LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018208.D
Acq On : 1 Aug 2015 7:33
Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

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-BG073115.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	5.509	473	480	487	rVB2	42932	78463	4.11%	0.180%
2	6.484	635	646	651	rBV3	94708	173157	9.08%	0.397%
3	6.578	658	662	667	rVB	70469	98388	5.16%	0.225%
4	6.637	667	672	676	rBV2	63372	117854	6.18%	0.270%
5	6.684	676	680	683	rVV	69748	113468	5.95%	0.260%
6	6.713	683	685	692	rVB2	61112	81795	4.29%	0.187%
7	6.831	696	705	709	rBV	77459	134705	7.06%	0.309%
8	7.024	732	738	749	rVB2	104697	199857	10.48%	0.458%
9	7.136	749	757	762	rBV2	171193	303342	15.90%	0.695%
10	7.483	807	816	822	rVB2	252444	475982	24.96%	1.091%
11	7.976	895	900	903	rBV3	59070	96500	5.06%	0.221%
12	8.023	903	908	913	rVB3	98258	160200	8.40%	0.367%
13	8.123	920	925	928	rBV2	106644	166831	8.75%	0.382%
14	8.587	995	1004	1009	rBV	195877	324905	17.04%	0.745%
15	8.646	1009	1014	1022	rVV2	83842	206259	10.81%	0.473%
16	8.717	1022	1026	1035	rVB2	74404	140802	7.38%	0.323%
17	8.828	1042	1045	1051	rVB5	50454	97740	5.12%	0.224%
18	9.063	1079	1085	1088	rBV2	55748	92823	4.87%	0.213%
19	9.110	1088	1093	1099	rVV2	110903	224877	11.79%	0.515%
20	9.169	1099	1103	1112	rVB3	69872	173474	9.10%	0.398%
21	9.363	1128	1136	1140	rBV4	132534	261023	13.69%	0.598%
22	9.445	1146	1150	1159	rVB8	47445	136191	7.14%	0.312%
23	9.557	1166	1169	1174	rVB2	56319	80746	4.23%	0.185%
24	9.674	1184	1189	1193	rBV4	104797	179673	9.42%	0.412%
25	9.757	1199	1203	1207	rVB5	64496	107249	5.62%	0.246%
26	9.903	1224	1228	1233	rVB	119786	182029	9.54%	0.417%
27	9.980	1236	1241	1244	rBV	77509	118239	6.20%	0.271%
28	10.268	1281	1290	1295	rBV2	362857	726850	38.11%	1.666%
29	10.321	1295	1299	1306	rVV2	158385	265398	13.92%	0.608%
30	10.385	1306	1310	1315	rVV2	80384	127545	6.69%	0.292%
31	10.444	1315	1320	1325	rVV2	141343	228062	11.96%	0.523%
32	10.497	1325	1329	1336	rVB3	66813	124363	6.52%	0.285%
33	10.567	1337	1341	1347	rVB6	38367	75785	3.97%	0.174%
34	10.679	1356	1360	1368	rVB6	32477	82874	4.35%	0.190%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018208.D
Acq On : 1 Aug 2015 7:33
Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

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-BG073115.M
Title : SVOA CALIBRATION

35	10.761	1370	1374	1378	rVB4	50338	82106	4.30%	0.188%
36	10.943	1399	1405	1406	rBV5	54479	91280	4.79%	0.209%
37	11.043	1419	1422	1428	rVB6	48550	82776	4.34%	0.190%
38	11.120	1428	1435	1440	rBV6	55628	127558	6.69%	0.292%
39	11.184	1441	1446	1454	rVB4	83969	192747	10.11%	0.442%
40	11.308	1461	1467	1472	rBV2	228099	416097	21.82%	0.954%
41	11.460	1486	1493	1496	rBV6	45194	98695	5.17%	0.226%
42	11.560	1507	1510	1515	rVB6	49557	81310	4.26%	0.186%
43	11.948	1572	1576	1584	rVB2	196157	331869	17.40%	0.761%
44	12.019	1584	1588	1591	rBV4	58095	95126	4.99%	0.218%
45	12.171	1608	1614	1618	rBV2	119997	222750	11.68%	0.510%
46	12.494	1664	1669	1674	rBV8	53217	97785	5.13%	0.224%
47	12.571	1677	1682	1689	rVB8	79828	156412	8.20%	0.358%
48	12.641	1690	1694	1699	rVV7	56729	120988	6.34%	0.277%
49	12.694	1699	1703	1707	rVV	276560	379418	19.89%	0.869%
50	12.741	1707	1711	1717	rVB6	75490	135849	7.12%	0.311%
51	12.923	1739	1742	1745	rBV	85453	98716	5.18%	0.226%
52	13.076	1765	1768	1773	rBV4	60154	87272	4.58%	0.200%
53	13.311	1805	1808	1816	rBV2	72367	185280	9.71%	0.425%
54	13.476	1832	1836	1841	rBV2	160307	270902	14.20%	0.621%
55	13.576	1848	1853	1857	rVB2	567738	799297	41.91%	1.832%
56	13.628	1857	1862	1864	rVV	318433	474084	24.86%	1.086%
57	13.658	1864	1867	1871	rVV	396695	543786	28.51%	1.246%
58	13.699	1871	1874	1880	rVB6	94064	206992	10.85%	0.474%
59	13.852	1896	1900	1903	rBV	155337	229987	12.06%	0.527%
60	13.987	1919	1923	1928	rVB	308037	414458	21.73%	0.950%
61	14.069	1932	1937	1942	rBV6	86196	184243	9.66%	0.422%
62	14.122	1942	1946	1949	rBV3	148081	265788	13.94%	0.609%
63	14.163	1949	1953	1959	rVB2	435831	693395	36.36%	1.589%
64	14.645	2033	2035	2038	rVB	97505	97451	5.11%	0.223%
65	14.704	2041	2045	2051	rVB4	194423	286854	15.04%	0.657%
66	14.792	2056	2060	2062	rBV3	104089	163087	8.55%	0.374%
67	14.886	2072	2076	2082	rBV6	94132	164806	8.64%	0.378%
68	14.950	2082	2087	2092	rBV4	279340	450036	23.60%	1.031%
69	15.039	2099	2102	2111	rBV6	95462	205236	10.76%	0.470%
70	15.162	2120	2123	2128	rVB	294953	383680	20.12%	0.879%
71	15.215	2128	2132	2136	rBV7	98400	175858	9.22%	0.403%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018208.D
Acq On : 1 Aug 2015 7:33
Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

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-BG073115.M
Title : SVOA CALIBRATION

72	15.444	2166	2171	2177	rBV2	421146	655141	34.35%	1.501%
73	15.926	2245	2253	2258	rBV	975189	1687419	88.47%	3.867%
74	16.748	2388	2393	2400	rVB2	603435	944103	49.50%	2.163%
75	16.925	2418	2423	2426	rBV	470381	712866	37.38%	1.634%
76	16.966	2426	2430	2434	rVV	643002	895047	46.93%	2.051%
77	17.019	2436	2439	2447	rVV3	272152	430515	22.57%	0.987%
78	17.107	2451	2454	2462	rVB6	167205	292419	15.33%	0.670%
79	17.641	2541	2545	2550	rBV2	290326	383475	20.11%	0.879%
80	18.000	2601	2606	2611	rBV	1418027	1883108	98.73%	4.315%
81	18.064	2612	2617	2620	rVV	1194758	1457659	76.43%	3.340%
82	18.106	2620	2624	2628	rVB	782406	874087	45.83%	2.003%
83	18.288	2651	2655	2660	rBV2	296660	520500	27.29%	1.193%
84	18.429	2676	2679	2683	rVB	244291	241918	12.68%	0.554%
85	18.834	2745	2748	2750	rBV2	470143	613294	32.16%	1.405%
86	18.863	2750	2753	2759	rVB4	883956	1549183	81.23%	3.550%
87	18.946	2763	2767	2770	rBV2	369720	500619	26.25%	1.147%
88	18.999	2772	2776	2781	rVB	1322143	1589026	83.32%	3.641%
89	19.063	2782	2787	2792	rBV2	906325	1444383	75.73%	3.310%
90	19.146	2796	2801	2807	rBV	925779	1479384	77.57%	3.390%
91	19.210	2809	2812	2816	rBV	628875	735178	38.55%	1.685%
92	19.334	2829	2833	2835	rBV2	592701	789302	41.38%	1.809%
93	19.363	2835	2838	2843	rVB	1201607	1555835	81.58%	3.565%
94	19.598	2874	2878	2885	rVB	1272313	1602438	84.02%	3.672%
95	19.856	2918	2922	2927	rVB2	871819	1218861	63.91%	2.793%
96	19.909	2929	2931	2936	rVB	352989	407093	21.34%	0.933%
97	20.138	2968	2970	2976	rVB2	418989	446483	23.41%	1.023%
98	21.061	3124	3127	3130	rVB	459108	447300	23.45%	1.025%
99	21.131	3134	3139	3142	rVV2	1029979	1907238	100.00%	4.371%
100	21.167	3143	3145	3153	rVB	911509	1122621	58.86%	2.573%

Sum of corrected areas: 43637918

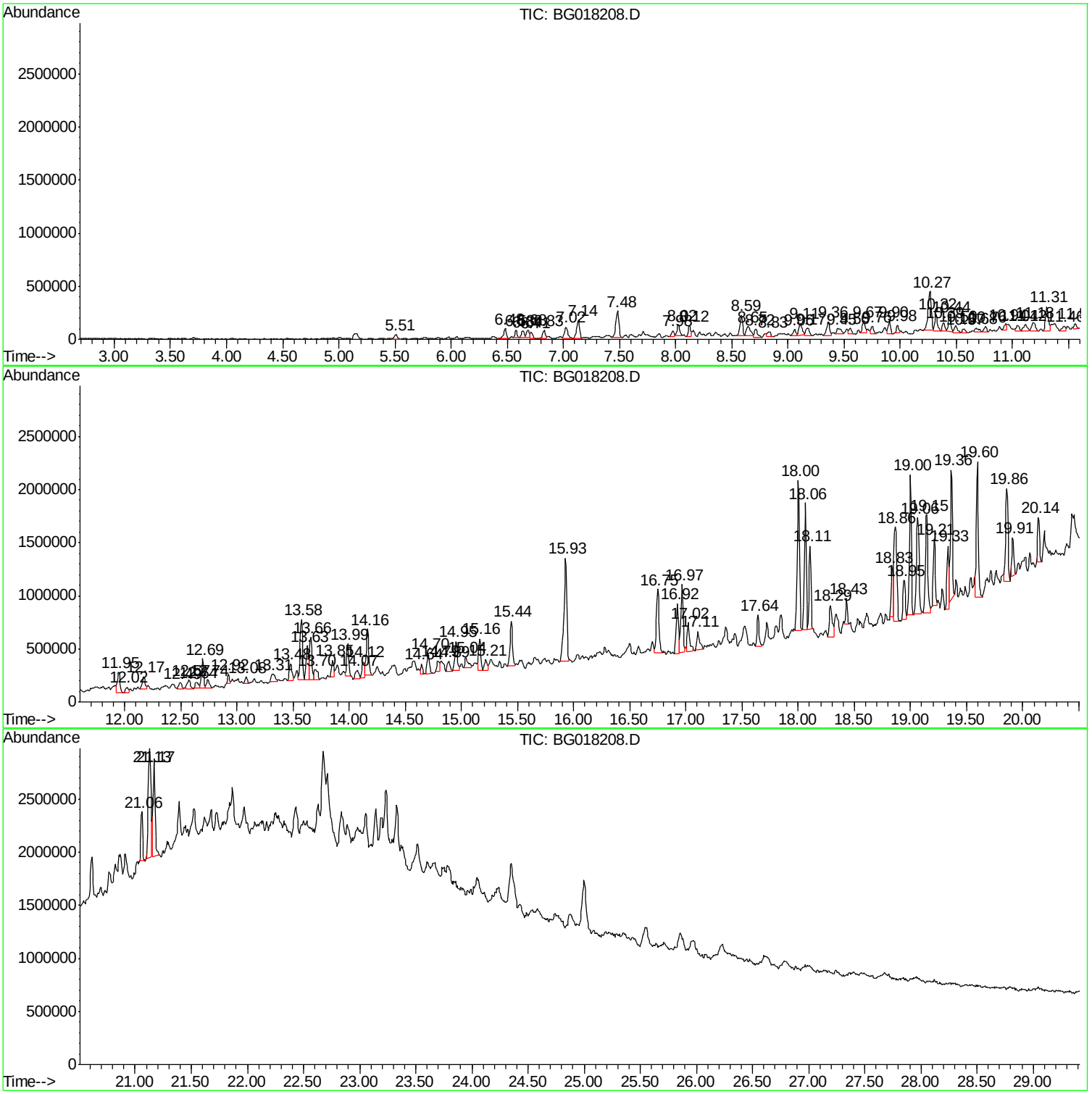
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018208.D
Acq On : 1 Aug 2015 7:33
Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018208.D
Acq On : 1 Aug 2015 7:33
Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

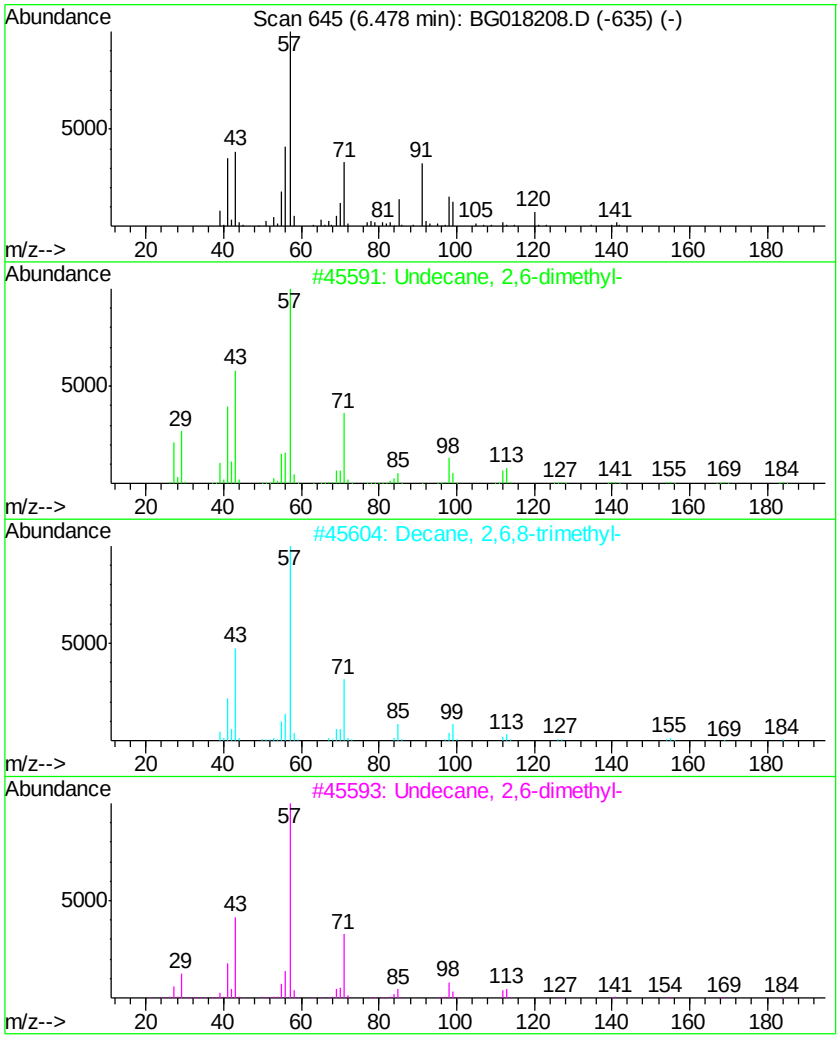
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

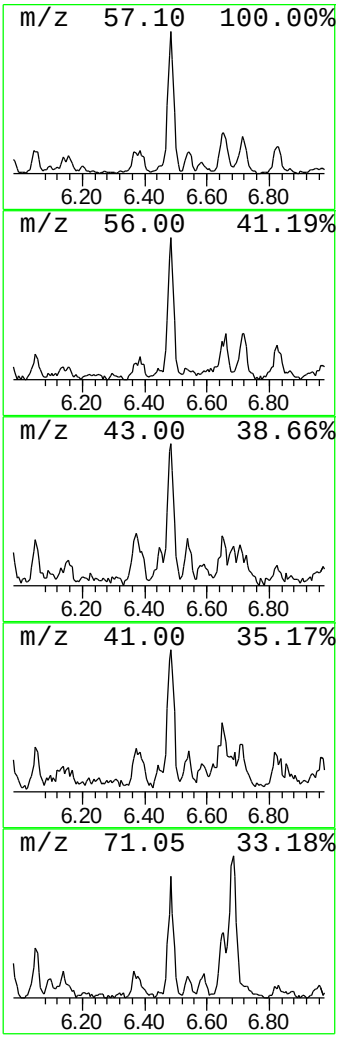
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	7.28 ng/ul	173157	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	50
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	50
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018208.D
Acq On : 1 Aug 2015 7:33
Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

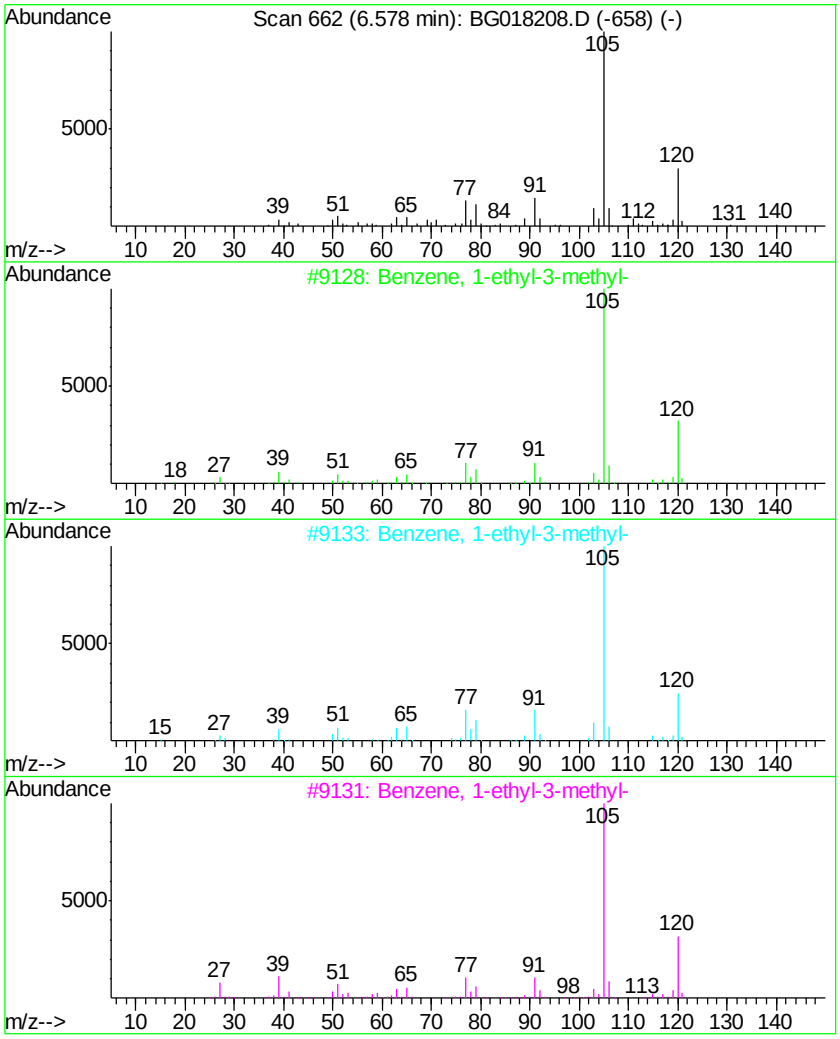
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

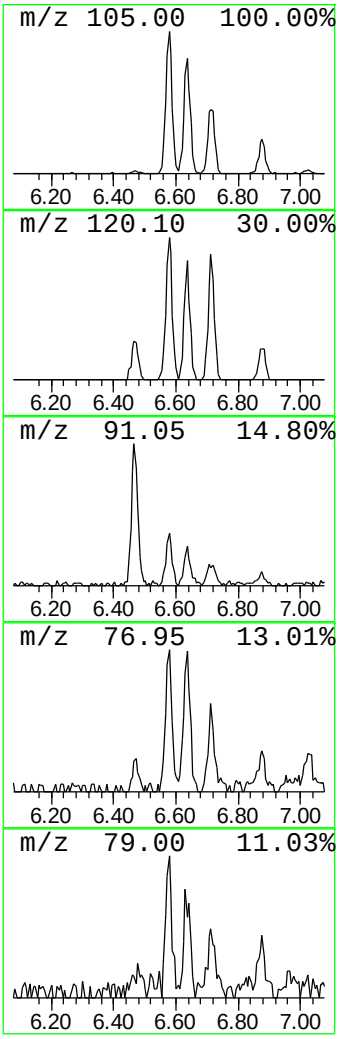
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	4.13 ng/ul	98388	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018208.D
Acq On : 1 Aug 2015 7:33
Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

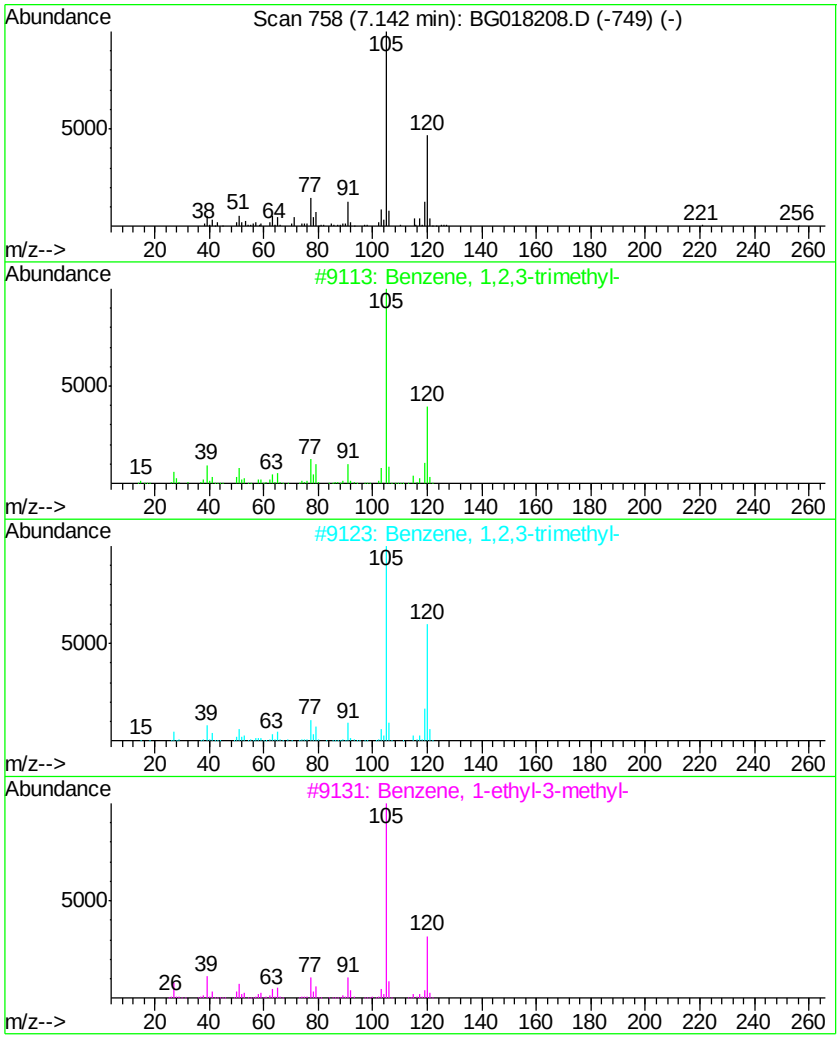
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

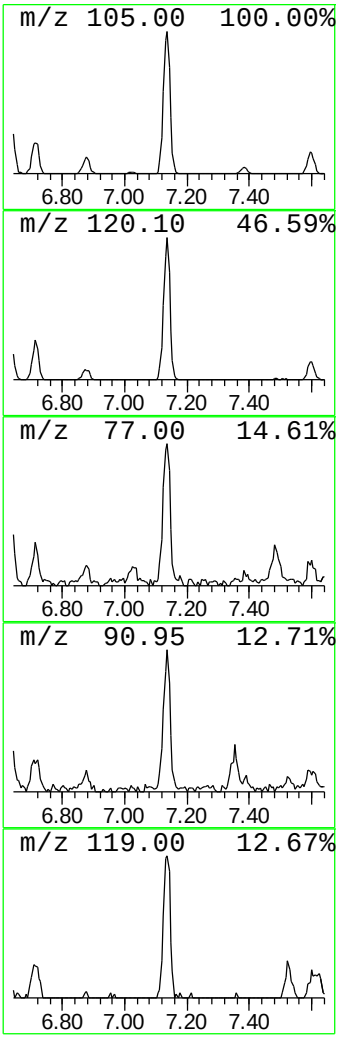
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	12.75 ng/ul	303342	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018208.D
Acq On : 1 Aug 2015 7:33
Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

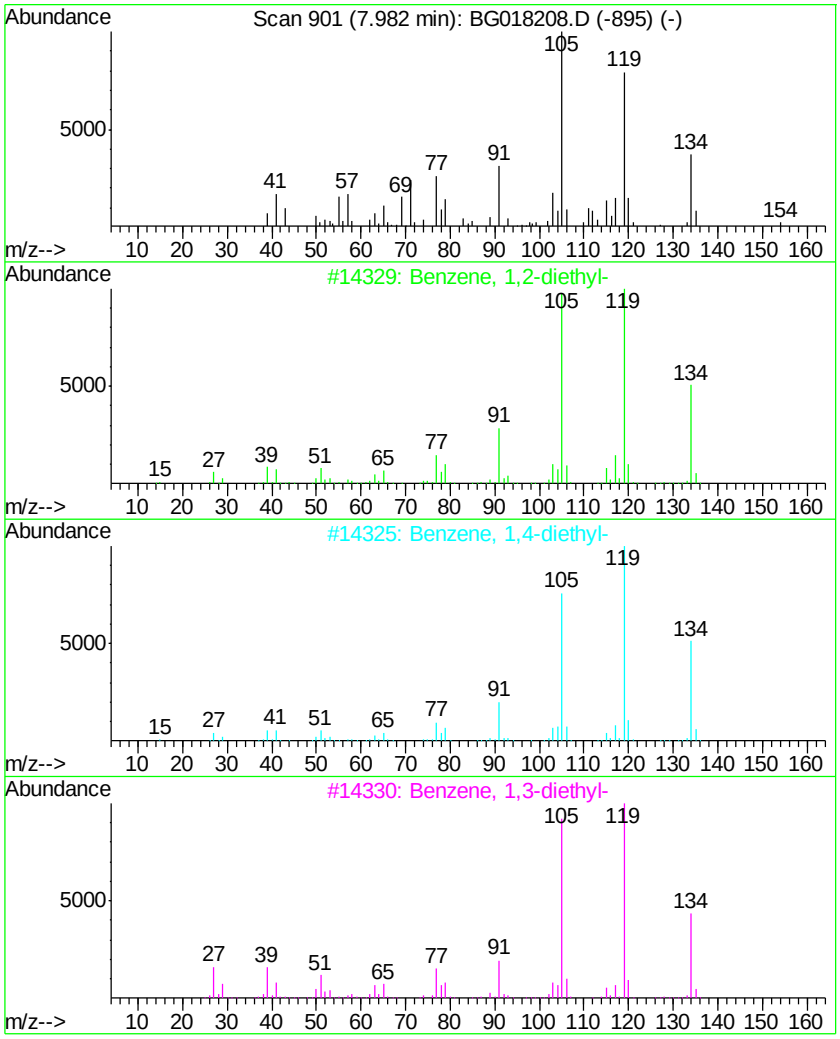
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

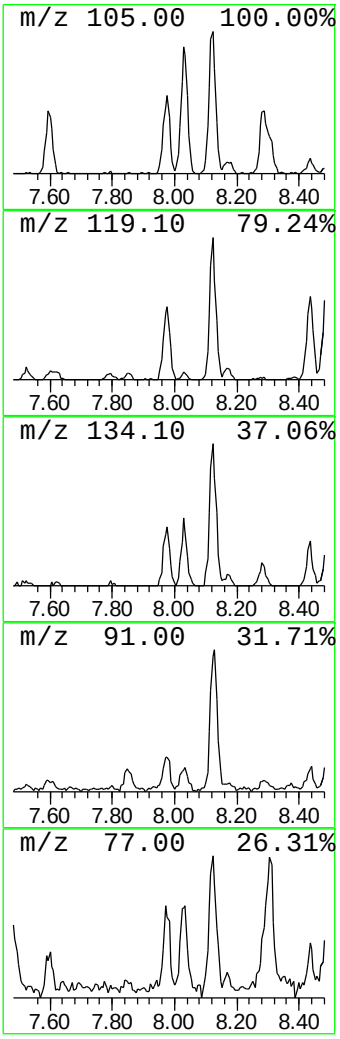
****

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	4.05 ng/ul	96500	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018208.D
Acq On : 1 Aug 2015 7:33
Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

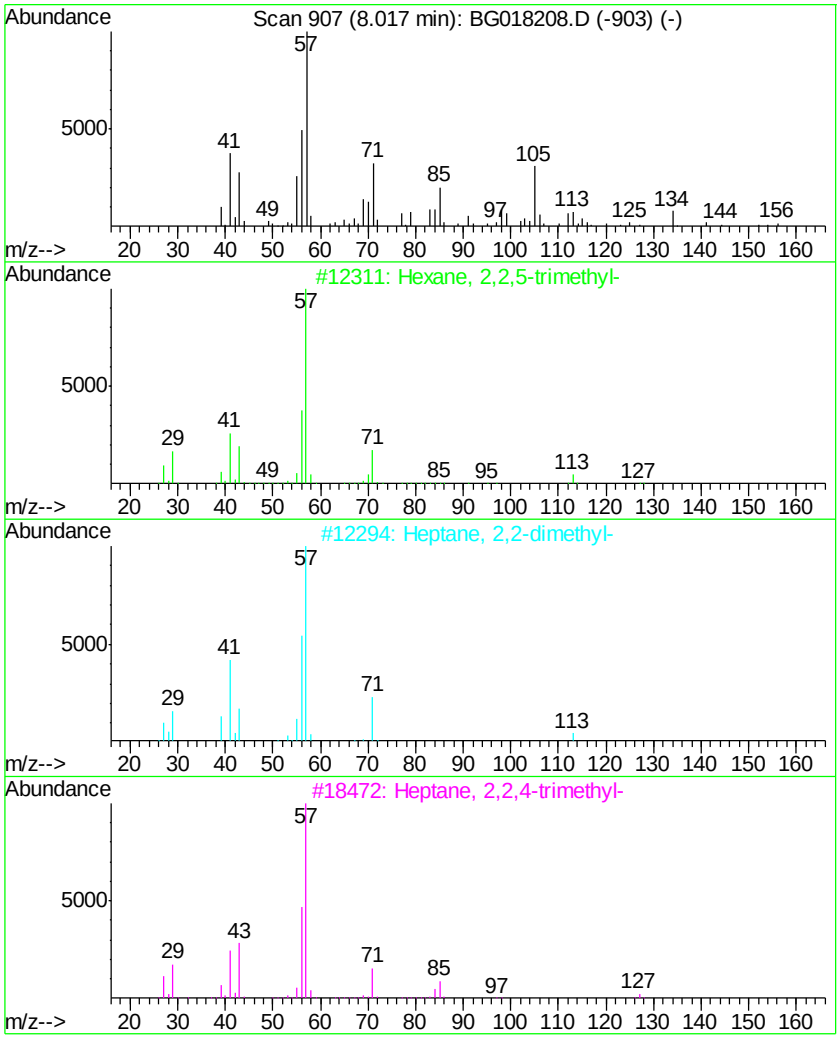
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

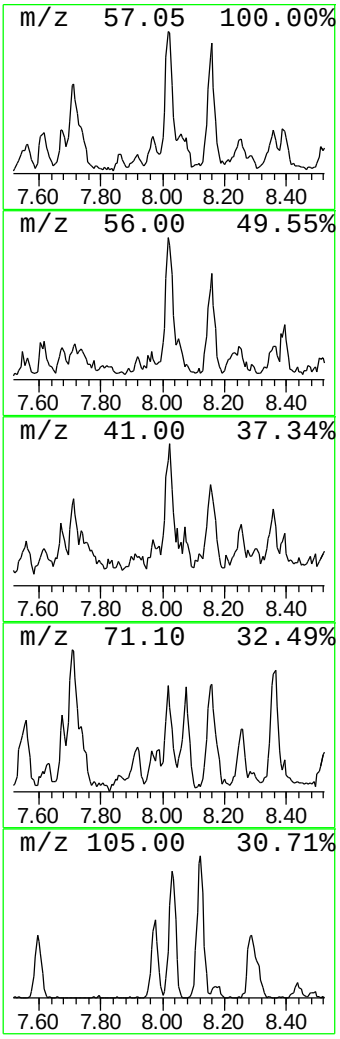
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	6.73 ng/ul	160200	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50
2	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	47
3	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	43
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
5	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	43





Library Search Compound Report

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Acq On : 1 Aug 2015 7:33
Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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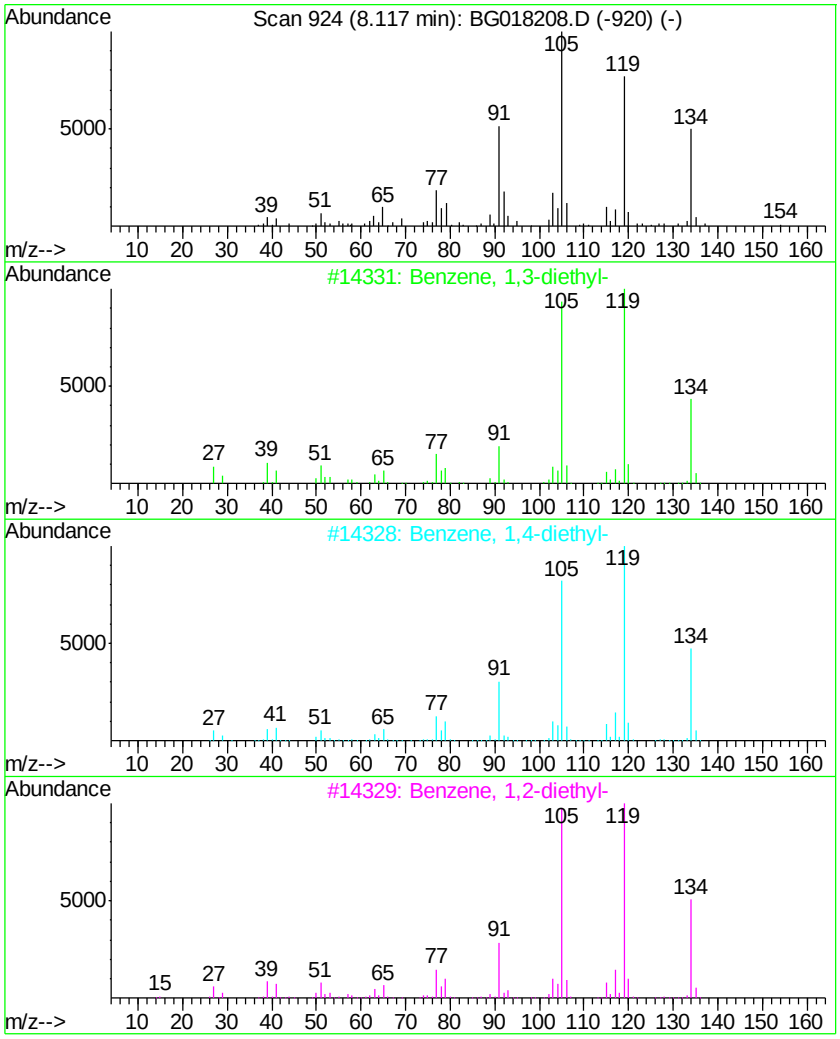
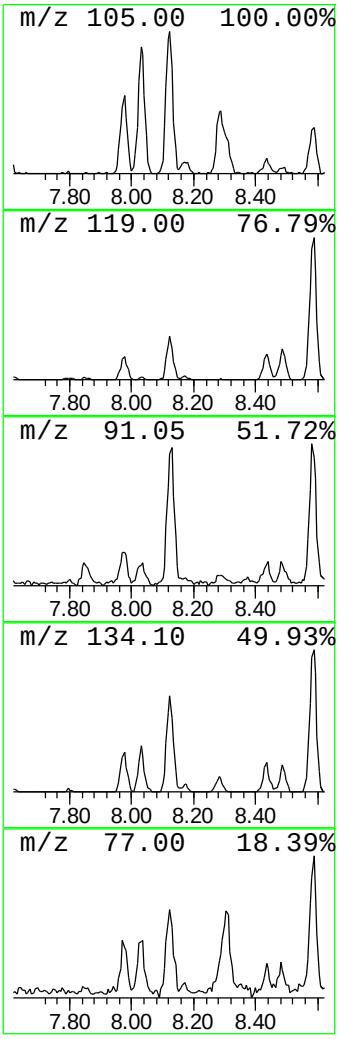
Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	7.01 ng/ul	166831	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90





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Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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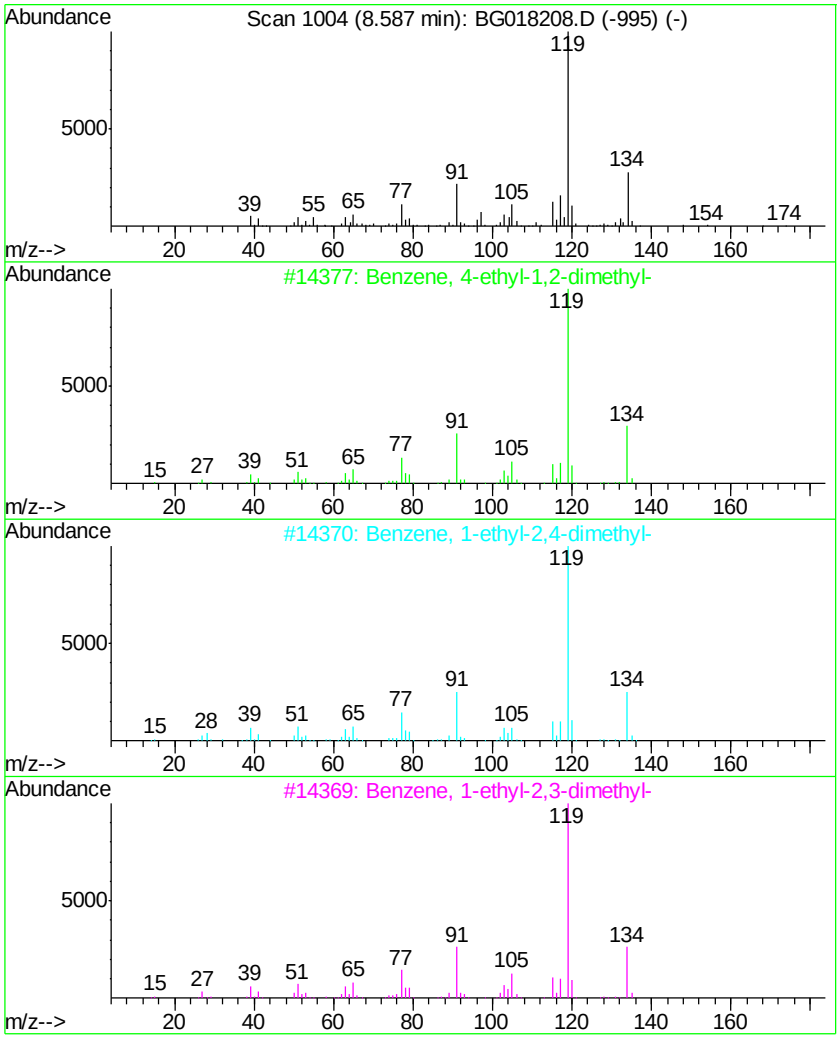
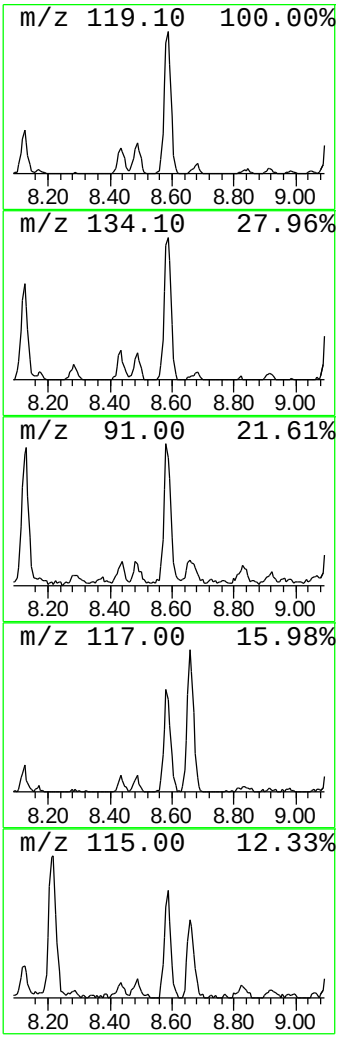
Peak Number 8 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	13.65 ng/ul	324905	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93





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Misc :
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Instrument : BNA_G
ClientSampleId : C01Z4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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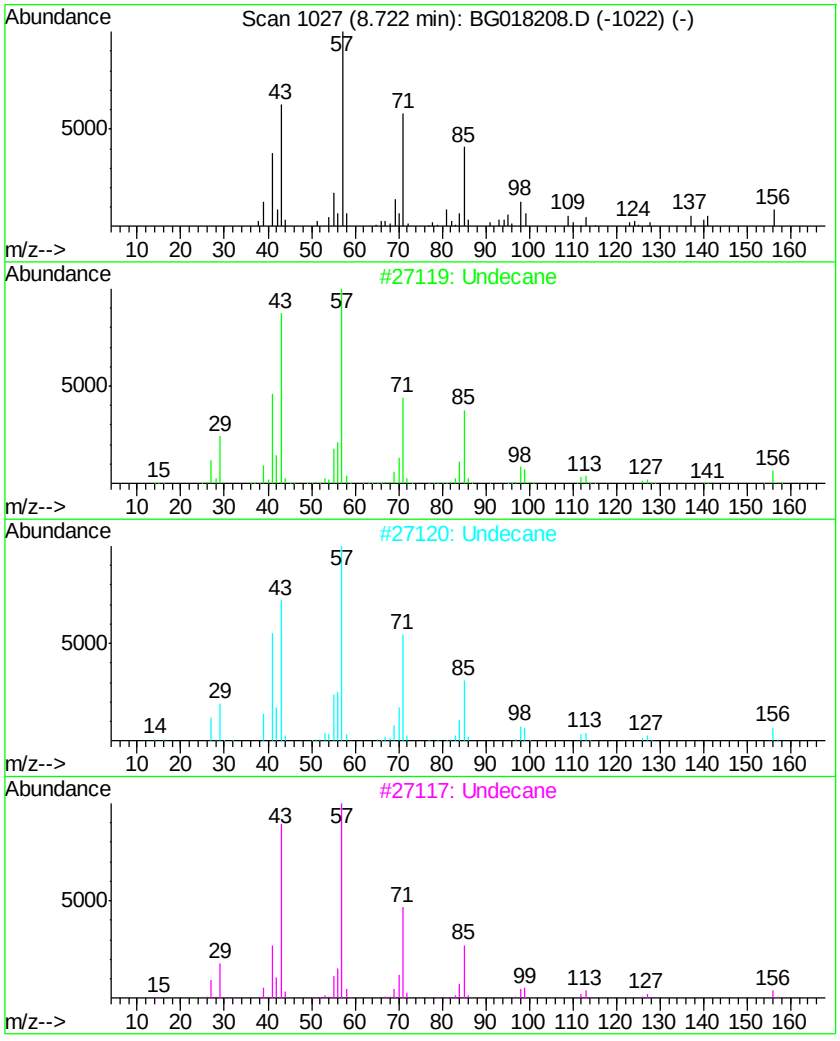
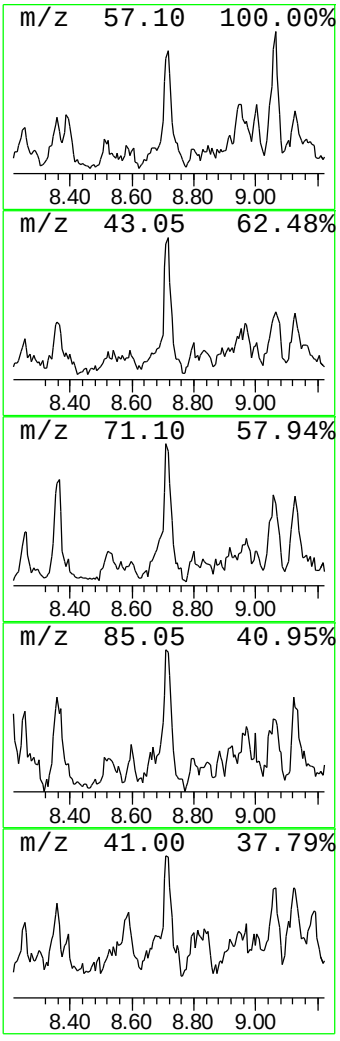
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	5.92 ng/ul	140802	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	93
2	Undecane	156	C11H24	001120-21-4	91
3	Undecane	156	C11H24	001120-21-4	90
4	Undecane	156	C11H24	001120-21-4	81
5	Tridecane	184	C13H28	000629-50-5	80





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Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

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Quant Title : SVOA CALIBRATION

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

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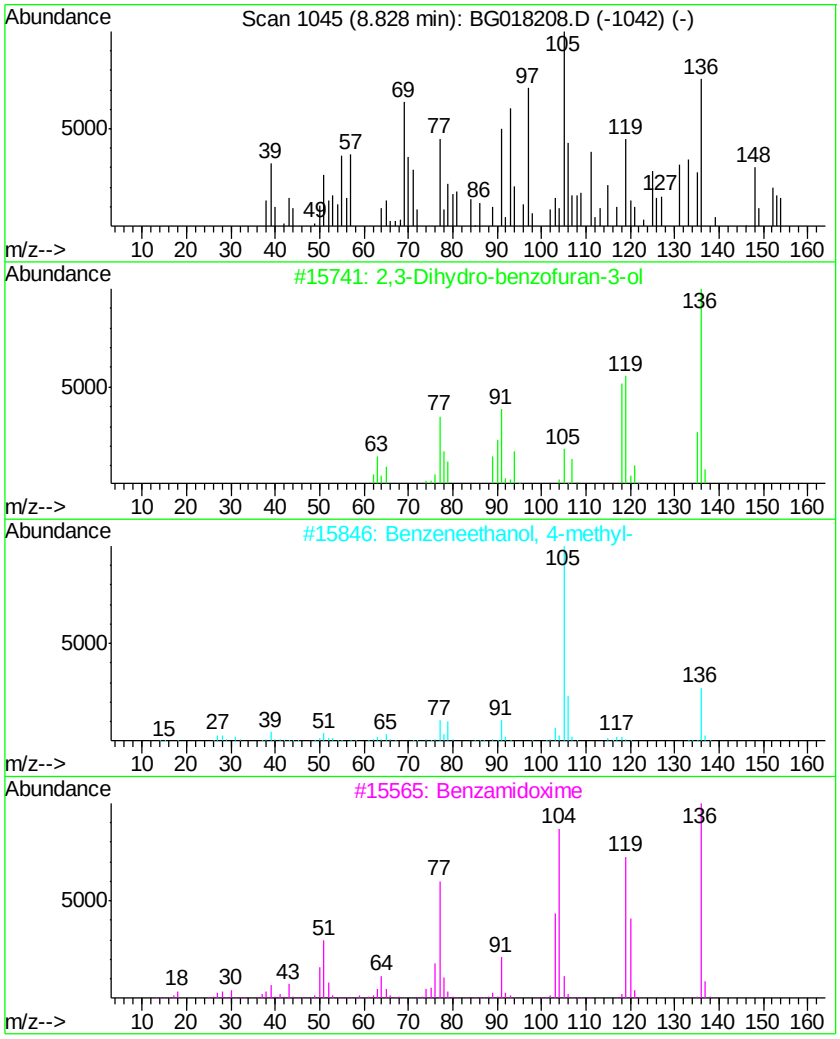
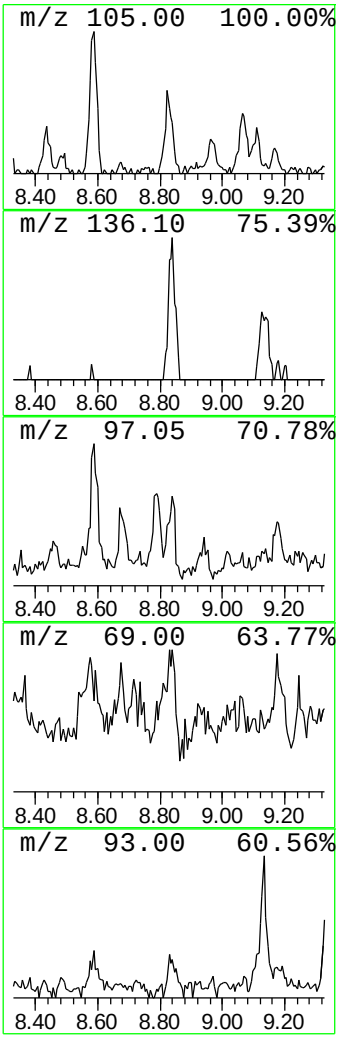
Peak Number 10 unknown-01 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	4.11 ng/ul	97740	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-benzofuran-3-ol	136	C8H8O2	1000146-26-4	25
2	Benzeneethanol, 4-methyl-	136	C9H12O	000699-02-5	22
3	Benzamidoxime	136	C7H8N2O	000613-92-3	22
4	2,3-Diethylpyrazine	136	C8H12N2	015707-24-1	20
5	3,5-Dimethyl-4-allylpyrazole	136	C8H12N2	024475-45-4	14





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Misc :
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Instrument : BNA_G
ClientSampleId : C01Z4

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Quant Title : SVOA CALIBRATION

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

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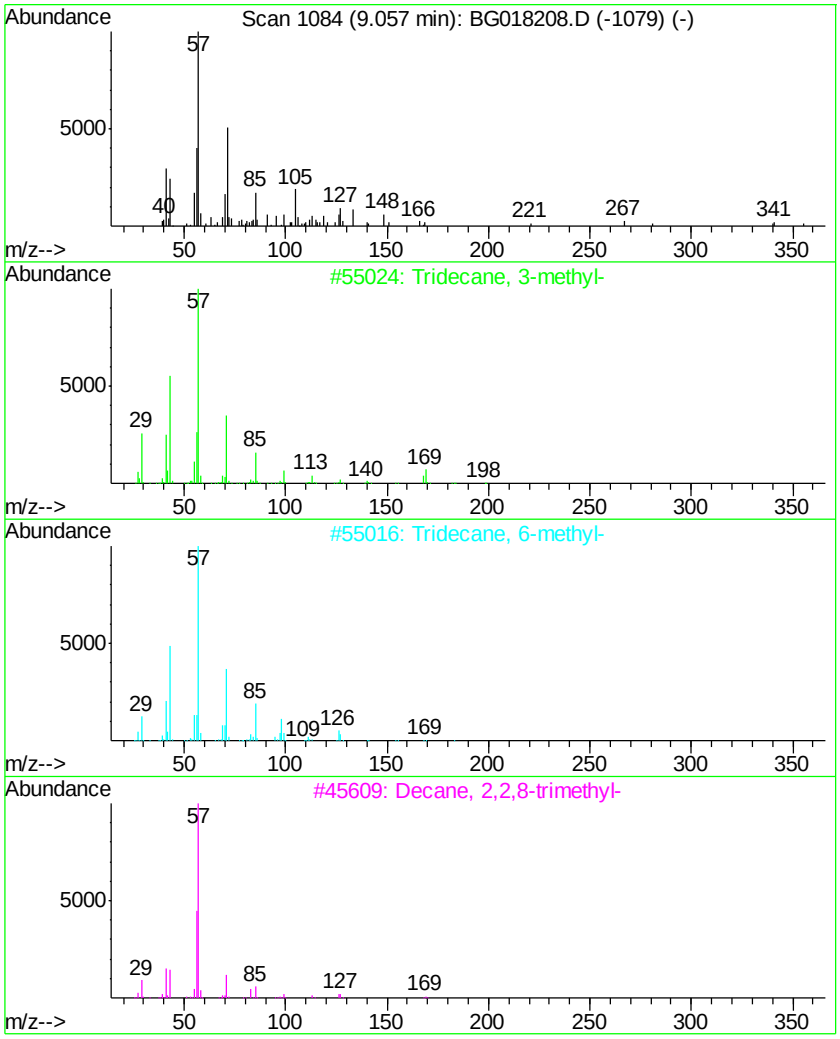
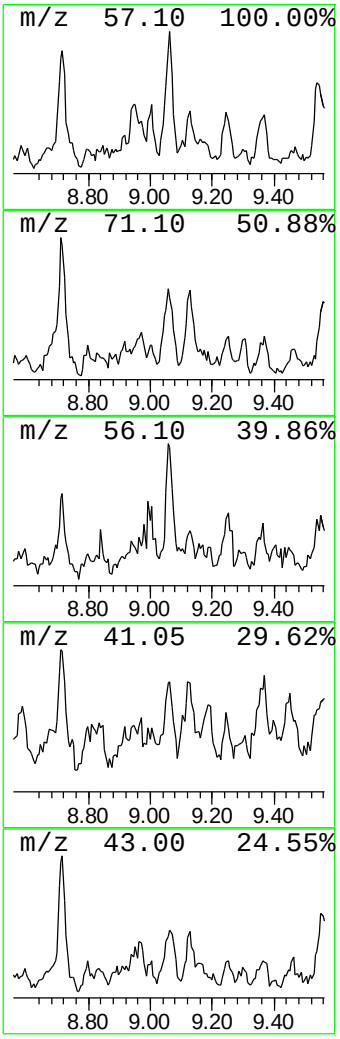
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	2.55 ng/ul	92823	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	47
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	38
3	Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	38
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	38
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	35





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Acq On : 1 Aug 2015 7:33
Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

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Quant Title : SVOA CALIBRATION

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

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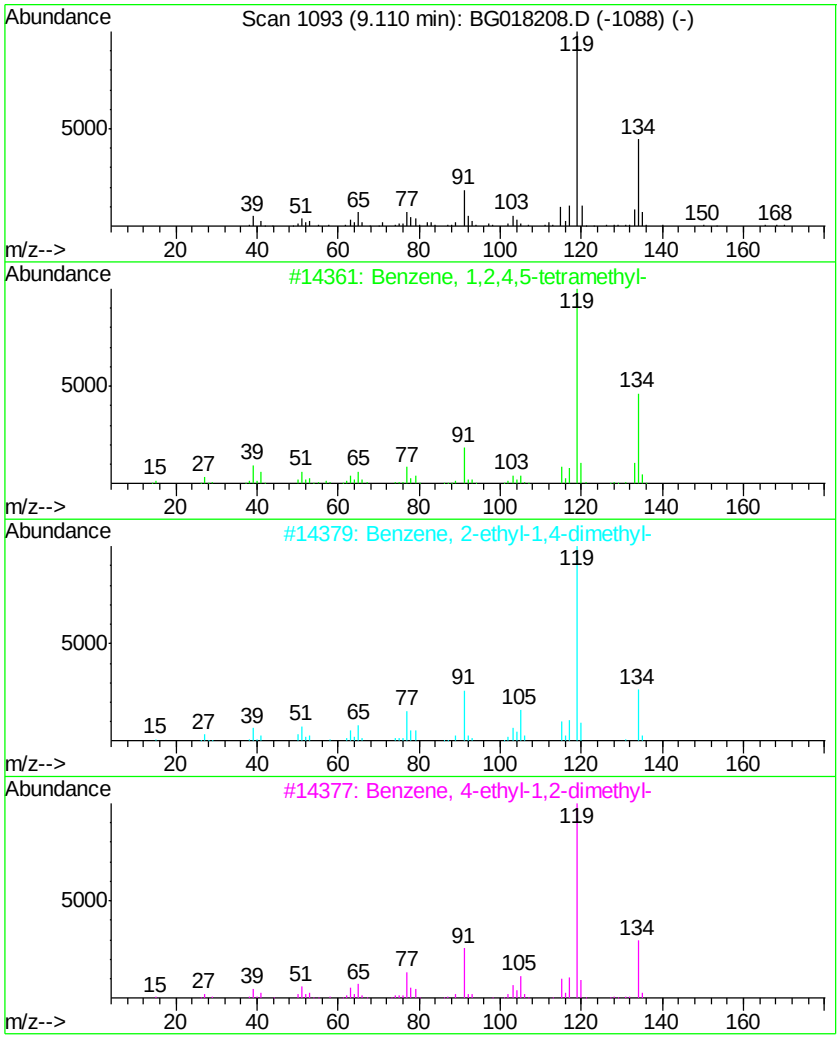
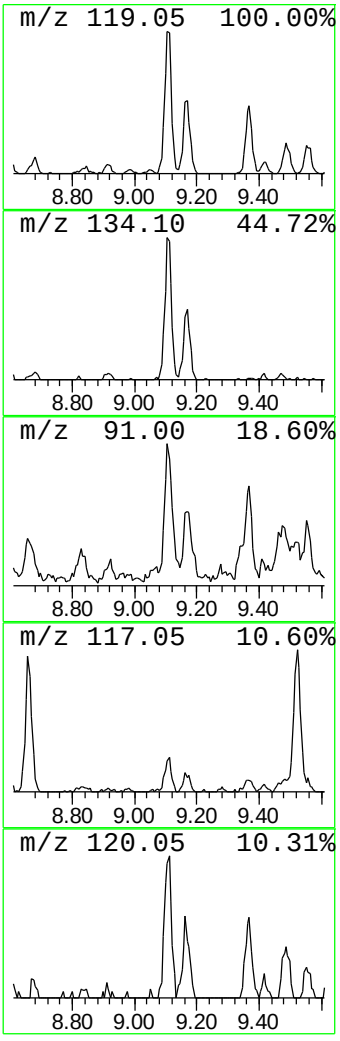
Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	6.19 ng/ul	224877	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	91





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Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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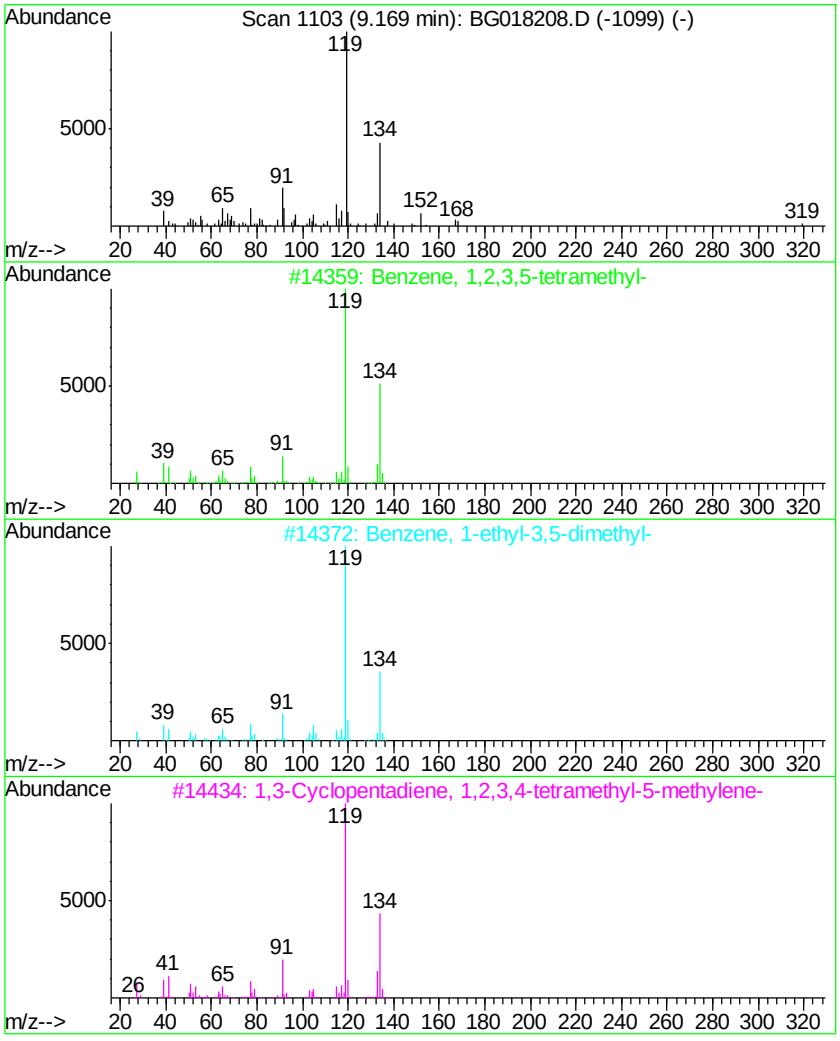
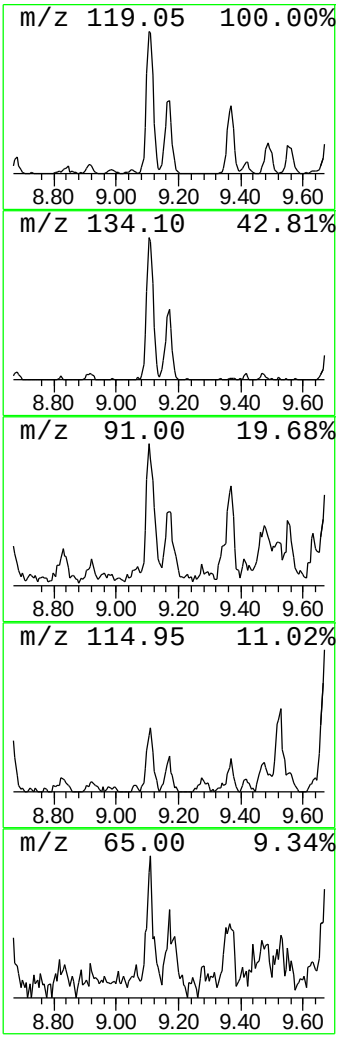
Peak Number 13 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	4.77 ng/ul	173474	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	83
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	83
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83





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Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

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Quant Title : SVOA CALIBRATION

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

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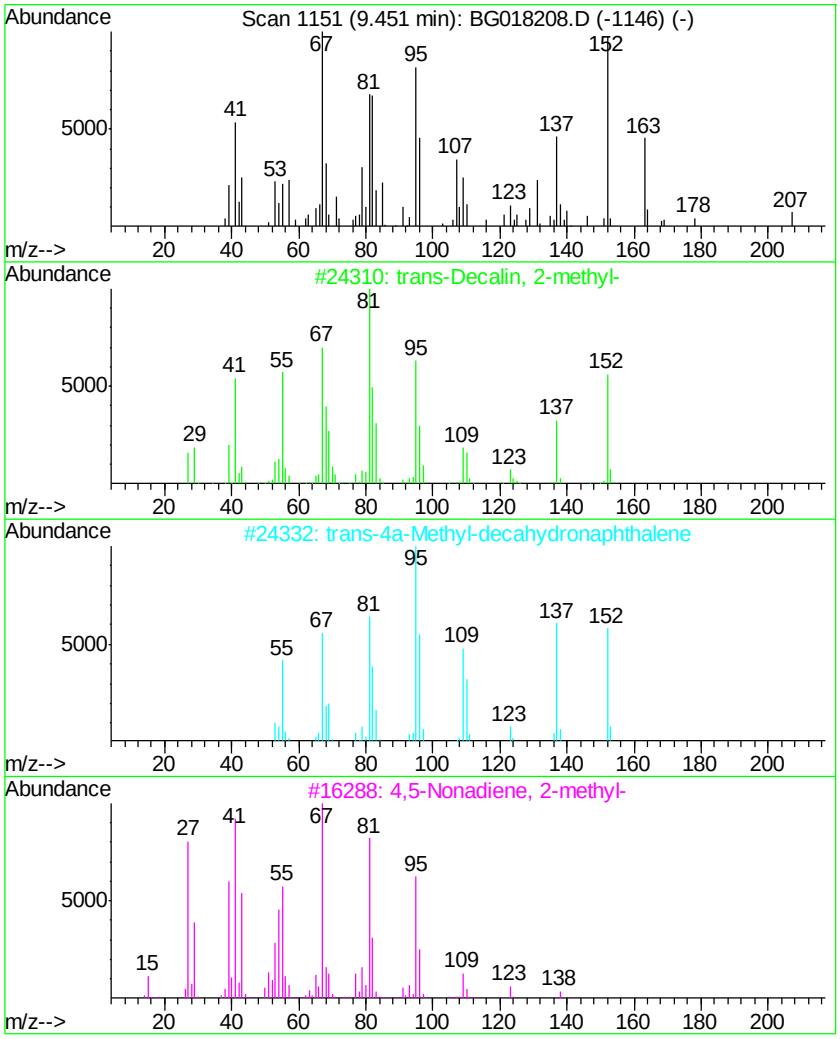
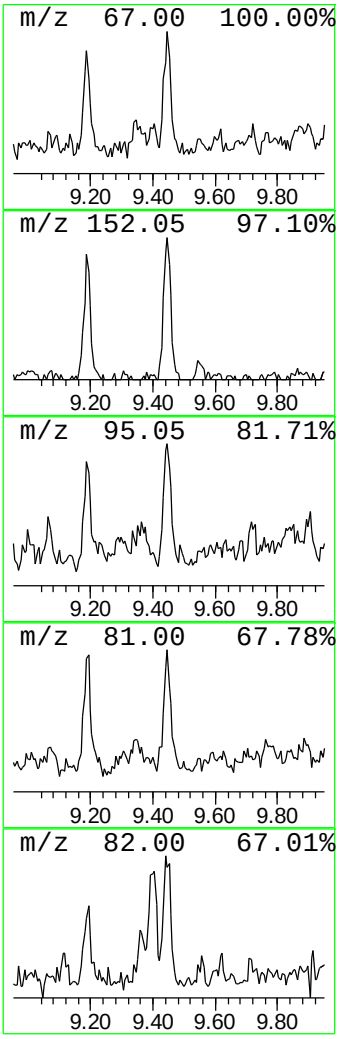
Peak Number 14 trans-Decalin, 2-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	3.75 ng/ul	136191	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
2	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	76
3	4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	64
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	029606-79-9	58
5	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	53





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Instrument : BNA_G
ClientSampleId : C01Z4

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Quant Title : SVOA CALIBRATION

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

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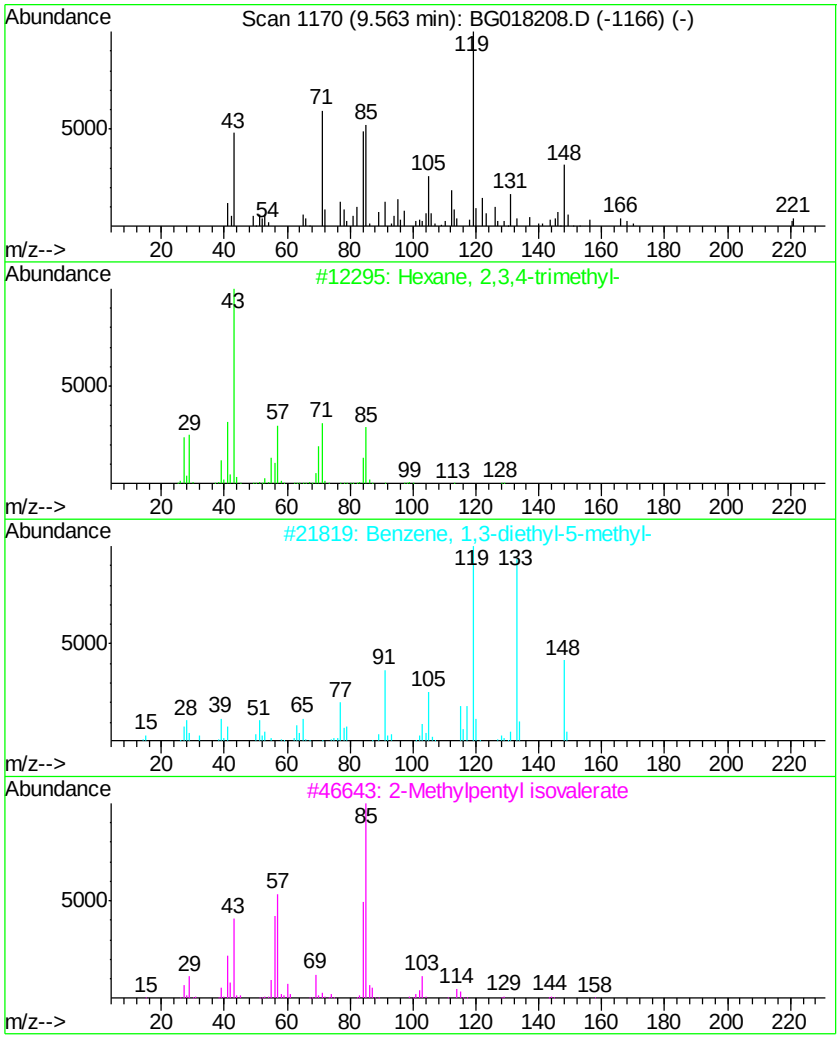
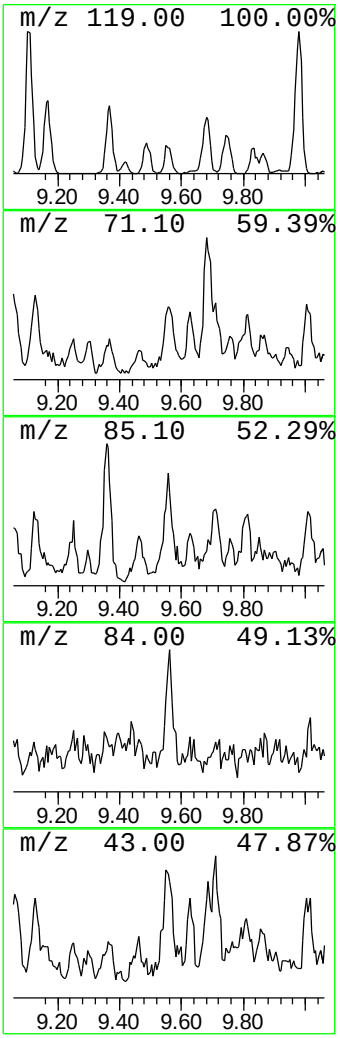
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	2.22 ng/ul	80746	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	35
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	25
3	2-Methylpentyl isovalerate	186	C11H22O2	1000236-38-7	22
4	4-Methylpentyl pentanoate #	186	C11H22O2	035852-47-2	22
5	Ethylamine, N-(1-butylpentylidene)-	169	C11H23N	010599-82-3	12





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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

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Quant Title : SVOA CALIBRATION

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

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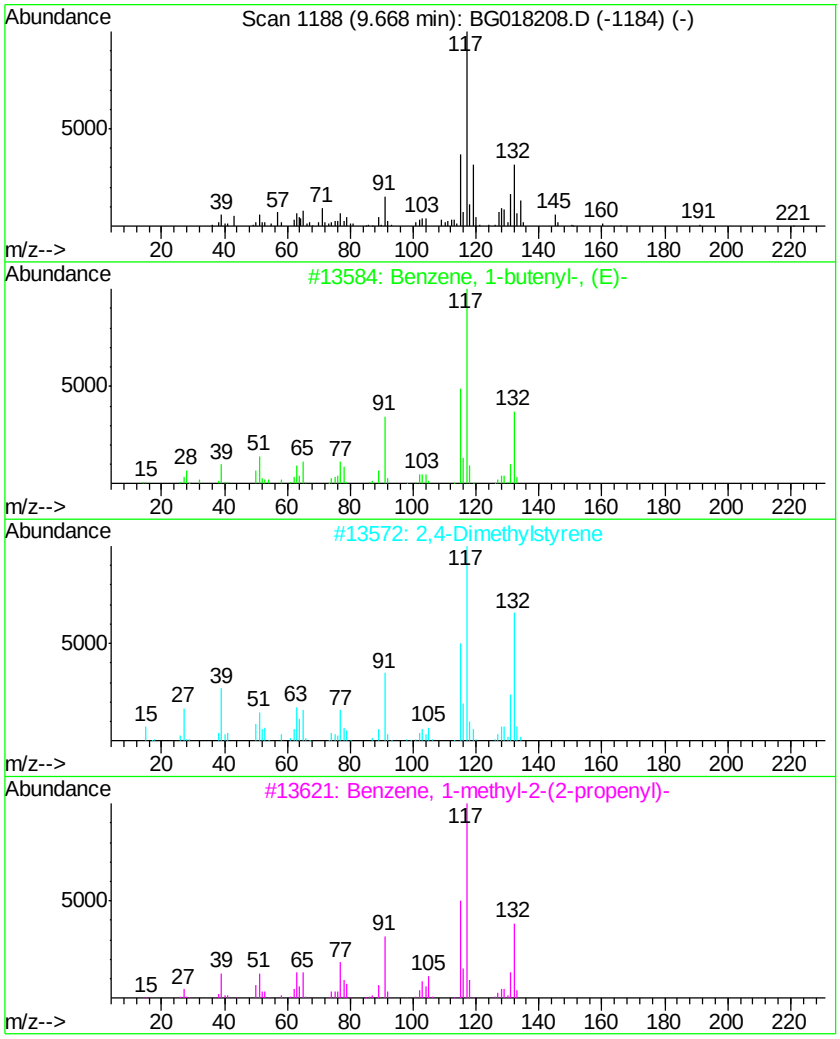
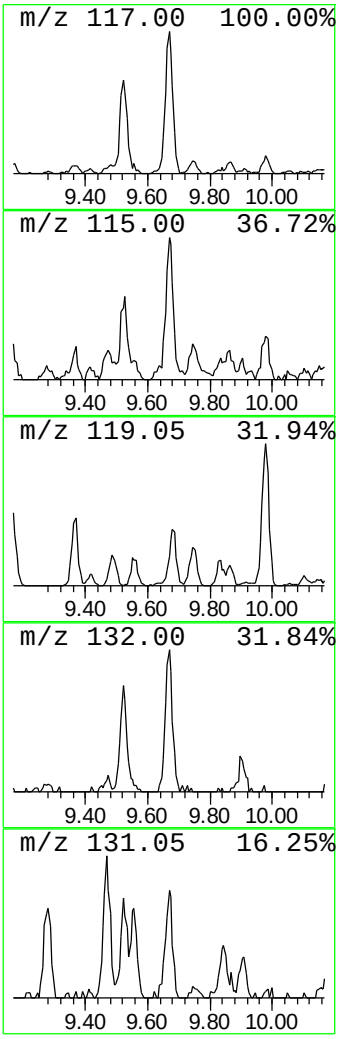
Peak Number 16 Benzene, 1-butenyl-, (E)- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	4.94 ng/ul	179673	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	83
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	64
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	58
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	58





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Quant Title : SVOA CALIBRATION

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

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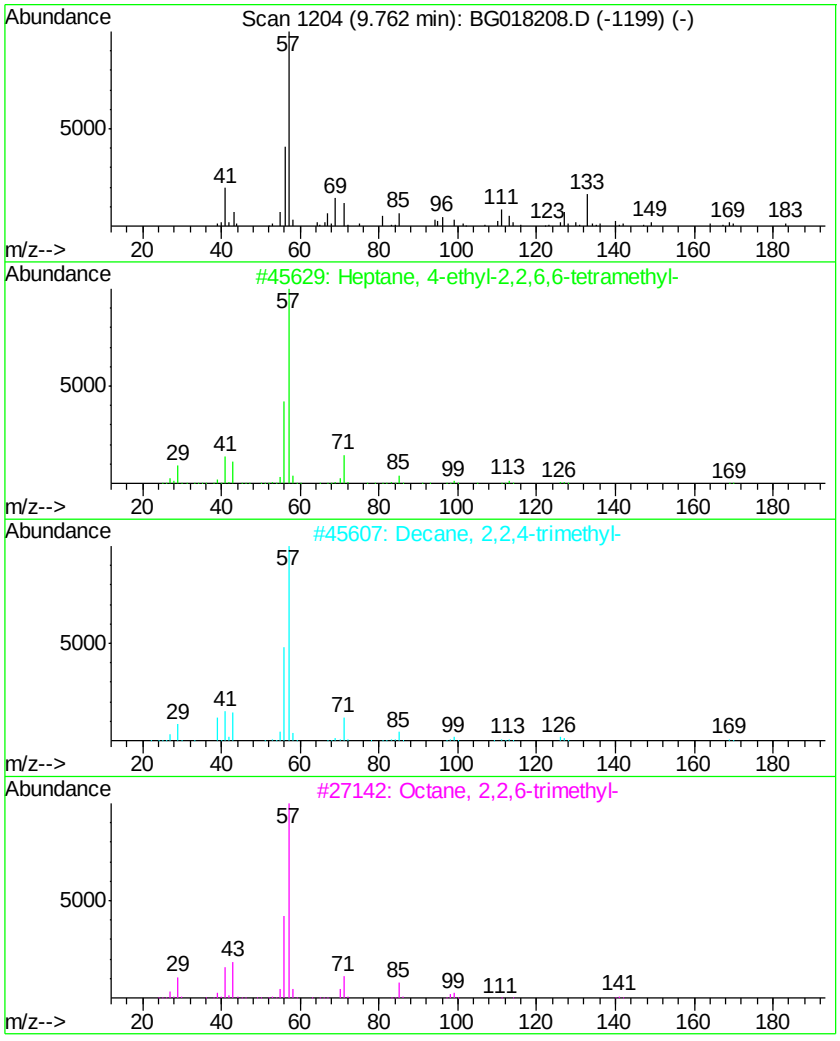
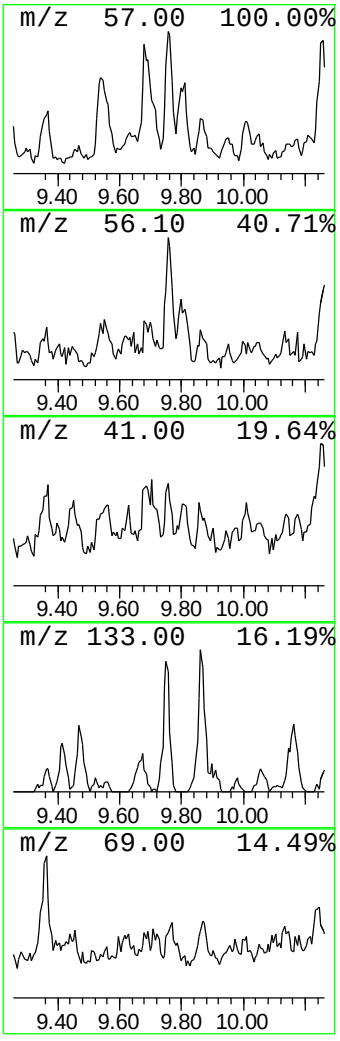
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	2.95 ng/ul	107249	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	38
2	Decane, 2,2,4-trimethyl-	184	C13H28	062237-98-3	35
3	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	35
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	35
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	35





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Acq On : 1 Aug 2015 7:33
Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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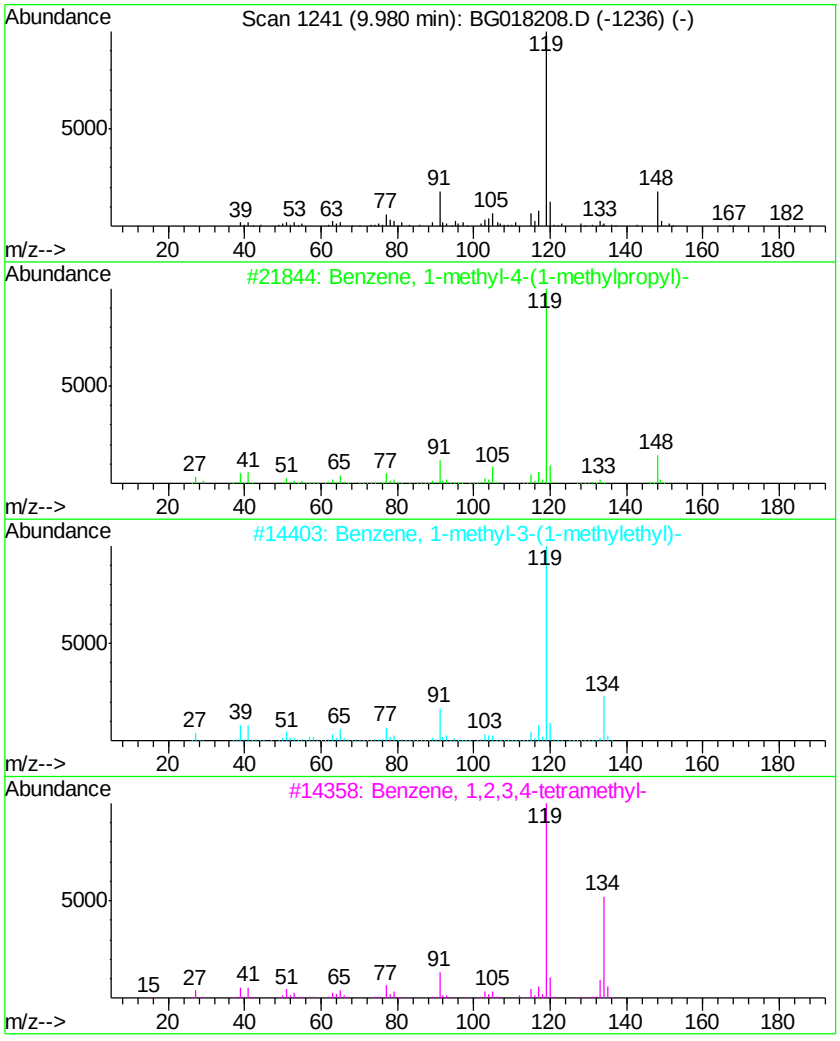
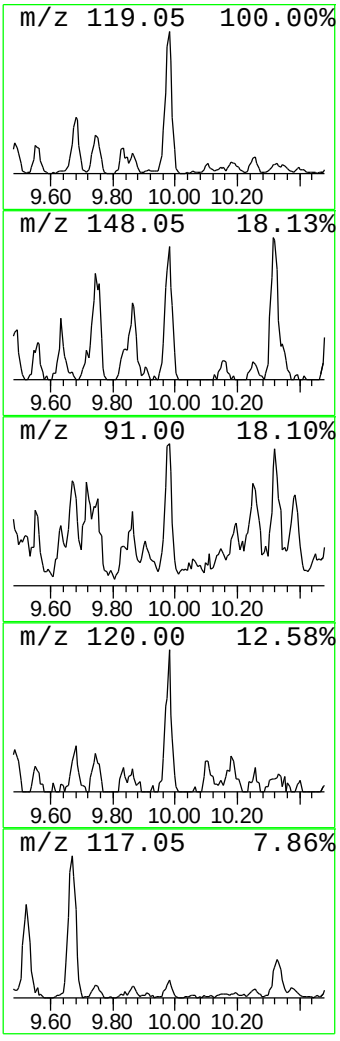
Peak Number 18 Benzene, 1-methyl-4-(1-meth... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	3.25 ng/ul	118239	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	91
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	83





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Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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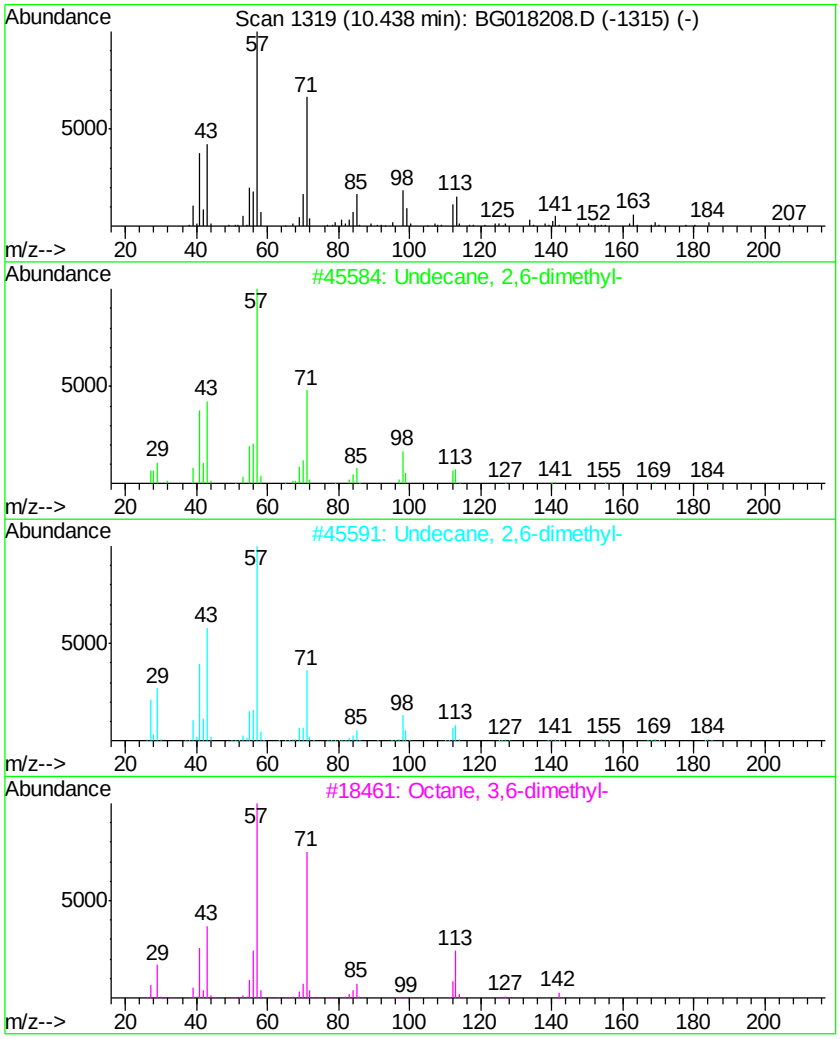
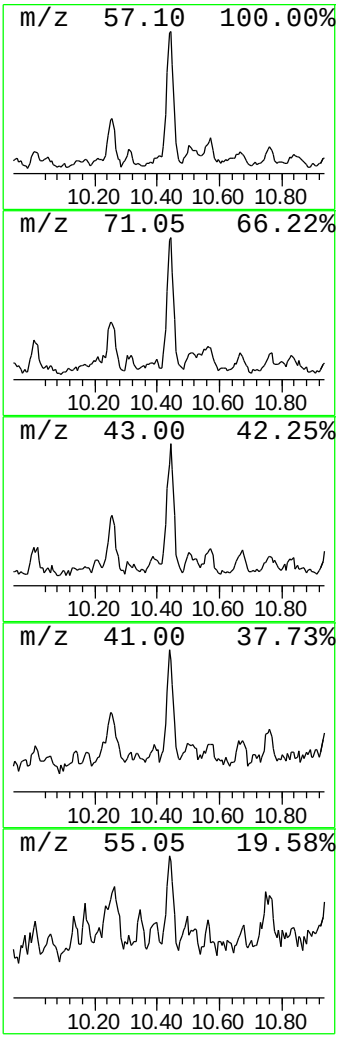
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	6.28 ng/ul	228062	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	58
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	58
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	55





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Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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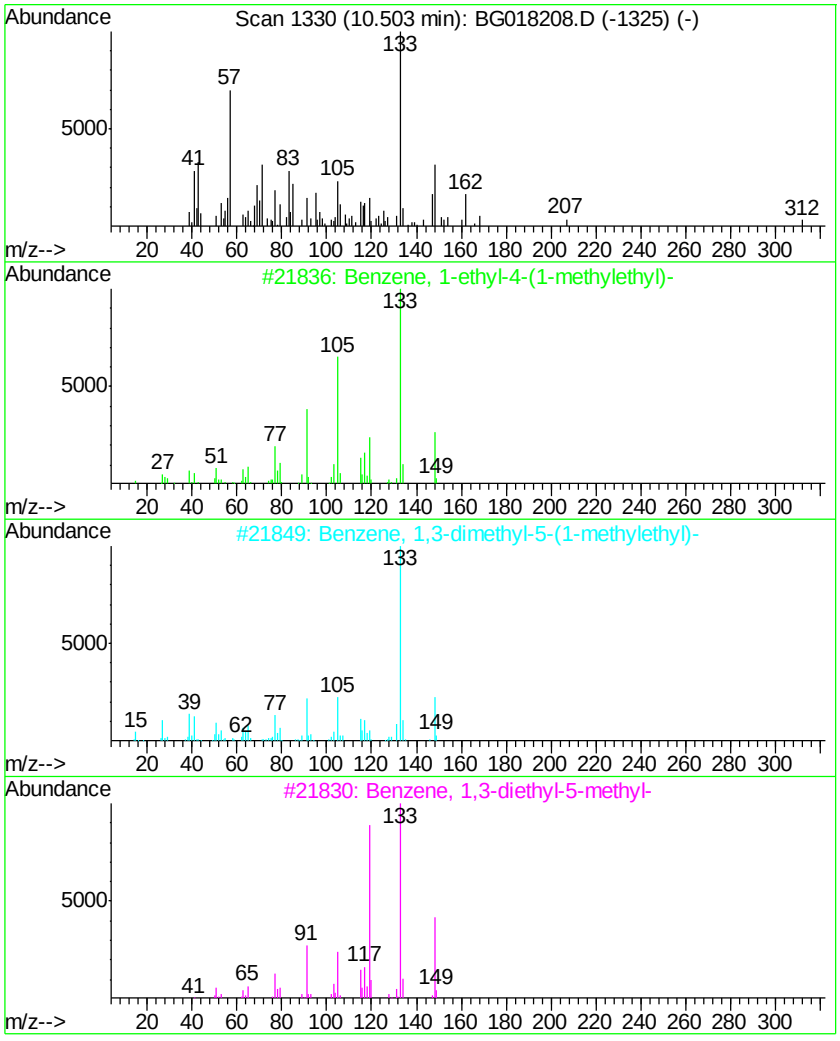
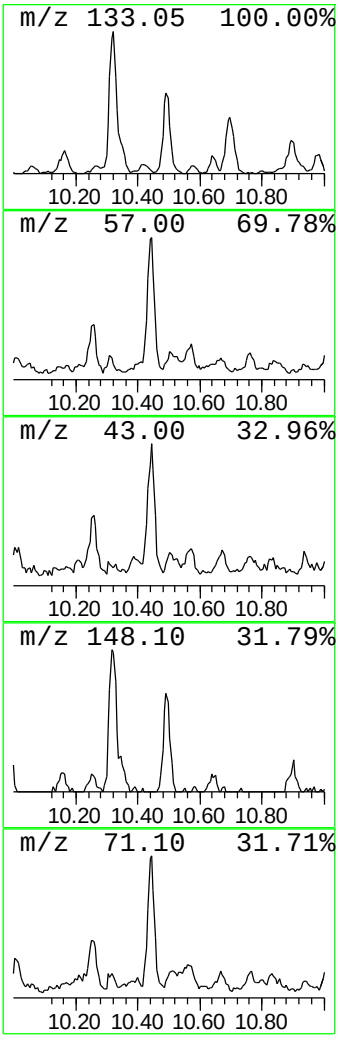
Peak Number 20 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	3.42 ng/ul	124363	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	83
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	74
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	74
4	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	72
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	72





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Instrument : BNA_G
ClientSampleId : C01Z4

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Quant Title : SVOA CALIBRATION

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

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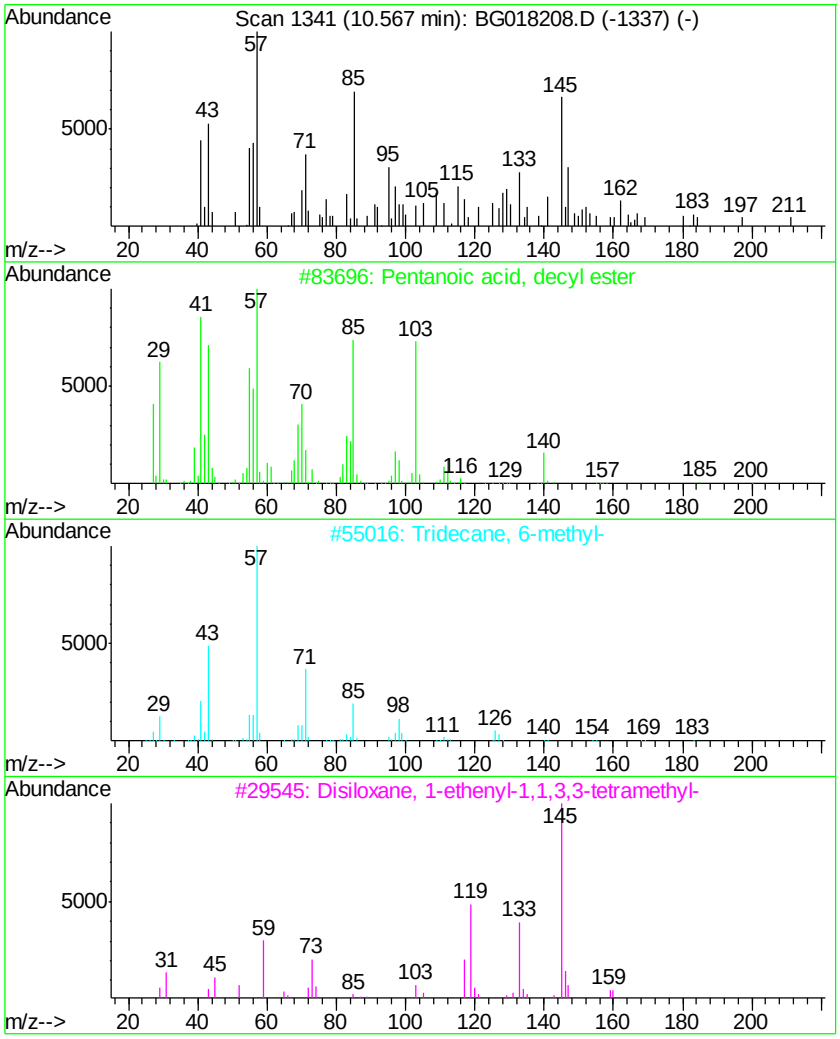
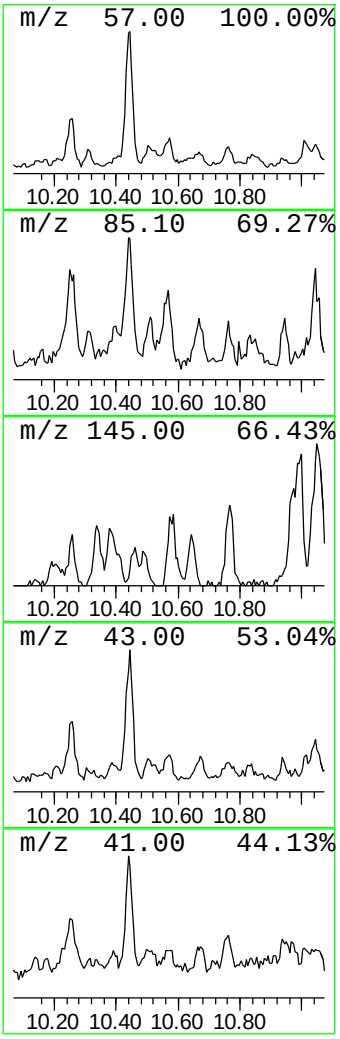
Peak Number 21 unknown-02 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	2.09 ng/ul	75785	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, decyl ester	242	C15H30O2	005454-12-6	27
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	27
3	Disiloxane, 1-ethenyl-1,1,3,3-te...	160	C6H16OSi2	055967-52-7	25
4	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-01-9	25
5	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-02-0	25





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ClientSampleId : C01Z4

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Quant Title : SVOA CALIBRATION

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

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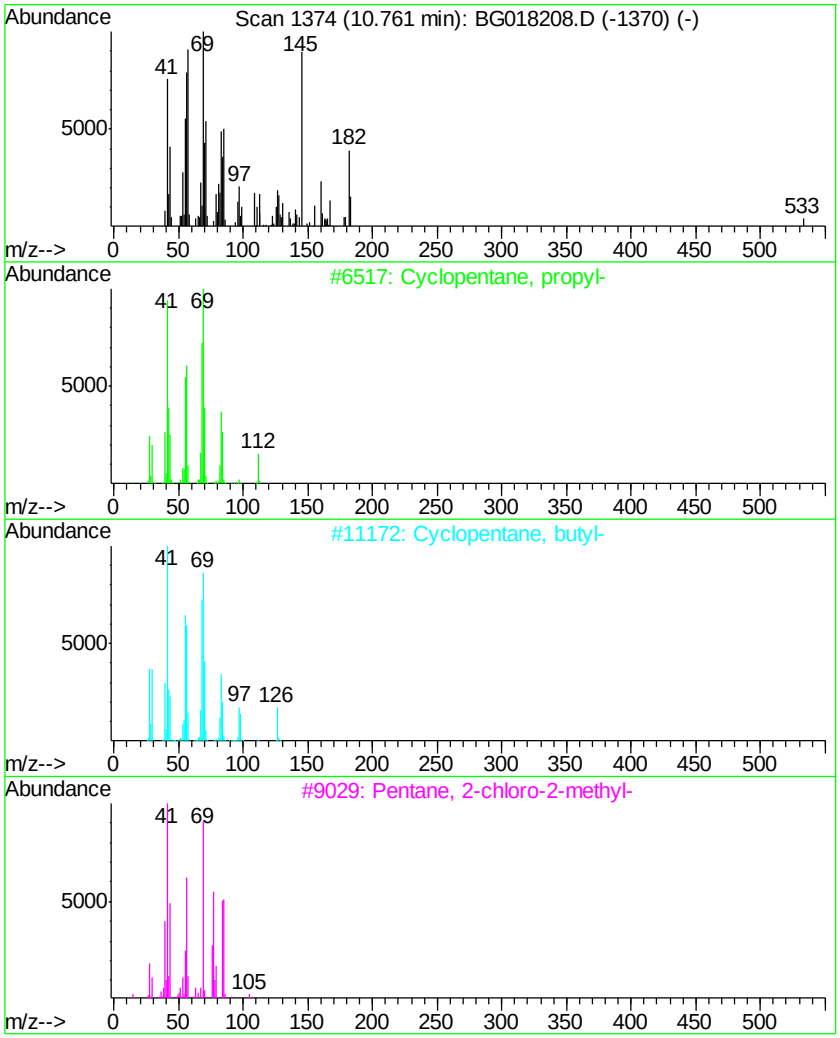
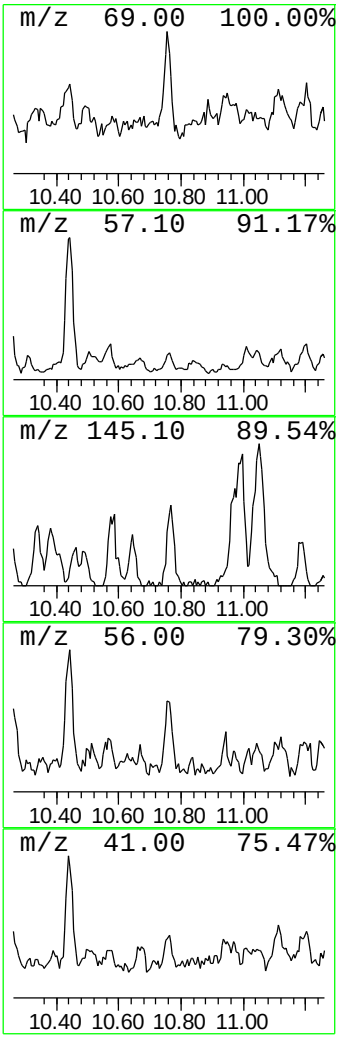
Peak Number 23 (DEL) Alkane: Cyclic10.76 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	2.26 ng/ul	82106	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, propyl-	112	C8H16	002040-96-2	50
2	Cyclopentane, butyl-	126	C9H18	002040-95-1	49
3	Pentane, 2-chloro-2-methyl-	120	C6H13Cl	004325-48-8	35
4	2-Heptene, 2,6-dimethyl-	126	C9H18	005557-98-2	30
5	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	30





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ALS Vial : 28 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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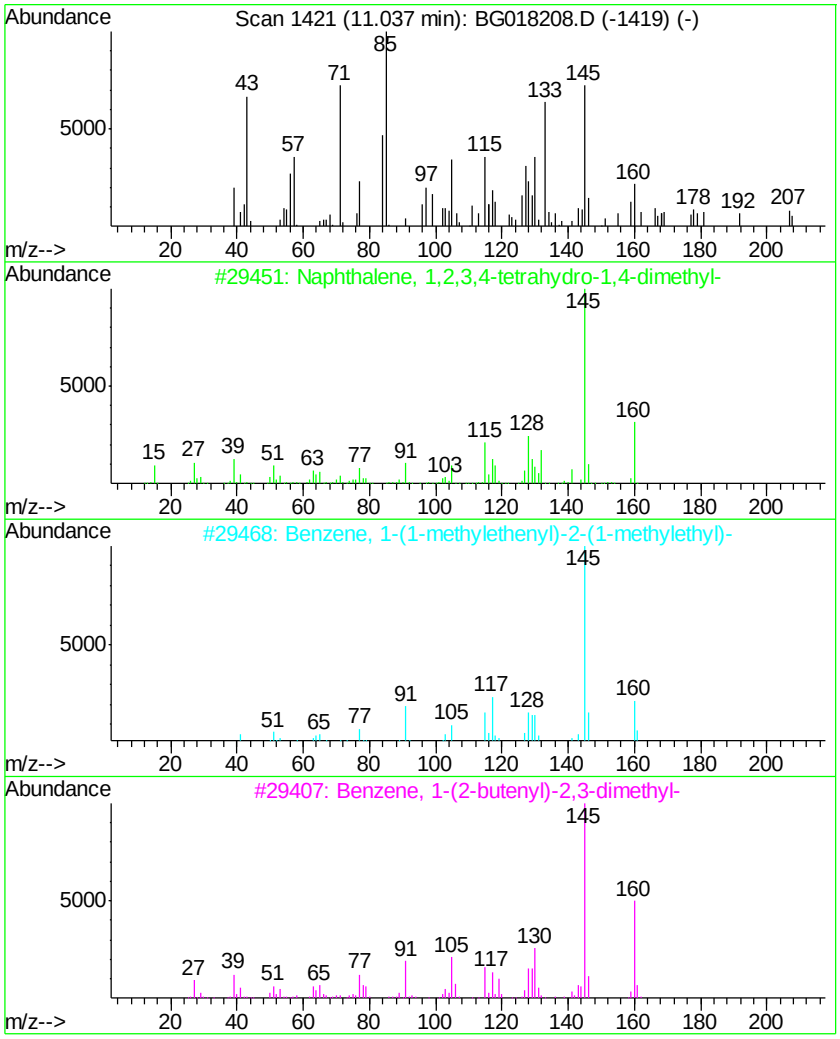
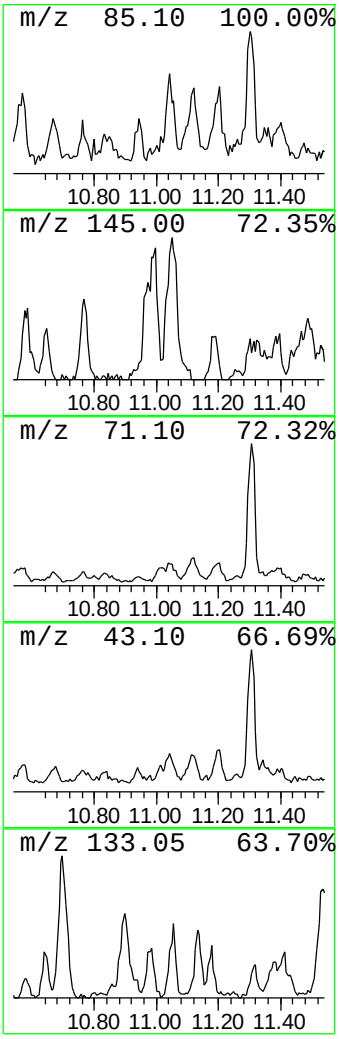
Peak Number 25 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	2.28 ng/ul	82776	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	74
2	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	58
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	25
4	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	25
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	25





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Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

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Quant Title : SVOA CALIBRATION

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

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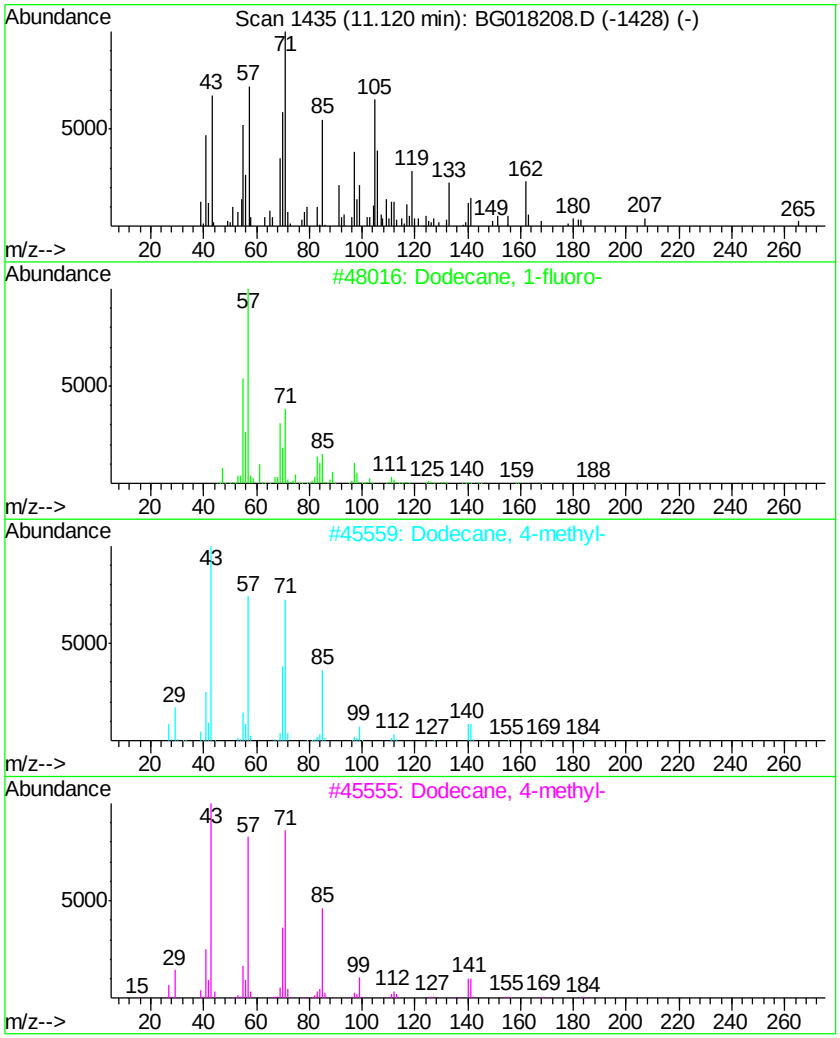
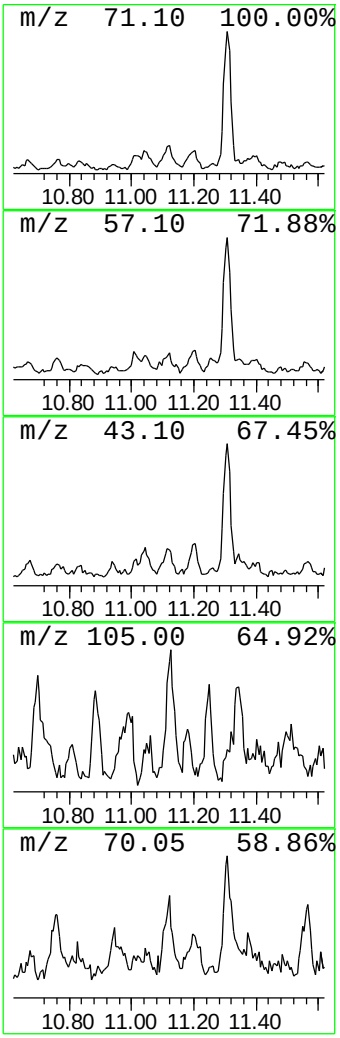
Peak Number 26 unknown-03 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	3.51 ng/ul	127558	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	47
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	43
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	43
4	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	27
5	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	27





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Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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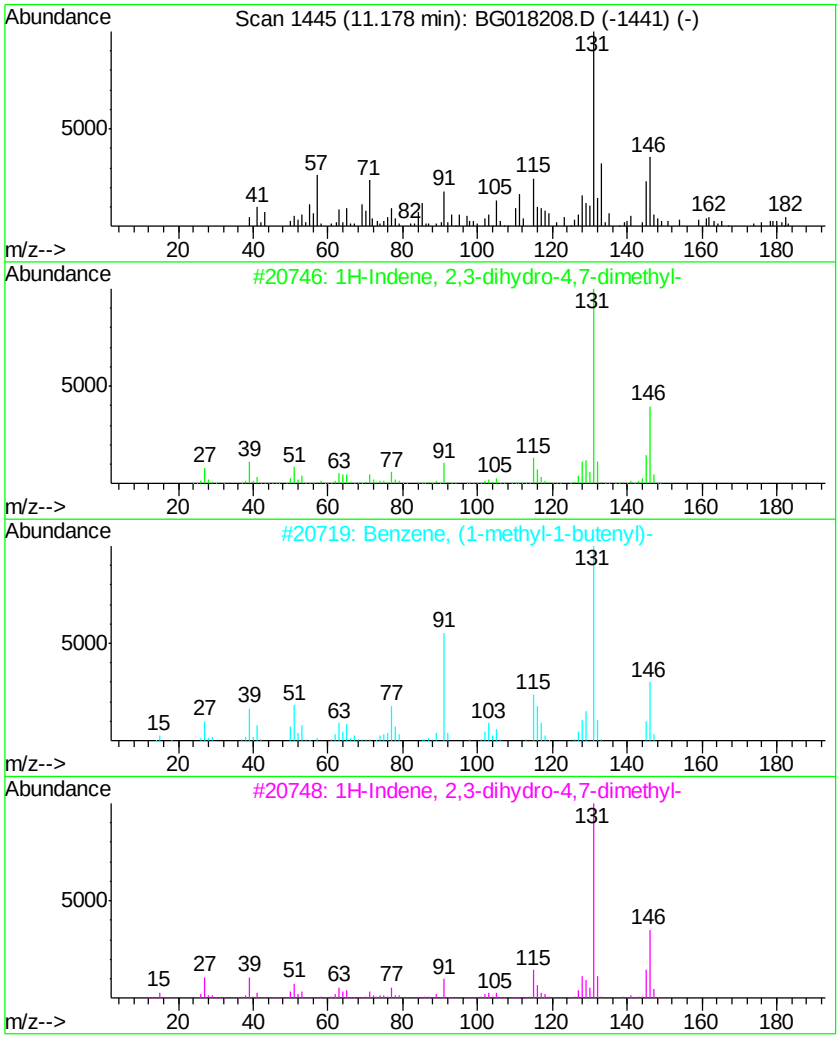
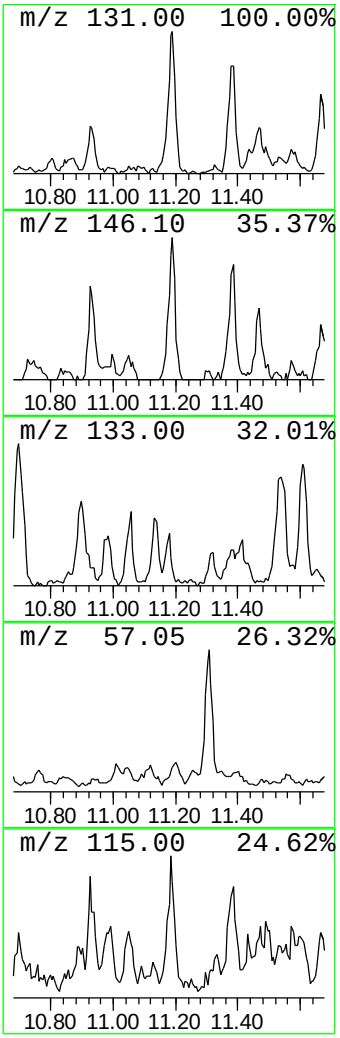
Peak Number 27 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	5.30 ng/ul	192747	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
4	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	76
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76





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Misc :
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Instrument : BNA_G
ClientSampleId : C01Z4

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Quant Title : SVOA CALIBRATION

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

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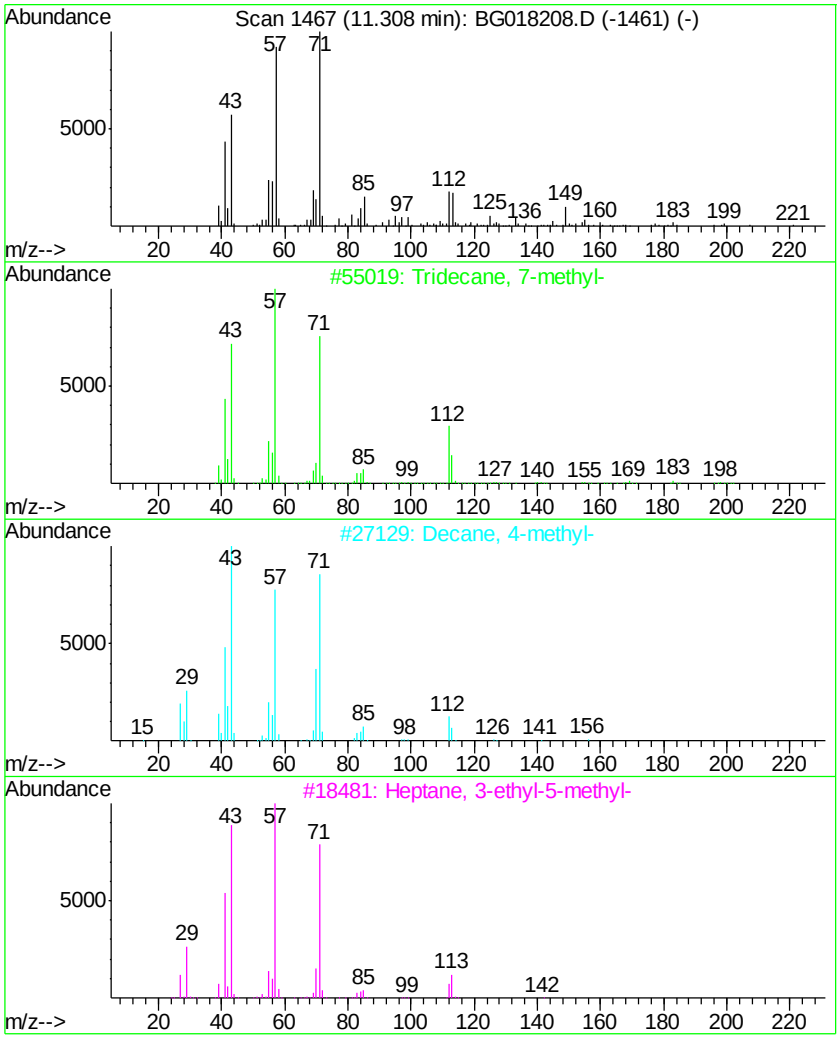
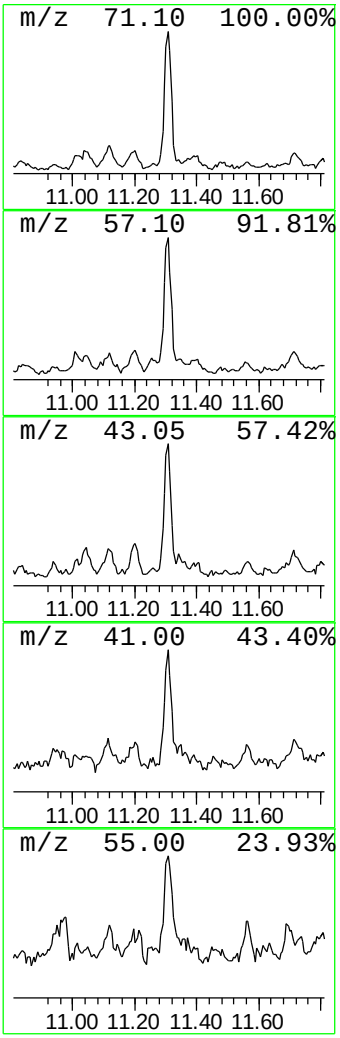
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	11.45 ng/ul	416097	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
2	Decane, 4-methyl-	156	C11H24	002847-72-5	64
3	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	53
4	1-Decene, 4-methyl-	154	C11H22	013151-29-6	50
5	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	47





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Instrument : BNA_G
ClientSampleId : C01Z4

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Quant Title : SVOA CALIBRATION

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

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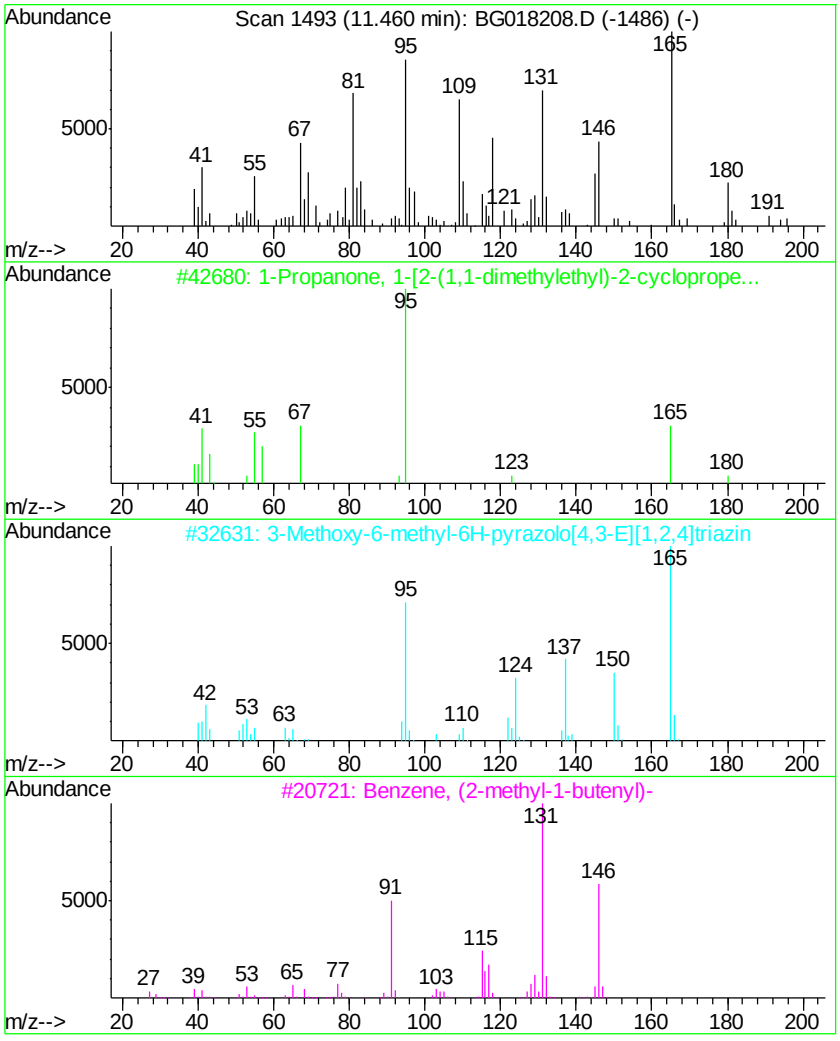
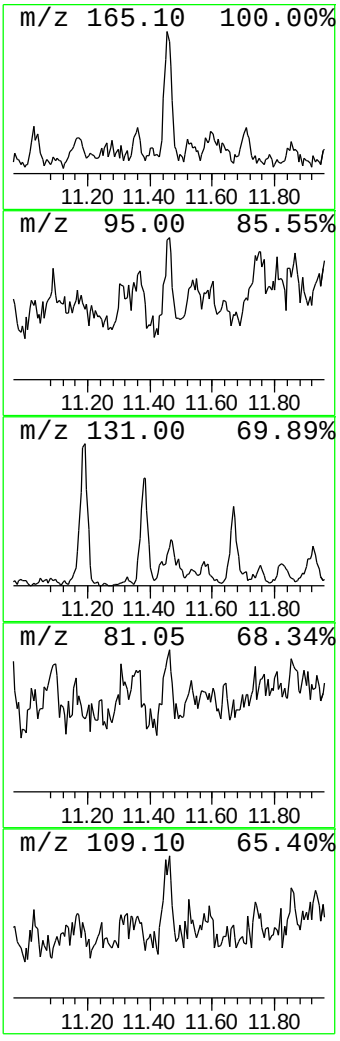
Peak Number 29 unknown-04 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	2.72 ng/ul	98695	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanone, 1-[2-(1,1-dimethyle...	180	C12H20O	019576-21-7	35
2	3-Methoxy-6-methyl-6H-pyrazolo[4...	165	C6H7N5O	037526-57-1	27
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	25
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	20
5	cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	20





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Quant Title : SVOA CALIBRATION

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

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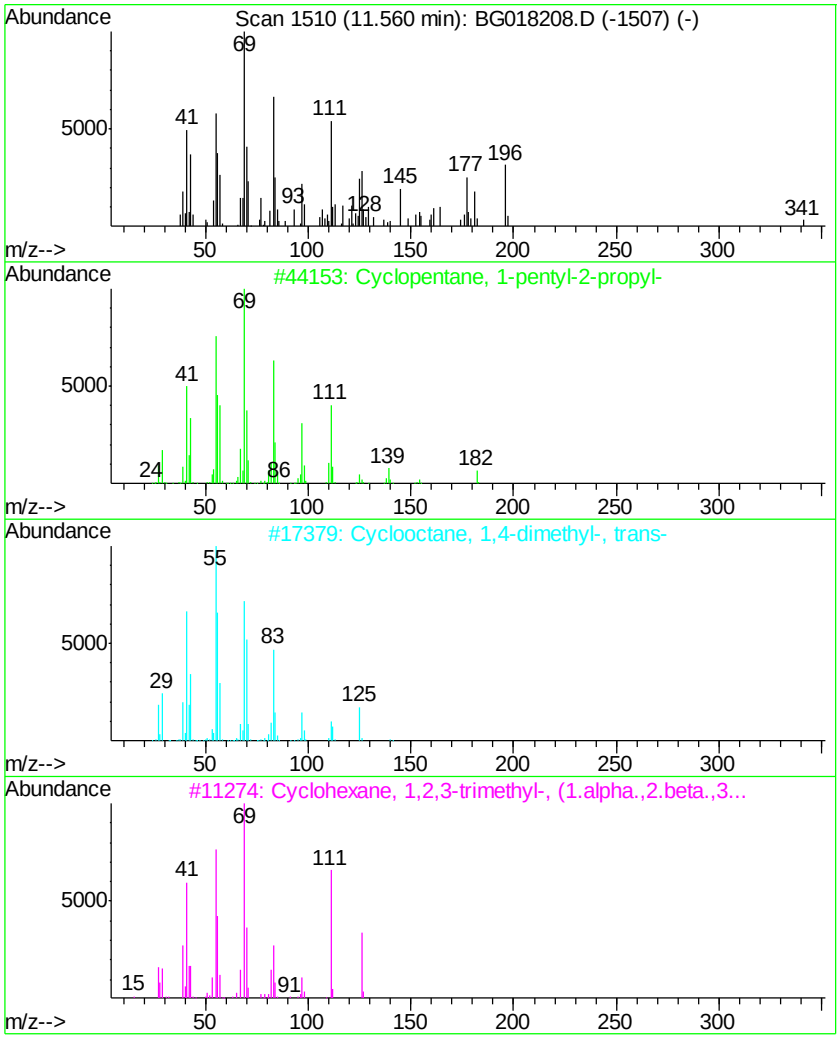
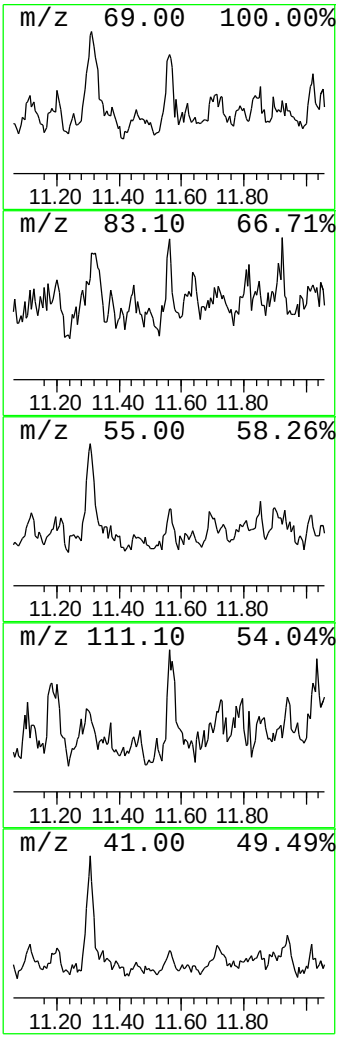
Peak Number 30 (DEL) Alkane: Cyclic11.56 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	2.24 ng/ul	81310	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	60
2	Cyclooctane, 1,4-dimethyl-, trans-	140	C10H20	013151-98-9	52
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	49
4	Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	49
5	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	46





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Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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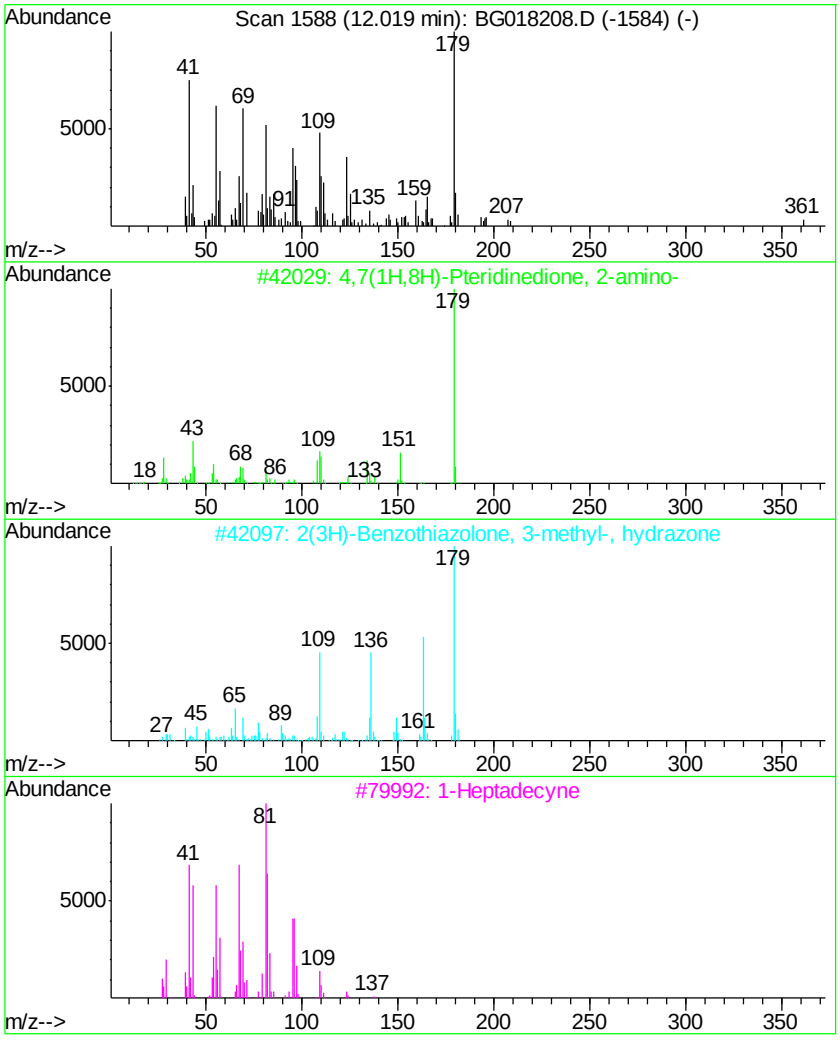
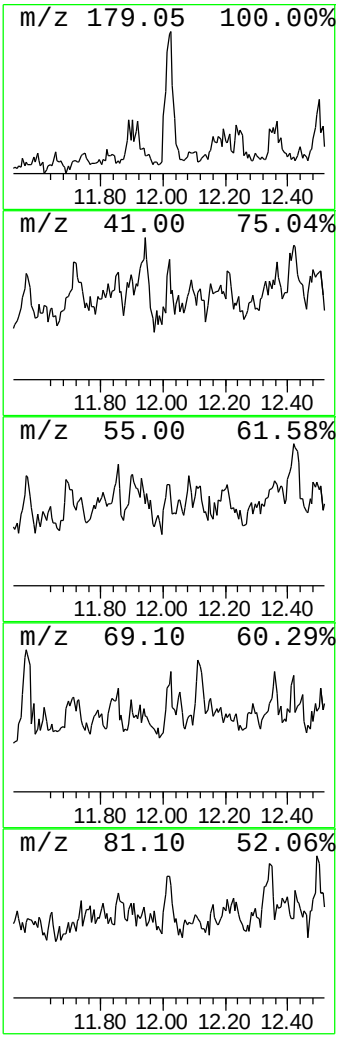
Peak Number 31 unknown-05 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.62 ng/ul	95126	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7(1H,8H)-Pteridinedione, 2-amino-	179	C6H5N5O2	000529-69-1	35
2	2(3H)-Benzothiazolone, 3-methyl-...	179	C8H9N3S	001128-67-2	35
3	1-Heptadecyne	236	C17H32	026186-00-5	27
4	p-Menth-8(10)-en-9-ol, cis-	154	C10H18O	015714-13-3	20
5	2-(4-Formyl-phenoxy)-acetamide	179	C9H9NO3	135857-20-4	18





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018208.D
Acq On : 1 Aug 2015 7:33
Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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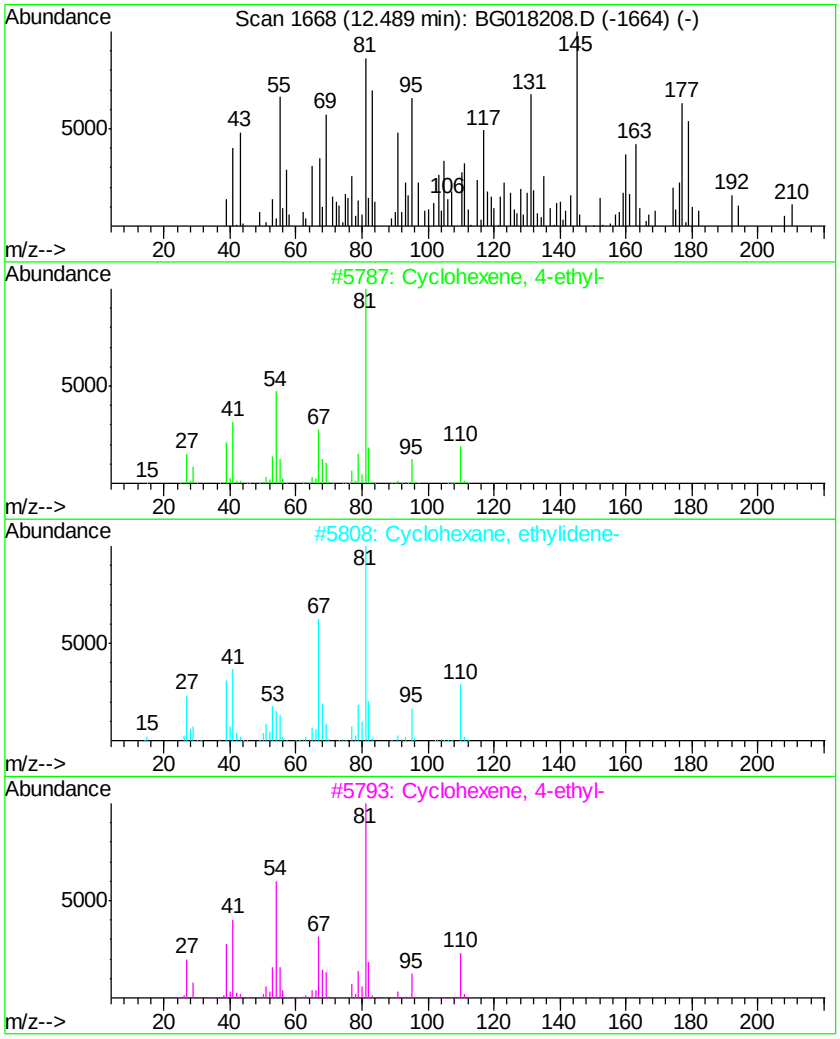
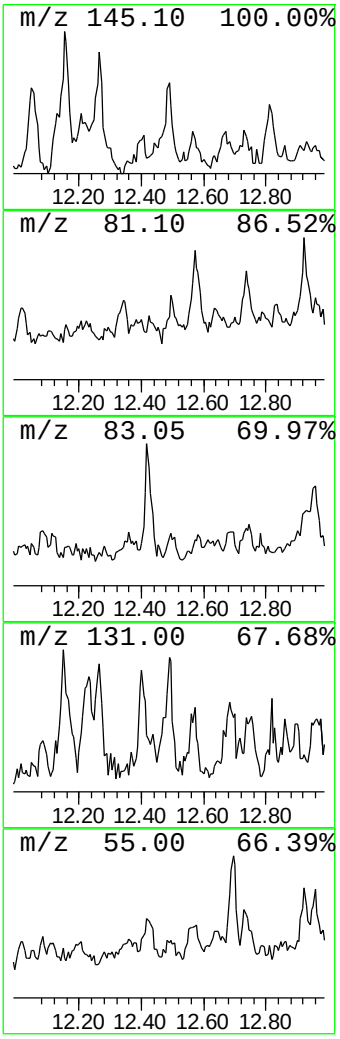
Peak Number 32 unknown-06 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	2.82 ng/ul	97785	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-ethyl-	110	C8H14	003742-42-5	25
2	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	22
3	Cyclohexene, 4-ethyl-	110	C8H14	003742-42-5	18
4	2-(2-Hydroxycyclooctyl)-furan	194	C12H18O2	115754-90-0	15
5	2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	14





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Data File : BG018208.D
Acq On : 1 Aug 2015 7:33
Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

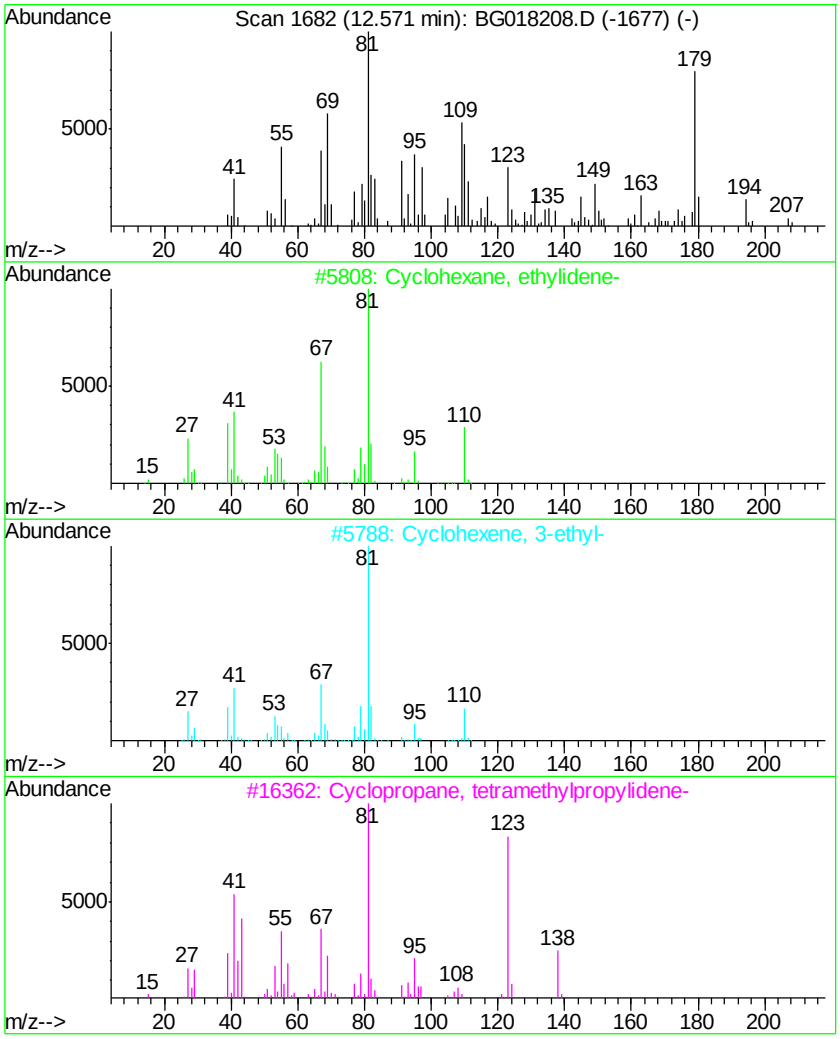
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

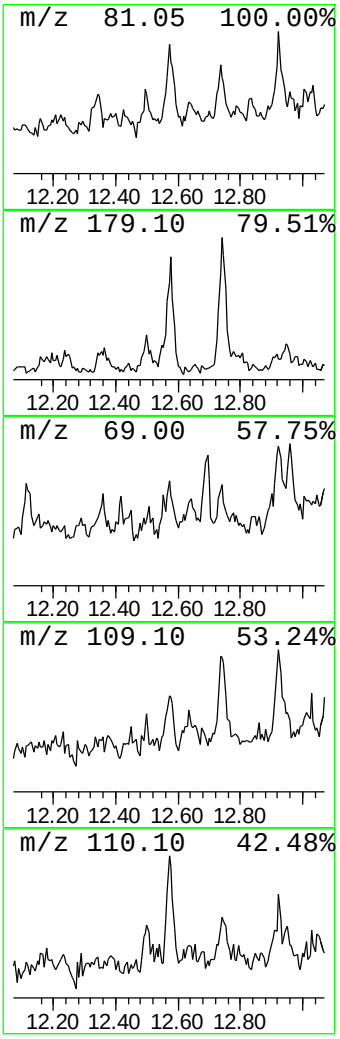
****

Peak Number 33 unknown-07 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	4.51 ng/ul	156412	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	27
2	Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	25
3	Cyclopropane, tetramethylpropyli...	138	C10H18	024519-04-8	14
4	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	001125-12-8	14
5	Cyclohexene, 4-(2-bromoethyl)-	188	C8H13Br	063540-01-2	12





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018208.D
Acq On : 1 Aug 2015 7:33
Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

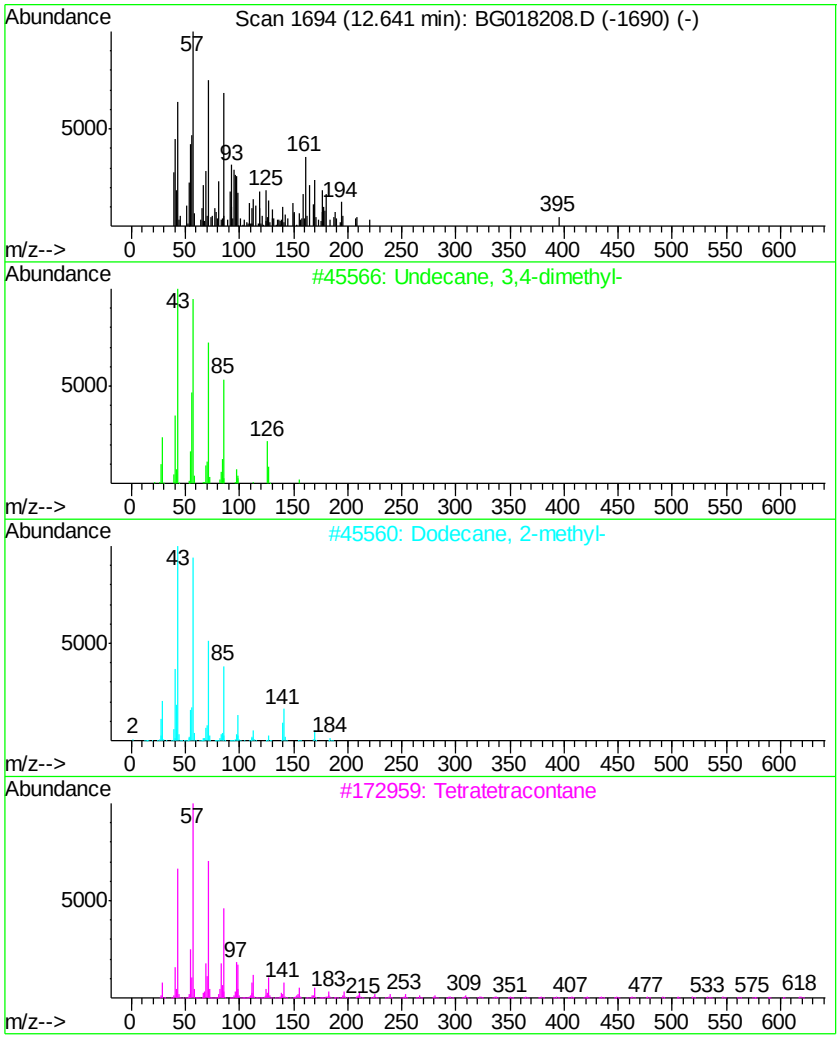
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

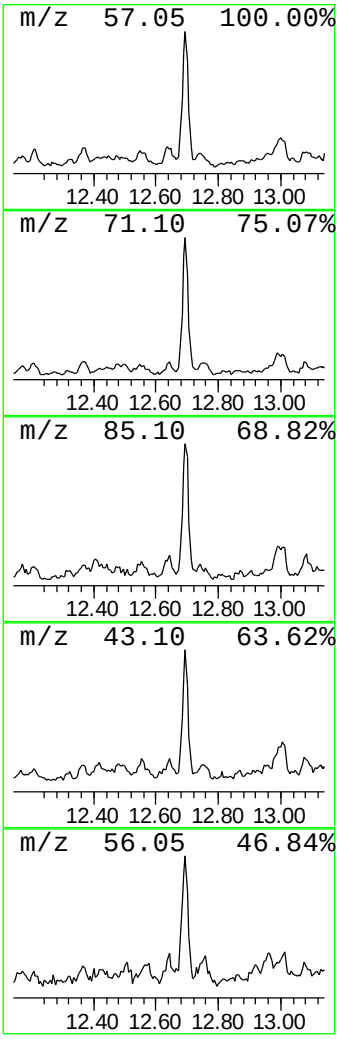
****

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	3.49 ng/ul	120988	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	43
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	38
3	Tetratetracontane	619	C44H90	007098-22-8	38
4	Behenyl chloride	344	C22H45Cl	042217-03-8	35
5	Tetracosane	338	C24H50	000646-31-1	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018208.D
Acq On : 1 Aug 2015 7:33
Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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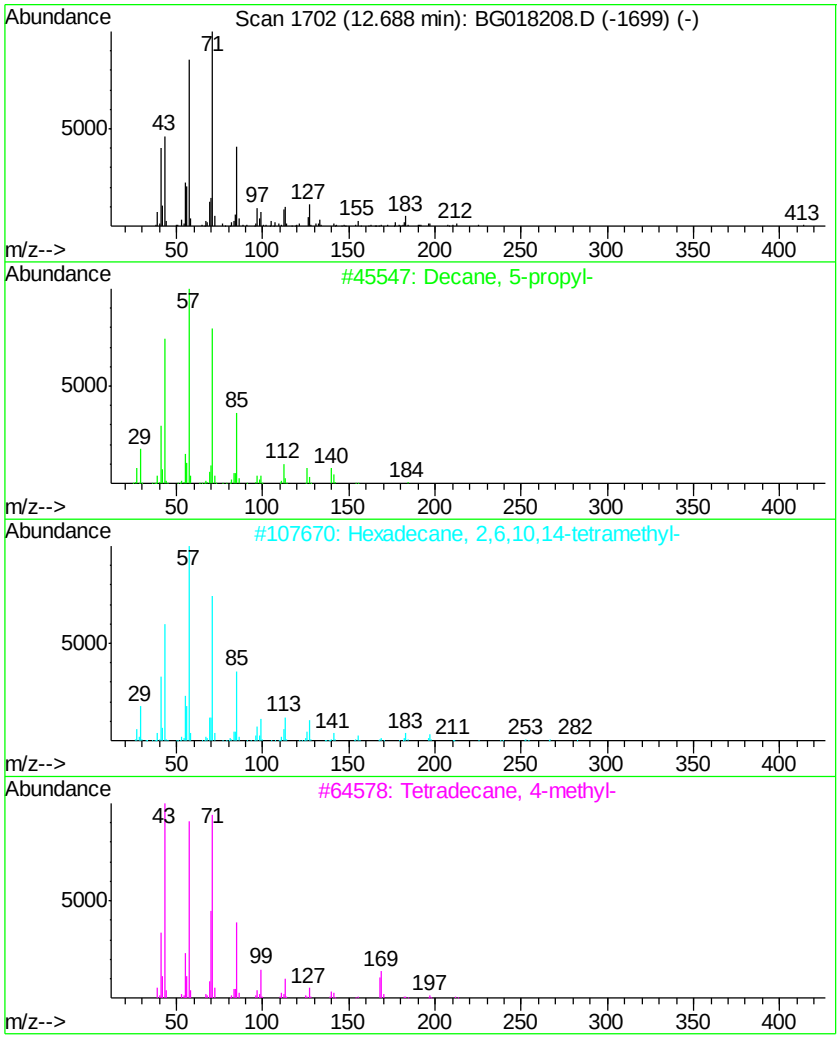
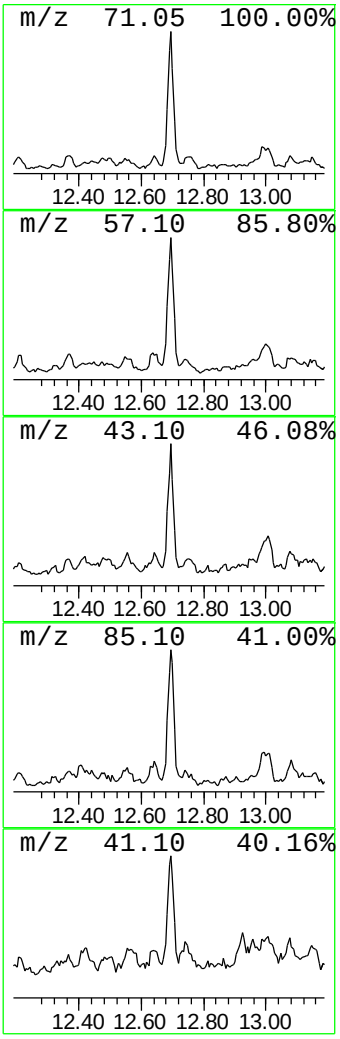
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	10.94 ng/ul	379418	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-propyl-	184	C13H28	017312-62-8	74
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	72
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018208.D
Acq On : 1 Aug 2015 7:33
Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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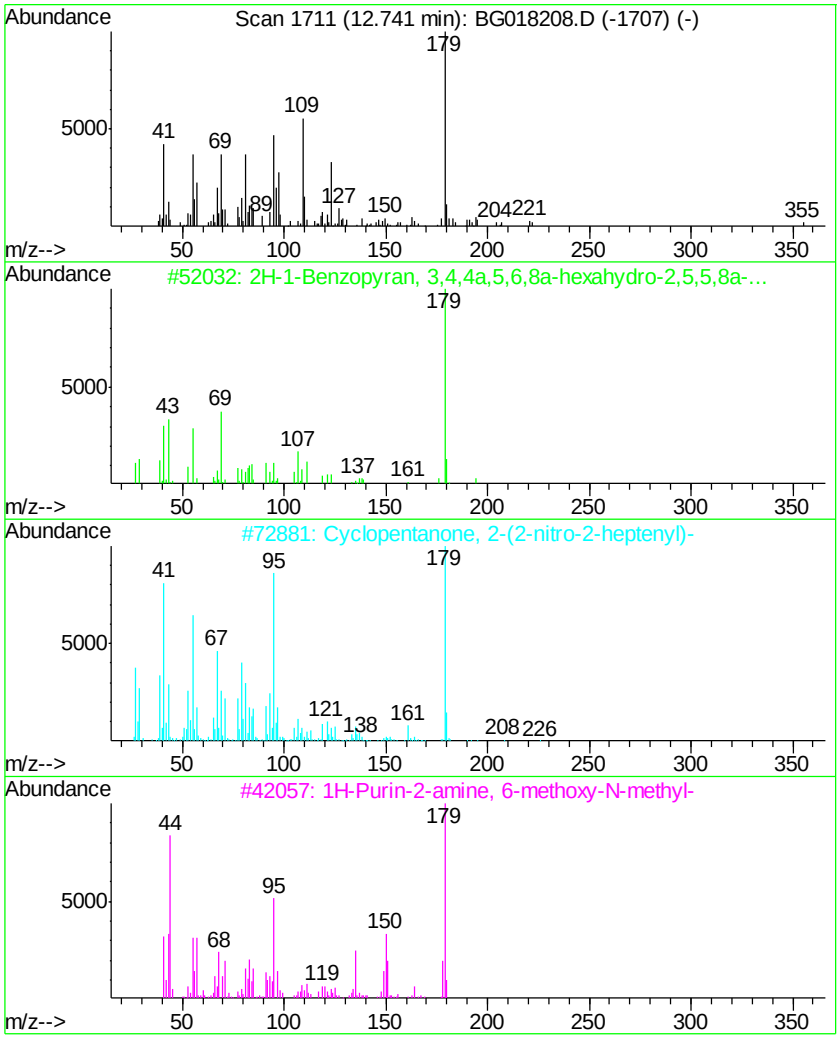
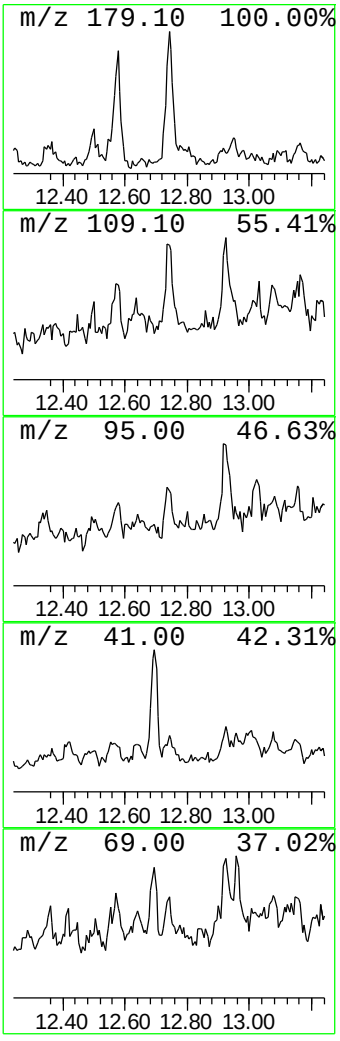
Peak Number 36 unknown-08 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	3.92 ng/ul	135849	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1-Benzopyran, 3,4,4a,5,6,8a-h...	194	C13H22O	063335-66-0	38
2	Cyclopentanone, 2-(2-nitro-2-hep...	225	C12H19NO3	104313-57-7	32
3	1H-Purin-2-amine, 6-methoxy-N-me...	179	C7H9N5O	050704-44-4	25
4	Benzoic acid, 3-isothiocyanato-	179	C8H5NO2S	002131-63-7	25
5	Phenanthridine	179	C13H9N	000229-87-8	22





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018208.D
Acq On : 1 Aug 2015 7:33
Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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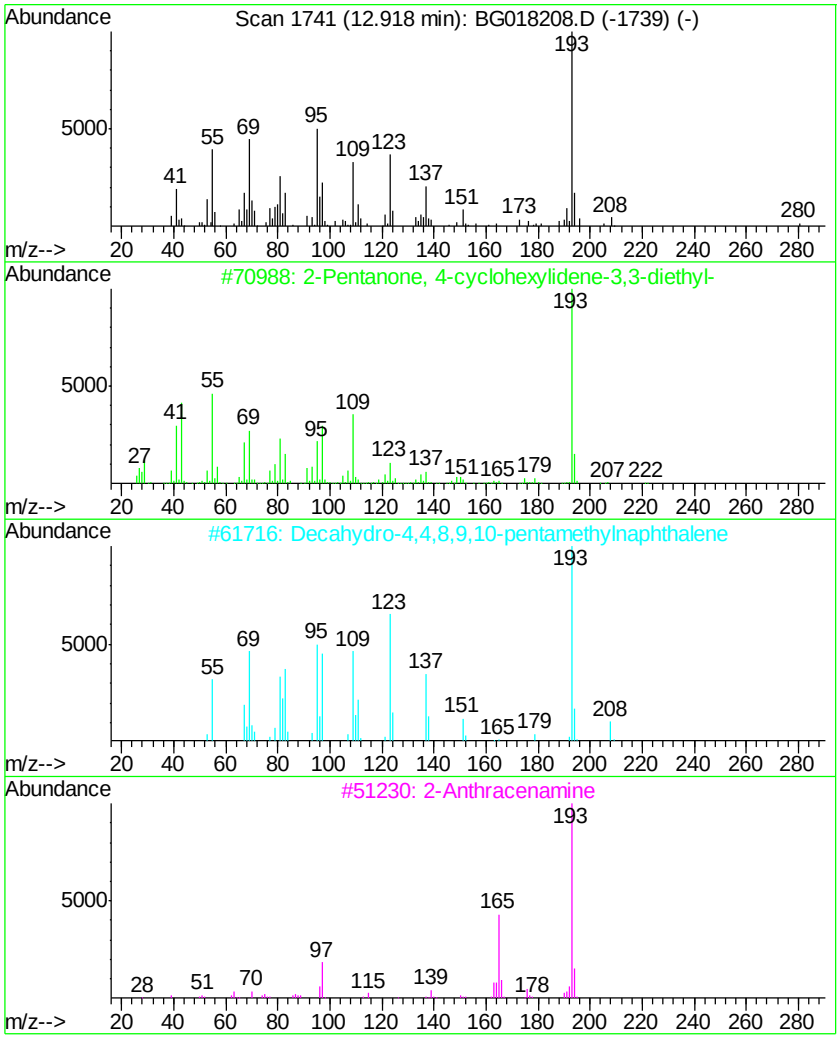
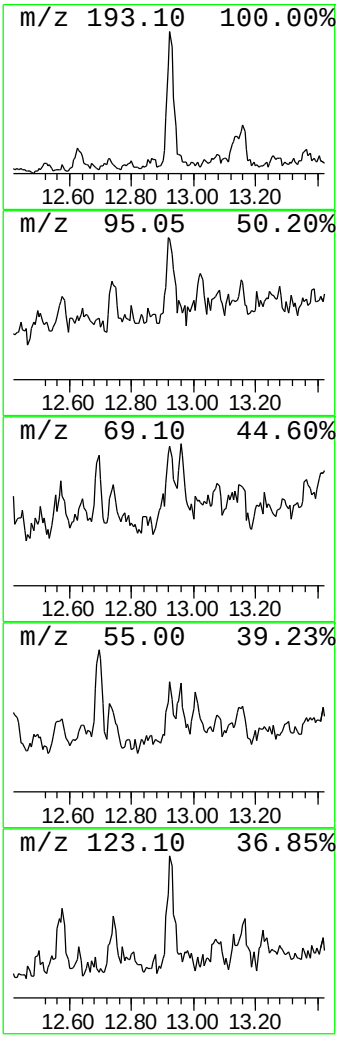
Peak Number 37 unknown-09 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	2.85 ng/ul	98716	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	47
2	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	35
3	2-Anthracenamine	193	C14H11N	000613-13-8	35
4	2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	32
5	3-Phenylindole	193	C14H11N	001504-16-1	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018208.D
Acq On : 1 Aug 2015 7:33
Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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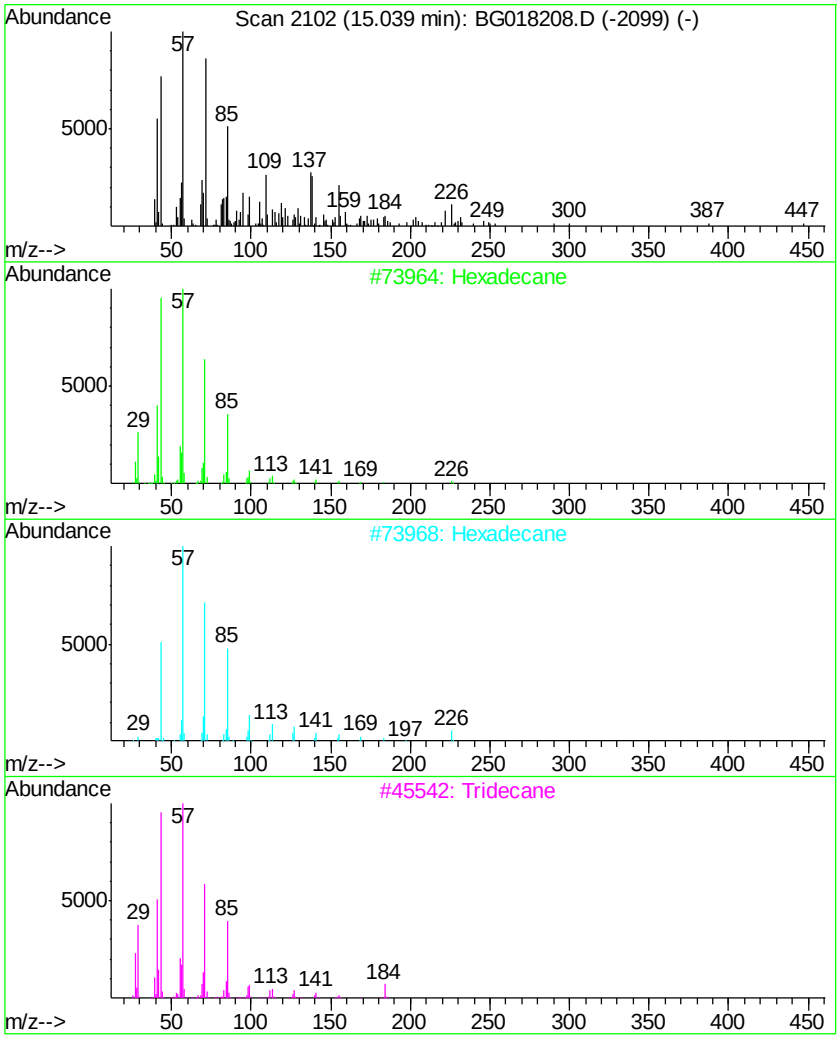
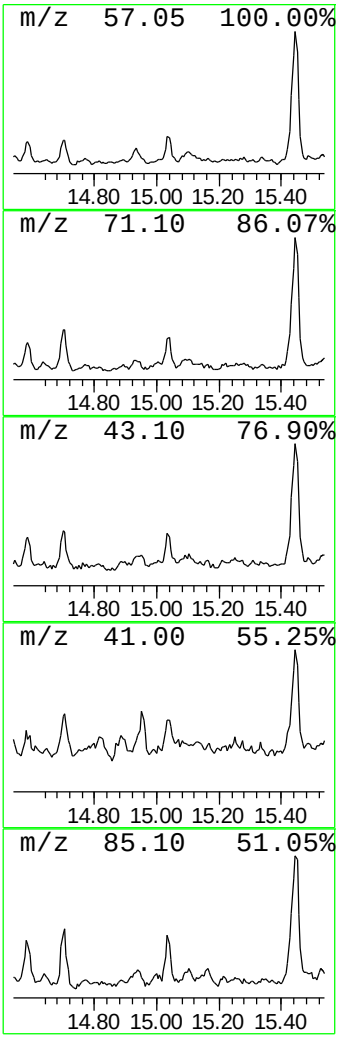
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	5.92 ng/ul	205236	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	60
2	Hexadecane	226	C16H34	000544-76-3	60
3	Tridecane	184	C13H28	000629-50-5	55
4	Hexadecane	226	C16H34	000544-76-3	55
5	Tridecane	184	C13H28	000629-50-5	55





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018208.D
Acq On : 1 Aug 2015 7:33
Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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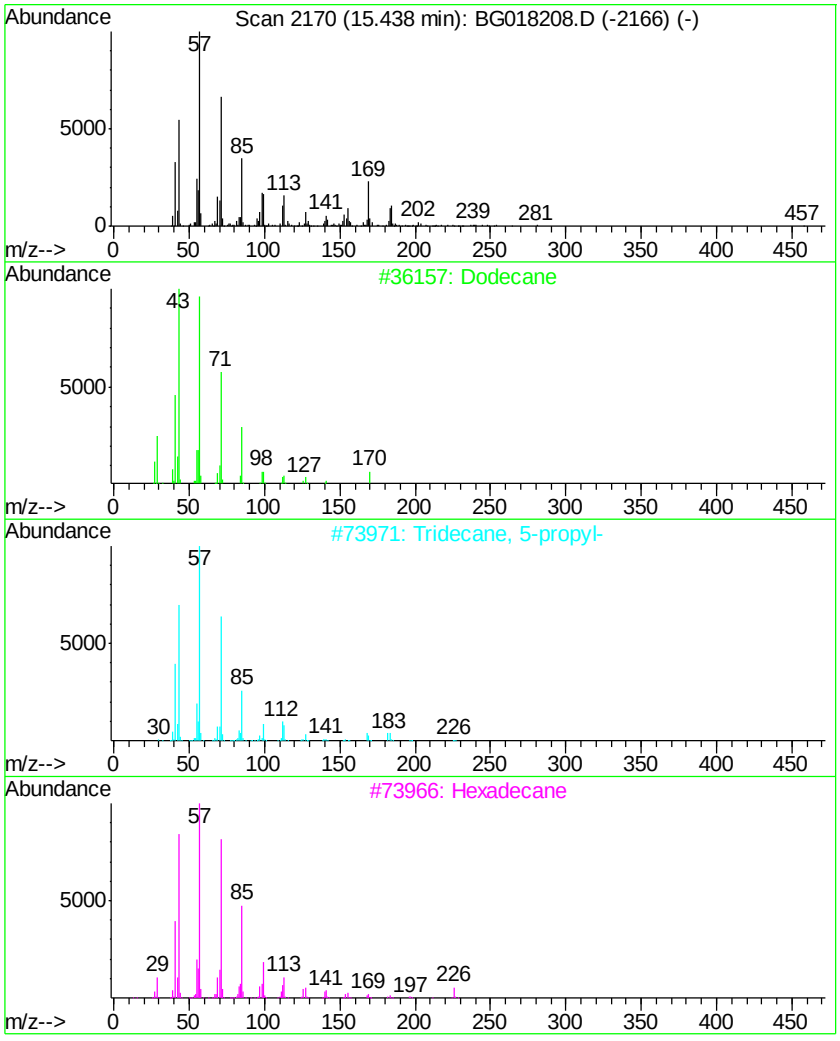
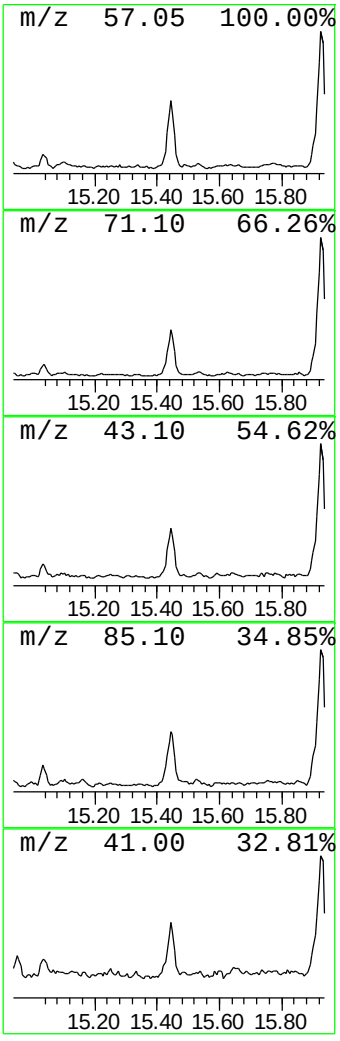
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	18.90 ng/ul	655141	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	89
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	76
3	Hexadecane	226	C16H34	000544-76-3	68
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	64
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018208.D
Acq On : 1 Aug 2015 7:33
Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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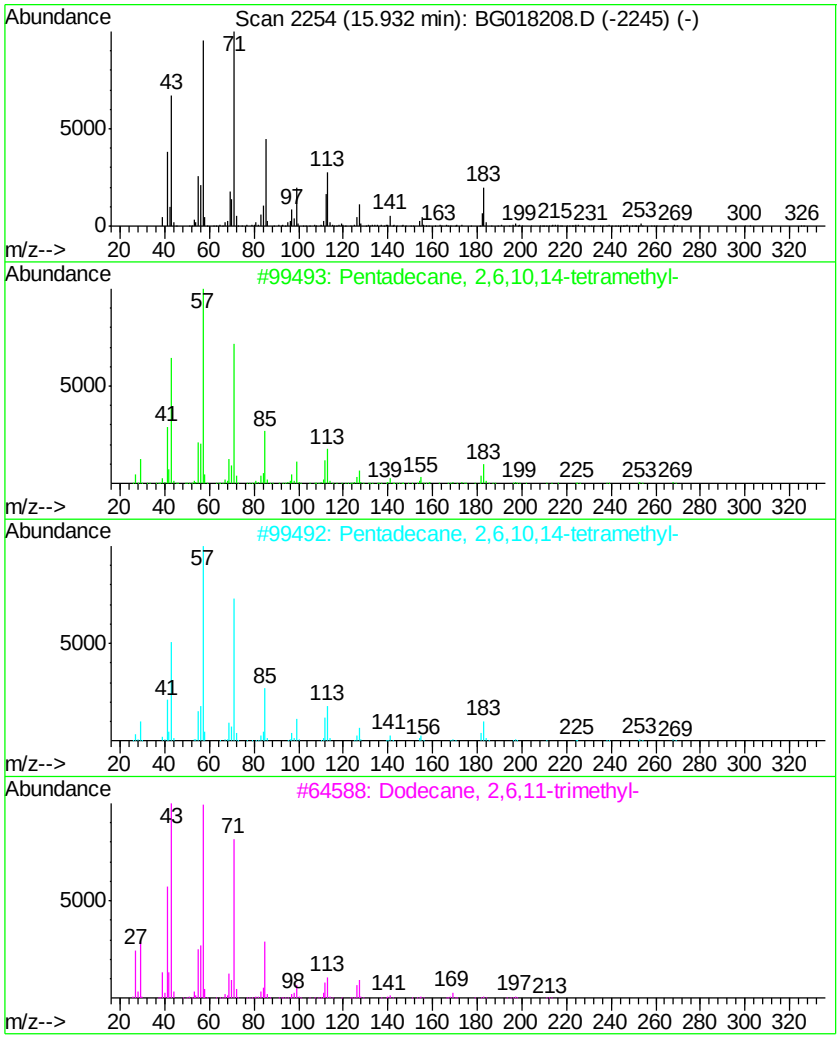
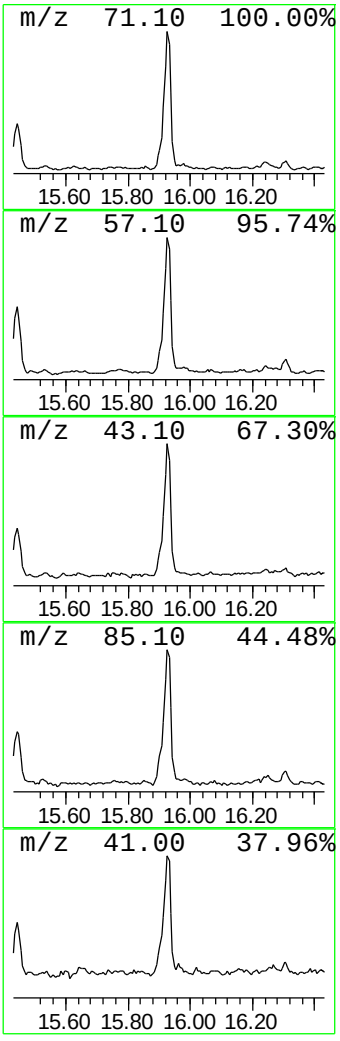
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	47.34 ng/ul	1687420	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	96
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	94
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
4	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	87
5	7-Methyl-octadecane	268	C19H40	1000192-63-3	86





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018208.D
Acq On : 1 Aug 2015 7:33
Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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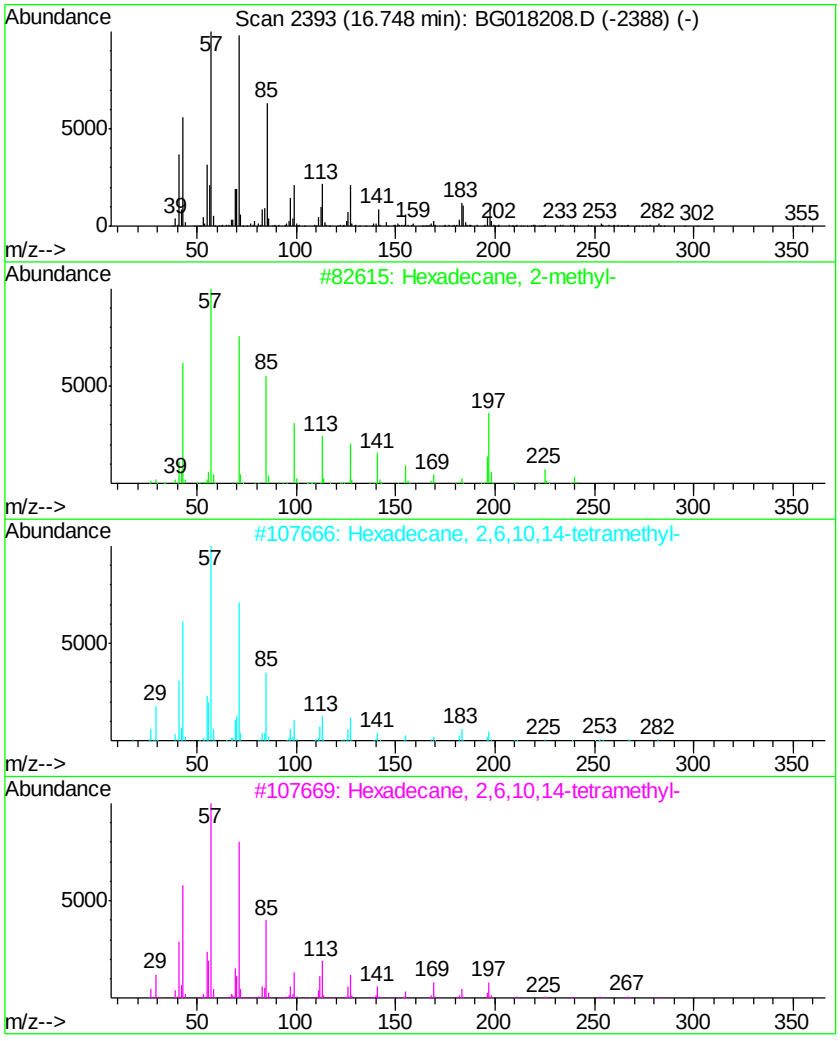
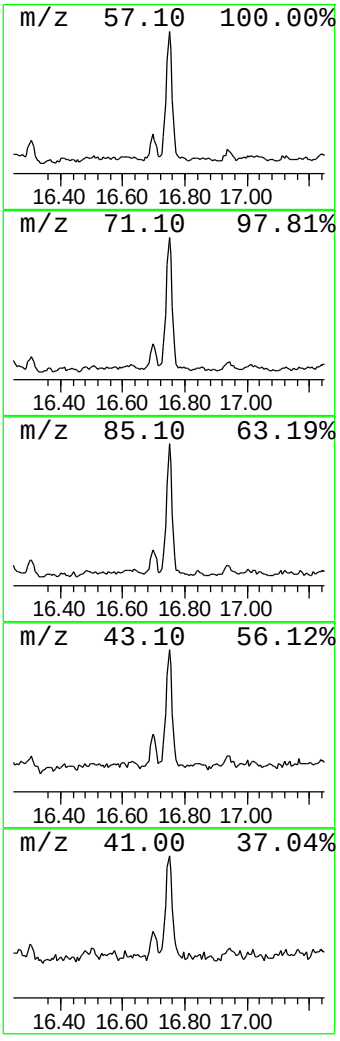
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	26.49 ng/ul	944103	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	93
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4	Eicosane	282	C20H42	000112-95-8	74
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018208.D
Acq On : 1 Aug 2015 7:33
Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	6.48	7.3	ng/ul	173157	1	7.49	475982	20.0
Benzene, 1-ethyl-...	6.58	4.1	ng/ul	98388	1	7.49	475982	20.0
Benzene, 1,2,3-tr...	7.14	12.8	ng/ul	303342	1	7.49	475982	20.0
Benzene, 1,2-diet...	7.98	4.0	ng/ul	96500	1	7.49	475982	20.0
(DEL) Alkane: Str...	8.02	6.7	ng/ul	160200	1	7.49	475982	20.0
Benzene, 1,3-diet...	8.12	7.0	ng/ul	166831	1	7.49	475982	20.0
Benzene, 4-ethyl-...	8.59	13.7	ng/ul	324905	1	7.49	475982	20.0
(DEL) Alkane: Str...	8.72	5.9	ng/ul	140802	1	7.49	475982	20.0
unknown-01	8.83	4.1	ng/ul	97740	1	7.49	475982	20.0
(DEL) Alkane: Str...	9.06	2.5	ng/ul	92823	2	10.27	726850	20.0
Benzene, 1,2,4,5-...	9.11	6.2	ng/ul	224877	2	10.27	726850	20.0
Benzene, 1,2,3,5-...	9.17	4.8	ng/ul	173474	2	10.27	726850	20.0
trans-Decalin, 2-...	9.45	3.8	ng/ul	136191	2	10.27	726850	20.0
(DEL) Alkane: Str...	9.56	2.2	ng/ul	80746	2	10.27	726850	20.0
Benzene, 1-buteny...	9.67	4.9	ng/ul	179673	2	10.27	726850	20.0
(DEL) Alkane: Str...	9.76	3.0	ng/ul	107249	2	10.27	726850	20.0
Benzene, 1-methyl...	9.98	3.3	ng/ul	118239	2	10.27	726850	20.0
(DEL) Alkane: Str...	10.44	6.3	ng/ul	228062	2	10.27	726850	20.0
Benzene, 1-ethyl-...	10.50	3.4	ng/ul	124363	2	10.27	726850	20.0
unknown-02	10.57	2.1	ng/ul	75785	2	10.27	726850	20.0
(DEL) Alkane: Cyc...	10.76	2.3	ng/ul	82106	2	10.27	726850	20.0
Naphthalene, 1,2,...	11.04	2.3	ng/ul	82776	2	10.27	726850	20.0
unknown-03	11.12	3.5	ng/ul	127558	2	10.27	726850	20.0
1H-Indene, 2,3-di...	11.18	5.3	ng/ul	192747	2	10.27	726850	20.0
(DEL) Alkane: Str...	11.31	11.4	ng/ul	416097	2	10.27	726850	20.0
unknown-04	11.46	2.7	ng/ul	98695	2	10.27	726850	20.0
(DEL) Alkane: Cyc...	11.56	2.2	ng/ul	81310	2	10.27	726850	20.0
unknown-05	12.02	2.6	ng/ul	95126	2	10.27	726850	20.0
unknown-06	12.49	2.8	ng/ul	97785	3	14.16	693395	20.0
unknown-07	12.57	4.5	ng/ul	156412	3	14.16	693395	20.0
(DEL) Alkane: Str...	12.64	3.5	ng/ul	120988	3	14.16	693395	20.0
(DEL) Alkane: Str...	12.69	10.9	ng/ul	379418	3	14.16	693395	20.0
unknown-08	12.74	3.9	ng/ul	135849	3	14.16	693395	20.0
unknown-09	12.92	2.9	ng/ul	98716	3	14.16	693395	20.0
(DEL) Alkane: Str...	15.04	5.9	ng/ul	205236	3	14.16	693395	20.0
(DEL) Alkane: Str...	15.44	18.9	ng/ul	655141	3	14.16	693395	20.0
(DEL) Alkane: Str...	15.93	47.3	ng/ul	1687420	4	16.92	712866	20.0
(DEL) Alkane: Str...	16.75	26.5	ng/ul	944103	4	16.92	712866	20.0