LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

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-BG100415.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	3.147	46	52	60	rBV	61517	111113	13.33%	0.939%
2	3.223	60	65	74	rVV	157800	218952	26.26%	1.850%
3	7.195	733	741	747	rBV	26824	44475	5.34%	0.376%
4	7.359	763	769	777	rBV	69714	119595	14.35%	1.010%
5	7.518	791	796	799	rVV5	4956	9817	1.18%	0.083%
6	7.565	799	804	813	rVB	77057	135649	16.27%	1.146%
7	7.859	848	854	860	rVB3	13674	23991	2.88%	0.203%
8	8.035	878	884	891	rVV	80741	141579	16.98%	1.196%
9	8.100	891	895	903	rVV6	5042	9673	1.16%	0.082%
10	8.341	931	936	941	rVB2	13359	21840	2.62%	0.184%
11	8.423	943	950	960	rBV5	7911	22540	2.70%	0.190%
12	8.681	986	994	999	rBV2	41894	74389	8.92%	0.628%
13	8.740	999	1004	1011	rVB	69170	118185	14.18%	0.998%
14	9.005	1044	1049	1055	rVV4	14822	24425	2.93%	0.206%
15	9.063	1055	1059	1062	rVV3	9473	14661	1.76%	0.124%
16	9.104	1062	1066	1069	rVV3	24159	42860	5.14%	0.362%
17	9.140	1069	1072	1076	rVV	47278	77422	9.29%	0.654%
18	9.193	1076	1081	1088	rVV	105206	186618	22.39%	1.576%
19	9.310	1094	1101	1106	rVV4	22384	44970	5.39%	0.380%
20	9.357	1106	1109	1111	rVV2	11014	16314	1.96%	0.138%
21	9.398	1112	1116	1121	rVV4	20015	35098	4.21%	0.296%
22	9.457	1121	1126	1131	rVV4	36643	66349	7.96%	0.560%
23	9.510	1132	1135	1141	rVV4	11705	25054	3.01%	0.212%
24	9.580	1141	1147	1157	rVV4	40935	76354	9.16%	0.645%
25	9.798	1179	1184	1191	rVB3	23122	39970	4.79%	0.338%
26	9.915	1198	1204	1210	rBV	96044	183715	22.04%	1.552%
27	10.039	1216	1225	1228	rBV4	14630	31516	3.78%	0.266%
28	10.074	1228	1231	1235	rVV3	17988	30904	3.71%	0.261%
29	10.121	1235	1239	1246	rVB	26980	47069	5.65%	0.398%
30	10.315	1267	1272	1282	rVB8	13191	36081	4.33%	0.305%
31	10.462	1289	1297	1305	rBV	137548	259662	31.15%	2.193%
32	10.526	1305	1308	1315	rVB4	6968	11207	1.34%	0.095%
33	10.661	1326	1331	1337	rBV2	41076	86954	10.43%	0.735%
34	10.844	1354	1362	1368	rBV	116110	209381	25.12%	1.769%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

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-BG100415.M
Title : SVOA CALIBRATION

35	10.896	1368	1371	1380	rVB9	8447	16301	1.96%	0.138%
36	10.985	1380	1386	1393	rVB	67898	117653	14.11%	0.994%
37	11.079	1395	1402	1403	rBV4	7220	9847	1.18%	0.083%
38	11.108	1403	1407	1413	rVB	18870	34124	4.09%	0.288%
39	11.190	1414	1421	1428	rVB6	28517	60647	7.28%	0.512%
40	11.255	1428	1432	1440	rVB6	11666	23066	2.77%	0.195%
41	11.378	1447	1453	1457	rBV	97651	171444	20.57%	1.448%
42	11.431	1457	1462	1468	rVB3	70234	125493	15.05%	1.060%
43	11.602	1487	1491	1496	rVB4	13394	20882	2.50%	0.176%
44	11.666	1496	1502	1506	rBV	74089	128325	15.39%	1.084%
45	11.707	1506	1509	1515	rVB2	28796	48469	5.81%	0.409%
46	11.760	1515	1518	1522	rVB4	10215	13375	1.60%	0.113%
47	11.913	1538	1544	1548	rBV	71167	122953	14.75%	1.039%
48	11.948	1548	1550	1560	rVB2	34052	50600	6.07%	0.427%
49	12.036	1560	1565	1568	rBV2	14386	20116	2.41%	0.170%
50	12.242	1595	1600	1606	rVB	15883	23595	2.83%	0.199%
51	12.342	1611	1617	1623	rBV	20129	44152	5.30%	0.373%
52	12.430	1629	1632	1641	rVB5	13262	19974	2.40%	0.169%
53	12.530	1643	1649	1654	rVV	90795	144180	17.30%	1.218%
54	12.594	1654	1660	1669	rVB5	38110	77738	9.33%	0.657%
55	12.706	1676	1679	1692	rVB7	30598	60398	7.25%	0.510%
56	12.818	1693	1698	1701	rBV2	38238	55276	6.63%	0.467%
57	12.859	1701	1705	1712	rVV4	54511	114506	13.74%	0.967%
58	12.929	1714	1717	1725	rVB2	35353	64037	7.68%	0.541%
59	13.018	1725	1732	1737	rBV3	72383	156245	18.74%	1.320%
60	13.076	1737	1742	1747	rVV5	59356	122233	14.66%	1.033%
61	13.123	1747	1750	1755	rVB2	24141	33663	4.04%	0.284%
62	13.347	1781	1788	1789	rBV3	12784	21009	2.52%	0.177%
63	13.405	1795	1798	1802	rVB4	18572	23052	2.77%	0.195%
64	13.458	1802	1807	1812	rBV4	24760	42538	5.10%	0.359%
65	13.535	1813	1820	1825	rBV6	25275	58964	7.07%	0.498%
66	13.629	1832	1836	1843	rVB3	54855	101406	12.16%	0.857%
67	13.793	1858	1864	1867	rBV3	50073	93832	11.26%	0.793%
68	13.828	1867	1870	1878	rVV3	53308	112448	13.49%	0.950%
69	13.928	1879	1887	1891	rVV5	34658	73165	8.78%	0.618%
70	13.999	1894	1899	1902	rVV5	34865	71155	8.54%	0.601%
71	14.069	1906	1911	1918	rVB	278688	419818	50.36%	3.546%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

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-BG100415.M
Title : SVOA CALIBRATION

72	14.157	1918	1926	1936	rBV4	85190	197671	23.71%	1.670%
73	14.240	1936	1940	1945	rBV4	19258	41776	5.01%	0.353%
74	14.357	1954	1960	1971	rVB	281928	457434	54.87%	3.864%
75	14.480	1976	1981	1983	rBV5	9007	15150	1.82%	0.128%
76	14.522	1985	1988	1993	rBV3	11659	18512	2.22%	0.156%
77	14.663	2006	2012	2020	rBV2	217465	387203	46.45%	3.271%
78	14.733	2021	2024	2028	rVB	37698	49814	5.98%	0.421%
79	14.857	2042	2045	2051	rVB	63092	91205	10.94%	0.770%
80	14.956	2058	2062	2066	rBV4	16707	32769	3.93%	0.277%
81	15.444	2142	2145	2148	rBV5	10851	12634	1.52%	0.107%
82	15.538	2158	2161	2167	rBV7	11539	20402	2.45%	0.172%
83	15.656	2175	2181	2187	rVB	383440	569083	68.27%	4.807%
84	15.767	2194	2200	2206	rVB2	145557	223521	26.81%	1.888%
85	15.867	2213	2217	2220	rBV2	21067	24984	3.00%	0.211%
86	15.902	2220	2223	2227	rVB5	14669	18650	2.24%	0.158%
87	15.955	2228	2232	2237	rBV	197502	254154	30.49%	2.147%
88	16.084	2248	2254	2258	rBV3	22060	44619	5.35%	0.377%
89	16.701	2357	2359	2363	rVB4	14203	14210	1.70%	0.120%
90	17.142	2430	2434	2437	rVB5	11650	17815	2.14%	0.150%
91	17.412	2474	2480	2485	rBV	274019	416438	49.95%	3.518%
92	17.506	2490	2496	2504	rVV	434929	677568	81.28%	5.724%
93	17.600	2508	2512	2518	rVB7	17618	29991	3.60%	0.253%
94	17.782	2540	2543	2547	rVB3	13341	14102	1.69%	0.119%
95	19.357	2809	2811	2817	rBV6	6247	11266	1.35%	0.095%
96	19.716	2870	2872	2876	rVB3	12014	12694	1.52%	0.107%
97	19.798	2879	2886	2895	rVV	567426	833632	100.00%	7.042%
98	21.684	3201	3207	3213	rVB	337266	536684	64.38%	4.534%
99	24.698	3709	3720	3730	rVB	292258	806906	96.79%	6.816%
100	24.909	3747	3756	3774	rVB2	176647	512121	61.43%	4.326%

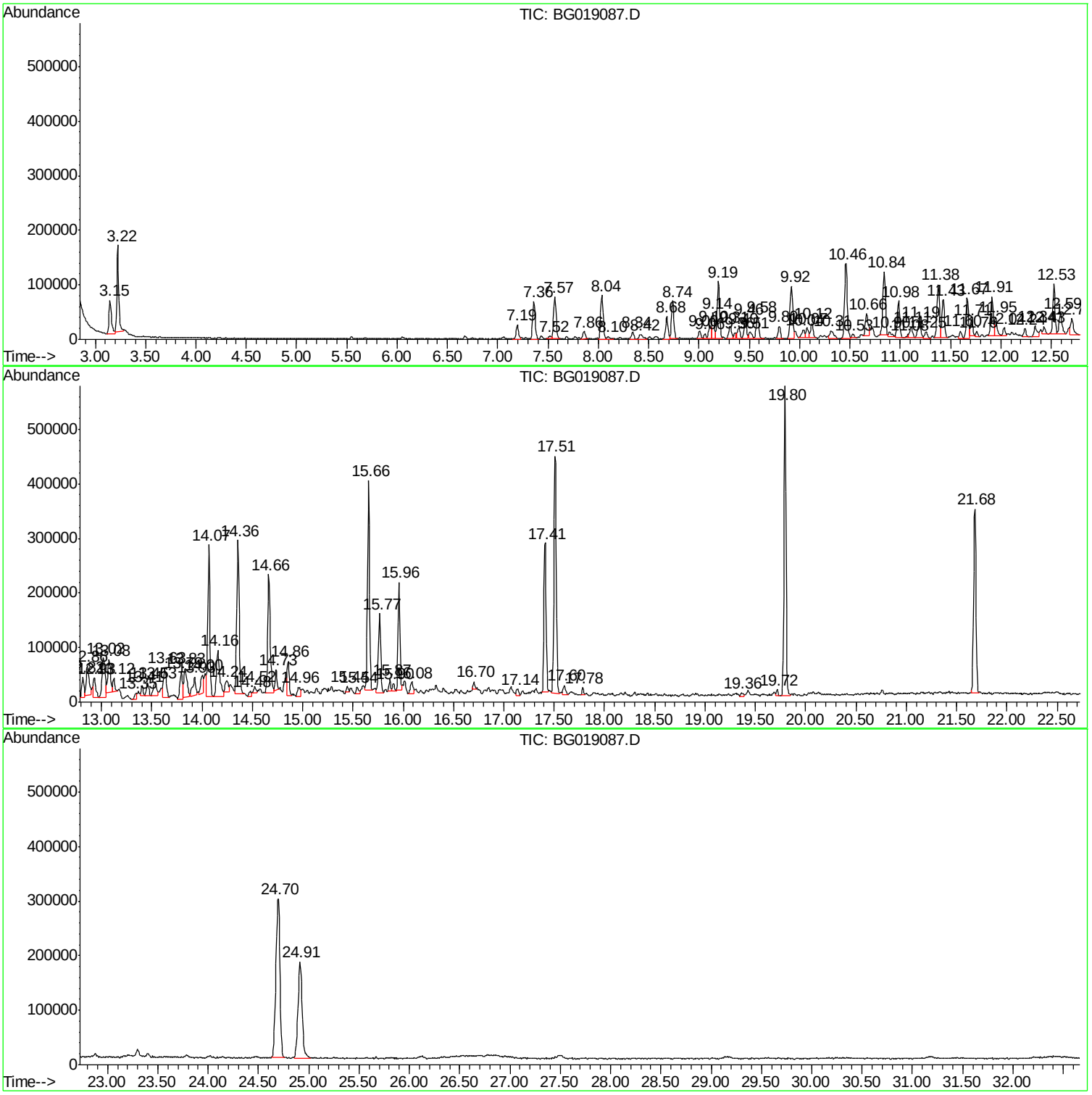
Sum of corrected areas: 11838069

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

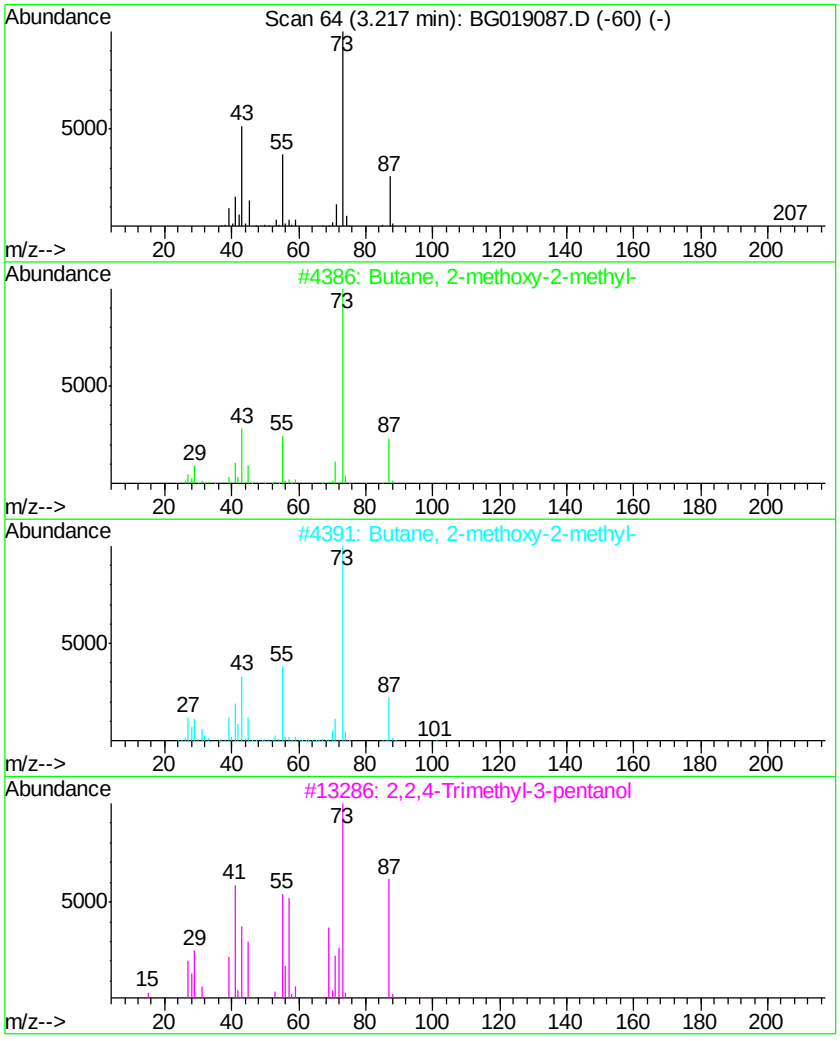
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

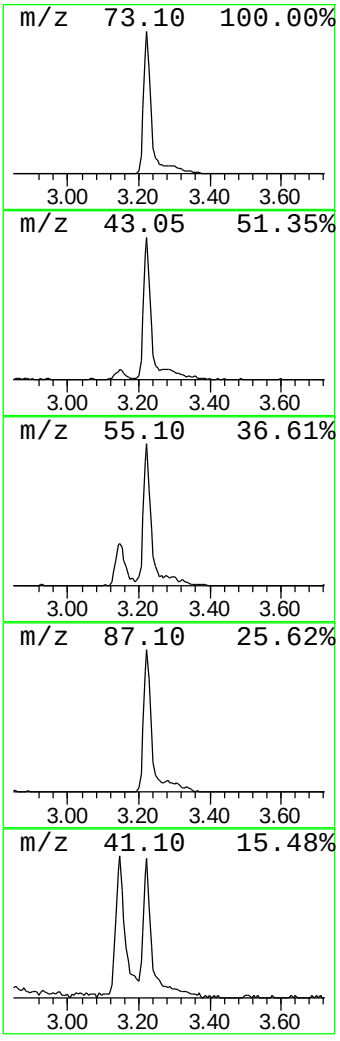
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	30.93 ng/ul	218952	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

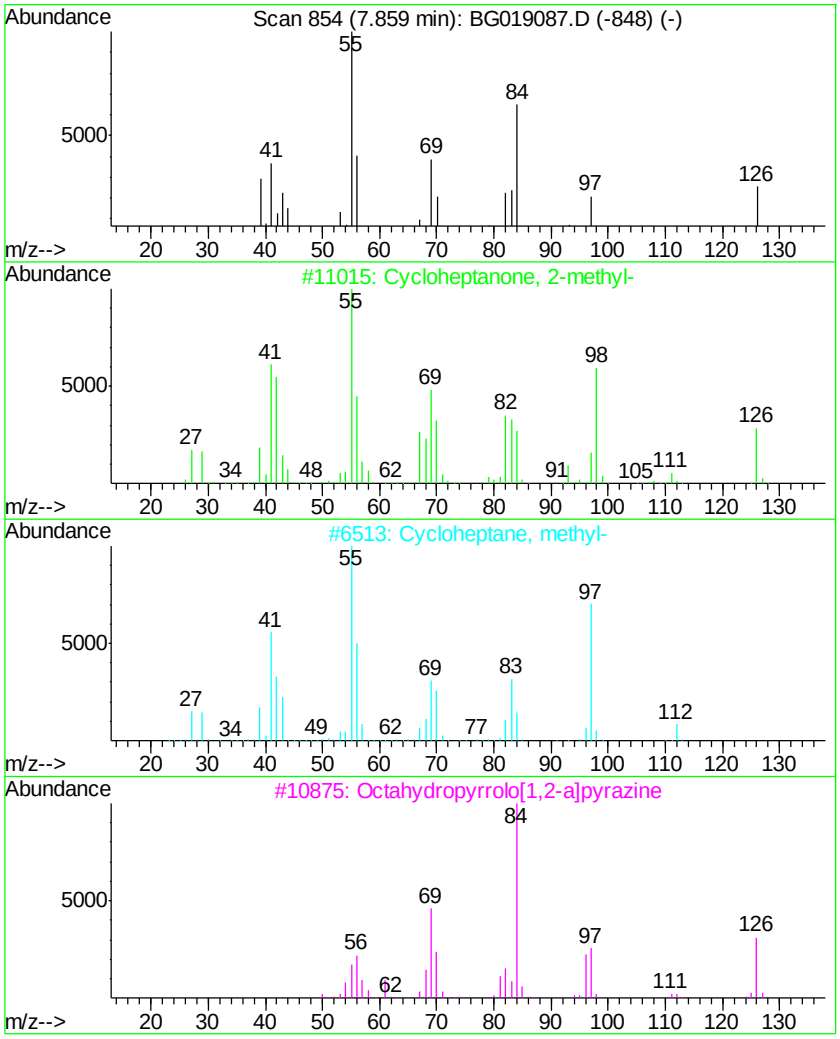
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

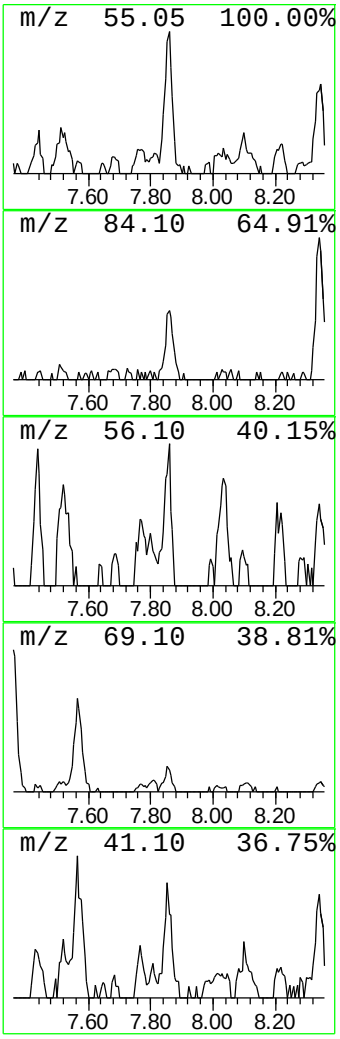
****

Peak Number 3 Cycloheptanone, 2-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	3.39 ng/ul	23991	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptanone, 2-methyl-	126	C8H14O	000932-56-9	53
2	Cycloheptane, methyl-	112	C8H16	004126-78-7	50
3	Octahydropyrrolo[1,2-a]pyrazine	126	C7H14N2	005654-83-1	49
4	cis-2-Nonene	126	C9H18	006434-77-1	43
5	2-Ethylacrolein	84	C5H8O	000922-63-4	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

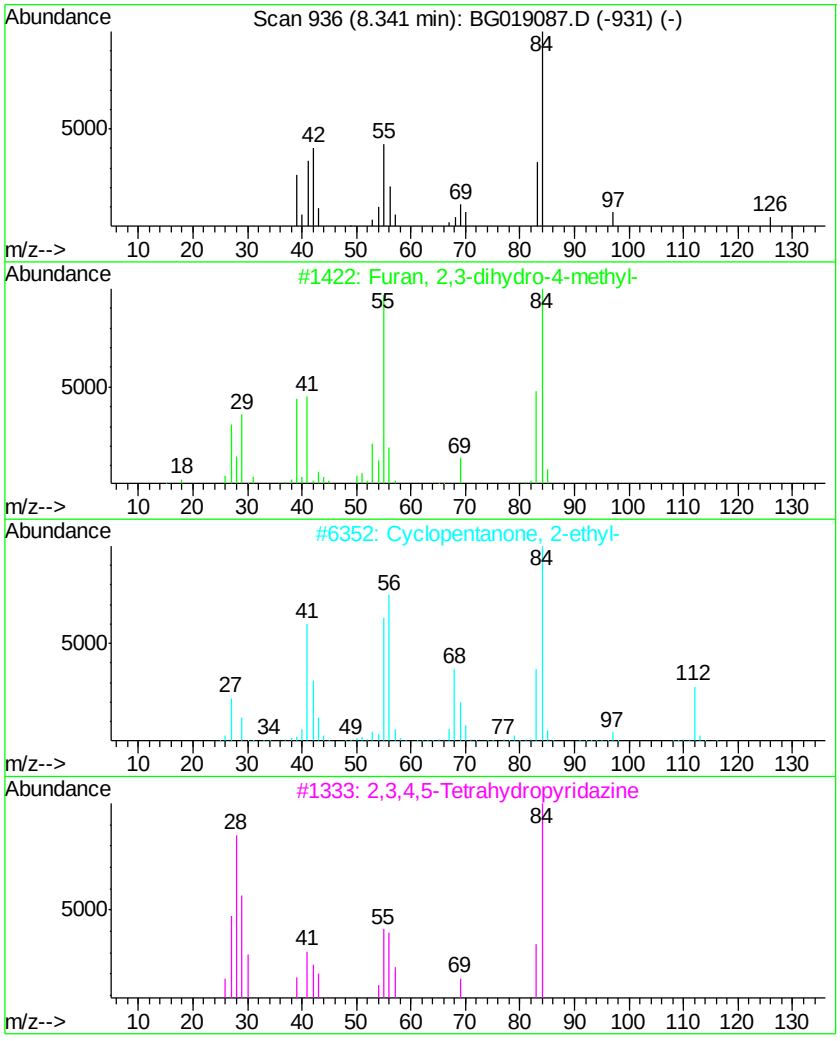
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

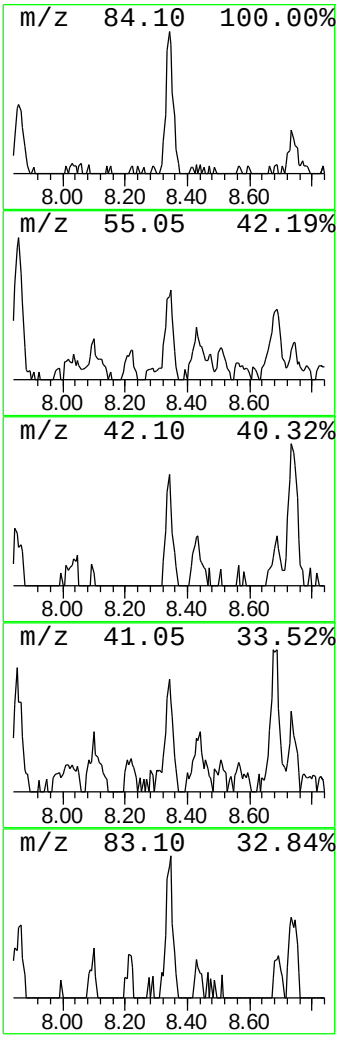
****

Peak Number 4 unknown-01 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	3.09 ng/ul	21840	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,3-dihydro-4-methyl-	84	C5H8O	034314-83-5	40
2	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	36
3	2,3,4,5-Tetrahydropyridazine	84	C4H8N2	000694-06-4	28
4	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	9
5	Piperidine, 1,1'-dithiobis-	232	C10H20N2S2	010220-20-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

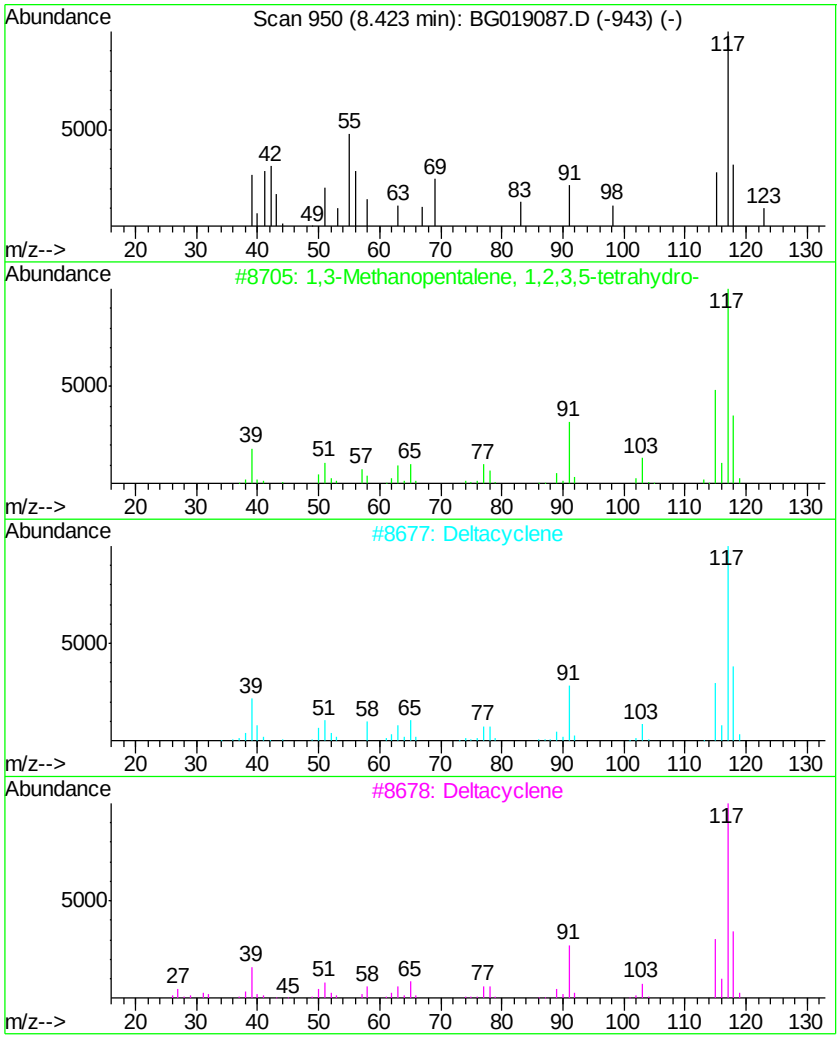
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

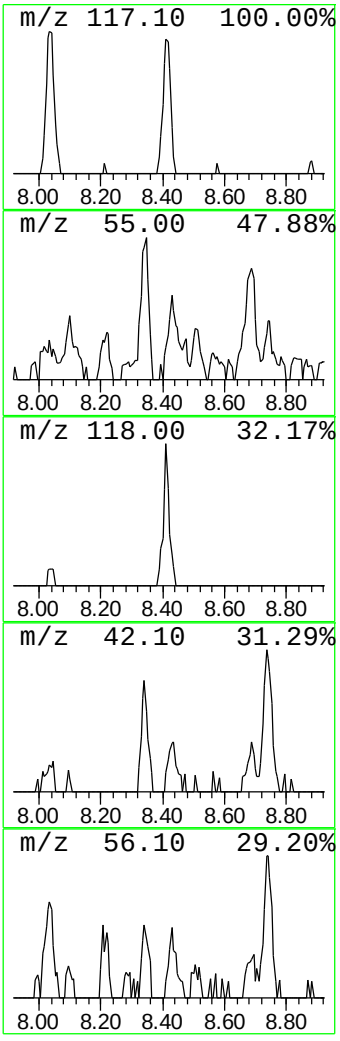
****

Peak Number 5 unknown-02 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	3.18 ng/ul	22540	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	37
2	Deltacyclene	118	C9H10	007785-10-6	25
3	Deltacyclene	118	C9H10	007785-10-6	9
4	Indane	118	C9H10	000496-11-7	9
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

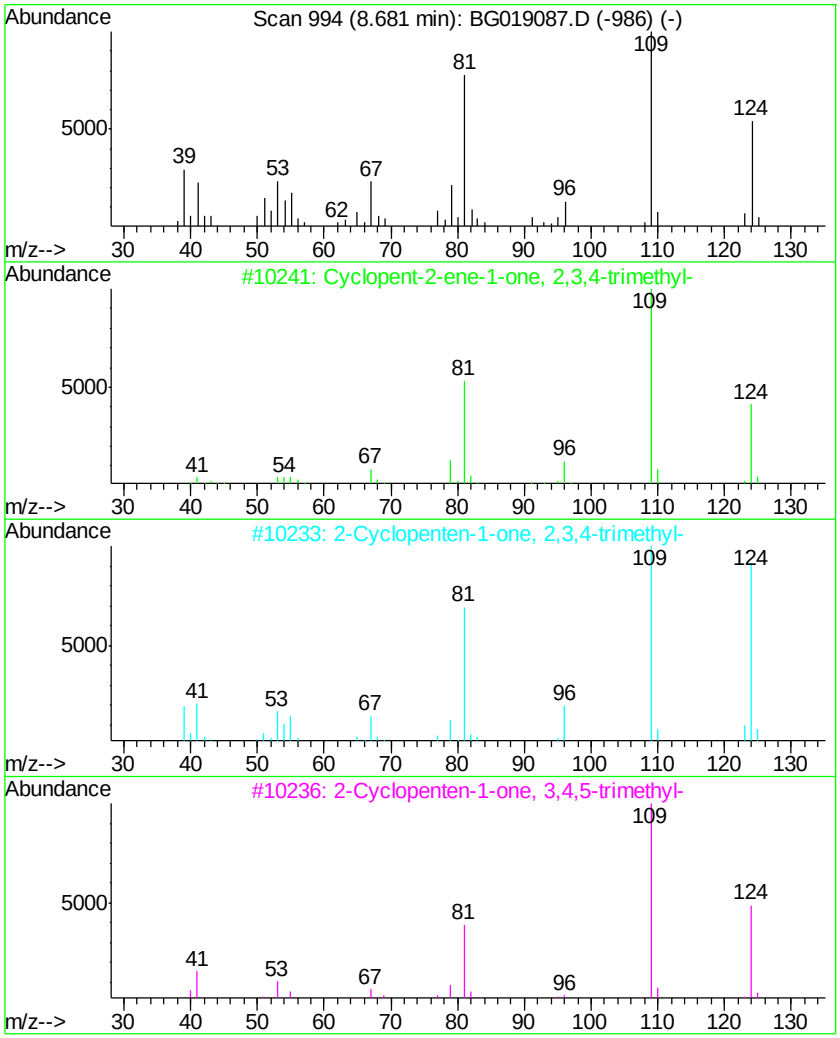
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

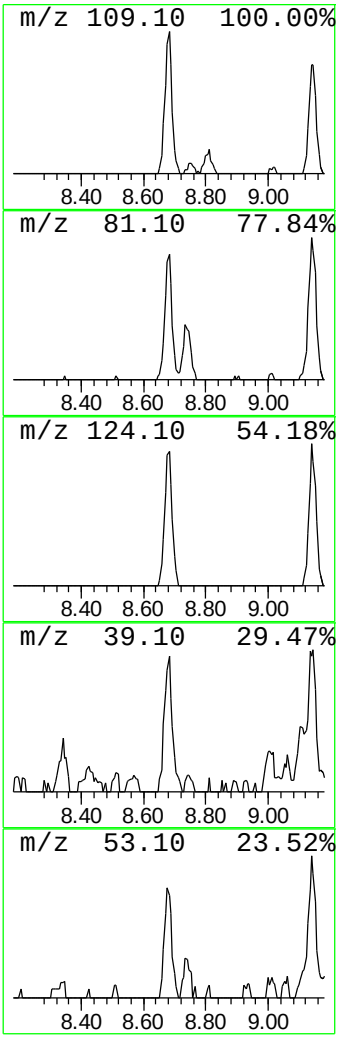
****

Peak Number 6 Cyclopent-2-ene-1-one, 2,3,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	10.51 ng/ul	74389	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopent-2-ene-1-one, 2,3,4-tri...	124	C8H12O	083321-16-8	93
2	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	90
3	2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	87
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	81
5	Mequinol	124	C7H8O2	000150-76-5	81





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

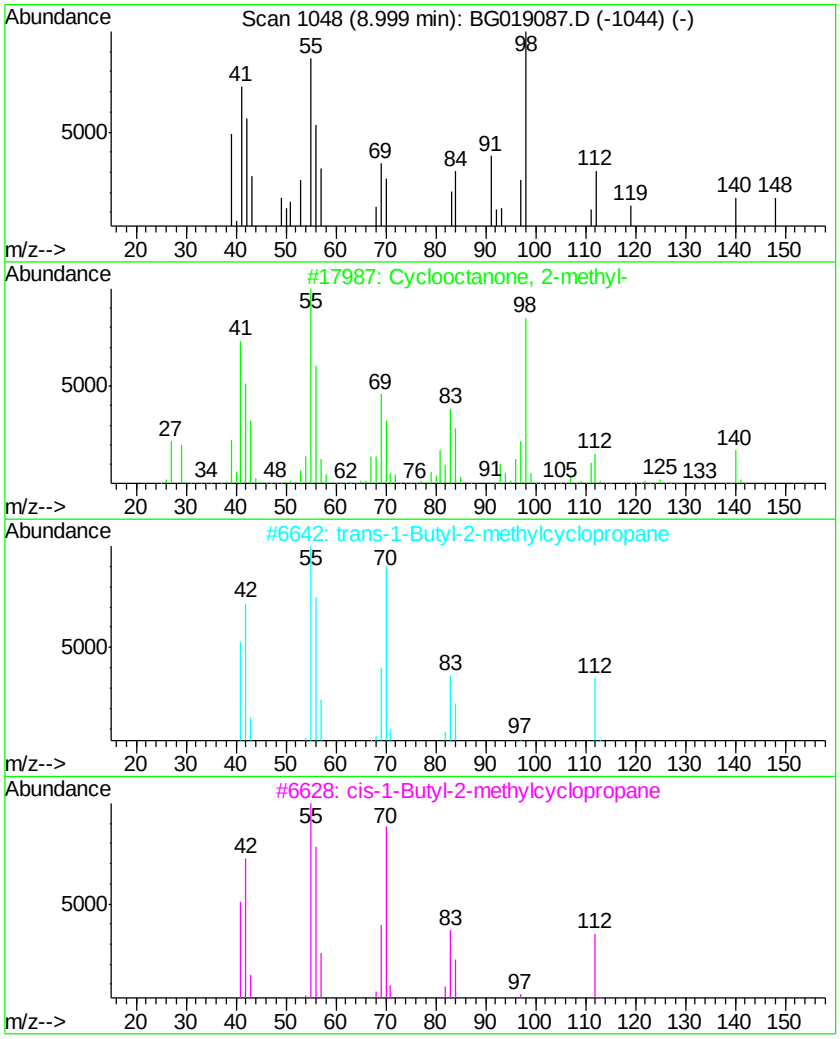
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

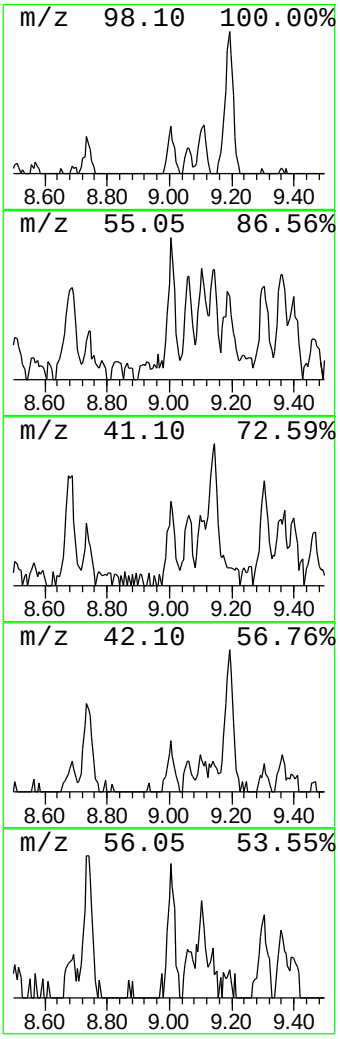
****

Peak Number 7 unknown-03 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	3.45 ng/ul	24425	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctanone, 2-methyl-	140	C9H16O	010363-27-6	64
2	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	38
3	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	38
4	Cyclooctane	112	C8H16	000292-64-8	38
5	2-Octene, (Z)-	112	C8H16	007642-04-8	30





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

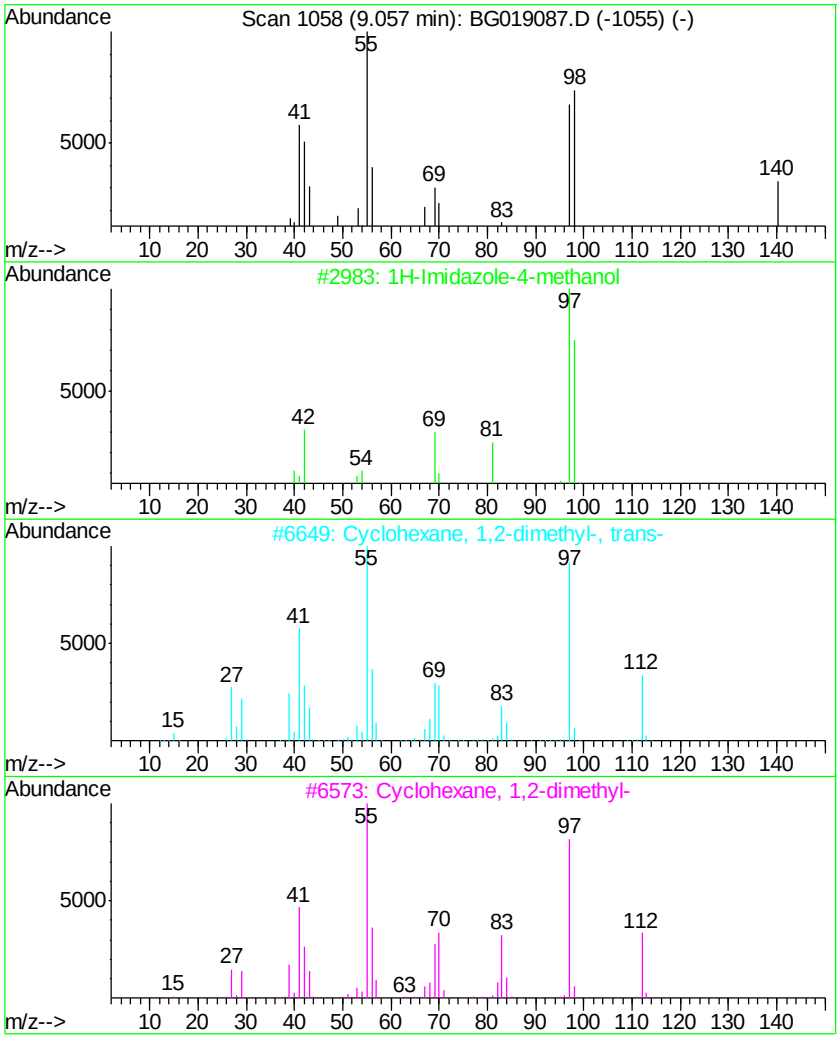
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

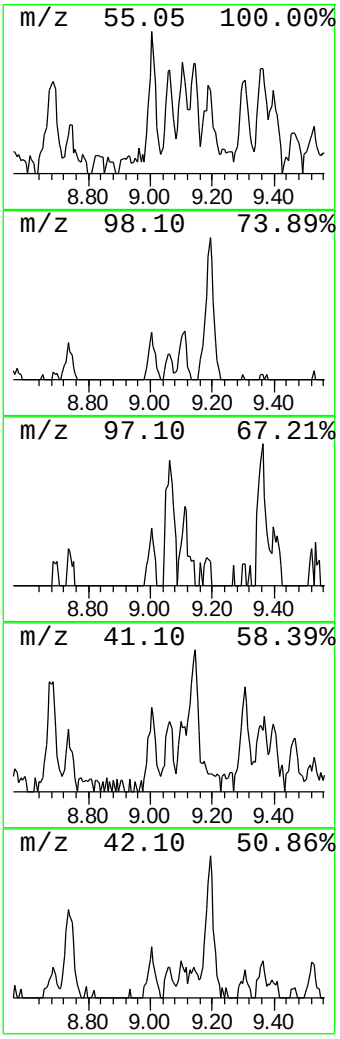
****

Peak Number 8 unknown-04 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	2.07 ng/ul	14661	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole-4-methanol	98	C4H6N2O	000822-55-9	38
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	38
3	Cyclohexane, 1,2-dimethyl-	112	C8H16	000583-57-3	35
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	30
5	2-Furanmethanol	98	C5H6O2	000098-00-0	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

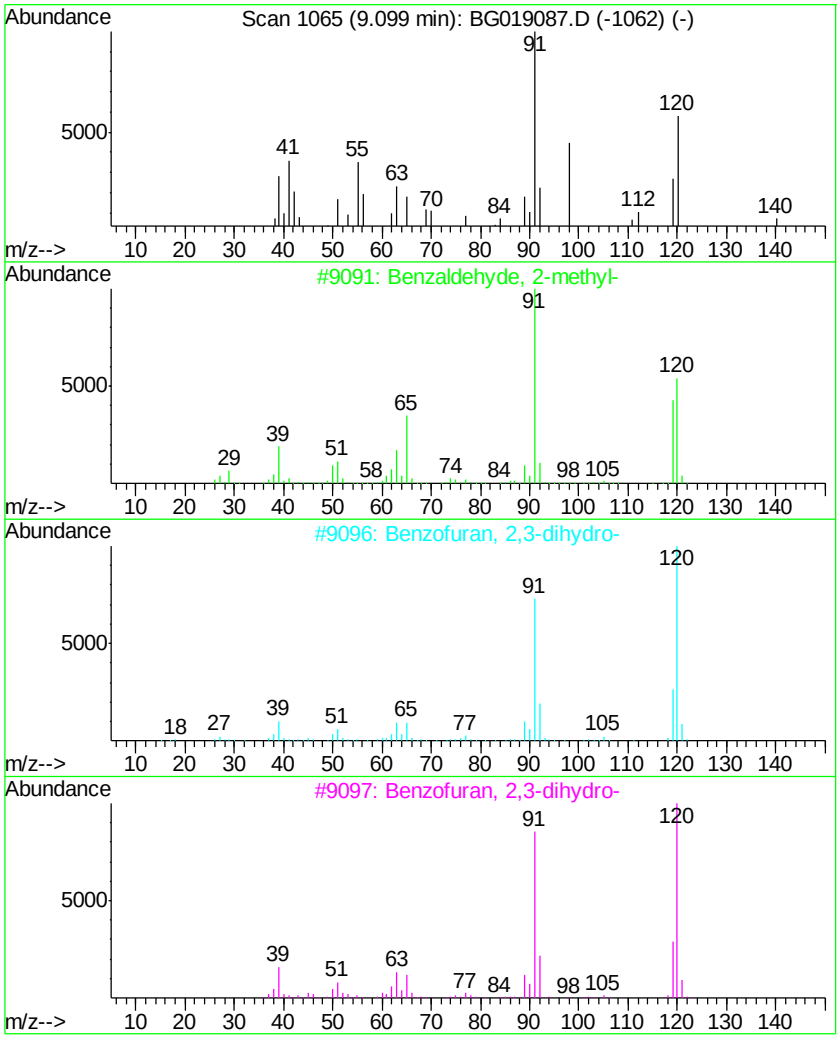
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

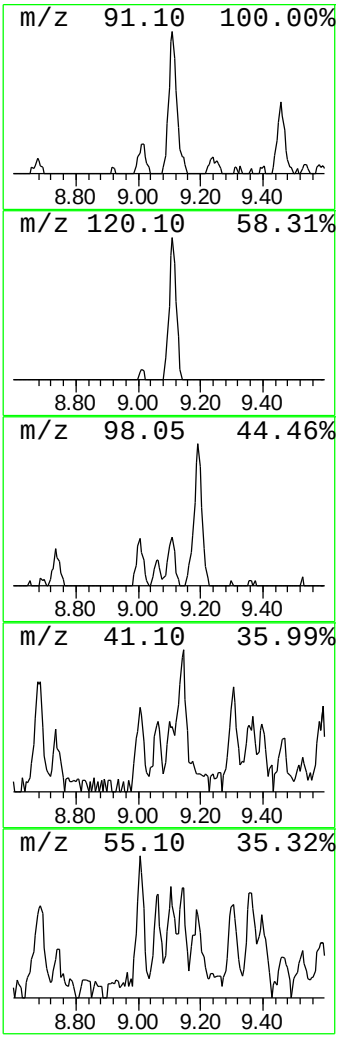
****

Peak Number 9 Benzaldehyde, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	6.05 ng/ul	42860	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 2-methyl-	120	C8H8O	000529-20-4	53
2	Benzofuran, 2,3-dihydro-	120	C8H8O	000496-16-2	53
3	Benzofuran, 2,3-dihydro-	120	C8H8O	000496-16-2	49
4	Benzeneacetaldehyde	120	C8H8O	000122-78-1	47
5	6-Methylenebicyclo[3.2.0]hept-3-...	120	C8H8O	1000211-11-9	47





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

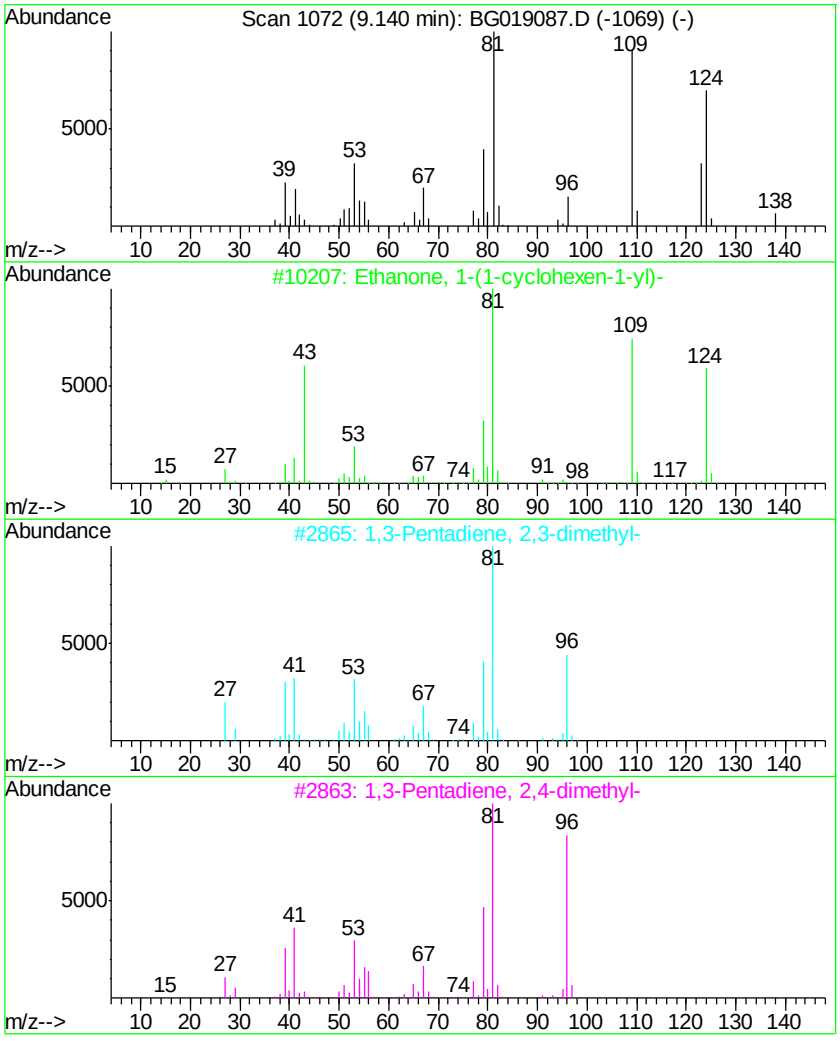
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

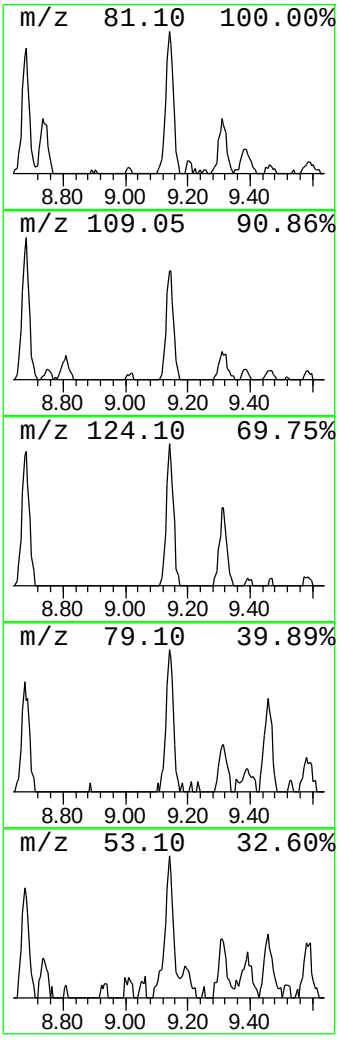
****

Peak Number 10 Ethanone, 1-(1-cyclohexen-1... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	10.94 ng/ul	77422	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	81
2	1,3-Pentadiene, 2,3-dimethyl-	96	C7H12	001113-56-0	50
3	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	50
4	5-Ethyl-2-furaldehyde	124	C7H8O2	023074-10-4	46
5	2,3-Dimethyl-1,4-pentadiene	96	C7H12	000758-86-1	45





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

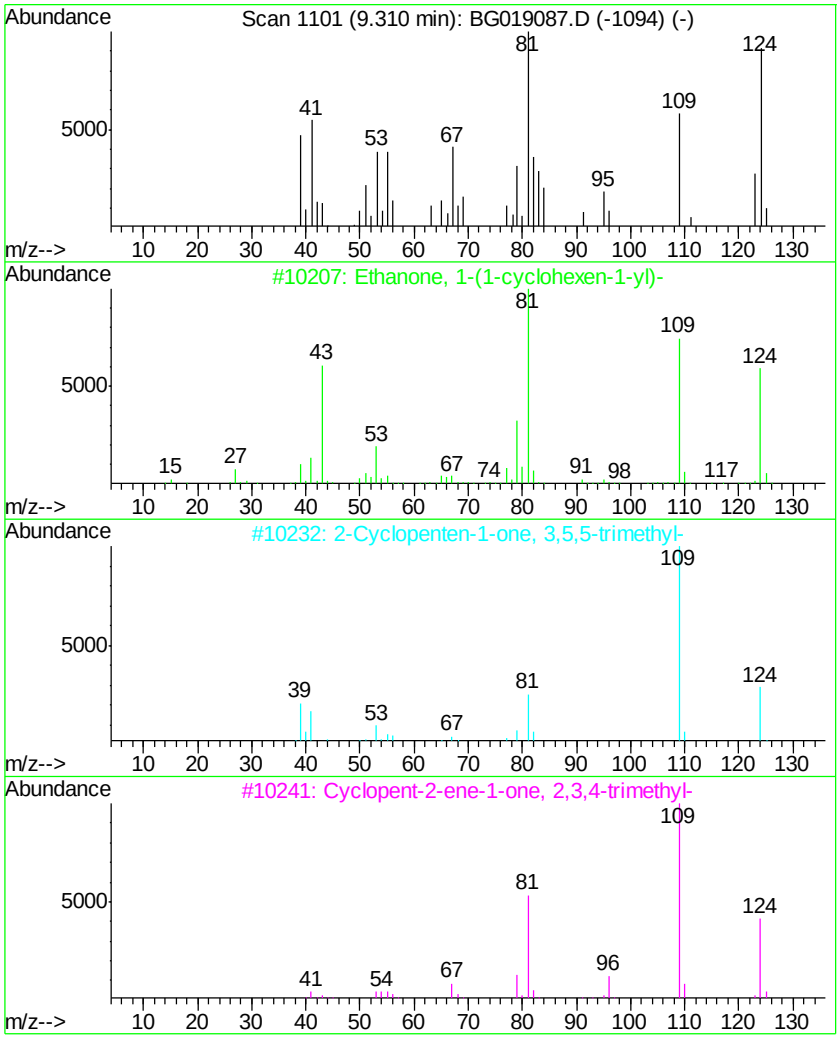
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

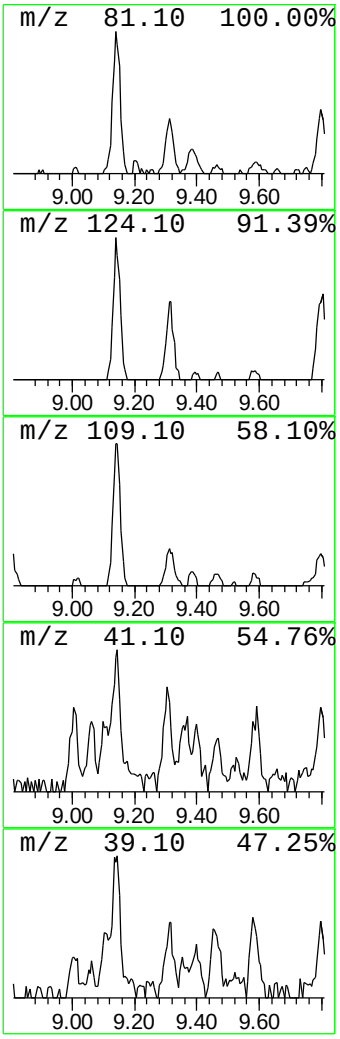
****

Peak Number 11 2-Cyclopenten-1-one, 3,5,5-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	6.35 ng/ul	44970	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	72
2	2-Cyclopenten-1-one, 3,5,5-trime...	124	C8H12O	024156-95-4	58
3	Cyclopent-2-ene-1-one, 2,3,4-tri...	124	C8H12O	083321-16-8	55
4	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	53
5	Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	49





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

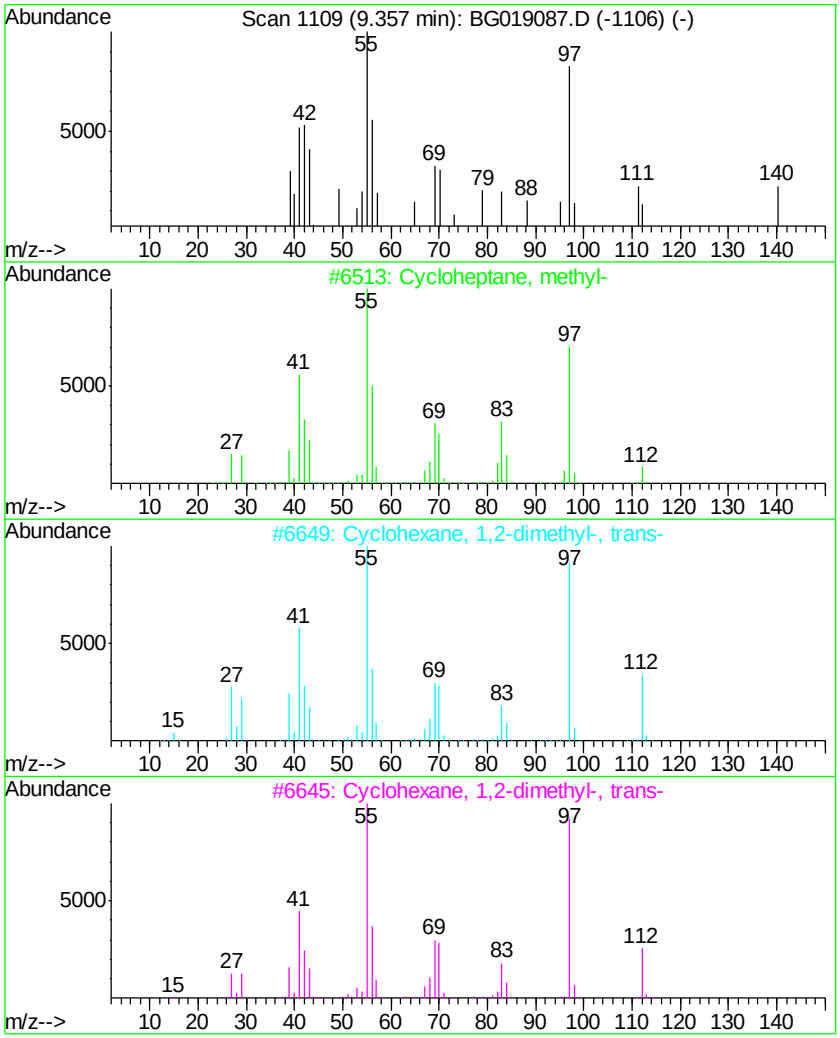
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

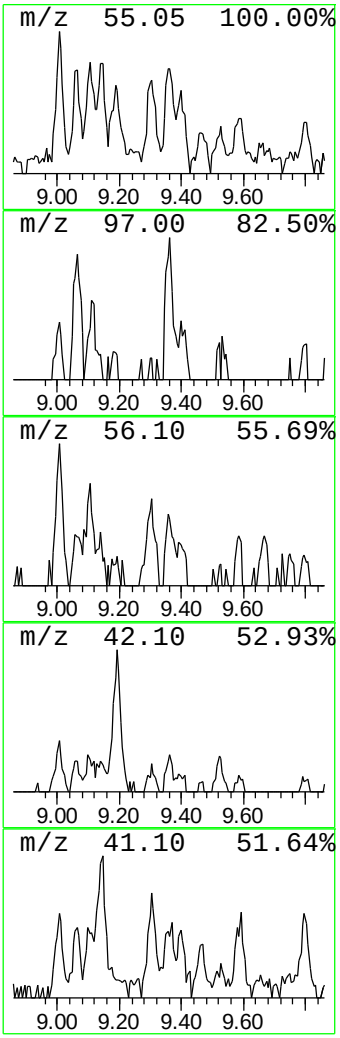
****

Peak Number 12 (DEL) Alkane: Cyclic9.36 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	2.30 ng/ul	16314	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane, methyl-	112	C8H16	004126-78-7	35
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	27
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	27
4	Cyclodecane	140	C10H20	000293-96-9	27
5	Cyclooctanone, 2-methyl-	140	C9H16O	010363-27-6	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

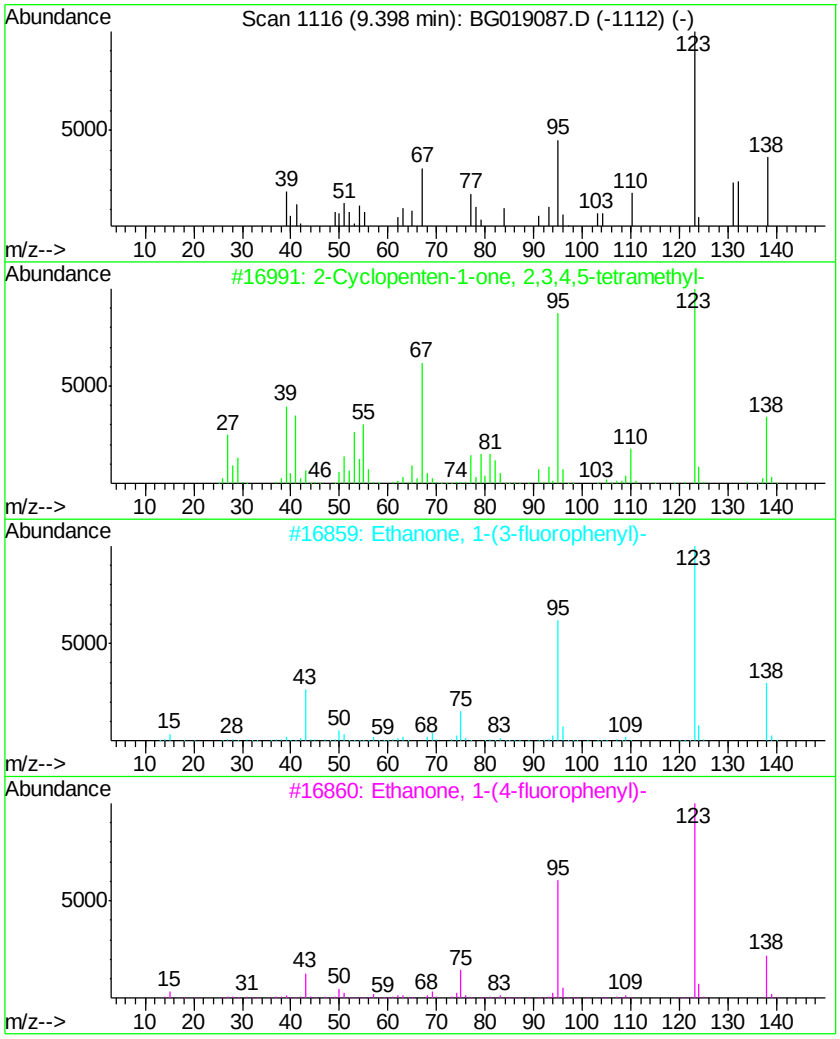
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

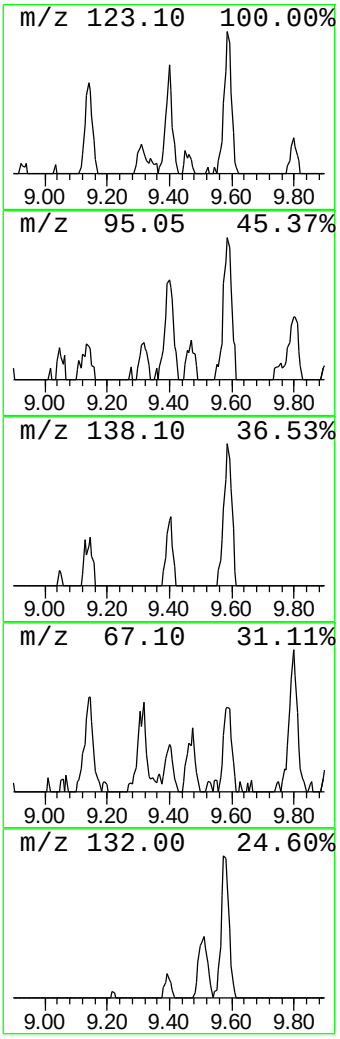
****

Peak Number 13 2-Cyclopenten-1-one, 2,3,4,... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	4.96 ng/ul	35098	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3,4,5-tet...	138	C9H14O	054458-61-6	53
2	Ethanone, 1-(3-fluorophenyl)-	138	C8H7FO	000455-36-7	47
3	Ethanone, 1-(4-fluorophenyl)-	138	C8H7FO	000403-42-9	47
4	Ethanone, 1-(3-fluorophenyl)-	138	C8H7FO	000455-36-7	47
5	4-Nitrophenyl bicyclo[4.1.0]hept...	261	C14H15NO4	328938-65-4	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

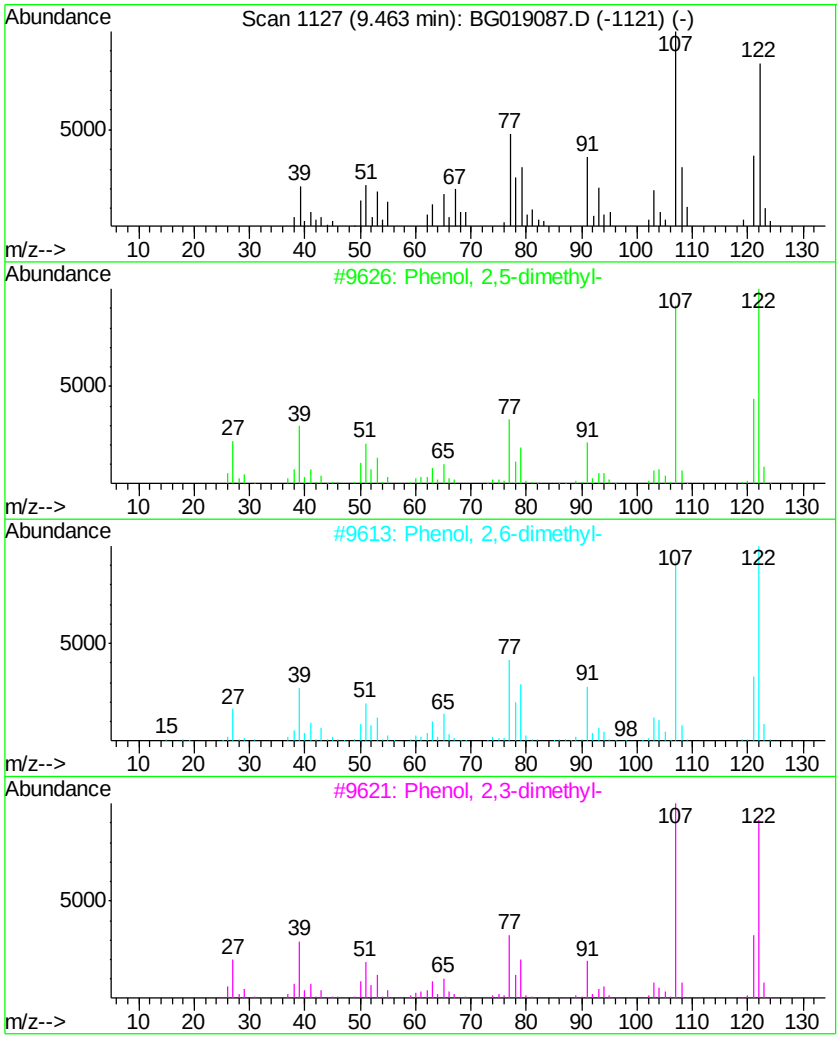
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

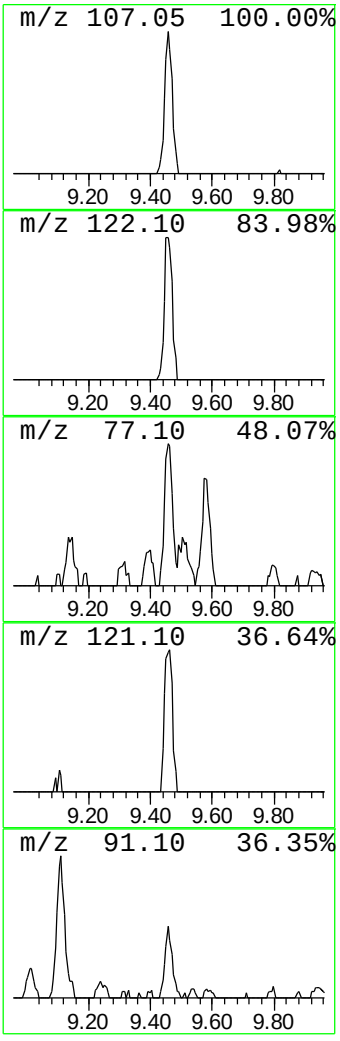
****

Peak Number 14 Phenol, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	6.34 ng/ul	66349	Naphthalene-d8	10.84

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





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

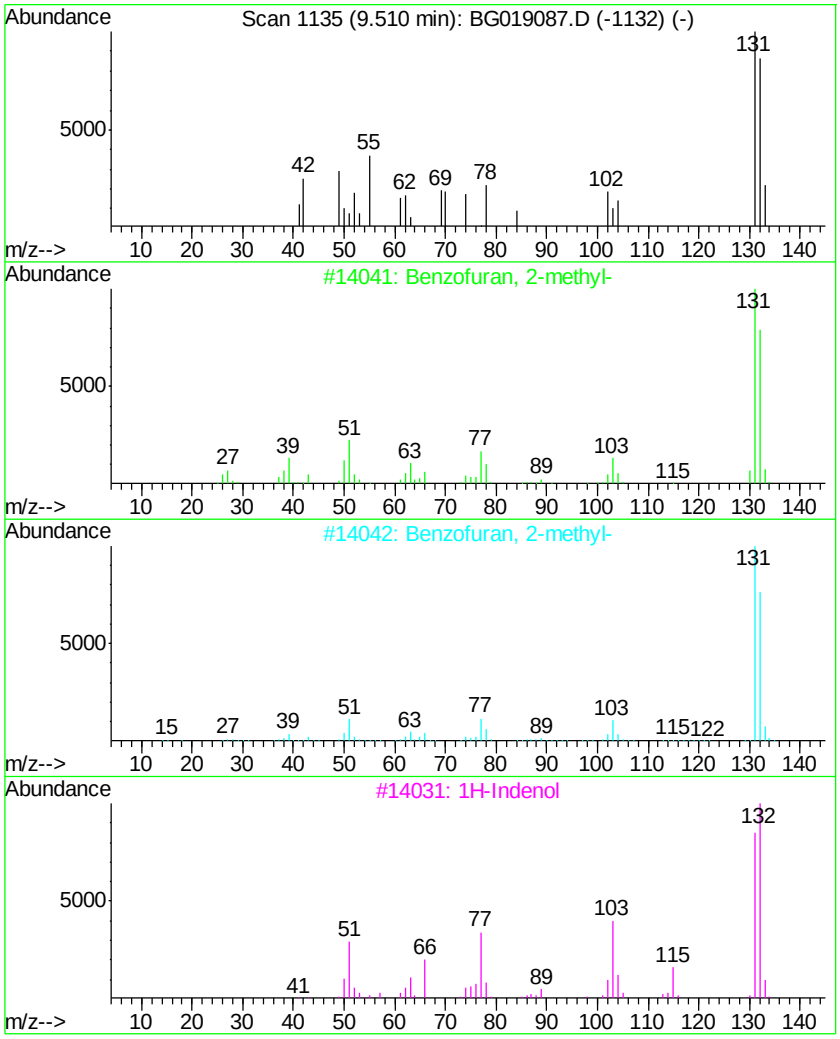
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

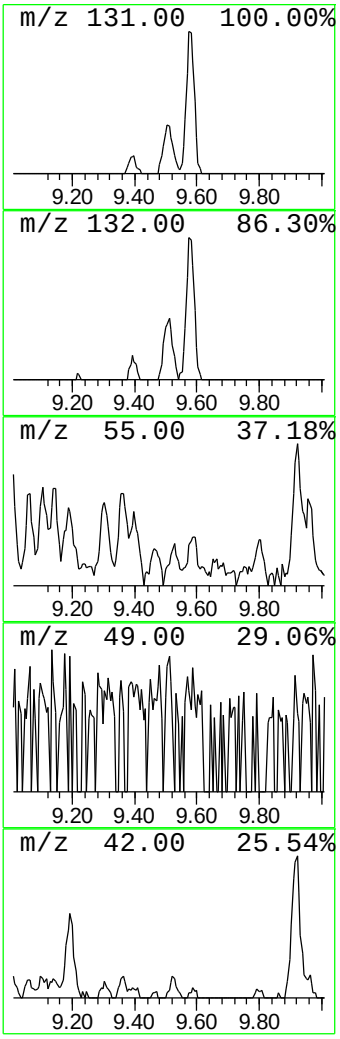
****

Peak Number 15 unknown-05 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	2.39 ng/ul	25054	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	38
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	38
3	1H-Indenol	132	C9H8O	056631-57-3	38
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	32
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	23





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

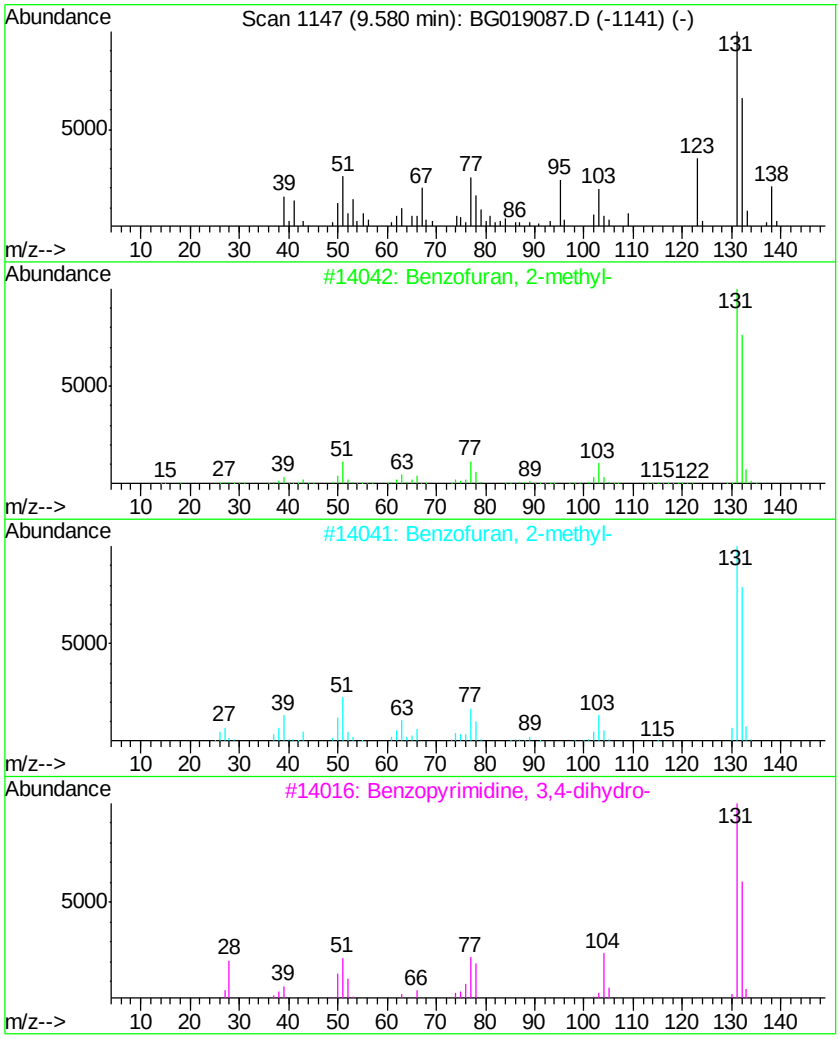
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

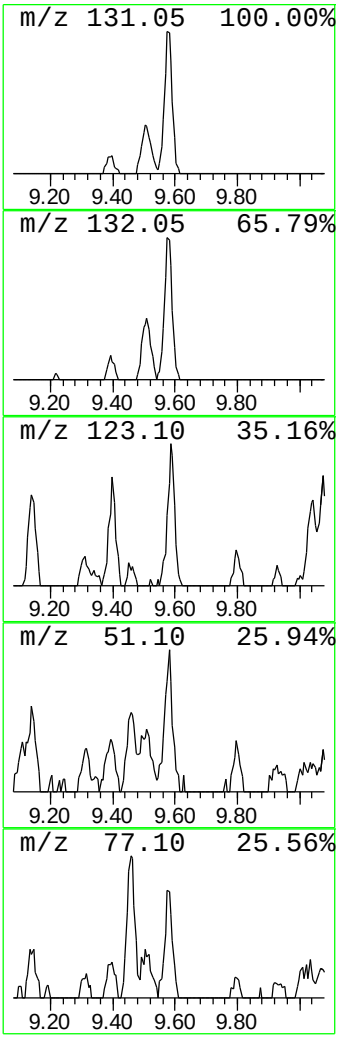
****

Peak Number 16 Benzopyrimidine, 3,4-dihydro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	7.29 ng/ul	76354	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	70
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	64
3	Benzopyrimidine, 3,4-dihydro-	132	C8H8N2	001904-64-9	64
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	62
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

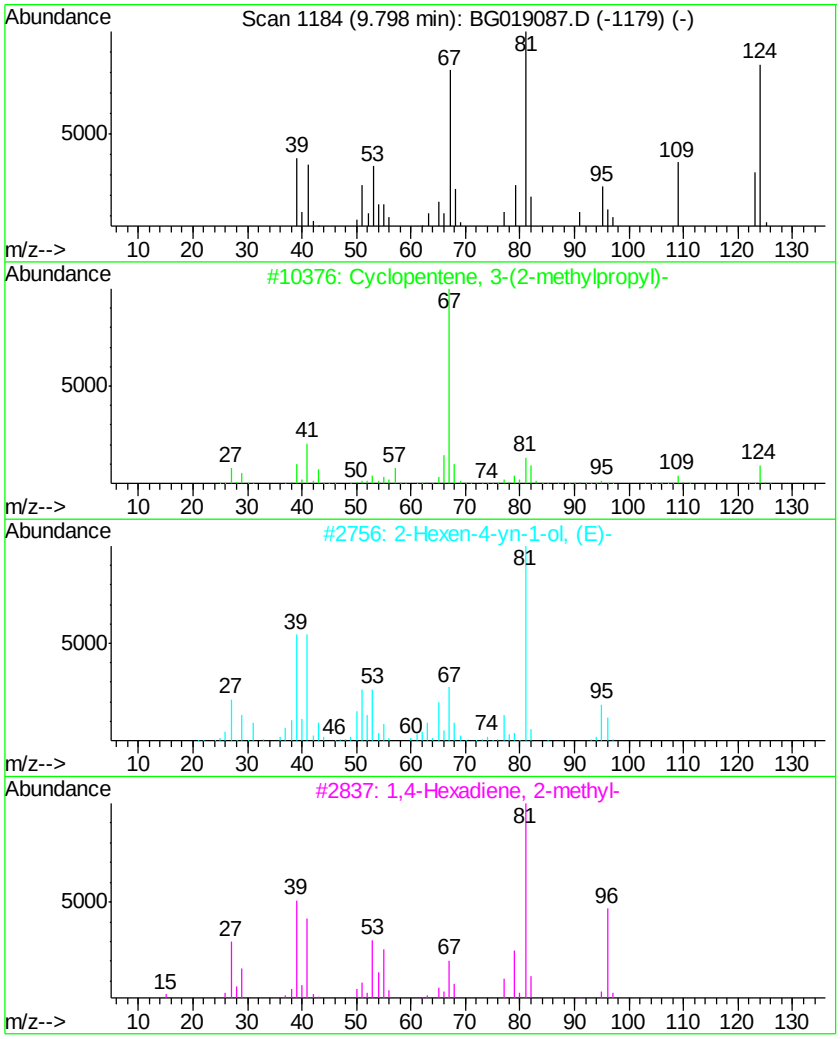
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

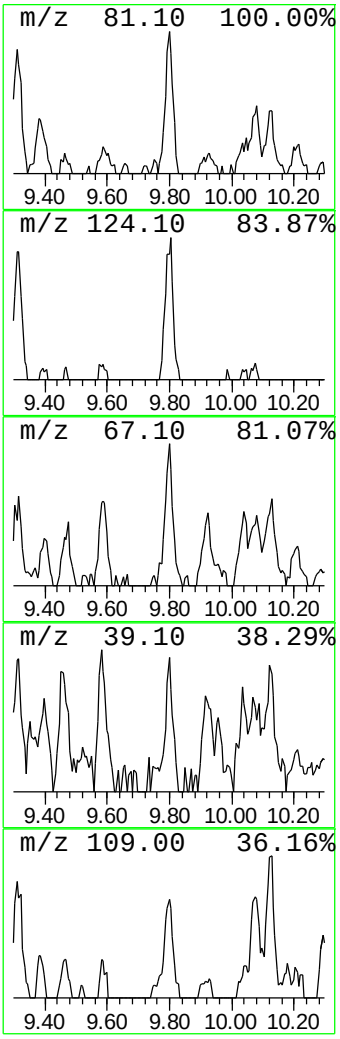
****

Peak Number 17 unknown-06 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	3.82 ng/ul	39970	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 3-(2-methylpropyl)-	124	C9H16	037689-12-6	49
2	2-Hexen-4-yn-1-ol, (E)-	96	C6H8O	053497-80-6	35
3	1,4-Hexadiene, 2-methyl-	96	C7H12	001119-14-8	30
4	Pyrazine, 2-methoxy-3-methyl-	124	C6H8N2O	002847-30-5	30
5	2,4-Diaminophenol	124	C6H8N2O	000095-86-3	30





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

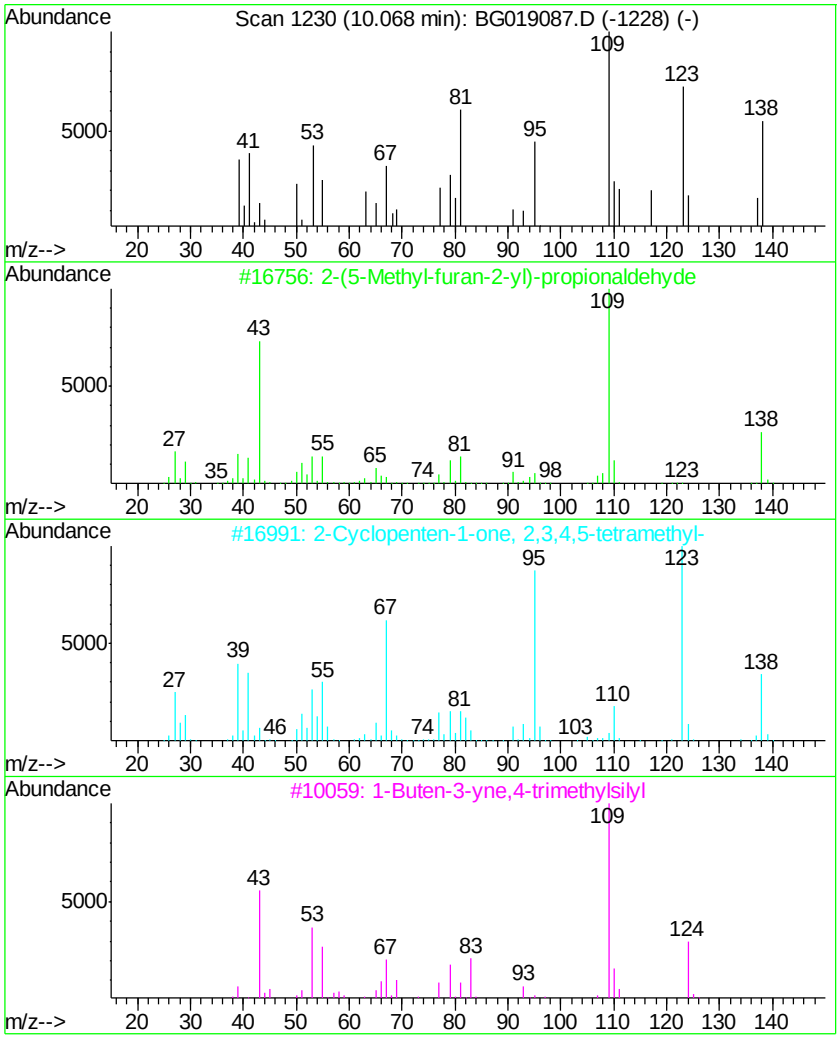
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

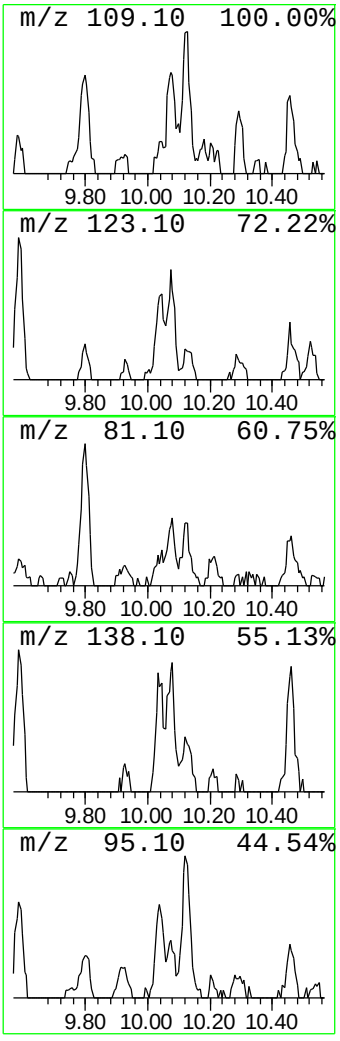
****

Peak Number 18 unknown-07 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	2.95 ng/ul	30904	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(5-Methyl-furan-2-yl)-propiona...	138	C8H10O2	1000193-72-3	46
2	2-Cyclopenten-1-one, 2,3,4,5-tet...	138	C9H14O	054458-61-6	37
3	1-Buten-3-yne,4-trimethylsilyl	124	C7H12Si	002696-32-4	37
4	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	33
5	3-Octyn-2-one	124	C8H12O	001119-58-0	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

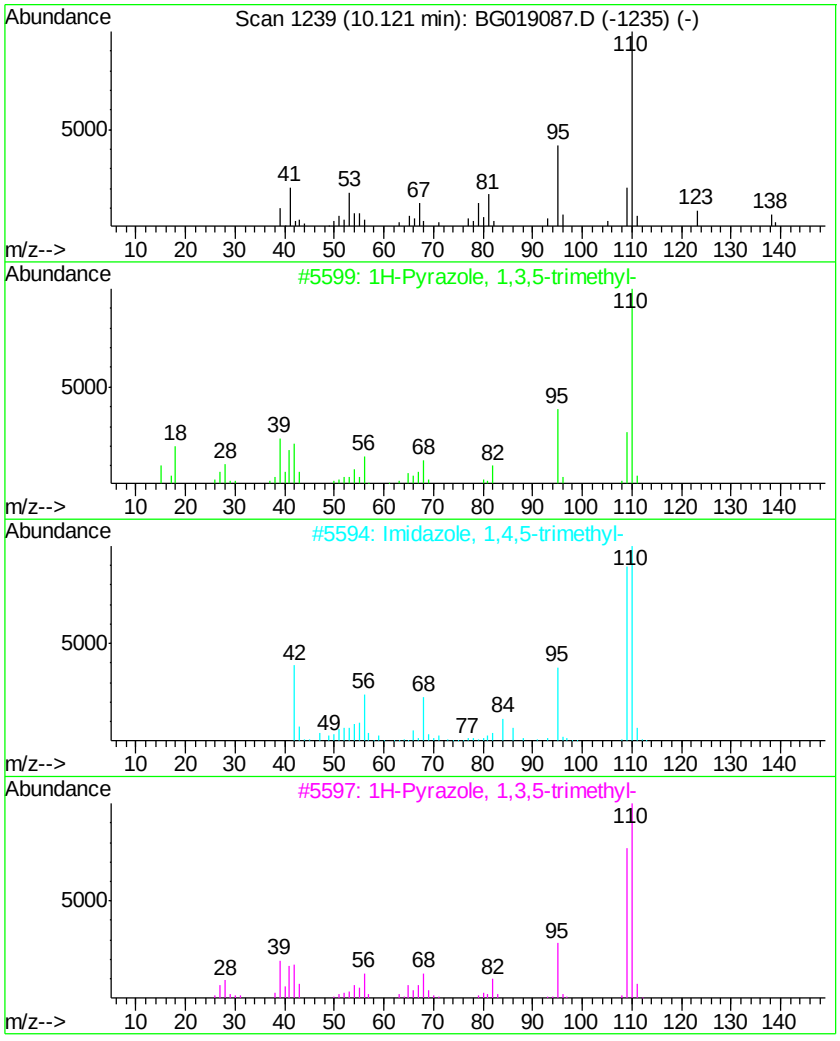
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

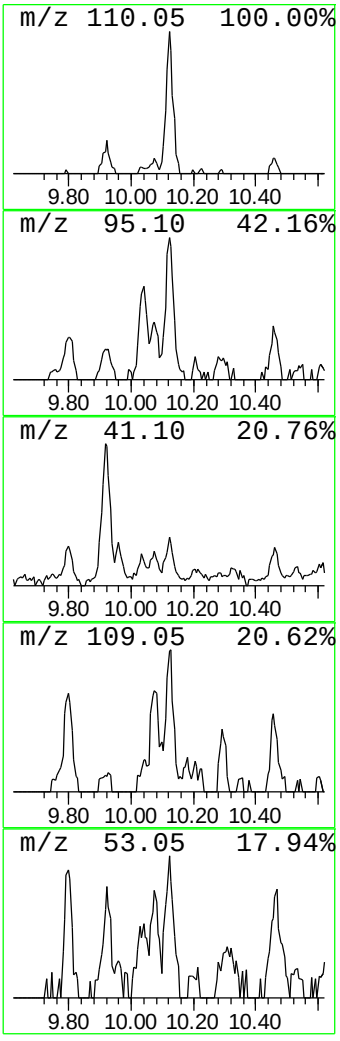
****

Peak Number 19 1H-Pyrazole, 1,3,5-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	4.50 ng/ul	47069	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 1,3,5-trimethyl-	110	C6H10N2	001072-91-9	58
2	Imidazole, 1,4,5-trimethyl-	110	C6H10N2	020185-22-2	53
3	1H-Pyrazole, 1,3,5-trimethyl-	110	C6H10N2	001072-91-9	50
4	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	45
5	Resorcinol	110	C6H6O2	000108-46-3	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

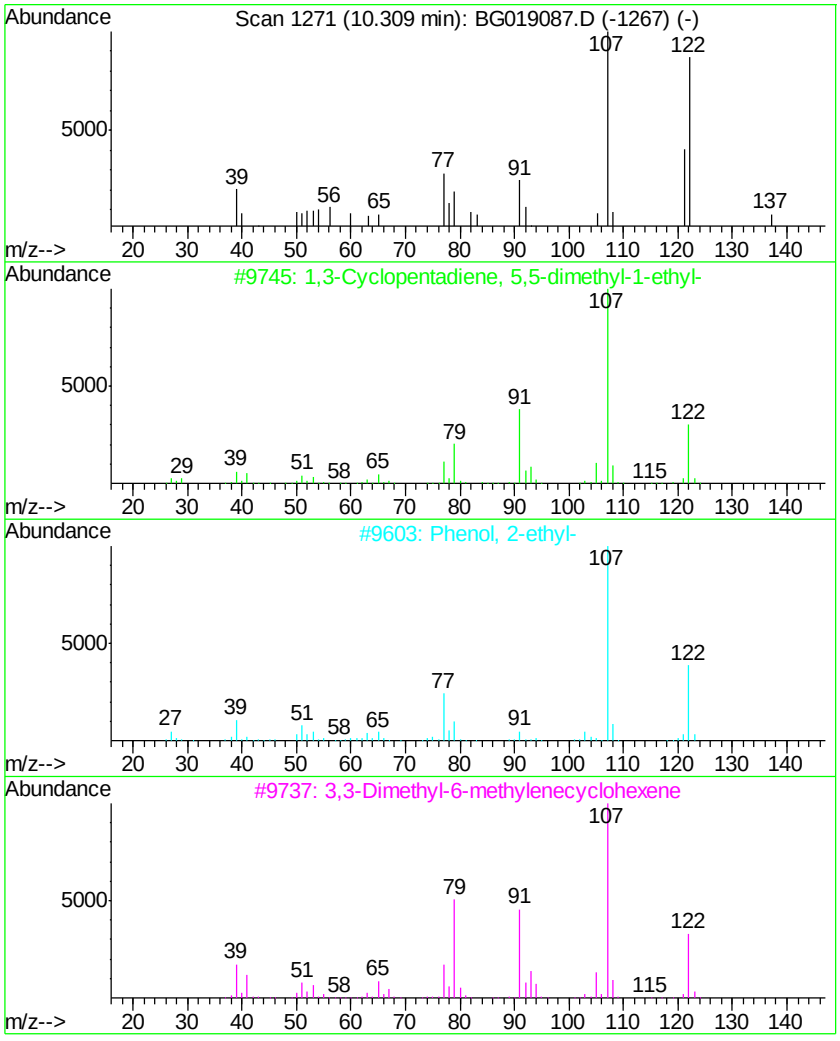
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

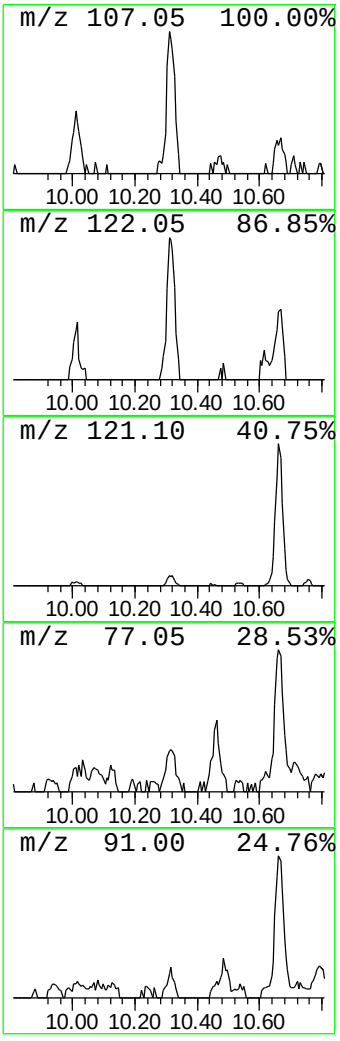
****

Peak Number 20 1,3-Cyclopentadiene, 5,5-di... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	3.45 ng/ul	36081	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 5,5-dimethy...	122	C9H14	1000162-25-7	80
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	80
3	3,3-Dimethyl-6-methylenecyclohexene	122	C9H14	020185-16-4	72
4	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	64
5	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	59





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

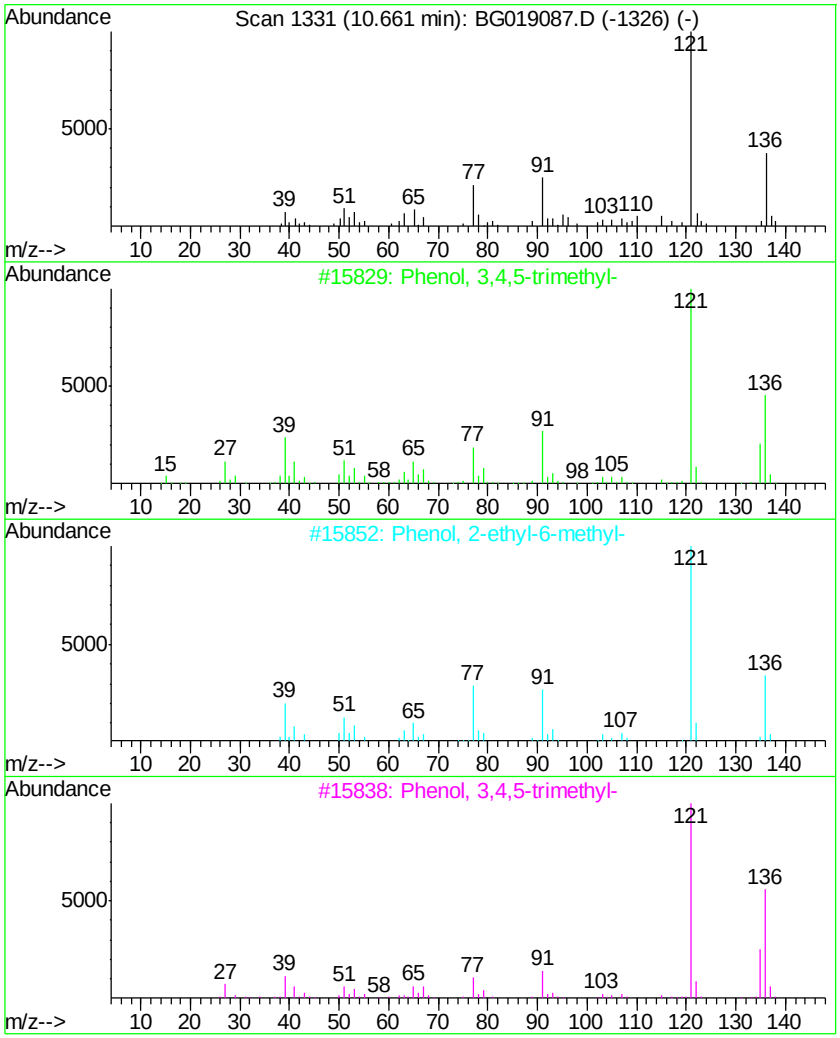
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

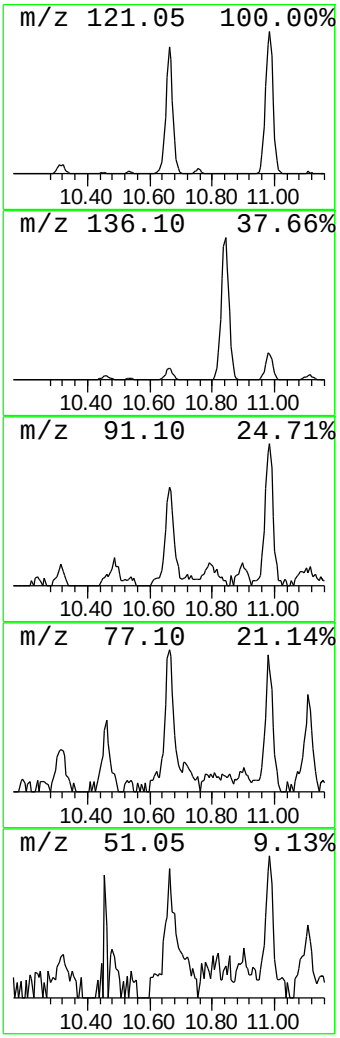
****

Peak Number 21 Phenol, 3,4,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	8.31 ng/ul	86954	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	90
2	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	87
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	87
4	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	83
5	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	81





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

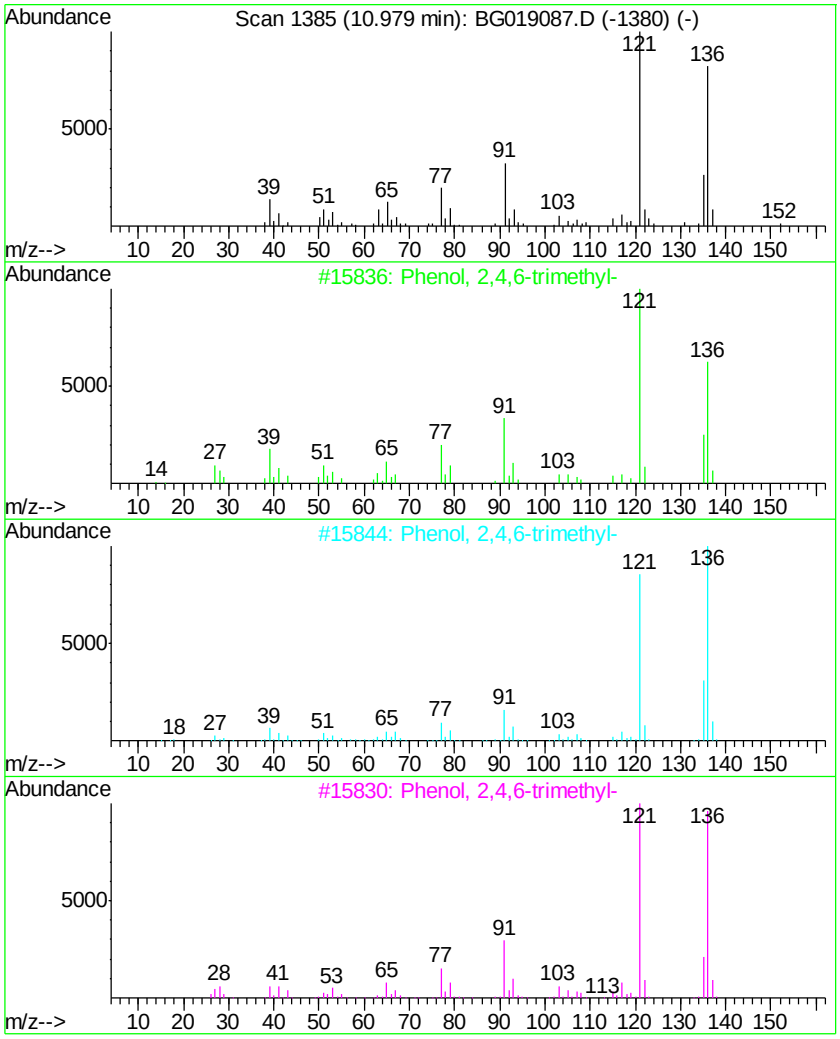
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

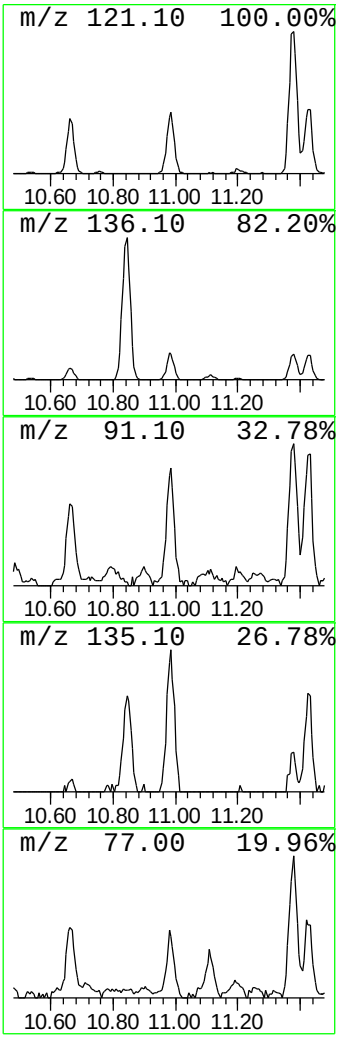
****

Peak Number 22 Phenol, 2,4,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	11.24 ng/ul	117653	Naphthalene-d8	10.84

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





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

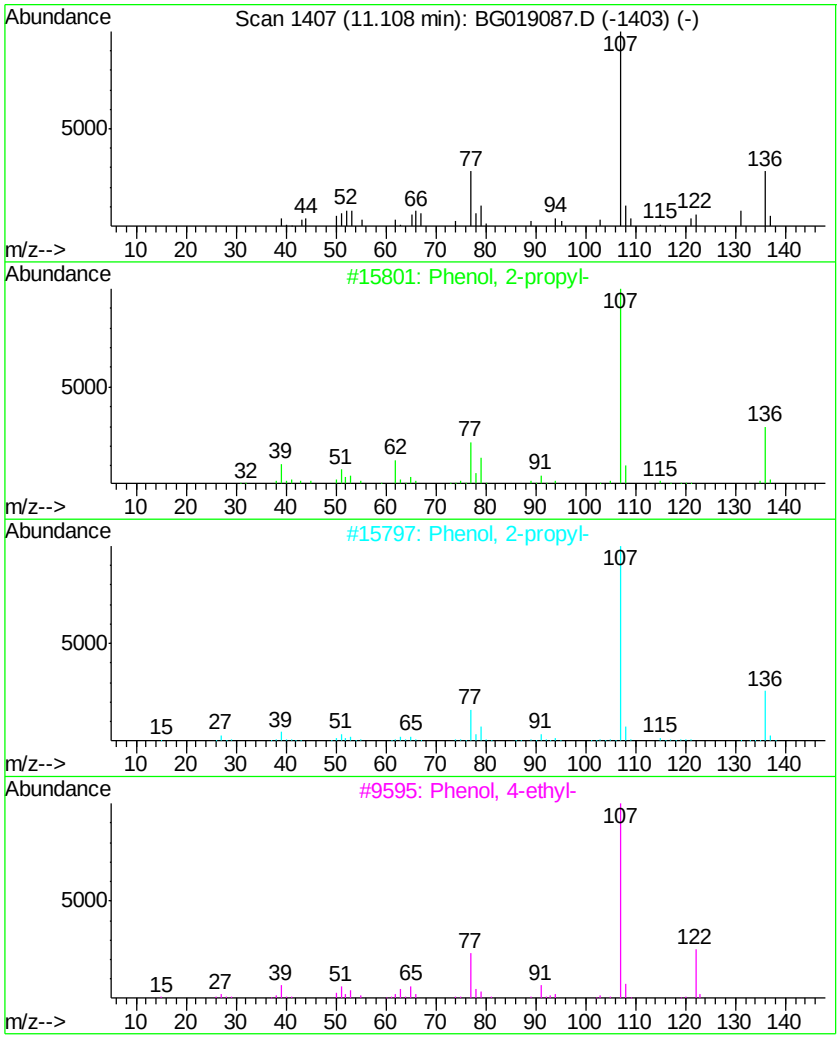
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

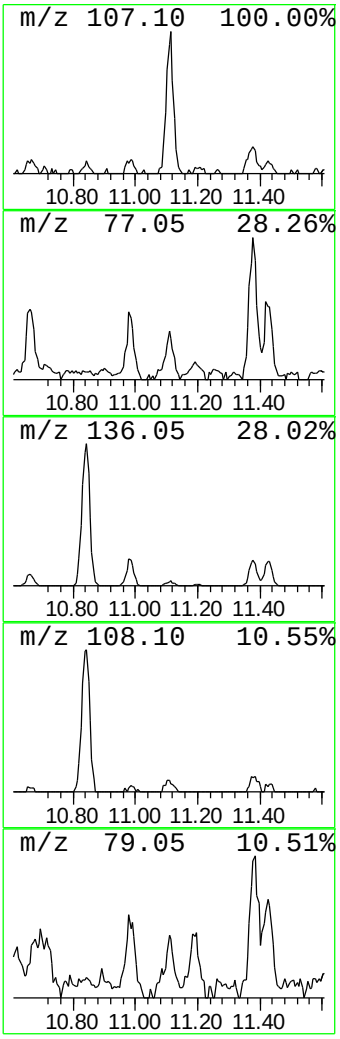
****

Peak Number 23 Phenol, 2-propyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	3.26 ng/ul	34124	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-propyl-	136	C9H12O	000644-35-9	83
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	83
3	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	64
4	Phenol, 2-propyl-	136	C9H12O	000644-35-9	64
5	Hydrazine, 1-ethyl-2-phenyl-	136	C8H12N2	000622-82-2	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

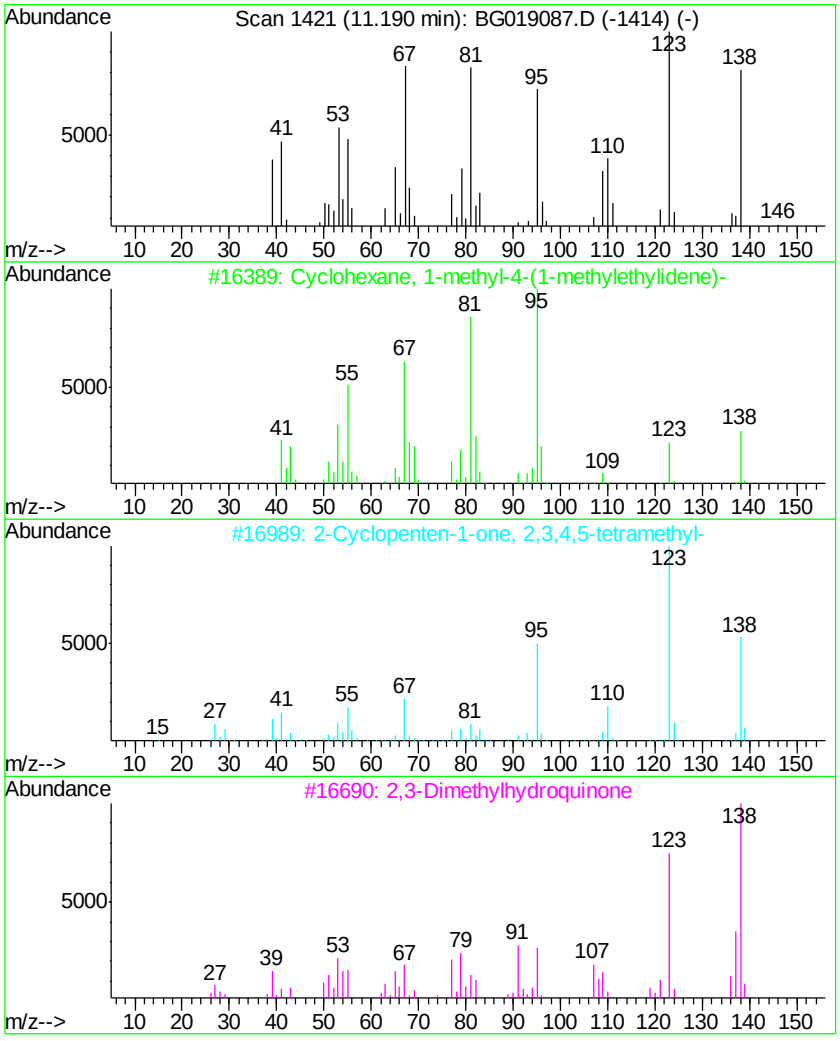
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

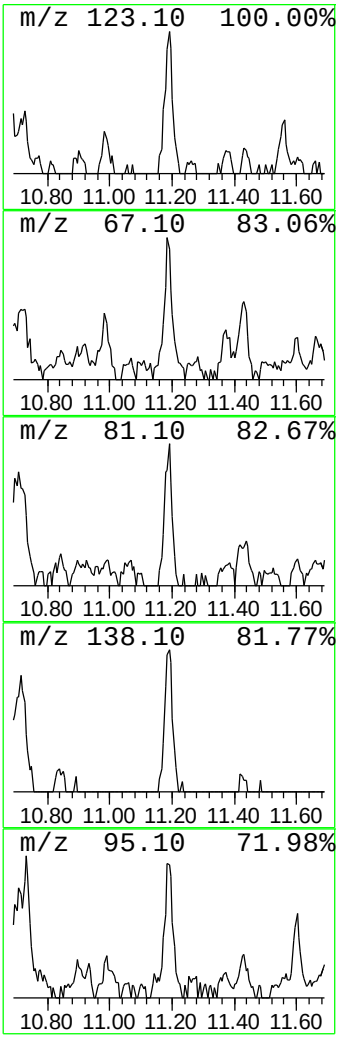
****

Peak Number 24 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	5.79 ng/ul	60647	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	76
2	2-Cyclopenten-1-one, 2,3,4,5-tet...	138	C9H14O	054458-61-6	76
3	2,3-Dimethylhydroquinone	138	C8H10O2	000608-43-5	52
4	Bicyclo[2.2.2]octane, 1-methyl-4...	202	C10H18O2S	069855-48-7	52
5	3,5-Octadien-2-one	124	C8H12O	038284-27-4	45





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

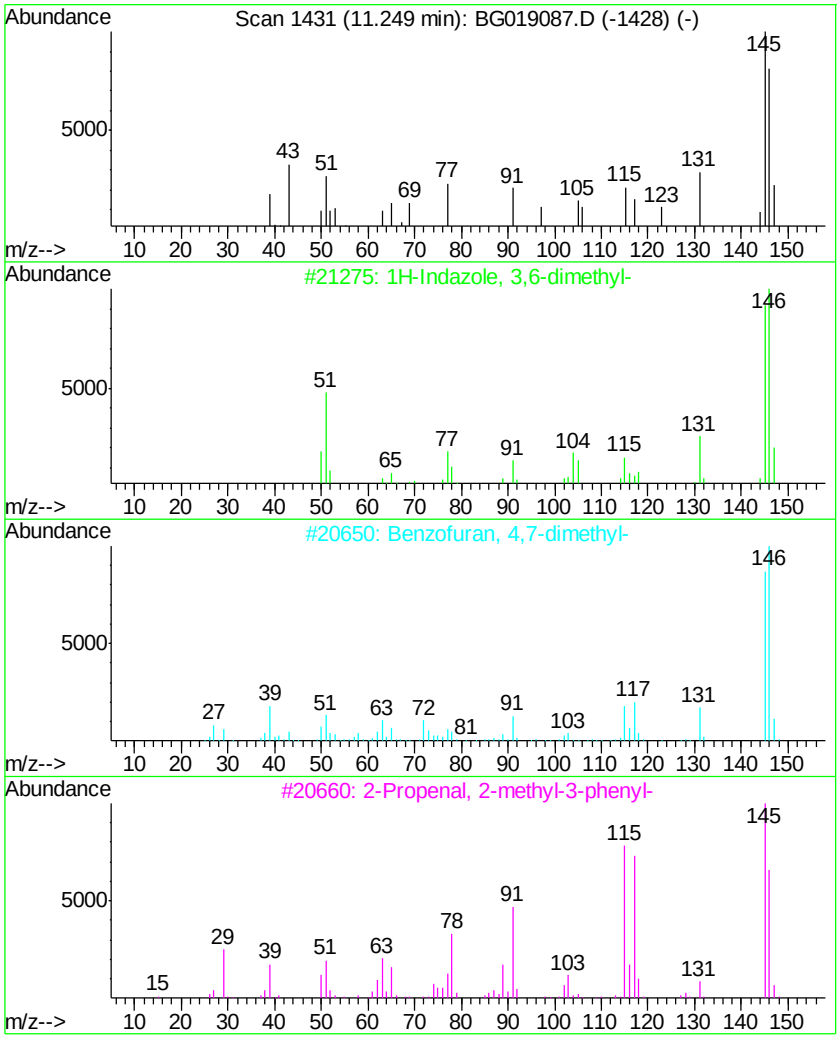
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

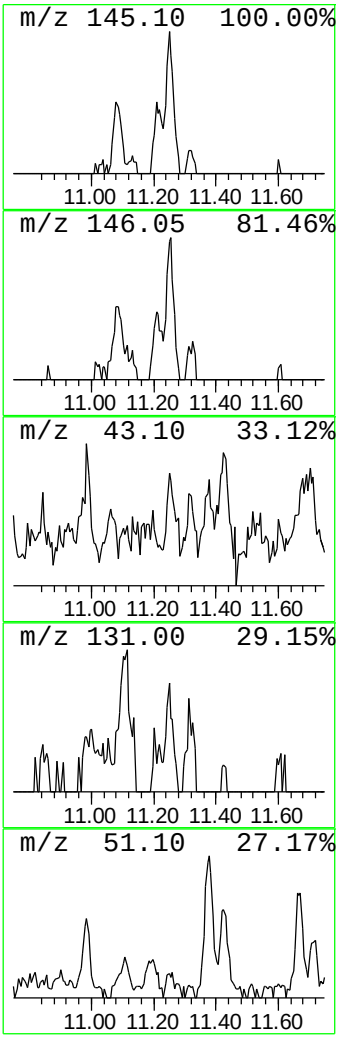
****

Peak Number 25 1H-Indazole, 3,6-dimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	2.20 ng/ul	23066	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	52
2	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	47
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	47
4	1H-Pyrazole, 4,5-dihydro-3-phenyl-	146	C9H10N2	000936-48-1	43
5	4(1H)-Quinazolinone	146	C8H6N2O	000491-36-1	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

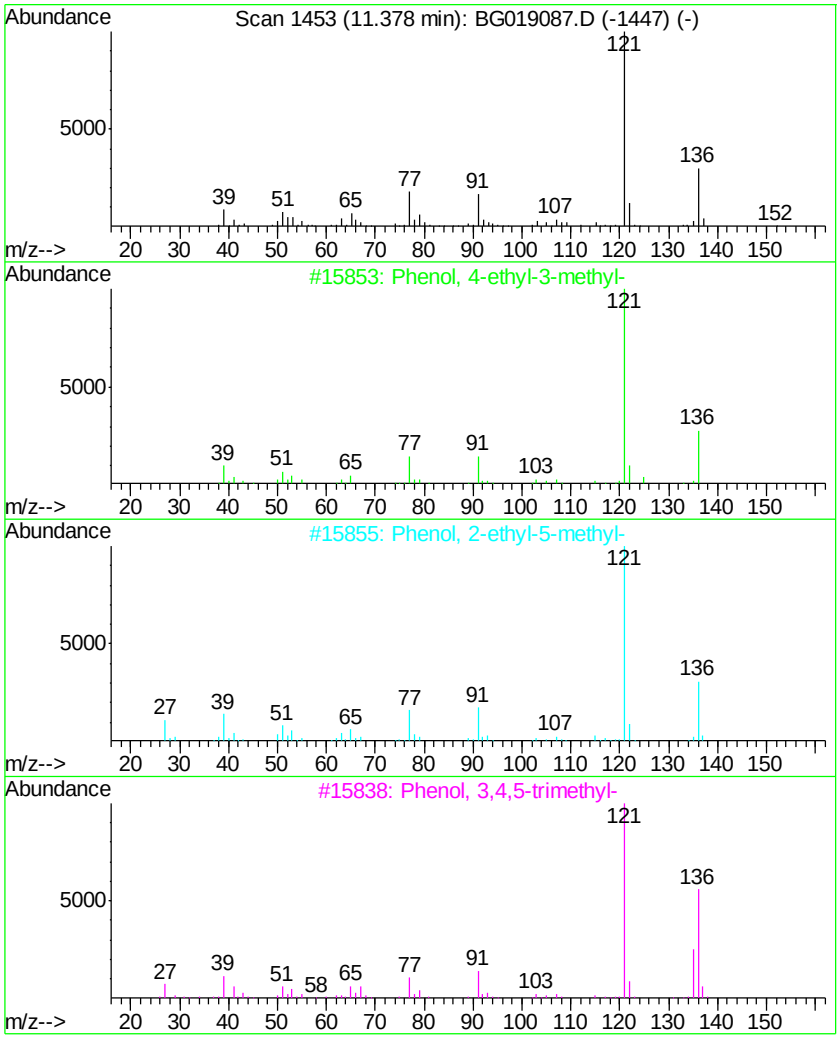
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

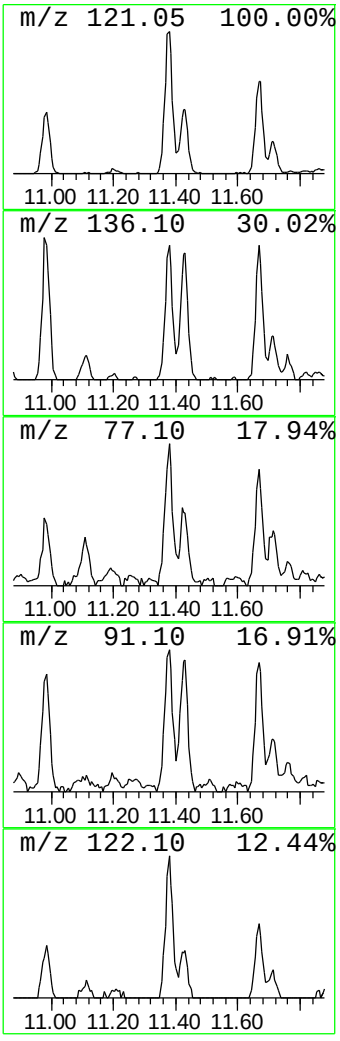
****

Peak Number 26 Phenol, 4-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	16.38 ng/ul	171444	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	93
2	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	91
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

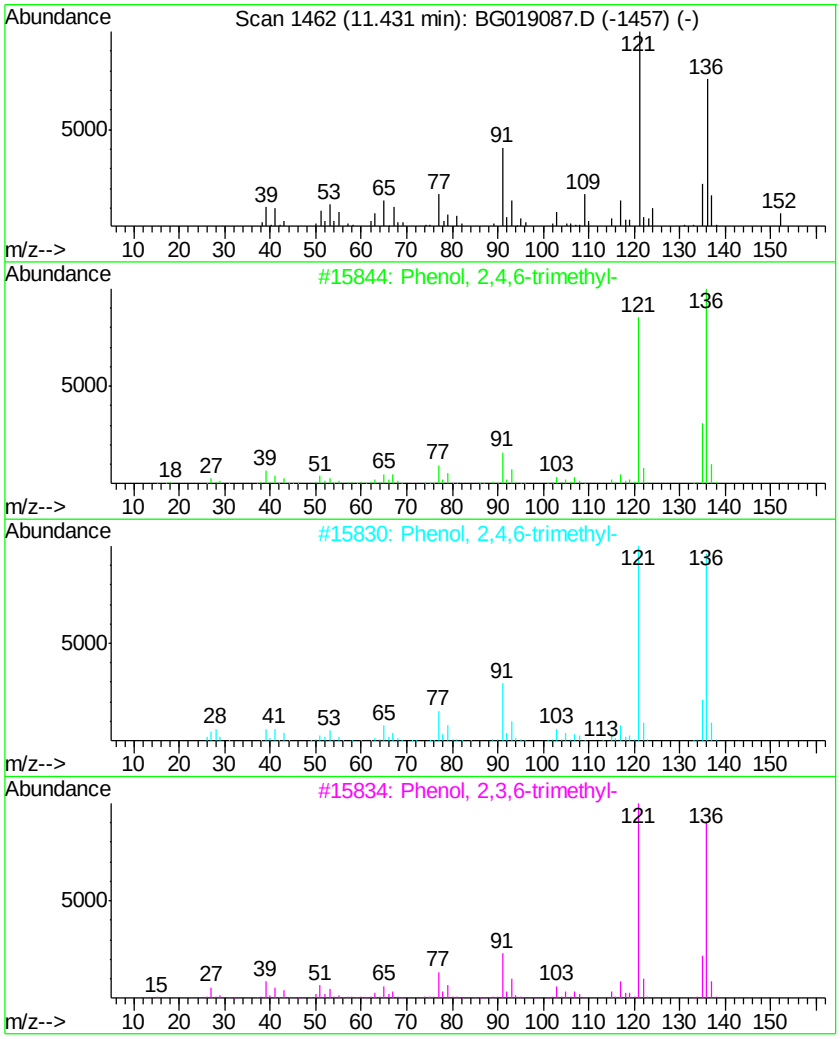
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

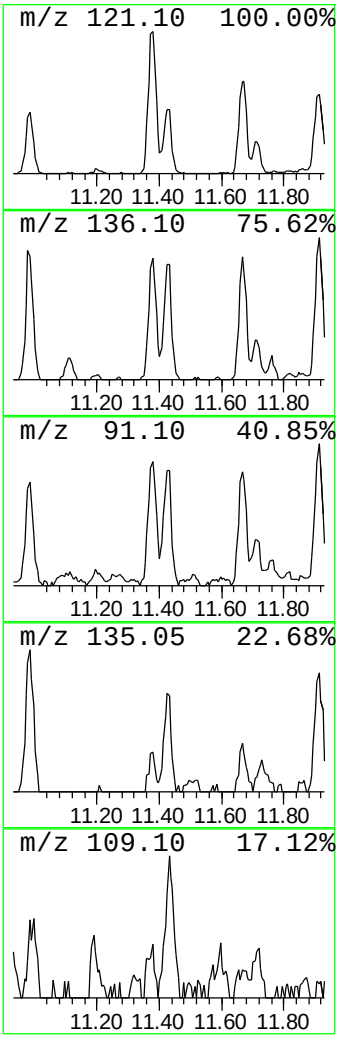
****

Peak Number 27 Phenol, 2,3,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	11.99 ng/ul	125493	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	74
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	74
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	74
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	74
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

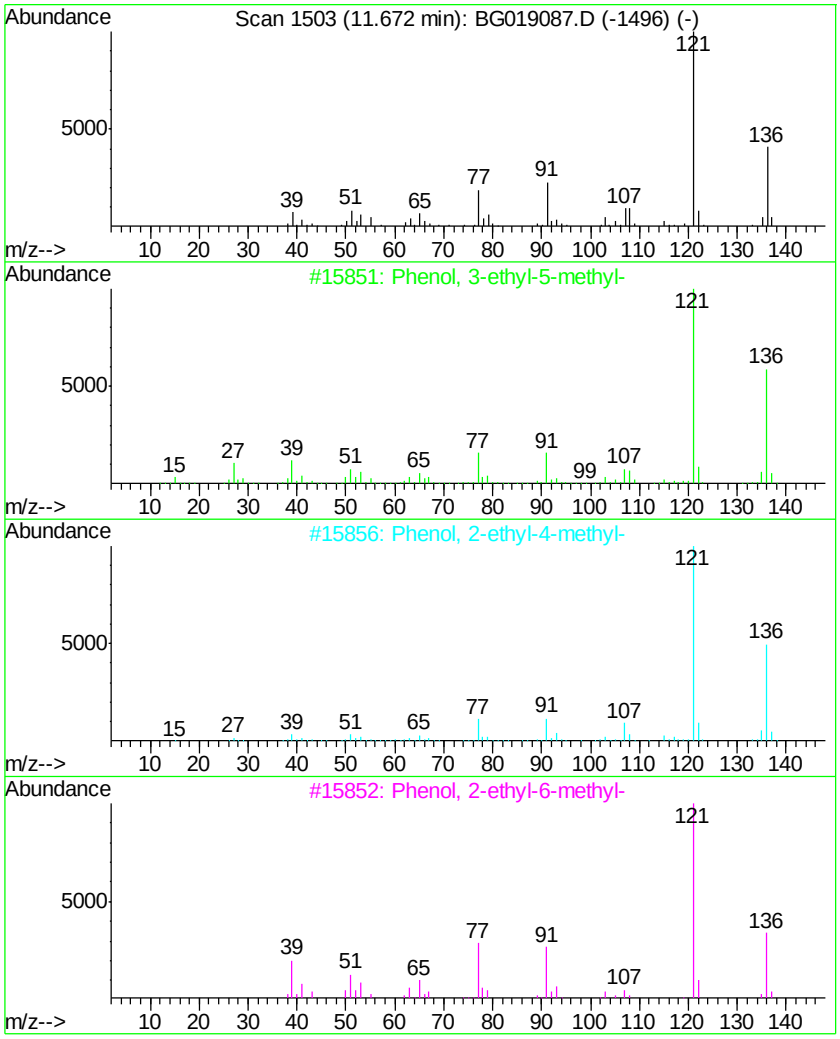
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

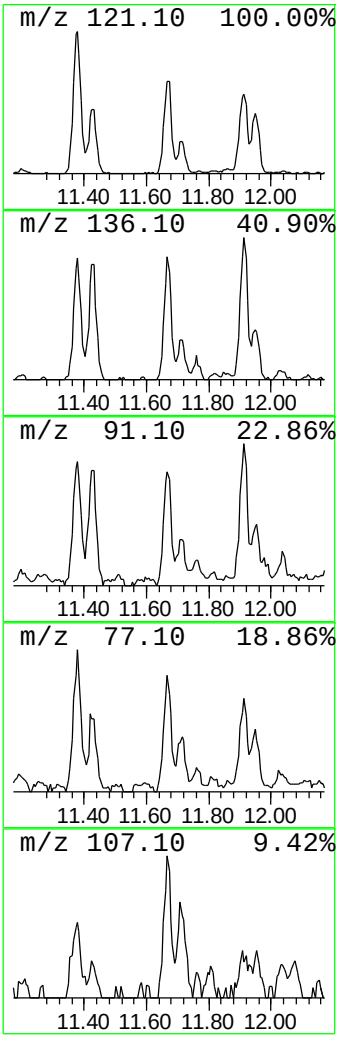
****

Peak Number 28 Phenol, 3-ethyl-5-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	12.26 ng/ul	128325	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	91
2	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	91
3	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	90
4	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	90
5	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

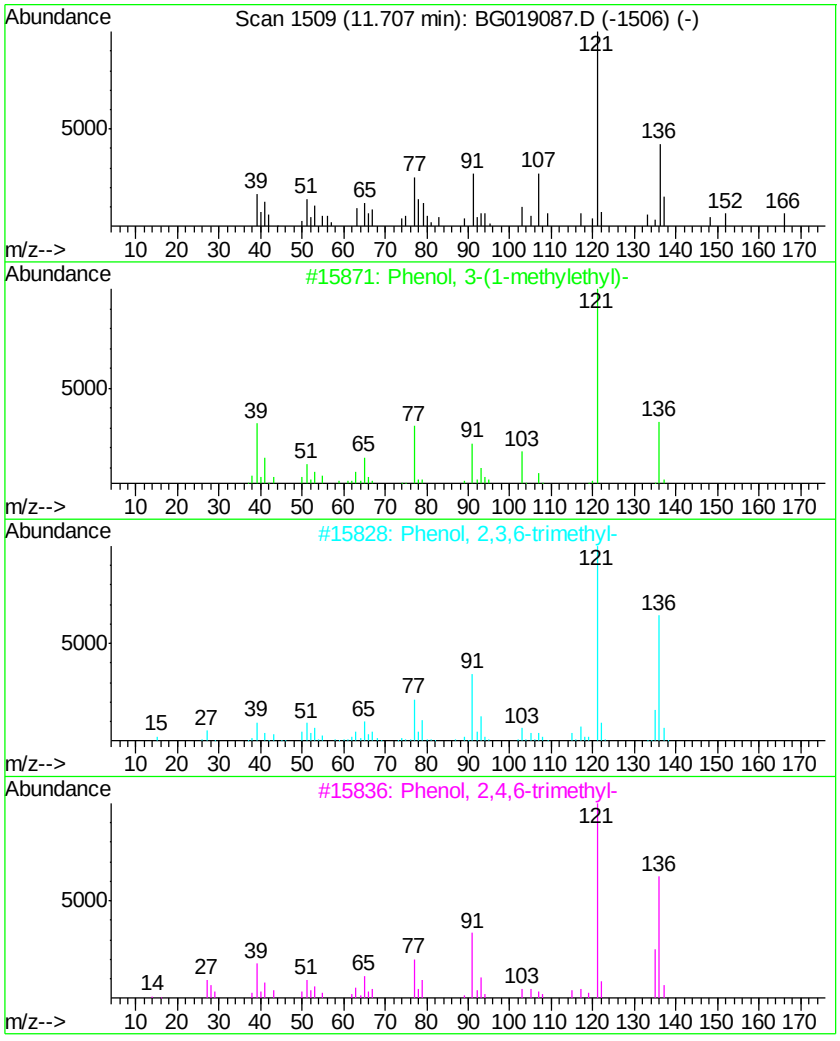
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

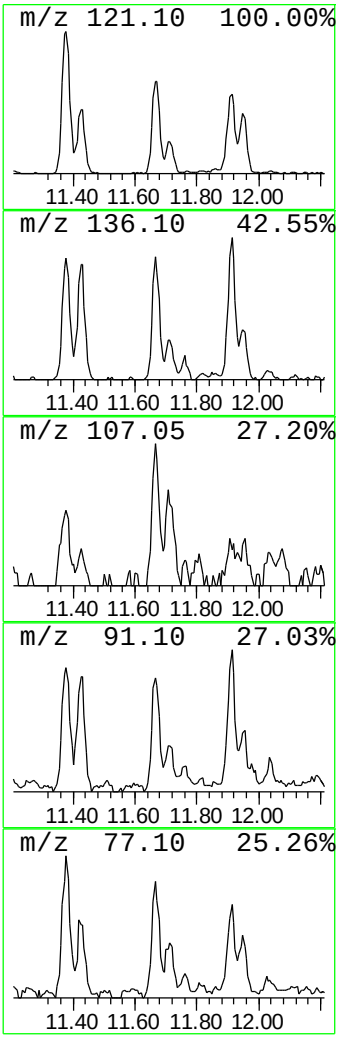
****

Peak Number 29 Phenol, 3-(1-methylethyl)- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	4.63 ng/ul	48469	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	76
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	74
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	68
4	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	68
5	Bicyclo[3.1.0]hex-2-ene, 4,4,6,6...	136	C10H16	019487-09-3	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

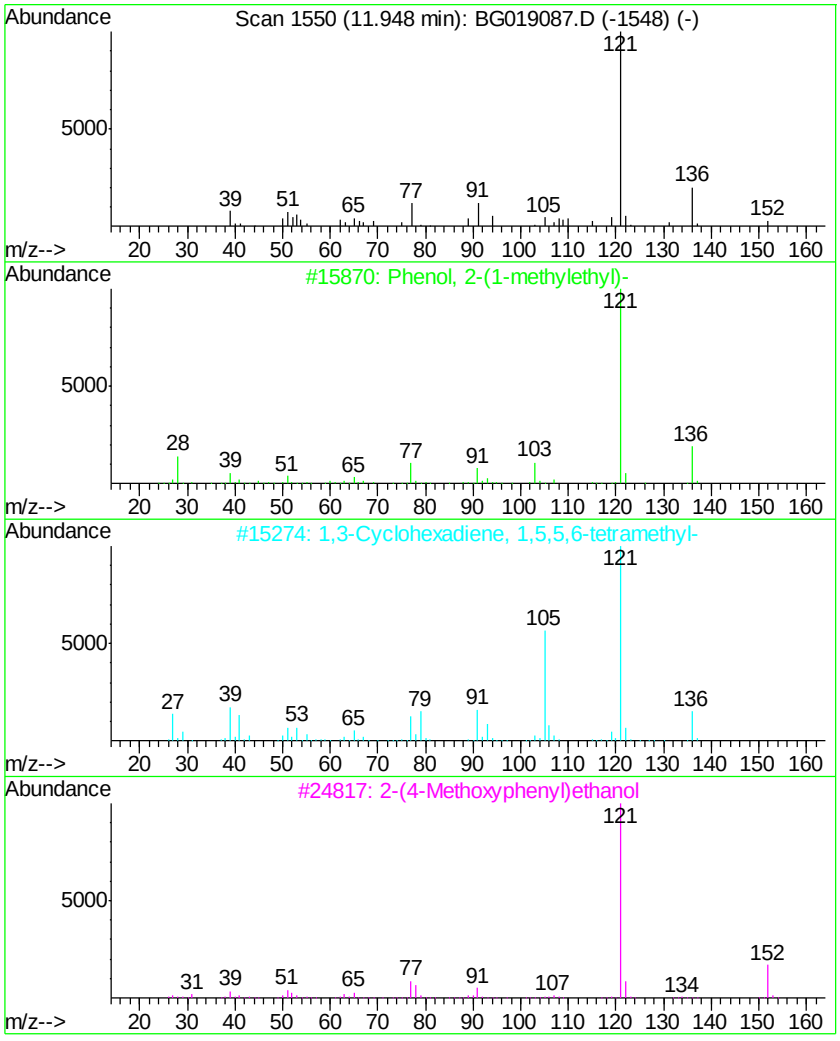
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

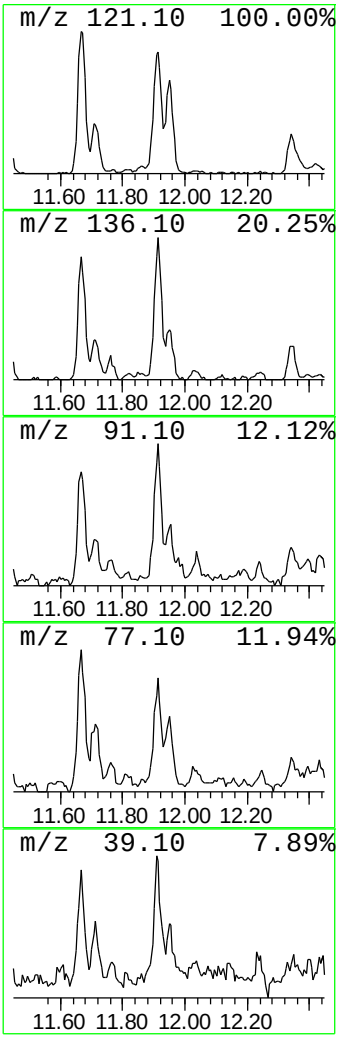
****

Peak Number 31 Phenol, 2-(1-methylethyl)- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	4.83 ng/ul	50600	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	72
2	1,3-Cyclohexadiene, 1,5,5,6-tetr...	136	C10H16	000514-94-3	59
3	2-(4-Methoxyphenyl)ethanol	152	C9H12O2	000702-23-8	47
4	Phenol, 4-ethyl-2-methyl-	136	C9H12O	002219-73-0	45
5	Cyclopentene, 1,2,3,3-tetramethy...	136	C10H16	1000152-27-2	42





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

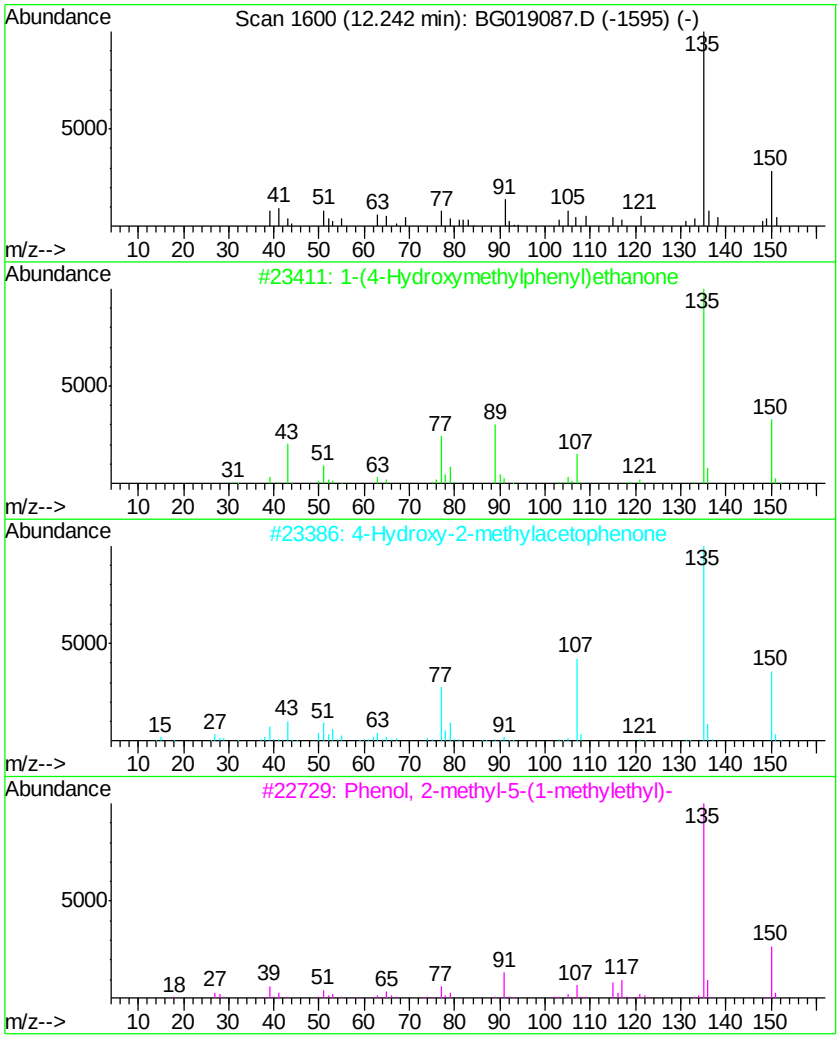
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

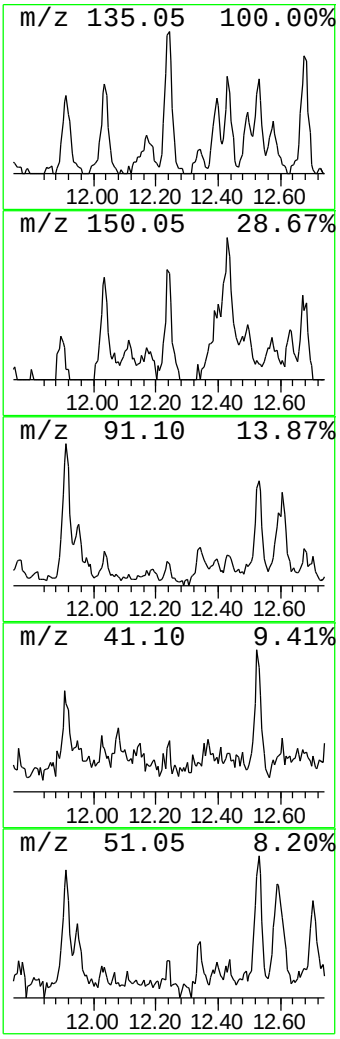
****

Peak Number 32 1-(4-Hydroxymethylphenyl)et... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	2.25 ng/ul	23595	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4-Hydroxymethylphenyl)ethanone	150	C9H10O2	075633-63-5	64
2	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	64
3	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	64
4	Thymol	150	C10H14O	000089-83-8	64
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

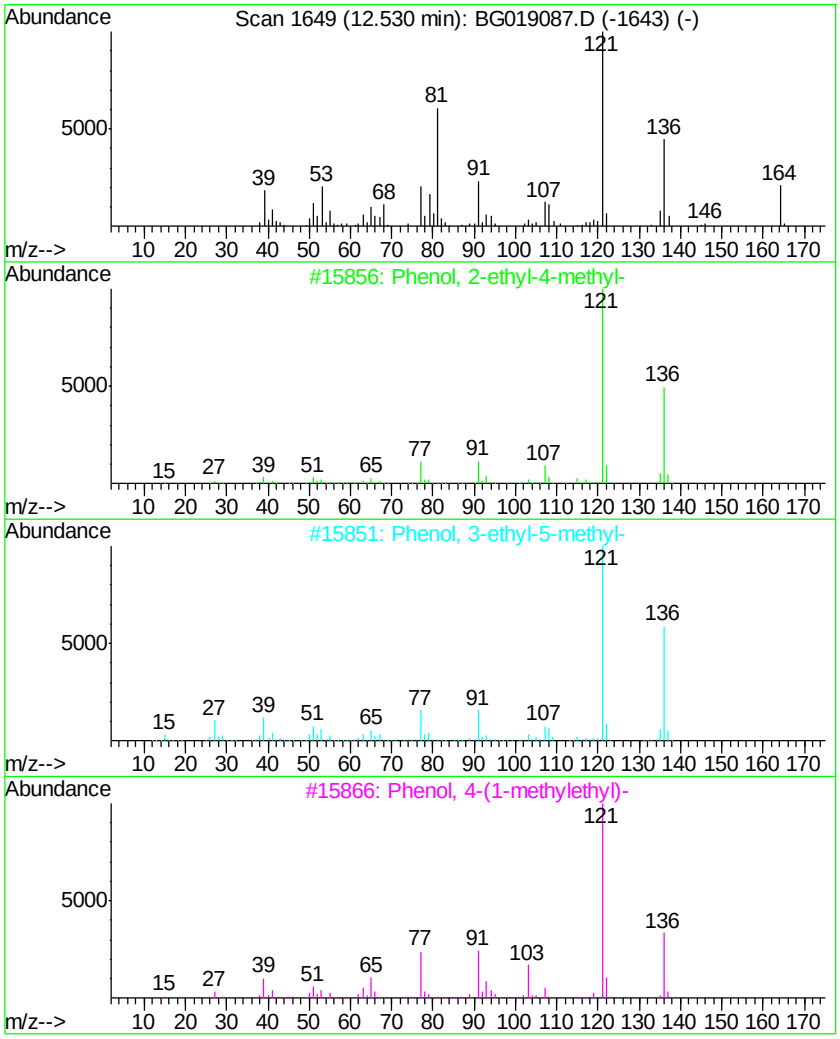
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

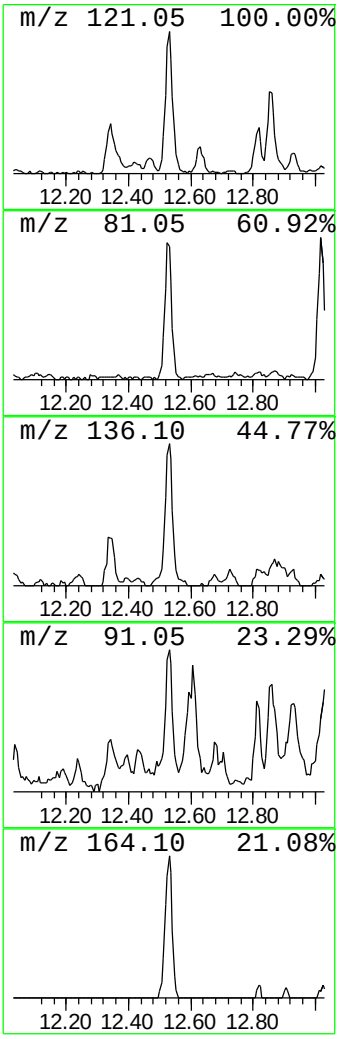
****

Peak Number 34 Phenol, 4-(1-methylethyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	13.77 ng/ul	144180	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	76
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	74
3	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	70
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	70
5	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
Data File : BG019087.D
Acq On : 9 Oct 2015 19:56
Operator : UM/NP
Sample : G3966-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.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...	3.22	30.9	ng/ul	218952	1	8.04	141579	20.0
Cycloheptanone, 2...	7.86	3.4	ng/ul	23991	1	8.04	141579	20.0
unknown-01	8.34	3.1	ng/ul	21840	1	8.04	141579	20.0
unknown-02	8.42	3.2	ng/ul	22540	1	8.04	141579	20.0
Cyclopent-2-ene-1...	8.68	10.5	ng/ul	74389	1	8.04	141579	20.0
unknown-03	9.00	3.5	ng/ul	24425	1	8.04	141579	20.0
unknown-04	9.06	2.1	ng/ul	14661	1	8.04	141579	20.0
Benzaldehyde, 2-m...	9.10	6.0	ng/ul	42860	1	8.04	141579	20.0
Ethanone, 1-(1-cy...	9.14	10.9	ng/ul	77422	1	8.04	141579	20.0
2-Cyclopenten-1-o...	9.31	6.3	ng/ul	44970	1	8.04	141579	20.0
(DEL) Alkane: Cyc...	9.36	2.3	ng/ul	16314	1	8.04	141579	20.0
2-Cyclopenten-1-o...	9.40	5.0	ng/ul	35098	1	8.04	141579	20.0
Phenol, 2,5-dimet...	9.46	6.3	ng/ul	66349	2	10.84	209381	20.0
unknown-05	9.51	2.4	ng/ul	25054	2	10.84	209381	20.0
Benzopyrimidine, ...	9.58	7.3	ng/ul	76354	2	10.84	209381	20.0
unknown-06	9.80	3.8	ng/ul	39970	2	10.84	209381	20.0
unknown-07	10.07	3.0	ng/ul	30904	2	10.84	209381	20.0
1H-Pyrazole, 1,3,...	10.12	4.5	ng/ul	47069	2	10.84	209381	20.0
1,3-Cyclopentadie...	10.31	3.5	ng/ul	36081	2	10.84	209381	20.0
Phenol, 3,4,5-tri...	10.66	8.3	ng/ul	86954	2	10.84	209381	20.0
Phenol, 2,4,6-tri...	10.98	11.2	ng/ul	117653	2	10.84	209381	20.0
Phenol, 2-propyl-	11.11	3.3	ng/ul	34124	2	10.84	209381	20.0
Cyclohexane, 1-me...	11.19	5.8	ng/ul	60647	2	10.84	209381	20.0
1H-Indazole, 3,6-...	11.25	2.2	ng/ul	23066	2	10.84	209381	20.0
Phenol, 4-ethyl-3...	11.38	16.4	ng/ul	171444	2	10.84	209381	20.0
Phenol, 2,3,6-tri...	11.43	12.0	ng/ul	125493	2	10.84	209381	20.0
Phenol, 3-ethyl-5...	11.67	12.3	ng/ul	128325	2	10.84	209381	20.0
Phenol, 3-(1-meth...	11.71	4.6	ng/ul	48469	2	10.84	209381	20.0
Phenol, 2-(1-meth...	11.95	4.8	ng/ul	50600	2	10.84	209381	20.0
1-(4-Hydroxymethy...	12.24	2.3	ng/ul	23595	2	10.84	209381	20.0
Phenol, 4-(1-meth...	12.53	13.8	ng/ul	144180	2	10.84	209381	20.0