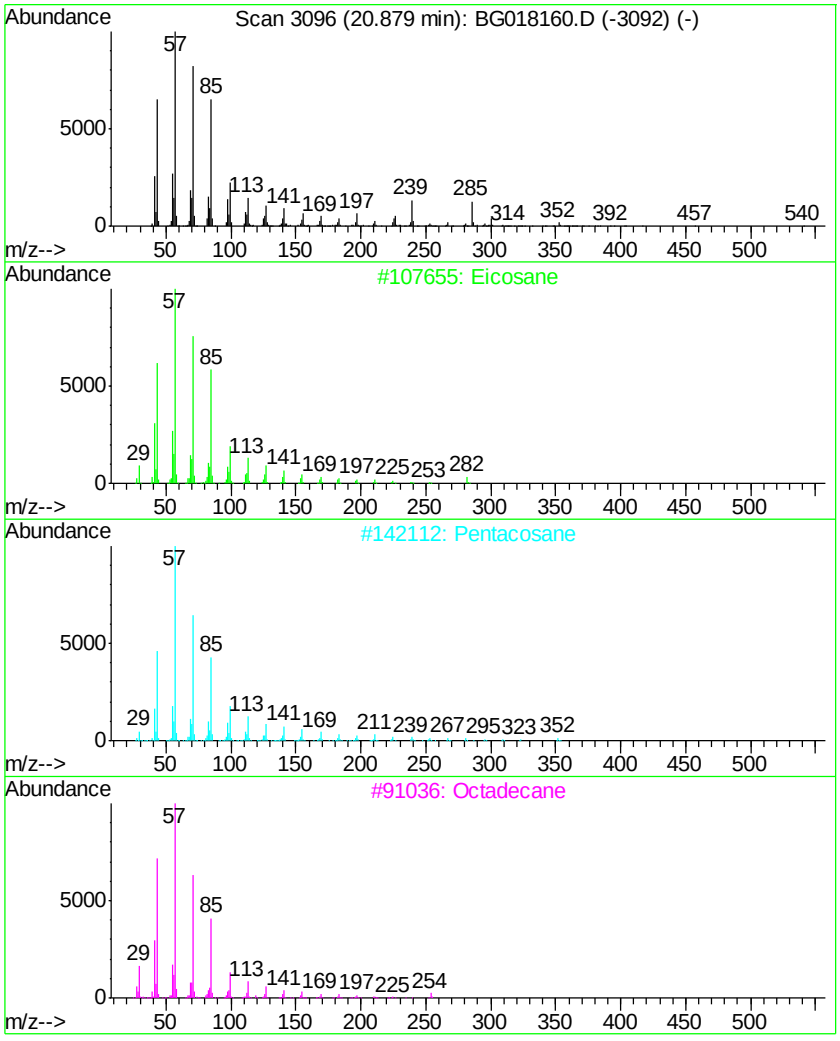
Quant Title : SVOA CALIBRATION

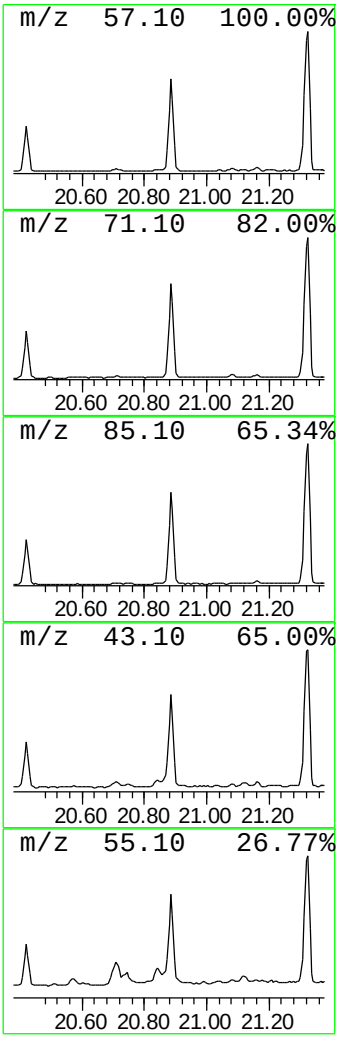
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	51.09 ng/ul	2363220	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Pentacosane	352	C25H52	000629-99-2	98
3	Octadecane	254	C18H38	000593-45-3	97
4	Hexadecane	226	C16H34	000544-76-3	95
5	Hexadecane	226	C16H34	000544-76-3	95





Library Search Compound Report

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Data File : BG018160.D
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Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

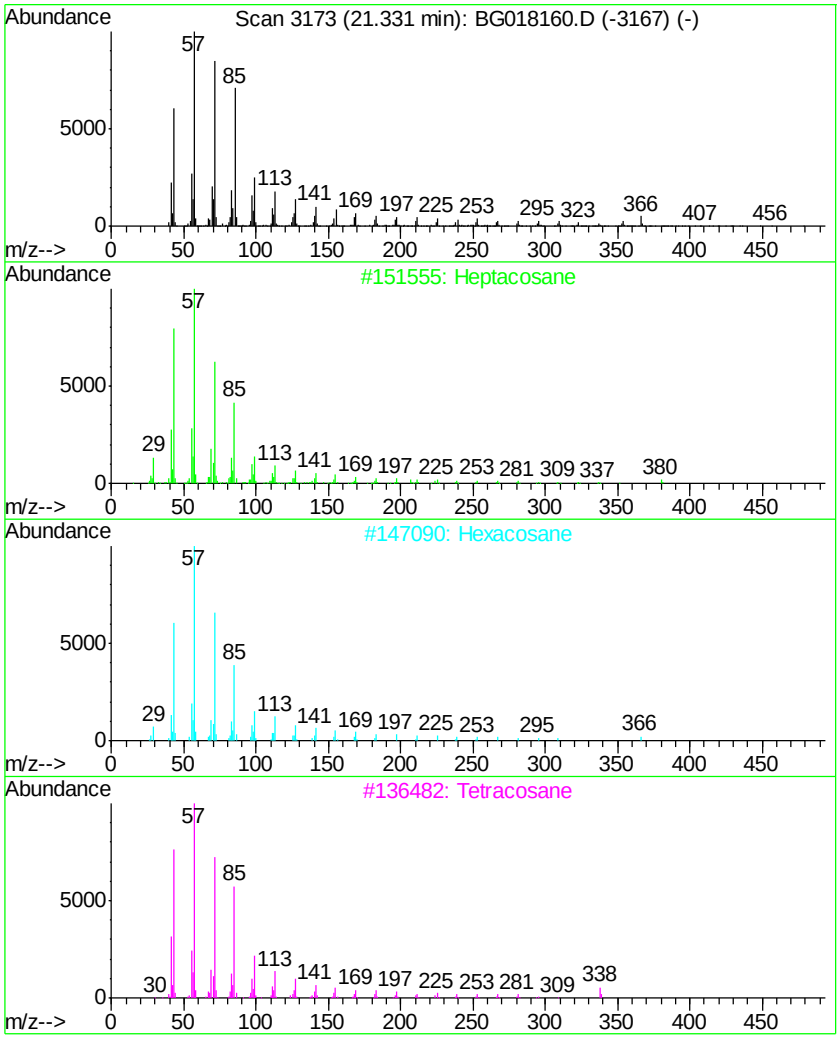
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

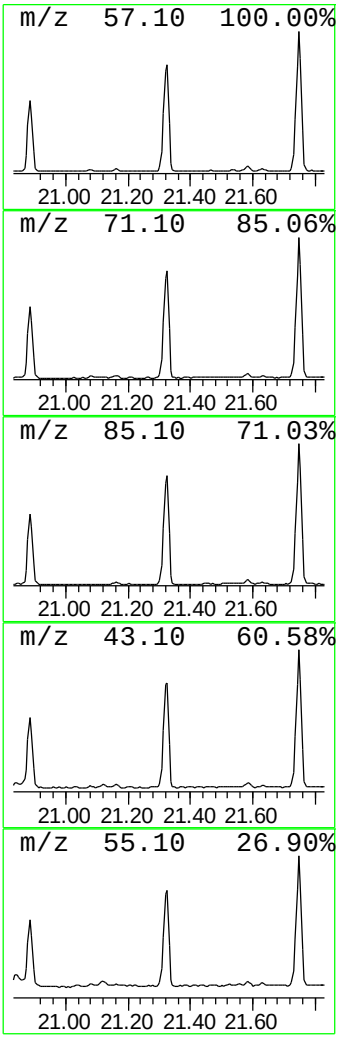
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	54.56 ng/ul	2523700	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	99
2	Hexacosane	366	C26H54	000630-01-3	98
3	Tetracosane	338	C24H50	000646-31-1	98
4	Octadecane	254	C18H38	000593-45-3	97
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	96





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : C02K1

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Quant Title : SVOA CALIBRATION

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

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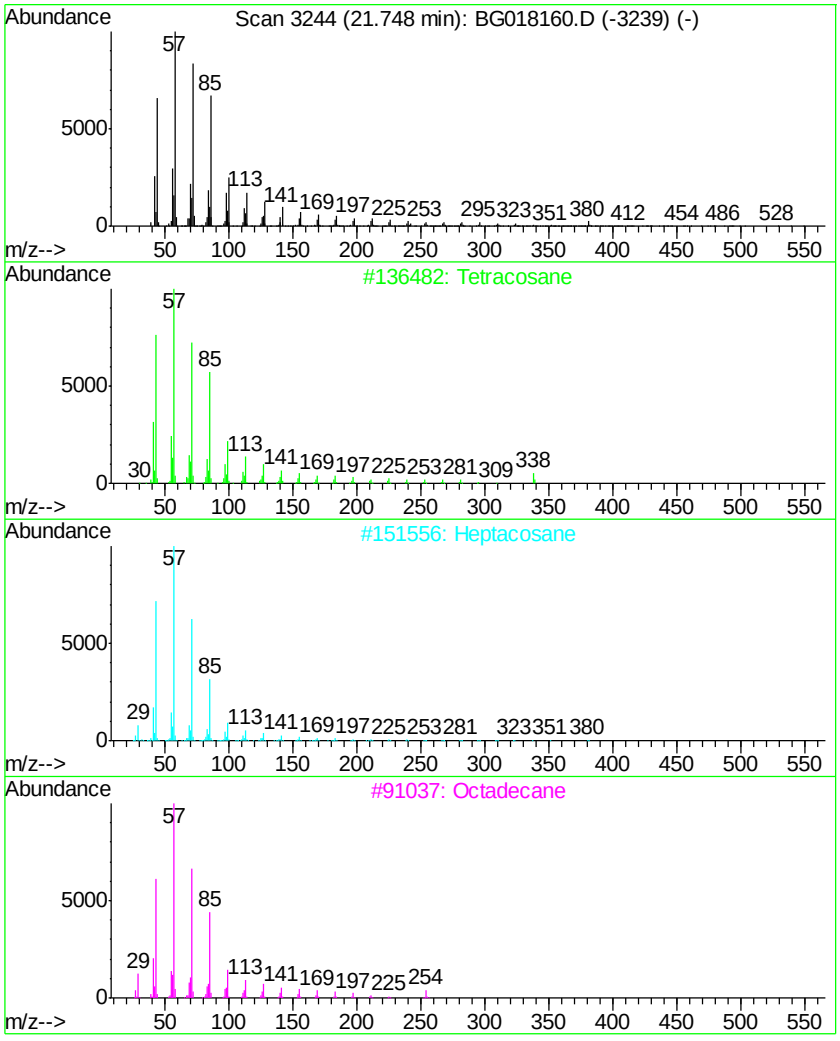
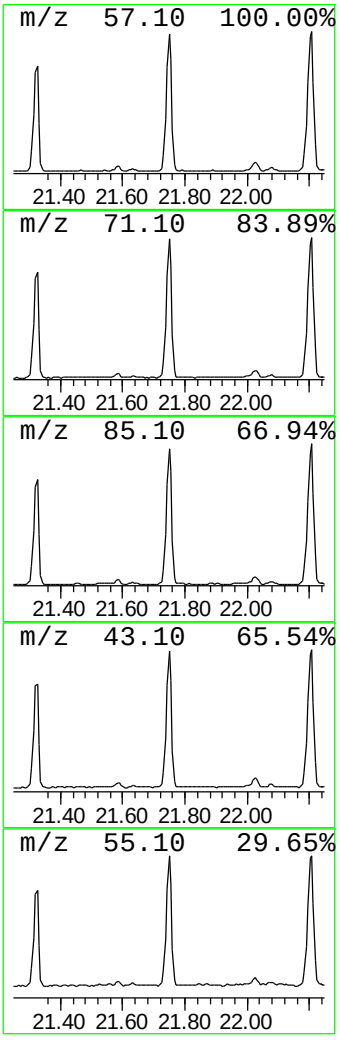
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	76.29 ng/ul	3528430	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	99
2	Heptacosane	380	C27H56	000593-49-7	99
3	Octadecane	254	C18H38	000593-45-3	97
4	Heptacosane	380	C27H56	000593-49-7	96
5	Octacosane	394	C28H58	000630-02-4	94





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Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

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Quant Title : SVOA CALIBRATION

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

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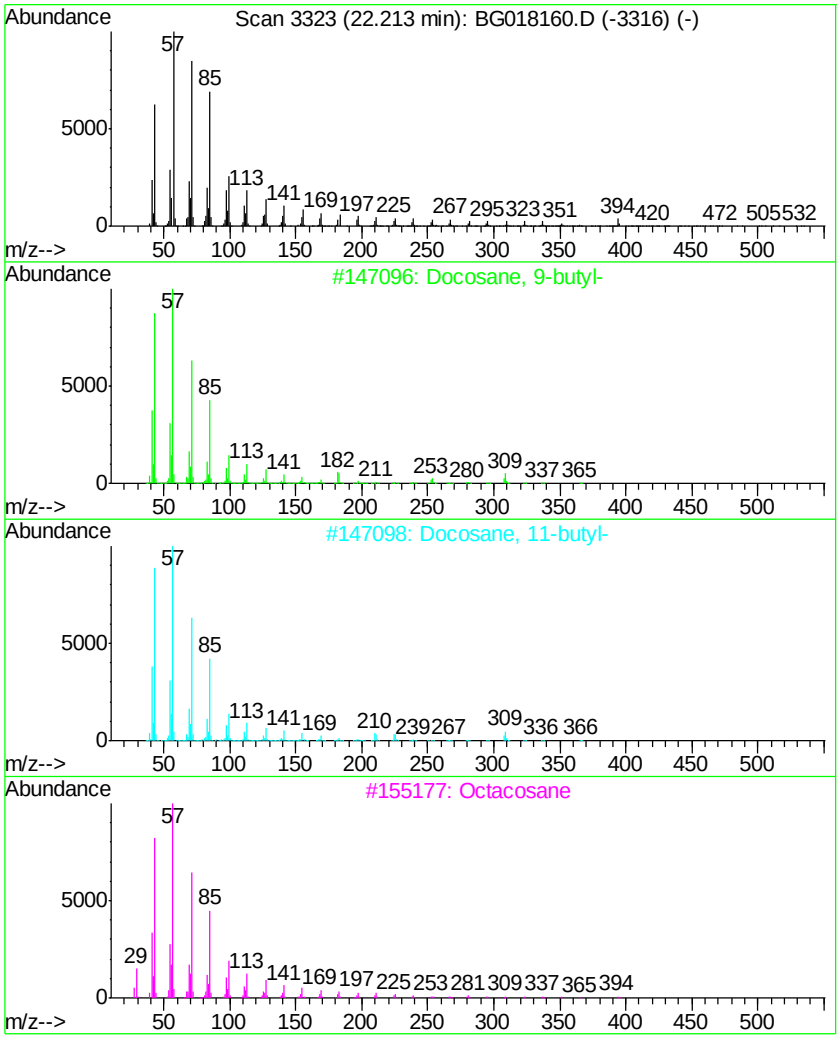
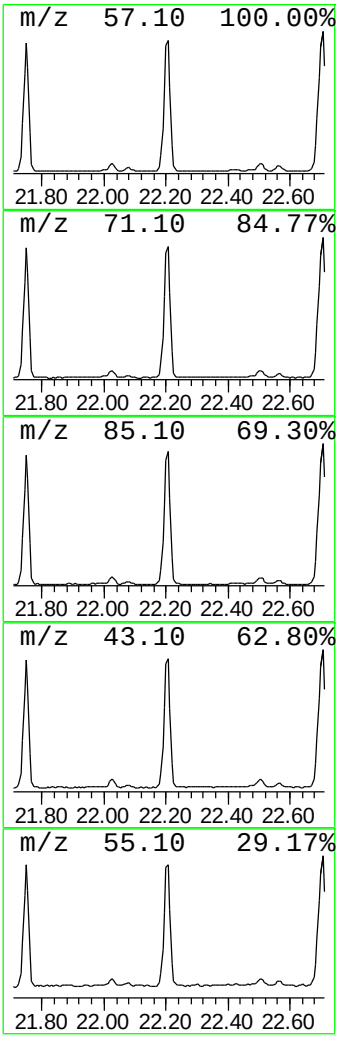
Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	89.90 ng/ul	4158050	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 9-butyl-	366	C26H54	055282-14-9	94
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptacosane	380	C27H56	000593-49-7	91





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ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

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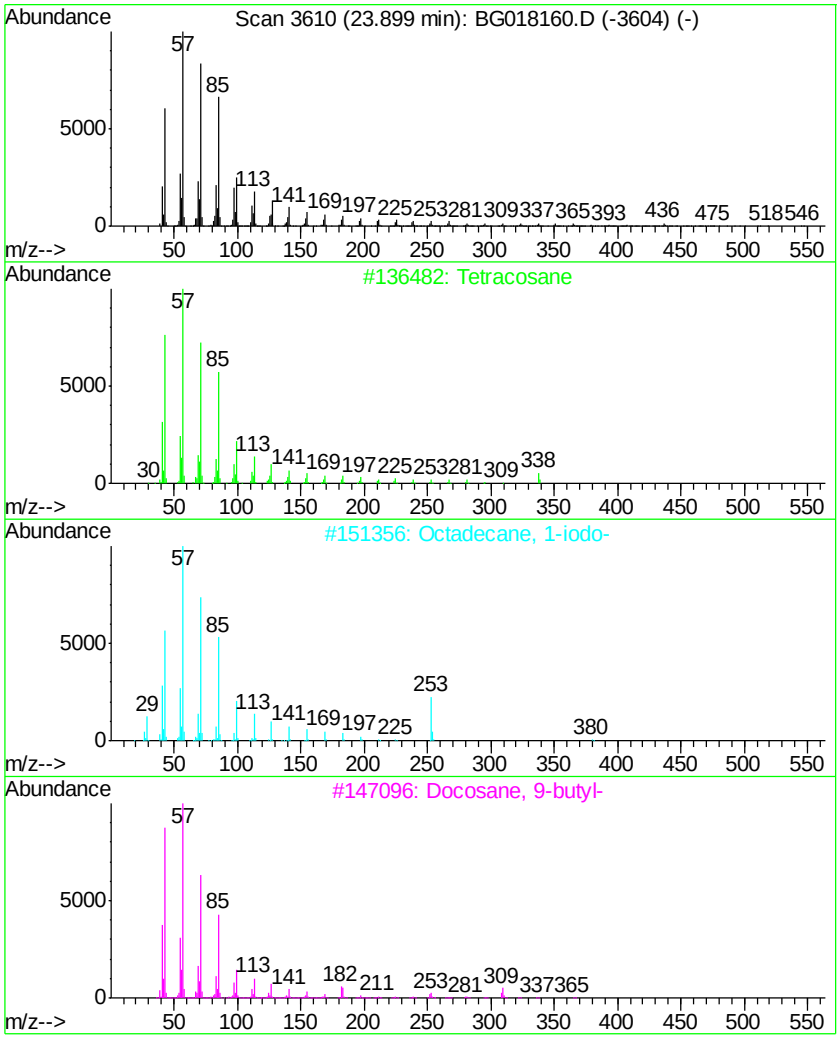
Quant Title : SVOA CALIBRATION

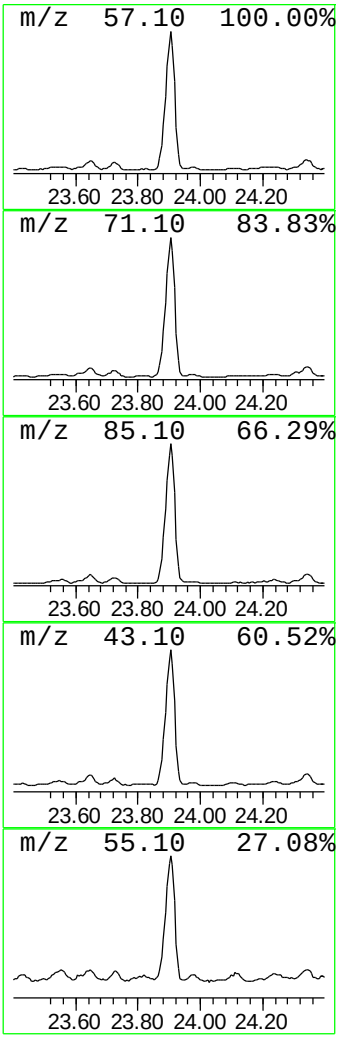
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	20.35 ng/ul	4764770	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	93
3	Docosane, 9-butyl-	366	C26H54	055282-14-9	93
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
5	Tetratetracontane	619	C44H90	007098-22-8	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018160.D
Acq On : 28 Jul 2015 23:18
Operator : TP/UM
Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

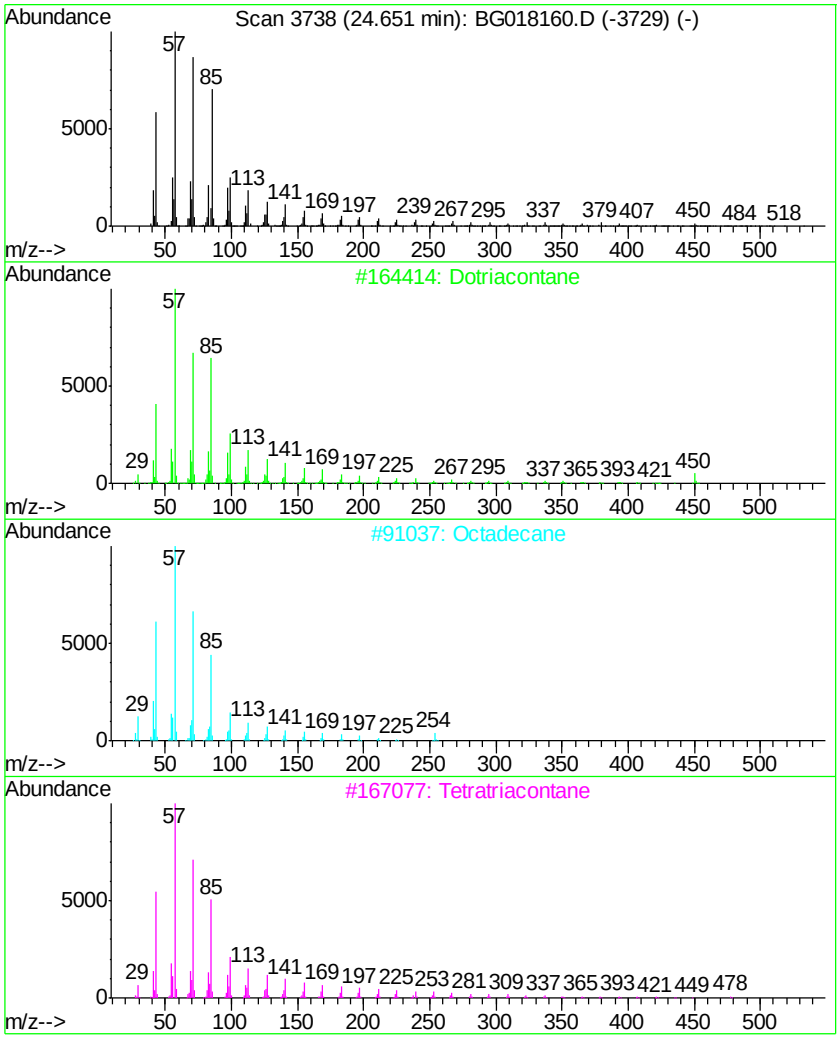
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

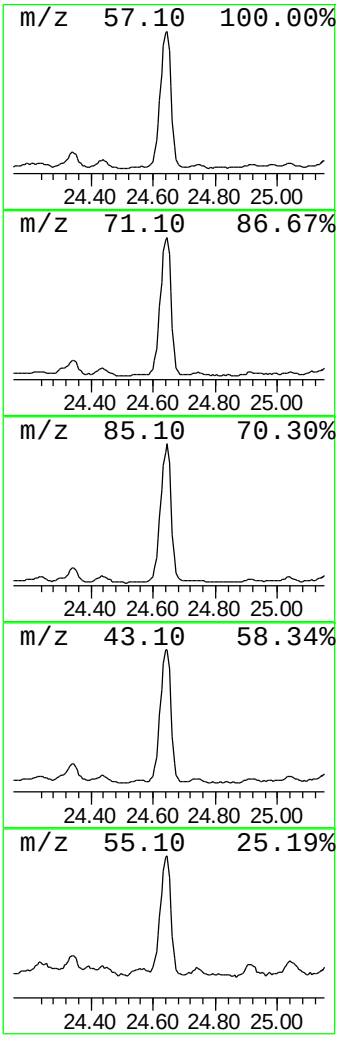
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.65	15.06 ng/ul	3525470	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontane	451	C32H66	000544-85-4	97
2	Octadecane	254	C18H38	000593-45-3	97
3	Tetratriacontane	479	C34H70	014167-59-0	96
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	93
5	Tetratetracontane	619	C44H90	007098-22-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018160.D
Acq On : 28 Jul 2015 23:18
Operator : TP/UM
Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

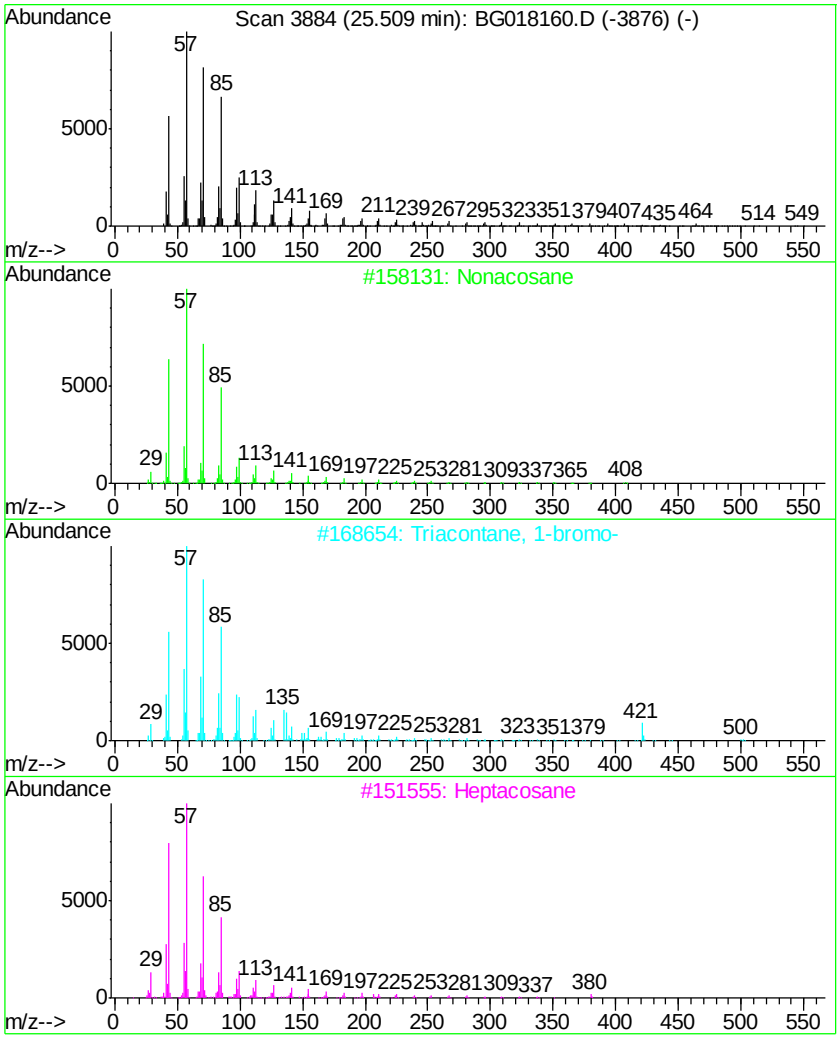
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

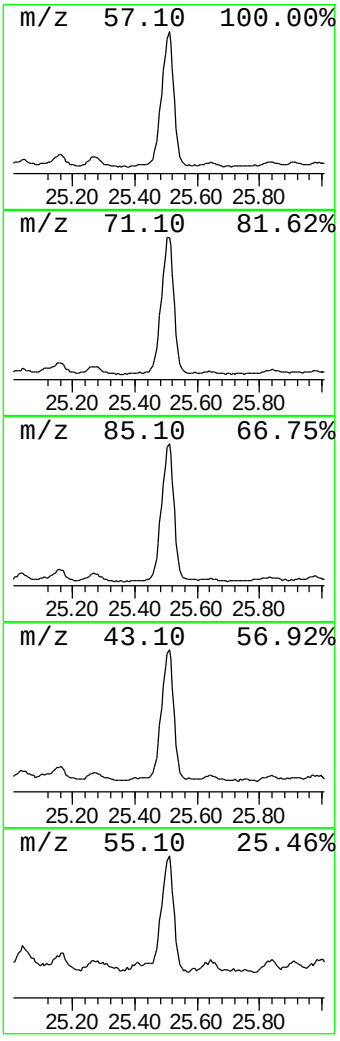
****

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.51	11.92 ng/ul	2790870	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	96
2	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5	Nonacosane	408	C29H60	000630-03-5	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018160.D
Acq On : 28 Jul 2015 23:18
Operator : TP/UM
Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

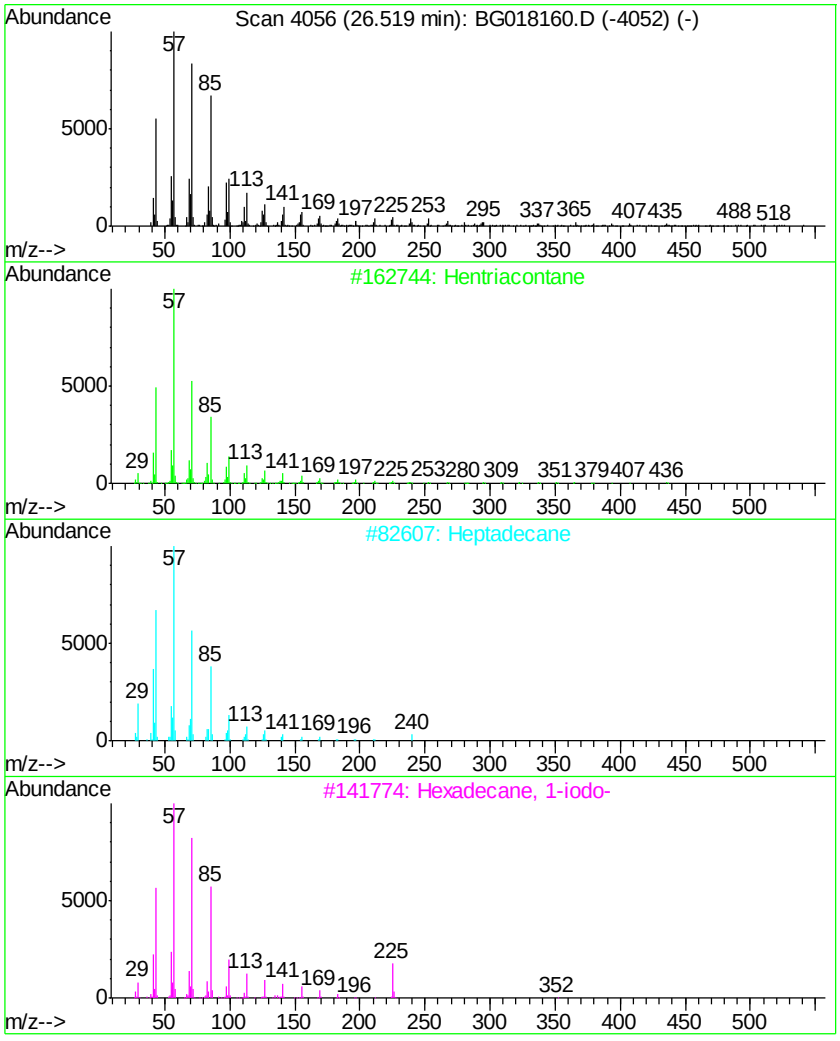
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

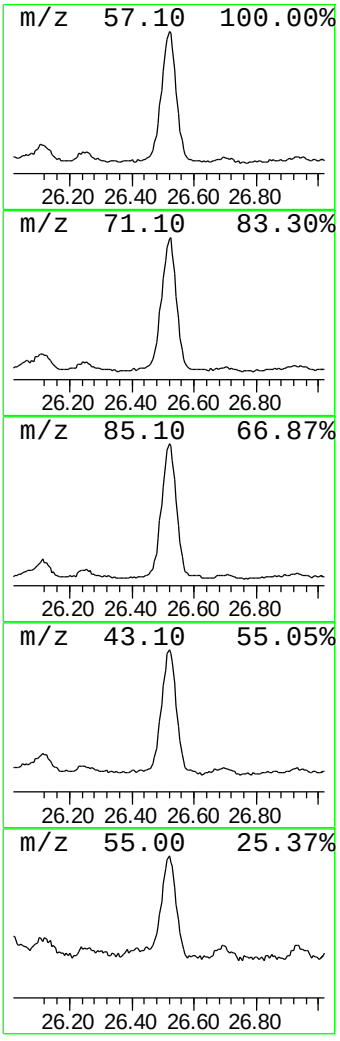
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.52	6.73 ng/ul	1576600	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	94
2	Heptadecane	240	C17H36	000629-78-7	93
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018160.D
Acq On : 28 Jul 2015 23:18
Operator : TP/UM
Sample : G3048-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.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
Benzene, 1-ethyl-...	6.61	2.3	ng/ul	37820	1	7.51	325501	20.0
Benzene, 1,2,3-tr...	7.17	10.8	ng/ul	175430	1	7.51	325501	20.0
Benzene, 1,2,4-tr...	7.62	3.1	ng/ul	49748	1	7.51	325501	20.0
Tetracyclo[3.3.1....	7.88	22.8	ng/ul	370512	1	7.51	325501	20.0
unknown-01	8.05	2.4	ng/ul	39668	1	7.51	325501	20.0
Benzene, 1-ethyl-...	8.15	2.6	ng/ul	42777	1	7.51	325501	20.0
Benzene, 4-ethyl-...	8.61	4.9	ng/ul	79223	1	7.51	325501	20.0
Benzofuran, 2-met...	8.86	2.5	ng/ul	40843	1	7.51	325501	20.0
(DEL) Alkane: Str...	10.47	4.1	ng/ul	115784	2	10.30	562848	20.0
2-Undecene, 5-met...	11.34	4.6	ng/ul	129860	2	10.30	562848	20.0
(DEL) Alkane: Str...	12.72	2.4	ng/ul	77848	3	14.19	662361	20.0
Benzenamine, 2,4,...	13.33	3.0	ng/ul	98195	3	14.19	662361	20.0
Naphthalene, 2,3,...	14.59	2.3	ng/ul	75061	3	14.19	662361	20.0
unknown-02	15.47	2.1	ng/ul	70895	3	14.19	662361	20.0
(DEL) Alkane: Str...	15.93	2.4	ng/ul	79626	4	16.94	678978	20.0
p-Hydroxybiphenyl	16.21	2.4	ng/ul	80328	4	16.94	678978	20.0
(DEL) Alkane: Str...	16.77	2.8	ng/ul	96388	4	16.94	678978	20.0
Phenanthrene, 2-m...	17.81	2.9	ng/ul	98217	4	16.94	678978	20.0
n-Hexadecanoic acid	17.88	21.0	ng/ul	712504	4	16.94	678978	20.0
unknown-03	18.02	3.9	ng/ul	131727	4	16.94	678978	20.0
unknown-04	18.16	3.3	ng/ul	110478	4	16.94	678978	20.0
unknown-05	18.24	5.9	ng/ul	201161	4	16.94	678978	20.0
10,18-Bisnorabiet...	18.26	5.9	ng/ul	201586	4	16.94	678978	20.0
18-Norabietane	18.43	3.5	ng/ul	118897	4	16.94	678978	20.0
4b,8-Dimethyl-2-i...	18.60	464.6	ng/ul	15773400	4	16.94	678978	20.0
1,8-Naphthyridine...	18.72	3.3	ng/ul	112151	4	16.94	678978	20.0
10,18-Bisnorabiet...	19.09	111.6	ng/ul	5159850	5	21.15	925045	20.0
Octadecanoic acid	19.16	6.4	ng/ul	294770	5	21.15	925045	20.0
unknown-06	19.74	3.6	ng/ul	168297	5	21.15	925045	20.0
unknown-07	19.79	8.6	ng/ul	398502	5	21.15	925045	20.0
2-Cyclopenten-1-o...	19.87	7.4	ng/ul	344282	5	21.15	925045	20.0
(DEL) Alkane: Str...	19.92	6.0	ng/ul	275087	5	21.15	925045	20.0
unknown-08	20.02	21.5	ng/ul	995272	5	21.15	925045	20.0
(DEL) Alkane: Cyc...	20.42	16.9	ng/ul	783184	5	21.15	925045	20.0
(DEL) Alkane: Str...	20.88	51.1	ng/ul	2363220	5	21.15	925045	20.0
(DEL) Alkane: Str...	21.33	54.6	ng/ul	2523700	5	21.15	925045	20.0
(DEL) Alkane: Str...	21.75	76.3	ng/ul	3528430	5	21.15	925045	20.0
(DEL) Alkane: Str...	22.21	89.9	ng/ul	4158050	5	21.15	925045	20.0
(DEL) Alkane: Str...	23.90	20.4	ng/ul	4764770	6	23.36	4683070	20.0
(DEL) Alkane: Str...	24.65	15.1	ng/ul	3525470	6	23.36	4683070	20.0
(DEL) Alkane: Str...	25.51	11.9	ng/ul	2790870	6	23.36	4683070	20.0
(DEL) Alkane: Str...	26.52	6.7	ng/ul	1576600	6	23.36	4683070	20.0