LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019299.D
Acq On : 22 Oct 2015 3:03
Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

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-BG101515.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	3.076	35	40	48	rBV	28912	48076	8.42%	0.478%
2	3.152	48	53	66	rVB	82407	111169	19.46%	1.105%
3	6.618	638	643	648	rVB	7351	9709	1.70%	0.096%
4	6.707	651	658	662	rBV3	4577	9767	1.71%	0.097%
5	7.159	726	735	742	rBV4	13062	26312	4.61%	0.262%
6	7.306	755	760	768	rBV	43973	72792	12.74%	0.723%
7	7.382	768	773	779	rVB3	17099	26774	4.69%	0.266%
8	7.476	782	789	791	rBV5	12179	24127	4.22%	0.240%
9	7.523	792	797	804	rVB	52470	88109	15.42%	0.876%
10	7.629	812	815	822	rVB5	6816	11331	1.98%	0.113%
11	7.717	824	830	833	rBV3	7167	10649	1.86%	0.106%
12	7.805	839	845	851	rVB3	14243	24299	4.25%	0.242%
13	7.982	869	875	881	rVB	58780	98938	17.32%	0.983%
14	8.258	917	922	924	rBV2	9071	14596	2.56%	0.145%
15	8.293	924	928	934	rVB	28069	45087	7.89%	0.448%
16	8.369	934	941	946	rBV5	8971	21958	3.84%	0.218%
17	8.516	962	966	975	rVB4	6959	10896	1.91%	0.108%
18	8.628	979	985	992	rVB2	43607	71535	12.52%	0.711%
19	8.704	992	998	1004	rBV2	44812	78403	13.72%	0.779%
20	8.951	1035	1040	1045	rVV3	17616	27261	4.77%	0.271%
21	9.010	1045	1050	1053	rVV3	9826	15454	2.71%	0.154%
22	9.057	1053	1058	1061	rVV2	28227	49344	8.64%	0.490%
23	9.092	1061	1064	1068	rVV2	41957	67516	11.82%	0.671%
24	9.145	1068	1073	1080	rVB	68242	123196	21.57%	1.224%
25	9.262	1085	1093	1098	rBV4	26738	54413	9.53%	0.541%
26	9.309	1098	1101	1103	rBV2	8516	10458	1.83%	0.104%
27	9.345	1103	1107	1113	rVB5	17669	34785	6.09%	0.346%
28	9.415	1113	1119	1124	rBV	130817	228479	40.00%	2.271%
29	9.527	1133	1138	1148	rVB2	44247	83224	14.57%	0.827%
30	9.750	1171	1176	1182	rVB2	25323	43023	7.53%	0.428%
31	9.868	1190	1196	1202	rBV	77770	149374	26.15%	1.485%
32	9.985	1209	1216	1219	rBV4	16878	36568	6.40%	0.363%
33	10.026	1219	1223	1226	rVV4	19735	33606	5.88%	0.334%
34	10.073	1227	1231	1238	rVB2	34472	59847	10.48%	0.595%

LSC Area Percent Report

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Data File : BG019299.D
Acq On : 22 Oct 2015 3:03
Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

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-BG101515.M
Title : SVOA CALIBRATION

35	10.155	1239	1245	1249	rBV5	6590	11329	1.98%	0.113%
36	10.420	1280	1290	1297	rBV	112570	216532	37.90%	2.152%
37	10.479	1297	1300	1305	rVB4	8433	14495	2.54%	0.144%
38	10.620	1318	1324	1329	rBV	55716	106736	18.68%	1.061%
39	10.790	1339	1353	1358	rBV	94807	191788	33.57%	1.906%
40	10.843	1358	1362	1366	rVB2	16389	24366	4.27%	0.242%
41	10.937	1372	1378	1385	rVB	111133	193077	33.80%	1.919%
42	11.037	1391	1395	1398	rBV5	6894	11244	1.97%	0.112%
43	11.143	1407	1413	1420	rBV6	23371	49806	8.72%	0.495%
44	11.201	1420	1423	1431	rVB5	13117	25948	4.54%	0.258%
45	11.336	1439	1446	1449	rBV2	31232	61699	10.80%	0.613%
46	11.383	1449	1454	1459	rVB	100438	173920	30.45%	1.729%
47	11.554	1479	1483	1488	rVB3	15850	25345	4.44%	0.252%
48	11.630	1488	1496	1500	rBV	66459	123019	21.53%	1.223%
49	11.671	1500	1503	1507	rVB	30207	43555	7.62%	0.433%
50	11.848	1525	1533	1538	rBV3	8258	18607	3.26%	0.185%
51	11.912	1538	1544	1552	rBV	45471	88247	15.45%	0.877%
52	11.989	1552	1557	1562	rBV2	25008	40639	7.11%	0.404%
53	12.194	1587	1592	1599	rVB	25135	38745	6.78%	0.385%
54	12.329	1611	1615	1617	rBV4	6404	10053	1.76%	0.100%
55	12.359	1617	1620	1623	rVV4	9988	13455	2.36%	0.134%
56	12.394	1623	1626	1630	rVB4	14210	20744	3.63%	0.206%
57	12.488	1636	1642	1648	rBV2	109124	200350	35.07%	1.991%
58	12.553	1649	1653	1659	rVB3	46861	77981	13.65%	0.775%
59	12.658	1664	1671	1677	rVB4	36633	75319	13.18%	0.749%
60	12.776	1686	1691	1695	rBV2	51645	79539	13.92%	0.791%
61	12.823	1695	1699	1704	rVV2	54503	80302	14.06%	0.798%
62	12.888	1707	1710	1718	rVB2	54075	95182	16.66%	0.946%
63	12.970	1718	1724	1728	rBV2	85647	173377	30.35%	1.723%
64	13.211	1759	1765	1774	rVB6	14908	36309	6.36%	0.361%
65	13.316	1774	1783	1787	rBV5	20649	63825	11.17%	0.634%
66	13.363	1787	1791	1796	rVB4	26711	42415	7.42%	0.422%
67	13.416	1796	1800	1805	rVB3	40469	65286	11.43%	0.649%
68	13.487	1808	1812	1821	rBV8	21859	70360	12.32%	0.699%
69	13.587	1825	1829	1830	rBV	34456	39737	6.96%	0.395%
70	13.757	1852	1858	1861	rBV3	54398	110362	19.32%	1.097%
71	13.792	1861	1864	1872	rVB4	54562	108768	19.04%	1.081%

LSC Area Percent Report

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Data File : BG019299.D
Acq On : 22 Oct 2015 3:03
Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

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-BG101515.M
Title : SVOA CALIBRATION

72	13.886	1877	1880	1886	rVB3	40092	60965	10.67%	0.606%
73	13.957	1887	1892	1895	rVV4	39554	77503	13.57%	0.770%
74	14.027	1899	1904	1910	rVB	204215	329428	57.67%	3.274%
75	14.116	1913	1919	1927	rBV5	91900	178711	31.28%	1.776%
76	14.204	1930	1934	1938	rBV3	27899	53043	9.29%	0.527%
77	14.315	1947	1953	1958	rVB	203879	340384	59.58%	3.383%
78	14.492	1978	1983	1988	rBV4	24870	56267	9.85%	0.559%
79	14.621	2000	2005	2014	rBV3	172765	322217	56.40%	3.203%
80	14.703	2014	2019	2029	rVB2	67179	124511	21.80%	1.238%
81	14.785	2029	2033	2036	rBV3	42485	69740	12.21%	0.693%
82	14.815	2036	2038	2043	rVB	45761	55416	9.70%	0.551%
83	14.926	2052	2057	2060	rBV4	25684	47673	8.35%	0.474%
84	15.003	2067	2070	2074	rVB3	20655	26979	4.72%	0.268%
85	15.173	2093	2099	2101	rBV3	19713	42476	7.44%	0.422%
86	15.408	2135	2139	2145	rBV3	25859	41805	7.32%	0.416%
87	15.614	2168	2174	2180	rVB	285082	446237	78.11%	4.435%
88	15.737	2189	2195	2201	rVB2	129311	211201	36.97%	2.099%
89	15.866	2214	2217	2222	rVB4	21848	29876	5.23%	0.297%
90	16.054	2245	2249	2252	rVB	24536	30454	5.33%	0.303%
91	16.666	2350	2353	2357	rBV5	20235	32971	5.77%	0.328%
92	16.924	2393	2397	2407	rBV9	19441	54819	9.60%	0.545%
93	17.365	2467	2472	2477	rBV2	211848	319263	55.89%	3.173%
94	17.465	2483	2489	2496	rVB	327108	484543	84.82%	4.816%
95	18.252	2619	2623	2629	rBV7	20912	33931	5.94%	0.337%
96	19.750	2872	2878	2884	rBV	408671	571259	100.00%	5.678%
97	20.038	2923	2927	2931	rVB5	14265	21066	3.69%	0.209%
98	21.624	3191	3197	3205	rBV	256219	407337	71.31%	4.049%
99	24.597	3694	3703	3714	rVB	211844	567256	99.30%	5.638%
100	24.815	3731	3740	3751	rVB2	138910	380353	66.58%	3.780%

Sum of corrected areas: 10061220

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019299.D
Acq On : 22 Oct 2015 3:03
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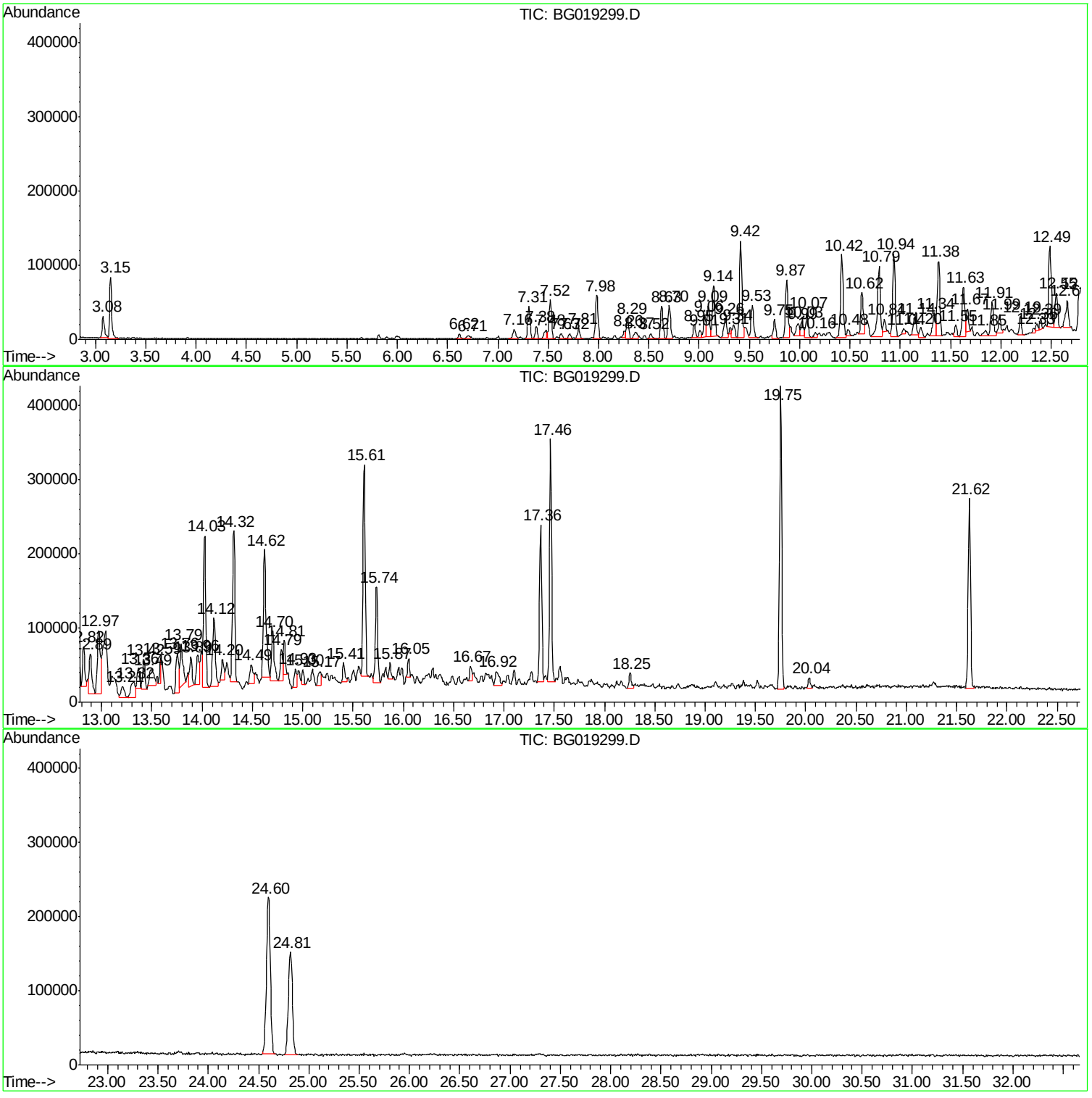
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.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\BG102115\
Data File : BG019299.D
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Sample : G4057-21
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Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

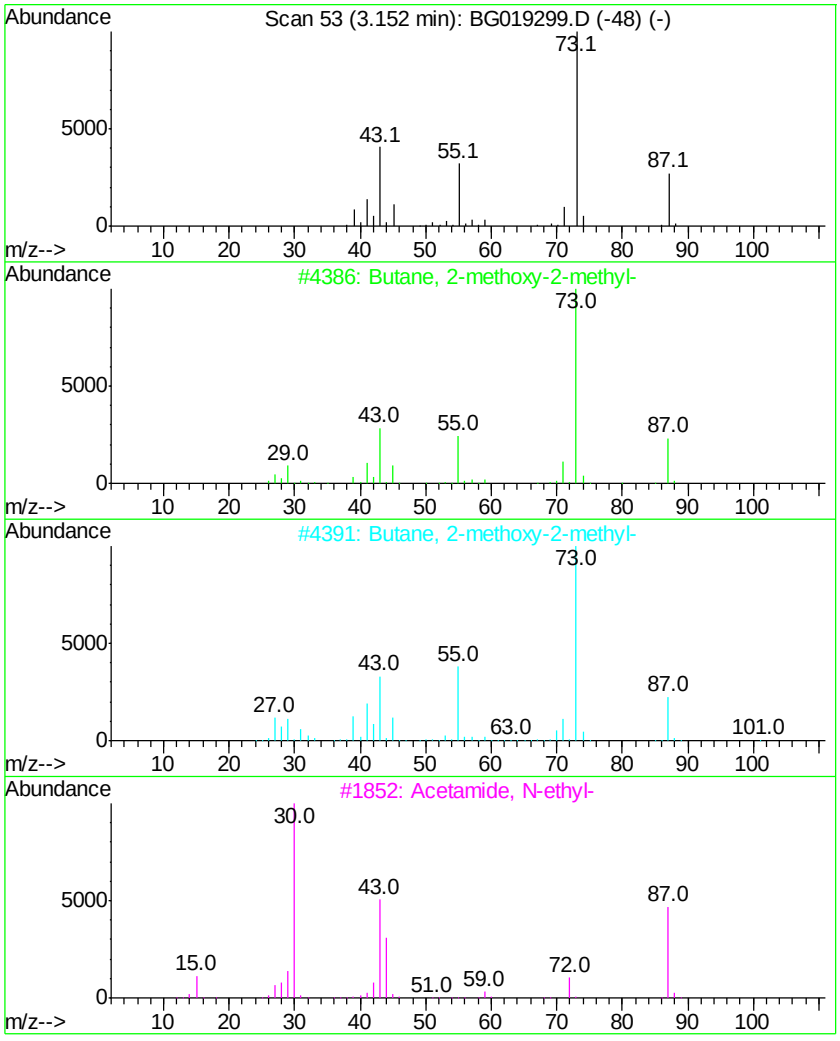
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

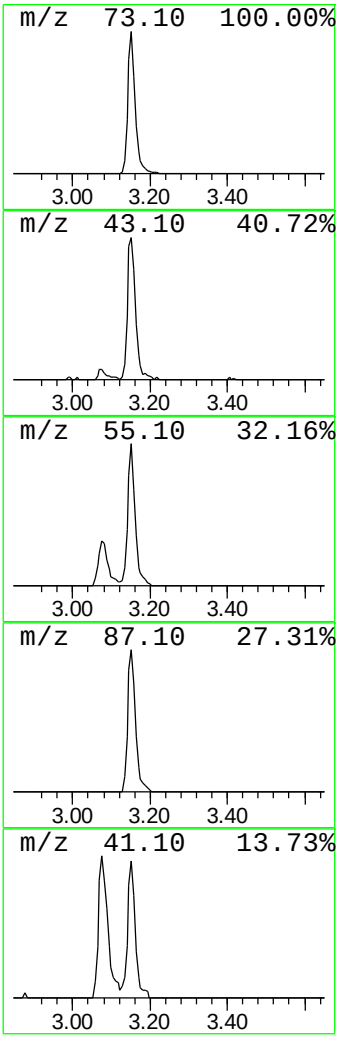
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	22.47 ng/ul	111169	1,4-Dichlorobenzene-d4	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	25
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019299.D
Acq On : 22 Oct 2015 3:03
Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

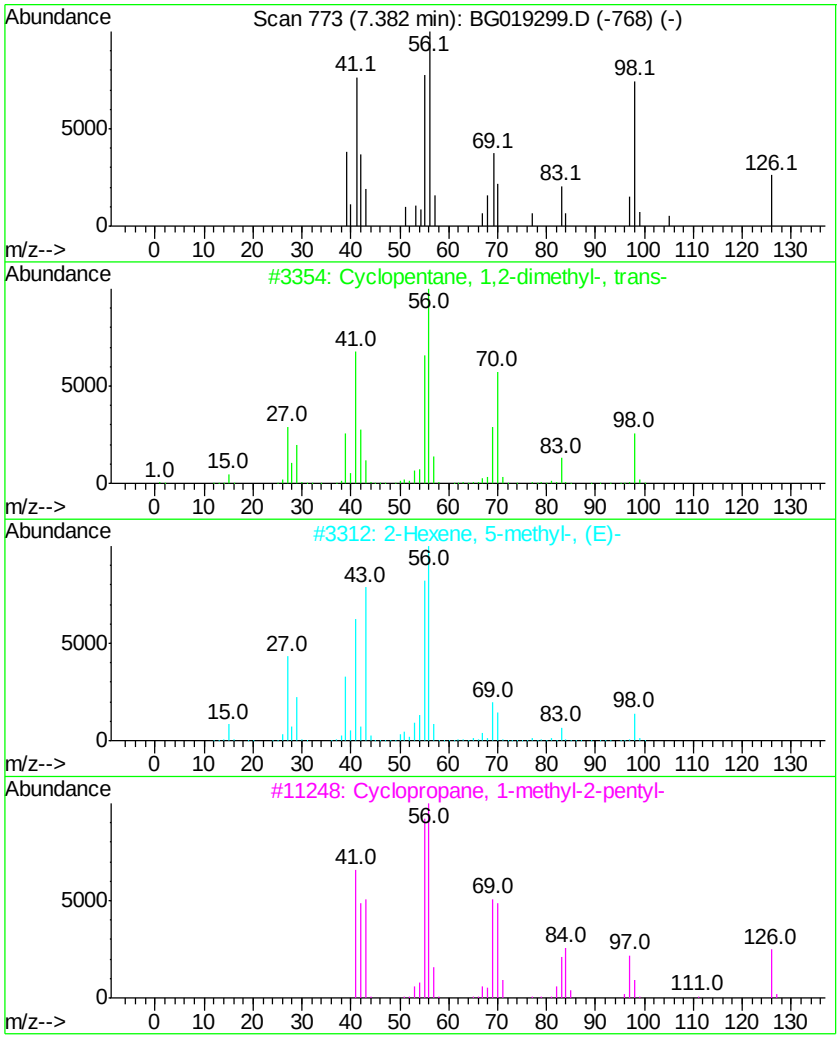
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

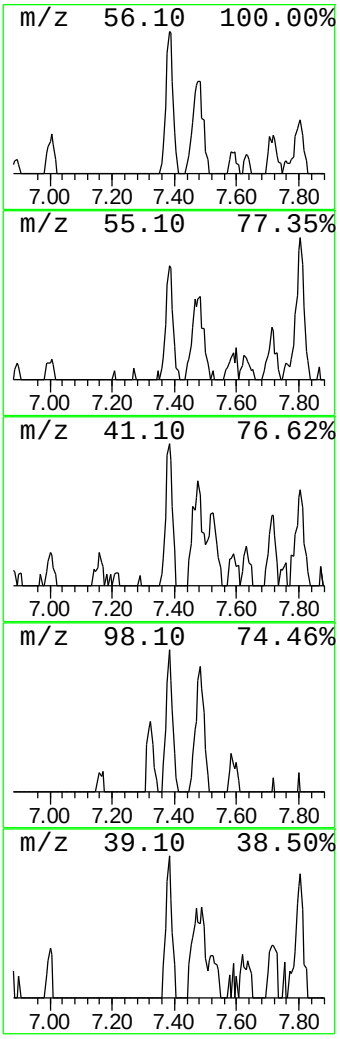
****

Peak Number 3 Cyclopentane, 1,2-dimethyl-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	5.41 ng/ul	26774	1,4-Dichlorobenzene-d4	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	70
2	2-Hexene, 5-methyl-, (E)-	98	C7H14	007385-82-2	70
3	Cyclopropane, 1-methyl-2-pentyl-	126	C9H18	041977-37-1	60
4	3-Heptene, (E)-	98	C7H14	014686-14-7	52
5	Cyclohexanone, 2-ethyl-	126	C8H14O	004423-94-3	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019299.D
Acq On : 22 Oct 2015 3:03
Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

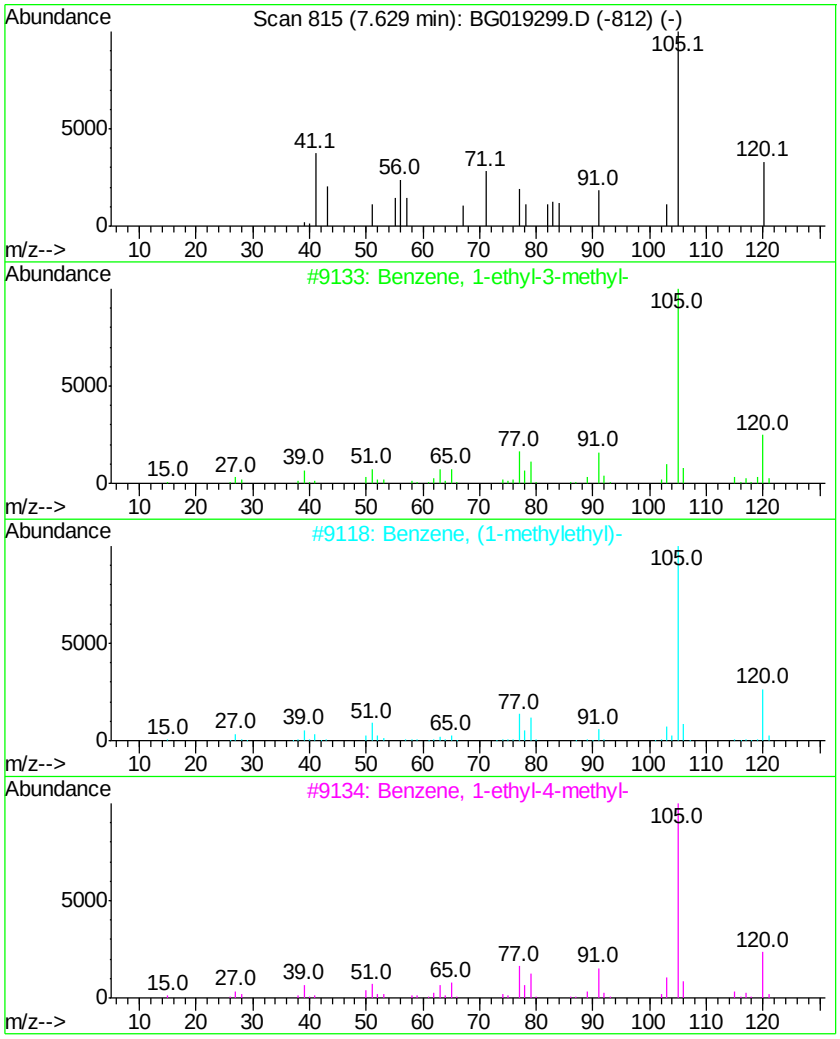
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

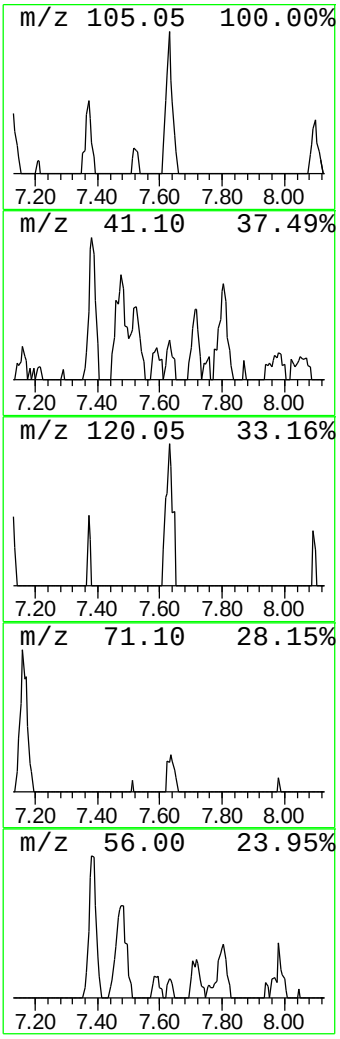
****

Peak Number 4 unknown-01 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	2.29 ng/ul	11331	1,4-Dichlorobenzene-d4	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	38
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	38
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	38
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	38
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019299.D
Acq On : 22 Oct 2015 3:03
Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

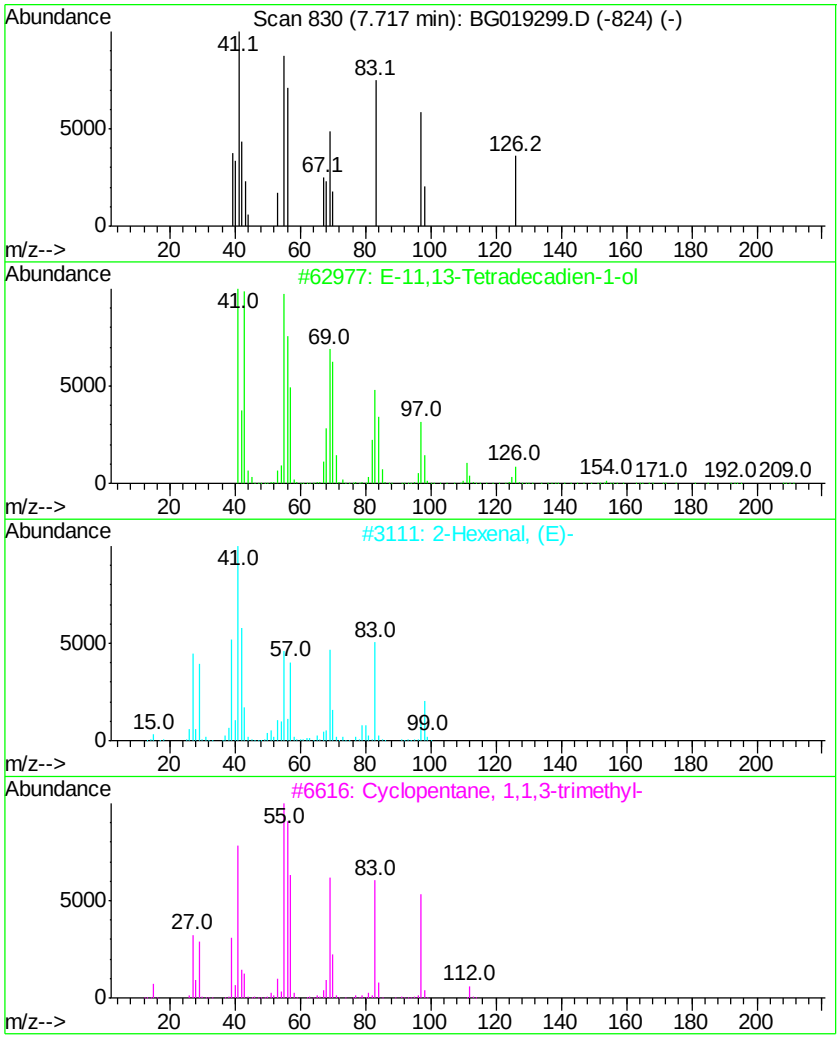
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

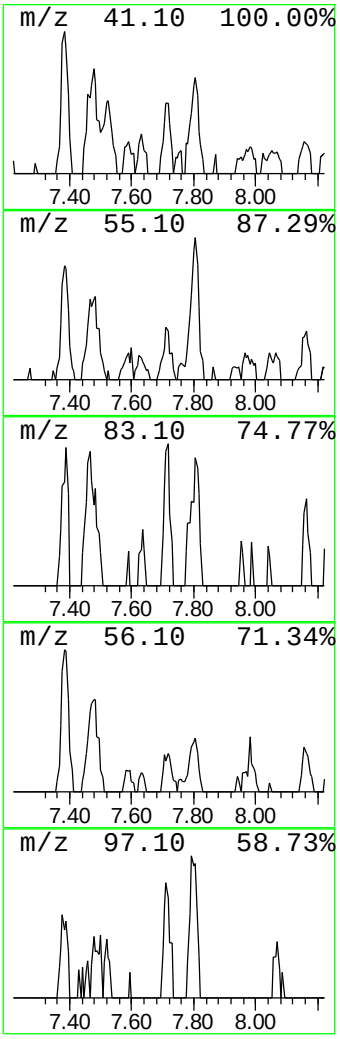
****

Peak Number 5 E-11,13-Tetradecadien-1-ol Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	2.15 ng/ul	10649	1,4-Dichlorobenzene-d4	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-11,13-Tetradecadien-1-ol	210	C14H26O	1000131-00-3	59
2	2-Hexenal, (E)-	98	C6H10O	006728-26-3	46
3	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	43
4	4,4-Dimethylpent-2-enal	112	C7H12O	1000195-01-6	38
5	1-Propenylaziridine	83	C5H9N	1000192-51-0	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019299.D
Acq On : 22 Oct 2015 3:03
Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

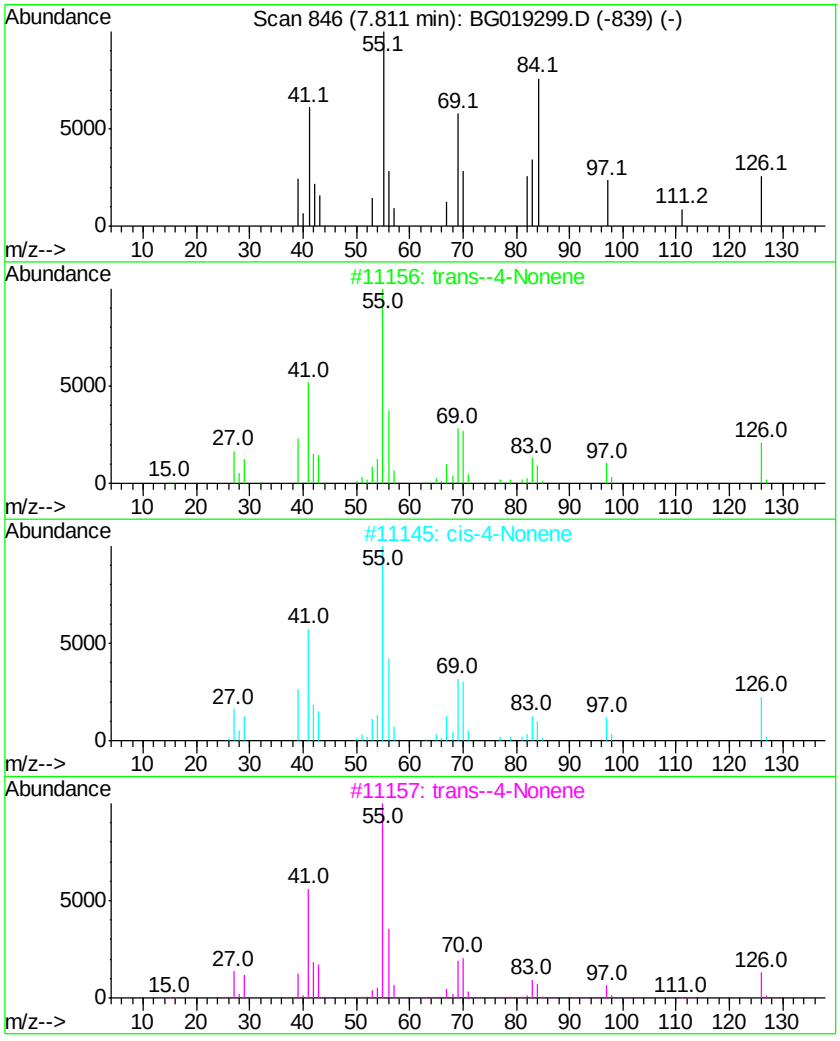
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

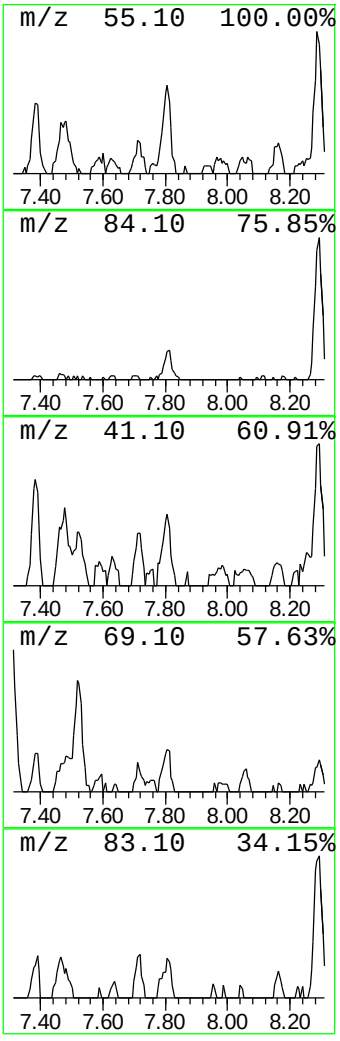
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	4.91 ng/ul	24299	1,4-Dichlorobenzene-d4	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans--4-Nonene	126	C9H18	010405-85-3	46
2	cis-4-Nonene	126	C9H18	010405-84-2	46
3	trans--4-Nonene	126	C9H18	010405-85-3	43
4	2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	43
5	Octahydropyrrolo[1,2-a]pyrazine	126	C7H14N2	005654-83-1	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019299.D
Acq On : 22 Oct 2015 3:03
Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

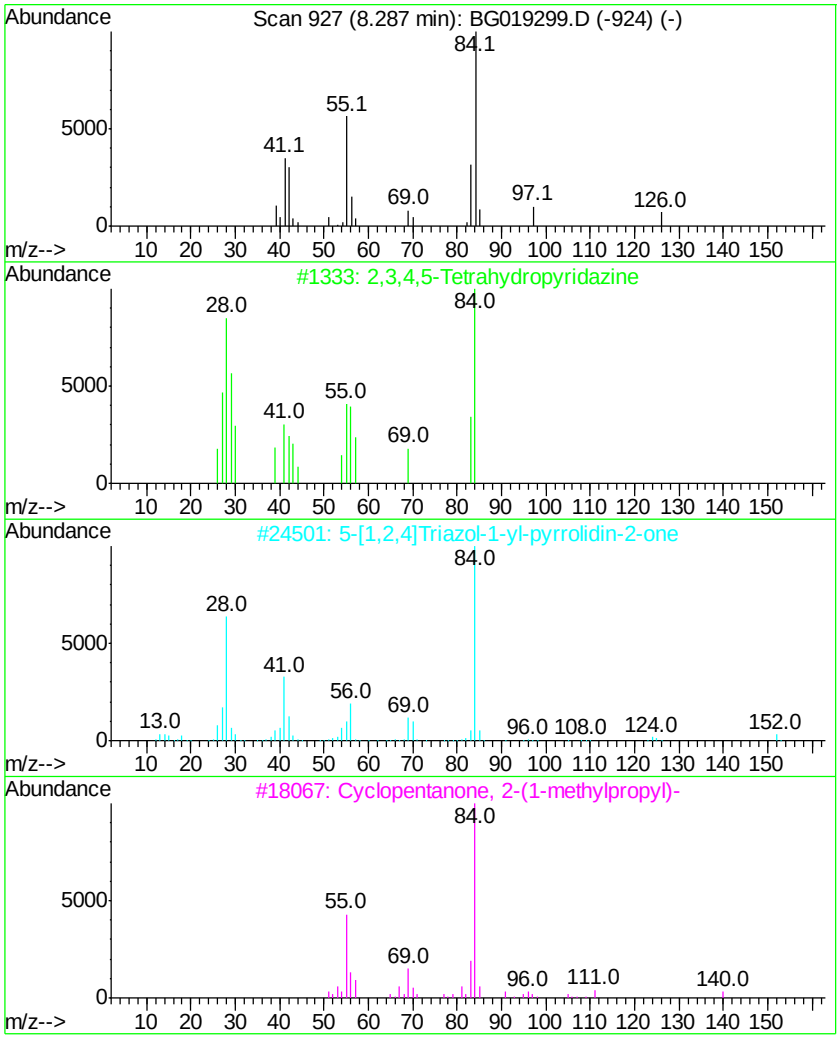
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

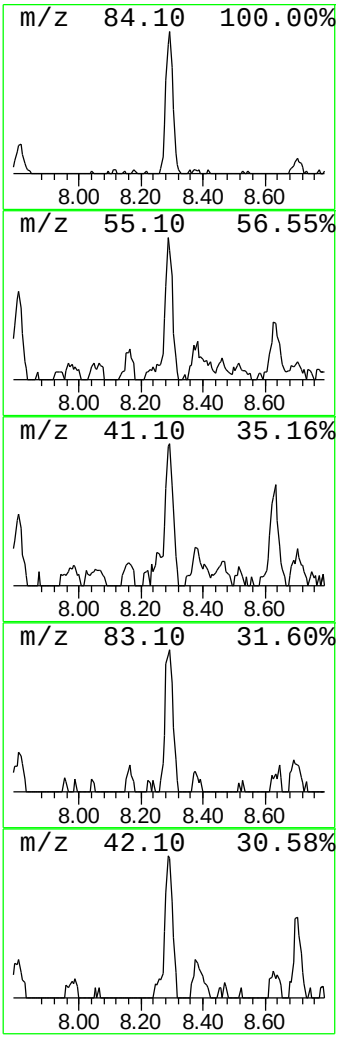
****

Peak Number 8 2,3,4,5-Tetrahydropyridazine Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	9.11 ng/ul	45087	1,4-Dichlorobenzene-d4	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5-Tetrahydropyridazine	84	C4H8N2	000694-06-4	45
2	5-[1,2,4]Triazol-1-yl-pyrrolidin...	152	C6H8N4O	1000287-89-6	40
3	Cyclopentanone, 2-(1-methylpropyl)-	140	C9H16O	006376-92-7	40
4	Piperidine, 1,1'-dithiobis-	232	C10H20N2S2	010220-20-9	39
5	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	38





Library Search Compound Report

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Data File : BG019299.D
Acq On : 22 Oct 2015 3:03
Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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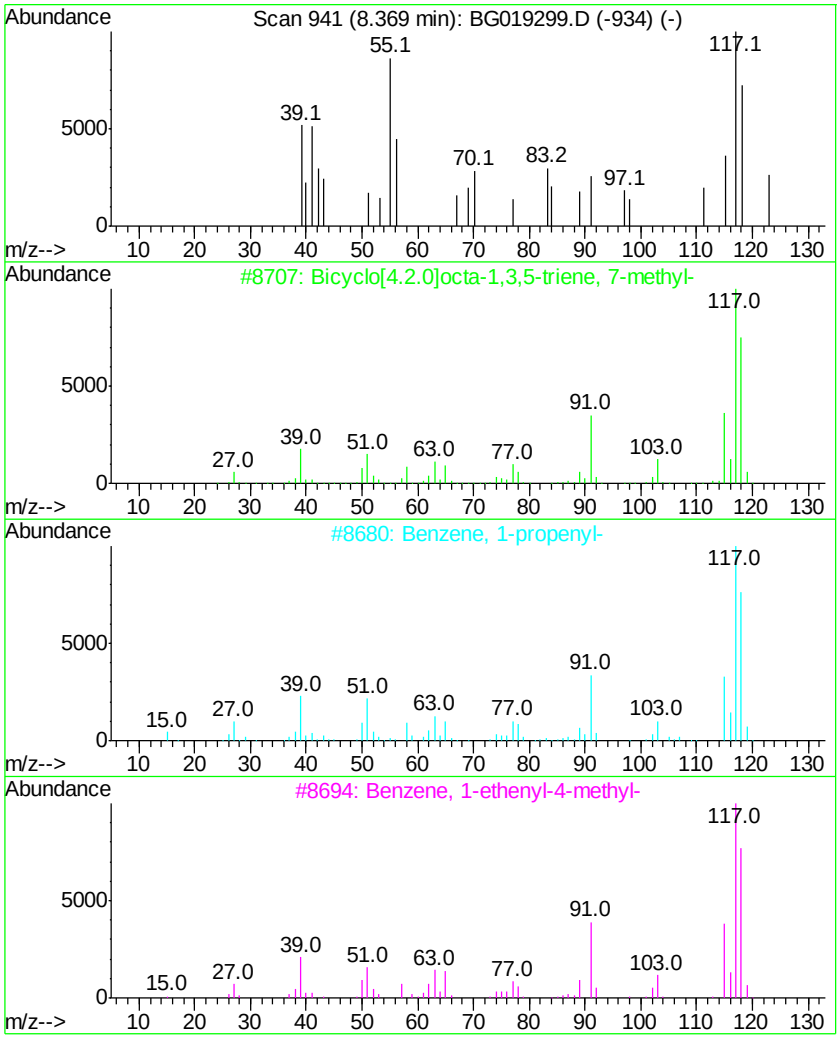
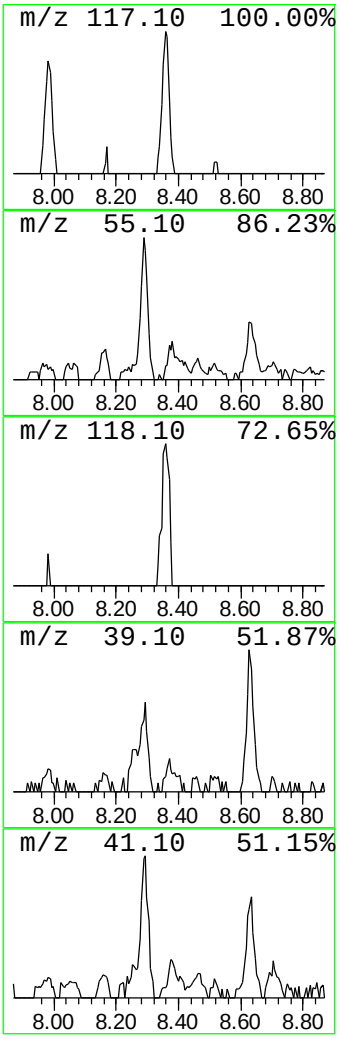
Peak Number 9 unknown-02 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	4.44 ng/ul	21958	1,4-Dichlorobenzene-d4	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	35
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	35
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	35
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	35
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	35





Library Search Compound Report

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Data File : BG019299.D
Acq On : 22 Oct 2015 3:03
Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

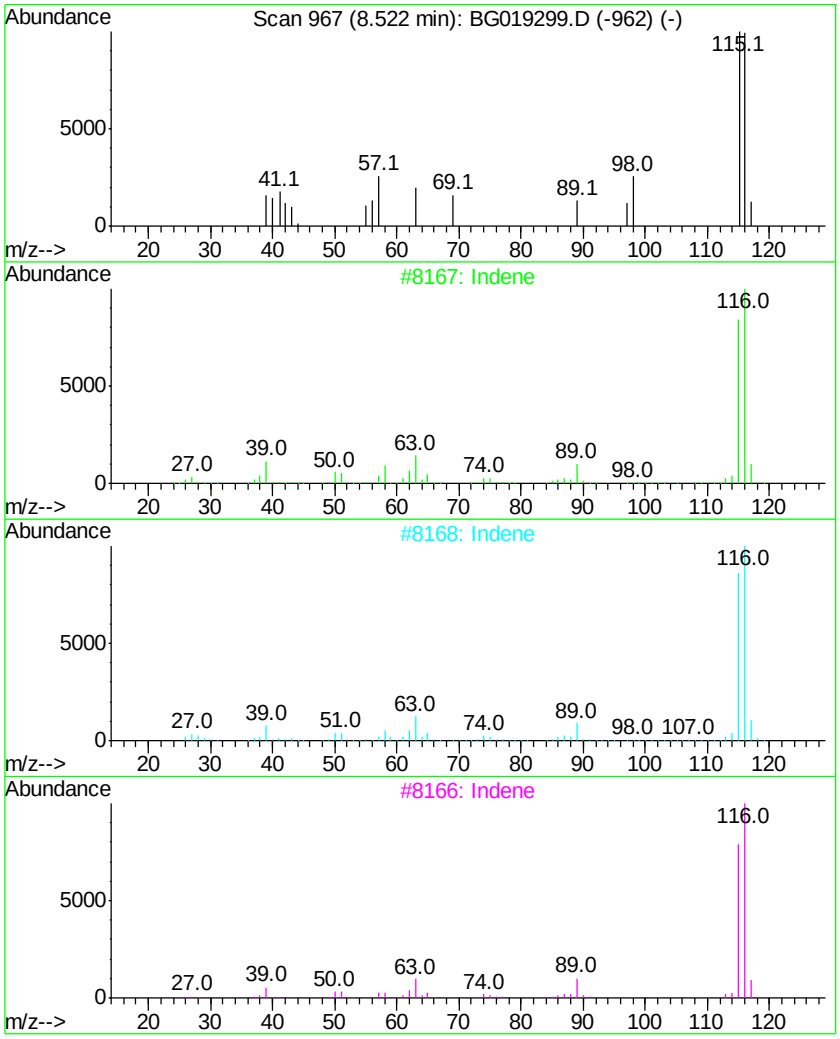
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

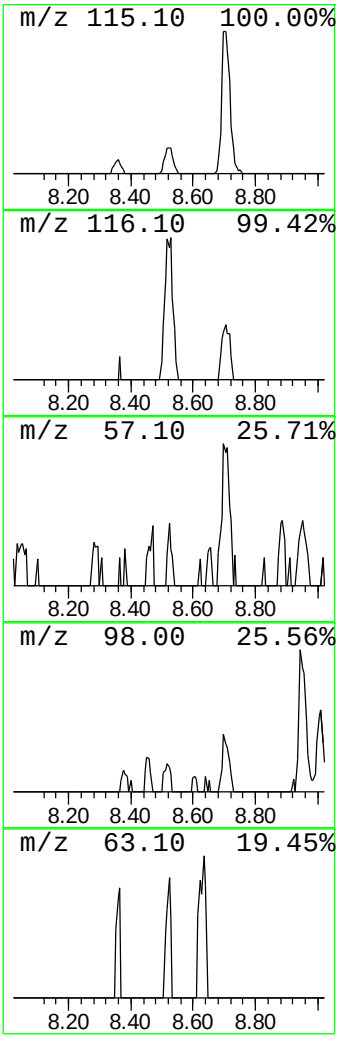
****

Peak Number 10 Indene Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	2.20 ng/ul	10896	1,4-Dichlorobenzene-d4	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	64
2	Indene	116	C9H8	000095-13-6	53
3	Indene	116	C9H8	000095-13-6	53
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	45
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	40





Library Search Compound Report

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Data File : BG019299.D
Acq On : 22 Oct 2015 3:03
Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

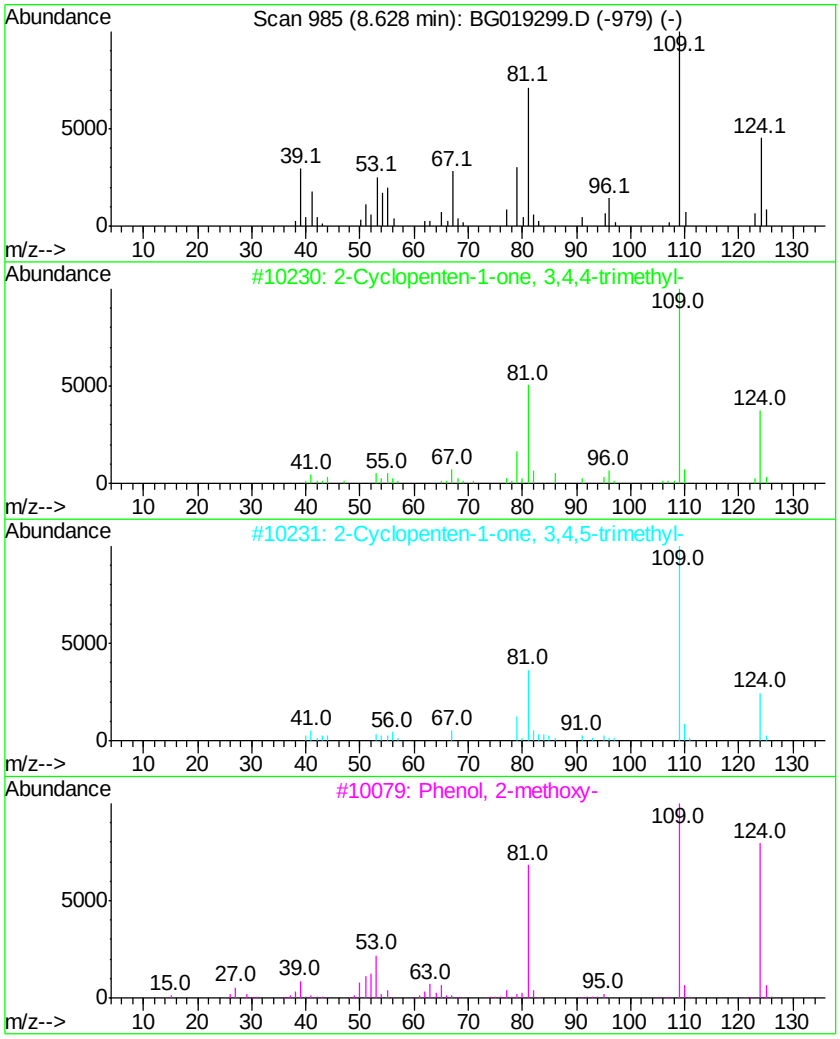
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

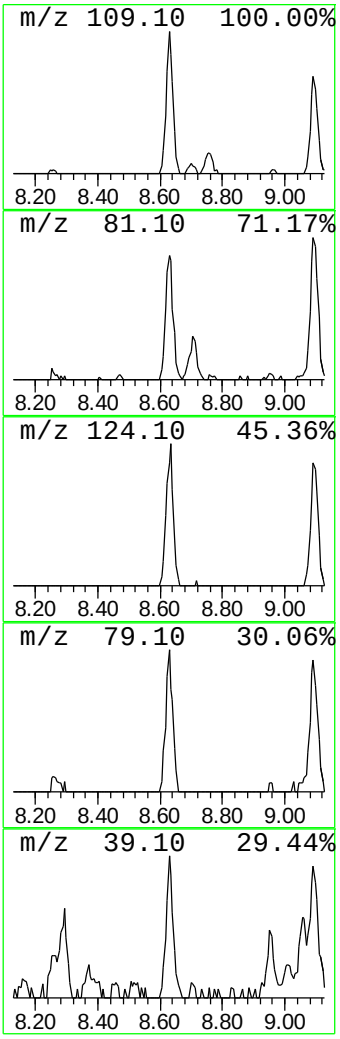
****

Peak Number 11 2-Cyclopenten-1-one, 3,4,4-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	14.46 ng/ul	71535	1,4-Dichlorobenzene-d4	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	72
2	2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	72
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	70
4	Cyclopent-2-ene-1-one, 2,3,4-tri...	124	C8H12O	083321-16-8	68
5	Mequinol	124	C7H8O2	000150-76-5	64





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Data File : BG019299.D
Acq On : 22 Oct 2015 3:03
Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

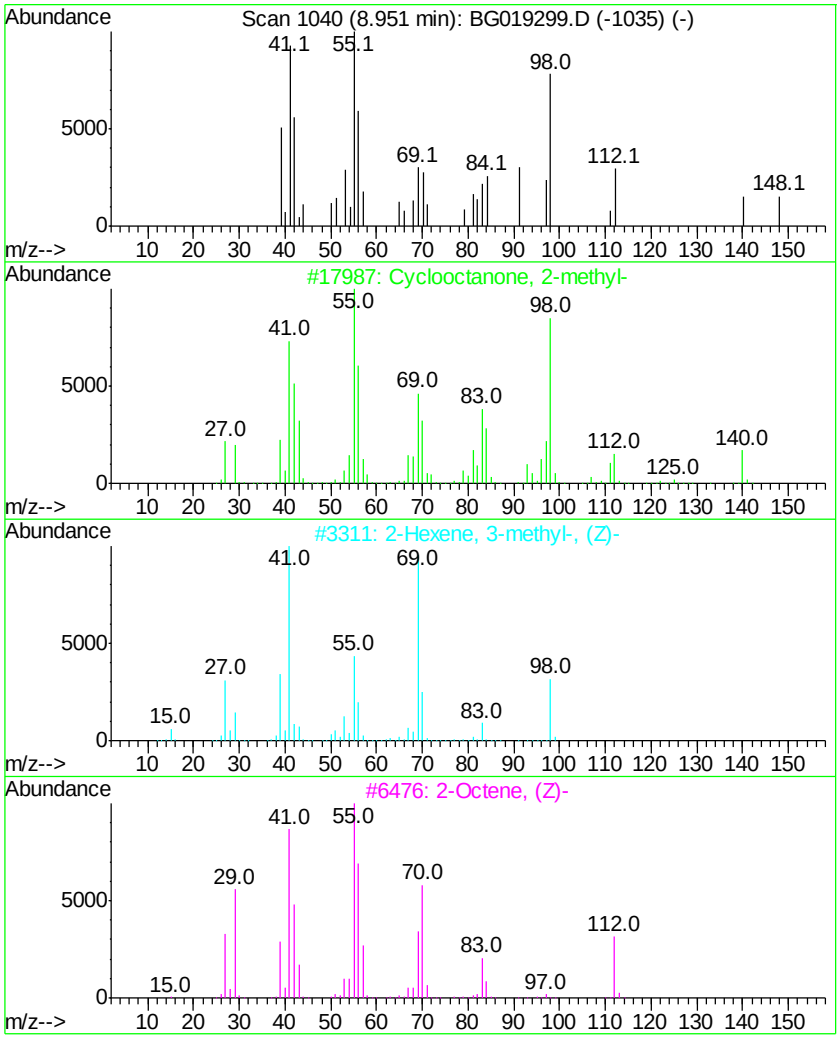
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

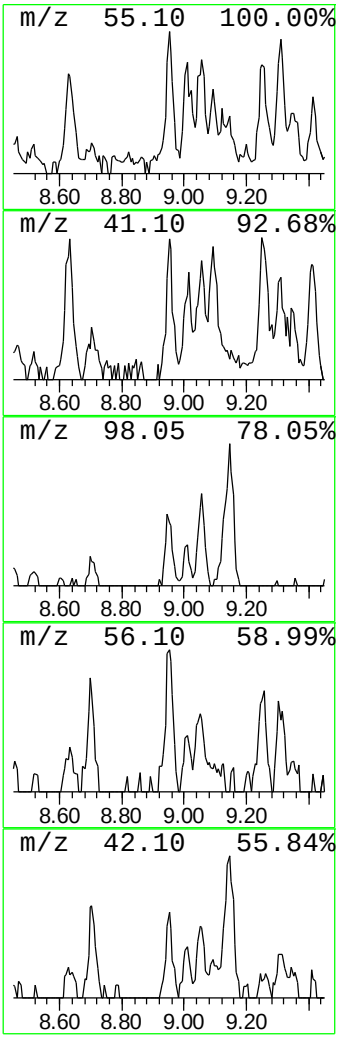
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	5.51 ng/ul	27261	1,4-Dichlorobenzene-d4	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctanone, 2-methyl-	140	C9H16O	010363-27-6	83
2	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	46
3	2-Octene, (Z)-	112	C8H16	007642-04-8	46
4	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	43
5	2-Octene	112	C8H16	000111-67-1	41





Library Search Compound Report

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Data File : BG019299.D
Acq On : 22 Oct 2015 3:03
Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

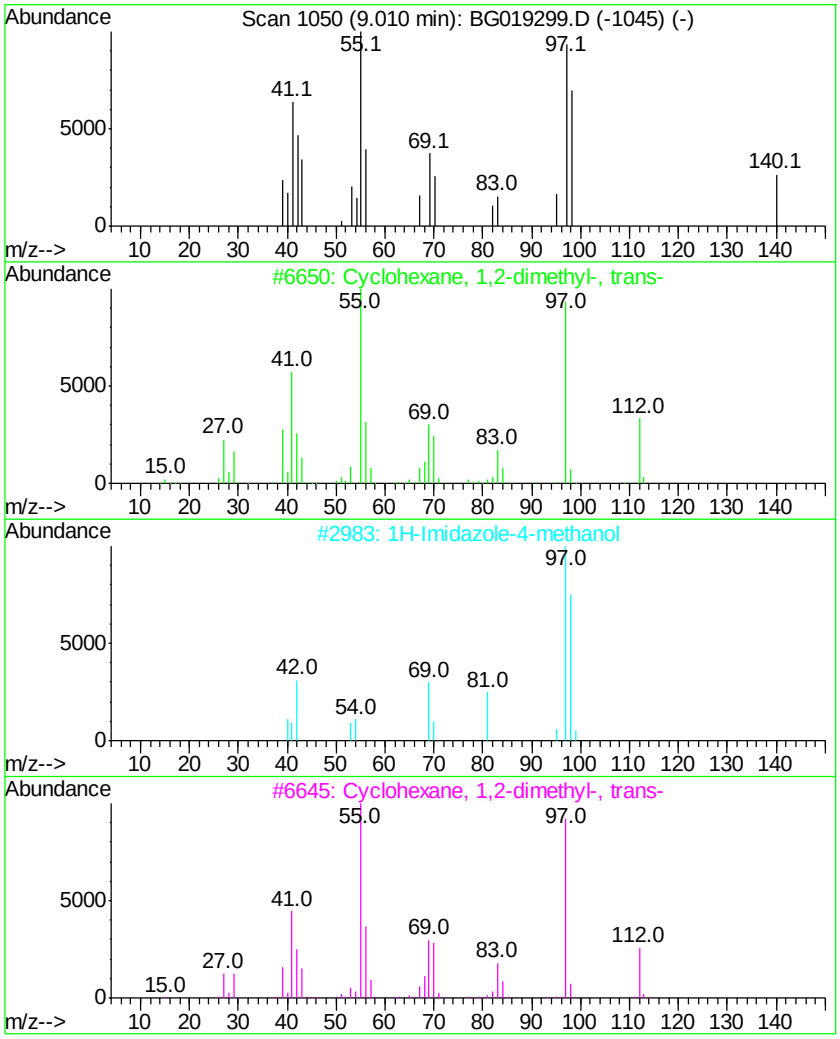
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

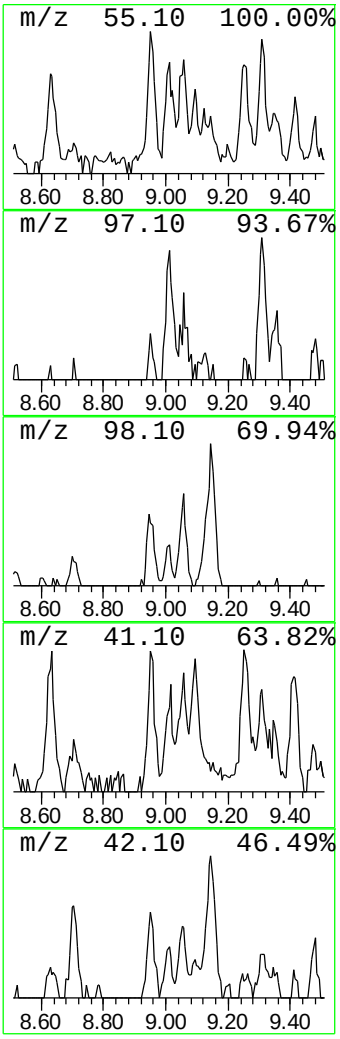
****

Peak Number 13 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	3.12 ng/ul	15454	1,4-Dichlorobenzene-d4	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	50
2	1H-Imidazole-4-methanol	98	C4H6N2O	000822-55-9	49
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	47
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	47
5	Silacyclopent-3-ene, 3-methyl-	98	C5H10Si	054077-65-5	46





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Data File : BG019299.D
Acq On : 22 Oct 2015 3:03
Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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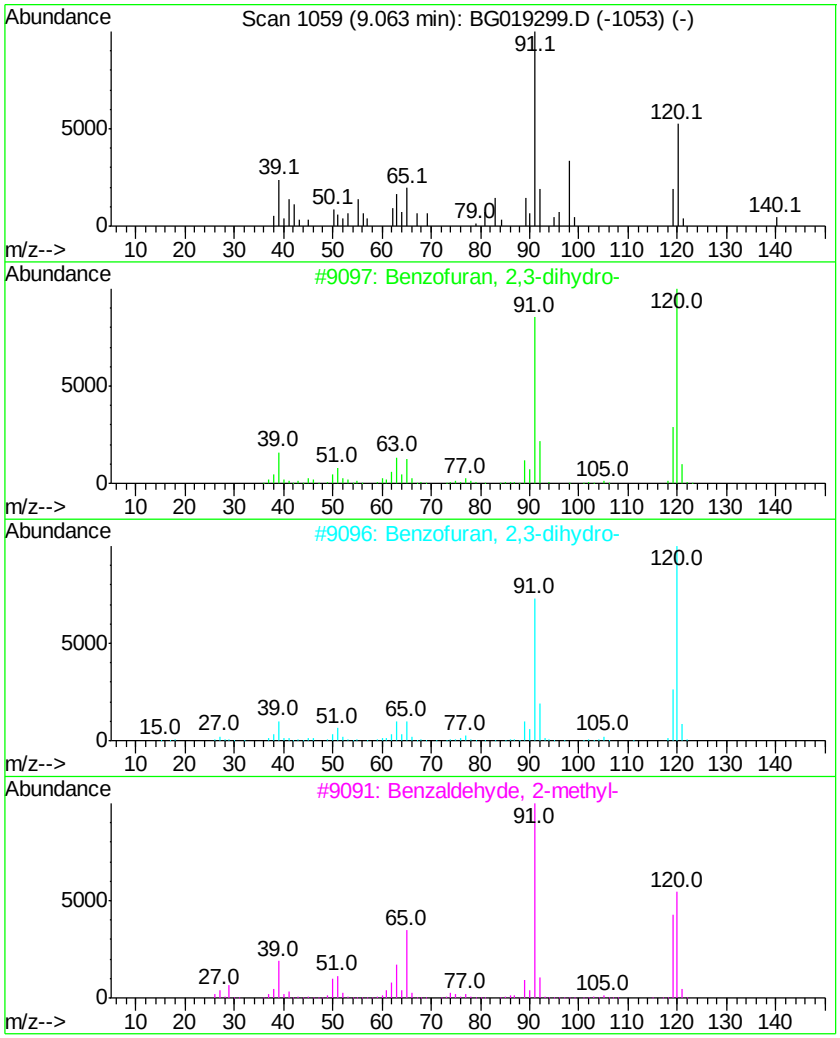
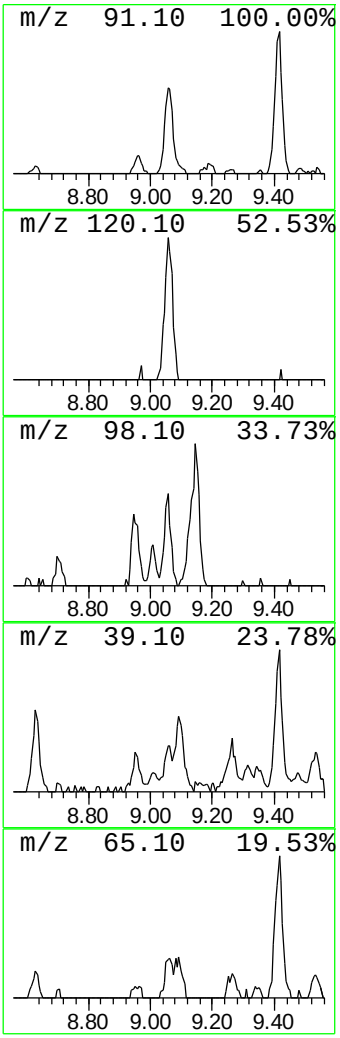
Peak Number 14 Benzofuran, 2,3-dihydro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	9.97 ng/ul	49344	1,4-Dichlorobenzene-d4	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2,3-dihydro-	120	C8H8O	000496-16-2	53
2	Benzofuran, 2,3-dihydro-	120	C8H8O	000496-16-2	53
3	Benzaldehyde, 2-methyl-	120	C8H8O	000529-20-4	49
4	Benzaldehyde, 2-methyl-	120	C8H8O	000529-20-4	43
5	Bicyclo[4.2.0]octa-1,3,5-trien-7-ol	120	C8H8O	035447-99-5	38





Library Search Compound Report

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Acq On : 22 Oct 2015 3:03
Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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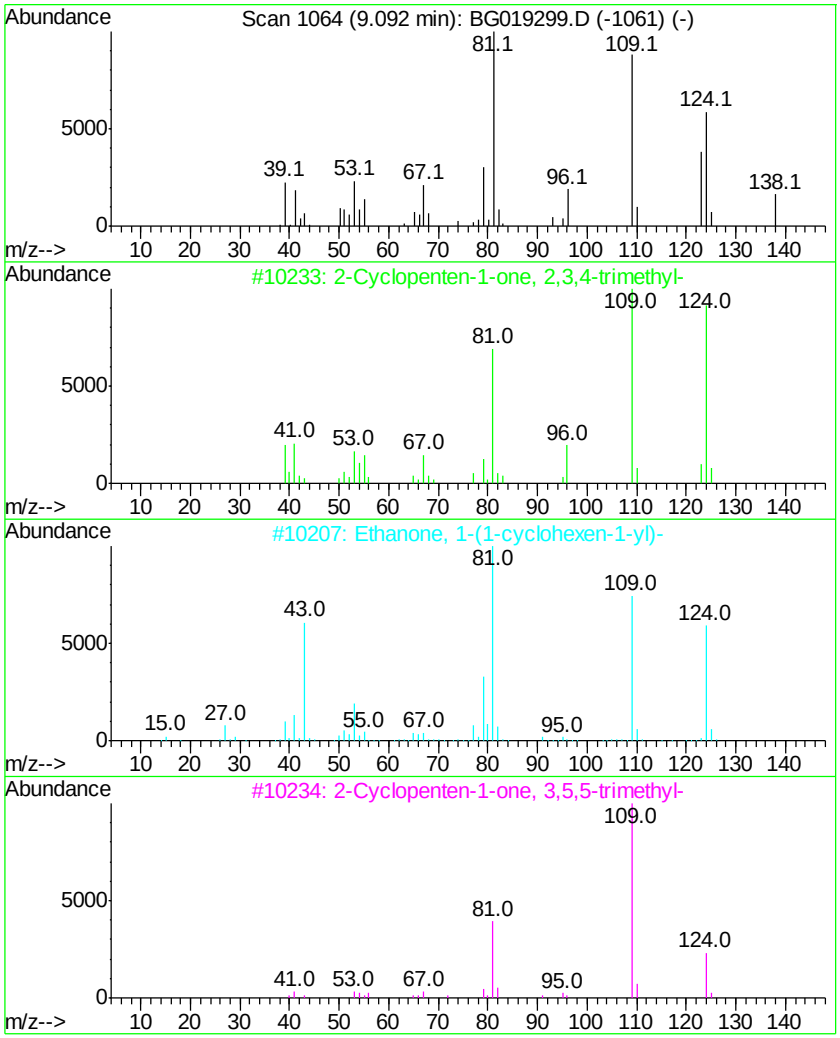
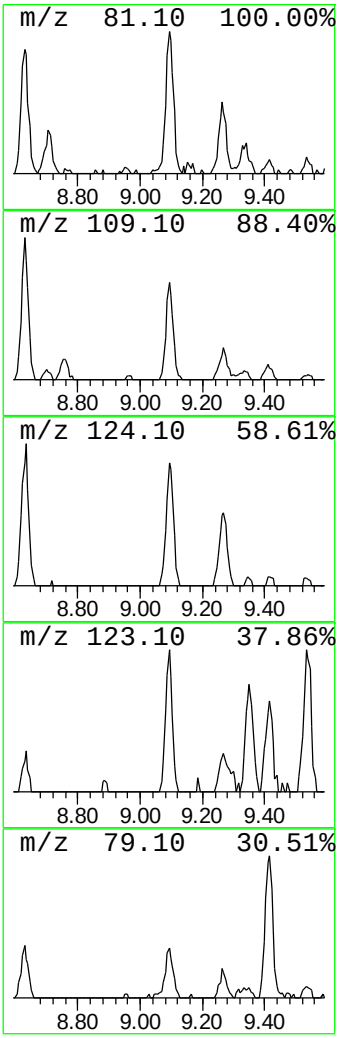
Peak Number 15 2-Cyclopenten-1-one, 2,3,4-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	13.65 ng/ul	67516	1,4-Dichlorobenzene-d4	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	87
2	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	81
3	2-Cyclopenten-1-one, 3,5,5-trime...	124	C8H12O	024156-95-4	76
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	68
5	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	64





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Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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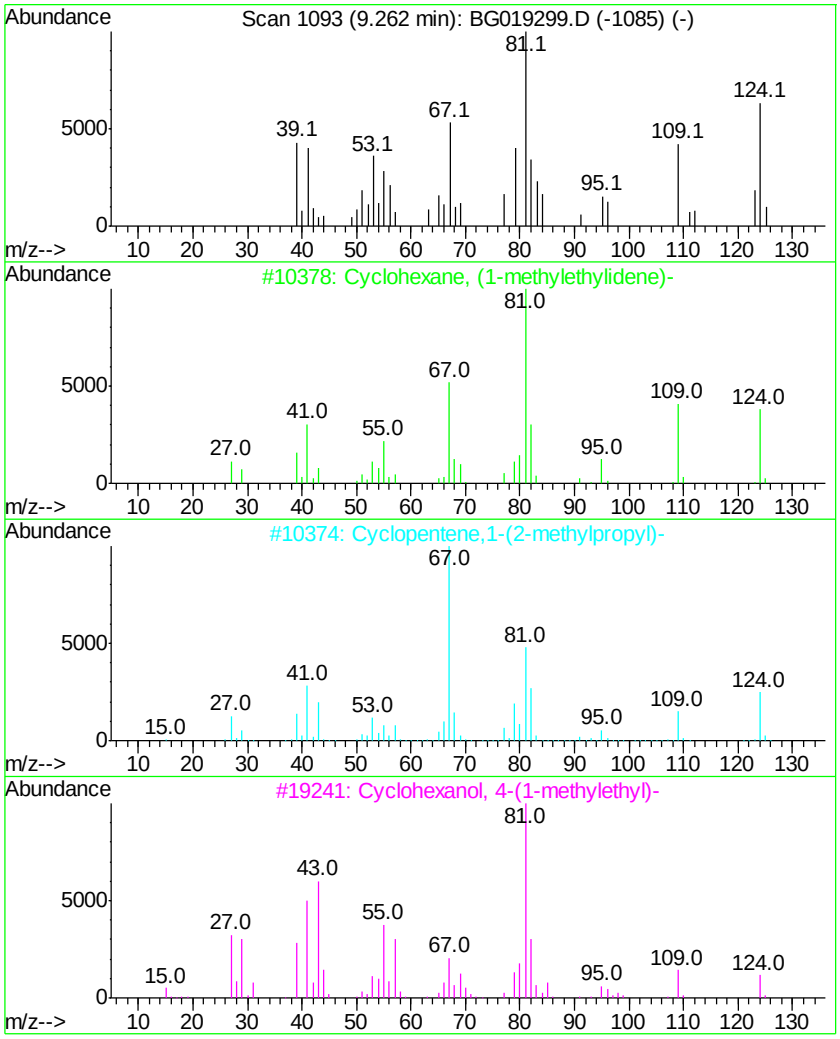
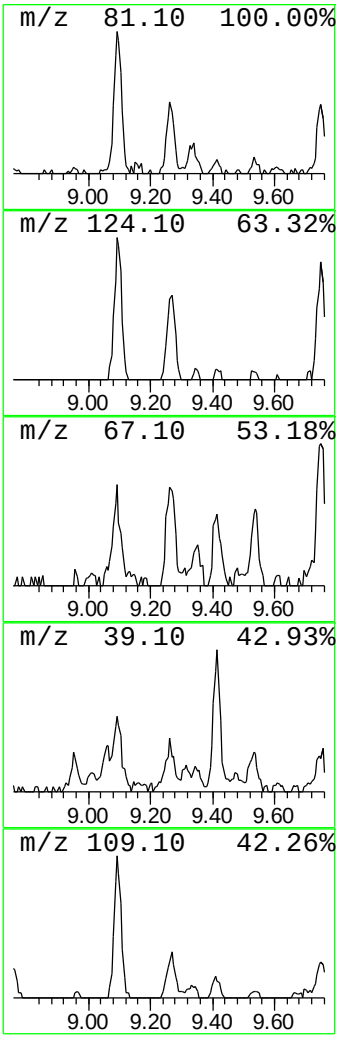
Peak Number 16 Cyclohexane, (1-methylethyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	11.00 ng/ul	54413	1,4-Dichlorobenzene-d4	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	64
2	Cyclopentene,1-(2-methylpropyl)-	124	C9H16	053098-47-8	59
3	Cyclohexanol, 4-(1-methylethyl)-	142	C9H18O	004621-04-9	50
4	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	47
5	4-Octyne, 2-methyl-	124	C9H16	010306-94-2	46





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Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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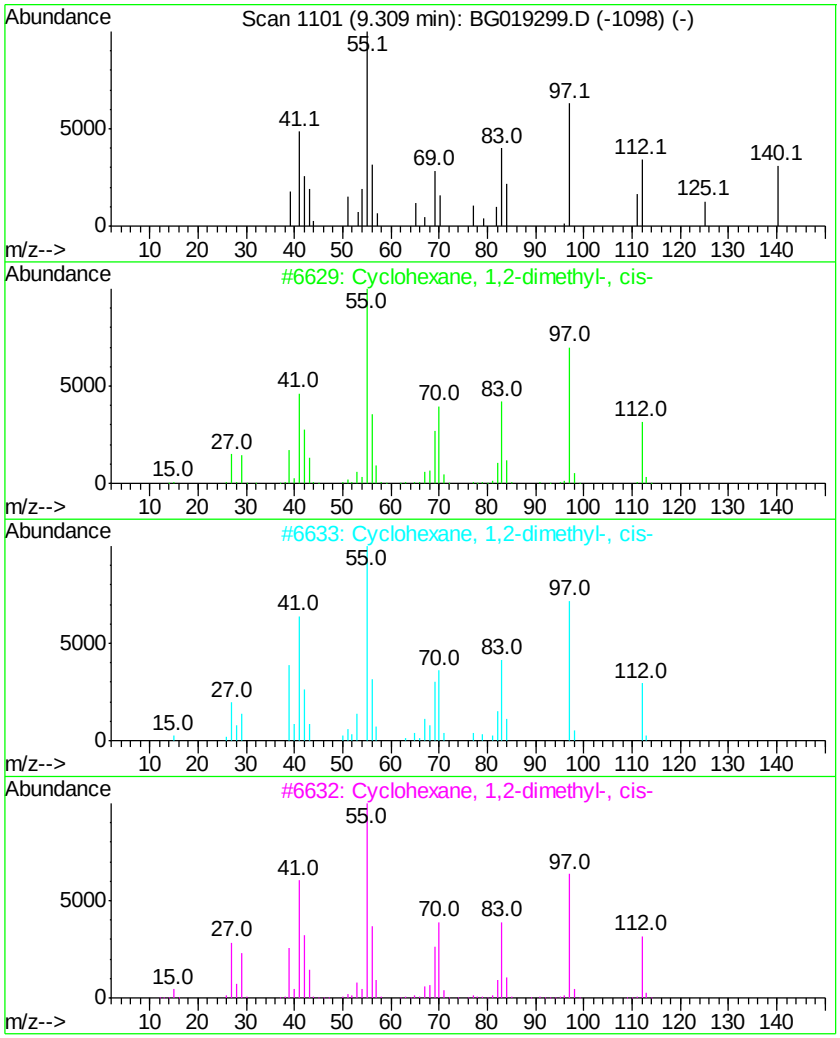
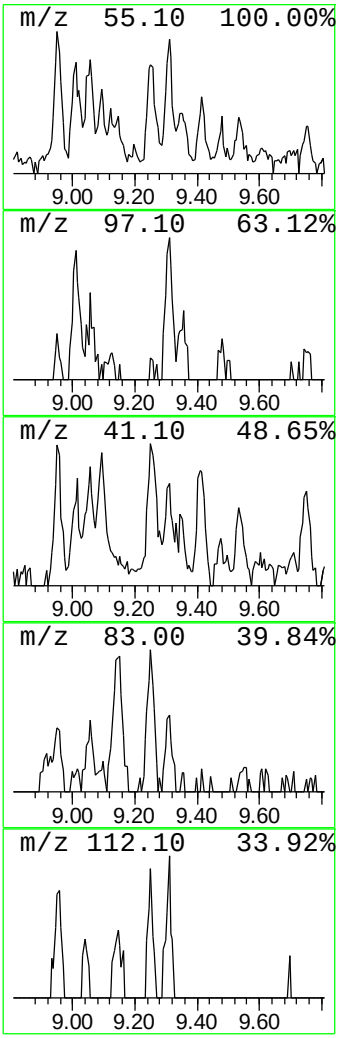
Peak Number 17 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	2.11 ng/ul	10458	1,4-Dichlorobenzene-d4	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	58
2	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	52
3	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	50
4	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	47
5	Cyclohexane, 1,2-dimethyl-	112	C8H16	000583-57-3	46





Library Search Compound Report

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Data File : BG019299.D
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Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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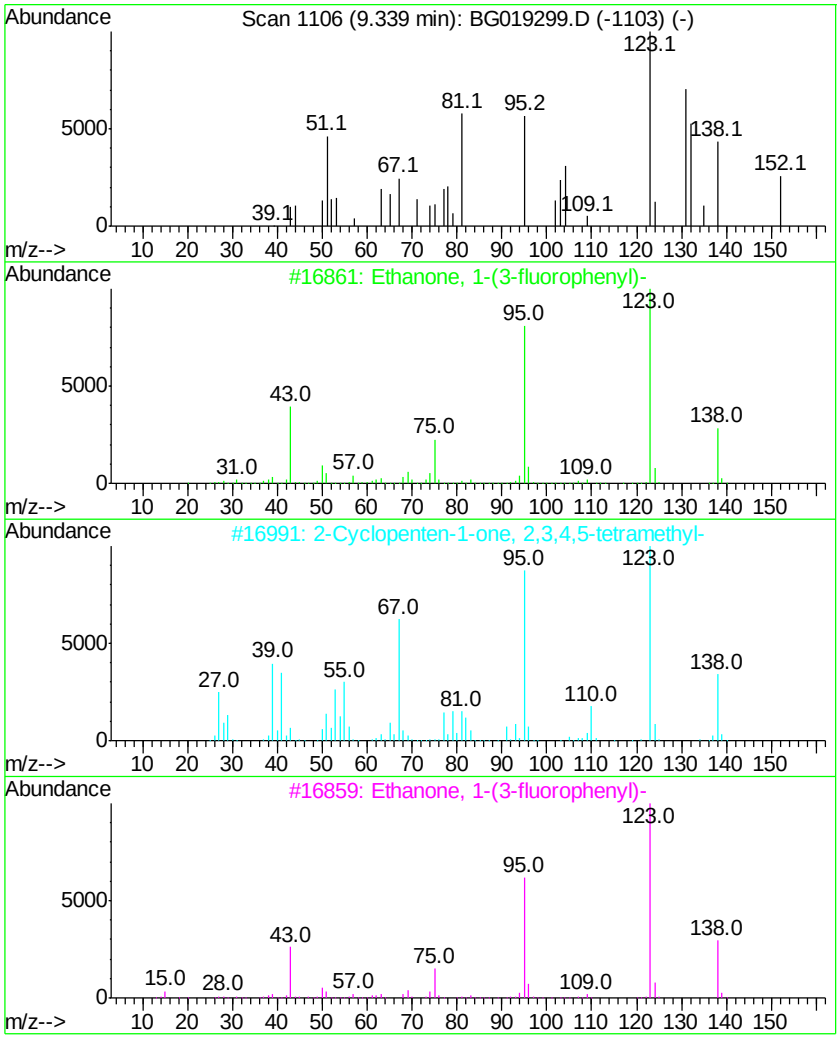
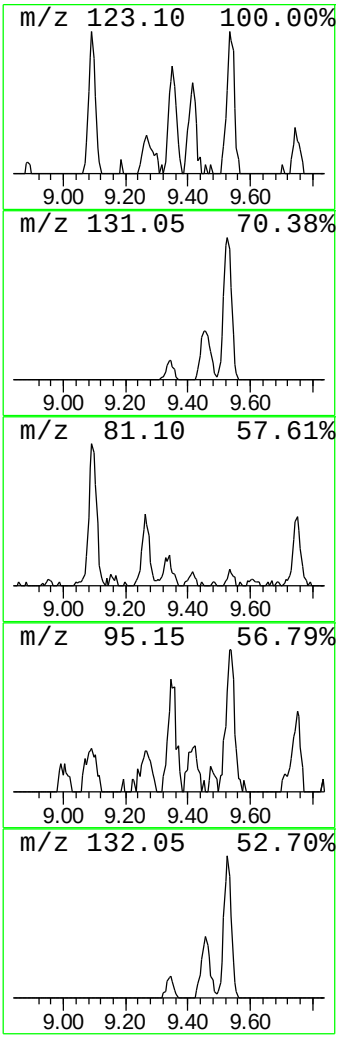
Peak Number 18 unknown-03 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	7.03 ng/ul	34785	1,4-Dichlorobenzene-d4	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(3-fluorophenyl)-	138	C8H7FO	000455-36-7	43
2	2-Cyclopenten-1-one, 2,3,4,5-tet...	138	C9H14O	054458-61-6	38
3	Ethanone, 1-(3-fluorophenyl)-	138	C8H7FO	000455-36-7	38
4	3-Fluorobenzoic acid, undec-10-e...	292	C18H25FO2	1000279-01-2	38
5	4-Pyridinecarboxylic acid	123	C6H5NO2	000055-22-1	30





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Data File : BG019299.D
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Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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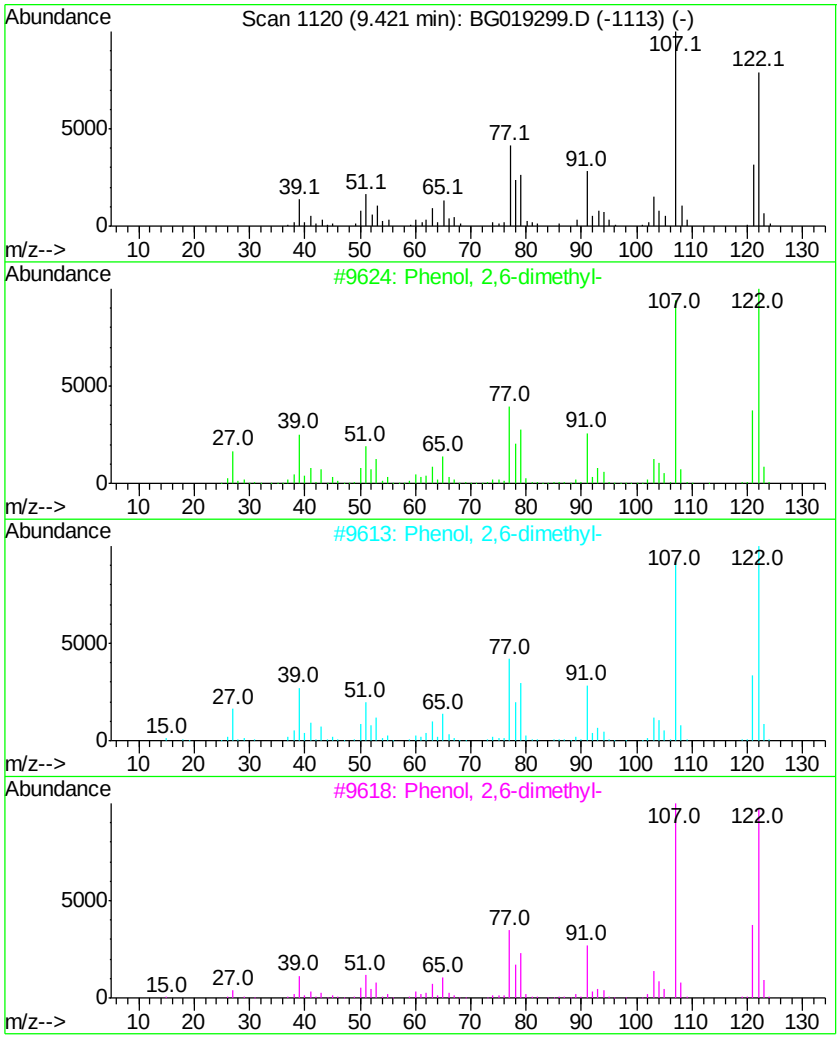
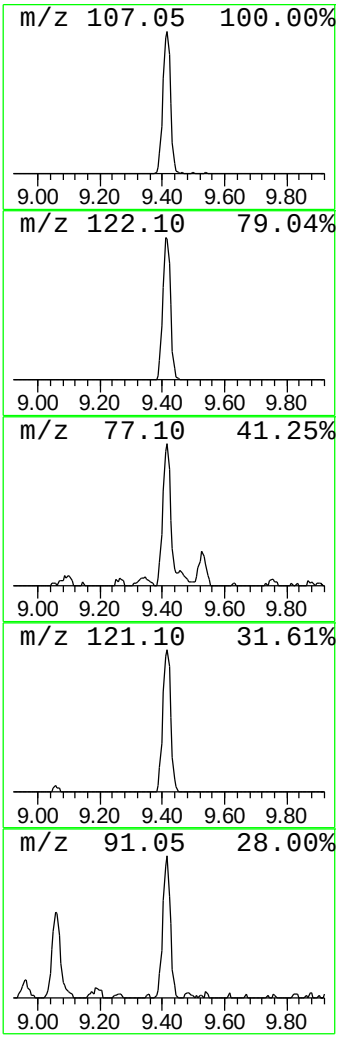
Peak Number 19 Phenol, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	23.83 ng/ul	228479	Naphthalene-d8	10.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	98
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	98
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	97
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	96
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	96





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019299.D
Acq On : 22 Oct 2015 3:03
Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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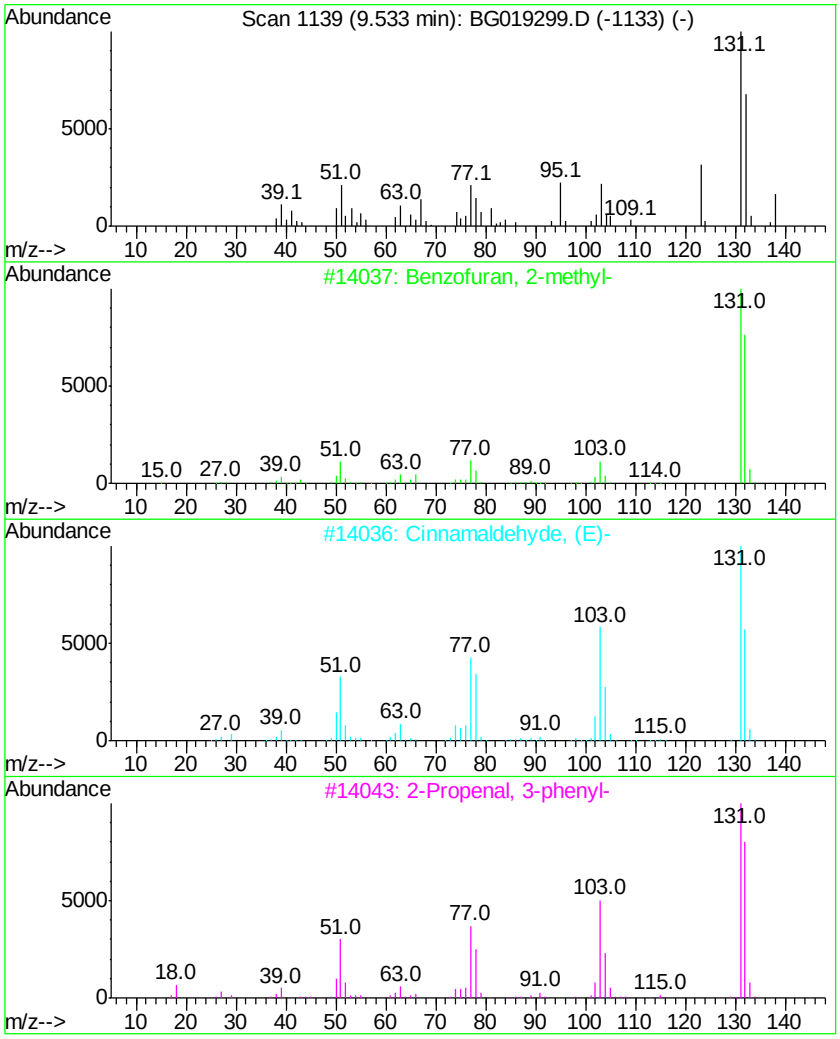
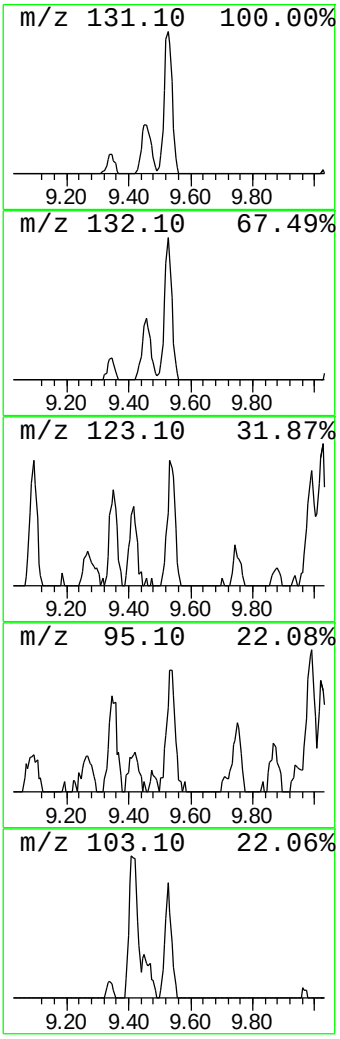
Peak Number 20 Benzofuran, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	8.68 ng/ul	83224	Naphthalene-d8	10.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87





Library Search Compound Report

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Data File : BG019299.D
Acq On : 22 Oct 2015 3:03
Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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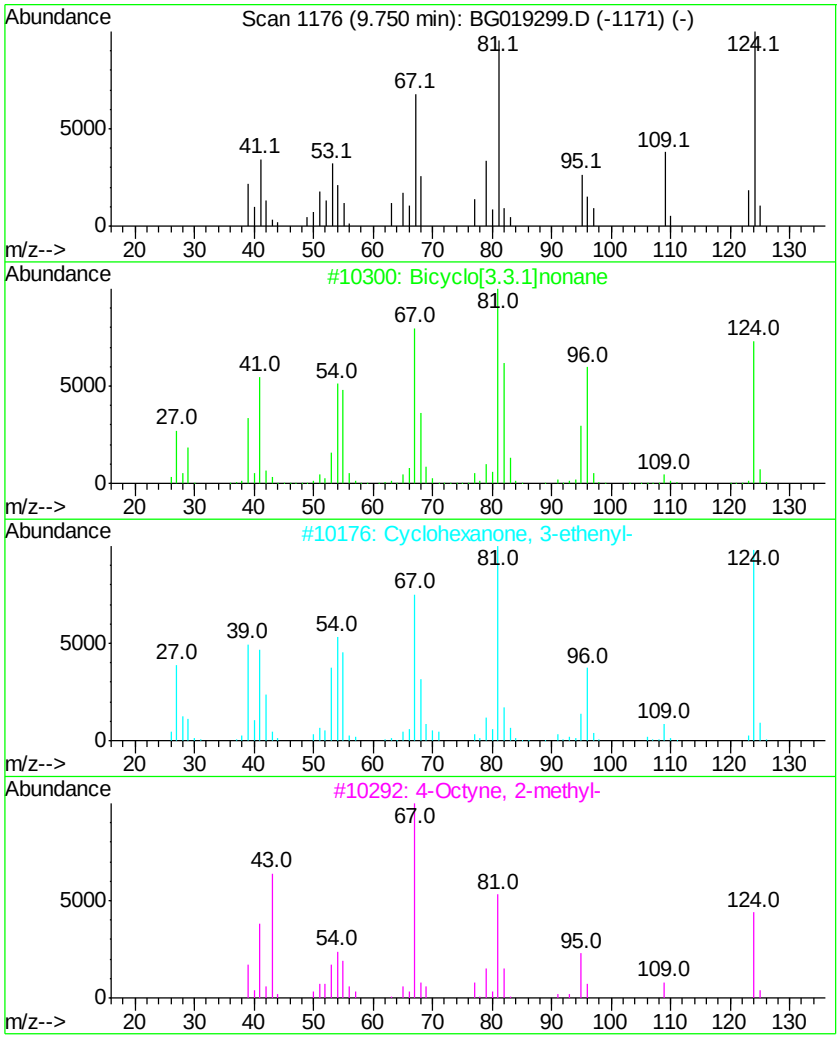
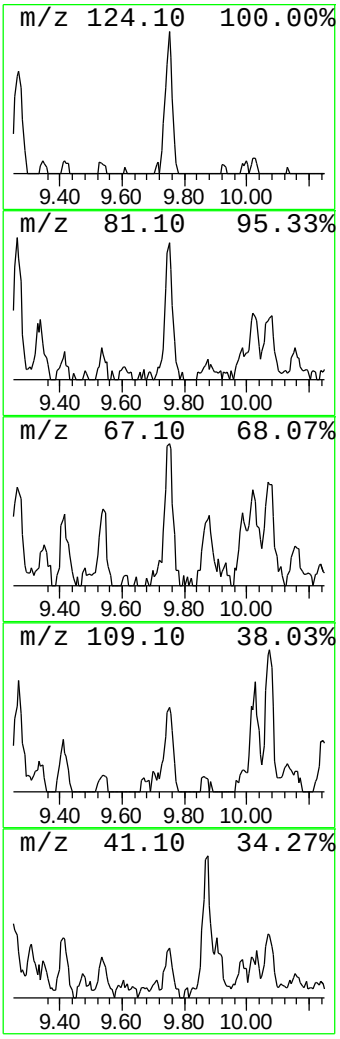
Peak Number 21 Bicyclo[3.3.1]nonane Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	4.49 ng/ul	43023	Naphthalene-d8	10.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	72
2	Cyclohexanone, 3-ethenyl-	124	C8H12O	001740-63-2	68
3	4-Octyne, 2-methyl-	124	C9H16	010306-94-2	58
4	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	50
5	4,6-Dimethyl-2-pyrimidone	124	C6H8N2O	000108-79-2	41





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Data File : BG019299.D
Acq On : 22 Oct 2015 3:03
Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

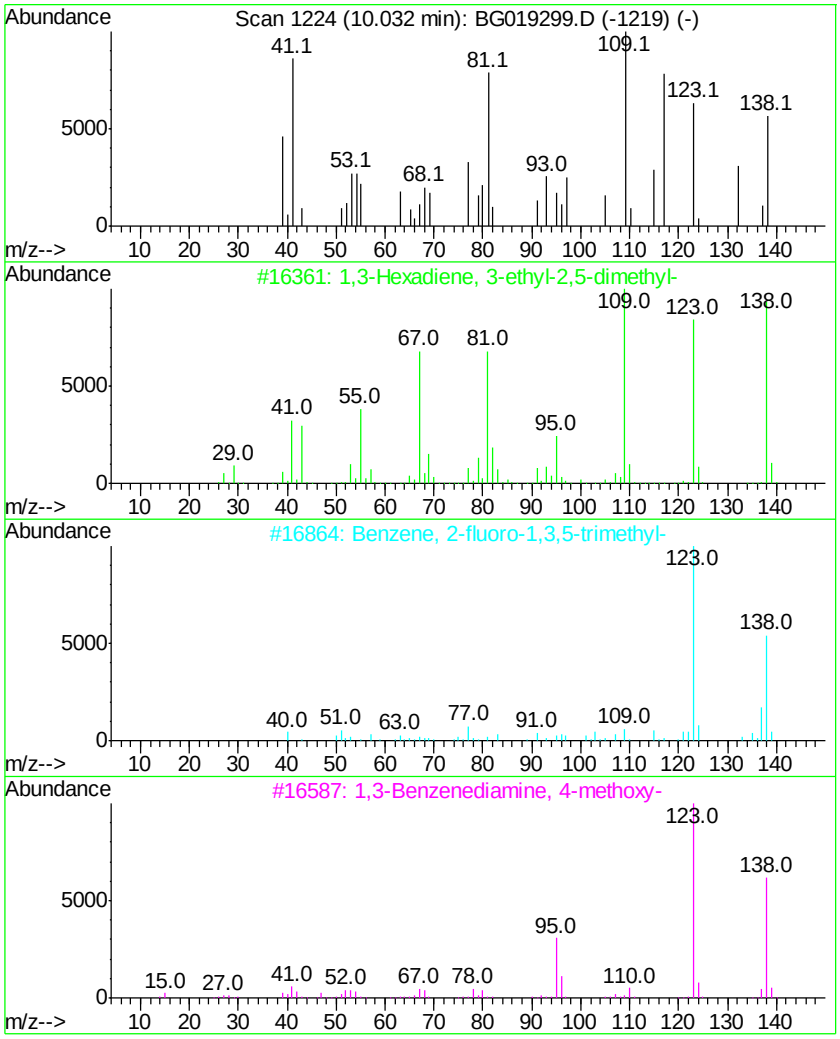
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

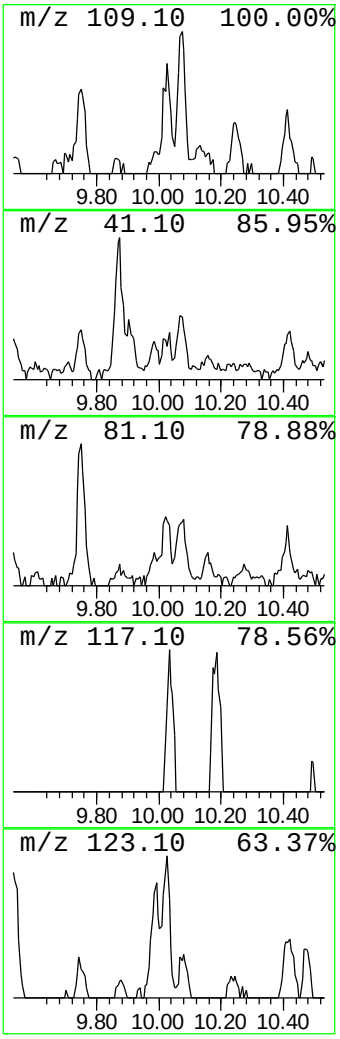
****

Peak Number 22 1,3-Hexadiene, 3-ethyl-2,5-... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	3.50 ng/ul	33606	Naphthalene-d8	10.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Hexadiene, 3-ethyl-2,5-dimet...	138	C10H18	062338-07-2	81
2	Benzene, 2-fluoro-1,3,5-trimethyl-	138	C9H11F	000392-69-8	43
3	1,3-Benzenediamine, 4-methoxy-	138	C7H10N2O	000615-05-4	38
4	1,3-Benzenediol, 4-ethyl-	138	C8H10O2	002896-60-8	35
5	2-(2-Methylcyclopropyl)thiophene	138	C8H10S	087688-54-8	35





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Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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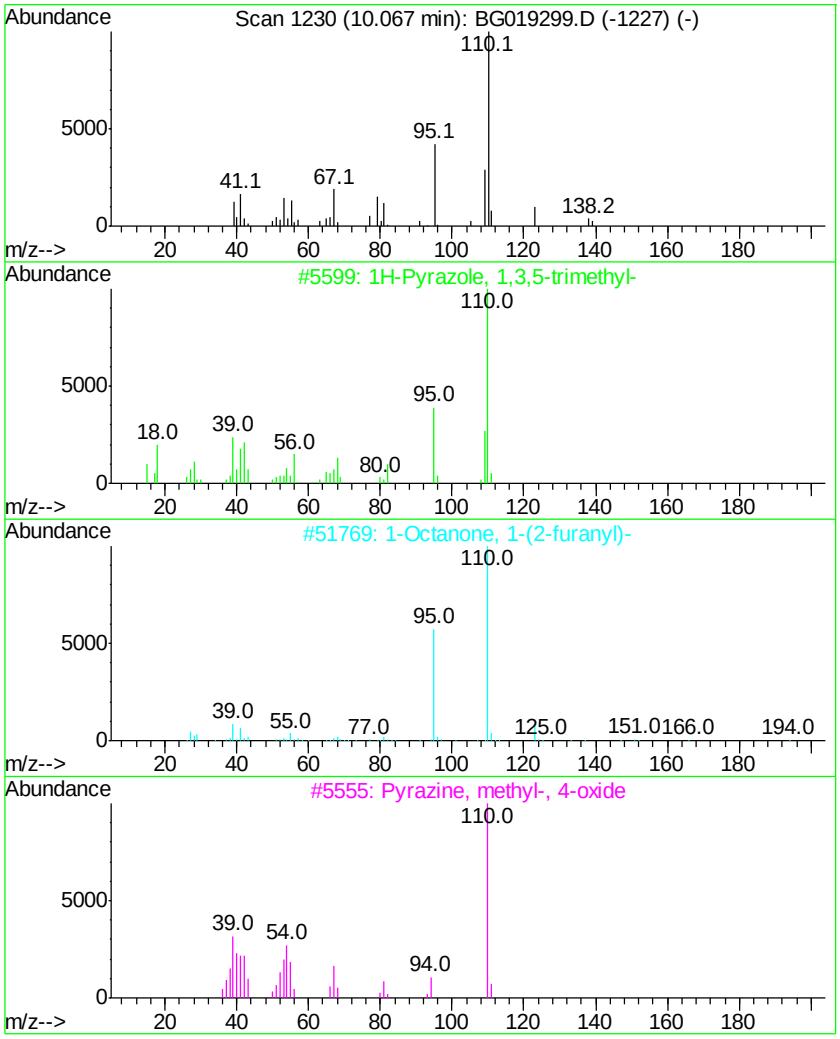
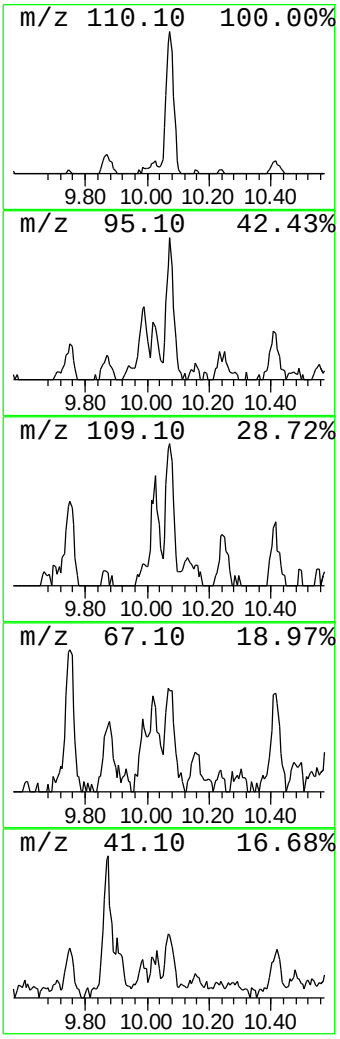
Peak Number 23 1H-Pyrazole, 1,3,5-trimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	6.24 ng/ul	59847	Naphthalene-d8	10.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 1,3,5-trimethyl-	110	C6H10N2	001072-91-9	64
2	1-Octanone, 1-(2-furanyl)-	194	C12H18O2	005456-77-9	53
3	Pyrazine, methyl-, 4-oxide	110	C5H6N2O	025594-37-0	43
4	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	40
5	Phenol, 3-butoxy-	166	C10H14O2	018979-72-1	38





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Acq On : 22 Oct 2015 3:03
Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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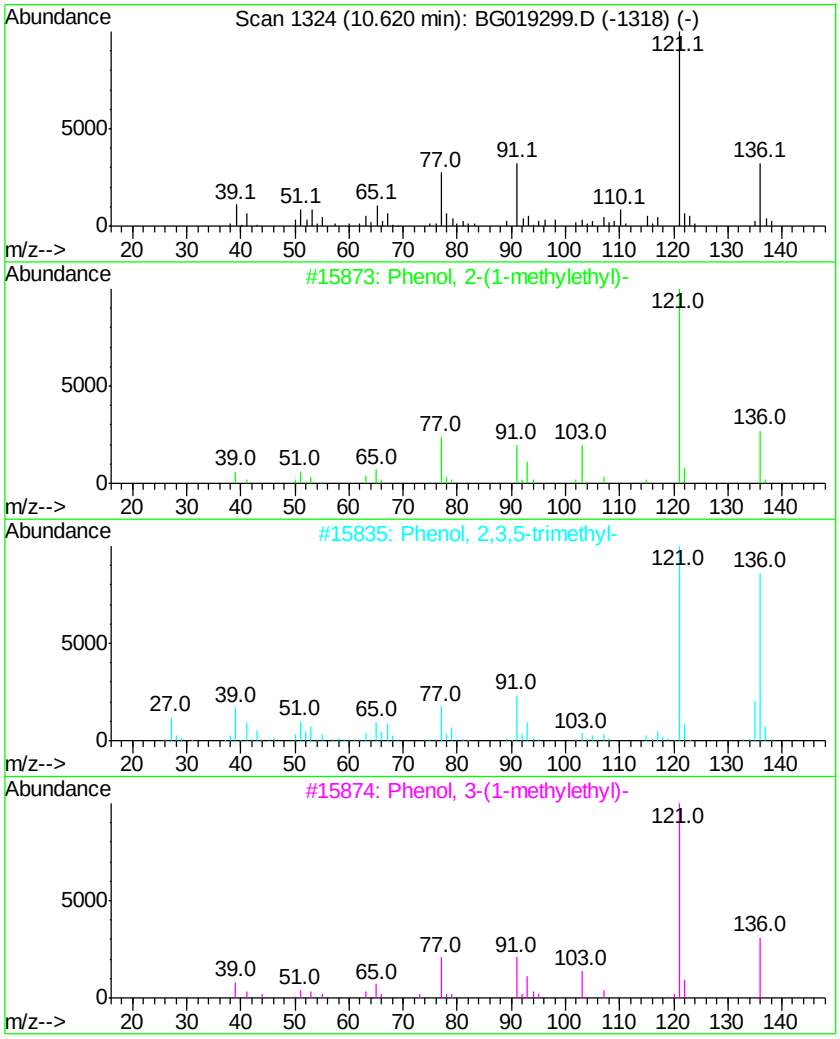
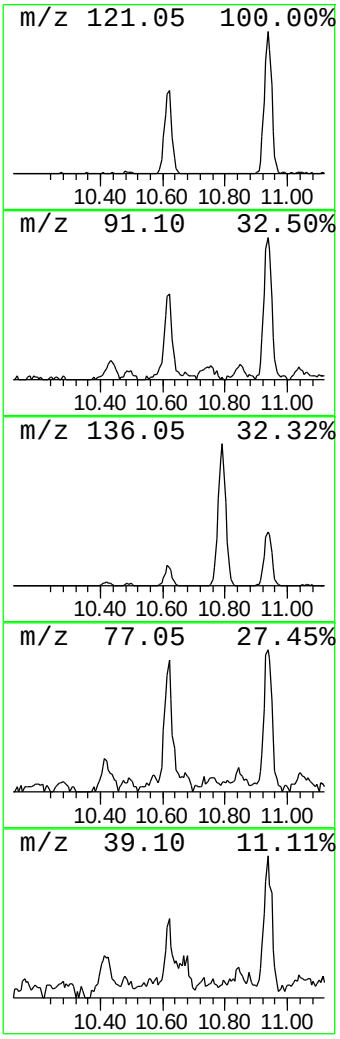
Peak Number 24 Phenol, 2-(1-methylethyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	11.13 ng/ul	106736	Naphthalene-d8	10.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	83
2	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	72
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	72
4	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	72
5	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	64





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Data File : BG019299.D
Acq On : 22 Oct 2015 3:03
Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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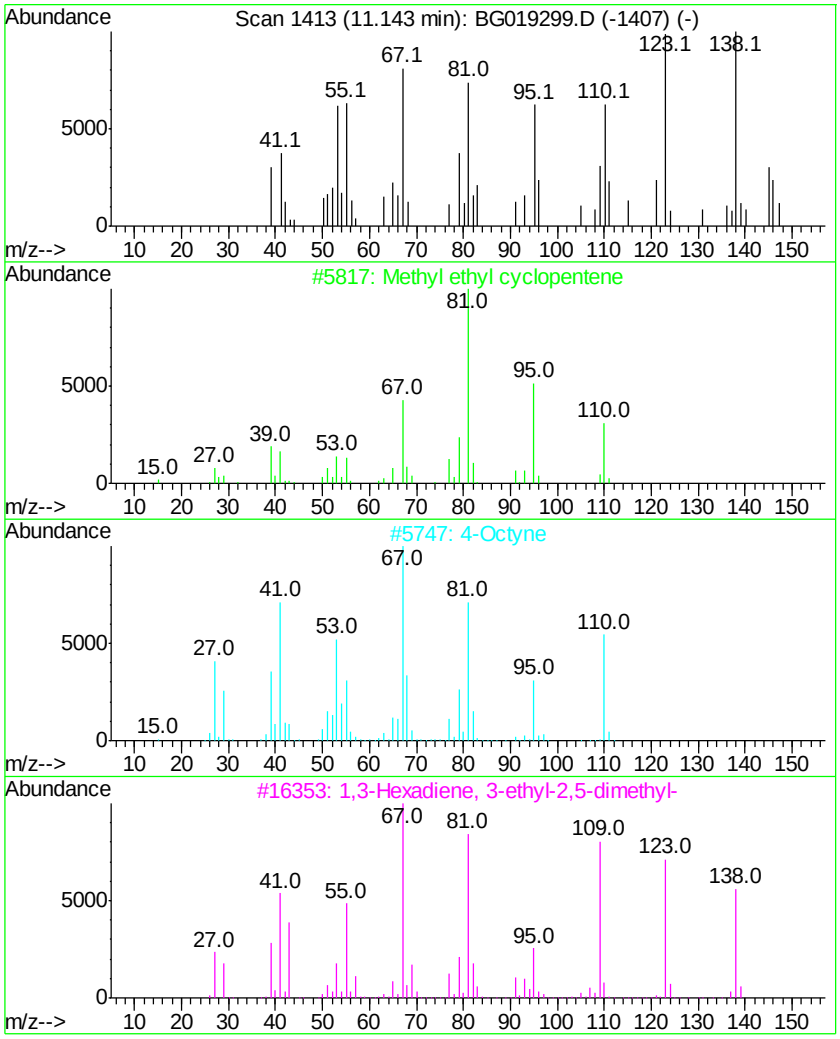
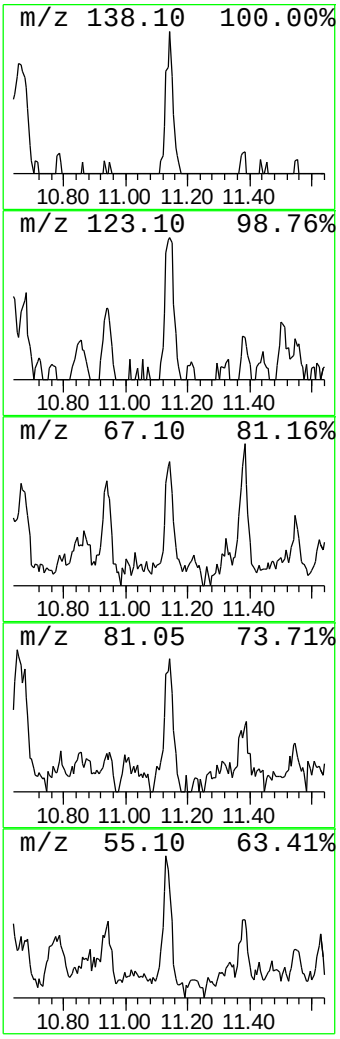
Peak Number 25 Methyl ethyl cyclopentene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	5.19 ng/ul	49806	Naphthalene-d8	10.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	55
2	4-Octyne	110	C8H14	001942-45-6	46
3	1,3-Hexadiene, 3-ethyl-2,5-dimet...	138	C10H18	062338-07-2	43
4	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	002778-68-9	38
5	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	38





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Acq On : 22 Oct 2015 3:03
Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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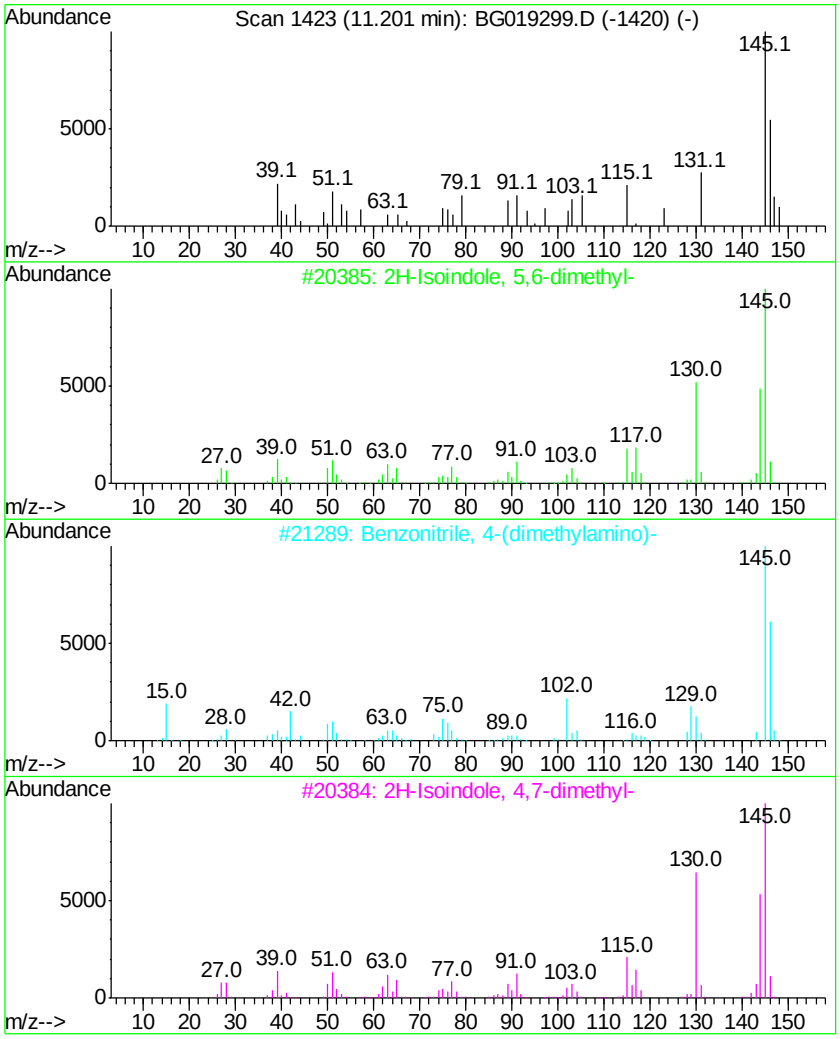
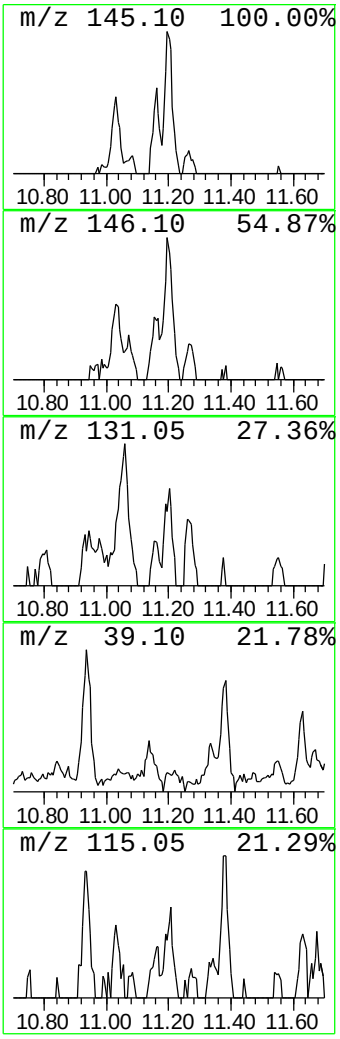
Peak Number 26 unknown-04 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	2.71 ng/ul	25948	Naphthalene-d8	10.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Isoindole, 5,6-dimethyl-	145	C10H11N	070187-63-2	47
2	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	46
3	2H-Isoindole, 4,7-dimethyl-	145	C10H11N	070187-62-1	43
4	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	38
5	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	38





Library Search Compound Report

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Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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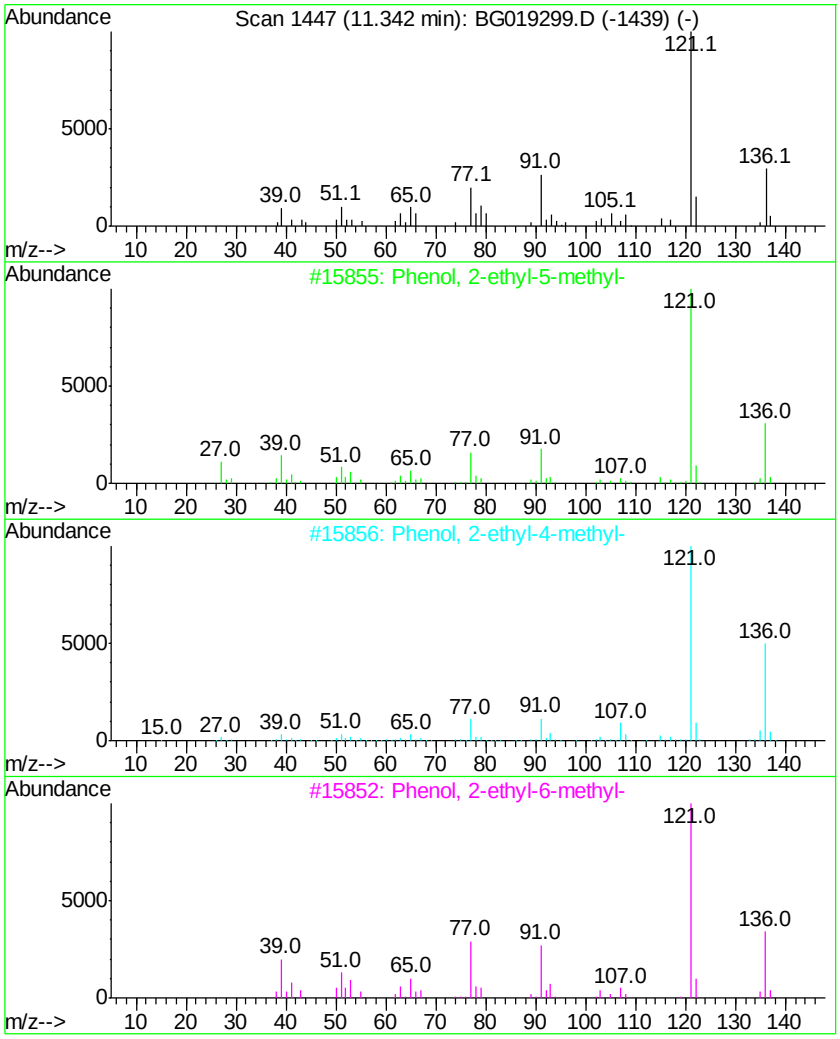
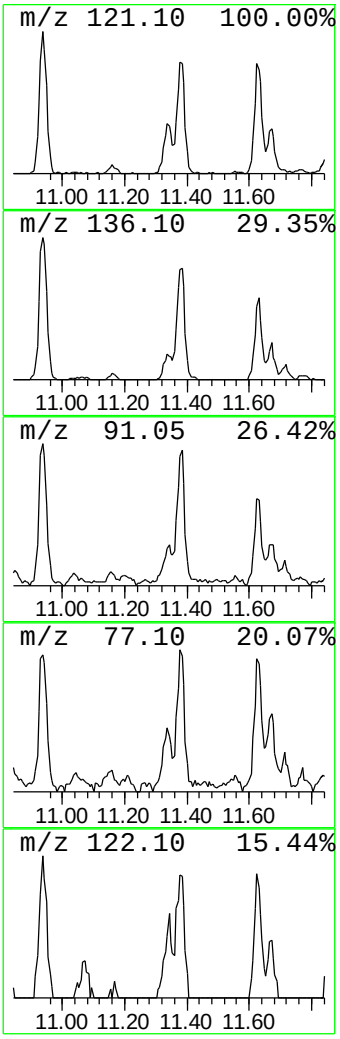
Peak Number 27 Phenol, 2-ethyl-5-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	6.43 ng/ul	61699	Naphthalene-d8	10.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	87
2	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	87
3	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	87
4	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	83
5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	83





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Acq On : 22 Oct 2015 3:03
Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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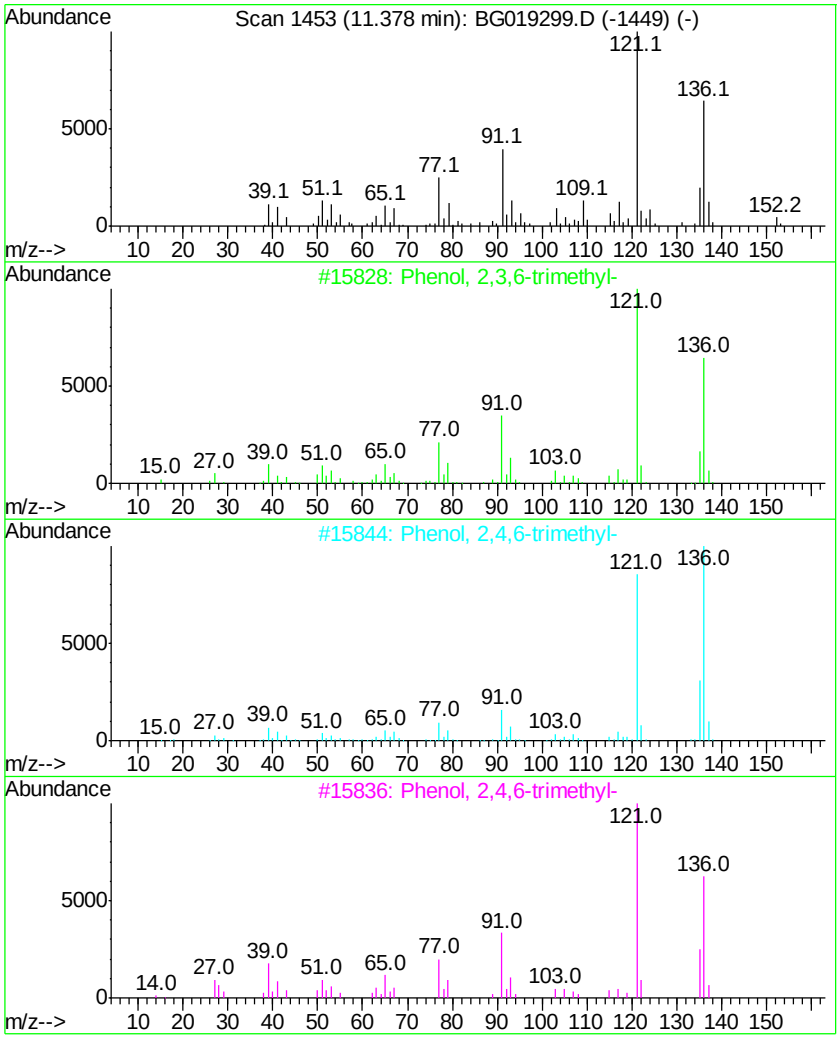
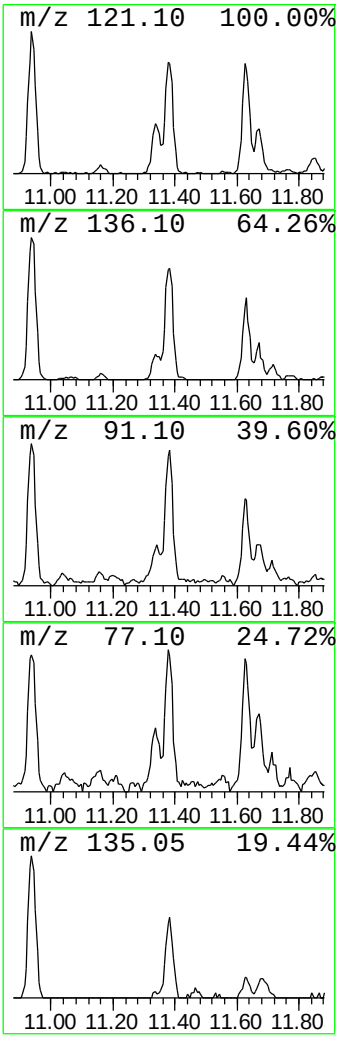
Peak Number 28 Phenol, 2,3,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	18.14 ng/ul	173920	Naphthalene-d8	10.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	96
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	95
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	95
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	93
5	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	87





Library Search Compound Report

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Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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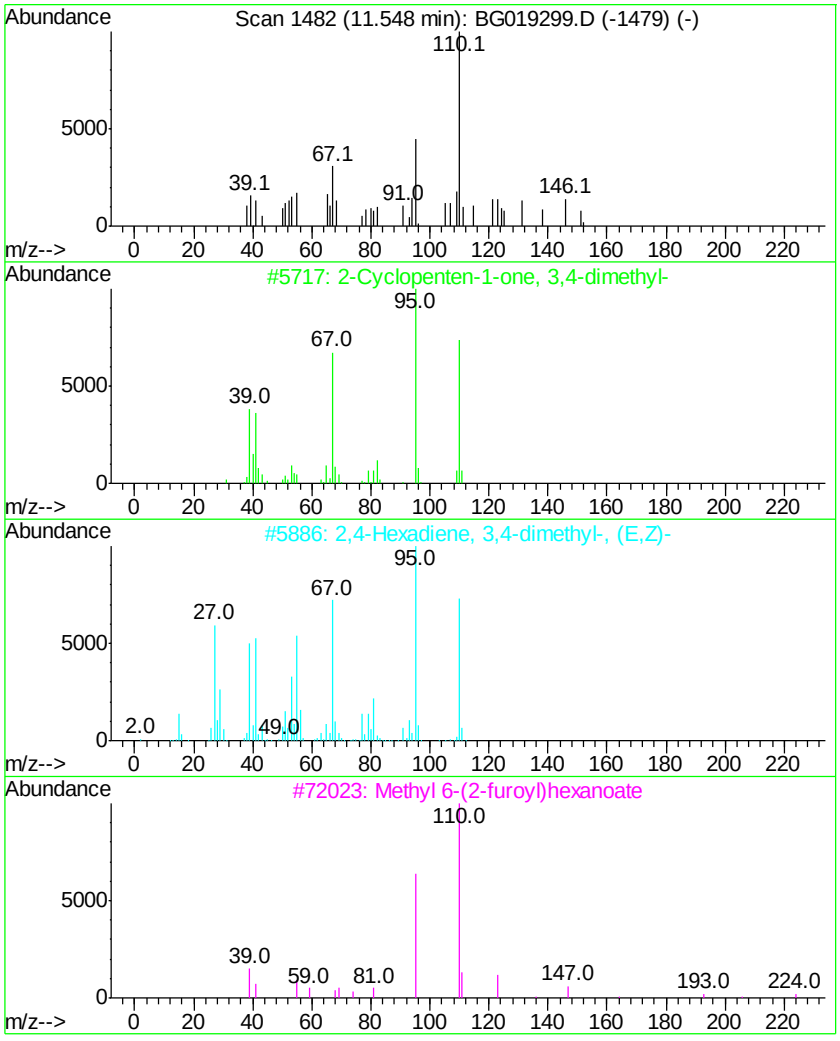
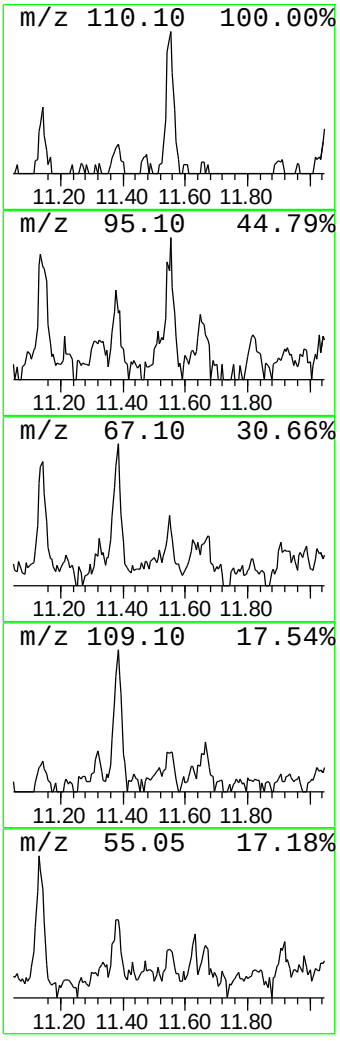
Peak Number 29 2-Cyclopenten-1-one, 3,4-di... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	2.64 ng/ul	25345	Naphthalene-d8	10.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3,4-dimethyl-	110	C7H10O	030434-64-1	52
2	2,4-Hexadiene, 3,4-dimethyl-, (E...	110	C8H14	002417-88-1	50
3	Methyl 6-(2-furoyl)hexanoate	224	C12H16O4	004219-21-0	50
4	3-Cyclopenten-1-one, 2,2,5,5-tet...	138	C9H14O	081396-36-3	50
5	4-Amino-2(1H)-pyridinone	110	C5H6N2O	038767-72-5	38





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Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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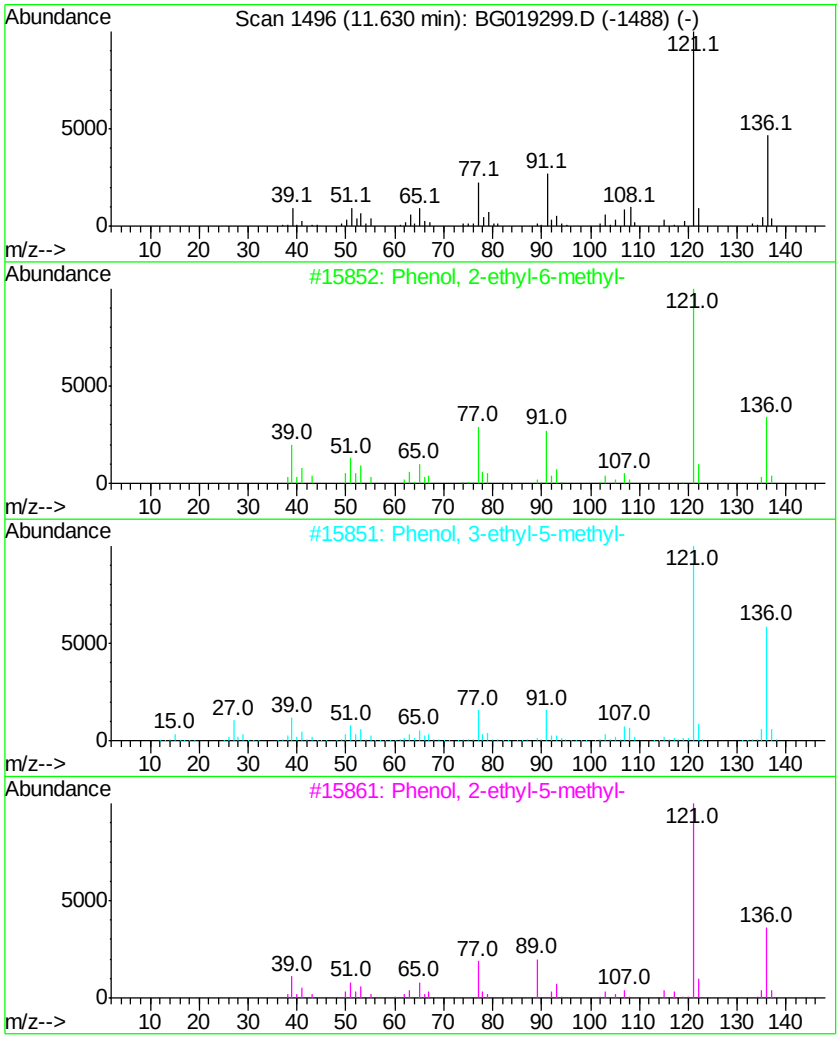
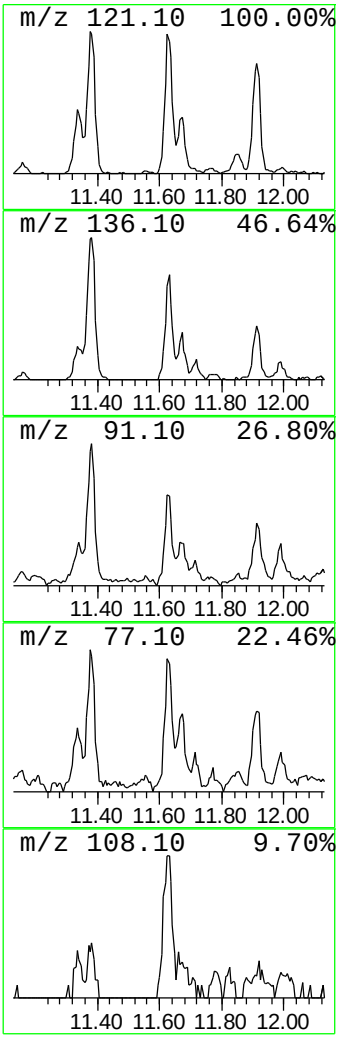
Peak Number 30 Phenol, 2-ethyl-6-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	12.83 ng/ul	123019	Naphthalene-d8	10.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	91
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	91
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	87
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	87
5	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	87





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Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

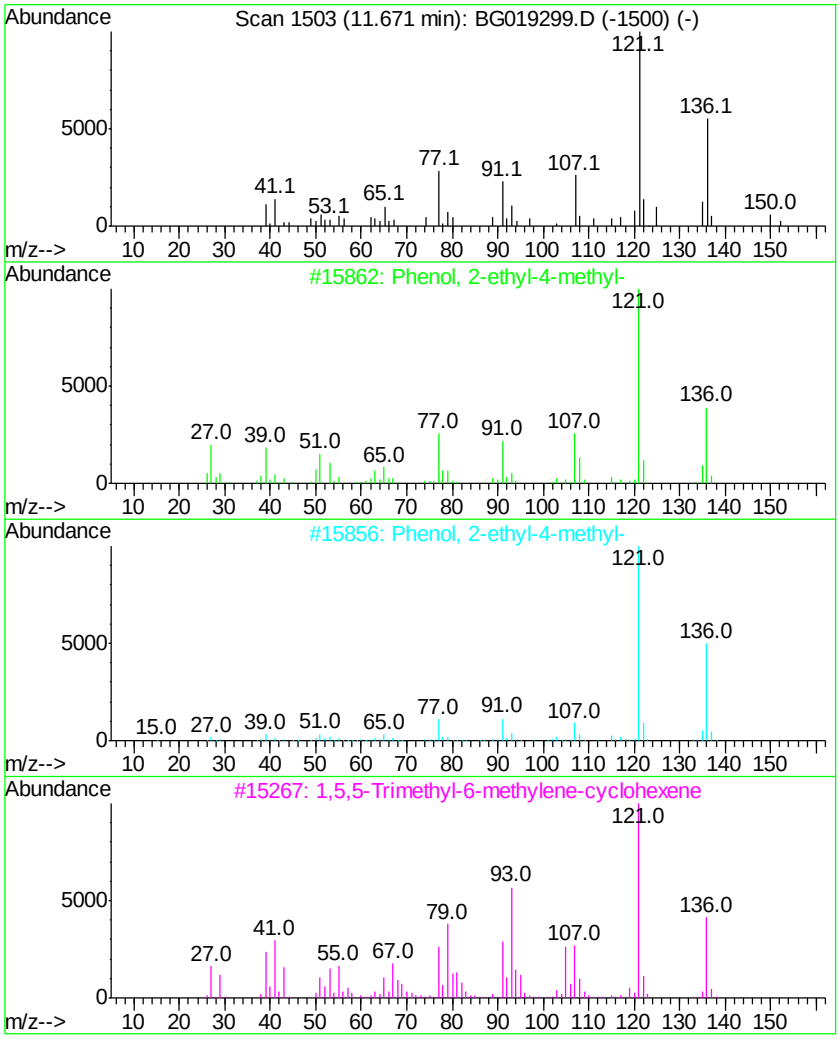
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

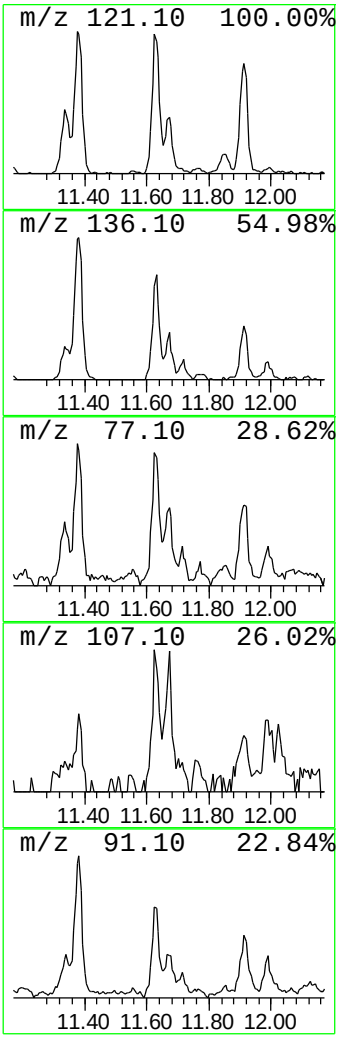
****

Peak Number 31 Phenol, 2-ethyl-4-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	4.54 ng/ul	43555	Naphthalene-d8	10.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	86
2	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	81
3	1,5,5-Trimethyl-6-methylene-cycl...	136	C10H16	000514-95-4	80
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	76
5	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019299.D
Acq On : 22 Oct 2015 3:03
Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

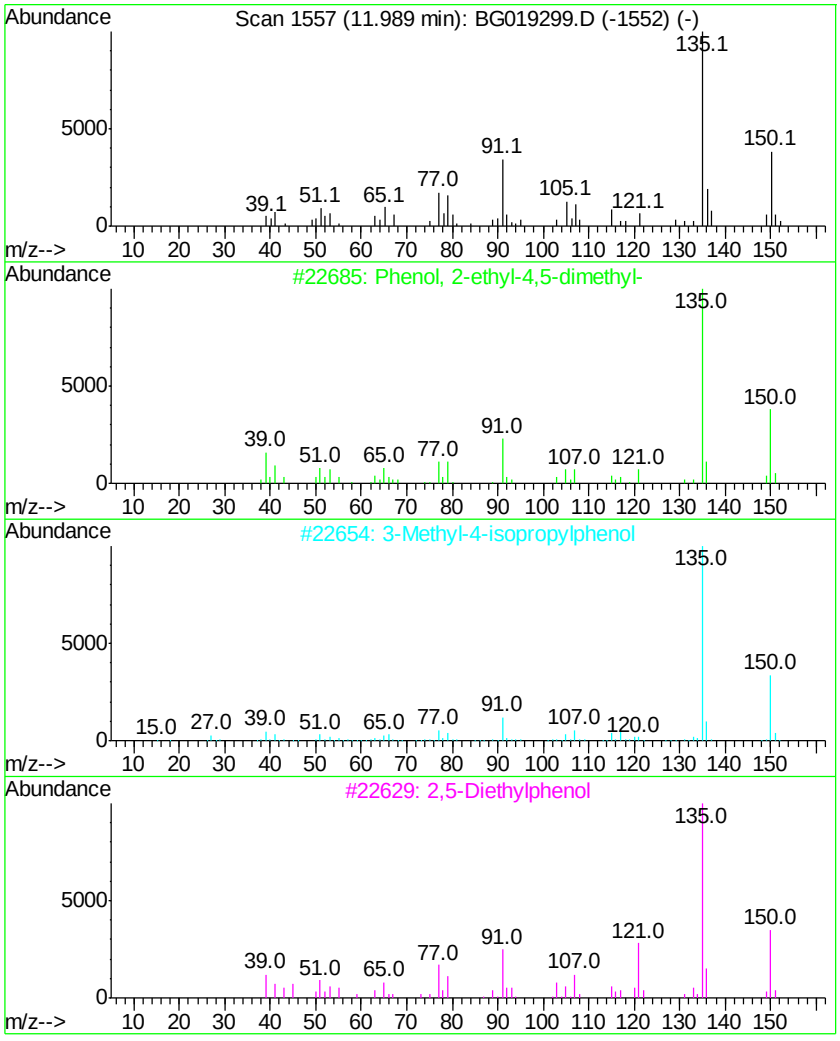
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

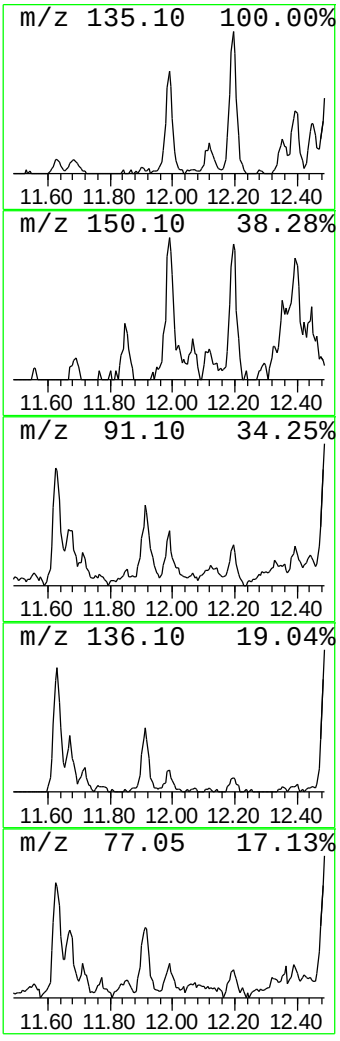
****

Peak Number 33 Phenol, 2-ethyl-4,5-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	4.24 ng/ul	40639	Naphthalene-d8	10.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4,5-dimethyl-	150	C10H14O	002219-78-5	87
2	3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	83
3	2,5-Diethylphenol	150	C10H14O	000876-20-0	74
4	Thymol	150	C10H14O	000089-83-8	72
5	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102115\
Data File : BG019299.D
Acq On : 22 Oct 2015 3:03
Operator : UM/NP
Sample : G4057-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.15	22.5	ng/ul	111169	1	7.98	98938	20.0
Cyclopentane, 1,2...	7.38	5.4	ng/ul	26774	1	7.98	98938	20.0
unknown-01	7.63	2.3	ng/ul	11331	1	7.98	98938	20.0
E-11,13-Tetradeca...	7.72	2.1	ng/ul	10649	1	7.98	98938	20.0
(DEL) Alkane: Str...	7.81	4.9	ng/ul	24299	1	7.98	98938	20.0
2,3,4,5-Tetrahydr...	8.29	9.1	ng/ul	45087	1	7.98	98938	20.0
unknown-02	8.37	4.4	ng/ul	21958	1	7.98	98938	20.0
Indene	8.52	2.2	ng/ul	10896	1	7.98	98938	20.0
2-Cyclopenten-1-o...	8.63	14.5	ng/ul	71535	1	7.98	98938	20.0
(DEL) Alkane: Str...	8.95	5.5	ng/ul	27261	1	7.98	98938	20.0
Cyclohexane, 1,2-...	9.01	3.1	ng/ul	15454	1	7.98	98938	20.0
Benzofuran, 2,3-d...	9.06	10.0	ng/ul	49344	1	7.98	98938	20.0
2-Cyclopenten-1-o...	9.09	13.7	ng/ul	67516	1	7.98	98938	20.0
Cyclohexane, (1-m...	9.26	11.0	ng/ul	54413	1	7.98	98938	20.0
Cyclohexane, 1,2-...	9.31	2.1	ng/ul	10458	1	7.98	98938	20.0
unknown-03	9.34	7.0	ng/ul	34785	1	7.98	98938	20.0
Phenol, 2,6-dimet...	9.42	23.8	ng/ul	228479	2	10.79	191788	20.0
Benzofuran, 2-met...	9.53	8.7	ng/ul	83224	2	10.79	191788	20.0
Bicyclo[3.3.1]nonane	9.75	4.5	ng/ul	43023	2	10.79	191788	20.0
1,3-Hexadiene, 3-...	10.03	3.5	ng/ul	33606	2	10.79	191788	20.0
1H-Pyrazole, 1,3,...	10.07	6.2	ng/ul	59847	2	10.79	191788	20.0
Phenol, 2-(1-meth...	10.62	11.1	ng/ul	106736	2	10.79	191788	20.0
Methyl ethyl cycl...	11.14	5.2	ng/ul	49806	2	10.79	191788	20.0
unknown-04	11.20	2.7	ng/ul	25948	2	10.79	191788	20.0
Phenol, 2-ethyl-5...	11.34	6.4	ng/ul	61699	2	10.79	191788	20.0
Phenol, 2,3,6-tri...	11.38	18.1	ng/ul	173920	2	10.79	191788	20.0
2-Cyclopenten-1-o...	11.55	2.6	ng/ul	25345	2	10.79	191788	20.0
Phenol, 2-ethyl-6...	11.63	12.8	ng/ul	123019	2	10.79	191788	20.0
Phenol, 2-ethyl-4...	11.67	4.5	ng/ul	43555	2	10.79	191788	20.0
Phenol, 2-ethyl-4...	11.99	4.2	ng/ul	40639	2	10.79	191788	20.0