LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

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-BG102815.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	3.237	62	68	74	rBV	20977	28074	3.22%	0.138%
2	5.334	420	425	431	rBV3	16359	24210	2.77%	0.119%
3	5.799	498	504	517	rVB	19738	41907	4.80%	0.206%
4	6.909	688	693	700	rBV3	22865	42341	4.85%	0.208%
5	7.273	751	755	761	rVB3	15398	25630	2.94%	0.126%
6	7.379	767	773	784	rVB	99053	186380	21.34%	0.916%
7	7.585	800	808	814	rBV4	15957	32775	3.75%	0.161%
8	7.691	819	826	831	rVV7	9942	24262	2.78%	0.119%
9	7.843	848	852	860	rVV2	30456	54829	6.28%	0.269%
10	7.920	860	865	871	rVV3	38166	66267	7.59%	0.326%
11	8.202	904	913	921	rBV	137632	265530	30.41%	1.305%
12	8.478	954	960	963	rBV2	49238	86626	9.92%	0.426%
13	8.578	972	977	982	rBV5	16517	32477	3.72%	0.160%
14	8.648	982	989	1001	rVV	256197	461634	52.87%	2.269%
15	8.748	1001	1006	1011	rVB4	22842	40890	4.68%	0.201%
16	8.854	1017	1024	1031	rBV4	50271	101026	11.57%	0.497%
17	8.977	1038	1045	1052	rBV2	433304	821415	94.07%	4.037%
18	9.212	1082	1085	1092	rVB5	15527	25682	2.94%	0.126%
19	9.306	1093	1101	1111	rBV	167676	345391	39.55%	1.698%
20	9.418	1114	1120	1125	rVB7	13873	25023	2.87%	0.123%
21	9.494	1128	1133	1139	rBV3	33074	63182	7.24%	0.311%
22	9.571	1142	1146	1151	rVB6	23059	39393	4.51%	0.194%
23	9.635	1151	1157	1162	rBV2	103897	187620	21.49%	0.922%
24	9.682	1162	1165	1172	rVB3	41135	78236	8.96%	0.385%
25	9.759	1172	1178	1186	rVB2	88876	163685	18.75%	0.804%
26	9.982	1209	1216	1223	rVB3	91410	159984	18.32%	0.786%
27	10.129	1231	1241	1245	rBV9	25701	76630	8.78%	0.377%
28	10.188	1245	1251	1254	rBV	201831	365037	41.80%	1.794%
29	10.223	1254	1257	1263	rVB	212150	302763	34.67%	1.488%
30	10.311	1268	1272	1276	rVB3	23404	38270	4.38%	0.188%
31	10.458	1286	1297	1301	rBV	224754	593204	67.93%	2.915%
32	10.493	1301	1303	1314	rVB2	178562	288445	33.03%	1.418%
33	10.658	1325	1331	1337	rVB2	97627	180902	20.72%	0.889%
34	10.740	1337	1345	1353	rVB4	78107	173737	19.90%	0.854%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

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-BG102815.M
Title : SVOA CALIBRATION

35	10.869	1358	1367	1374	rBV4	153846	482078	55.21%	2.369%
36	10.928	1374	1377	1383	rVB2	152595	236157	27.04%	1.161%
37	11.034	1389	1395	1399	rBV	163587	282163	32.31%	1.387%
38	11.081	1399	1403	1410	rVB	135606	245527	28.12%	1.207%
39	11.169	1413	1418	1423	rBV2	57243	93309	10.69%	0.459%
40	11.269	1431	1435	1448	rVB8	47011	147780	16.92%	0.726%
41	11.392	1448	1456	1460	rBV6	67477	161169	18.46%	0.792%
42	11.439	1460	1464	1472	rVV3	87111	212816	24.37%	1.046%
43	11.504	1472	1475	1478	rVV3	25746	44883	5.14%	0.221%
44	11.557	1478	1484	1489	rVV2	84689	195153	22.35%	0.959%
45	11.615	1489	1494	1503	rVB5	62422	157344	18.02%	0.773%
46	11.792	1518	1524	1527	rBV7	17817	30127	3.45%	0.148%
47	11.844	1527	1533	1539	rBV	223495	376855	43.16%	1.852%
48	12.044	1561	1567	1571	rBV2	111406	194491	22.27%	0.956%
49	12.091	1571	1575	1579	rVB2	59197	94687	10.84%	0.465%
50	12.179	1585	1590	1598	rBV2	271295	480281	55.00%	2.360%
51	12.262	1600	1604	1609	rVB	93765	146295	16.75%	0.719%
52	12.409	1624	1629	1636	rVB5	74388	135214	15.48%	0.665%
53	12.544	1644	1652	1665	rVB5	46467	171171	19.60%	0.841%
54	12.673	1669	1674	1679	rBV2	151440	295722	33.87%	1.453%
55	12.890	1706	1711	1722	rVB3	94623	176441	20.21%	0.867%
56	12.984	1722	1727	1731	rBV4	40588	80032	9.17%	0.393%
57	13.031	1731	1735	1739	rVV6	40256	74639	8.55%	0.367%
58	13.096	1741	1746	1750	rVB	178841	287052	32.87%	1.411%
59	13.190	1758	1762	1765	rBV4	47671	70259	8.05%	0.345%
60	13.319	1780	1784	1791	rVB	197851	330540	37.85%	1.625%
61	13.437	1800	1804	1812	rVB	72331	135425	15.51%	0.666%
62	13.554	1818	1824	1831	rBV8	44074	119101	13.64%	0.585%
63	13.625	1831	1836	1841	rBV4	72970	158856	18.19%	0.781%
64	13.801	1862	1866	1872	rVB7	32940	67502	7.73%	0.332%
65	13.889	1874	1881	1887	rBV9	27603	77217	8.84%	0.380%
66	13.960	1890	1893	1896	rBV2	41001	50607	5.80%	0.249%
67	14.171	1922	1929	1941	rVB3	326454	666773	76.36%	3.277%
68	14.318	1950	1954	1959	rVB5	73903	111604	12.78%	0.549%
69	14.629	2004	2007	2012	rBV5	33862	63219	7.24%	0.311%
70	14.700	2016	2019	2024	rVB4	75813	97862	11.21%	0.481%
71	14.829	2036	2041	2050	rVB2	307046	515610	59.05%	2.534%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

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-BG102815.M
Title : SVOA CALIBRATION

72	14.964	2059	2064	2071	rBV	494204	706613	80.92%	3.473%
73	15.229	2104	2109	2115	rVB3	86388	179211	20.52%	0.881%
74	15.299	2117	2121	2125	rVV4	66724	94558	10.83%	0.465%
75	15.587	2167	2170	2176	rVB6	58237	108873	12.47%	0.535%
76	15.646	2176	2180	2184	rBV	80477	112987	12.94%	0.555%
77	15.681	2184	2186	2193	rVB5	58005	80349	9.20%	0.395%
78	15.752	2193	2198	2204	rBV	362907	503693	57.68%	2.476%
79	16.239	2279	2281	2285	rBV5	29123	35180	4.03%	0.173%
80	16.510	2324	2327	2330	rVB	63694	72321	8.28%	0.355%
81	16.645	2347	2350	2361	rVB8	86065	178531	20.45%	0.877%
82	16.850	2381	2385	2393	rVB5	72141	155130	17.77%	0.762%
83	17.297	2457	2461	2468	rBV2	109972	166866	19.11%	0.820%
84	17.573	2502	2508	2512	rBV	439392	667888	76.49%	3.283%
85	17.749	2534	2538	2545	rBV2	193351	365820	41.89%	1.798%
86	18.043	2584	2588	2596	rVB	103747	163014	18.67%	0.801%
87	18.325	2632	2636	2639	rBV	54950	76812	8.80%	0.378%
88	18.689	2695	2698	2701	rVB4	42950	47088	5.39%	0.231%
89	18.725	2701	2704	2708	rBV	115700	124742	14.29%	0.613%
90	19.347	2807	2810	2813	rBV	143695	160955	18.43%	0.791%
91	19.894	2900	2903	2905	rBV3	78679	84230	9.65%	0.414%
92	19.923	2905	2908	2914	rVB4	119668	157273	18.01%	0.773%
93	20.452	2995	2998	3005	rVB	144044	169497	19.41%	0.833%
94	20.946	3076	3082	3091	rVB2	445877	873215	100.00%	4.292%
95	21.468	3168	3171	3175	rVB2	101954	137503	15.75%	0.676%
96	21.615	3192	3196	3206	rVB4	115461	249199	28.54%	1.225%
97	21.862	3232	3238	3244	rVB	503637	826849	94.69%	4.064%
98	22.021	3261	3265	3274	rVB5	145000	318428	36.47%	1.565%
99	22.702	3377	3381	3386	rVB2	91877	144283	16.52%	0.709%
100	25.241	3807	3813	3824	rVB3	236619	676121	77.43%	3.323%

Sum of corrected areas: 20346647

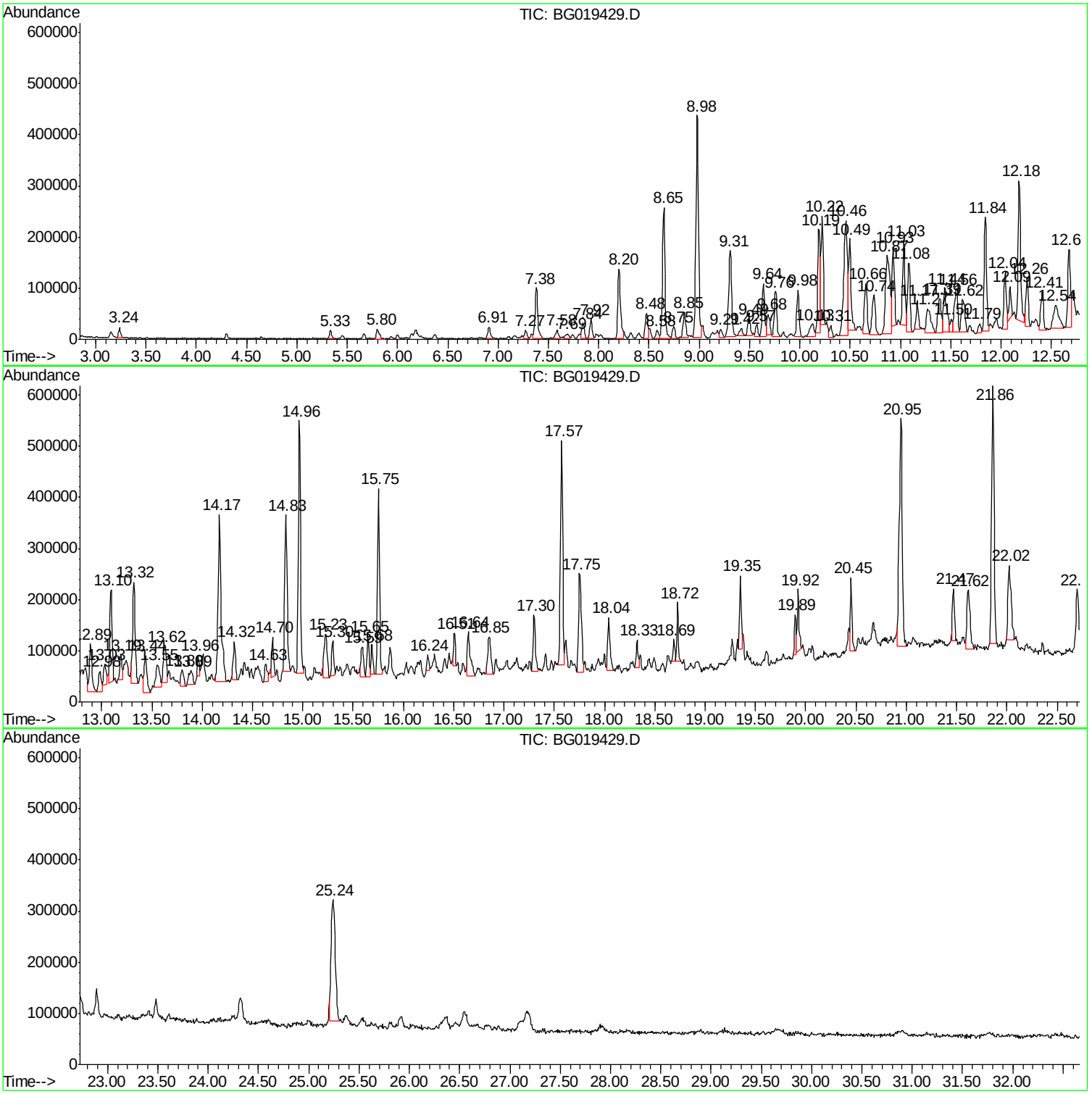
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.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\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

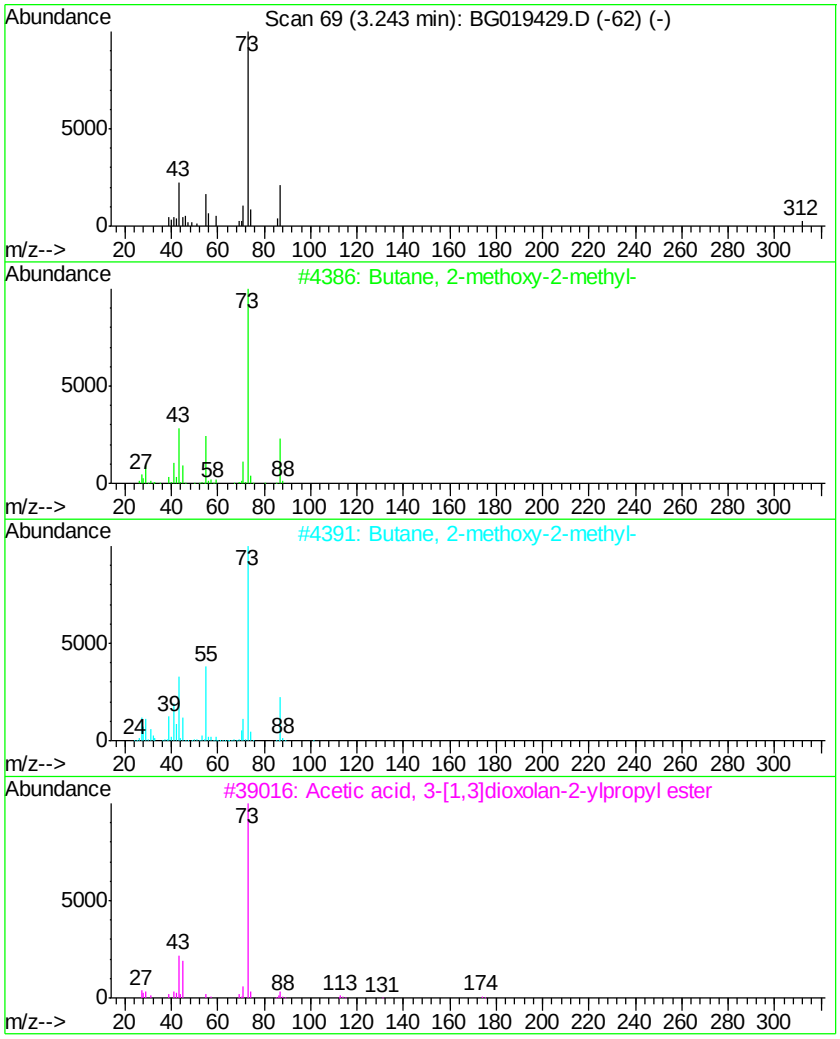
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

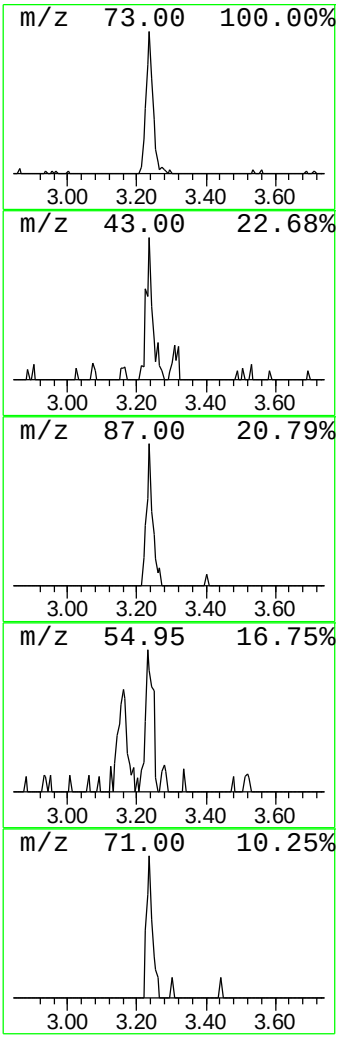
****

Peak Number 1 unknown-01 Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	2.11 ng/ul	28074	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	42
3	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	12
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7
5	N-Ethylformamide	73	C3H7NO	000627-45-2	5





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

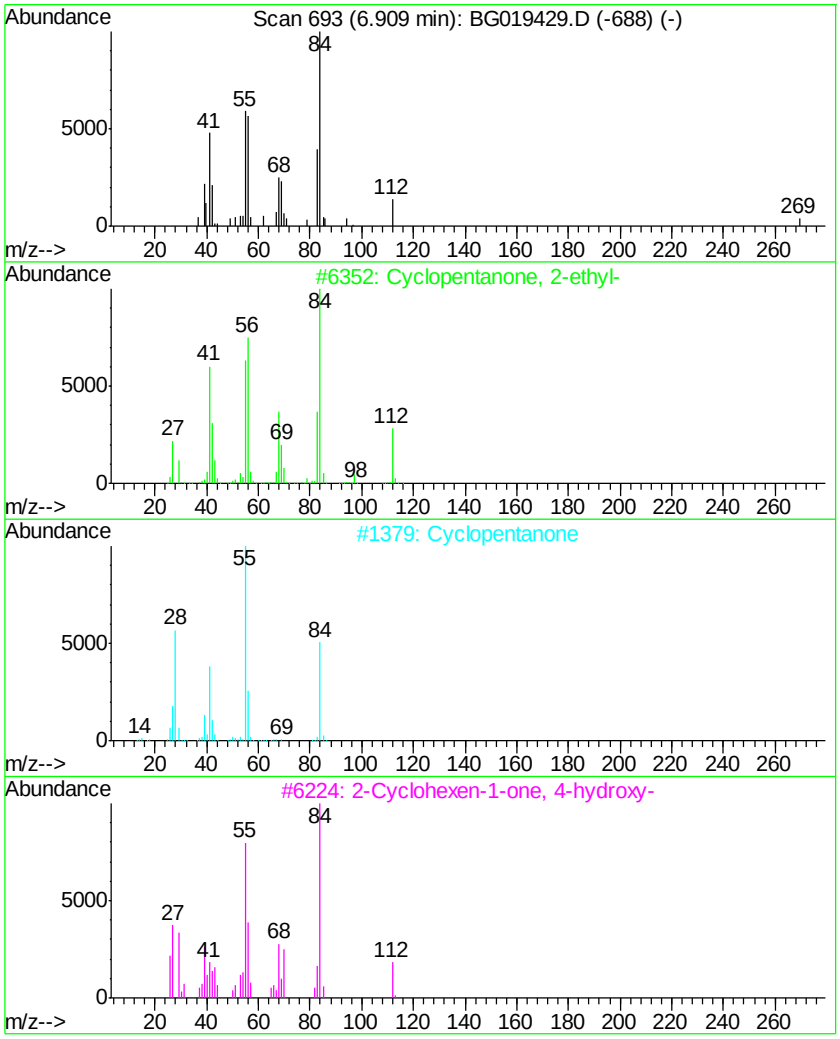
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

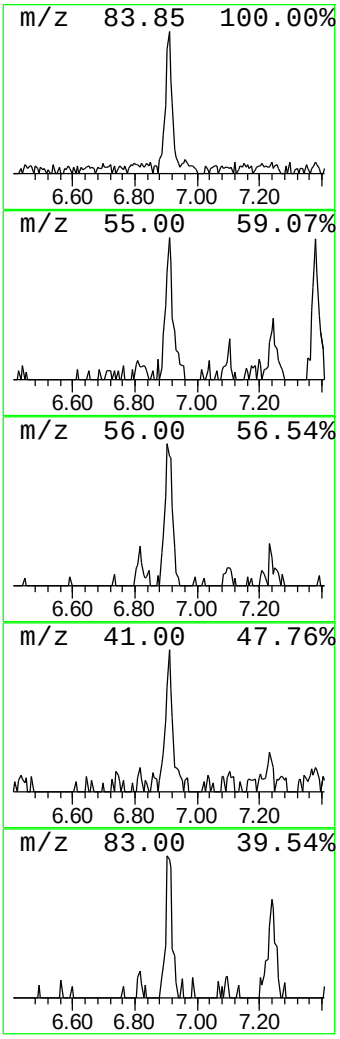
****

Peak Number 3 Cyclopentanone, 2-ethyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	3.19 ng/ul	42341	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	81
2	Cyclopentanone	84	C5H8O	000120-92-3	49
3	2-Cyclohexen-1-one, 4-hydroxy-	112	C6H8O2	030182-12-8	47
4	Cyclopentanone	84	C5H8O	000120-92-3	43
5	Cyclohexane	84	C6H12	000110-82-7	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

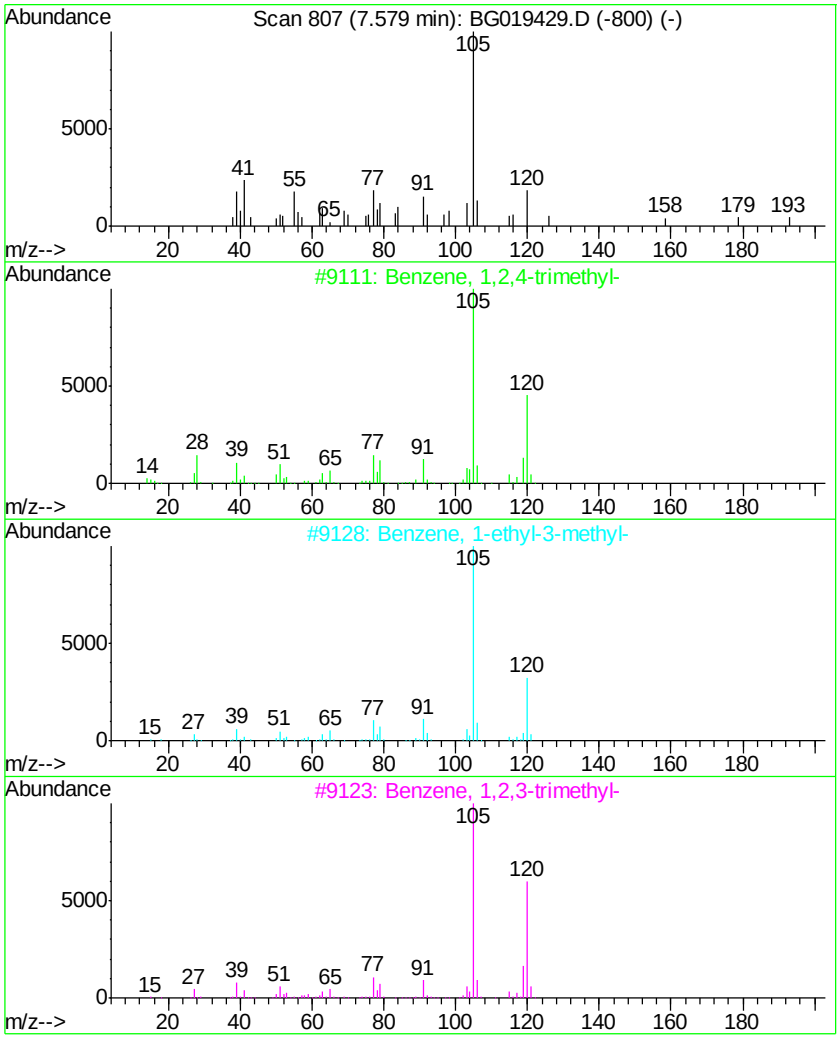
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

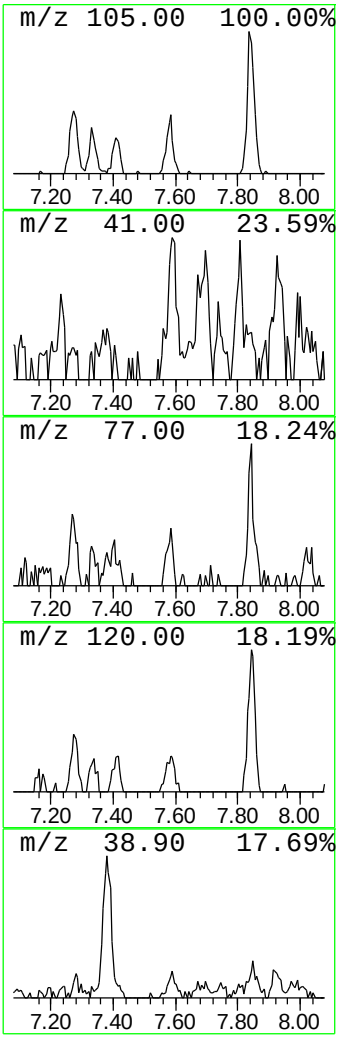
****

Peak Number 4 unknown-02 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	2.47 ng/ul	32775	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	47
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	43
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	43
4	2,4-Nonadiyne	120	C9H12	063621-15-8	43
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

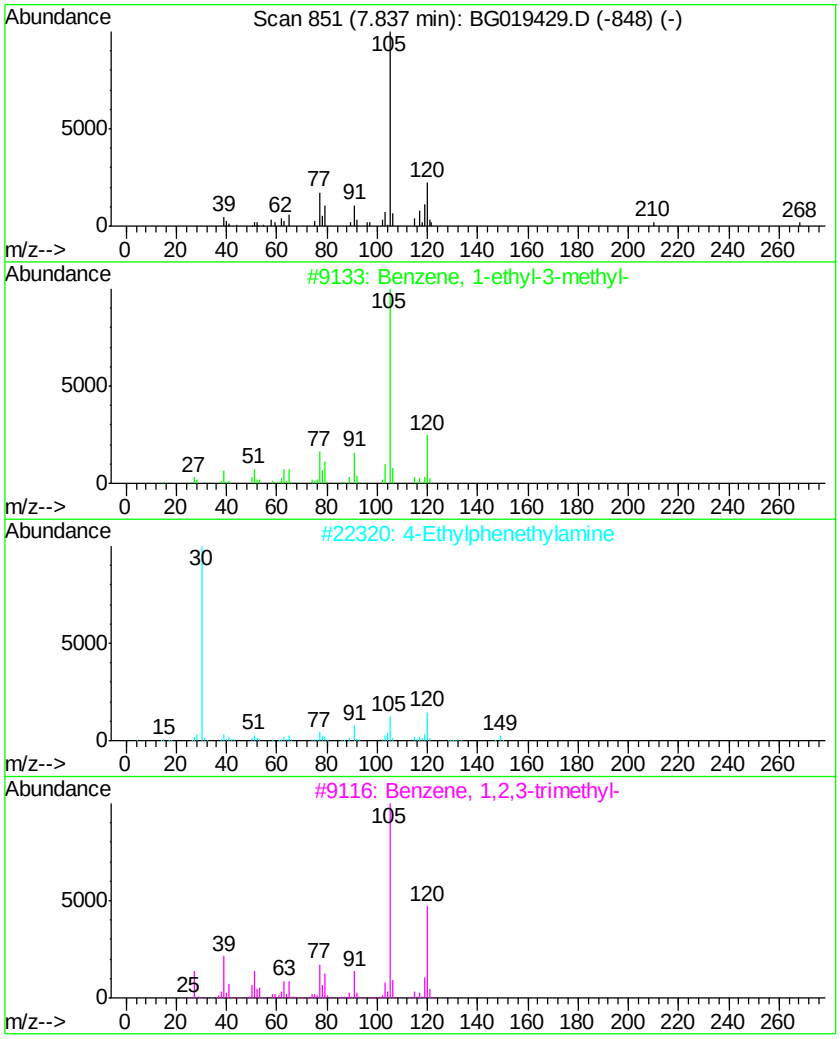
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

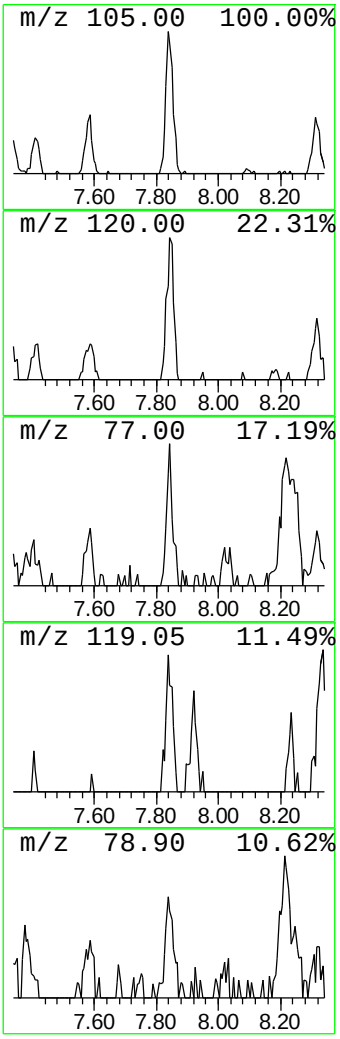
****

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	4.13 ng/ul	54829	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
2	4-Ethylphenethylamine	149	C10H15N	064353-29-3	78
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	68
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

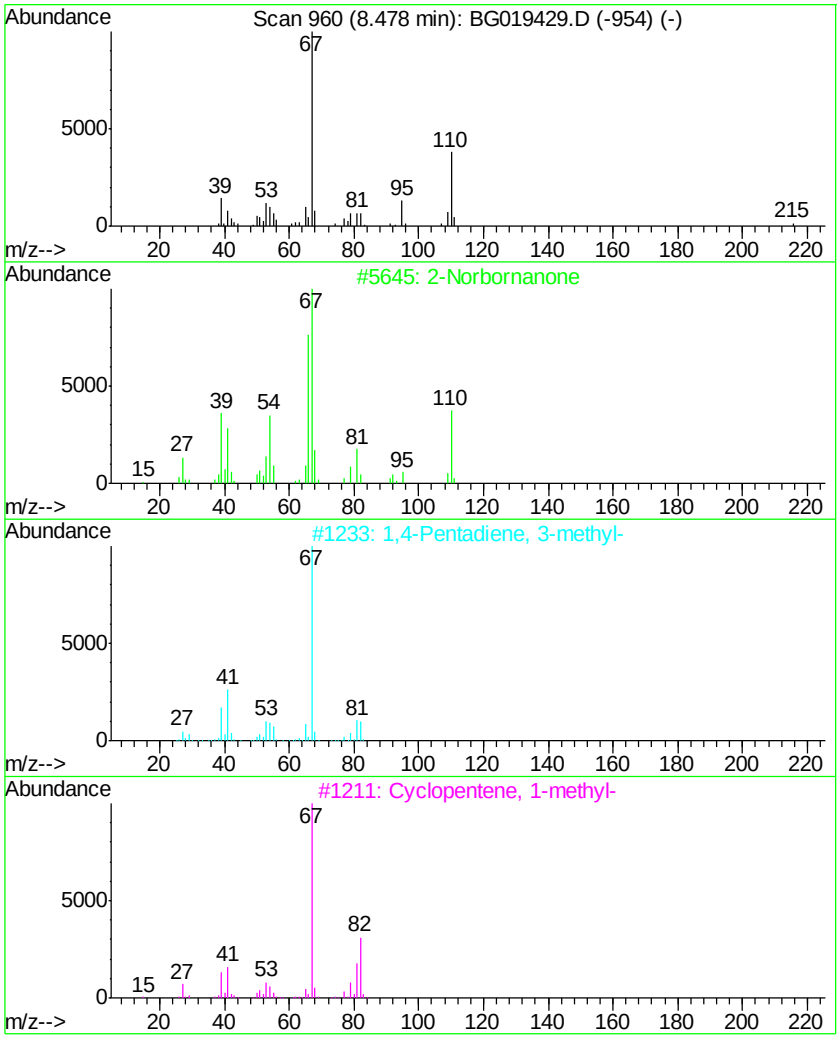
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

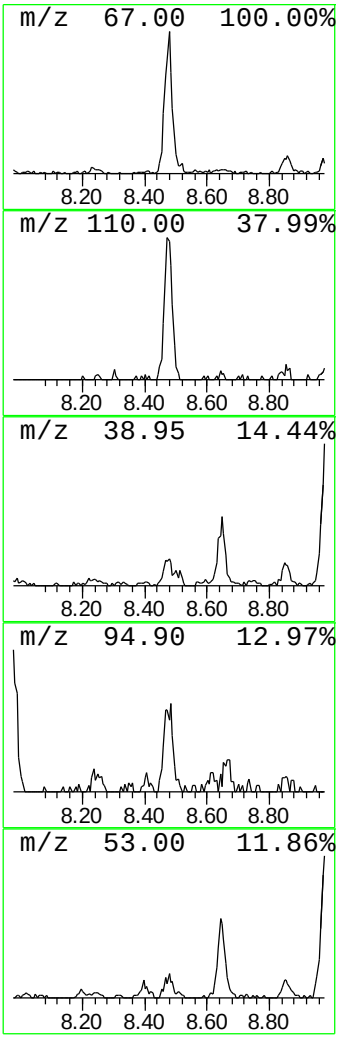
****

Peak Number 7 2-Norbornanone Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	6.52 ng/ul	86626	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Norbornanone	110	C7H10O	000497-38-1	80
2	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	62
3	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	58
4	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	58
5	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	58





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Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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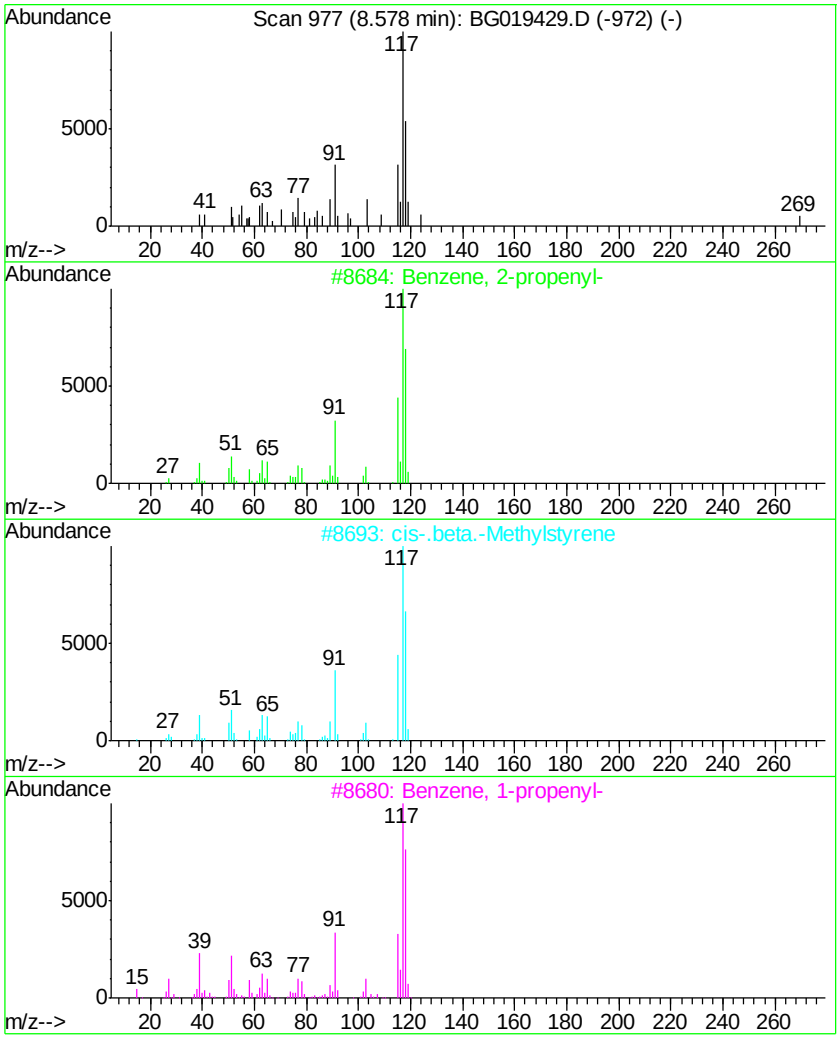
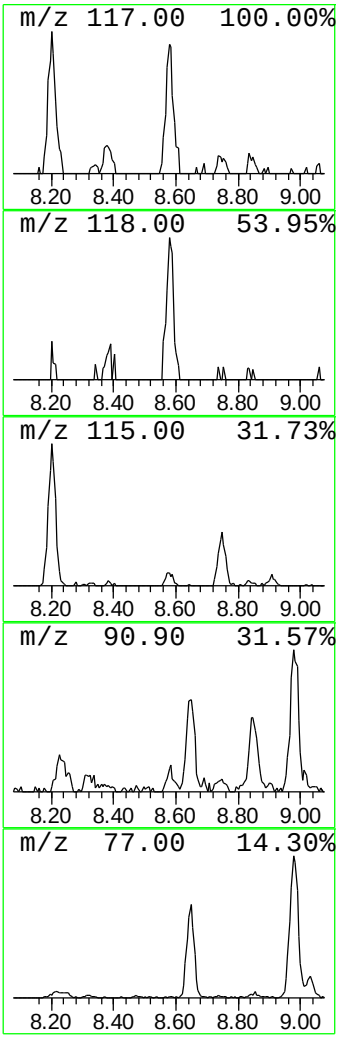
Peak Number 8 Benzene, 2-propenyl- Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	2.45 ng/ul	32477	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
2	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	64
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	58
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	58
5	Deltacyclene	118	C9H10	007785-10-6	52





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Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

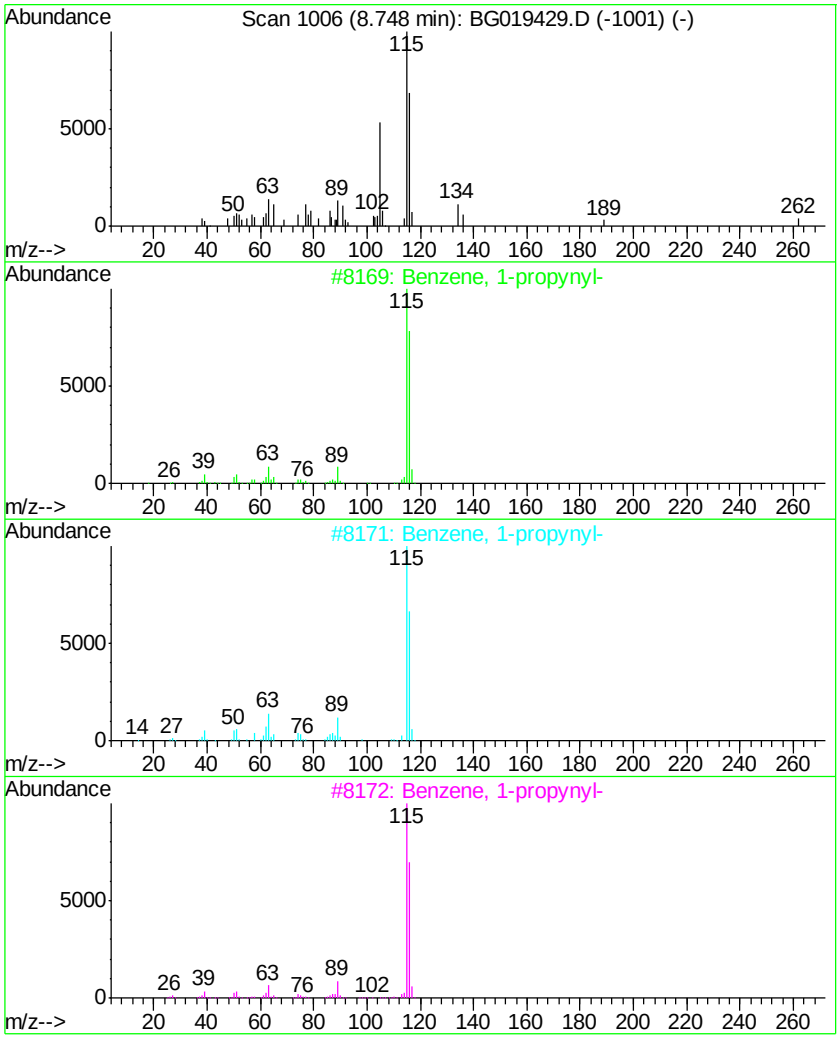
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

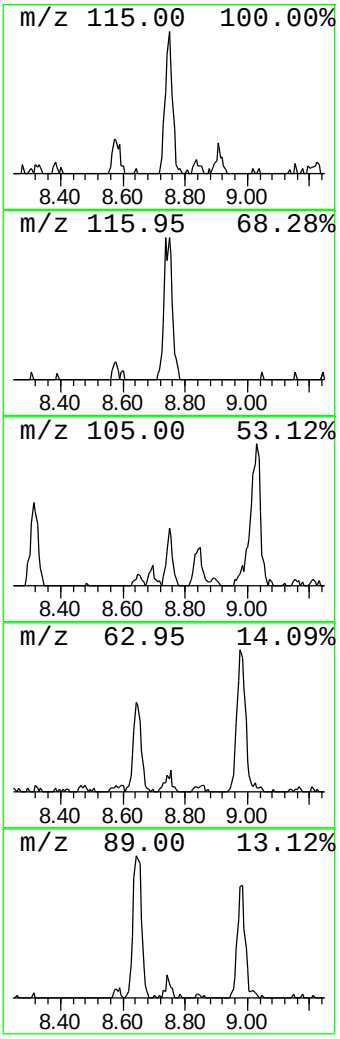
****

Peak Number 9 Benzene, 1-propynyl- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	3.08 ng/ul	40890	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	81
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	74
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	74
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	72
5	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	64





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Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

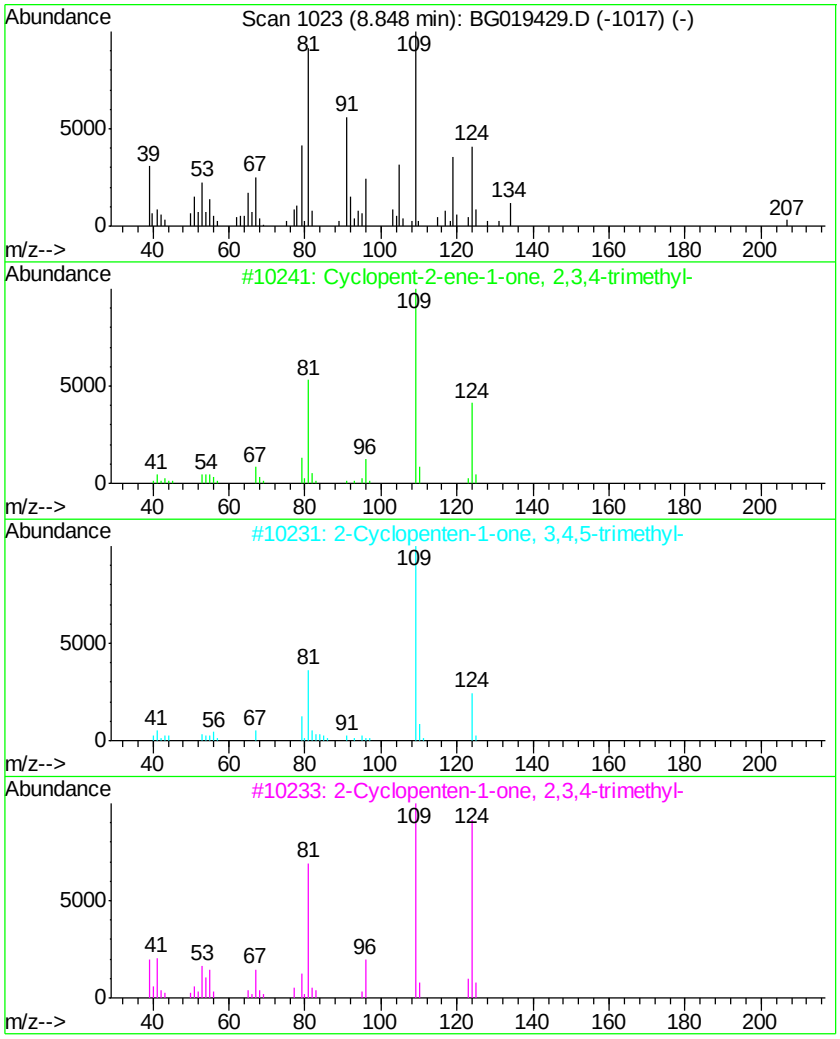
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

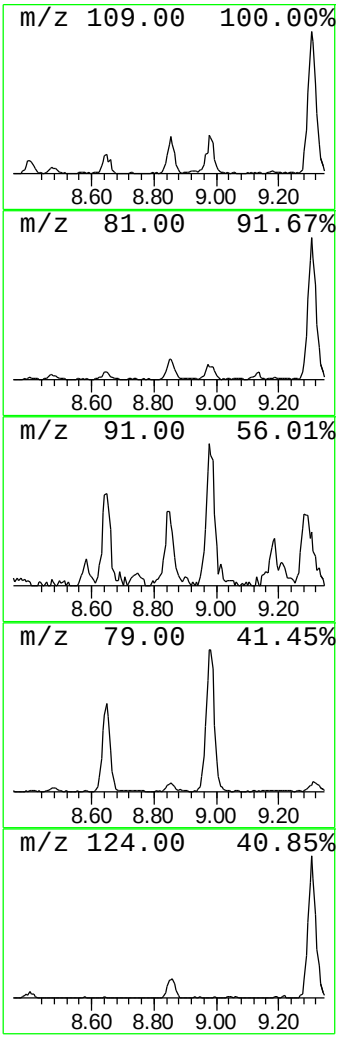
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopent-2-ene-1-one, 2,3,... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	7.61 ng/ul	101026	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopent-2-ene-1-one, 2,3,4-tri...	124	C8H12O	083321-16-8	87
2	2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	81
3	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	74
4	2-Cyclopenten-1-one, 3,5,5-trime...	124	C8H12O	024156-95-4	64
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	62





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Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

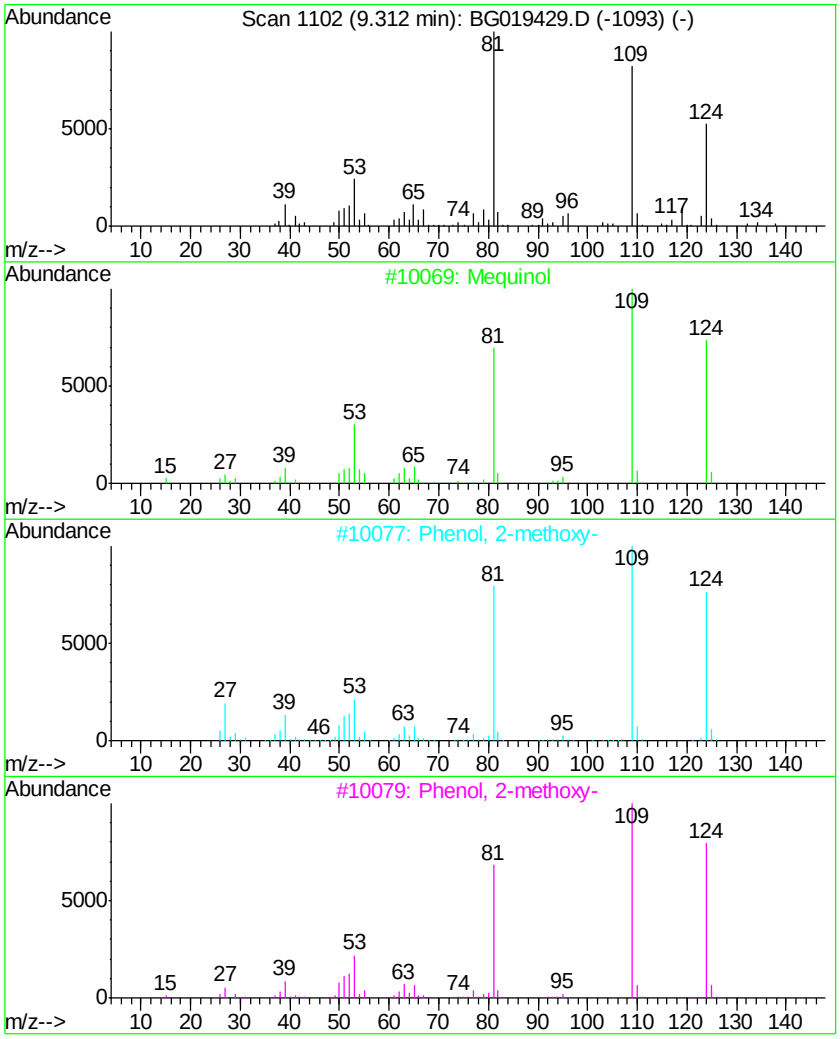
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

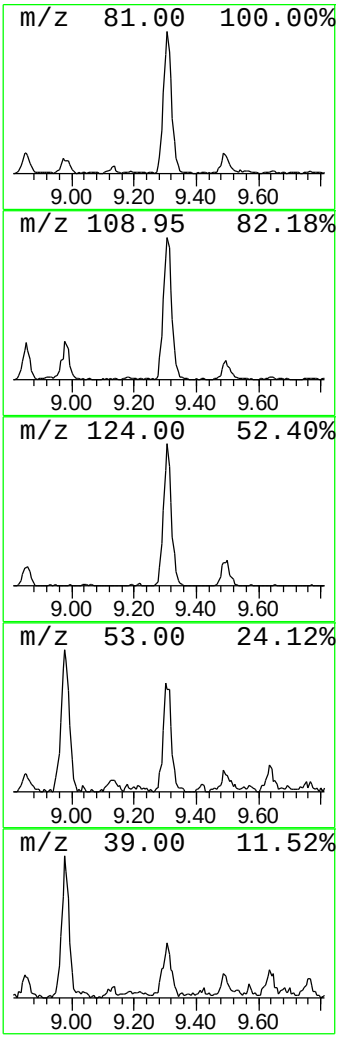
****

Peak Number 11 Mequinol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	26.02 ng/ul	345391	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mequinol	124	C7H8O2	000150-76-5	64
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	49
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	49
4	Mequinol	124	C7H8O2	000150-76-5	47
5	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	43





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Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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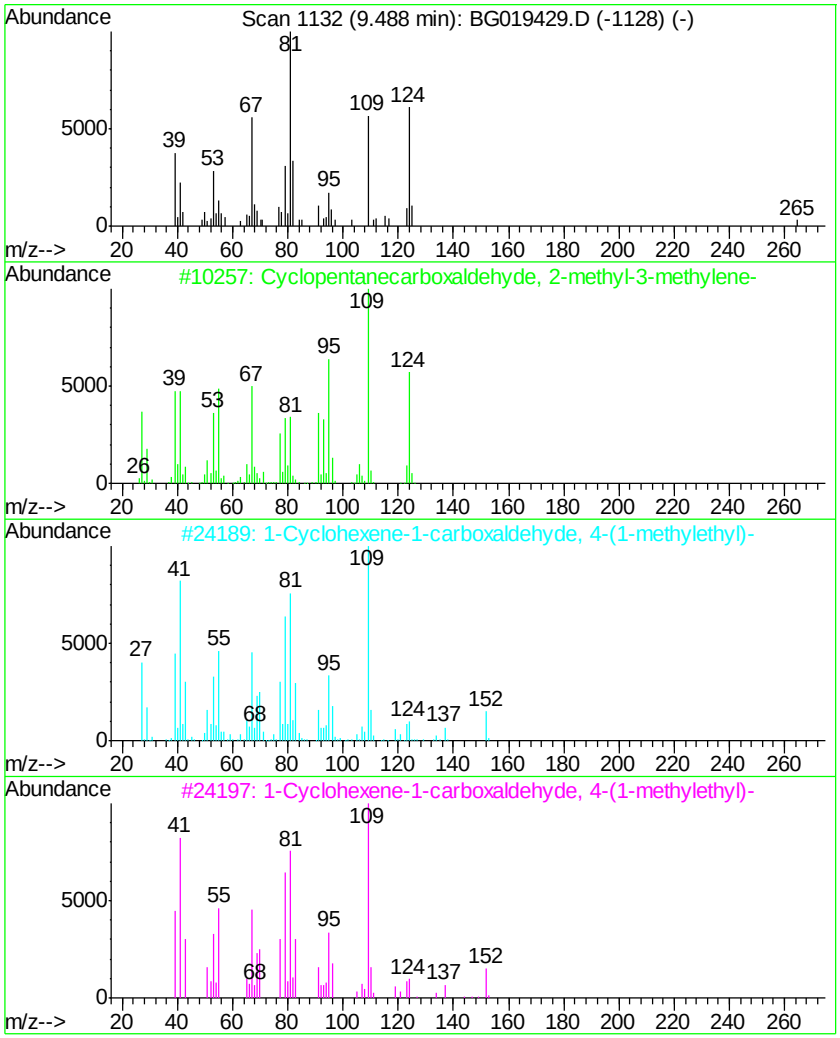
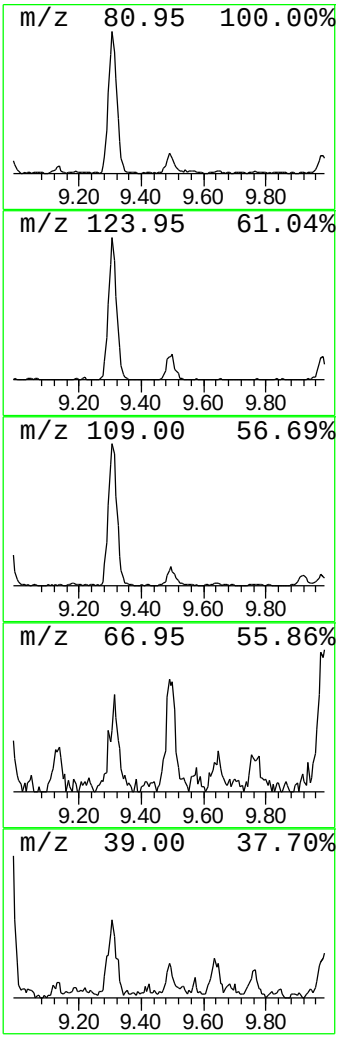
Peak Number 12 unknown-03 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	4.76 ng/ul	63182	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanecarboxaldehyde, 2-me...	124	C8H12O	1000154-24-0	46
2	1-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	021391-98-0	43
3	1-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	021391-98-0	43
4	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	38
5	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	35





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Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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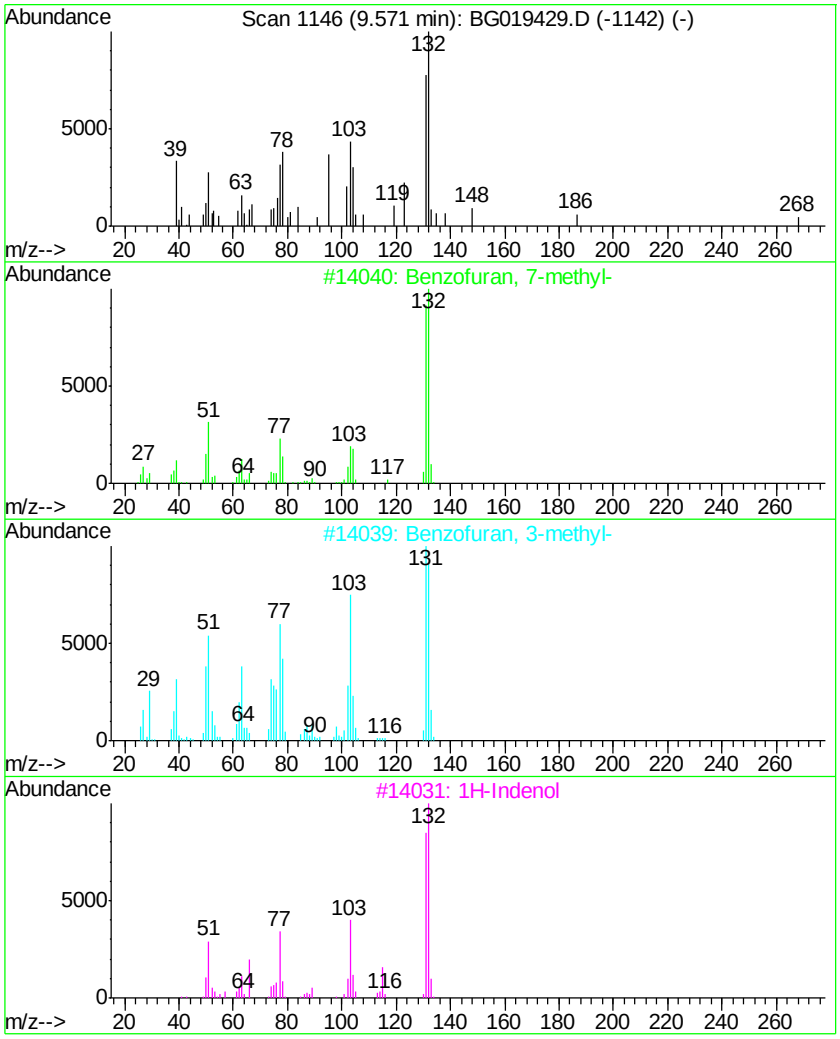
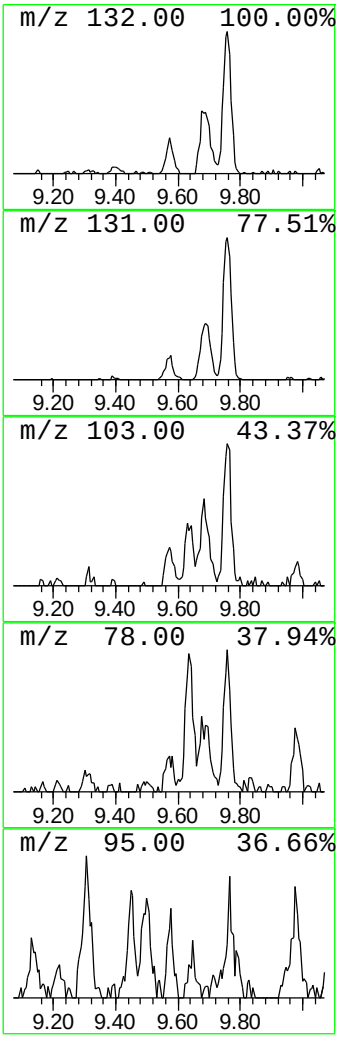
Peak Number 13 Benzofuran, 7-methyl- Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	2.97 ng/ul	39393	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	93
2	Benzofuran, 3-methyl-	132	C9H8O	021535-97-7	64
3	1H-Indenol	132	C9H8O	056631-57-3	62
4	Benzene, (2-methyl-1-methylenebu...	160	C12H16	026452-86-8	53
5	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	50





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Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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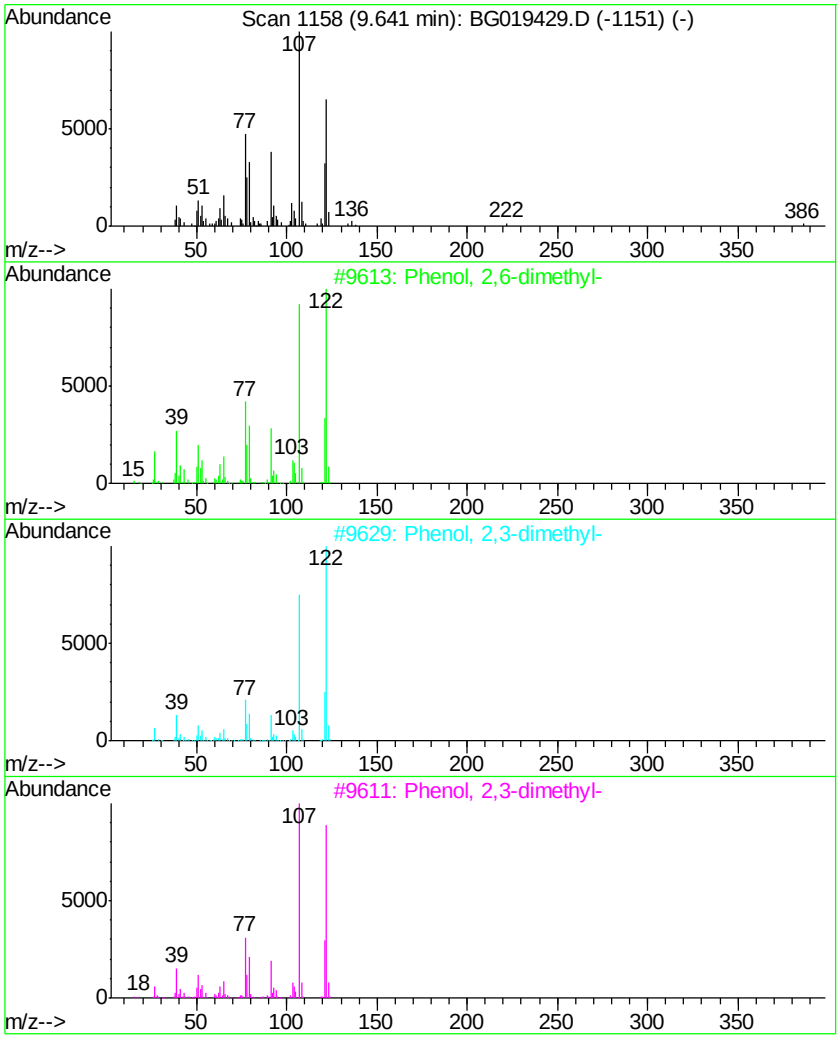
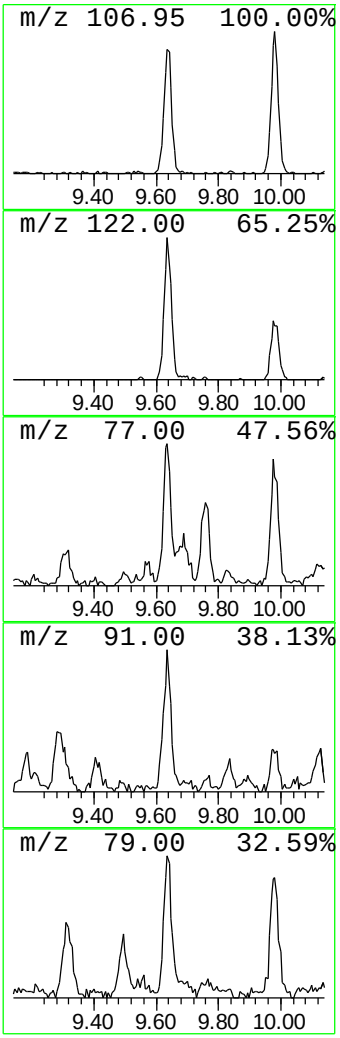
Peak Number 14 Phenol, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	13.30 ng/ul	187620	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	93
2	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	91
3	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	90
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	87
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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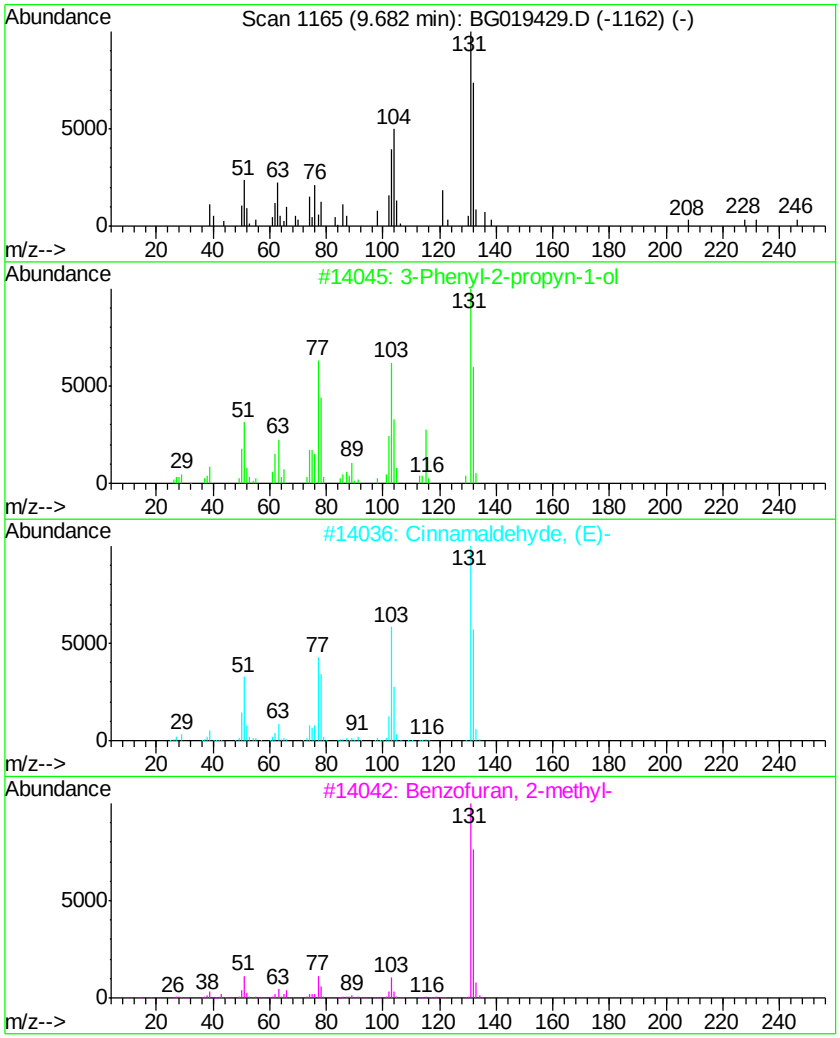
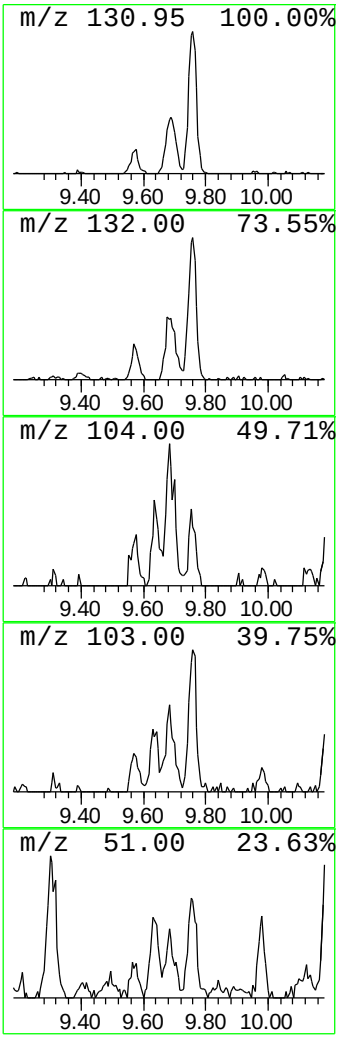
Peak Number 15 3-Phenyl-2-propyn-1-ol Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	5.55 ng/ul	78236	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	53
2	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	53
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	53
4	Benzonitrile, 2-(methylamino)-	132	C8H8N2	017583-40-3	52
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	52





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Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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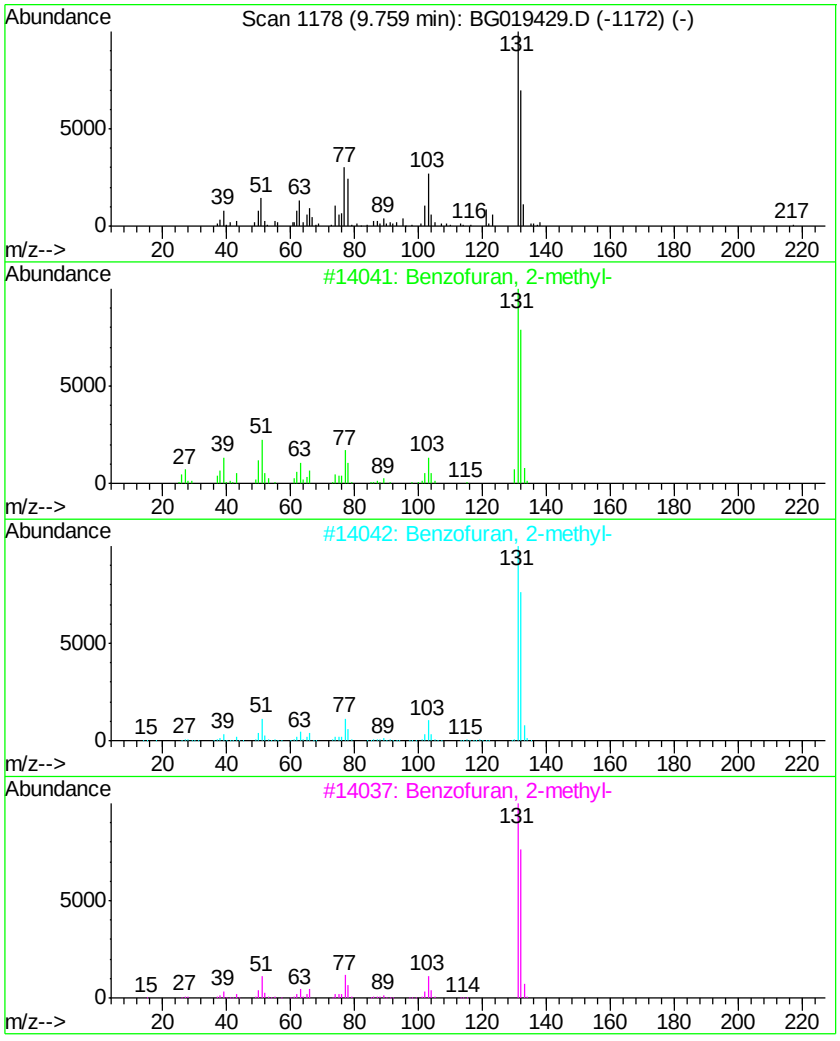
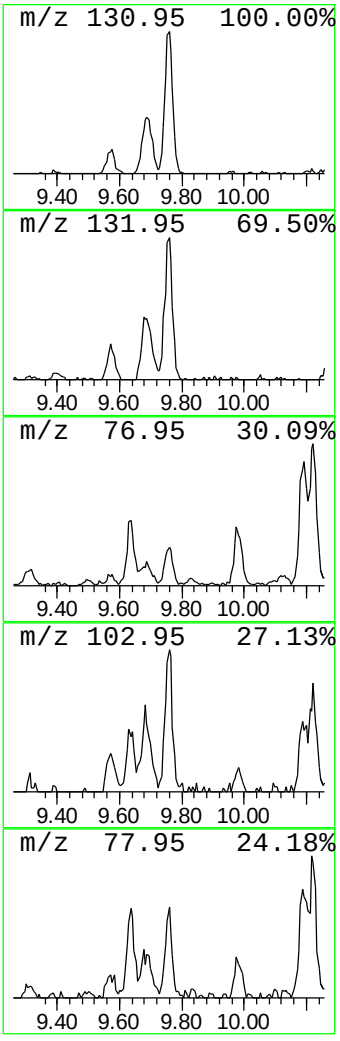
Peak Number 16 Benzofuran, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	11.60 ng/ul	163685	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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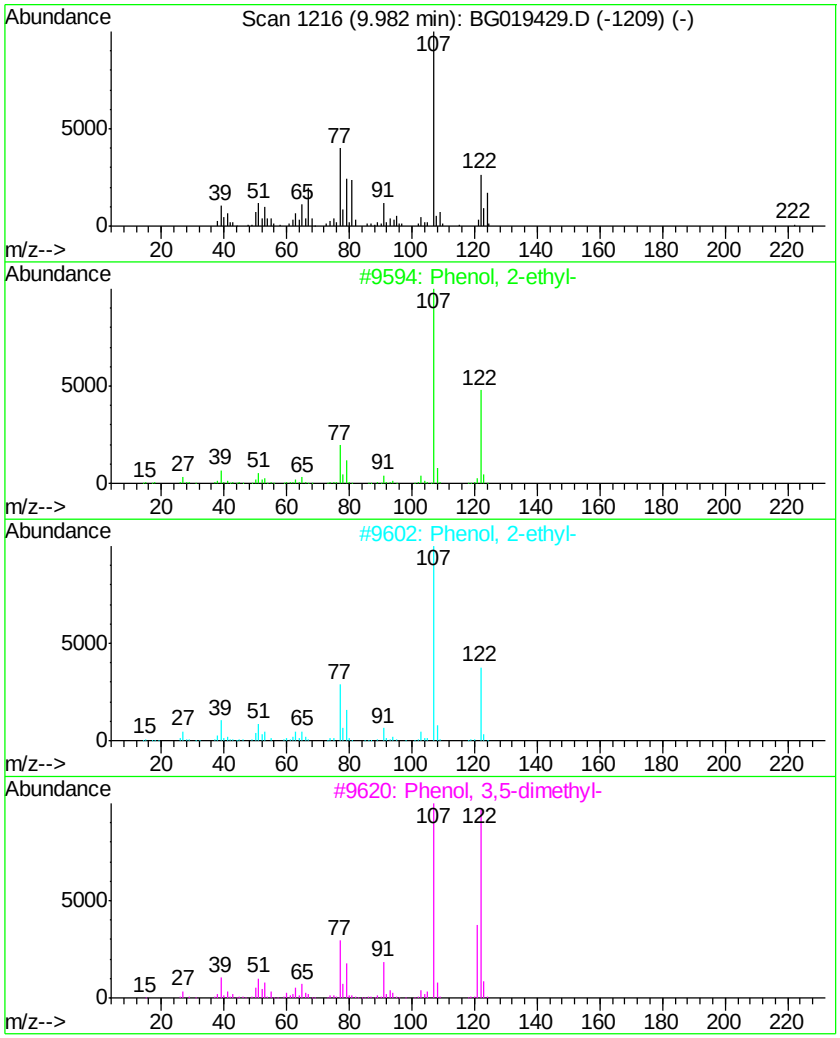
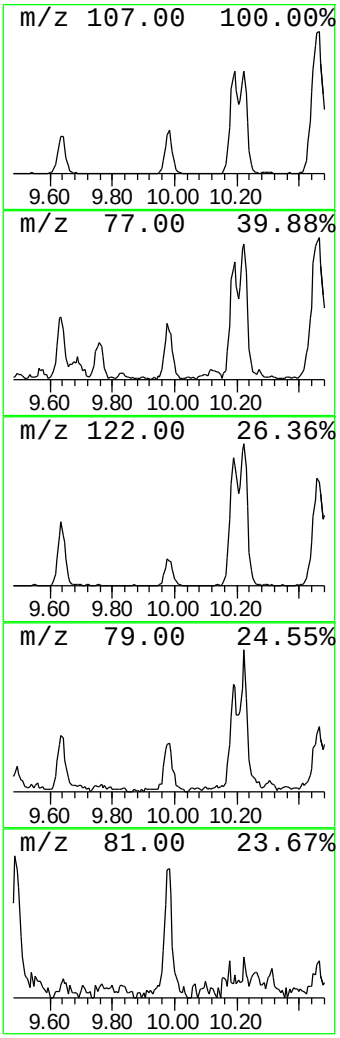
Peak Number 17 Phenol, 2-ethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	11.34 ng/ul	159984	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	81
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	76
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	74
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	68
5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	62





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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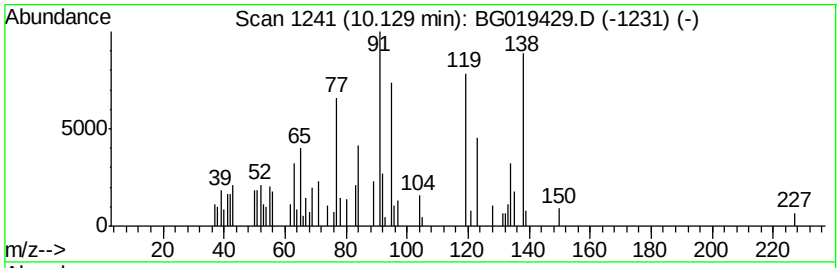
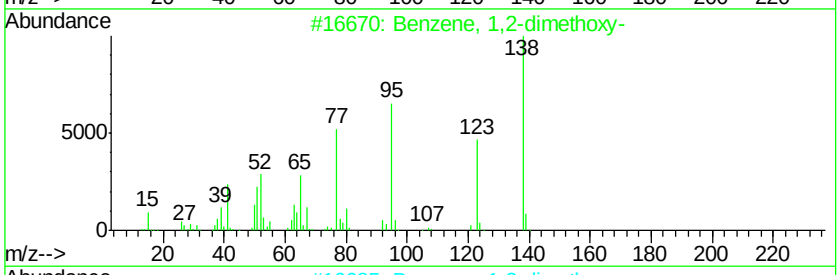
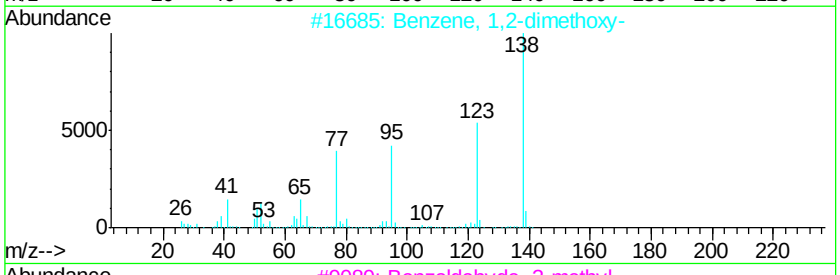
Peak Number 18 unknown-04 Concentration Rank 36

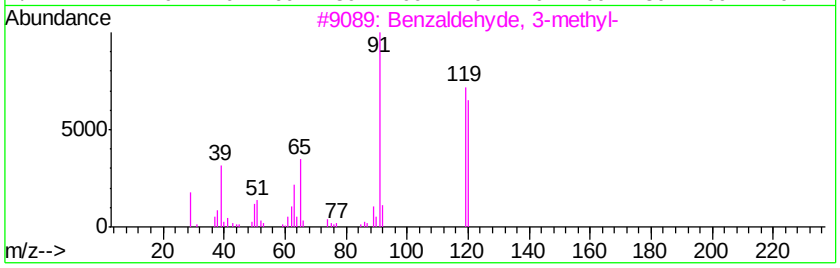
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	5.43 ng/ul	76630	Naphthalene-d8	11.03

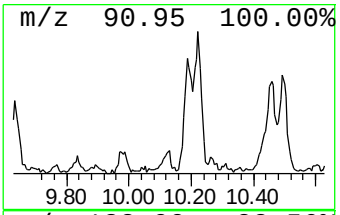
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dimethoxy-	138	C8H10O2	000091-16-7	46
2	Benzene, 1,2-dimethoxy-	138	C8H10O2	000091-16-7	46
3	Benzaldehyde, 3-methyl-	120	C8H8O	000620-23-5	35
4	2-Propenoic acid, 3-(2-furanyl)-	138	C7H6O3	000539-47-9	30
5	Benzamide, 4-methyl-	135	C8H9NO	000619-55-6	30

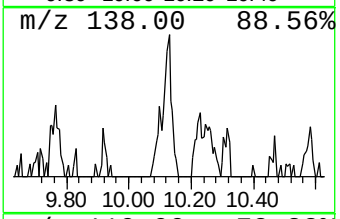


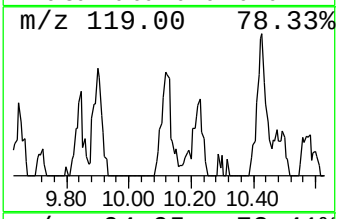


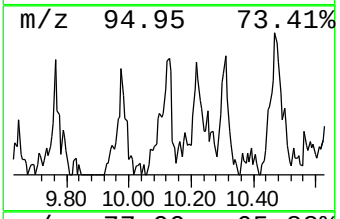


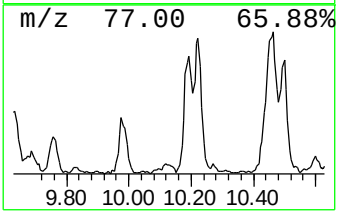












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Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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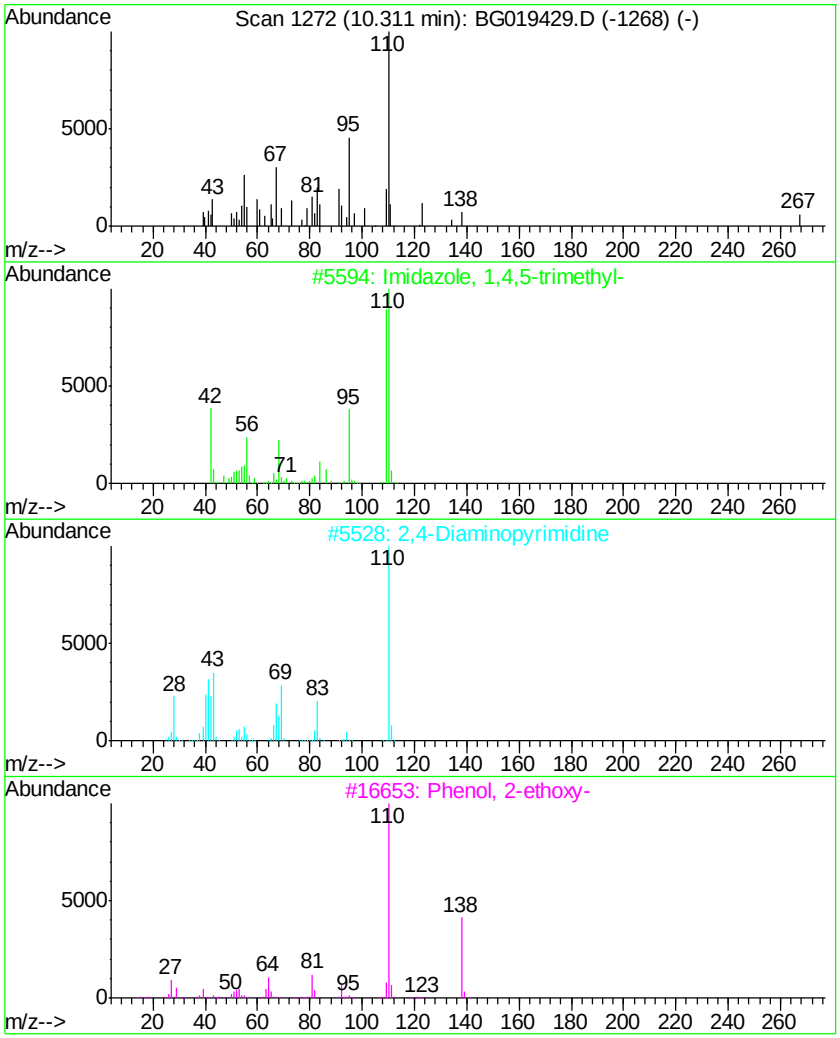
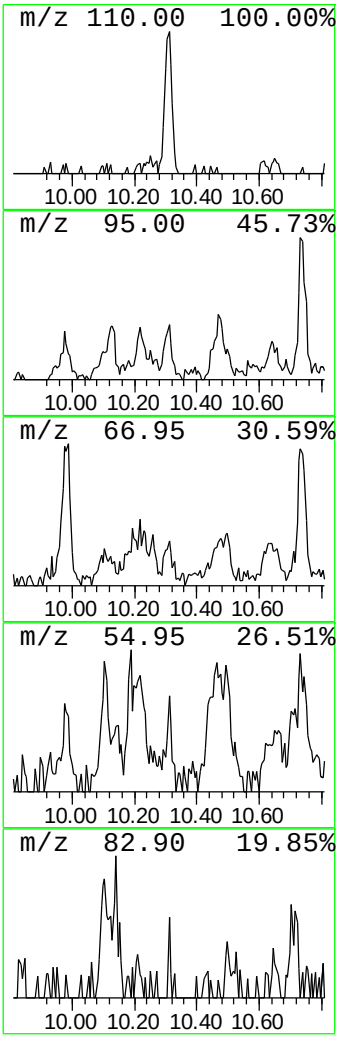
Peak Number 19 Imidazole, 1,4,5-trimethyl- Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	2.71 ng/ul	38270	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazole, 1,4,5-trimethyl-	110	C6H10N2	020185-22-2	50
2	2,4-Diaminopyrimidine	110	C4H6N4	000156-81-0	43
3	Phenol, 2-ethoxy-	138	C8H10O2	000094-71-3	43
4	Benzenethiol	110	C6H6S	000108-98-5	38
5	Benzenethiol	110	C6H6S	000108-98-5	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
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Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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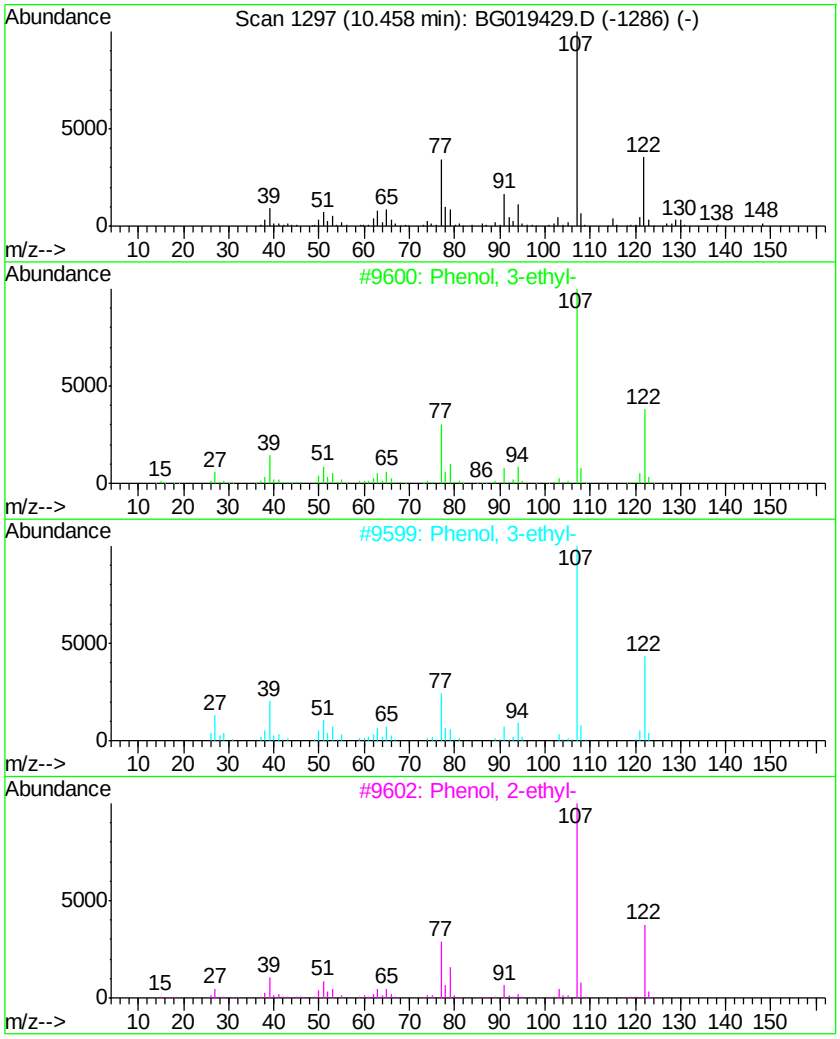
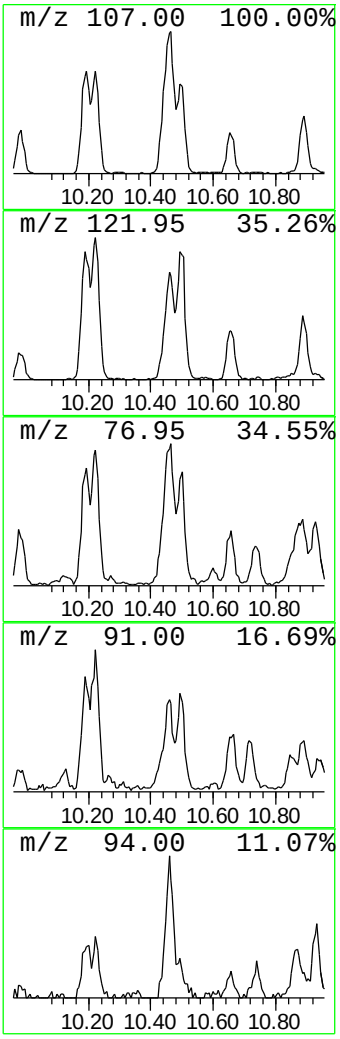
Peak Number 20 Phenol, 3-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	42.05 ng/ul	593204	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	94
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	87
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	80
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	80
5	Benzenemethanol, .alpha.-methyl-	122	C8H10O	000098-85-1	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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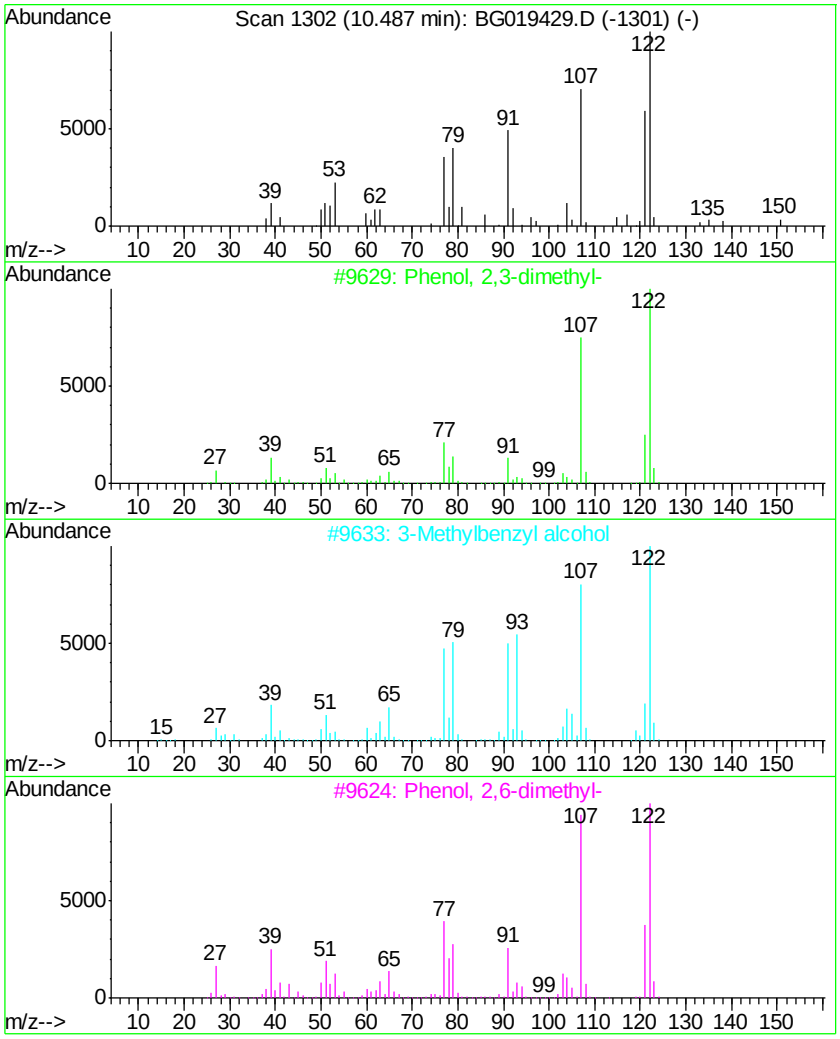
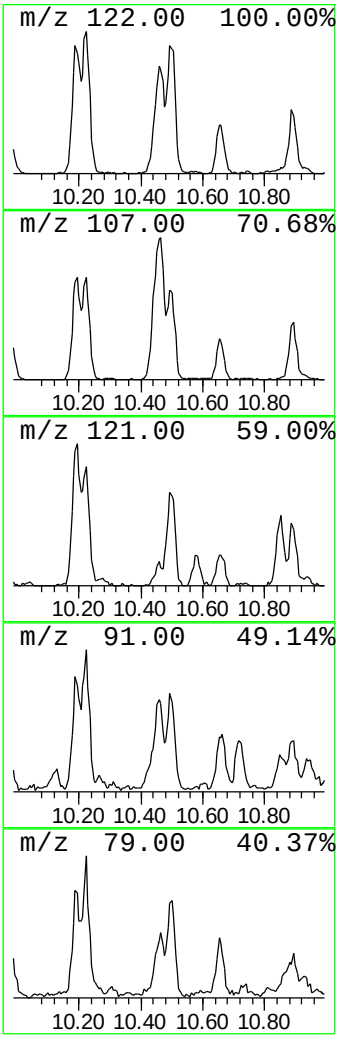
Peak Number 21 Phenol, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	20.45 ng/ul	288445	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	91
2	3-Methylbenzyl alcohol	122	C8H10O	000587-03-1	87
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	83
4	Benzene, 1-methoxy-4-methyl-	122	C8H10O	000104-93-8	81
5	Benzene, 1-methoxy-4-methyl-	122	C8H10O	000104-93-8	81





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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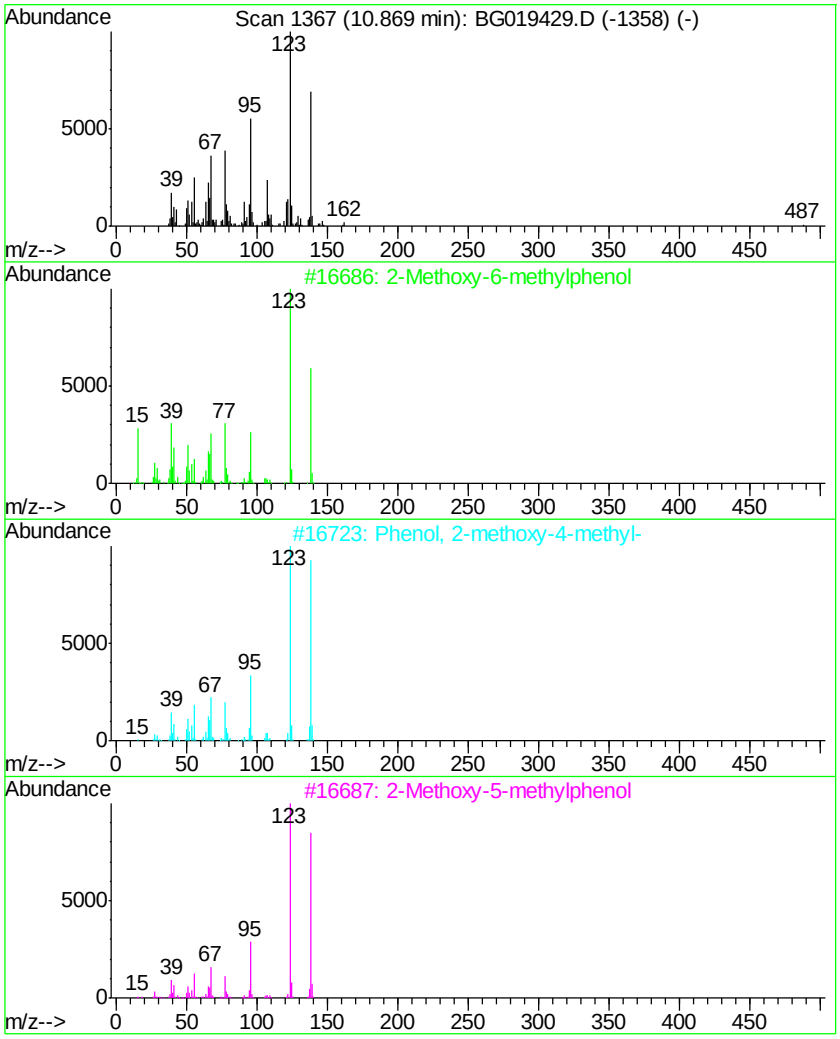
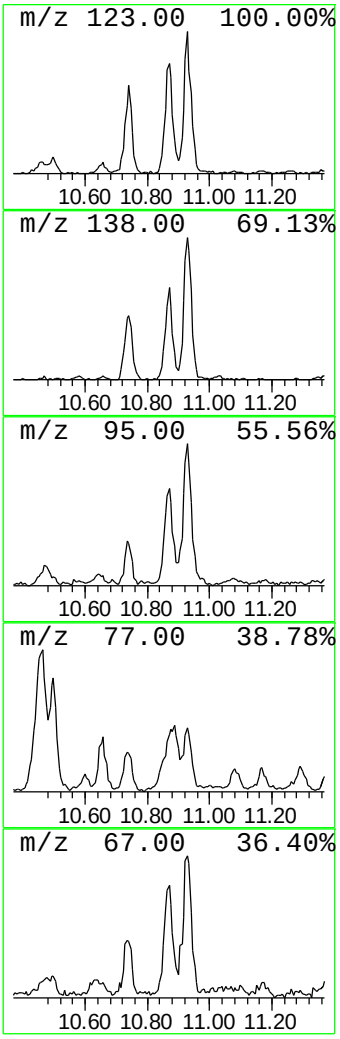
Peak Number 24 2-Methoxy-6-methylphenol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	34.17 ng/ul	482078	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxy-6-methylphenol	138	C8H10O2	002896-67-5	89
2	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	87
3	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	74
4	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	74
5	Phenol, 2-methoxy-3-methyl-	138	C8H10O2	018102-31-3	72





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Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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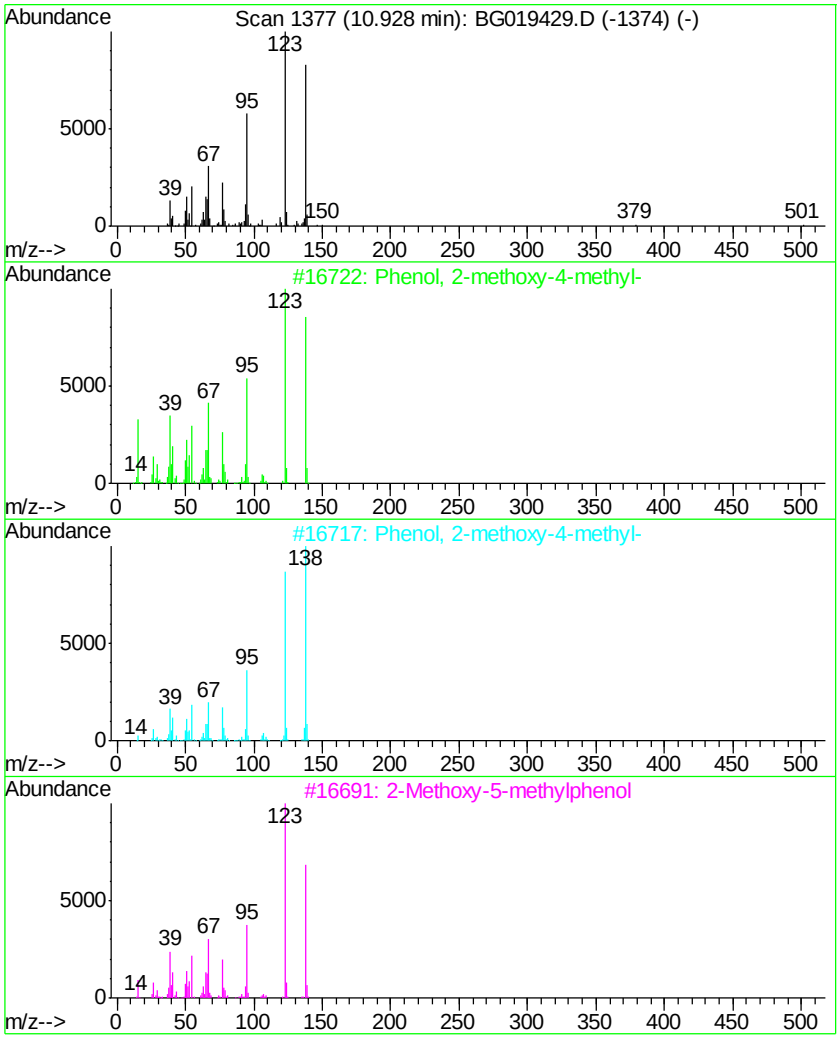
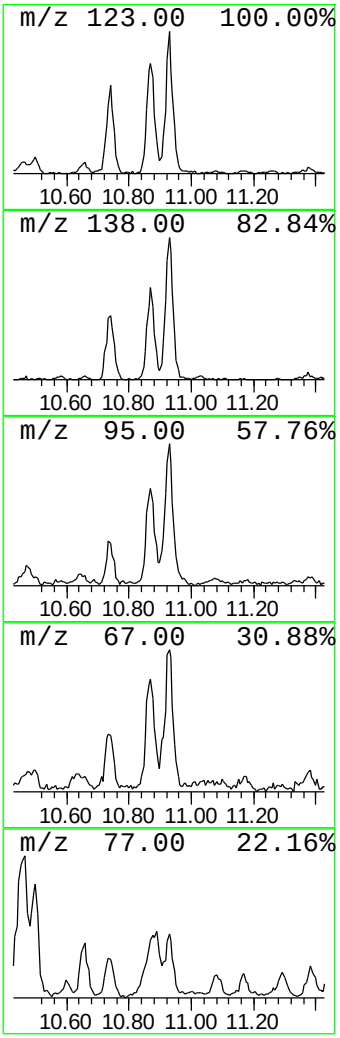
Peak Number 25 Phenol, 2-methoxy-4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	16.74 ng/ul	236157	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	95
2	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	94
3	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	90
4	2-Methoxy-6-methylphenol	138	C8H10O2	002896-67-5	72
5	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	72





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Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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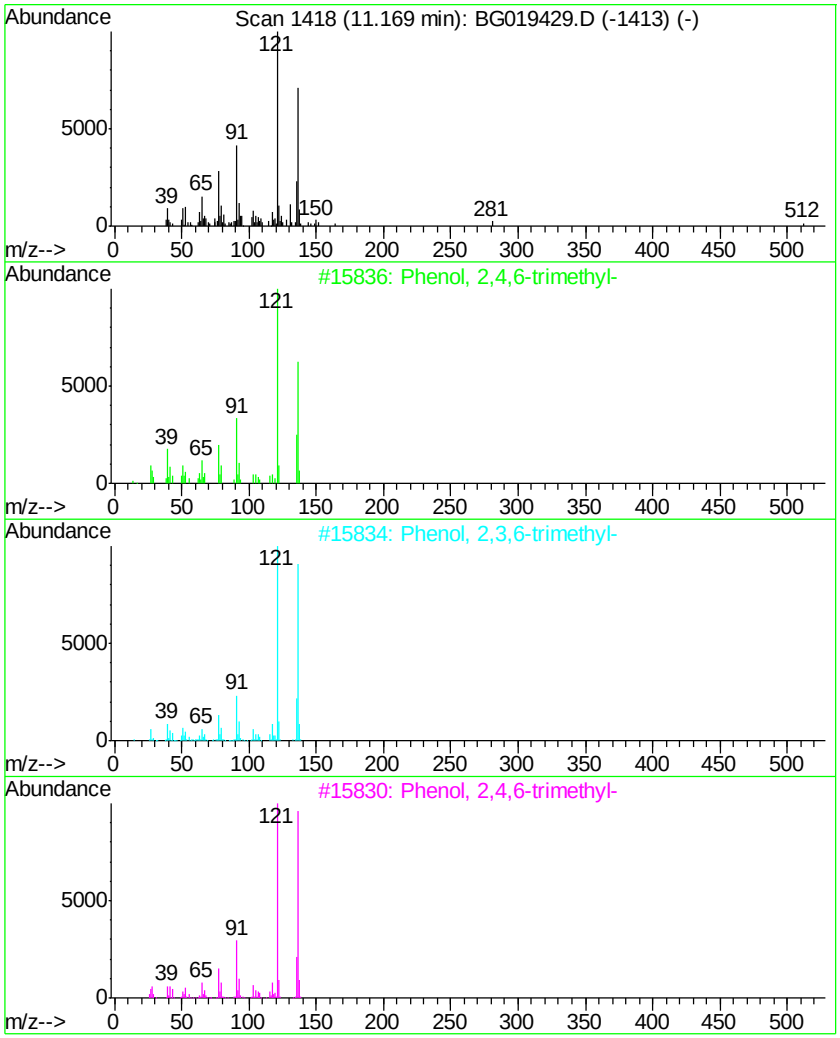
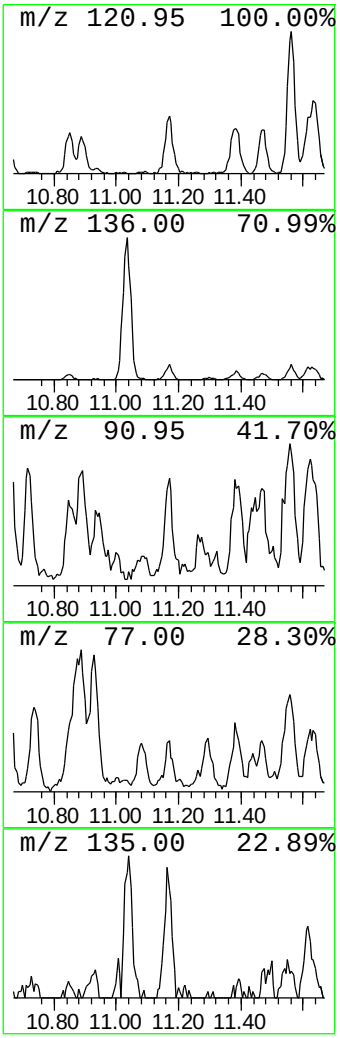
Peak Number 26 Phenol, 2,4,6-trimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	6.61 ng/ul	93309	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	94
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	94
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	94
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	93
5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	93





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Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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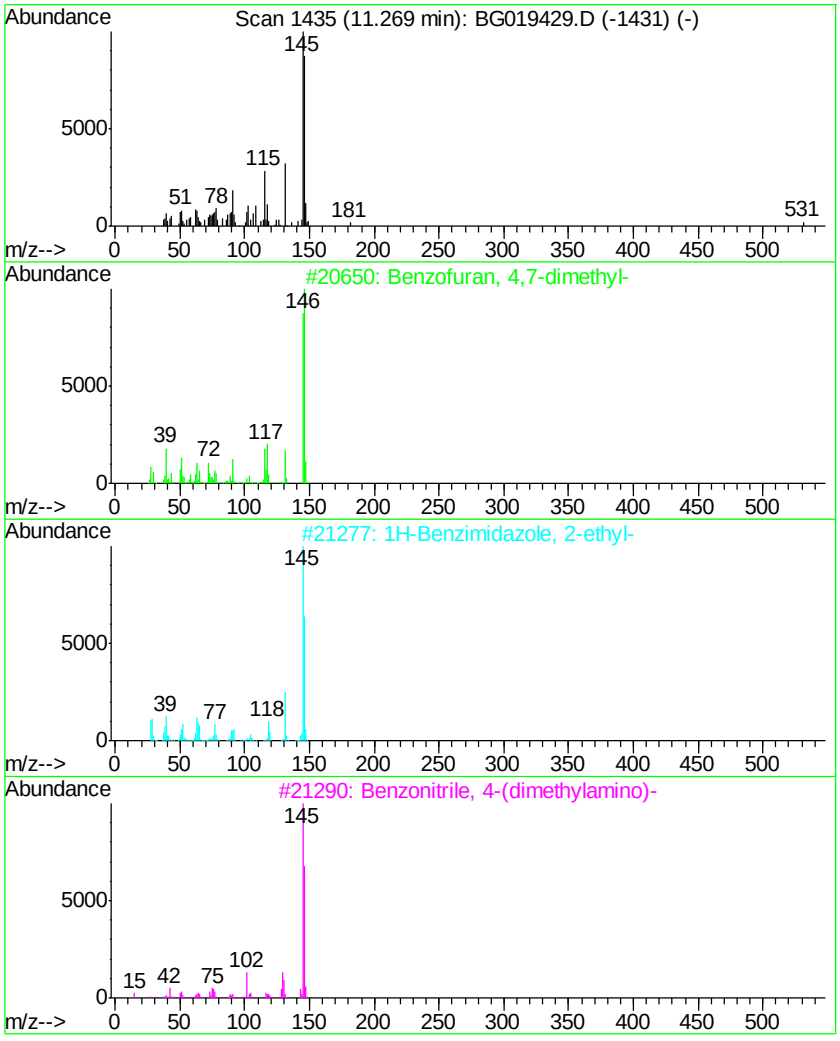
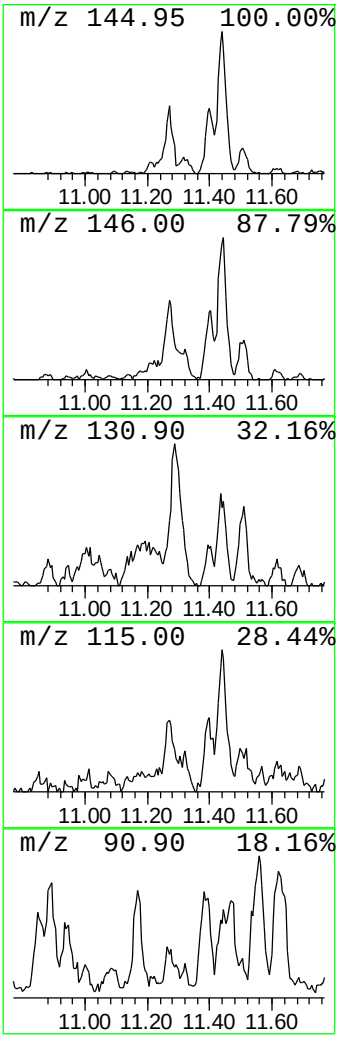
Peak Number 27 Benzofuran, 4,7-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	10.47 ng/ul	147780	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	90
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	47





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Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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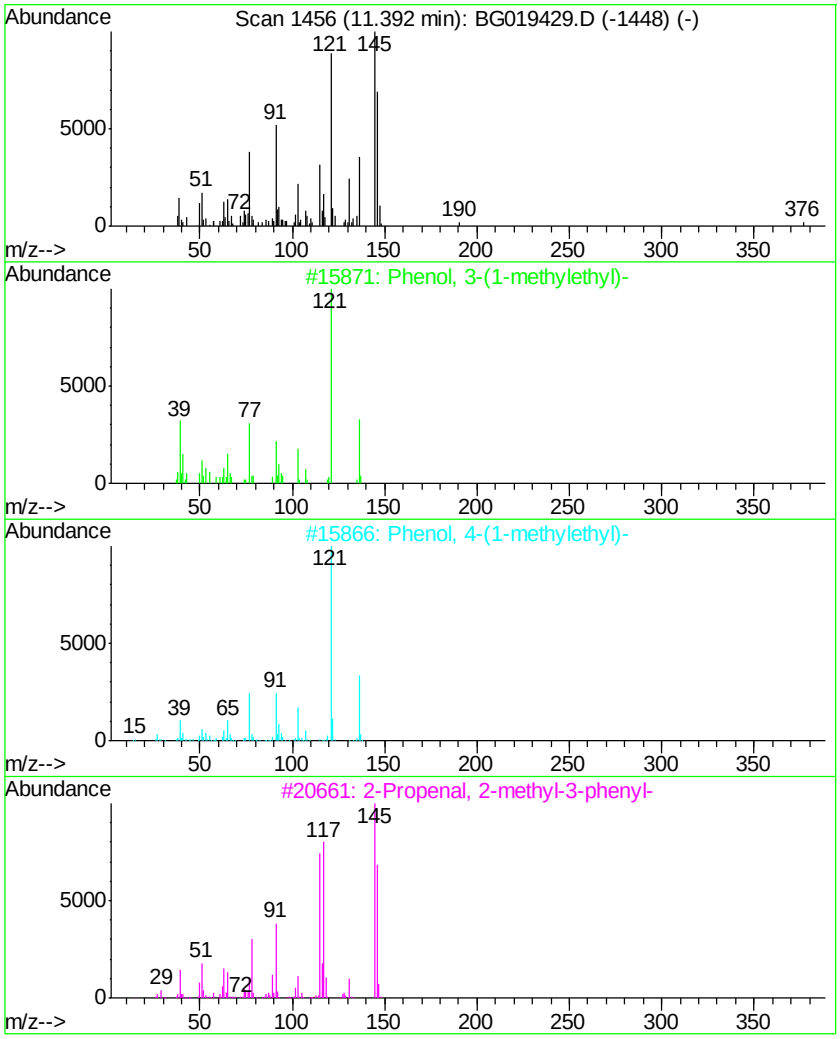
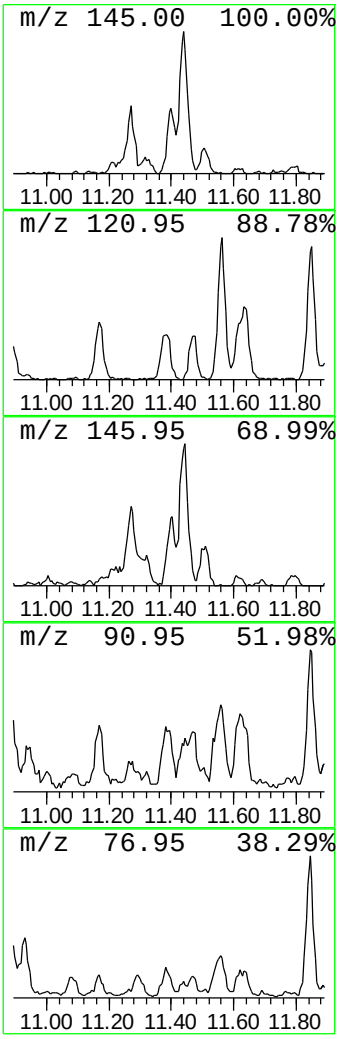
Peak Number 28 unknown-05 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	11.42 ng/ul	161169	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	45
2	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	38
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	38
4	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	38
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	38





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Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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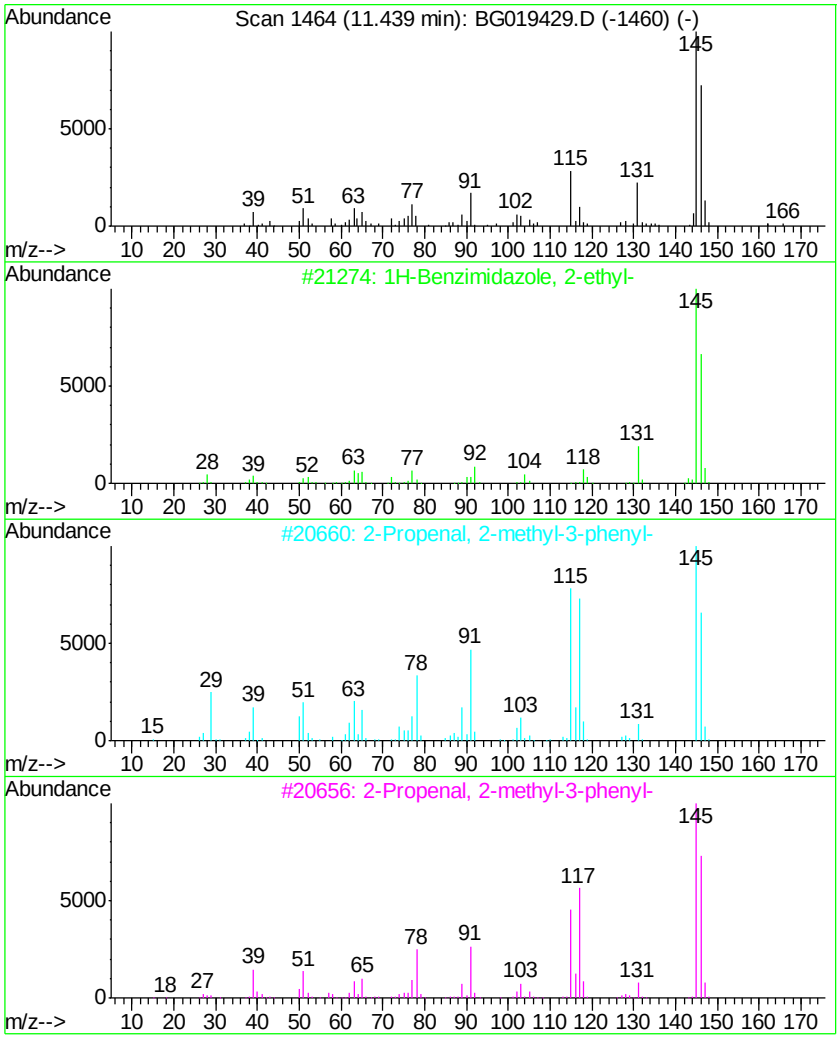
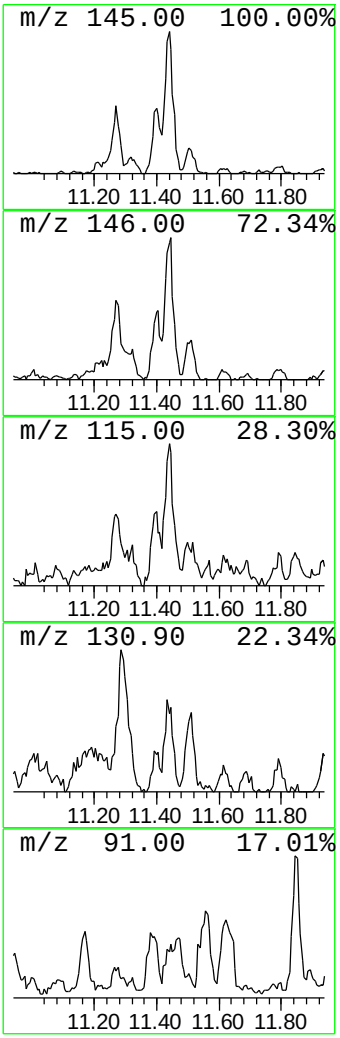
Peak Number 29 1H-Benzimidazole, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	15.08 ng/ul	212816	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	59
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	58
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	50
5	2-Quinazolinamine	145	C8H7N3	001687-51-0	46





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Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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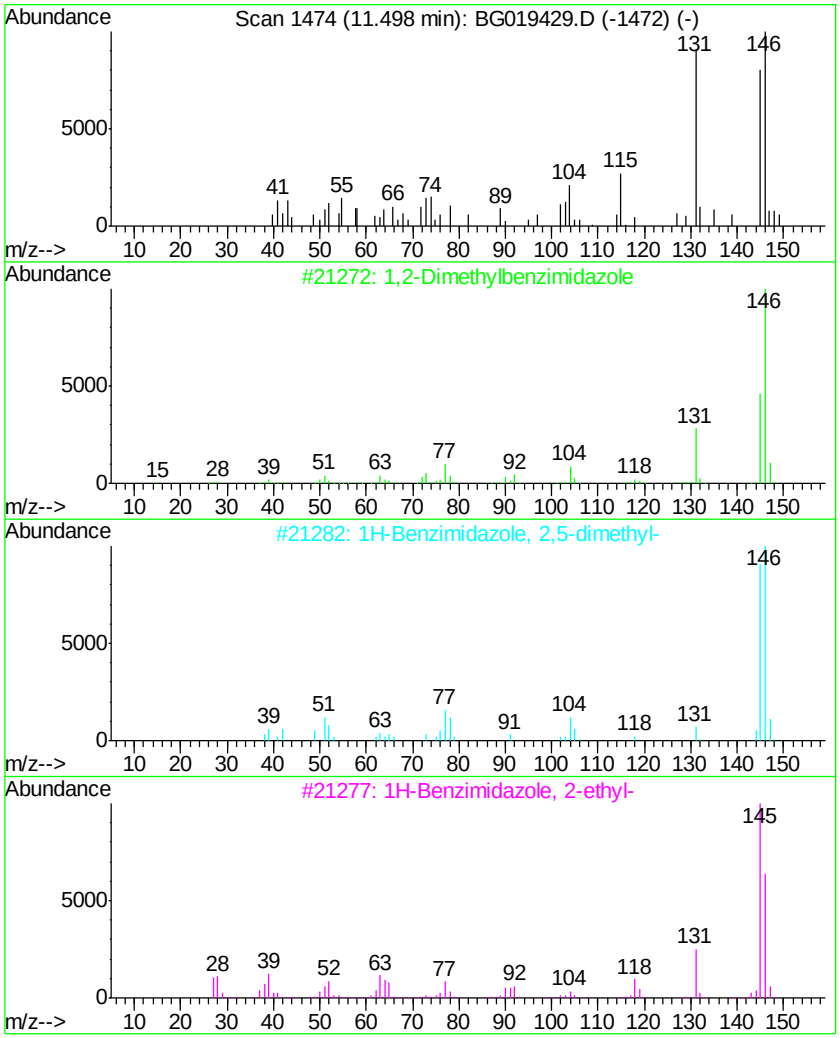
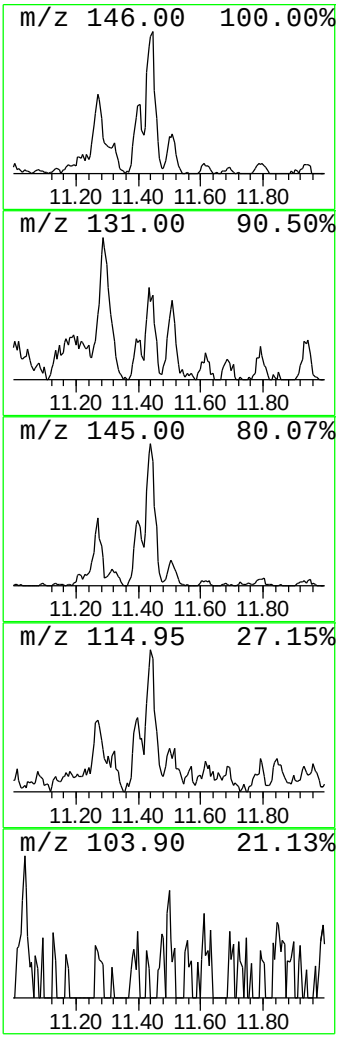
Peak Number 30 1,2-Dimethylbenzimidazole Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	3.18 ng/ul	44883	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dimethylbenzimidazole	146	C9H10N2	002876-08-6	50
2	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	49
3	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	49
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	47
5	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	46





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

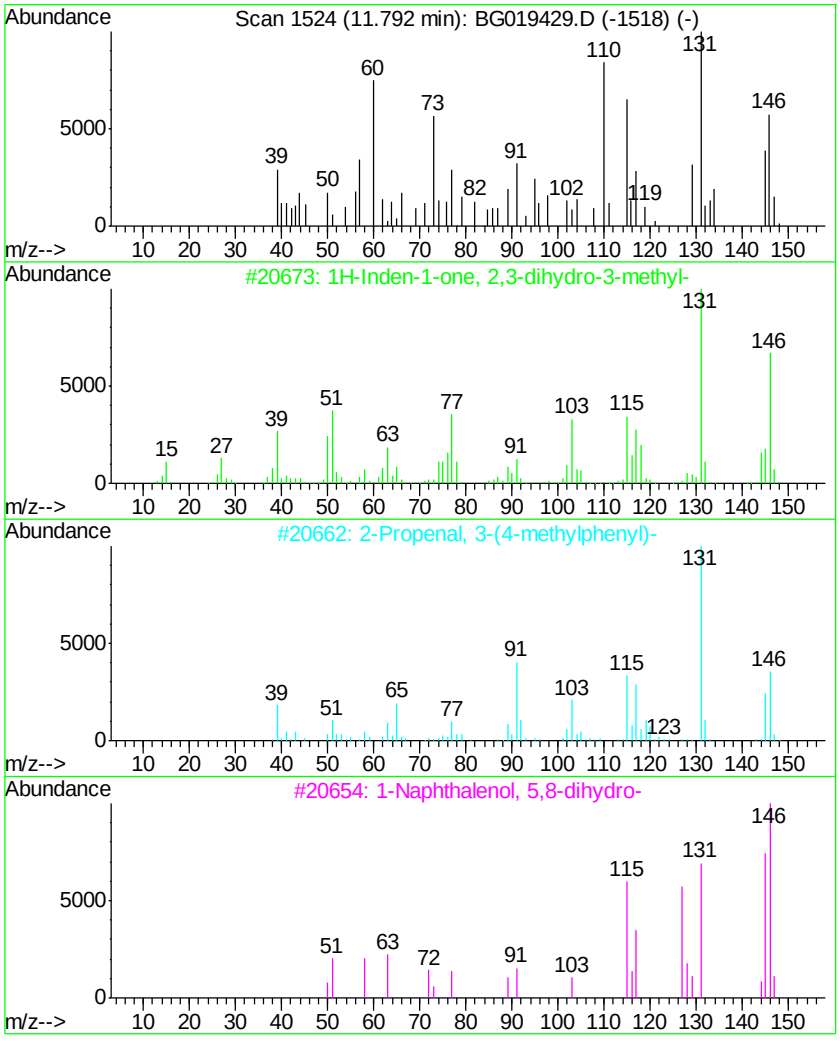
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

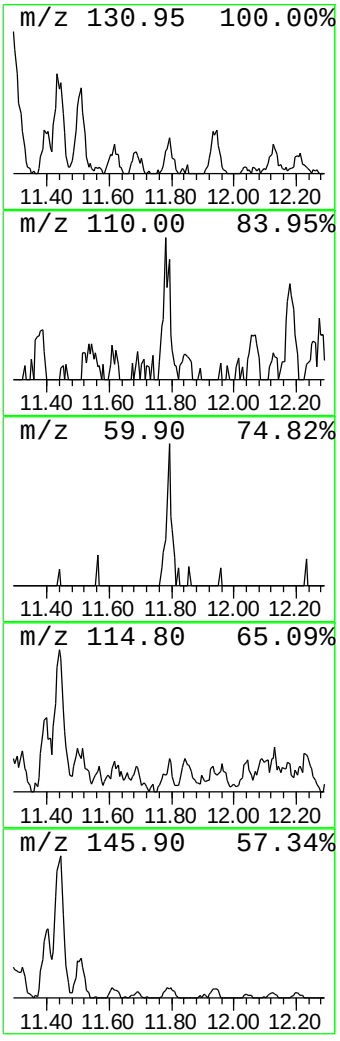
****

Peak Number 33 unknown-06 Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.14 ng/ul	30127	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	38
2	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	27
3	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	27
4	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	25
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

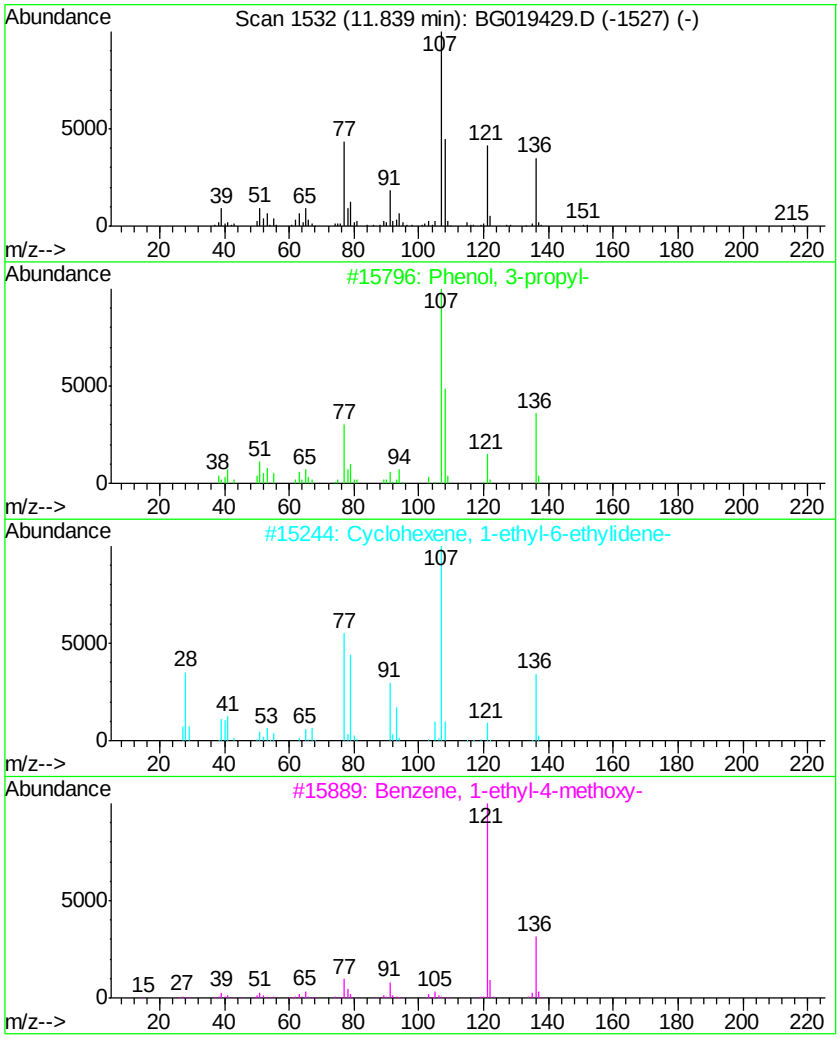
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

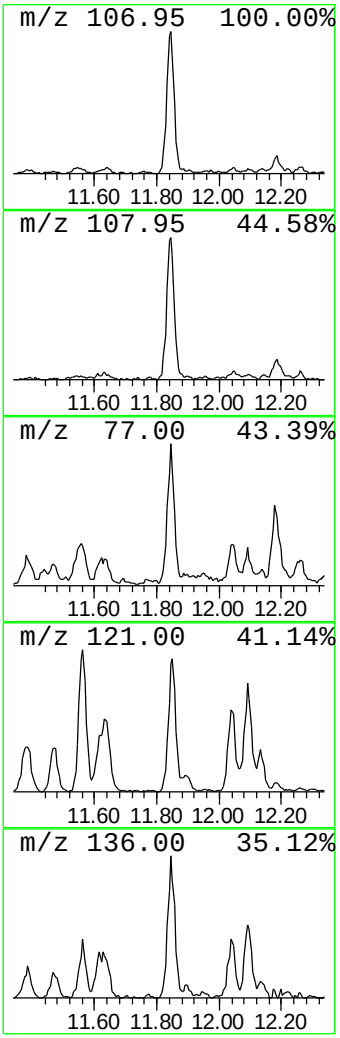
****

Peak Number 34 Phenol, 3-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	26.71 ng/ul	376855	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-propyl-	136	C9H12O	000621-27-2	80
2	Cyclohexene, 1-ethyl-6-ethylidene-	136	C10H16	061141-57-9	64
3	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	42
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	35
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

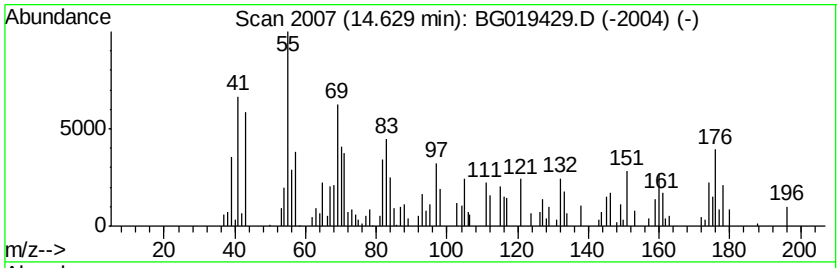
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

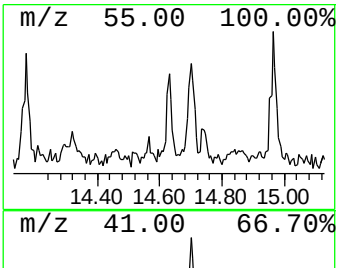
****

Peak Number 52 (DEL) Alkane: Cyclic14.63 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	2.45 ng/ul	63219	Acenaphthene-d10	14.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Tetradecene, (E)-	196	C14H28	041446-66-6	44
2	7-Tetradecene	196	C14H28	010374-74-0	40
3	5-Tetradecene, (Z)-	196	C14H28	041446-62-2	35
4	4-Tetradecene, (E)-	196	C14H28	041446-78-0	25
5	4-Tetradecene, (Z)-	196	C14H28	041446-65-5	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

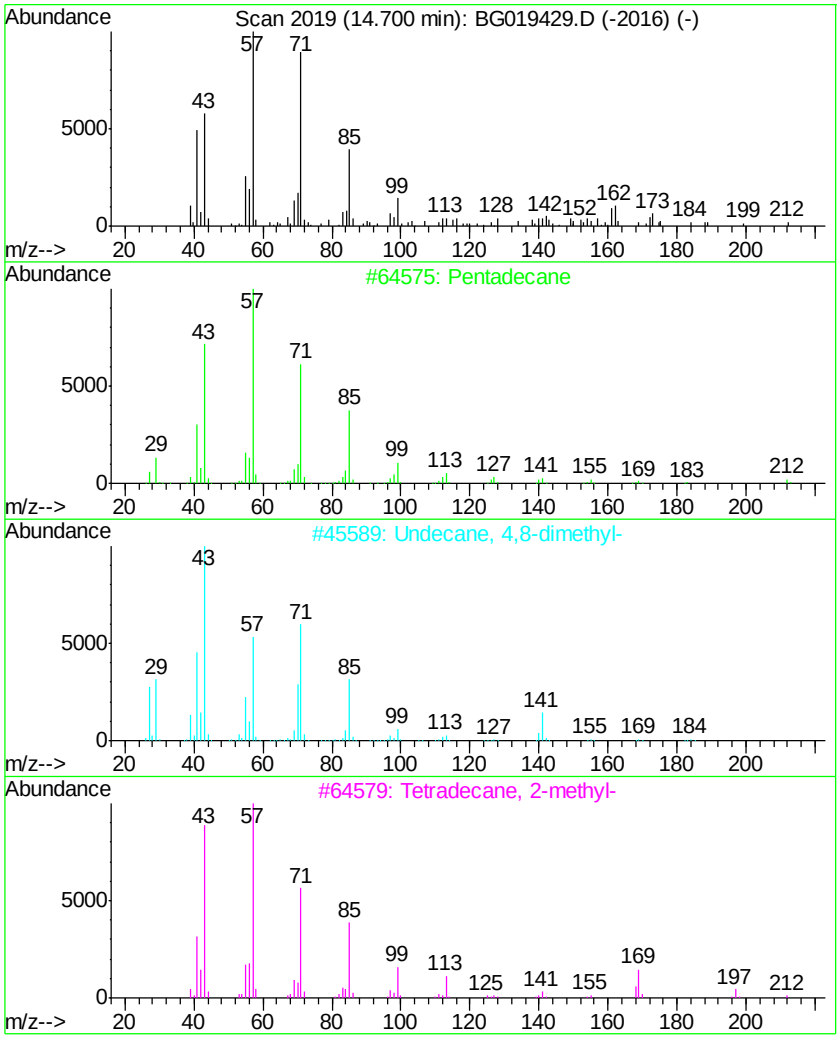
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

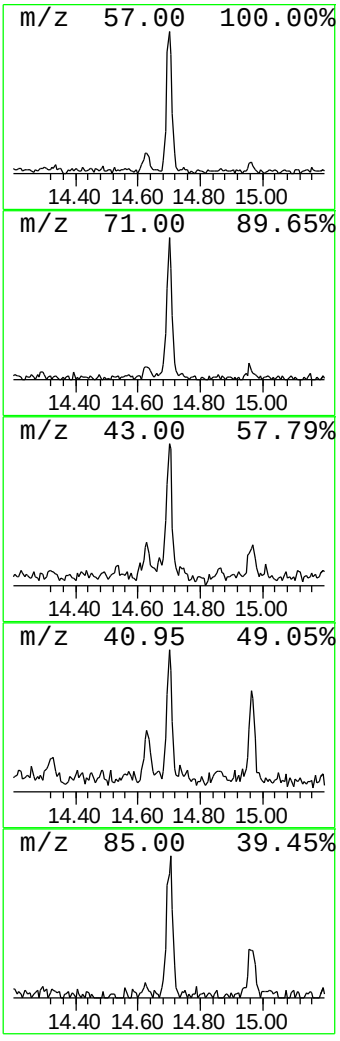
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	3.80 ng/ul	97862	Acenaphthene-d10	14.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	87
2	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	72
3	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	64
4	Pentadecane	212	C15H32	000629-62-9	60
5	Tridecane	184	C13H28	000629-50-5	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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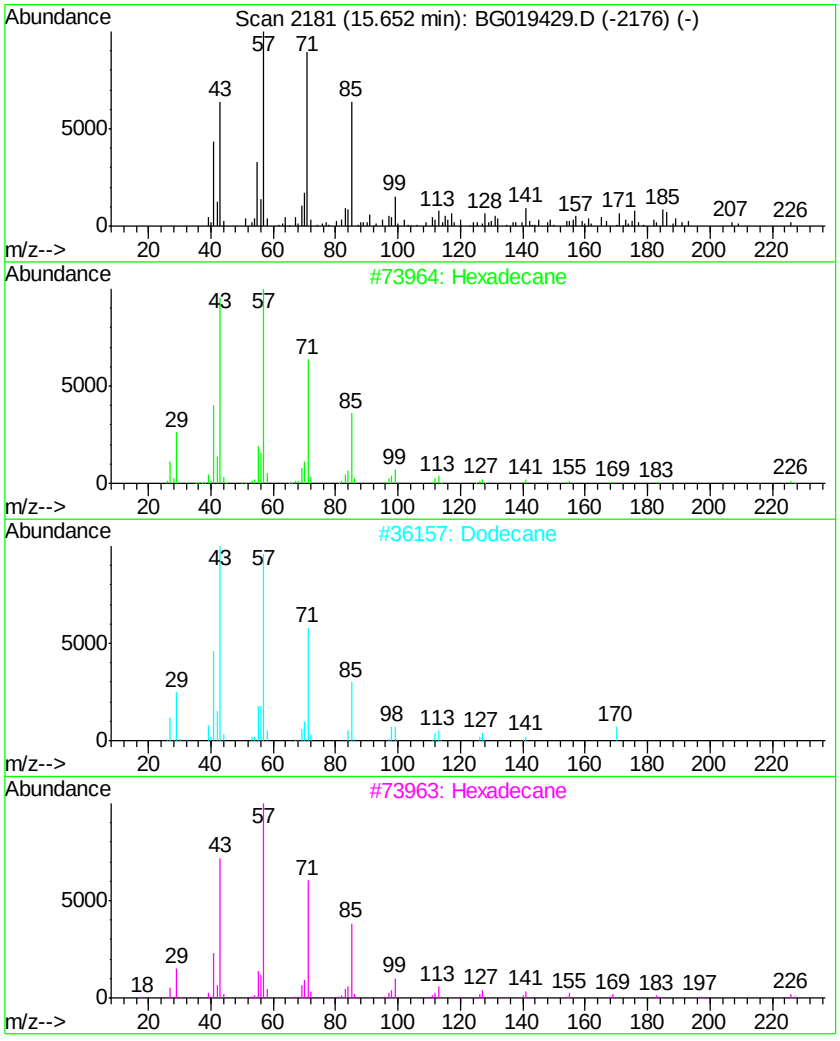
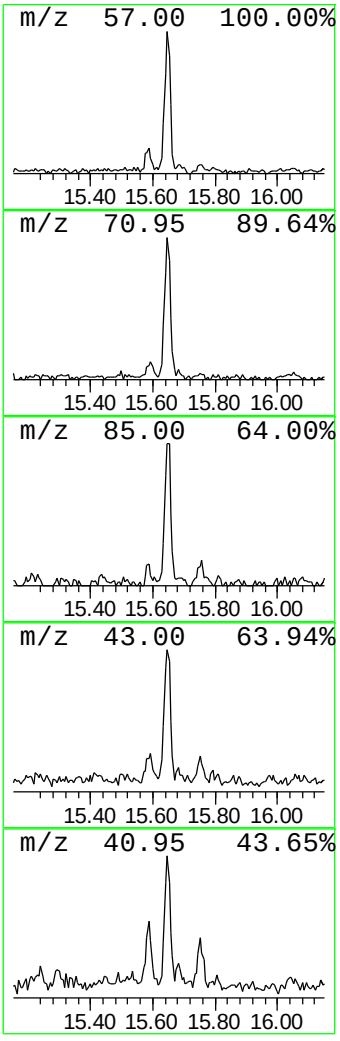
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	4.38 ng/ul	112987	Acenaphthene-d10	14.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Dodecane	170	C12H26	000112-40-3	87
3	Hexadecane	226	C16H34	000544-76-3	87
4	Dodecane	170	C12H26	000112-40-3	83
5	Hexadecane	226	C16H34	000544-76-3	81





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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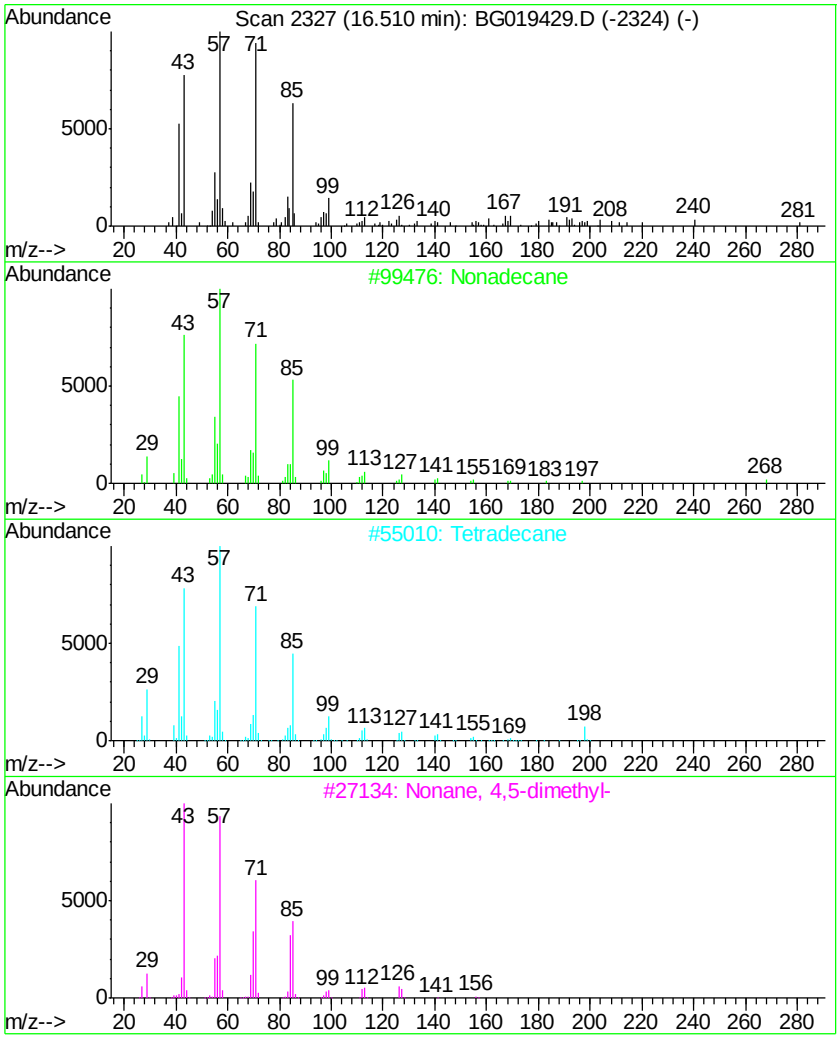
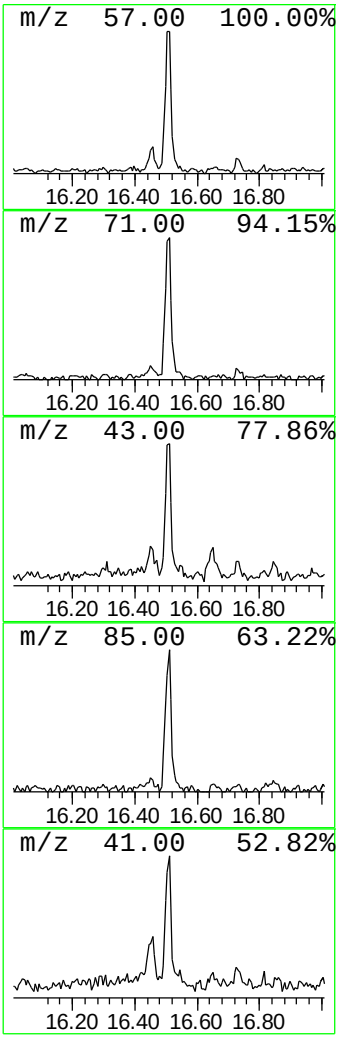
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	2.17 ng/ul	72321	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	78
2	Tetradecane	198	C14H30	000629-59-4	72
3	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	64
4	Heptadecane	240	C17H36	000629-78-7	62
5	Heptadecane	240	C17H36	000629-78-7	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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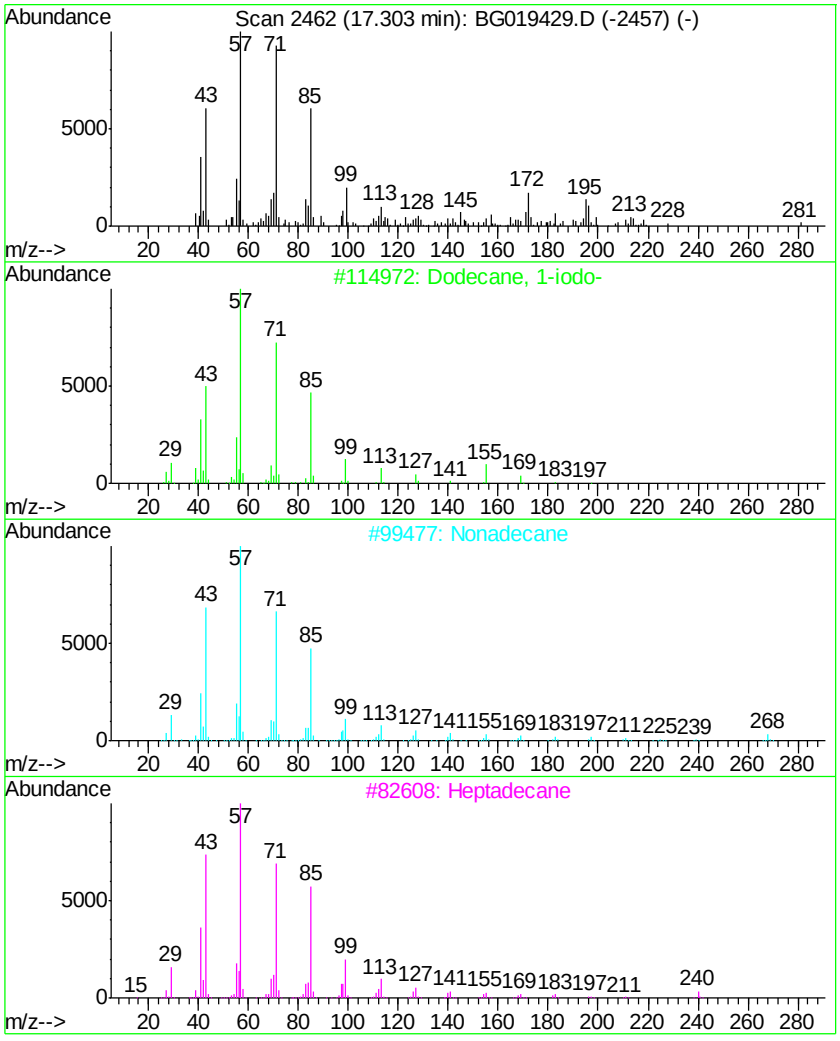
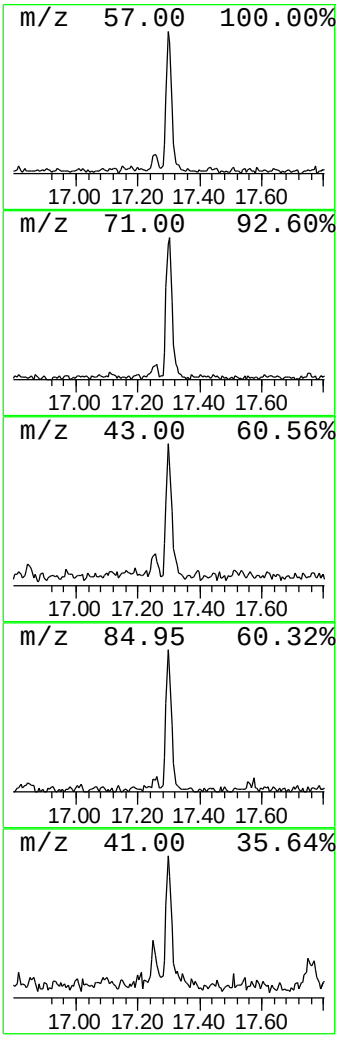
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	5.00 ng/ul	166866	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	74
2	Nonadecane	268	C19H40	000629-92-5	74
3	Heptadecane	240	C17H36	000629-78-7	64
4	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	62
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

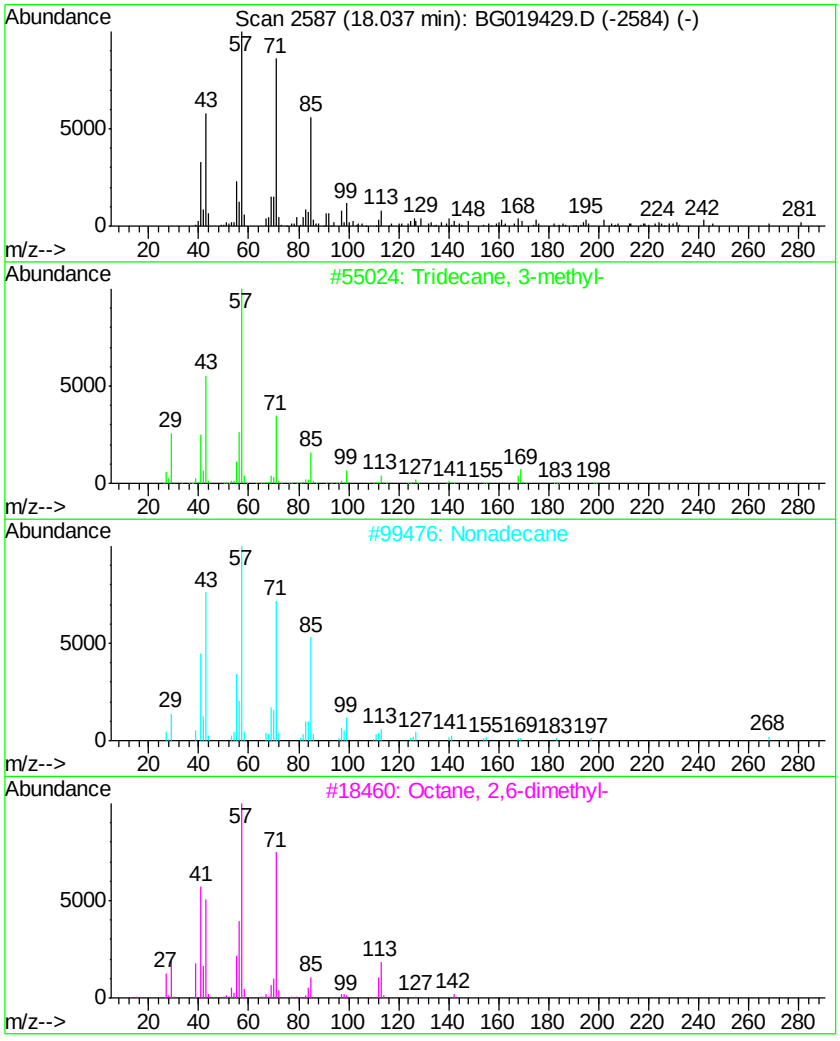
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

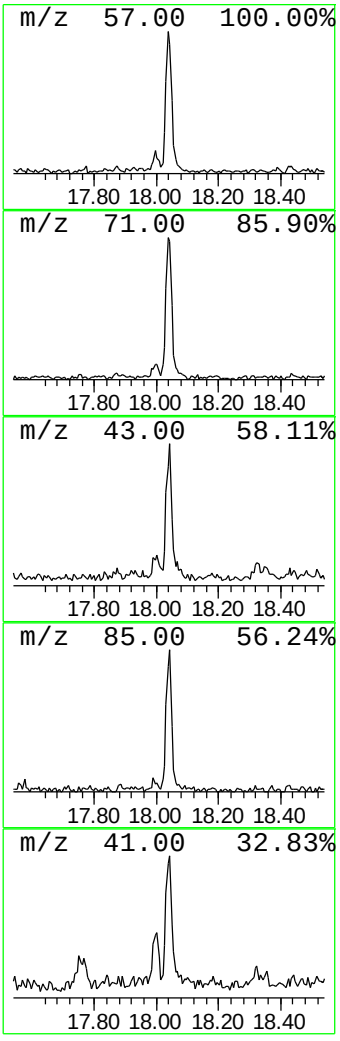
****

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	4.88 ng/ul	163014	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
2	Nonadecane	268	C19H40	000629-92-5	64
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	52
4	Eicosane	282	C20H42	000112-95-8	50
5	Tetradecane	198	C14H30	000629-59-4	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

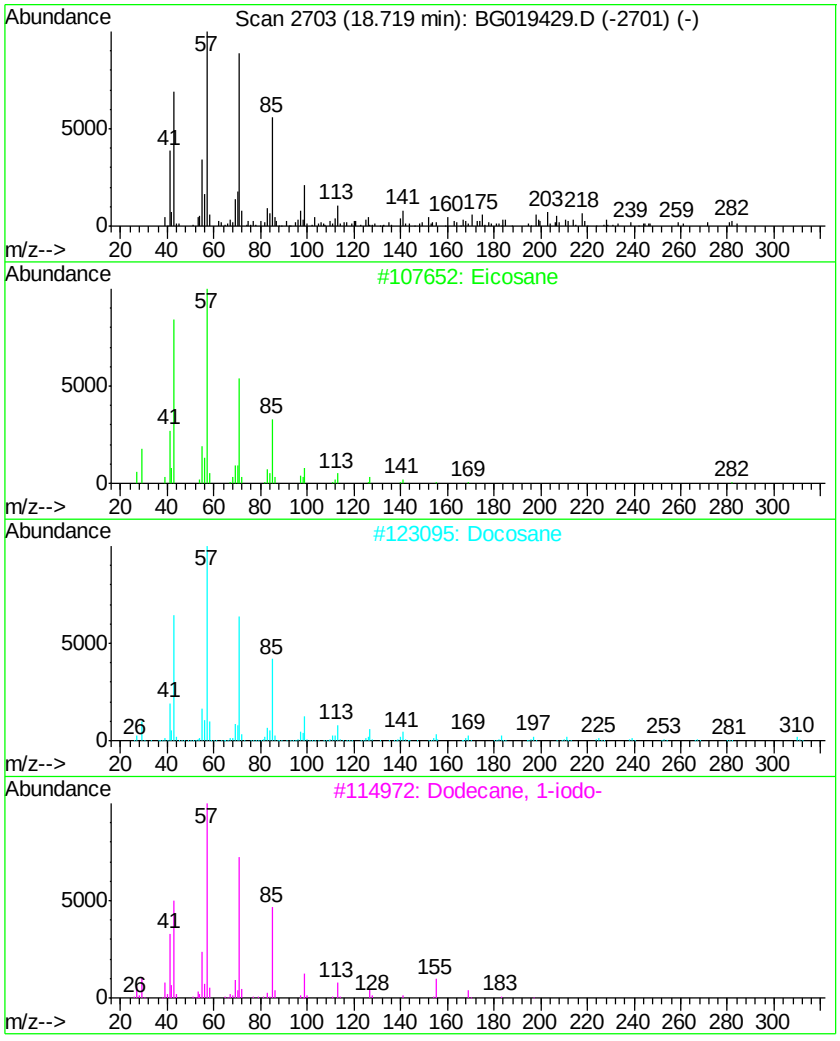
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

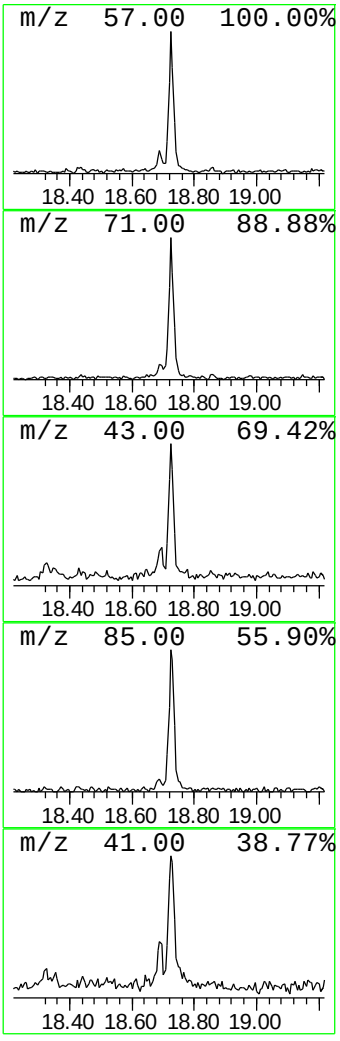
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	3.74 ng/ul	124742	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Docosane	310	C22H46	000629-97-0	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
5	Dodecane	170	C12H26	000112-40-3	86





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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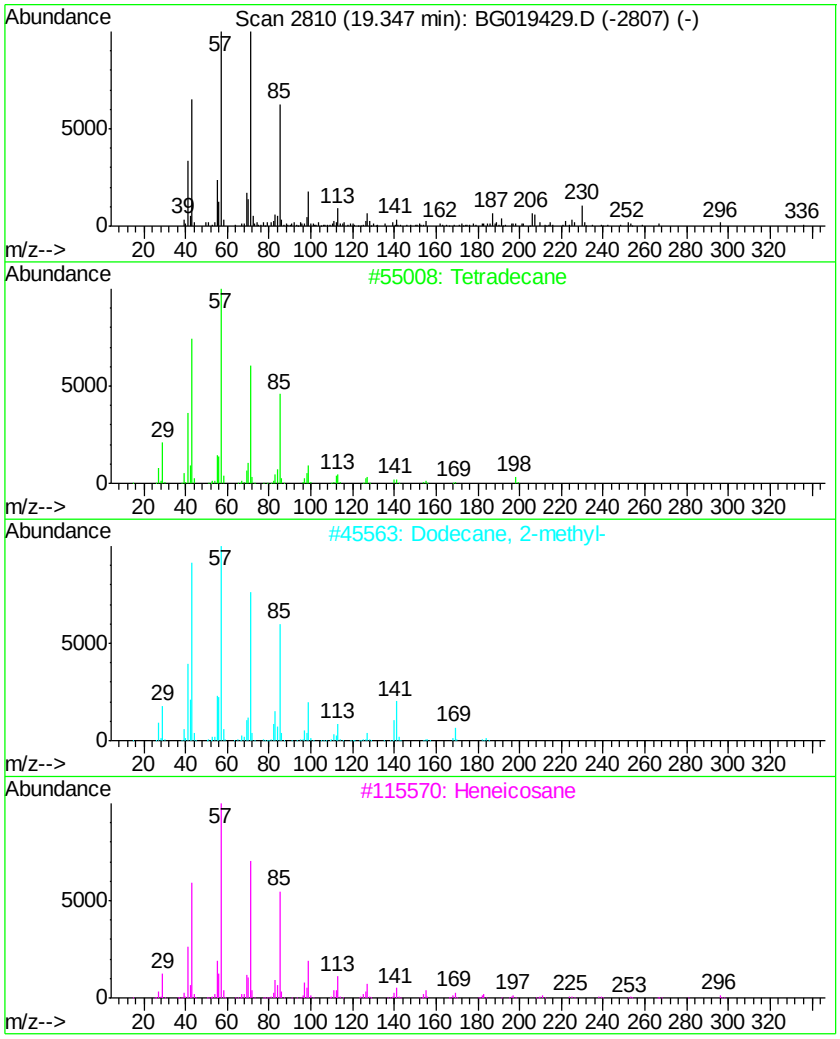
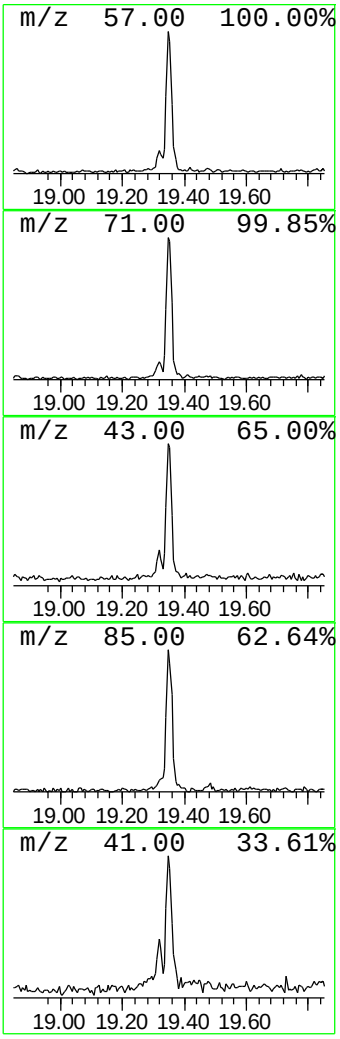
Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	4.82 ng/ul	160955	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
3	Heneicosane	296	C21H44	000629-94-7	78
4	Hexadecane	226	C16H34	000544-76-3	72
5	Hexadecane	226	C16H34	000544-76-3	70





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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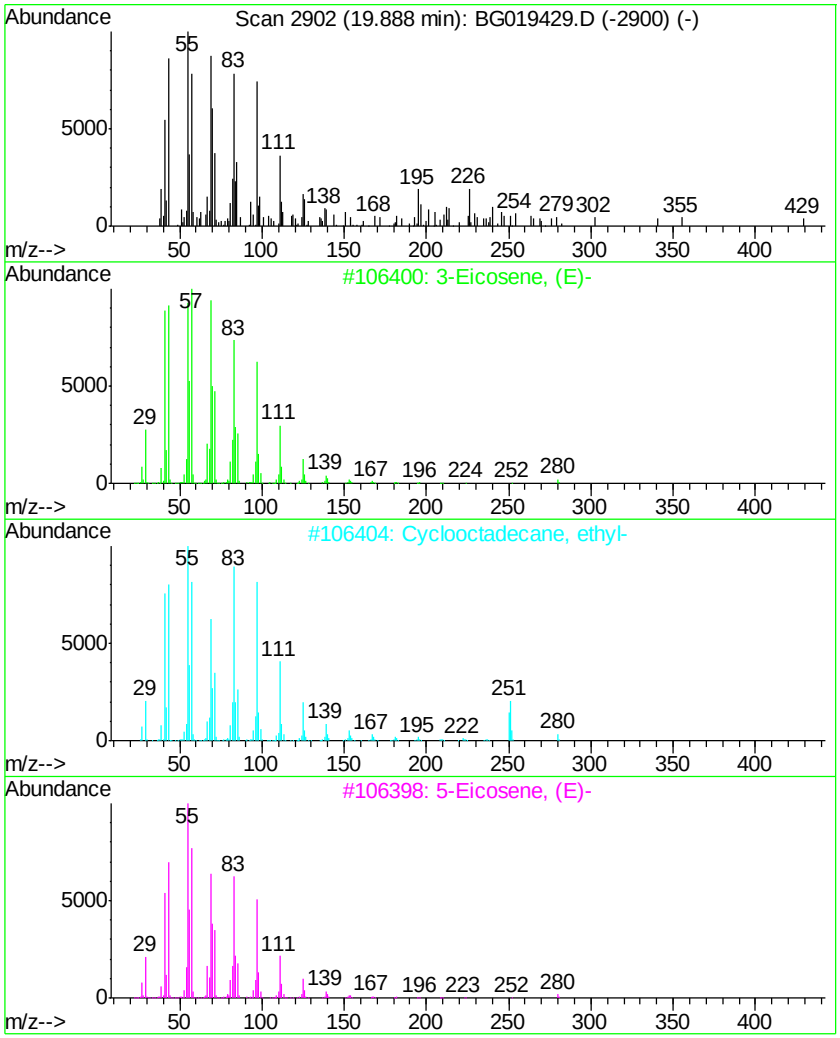
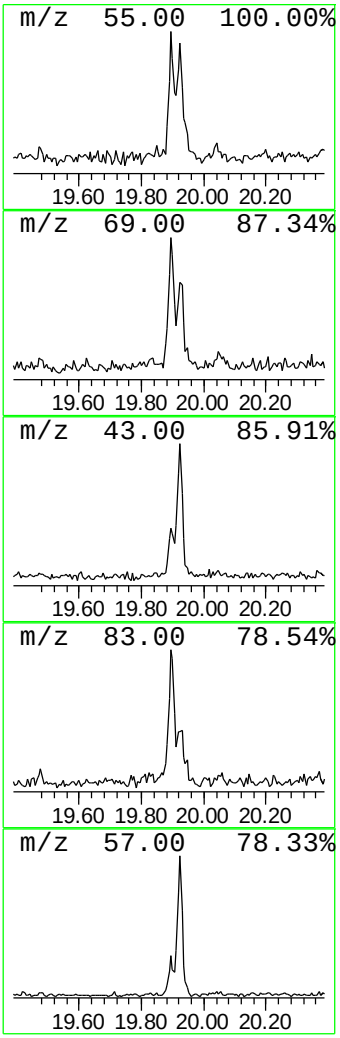
Peak Number 69 (DEL) Alkane: Cyclic19.89 Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	2.04 ng/ul	84230	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	86
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	83
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	81
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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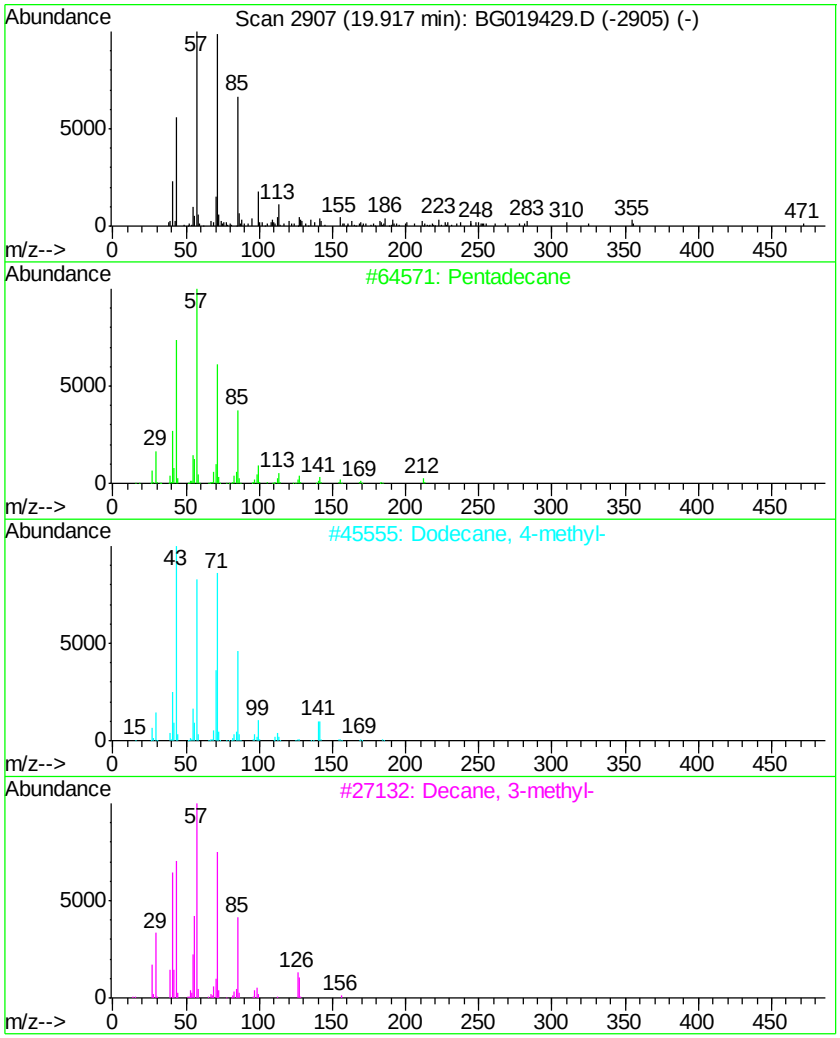
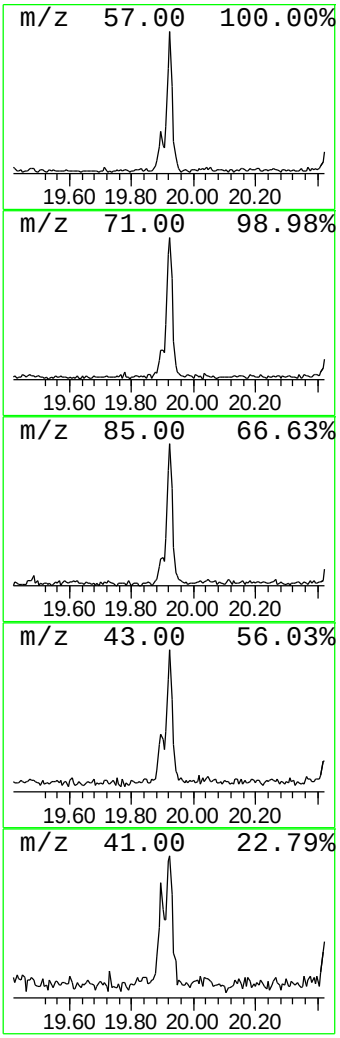
Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	3.80 ng/ul	157273	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	86
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	86
3	Decane, 3-methyl-	156	C11H24	013151-34-3	72
4	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	64
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

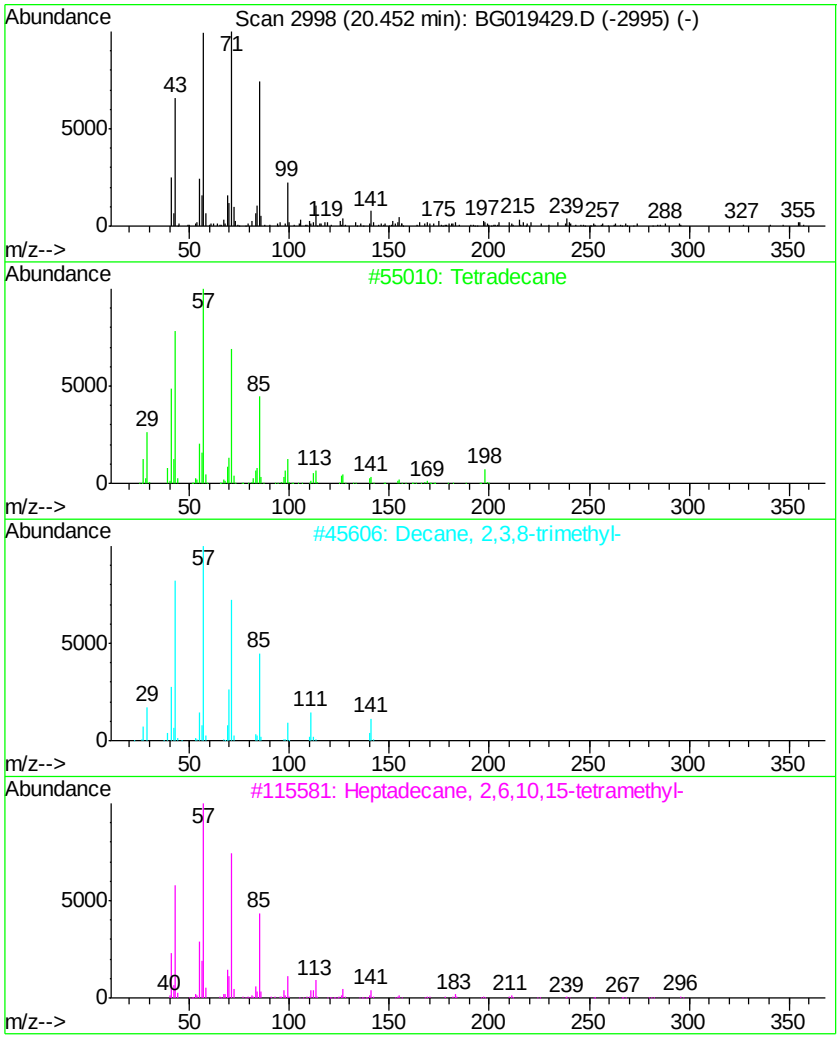
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

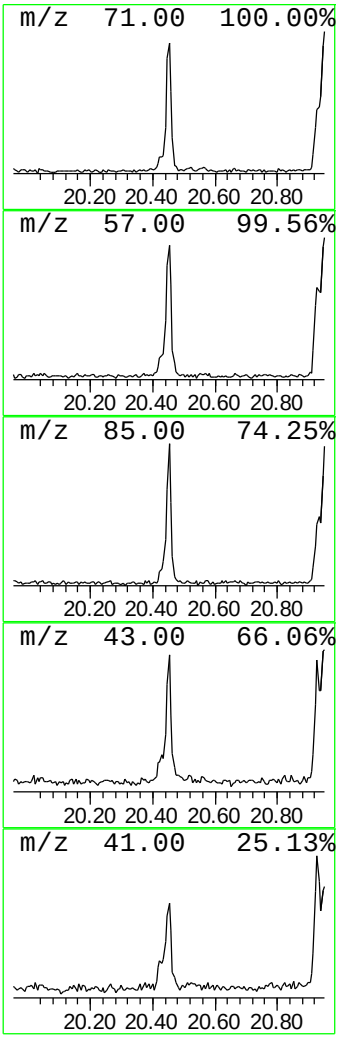
****

Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	4.10 ng/ul	169497	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	64
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	62
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	58
5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

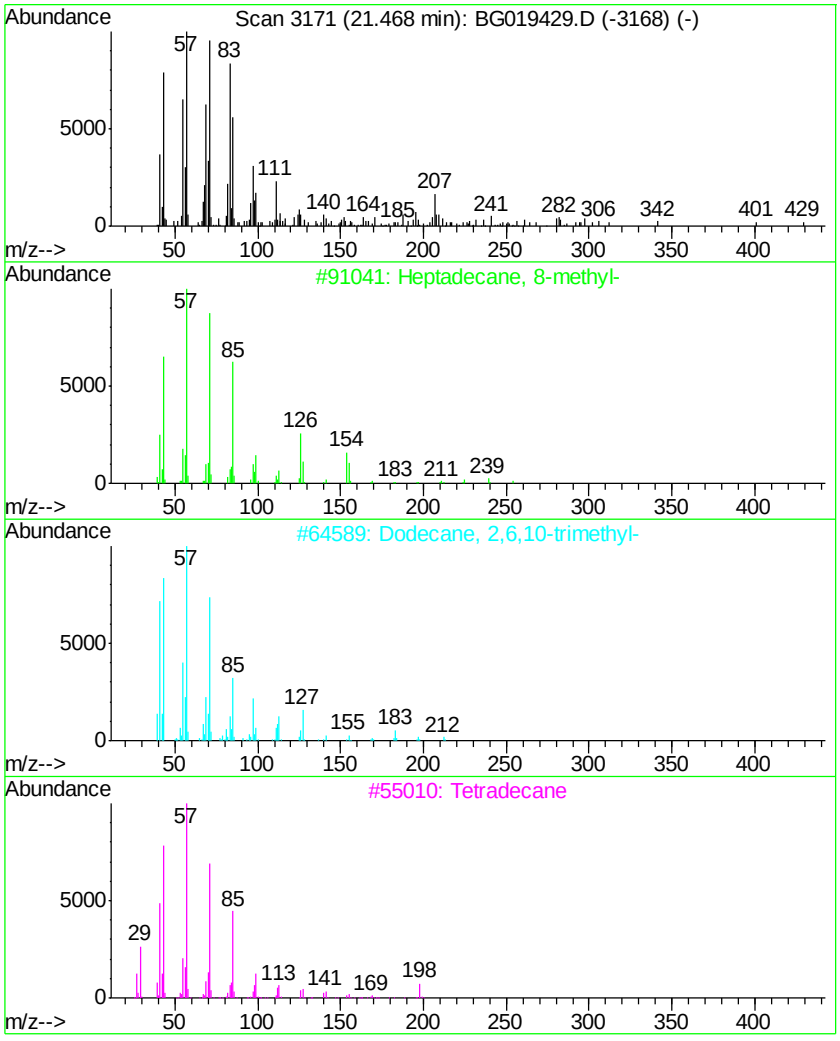
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

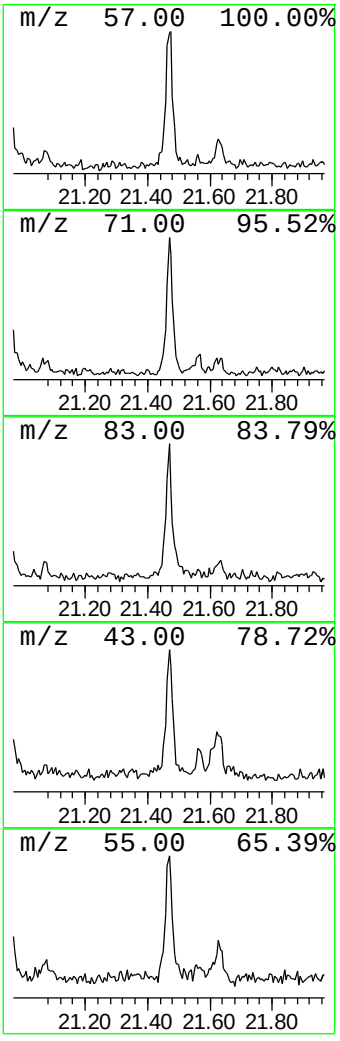
****

Peak Number 73 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	3.33 ng/ul	137503	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	50
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	49
3	Tetradecane	198	C14H30	000629-59-4	46
4	Eicosane	282	C20H42	000112-95-8	43
5	Pentadecane	212	C15H32	000629-62-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.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
unknown-01	3.24	2.1	ng/ul	28074	1	8.20	265530	20.0
Cyclopentanone, 2...	6.91	3.2	ng/ul	42341	1	8.20	265530	20.0
unknown-02	7.58	2.5	ng/ul	32775	1	8.20	265530	20.0
Benzene, 1-ethyl-...	7.84	4.1	ng/ul	54829	1	8.20	265530	20.0
2-Norbornanone	8.48	6.5	ng/ul	86626	1	8.20	265530	20.0
Benzene, 2-propenyl-	8.58	2.5	ng/ul	32477	1	8.20	265530	20.0
Benzene, 1-propynyl-	8.75	3.1	ng/ul	40890	1	8.20	265530	20.0
Cyclopent-2-ene-1...	8.85	7.6	ng/ul	101026	1	8.20	265530	20.0
Mequinol	9.31	26.0	ng/ul	345391	1	8.20	265530	20.0
unknown-03	9.49	4.8	ng/ul	63182	1	8.20	265530	20.0
Benzofuran, 7-met...	9.57	3.0	ng/ul	39393	1	8.20	265530	20.0
Phenol, 2,6-dimet...	9.64	13.3	ng/ul	187620	2	11.03	282163	20.0
3-Phenyl-2-propyn...	9.68	5.5	ng/ul	78236	2	11.03	282163	20.0
Benzofuran, 2-met...	9.76	11.6	ng/ul	163685	2	11.03	282163	20.0
Phenol, 2-ethyl-	9.98	11.3	ng/ul	159984	2	11.03	282163	20.0
unknown-04	10.13	5.4	ng/ul	76630	2	11.03	282163	20.0
Imidazole, 1,4,5-...	10.31	2.7	ng/ul	38270	2	11.03	282163	20.0
Phenol, 3-ethyl-	10.46	42.0	ng/ul	593204	2	11.03	282163	20.0
Phenol, 2,3-dimet...	10.49	20.4	ng/ul	288445	2	11.03	282163	20.0
2-Methoxy-6-methy...	10.87	34.2	ng/ul	482078	2	11.03	282163	20.0
Phenol, 2-methoxy...	10.93	16.7	ng/ul	236157	2	11.03	282163	20.0
Phenol, 2,4,6-tri...	11.17	6.6	ng/ul	93309	2	11.03	282163	20.0
Benzofuran, 4,7-d...	11.27	10.5	ng/ul	147780	2	11.03	282163	20.0
unknown-05	11.39	11.4	ng/ul	161169	2	11.03	282163	20.0
1H-Benzimidazole,...	11.44	15.1	ng/ul	212816	2	11.03	282163	20.0
1,2-Dimethylbenzi...	11.50	3.2	ng/ul	44883	2	11.03	282163	20.0
unknown-06	11.79	2.1	ng/ul	30127	2	11.03	282163	20.0
Phenol, 3-propyl-	11.84	26.7	ng/ul	376855	2	11.03	282163	20.0
(DEL) Alkane: Cyc...	14.63	2.5	ng/ul	63219	3	14.83	515610	20.0
(DEL) Alkane: Str...	14.70	3.8	ng/ul	97862	3	14.83	515610	20.0
(DEL) Alkane: Str...	15.65	4.4	ng/ul	112987	3	14.83	515610	20.0
(DEL) Alkane: Str...	16.51	2.2	ng/ul	72321	4	17.57	667888	20.0
(DEL) Alkane: Str...	17.30	5.0	ng/ul	166866	4	17.57	667888	20.0
(DEL) Alkane: Str...	18.04	4.9	ng/ul	163014	4	17.57	667888	20.0
(DEL) Alkane: Str...	18.72	3.7	ng/ul	124742	4	17.57	667888	20.0
(DEL) Alkane: Str...	19.35	4.8	ng/ul	160955	4	17.57	667888	20.0
(DEL) Alkane: Cyc...	19.89	2.0	ng/ul	84230	5	21.86	826849	20.0
(DEL) Alkane: Str...	19.92	3.8	ng/ul	157273	5	21.86	826849	20.0
(DEL) Alkane: Str...	20.45	4.1	ng/ul	169497	5	21.86	826849	20.0
(DEL) Alkane: Str...	21.47	3.3	ng/ul	137503	5	21.86	826849	20.0