LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.237	63	68	80	rVV	217542	325183	9.61%	0.398%
2	6.909	684	693	705	rVB4	152220	354696	10.48%	0.434%
3	7.520	791	797	802	rBV	119816	192439	5.69%	0.236%
4	7.590	803	809	818	rVV3	152840	273739	8.09%	0.335%
5	7.690	818	826	830	rVV4	125358	302409	8.94%	0.370%
6	7.737	830	834	840	rVV3	152637	265007	7.83%	0.325%
7	7.931	860	867	872	rBV	192611	338517	10.01%	0.415%
8	8.019	875	882	889	rVB3	124487	275111	8.13%	0.337%
9	8.207	899	914	922	rBV2	186037	478071	14.13%	0.585%
10	8.478	950	960	965	rBV	876889	1635558	48.34%	2.003%
11	8.601	972	981	988	rBV4	128393	339883	10.05%	0.416%
12	8.748	1001	1006	1015	rVB2	97290	193383	5.72%	0.237%
13	8.854	1015	1024	1032	rBV3	916374	1753458	51.83%	2.147%
14	8.924	1032	1036	1041	rVB2	139517	213128	6.30%	0.261%
15	8.989	1041	1047	1054	rBV2	93948	195182	5.77%	0.239%
16	9.183	1072	1080	1083	rBV3	176425	317521	9.39%	0.389%
17	9.324	1093	1104	1110	rBV3	795625	1852951	54.77%	2.269%
18	9.382	1110	1114	1118	rVB	129020	209470	6.19%	0.257%
19	9.494	1125	1133	1138	rBV3	588014	1147705	33.92%	1.405%
20	9.541	1138	1141	1143	rVV2	121143	191387	5.66%	0.234%
21	9.576	1143	1147	1153	rVV3	254516	474702	14.03%	0.581%
22	9.647	1153	1159	1164	rVV	1222305	2094035	61.89%	2.564%
23	9.688	1164	1166	1173	rVV	195206	384031	11.35%	0.470%
24	9.764	1173	1179	1188	rVB2	635593	1145671	33.86%	1.403%
25	9.988	1198	1217	1224	rBV	818403	1598316	47.24%	1.957%
26	10.111	1231	1238	1247	rBV6	305393	794951	23.50%	0.973%
27	10.205	1247	1254	1256	rVV	795672	1438303	42.51%	1.761%
28	10.234	1256	1259	1268	rVV4	800563	1766291	52.21%	2.163%
29	10.317	1268	1273	1280	rVB2	389157	794512	23.48%	0.973%
30	10.516	1302	1307	1320	rVB	1825633	3383256	100.00%	4.143%
31	10.669	1320	1333	1339	rBV2	899299	1933621	57.15%	2.368%
32	10.722	1339	1342	1352	rVB7	97433	210443	6.22%	0.258%
33	10.857	1357	1365	1369	rBV	469279	1132415	33.47%	1.387%
34	10.910	1370	1374	1383	rVB3	694717	1411104	41.71%	1.728%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	11.039	1392	1396	1401	rVB	190283	299435	8.85%	0.367%
36	11.098	1401	1406	1414	rVB9	150208	349466	10.33%	0.428%
37	11.180	1414	1420	1429	rVB	910626	1638496	48.43%	2.006%
38	11.280	1431	1437	1439	rBV3	231648	446151	13.19%	0.546%
39	11.392	1450	1456	1461	rVB4	503697	875930	25.89%	1.073%
40	11.445	1461	1465	1468	rBV2	155002	258210	7.63%	0.316%
41	11.480	1468	1471	1475	rVB	170296	250233	7.40%	0.306%
42	11.574	1481	1487	1491	rBV	708567	1234641	36.49%	1.512%
43	11.627	1491	1496	1503	rVB2	886626	1575542	46.57%	1.929%
44	11.797	1518	1525	1530	rVB5	186660	351059	10.38%	0.430%
45	11.868	1530	1537	1542	rBV	1330209	2461267	72.75%	3.014%
46	12.056	1563	1569	1573	rBV	708018	1265363	37.40%	1.550%
47	12.109	1573	1578	1582	rVV	1424172	2472166	73.07%	3.027%
48	12.150	1582	1585	1593	rVV3	385399	689544	20.38%	0.844%
49	12.220	1593	1597	1602	rVB2	245762	351003	10.37%	0.430%
50	12.420	1625	1631	1634	rBV3	423462	719345	21.26%	0.881%
51	12.461	1634	1638	1644	rVB	569395	897700	26.53%	1.099%
52	12.532	1645	1650	1655	rBV	291986	575134	17.00%	0.704%
53	12.590	1655	1660	1661	rBV2	146050	221586	6.55%	0.271%
54	12.720	1676	1682	1689	rBV3	785098	1642891	48.56%	2.012%
55	12.784	1689	1693	1694	rBV	240145	276757	8.18%	0.339%
56	12.896	1709	1712	1716	rBV2	177856	248462	7.34%	0.304%
57	13.002	1725	1730	1733	rBV2	543606	891395	26.35%	1.092%
58	13.043	1733	1737	1745	rVV2	1167802	2083538	61.58%	2.551%
59	13.113	1745	1749	1752	rVV2	286150	374433	11.07%	0.459%
60	13.196	1759	1763	1766	rBV4	472755	778562	23.01%	0.953%
61	13.260	1766	1774	1779	rVV5	747171	1825196	53.95%	2.235%
62	13.313	1779	1783	1788	rVV3	328533	515875	15.25%	0.632%
63	13.437	1799	1804	1811	rVB6	177253	340636	10.07%	0.417%
64	13.542	1813	1822	1826	rBV4	286802	743017	21.96%	0.910%
65	13.589	1826	1830	1835	rVV5	262046	547788	16.19%	0.671%
66	13.642	1835	1839	1843	rVB2	352515	528323	15.62%	0.647%
67	13.707	1846	1850	1856	rVV8	154367	327300	9.67%	0.401%
68	13.818	1864	1869	1875	rVB4	480261	891342	26.35%	1.092%
69	13.977	1890	1896	1899	rBV	785226	1300189	38.43%	1.592%
70	14.106	1915	1918	1923	rVB3	287976	374277	11.06%	0.458%
71	14.171	1925	1929	1931	rBV2	283103	416470	12.31%	0.510%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

72	14.330	1950	1956	1966	rBV4	743390	1624031	48.00%	1.989%
73	14.418	1967	1971	1975	rVV	329291	617825	18.26%	0.757%
74	14.465	1975	1979	1985	rVB3	384483	692122	20.46%	0.848%
75	14.535	1985	1991	2004	rVB2	524580	1362442	40.27%	1.668%
76	14.659	2008	2012	2014	rBV4	150862	231714	6.85%	0.284%
77	14.841	2036	2043	2051	rBV6	719377	2075652	61.35%	2.542%
78	14.911	2051	2055	2059	rVB	563062	774099	22.88%	0.948%
79	14.999	2066	2070	2072	rBV2	351026	595370	17.60%	0.729%
80	15.029	2072	2075	2082	rVB2	685712	1056096	31.22%	1.293%
81	15.135	2089	2093	2102	rBV6	239270	722353	21.35%	0.885%
82	15.211	2103	2106	2110	rVB	268992	349595	10.33%	0.428%
83	15.305	2118	2122	2129	rBV4	198479	365261	10.80%	0.447%
84	15.458	2144	2148	2152	rVB4	269162	394132	11.65%	0.483%
85	15.610	2170	2174	2177	rBV2	259273	376659	11.13%	0.461%
86	15.763	2196	2200	2205	rBV4	236582	482877	14.27%	0.591%
87	15.822	2205	2210	2215	rVB2	620523	1030525	30.46%	1.262%
88	15.934	2226	2229	2234	rVB4	235403	351365	10.39%	0.430%
89	16.086	2251	2255	2262	rBV7	139122	378258	11.18%	0.463%
90	16.198	2271	2274	2278	rBV3	269239	377153	11.15%	0.462%
91	16.263	2282	2285	2289	rVB	249816	310151	9.17%	0.380%
92	16.697	2356	2359	2366	rVB4	264345	409030	12.09%	0.501%
93	17.244	2449	2452	2458	rVB3	255642	440147	13.01%	0.539%
94	17.579	2505	2509	2514	rBV2	461301	663061	19.60%	0.812%
95	17.679	2521	2526	2532	rVB	655251	957835	28.31%	1.173%
96	18.448	2654	2657	2664	rVB6	139240	220765	6.53%	0.270%
97	19.952	2908	2913	2918	rVB	845429	1239195	36.63%	1.517%
98	21.868	3233	3239	3246	rVB	562885	979832	28.96%	1.200%
99	25.011	3765	3774	3789	rVB	427450	1224034	36.18%	1.499%
100	25.240	3805	3813	3829	rVB2	301916	905259	26.76%	1.109%

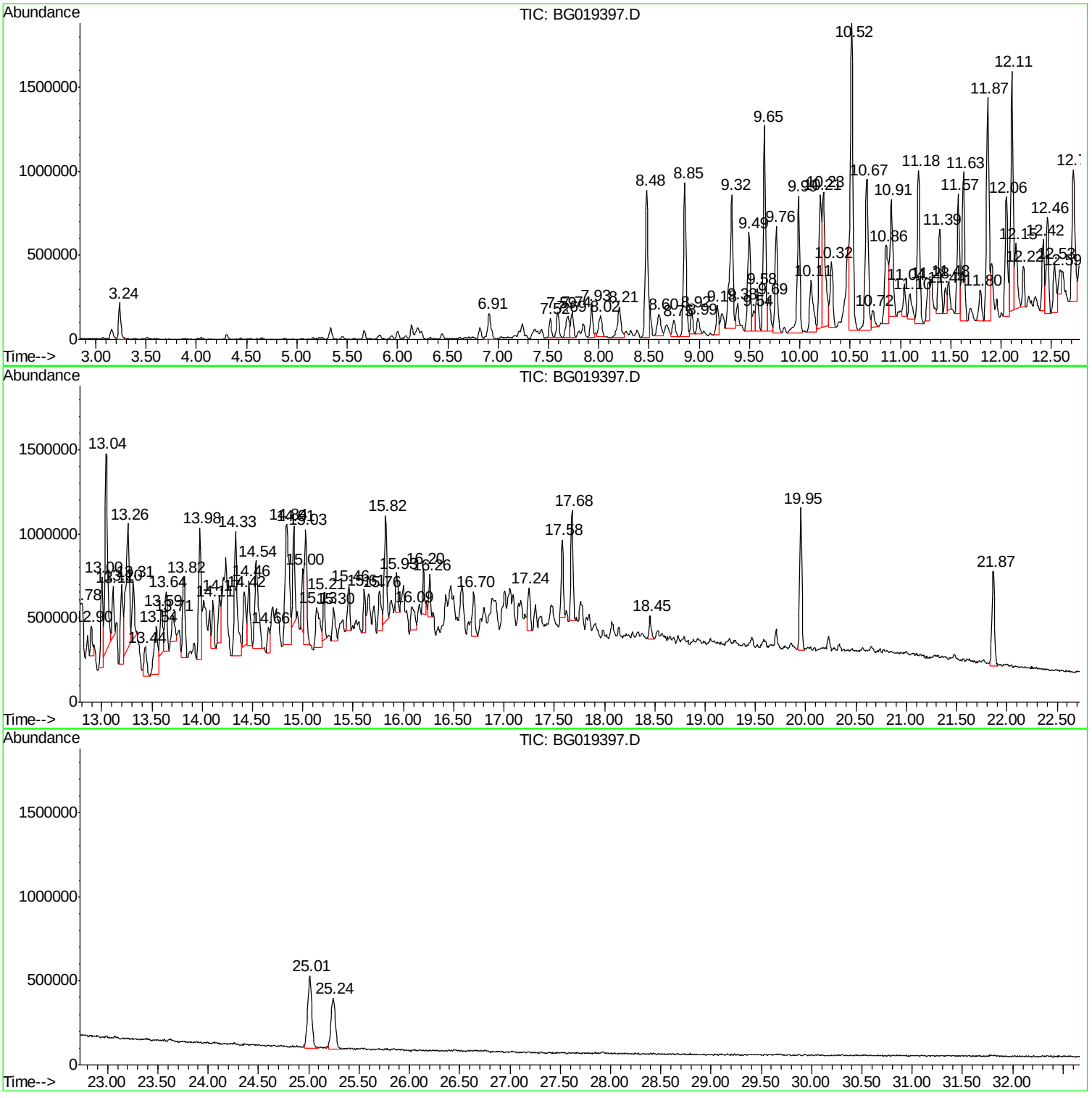
Sum of corrected areas: 81662009

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

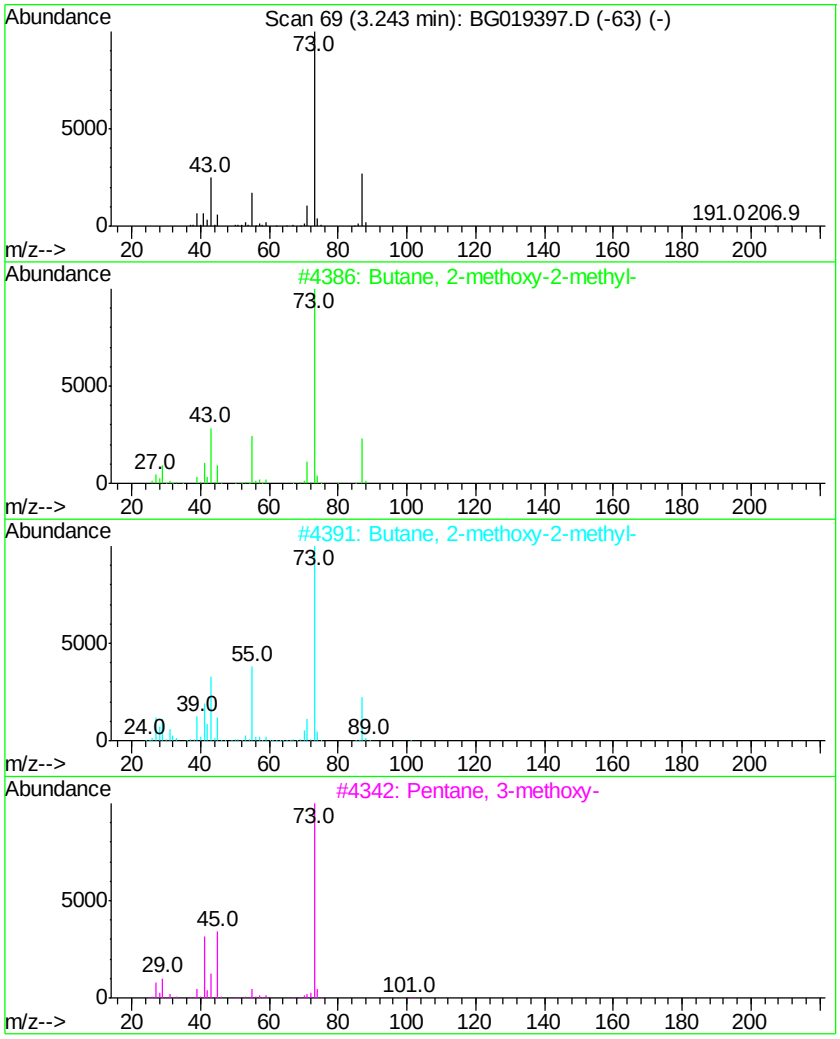
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

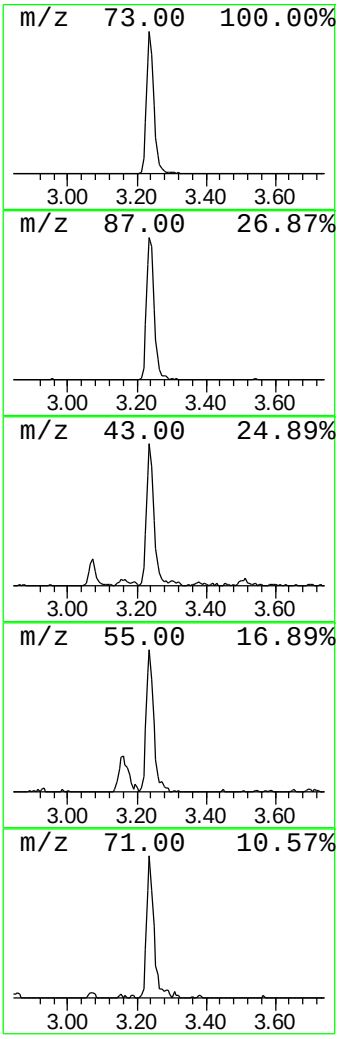
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	13.60 ng/ul	325183	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

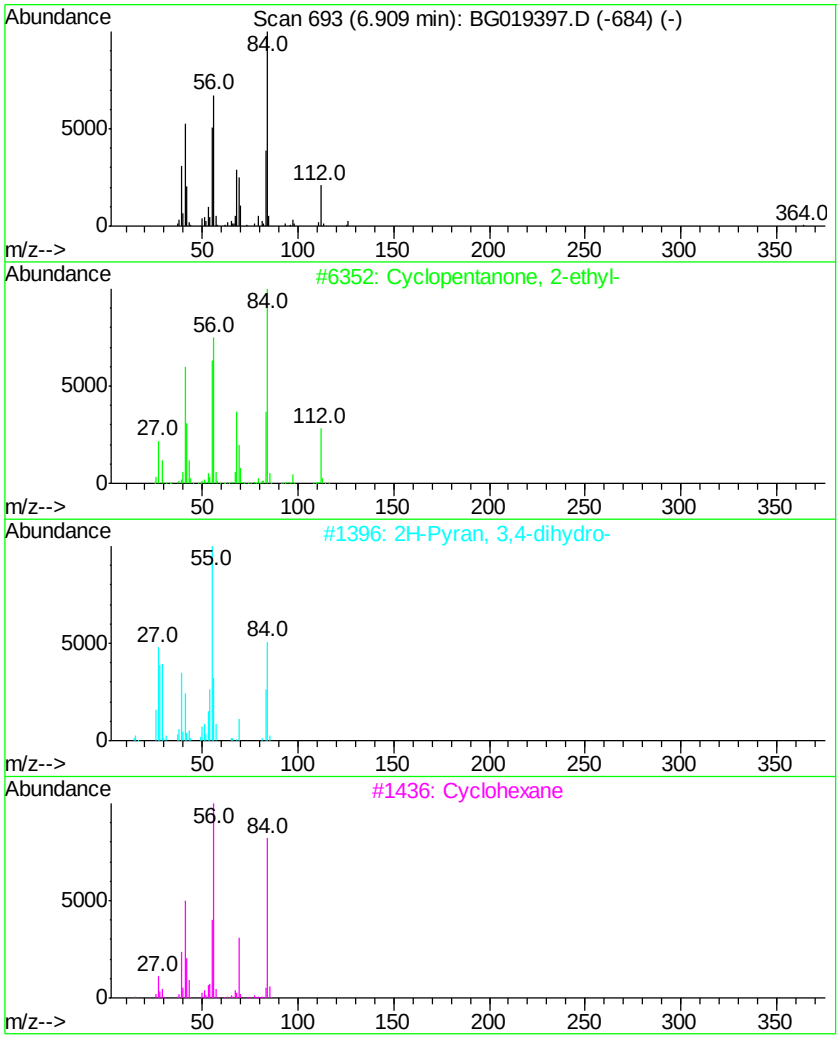
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

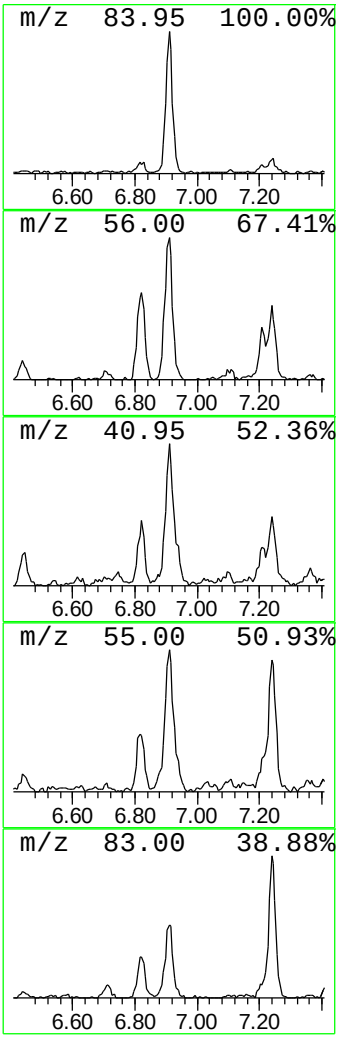
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclopentanone, 2-ethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	14.84 ng/ul	354696	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	91
2	2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	50
3	Cyclohexane	84	C6H12	000110-82-7	49
4	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	47
5	Cyclohexane	84	C6H12	000110-82-7	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

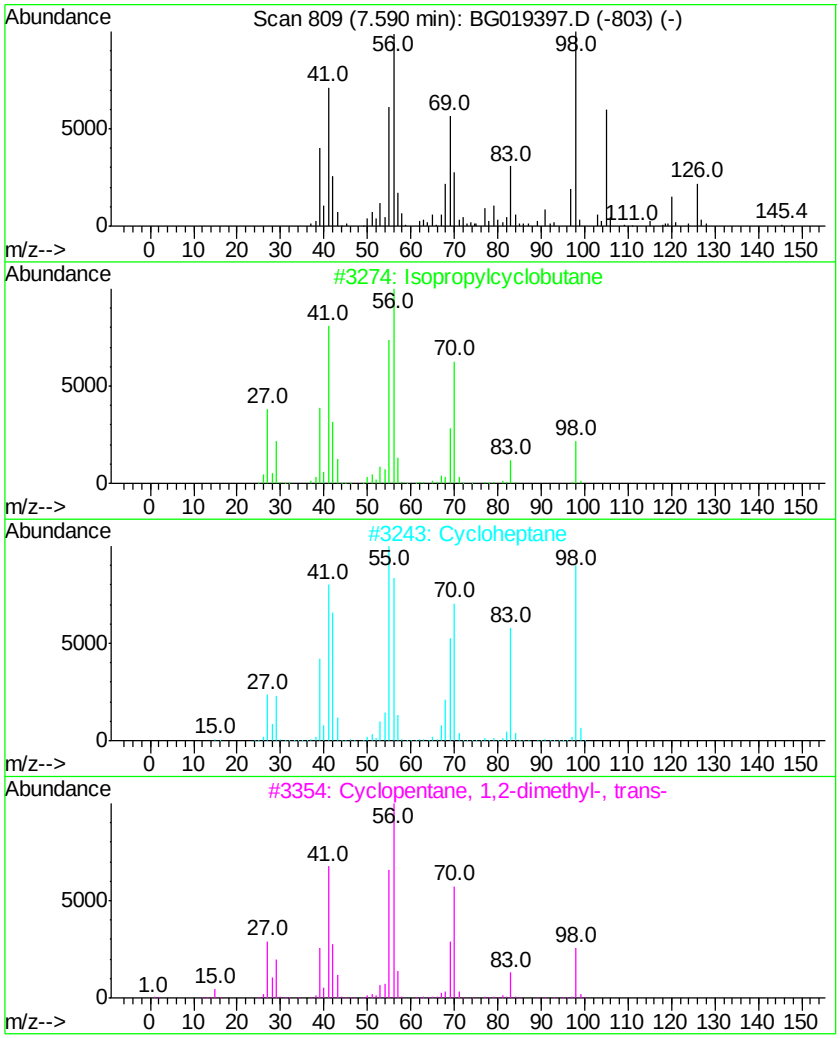
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

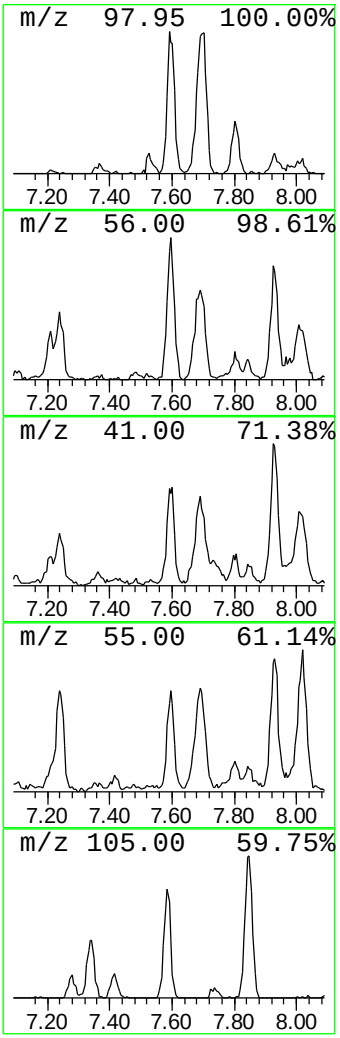
****

Peak Number 3 (DEL) Alkane: Cyclic7.59 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	11.45 ng/ul	273739	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	64
2	Cycloheptane	98	C7H14	000291-64-5	50
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	49
4	(Z)-2-Heptene	98	C7H14	006443-92-1	49
5	2-Heptene	98	C7H14	000592-77-8	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

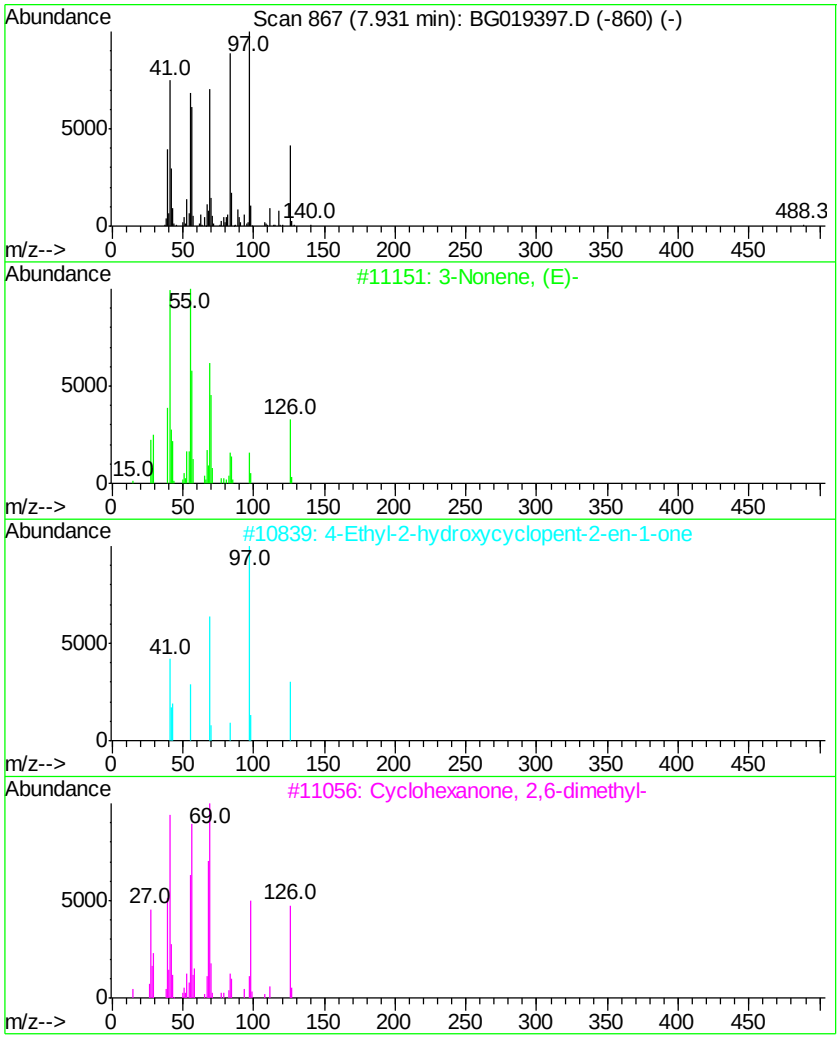
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

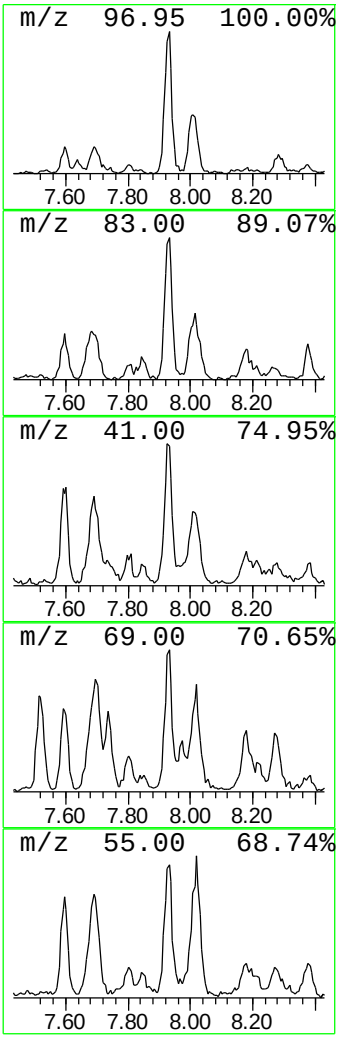
****

Peak Number 4 (DEL) Alkane: Cyclic7.93 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	14.16 ng/ul	338517	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Nonene, (E)-	126	C9H18	020063-92-7	43
2	4-Ethyl-2-hydroxycyclopent-2-en-...	126	C7H10O2	028017-62-1	38
3	Cyclohexanone, 2,6-dimethyl-	126	C8H14O	002816-57-1	35
4	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	35
5	2-Nonene, (E)-	126	C9H18	006434-78-2	30





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

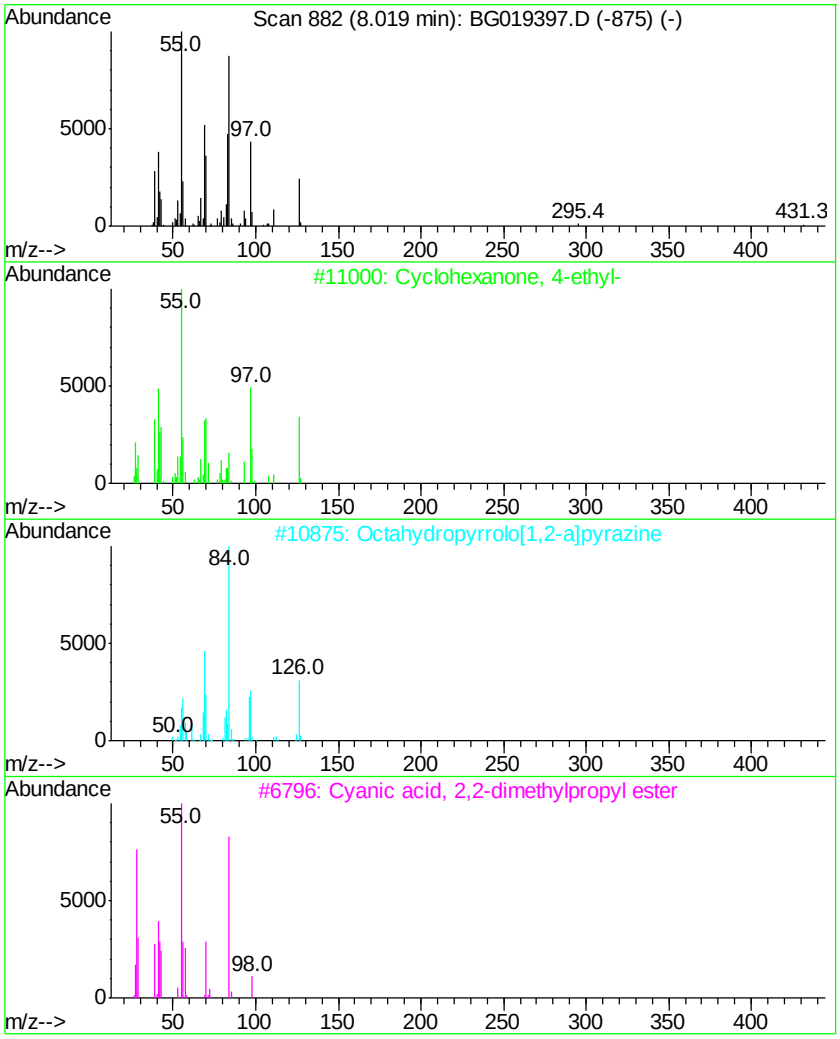
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

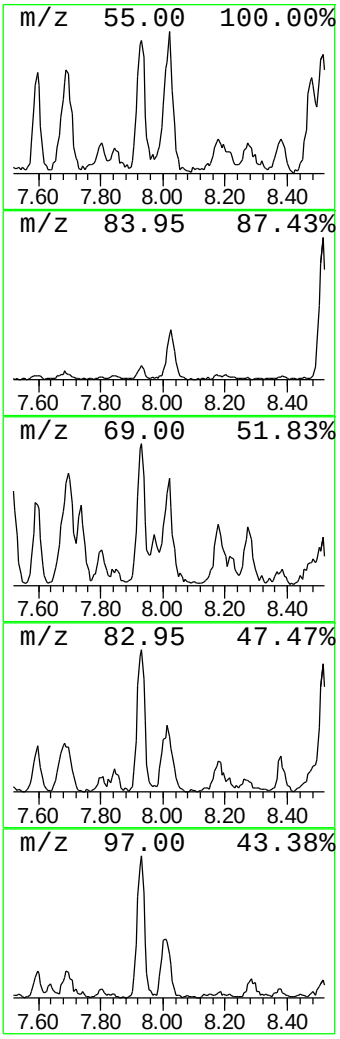
****

Peak Number 5 unknown-01 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	11.51 ng/ul	275111	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 4-ethyl-	126	C8H14O	005441-51-0	45
2	Octahydropyrrolo[1,2-a]pyrazine	126	C7H14N2	005654-83-1	43
3	Cyanic acid, 2,2-dimethylpropyl ...	113	C6H11NO	001459-44-5	43
4	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	43
5	2,4-Pentadien-1-ol, 3-propyl-, (...	126	C8H14O	1000142-17-9	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

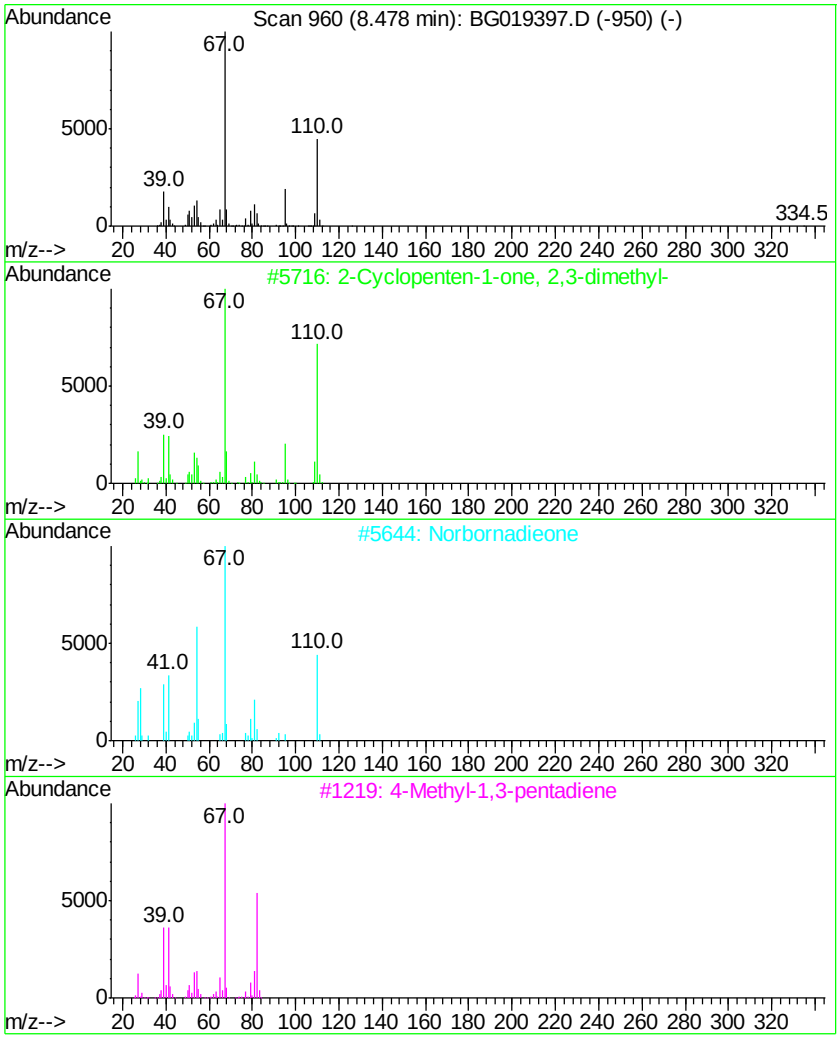
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

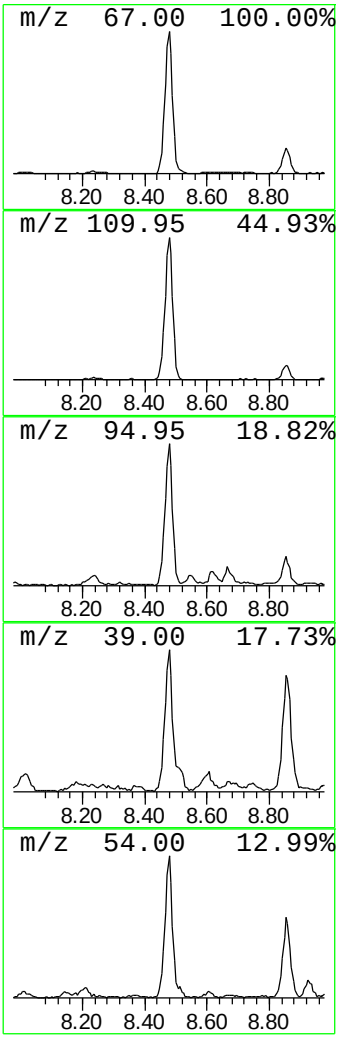
****

Peak Number 6 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	68.42 ng/ul	1635560	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	91
2	Norbornadieone	110	C7H10O	010218-02-7	72
3	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	53
4	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	53
5	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	52





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

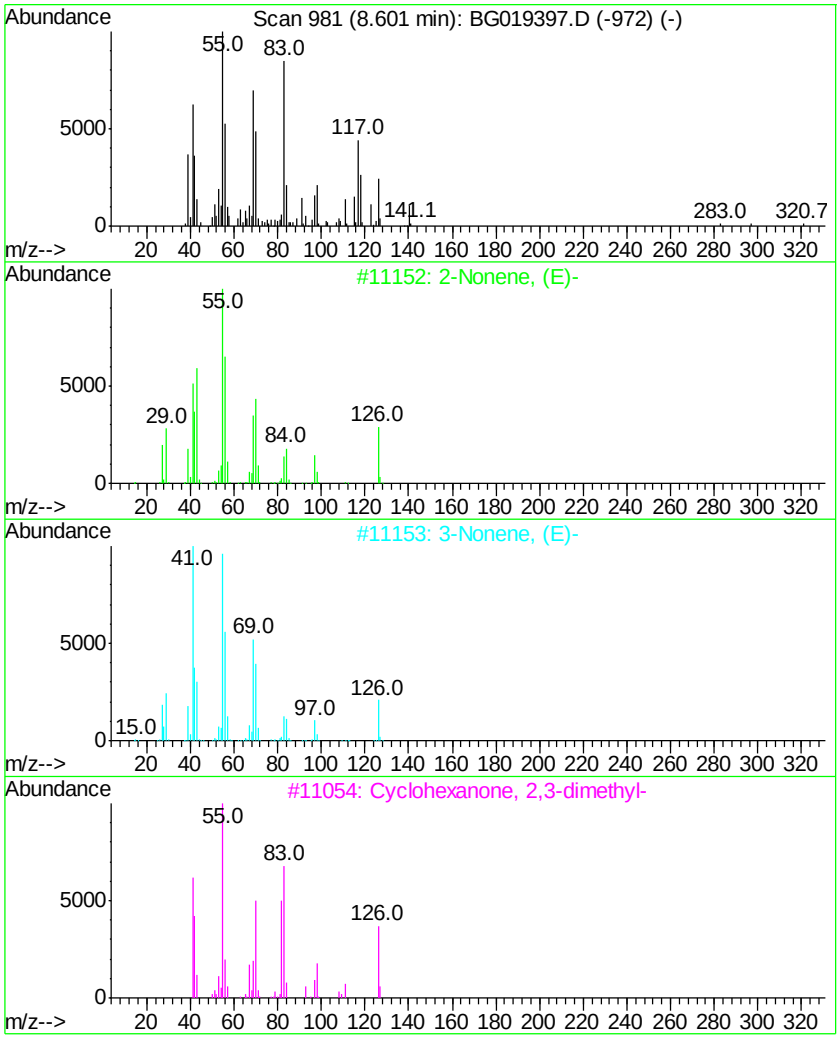
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

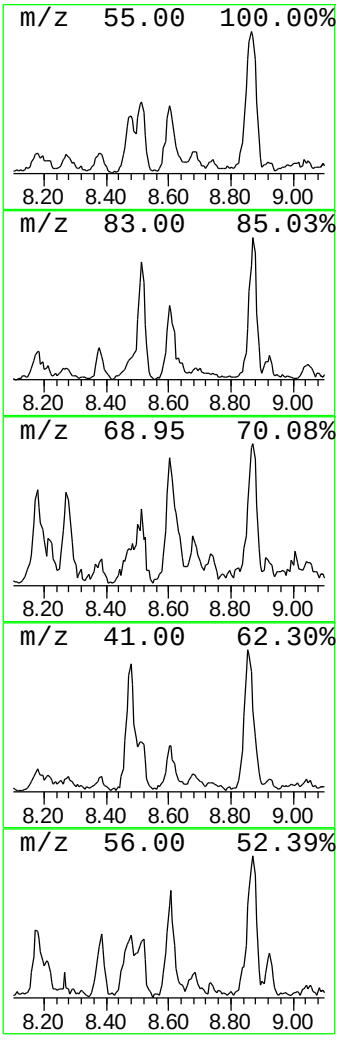
****

Peak Number 7 Cyclohexanone, 2,3-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	14.22 ng/ul	339883	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonene, (E)-	126	C9H18	006434-78-2	60
2	3-Nonene, (E)-	126	C9H18	020063-92-7	46
3	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	46
4	3-Nonene	126	C9H18	020063-77-8	42
5	2-Nonene, (E)-	126	C9H18	006434-78-2	42





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

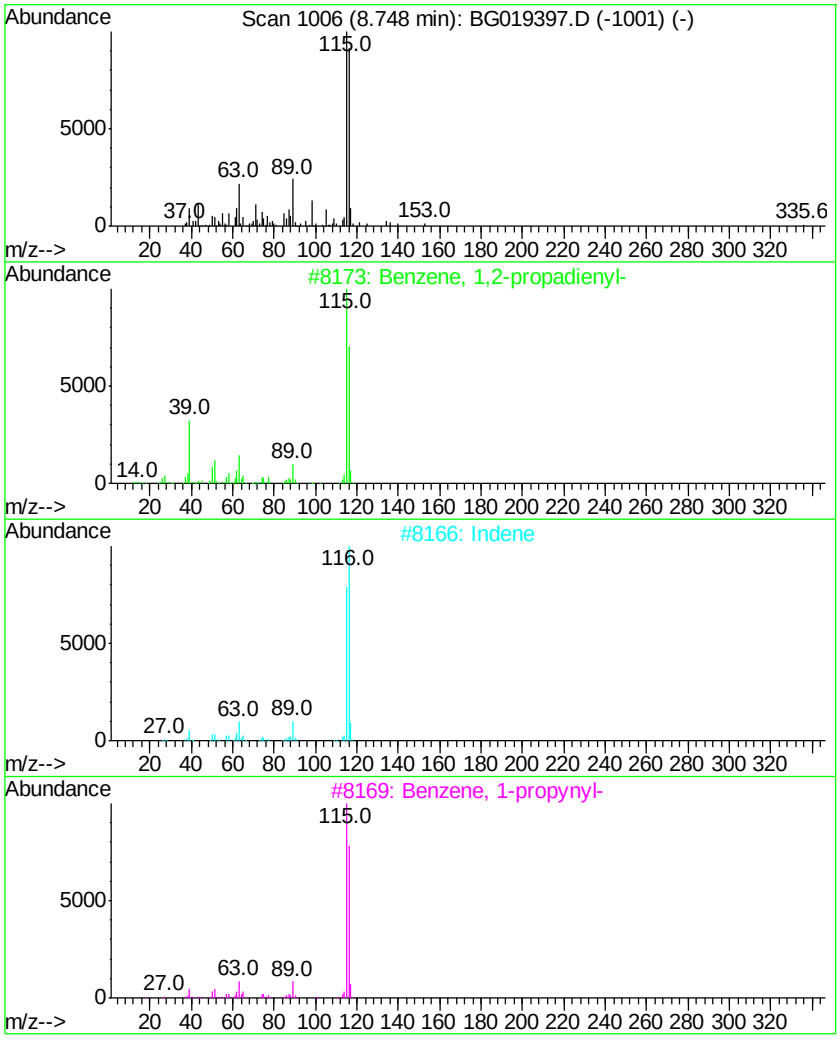
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

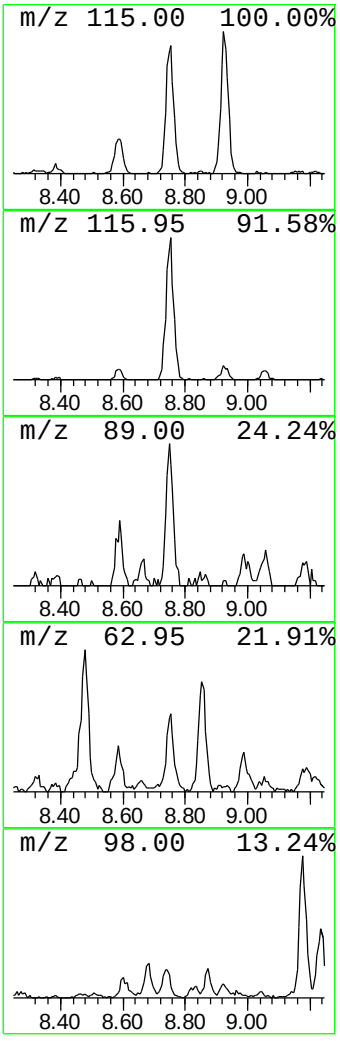
****

Peak Number 8 Benzene, 1,2-propadienyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	8.09 ng/ul	193383	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	94
2	Indene	116	C9H8	000095-13-6	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	87
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

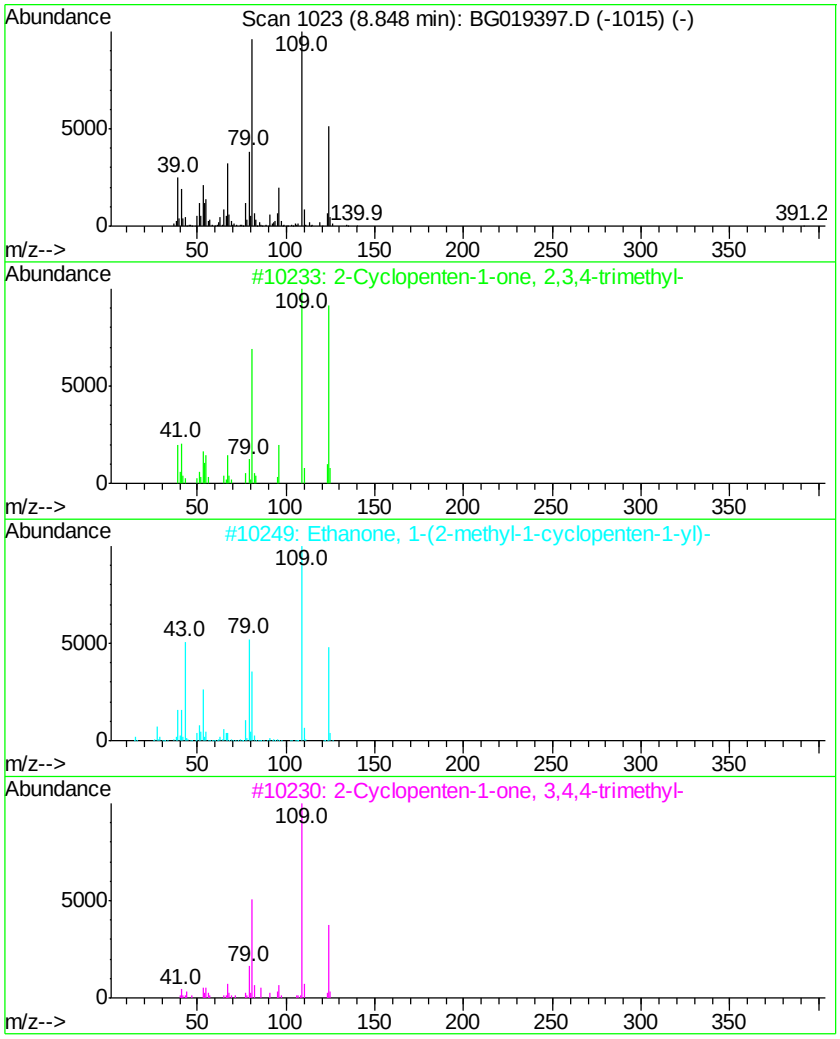
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

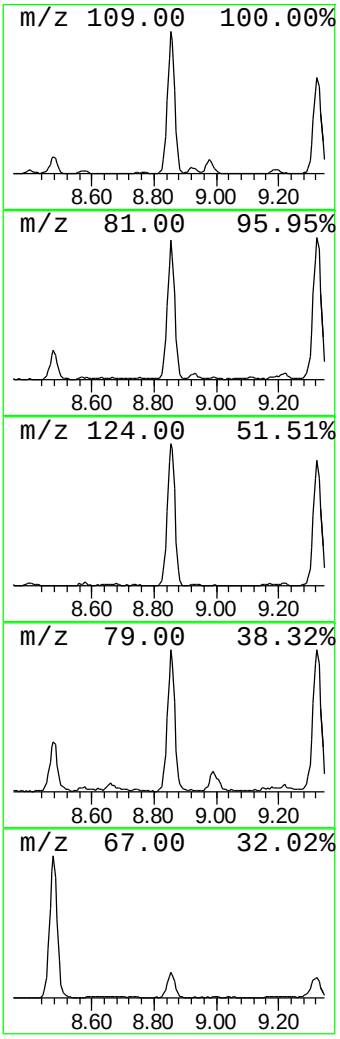
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2-Cyclopenten-1-one, 2,3,4-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	73.36 ng/ul	1753460	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	91
2	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	90
3	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	74
4	Cyclopent-2-ene-1-one, 2,3,4-tri...	124	C8H12O	083321-16-8	68
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	62





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

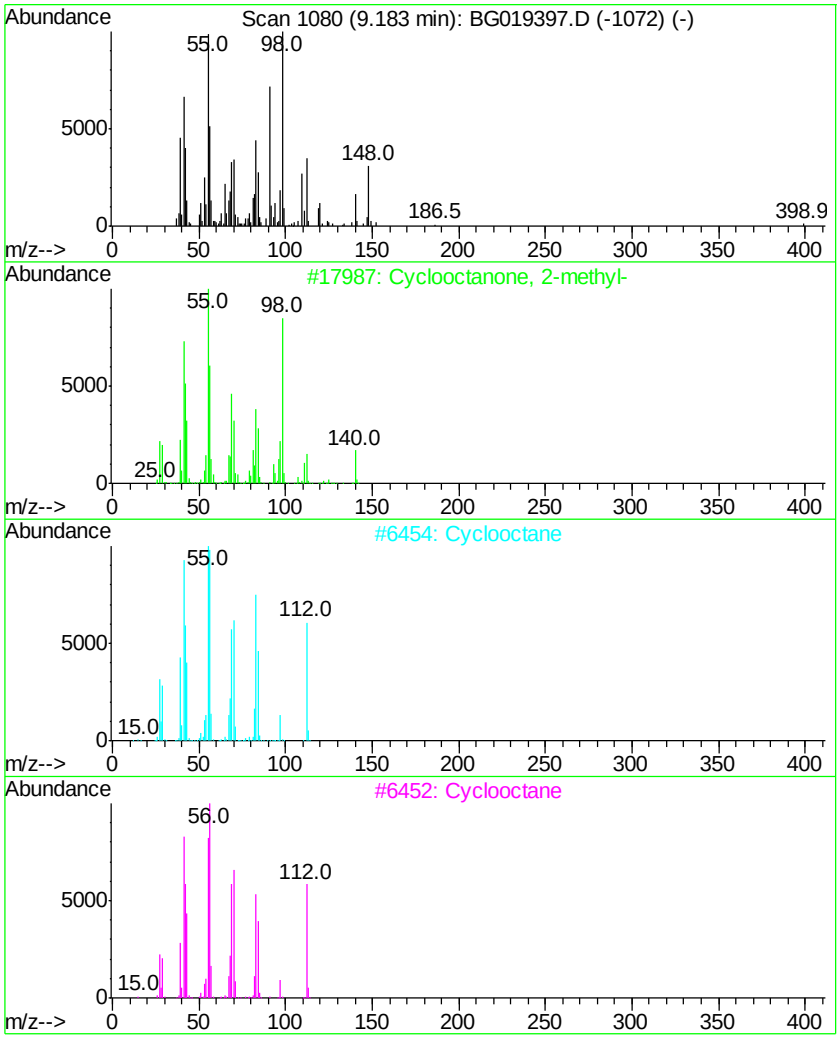
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

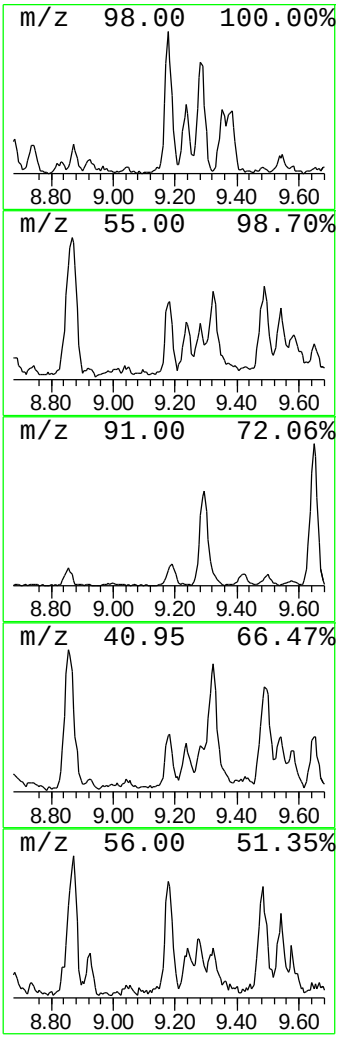
****

Peak Number 10 Cyclooctanone, 2-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	13.28 ng/ul	317521	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctanone, 2-methyl-	140	C9H16O	010363-27-6	60
2	Cyclooctane	112	C8H16	000292-64-8	50
3	Cyclooctane	112	C8H16	000292-64-8	46
4	Cycloheptanone	112	C7H12O	000502-42-1	42
5	Cyclooctane	112	C8H16	000292-64-8	42





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

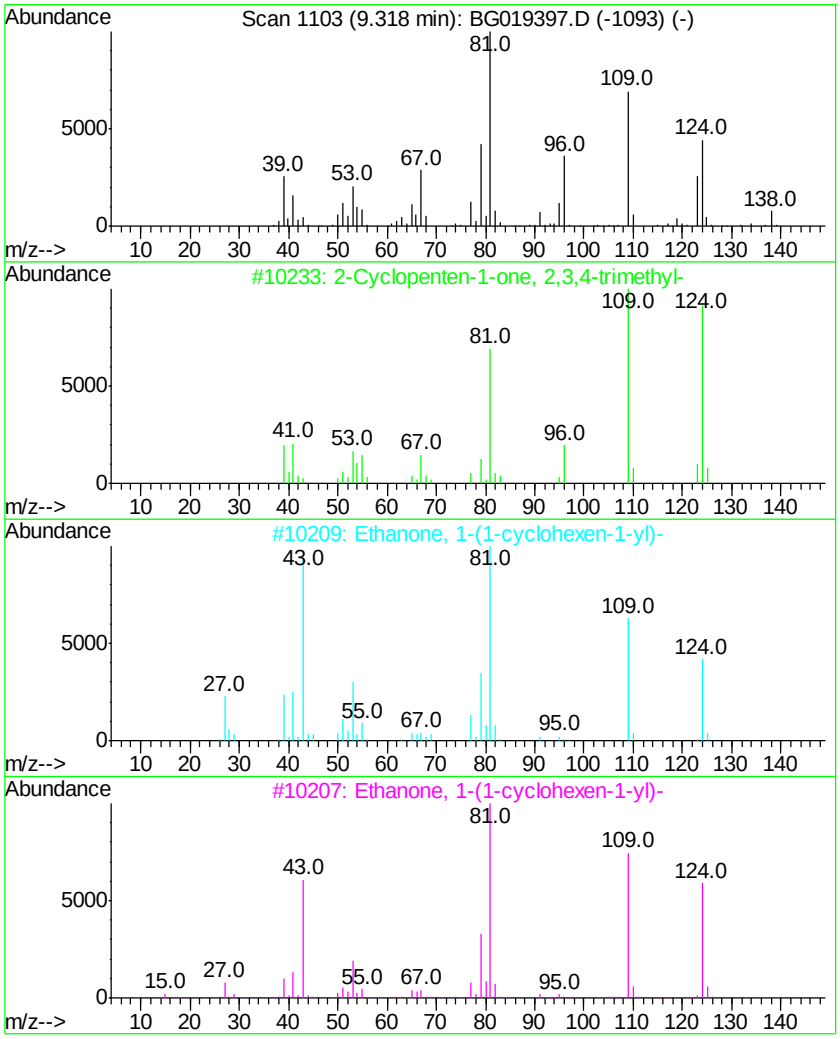
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

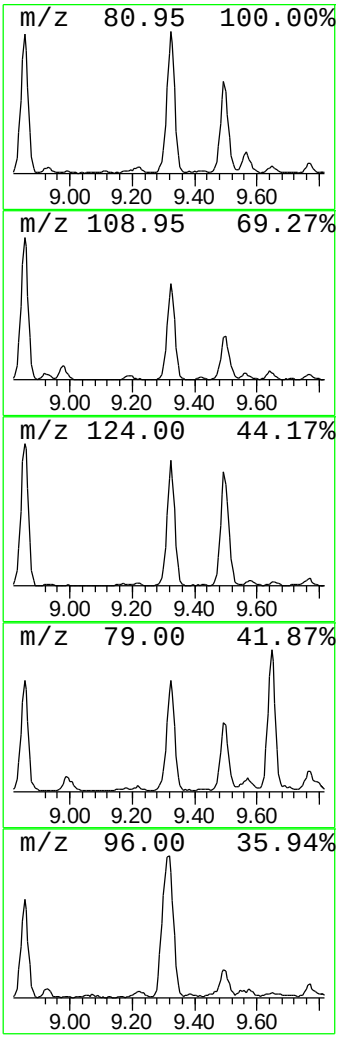
****

Peak Number 11 Ethanone, 1-(1-cyclohexen-1... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	77.52 ng/ul	1852950	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	74
2	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	68
3	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	68
4	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	55
5	1,3-Pentadiene, 2,3-dimethyl-	96	C7H12	001113-56-0	55





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

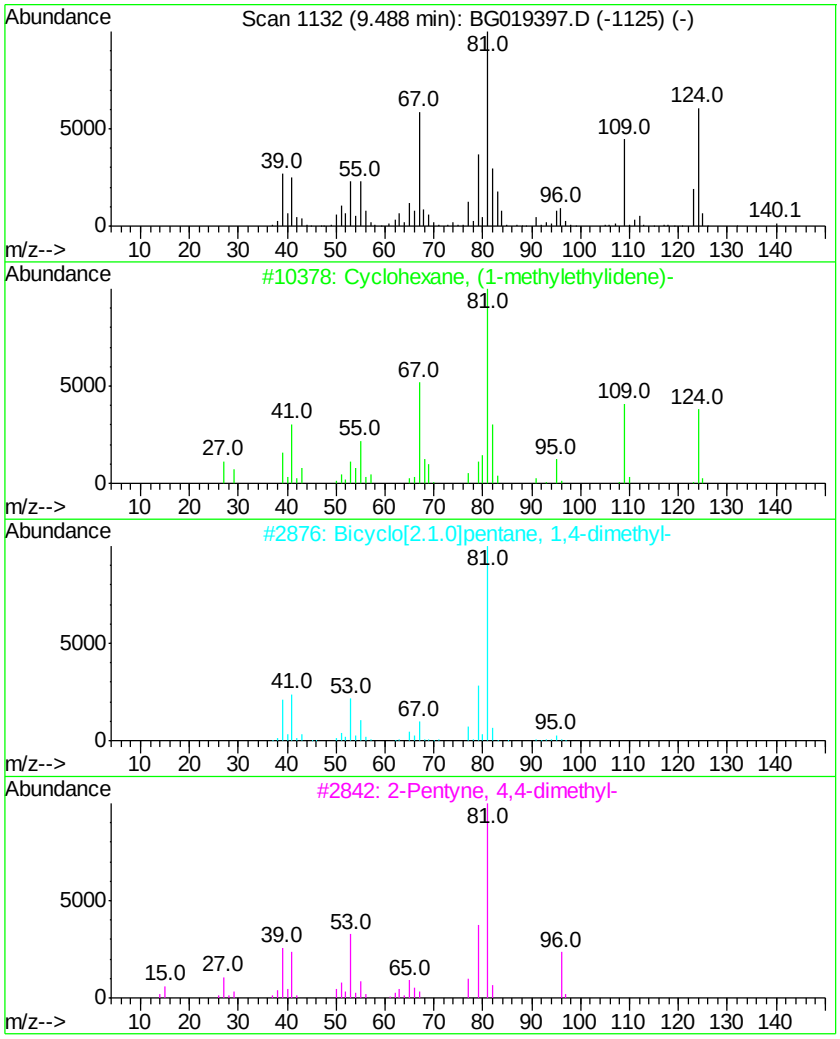
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

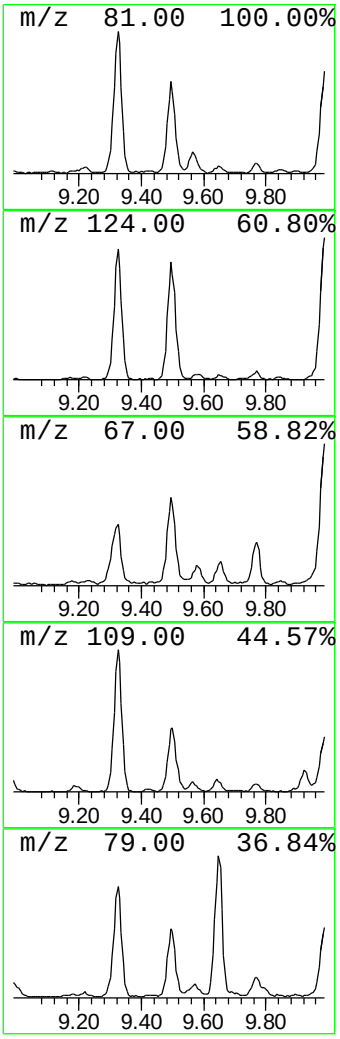
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclohexane, (1-methylethyl... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	48.01 ng/ul	1147710	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	72
2	Bicyclo[2.1.0]pentane, 1,4-dimet...	96	C7H12	017065-18-8	46
3	2-Pentyne, 4,4-dimethyl-	96	C7H12	000999-78-0	46
4	2-n-Butyl furan	124	C8H12O	004466-24-4	43
5	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

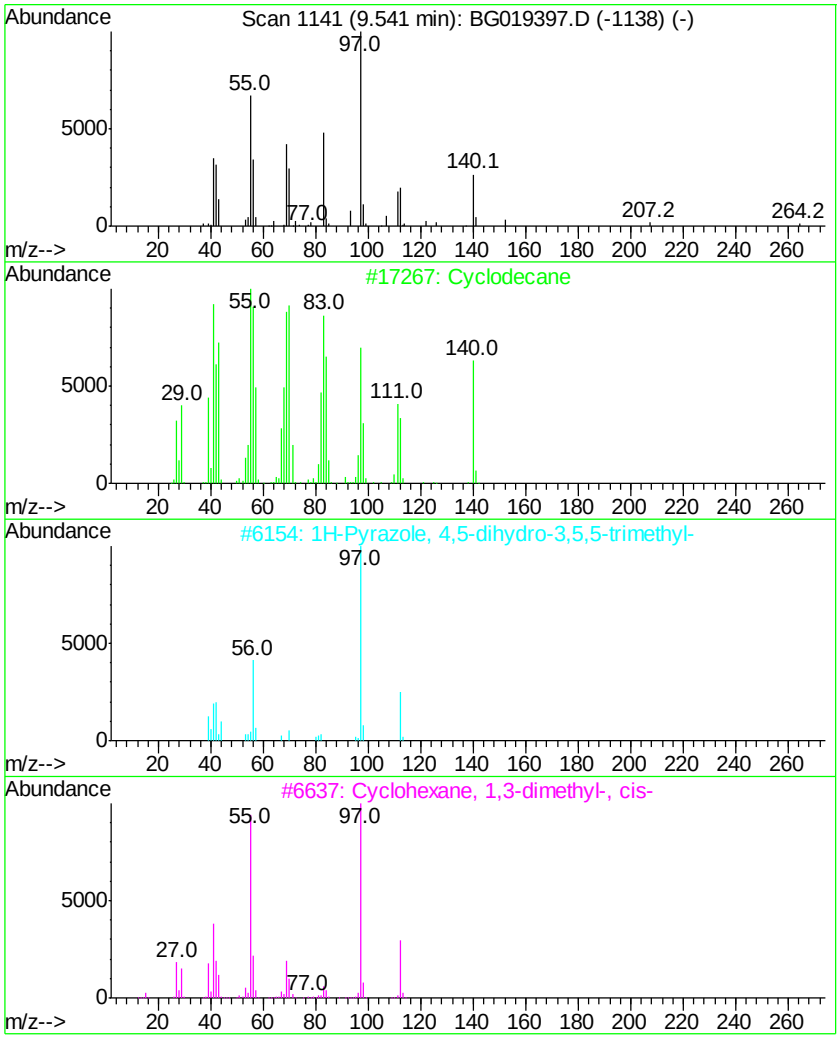
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

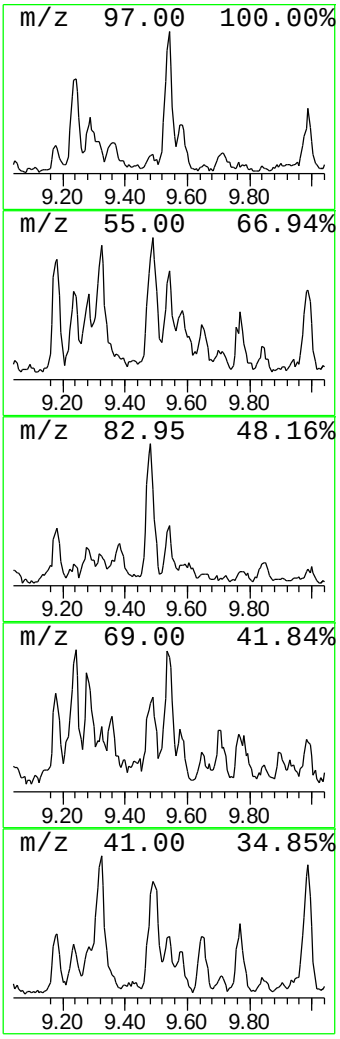
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Cyclic9.54 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	8.01 ng/ul	191387	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodecane	140	C10H20	000293-96-9	49
2	1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	47
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	46
4	Cyclohexadecane	224	C16H32	000295-65-8	43
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

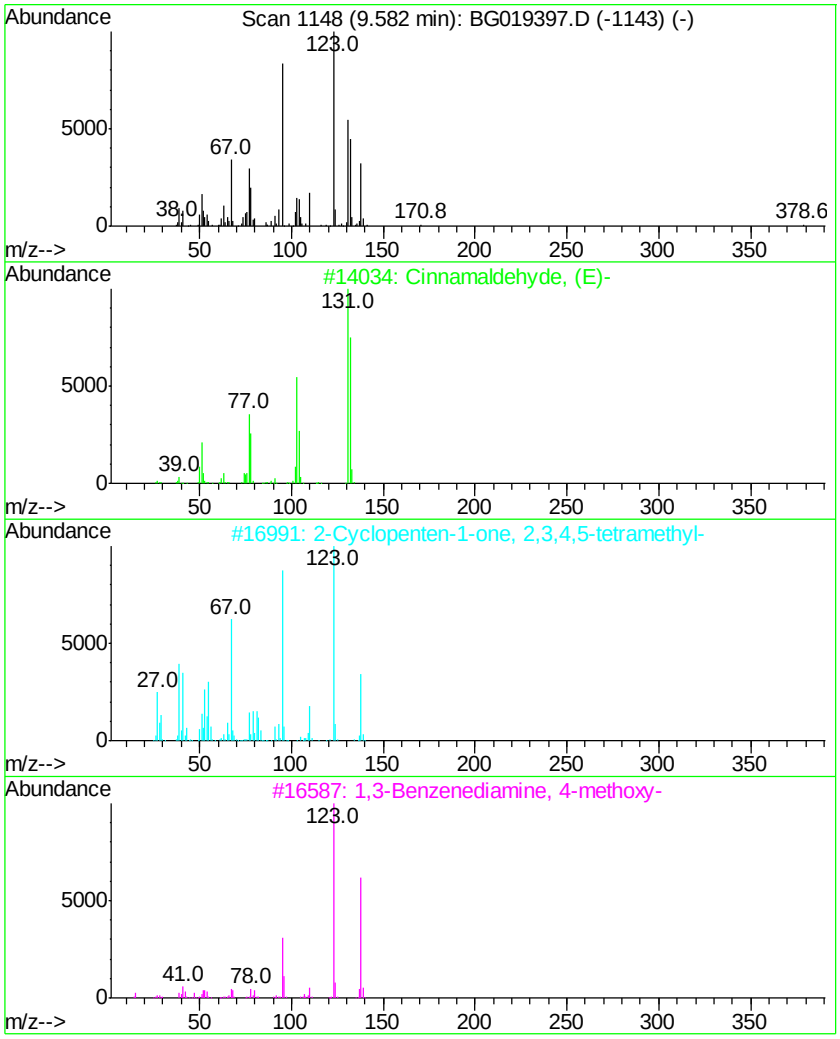
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

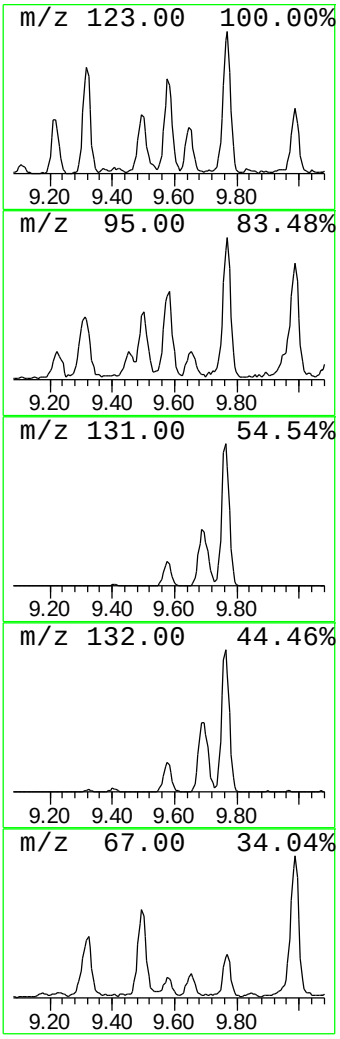
****

Peak Number 14 unknown-02 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	19.86 ng/ul	474702	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	46
2	2-Cyclopenten-1-one, 2,3,4,5-tet...	138	C9H14O	054458-61-6	45
3	1,3-Benzenediamine, 4-methoxy-	138	C7H10N2O	000615-05-4	43
4	Benzene, 1,4-dimethoxy-	138	C8H10O2	000150-78-7	41
5	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

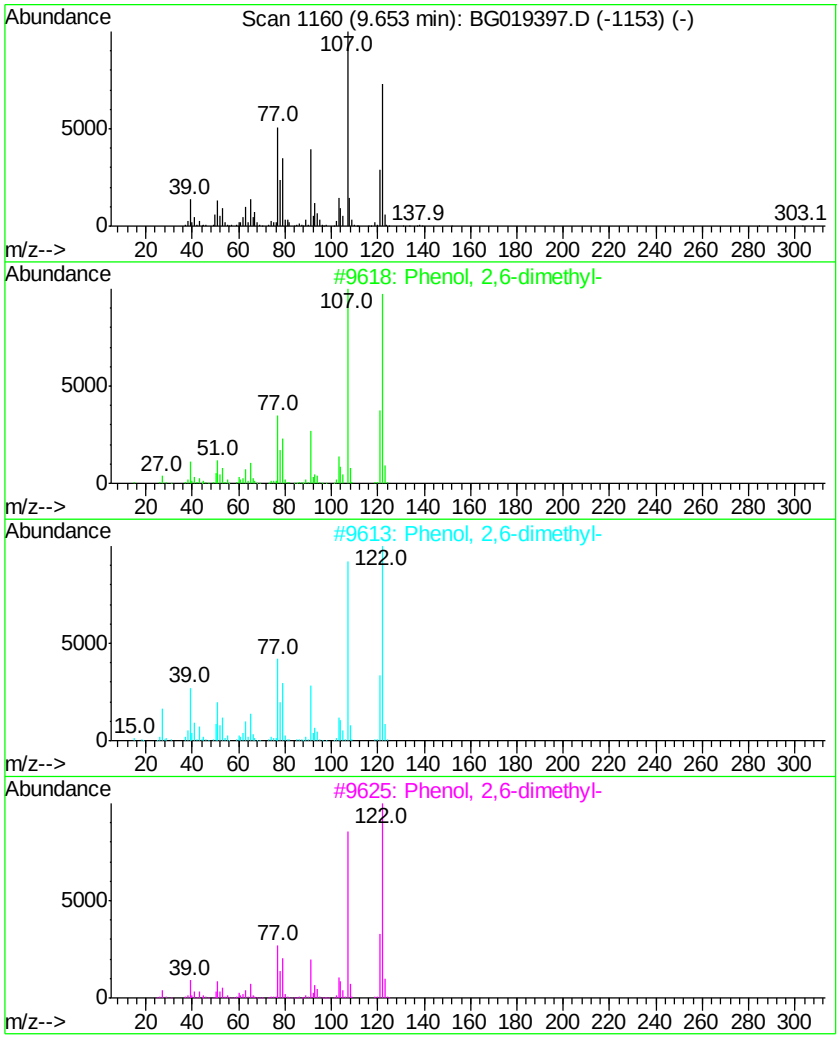
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

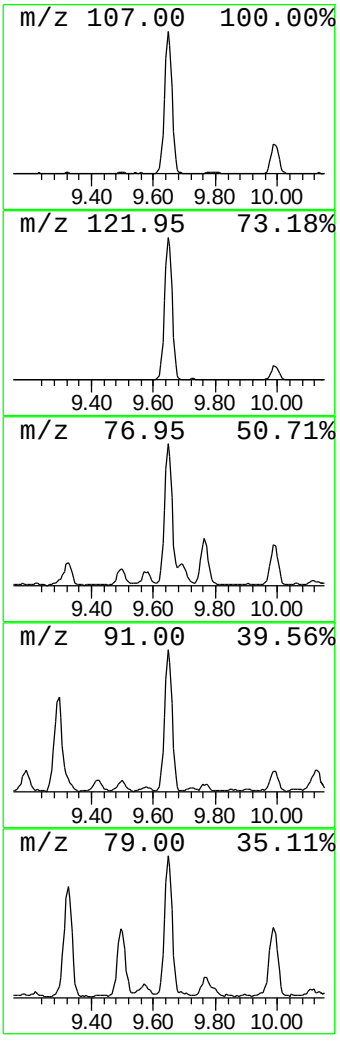
****

Peak Number 15 Phenol, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	139.87 ng/ul	2094040	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	96
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	96
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	96
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	95
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	95





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

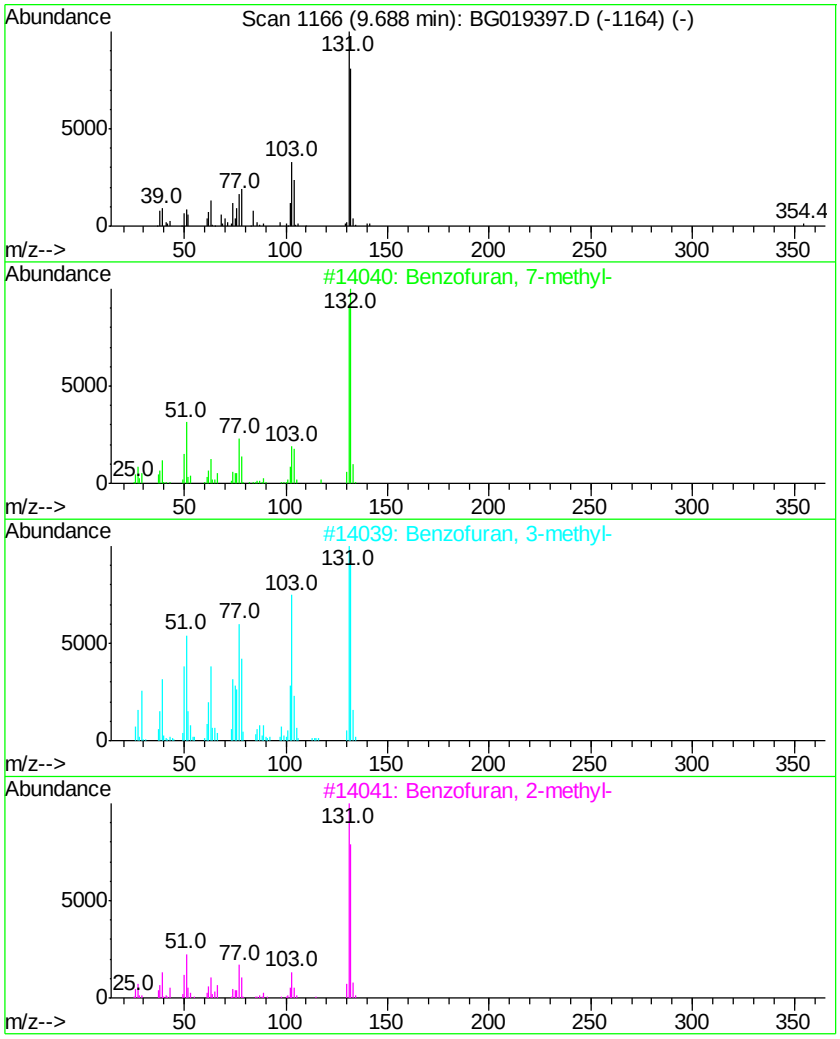
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

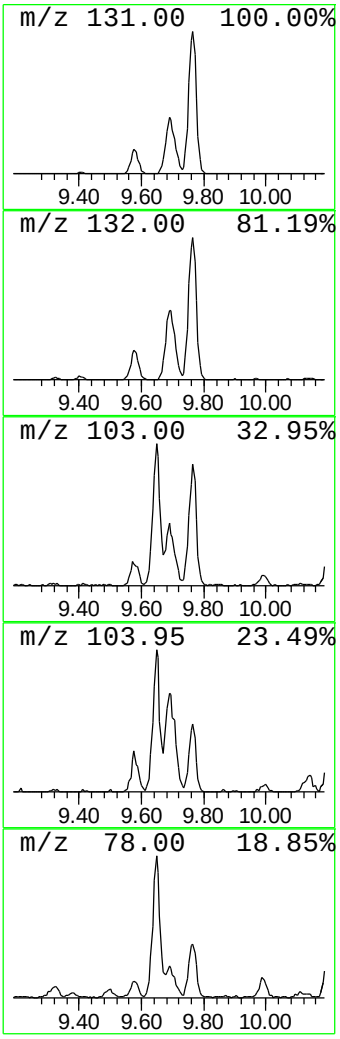
****

Peak Number 16 Benzofuran, 7-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	25.65 ng/ul	384031	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	90
2	Benzofuran, 3-methyl-	132	C9H8O	021535-97-7	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	83
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	78
5	1H-Indenol	132	C9H8O	056631-57-3	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

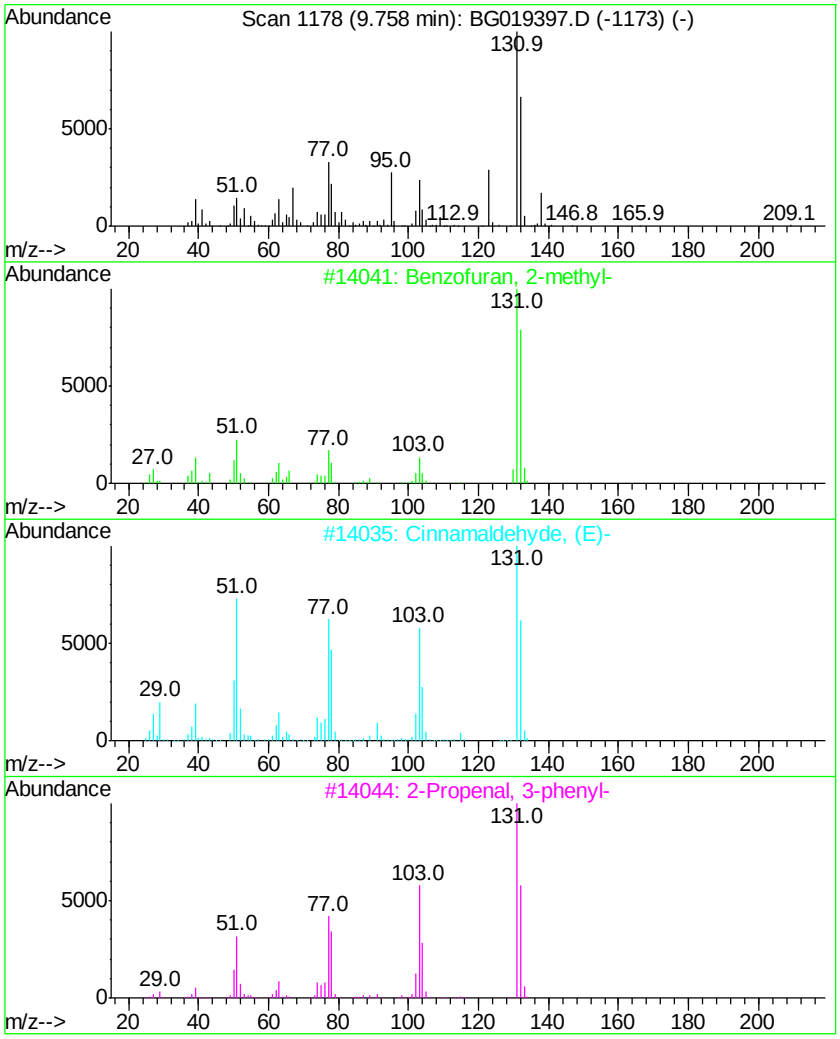
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

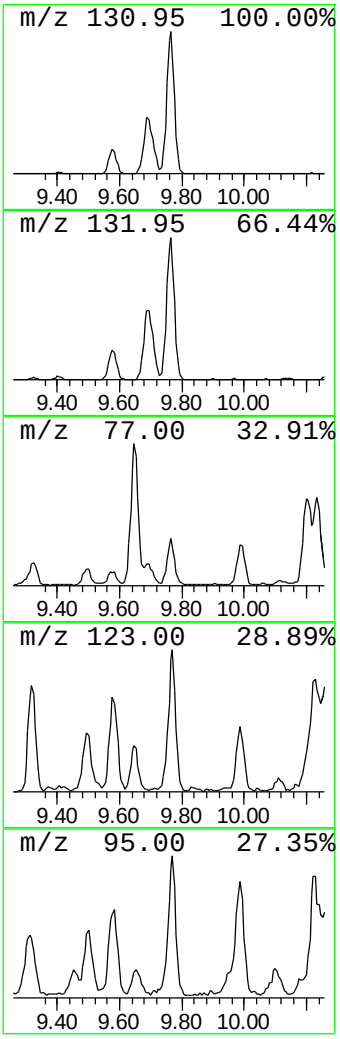
****

Peak Number 17 Benzofuran, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	76.52 ng/ul	1145670	Naphthalene-d8	11.04

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	60
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	53
4	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	53
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

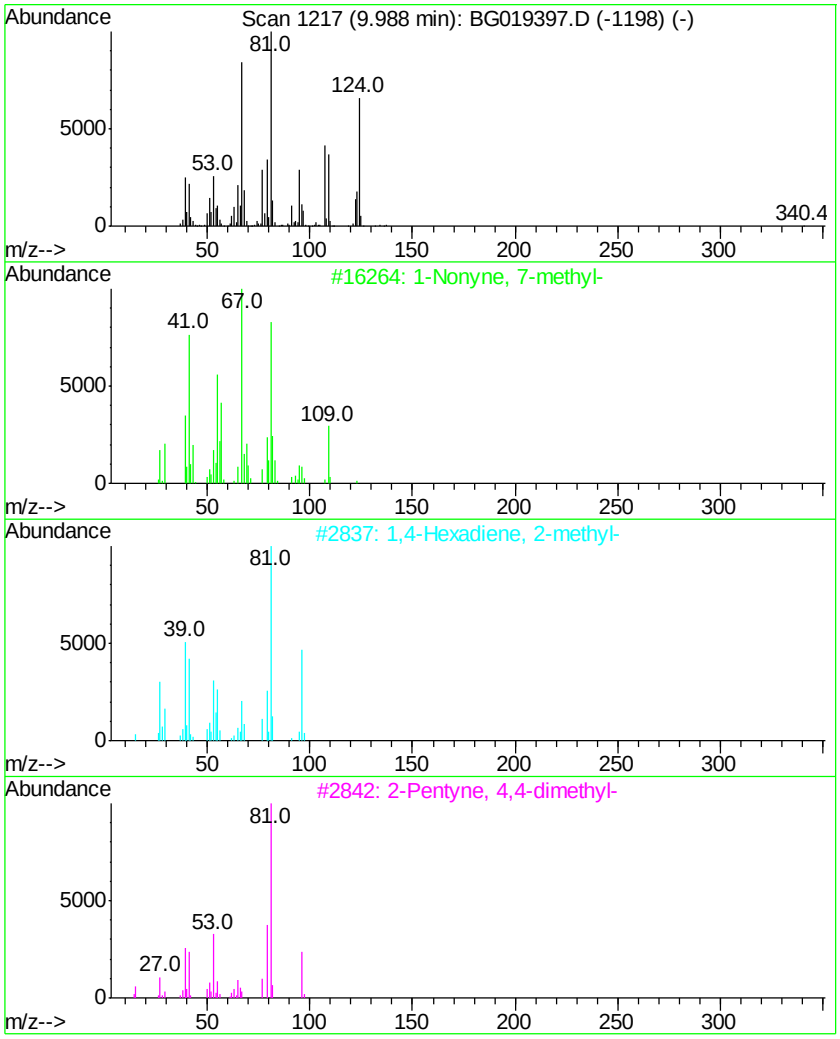
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

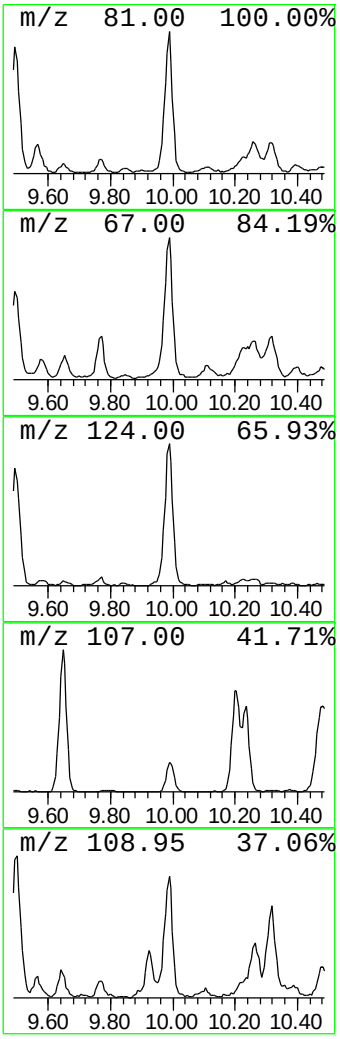
****

Peak Number 18 1-Nonyne, 7-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	106.76 ng/ul	1598320	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonyne, 7-methyl-	138	C10H18	071566-65-9	50
2	1,4-Hexadiene, 2-methyl-	96	C7H12	001119-14-8	30
3	2-Pentyne, 4,4-dimethyl-	96	C7H12	000999-78-0	25
4	1-Cyclopentylacetonitrile	107	C7H9N	022734-04-9	22
5	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	22





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

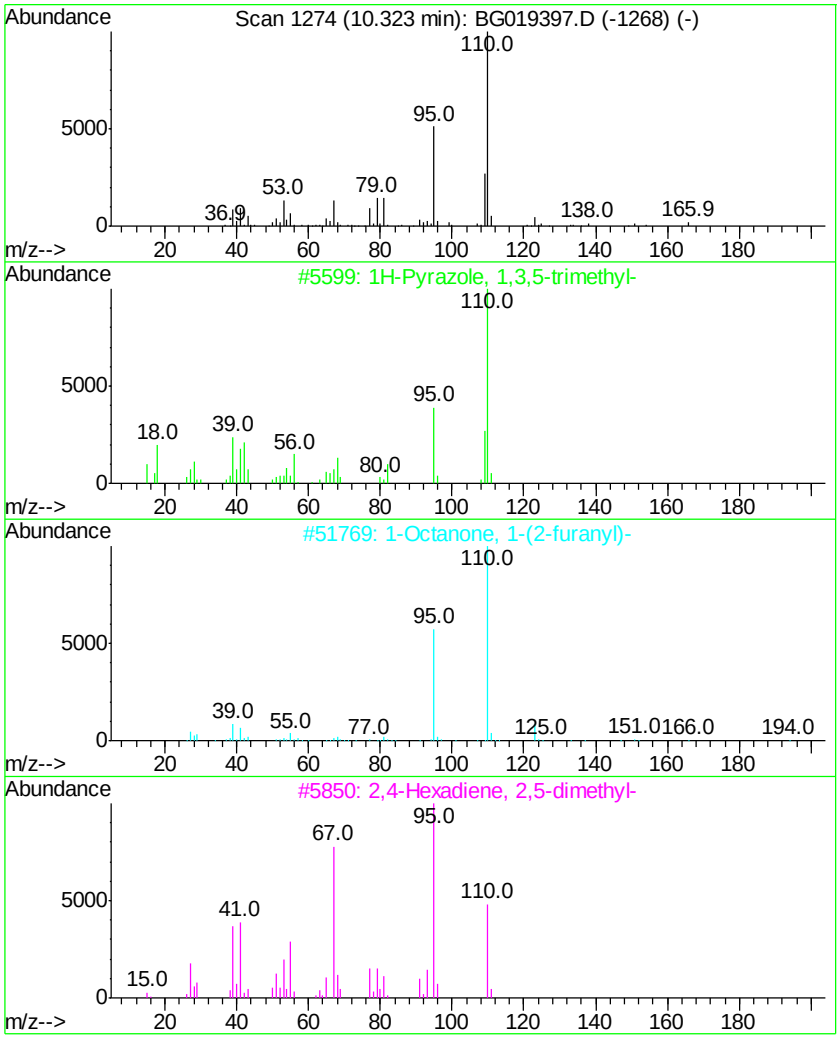
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

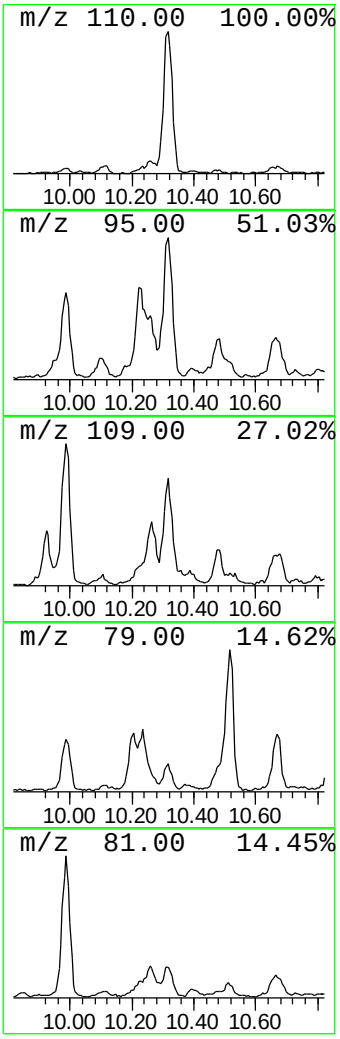
****

Peak Number 19 unknown-03 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	53.07 ng/ul	794512	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 1,3,5-trimethyl-	110	C6H10N2	001072-91-9	45
2	1-Octanone, 1-(2-furanyl)-	194	C12H18O2	005456-77-9	40
3	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	40
4	Phenol, 2-(1-methylethoxy)-, met...	209	C11H15NO3	000114-26-1	38
5	Phenol, 4-butoxy-	166	C10H14O2	000122-94-1	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

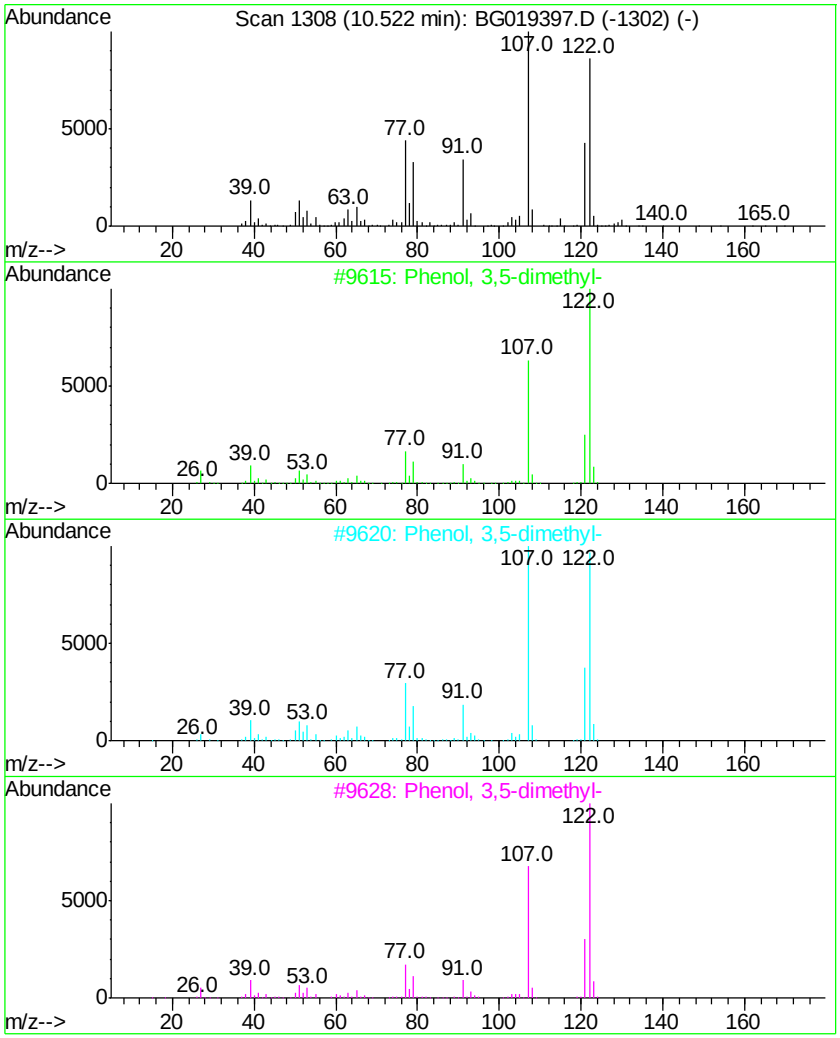
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

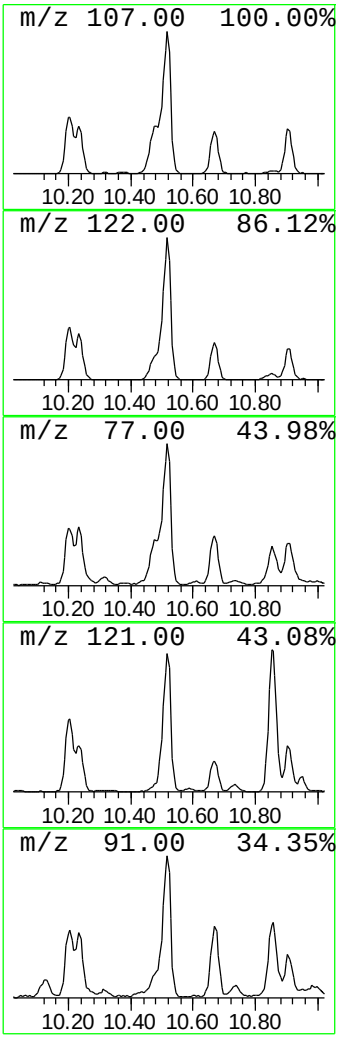
****

Peak Number 20 Phenol, 3,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	225.98 ng/ul	3383260	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	91
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

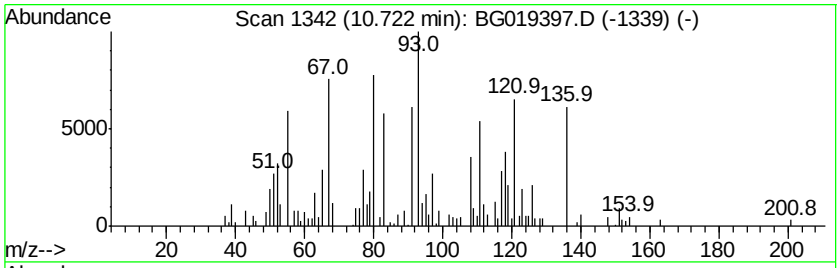
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

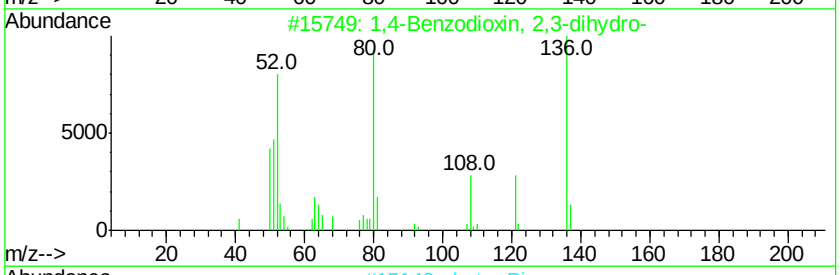
****

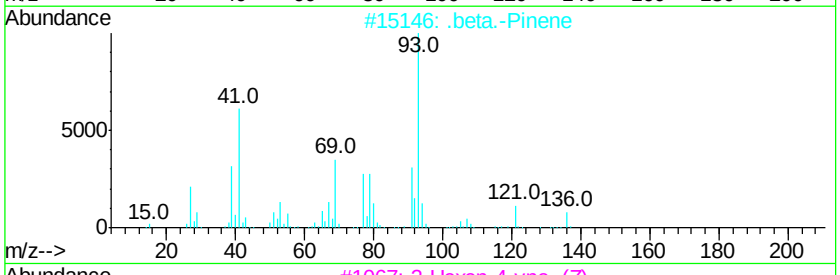
Peak Number 21 unknown-04 Concentration Rank 39

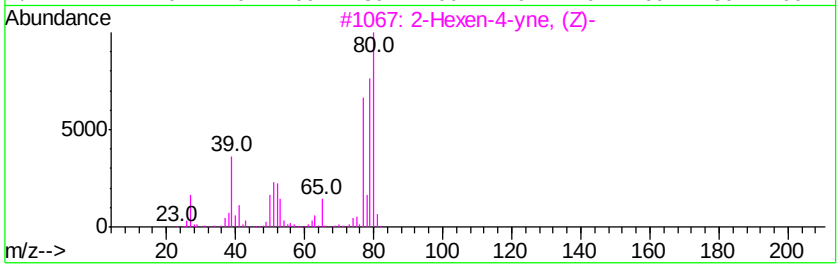
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	14.06 ng/ul	210443	Naphthalene-d8	11.04

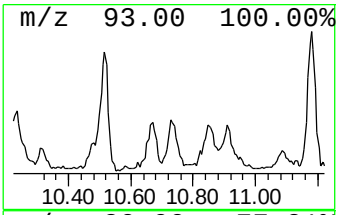
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzodioxin, 2,3-dihydro-	136	C8H8O2	000493-09-4	47
2	.beta.-Pinene	136	C10H16	000127-91-3	47
3	2-Hexen-4-yne, (Z)-	80	C6H8	030626-48-3	46
4	2-Pyridinemethanamine	108	C6H8N2	003731-51-9	46
5	2-Hexen-4-yne, (E)-	80	C6H8	033625-96-6	43

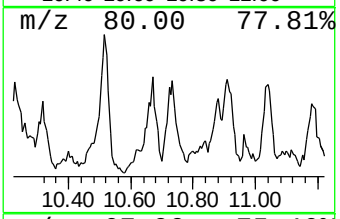


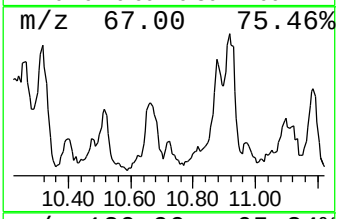


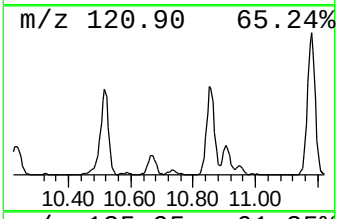


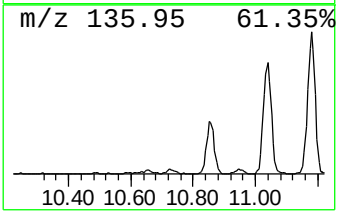












Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

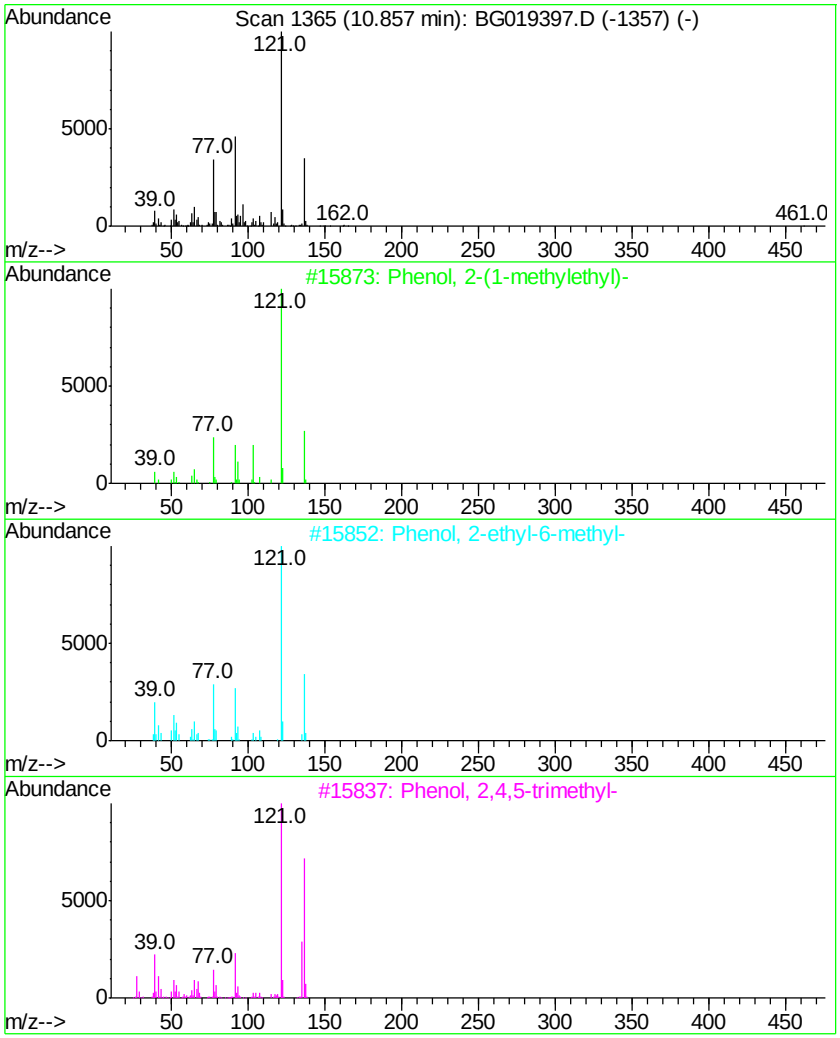
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

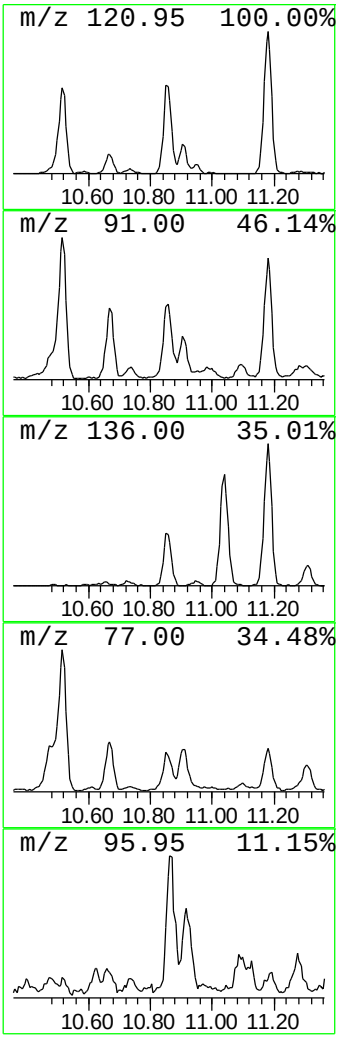
****

Peak Number 22 Phenol, 2-(1-methylethyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	75.64 ng/ul	1132420	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	74
2	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	72
3	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	72
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	72
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

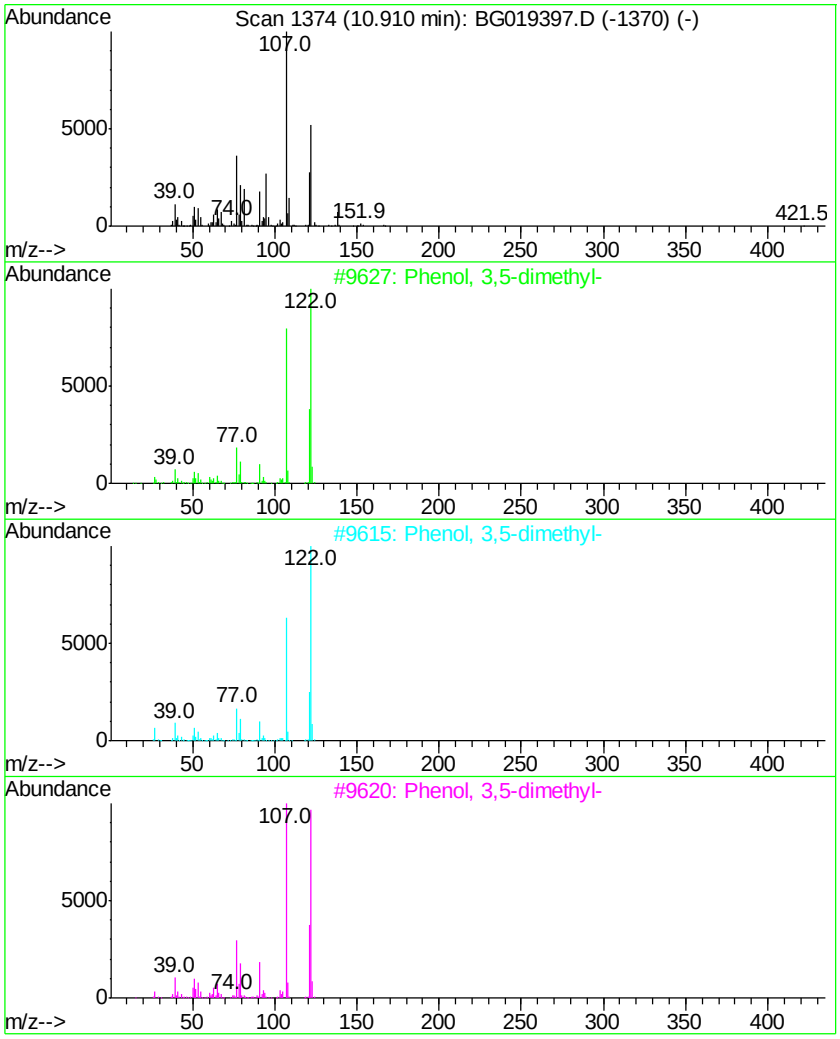
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

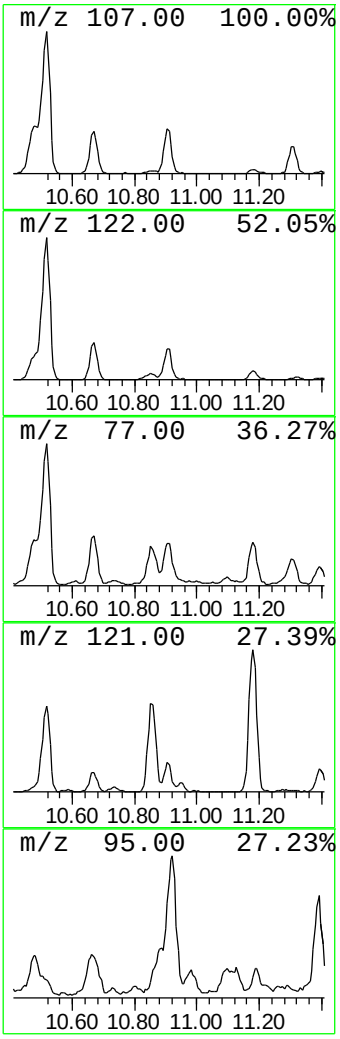
****

Peak Number 23 Phenol, 2,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	94.25 ng/ul	1411100	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	81
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	81
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	81
4	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	76
5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	76





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

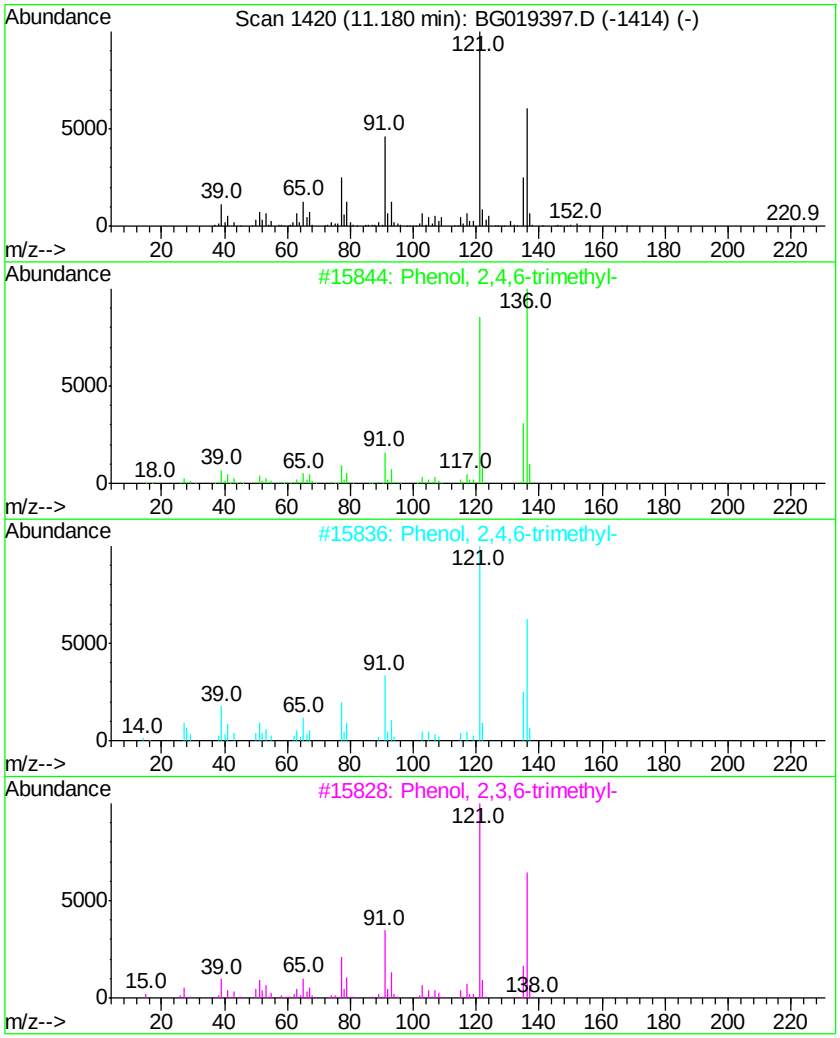
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

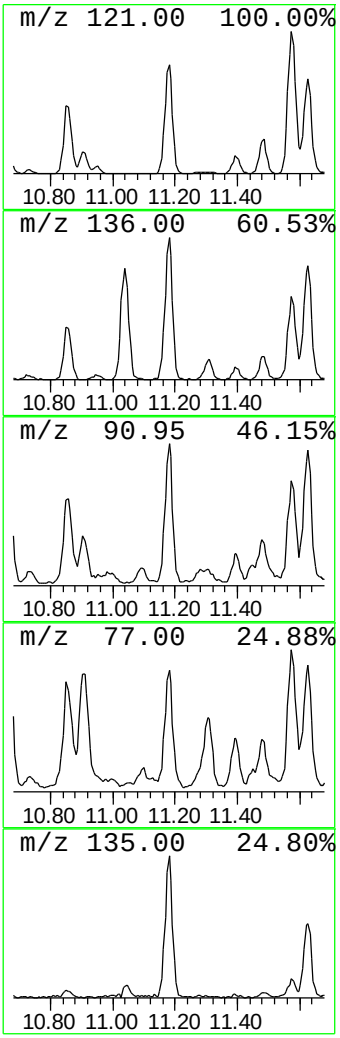
****

Peak Number 24 Phenol, 2,4,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	109.44 ng/ul	1638500	Naphthalene-d8	11.04

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	96
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	95
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	94
5	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

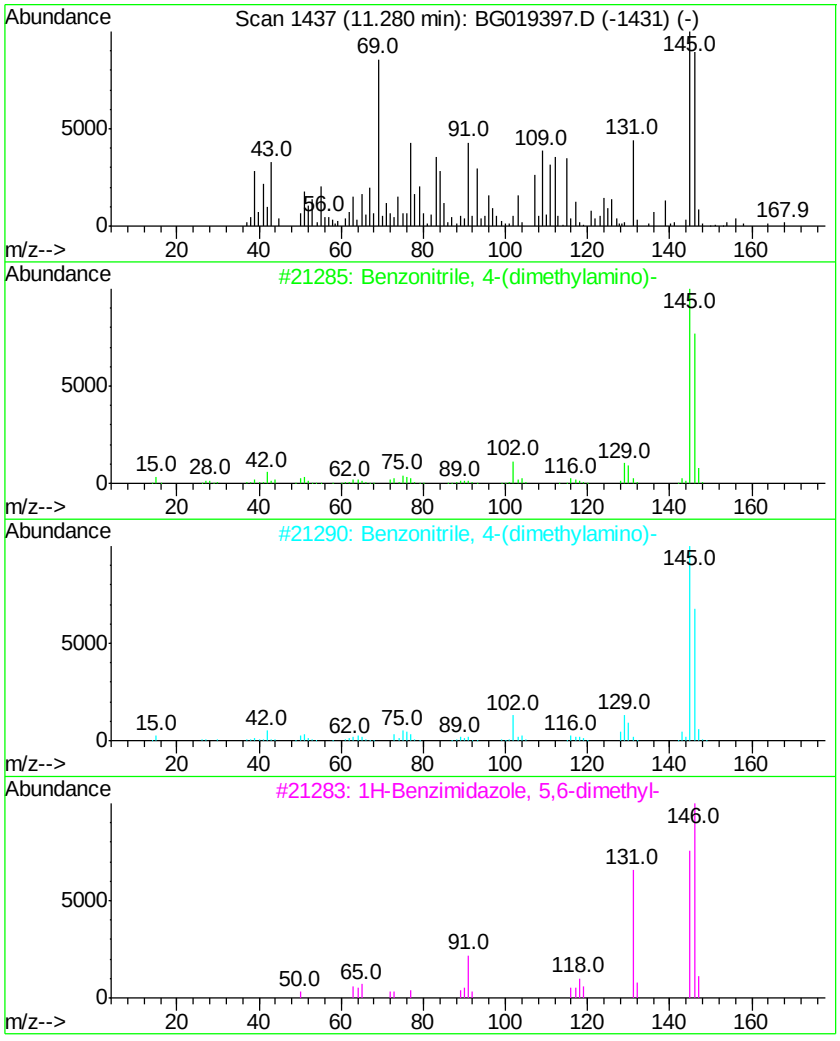
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

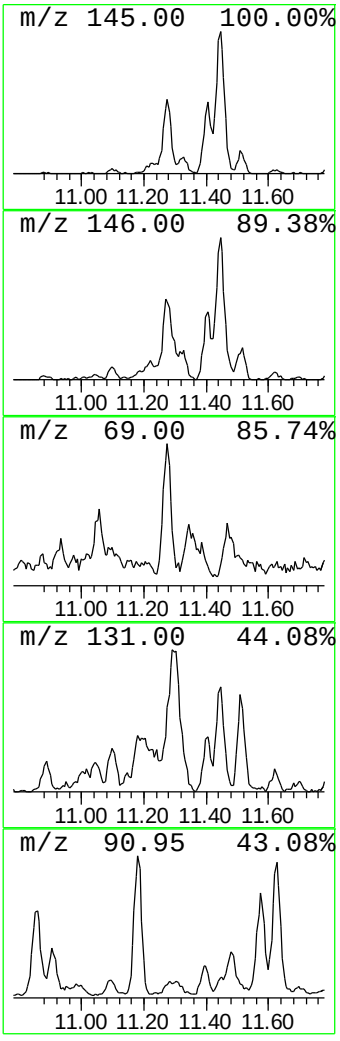
****

Peak Number 25 unknown-05 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	29.80 ng/ul	446151	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	25
2	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	25
3	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	25
4	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	22
5	1H-Pyrazole, 4,5-dihydro-1-phenyl-	146	C9H10N2	000936-53-8	18





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

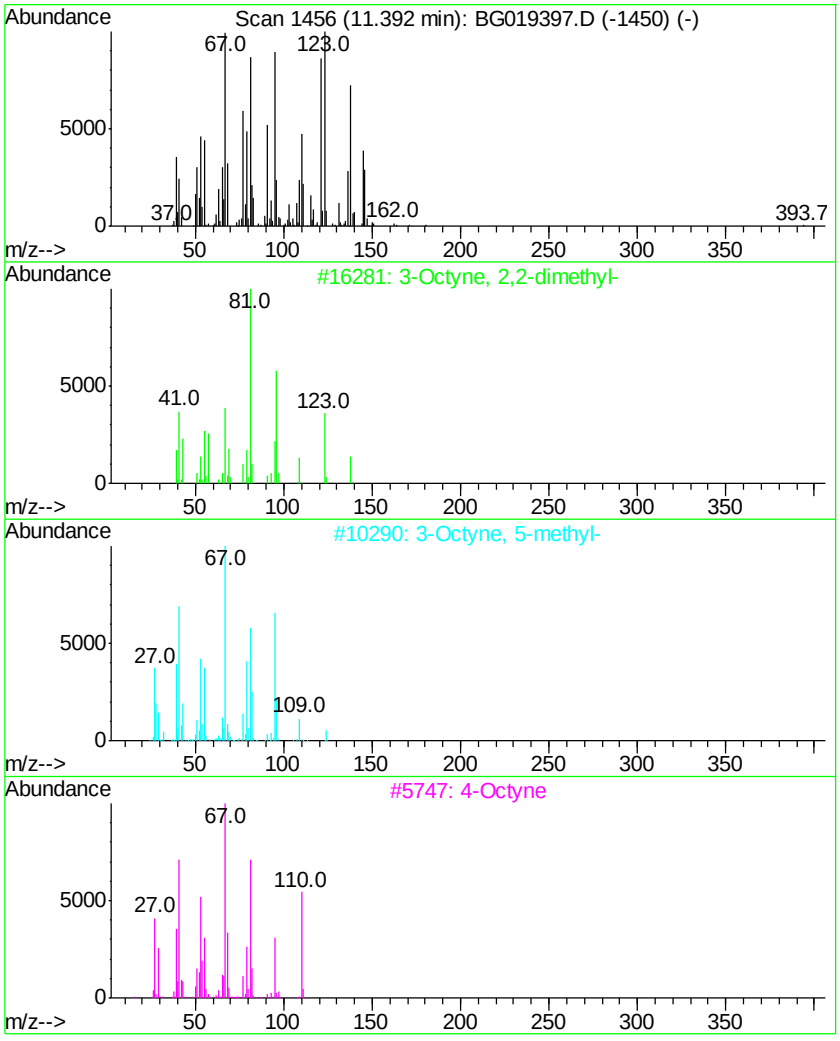
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

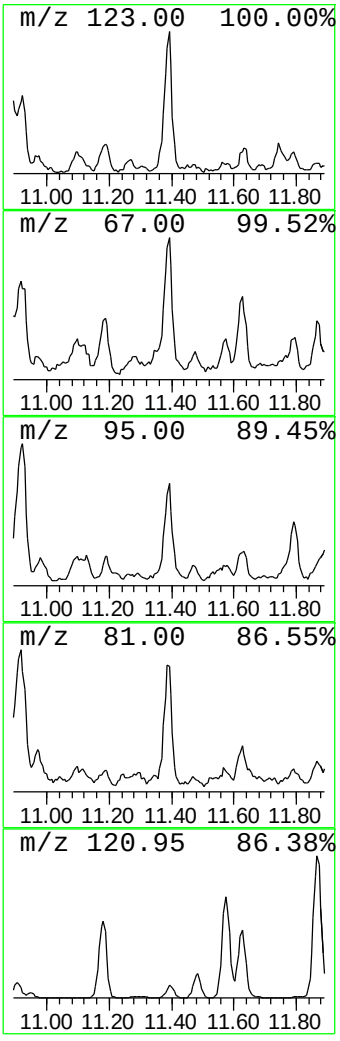
****

Peak Number 26 3-Octyne, 2,2-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	58.51 ng/ul	875930	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octyne, 2,2-dimethyl-	138	C10H18	019482-57-6	58
2	3-Octyne, 5-methyl-	124	C9H16	062108-33-2	46
3	4-Octyne	110	C8H14	001942-45-6	46
4	4-Octyne	110	C8H14	001942-45-6	38
5	3-Octyne	110	C8H14	015232-76-5	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

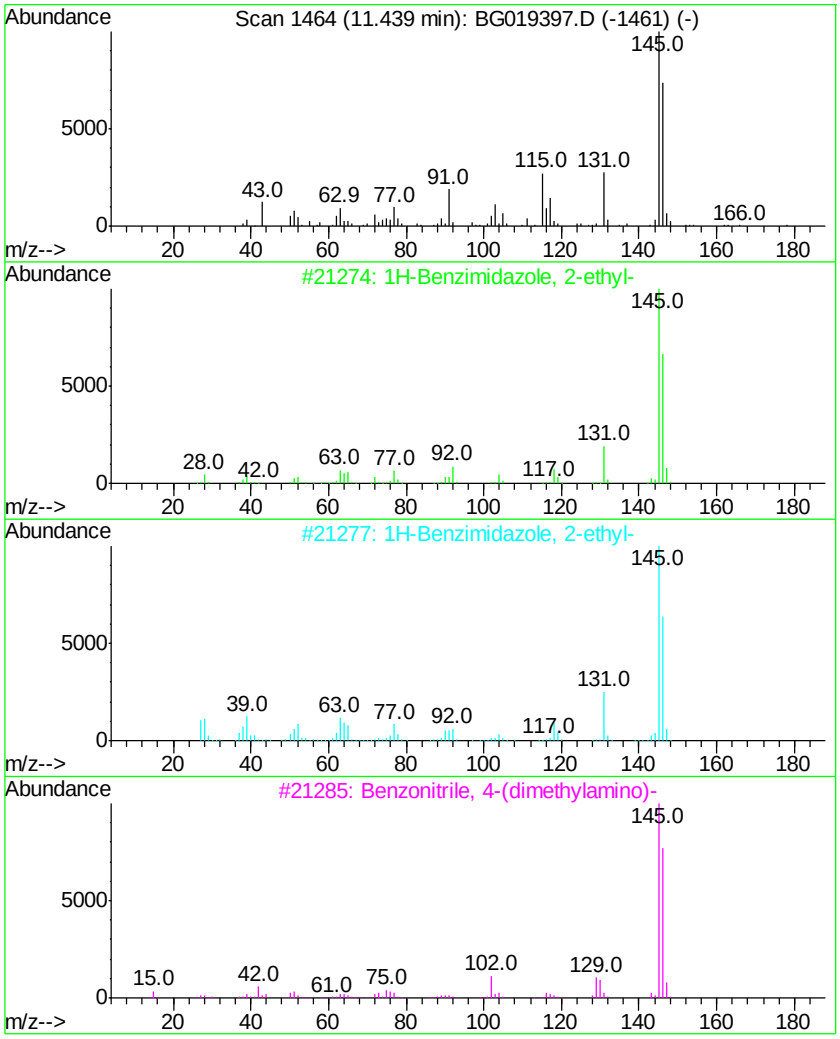
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

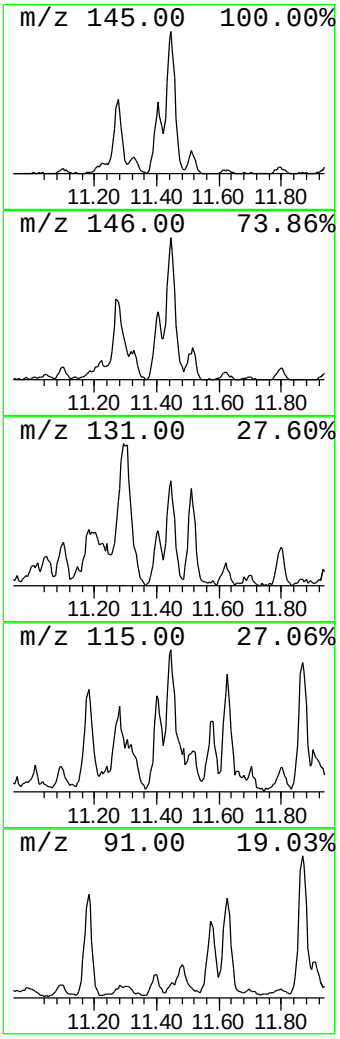
****

Peak Number 27 1H-Benzimidazole, 2-ethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	17.25 ng/ul	258210	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
5	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	52





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

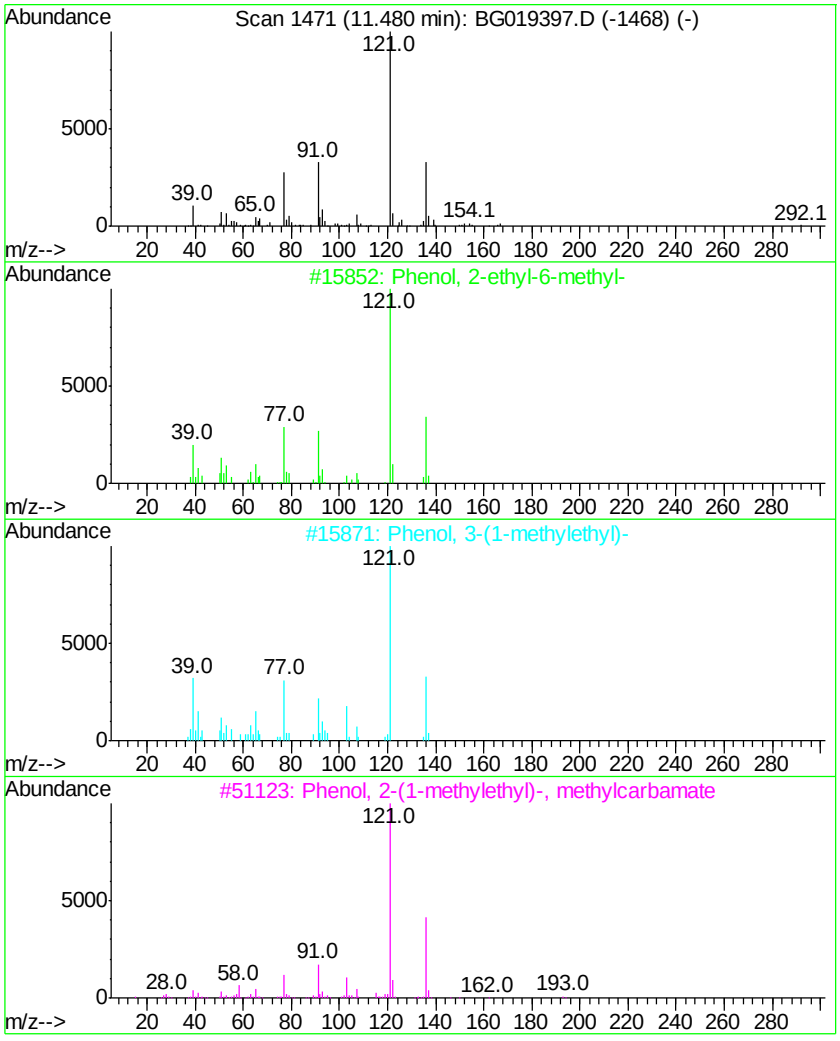
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

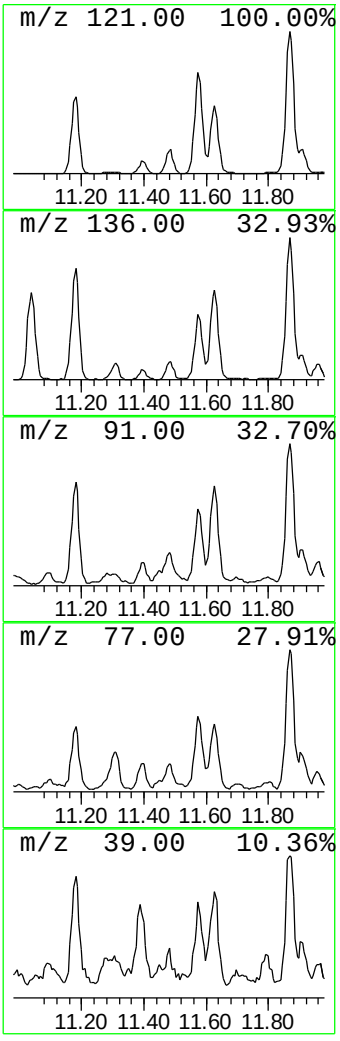
****

Peak Number 28 Phenol, 2-ethyl-6-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	16.71 ng/ul	250233	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	87
2	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	86
3	Phenol, 2-(1-methylethyl)-, meth...	193	C11H15NO2	002631-40-5	83
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	80
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

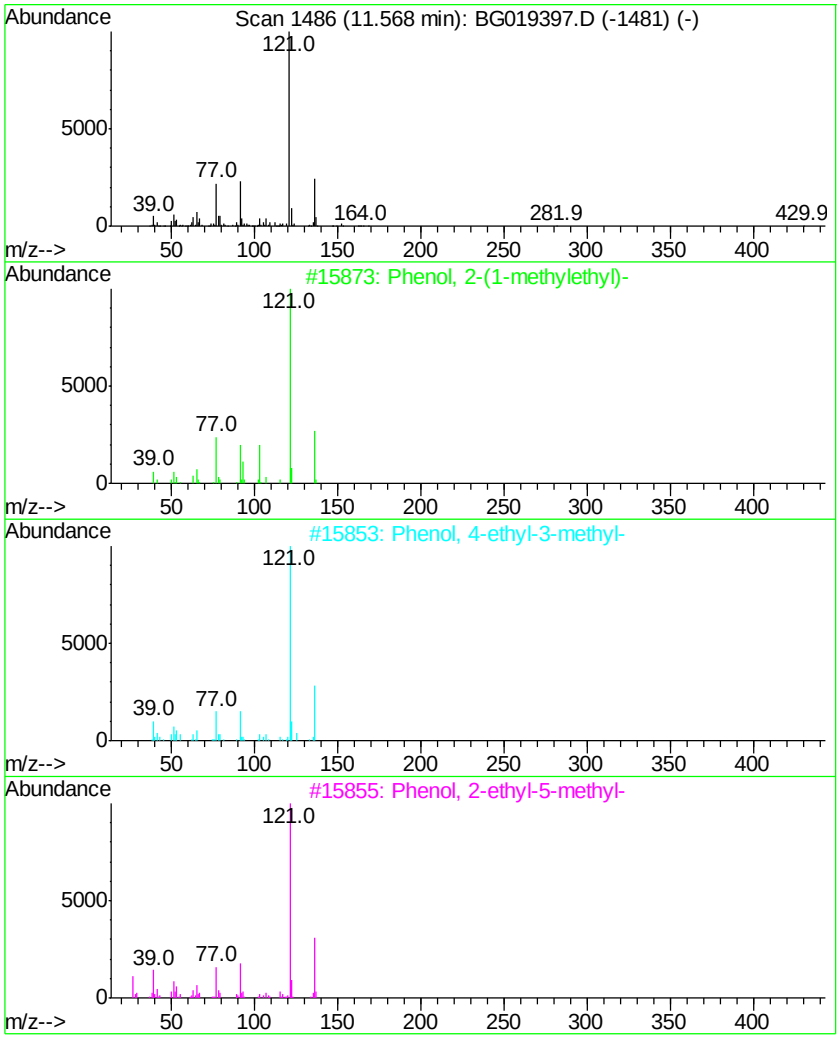
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

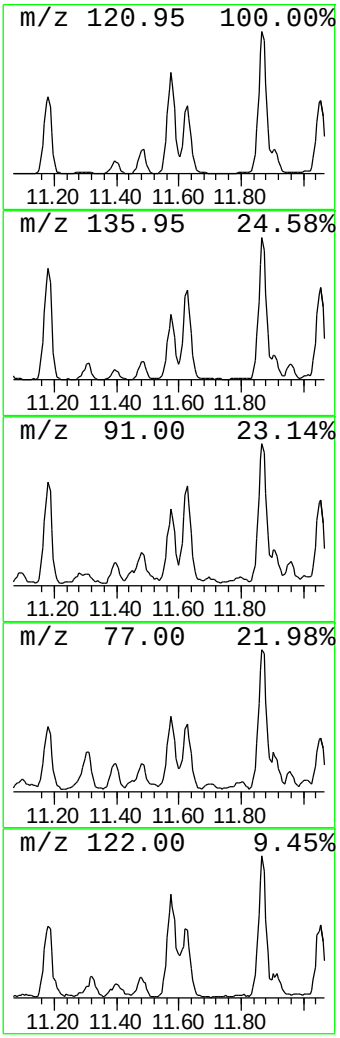
****

Peak Number 29 Phenol, 4-ethyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	82.46 ng/ul	1234640	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	90
2	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	87
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	87
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	86
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

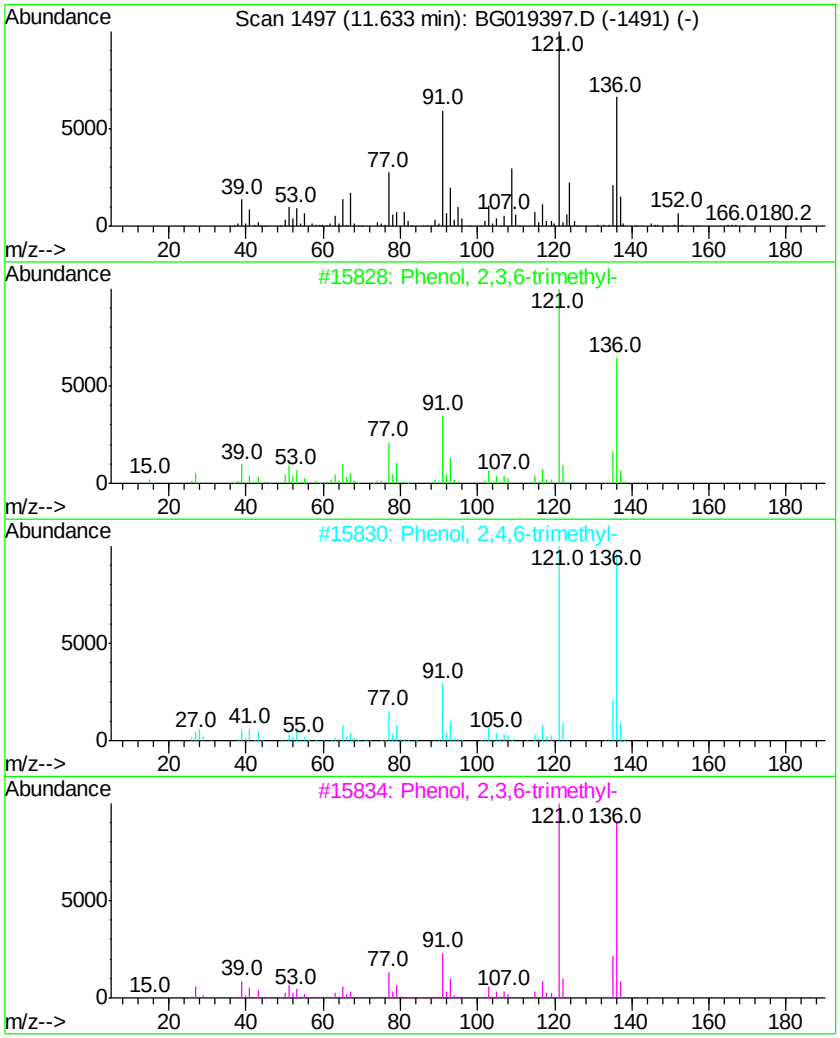
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

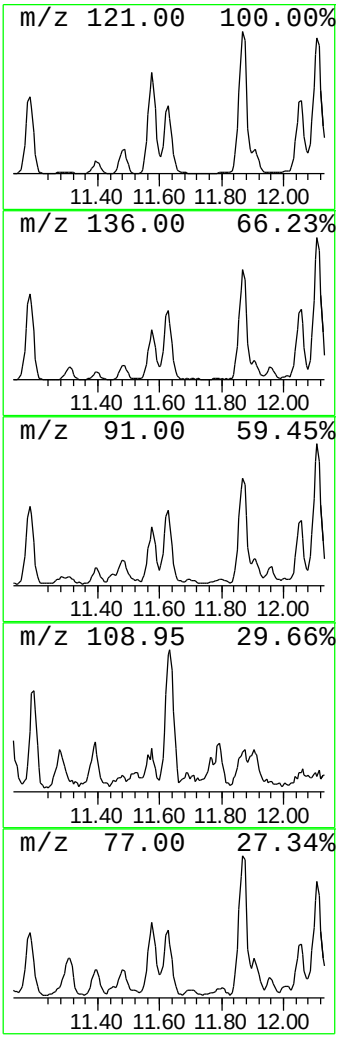
****

Peak Number 30 Phenol, 2,3,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	105.23 ng/ul	1575540	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	90
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	81
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	81
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	81
5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

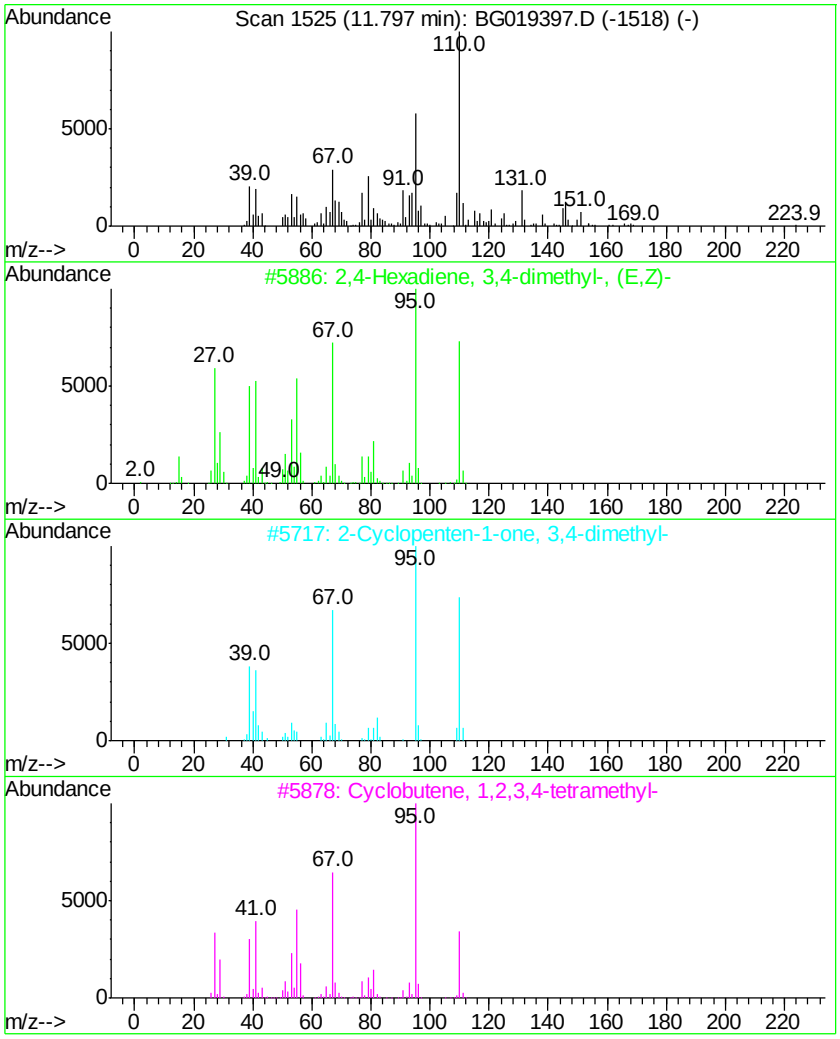
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

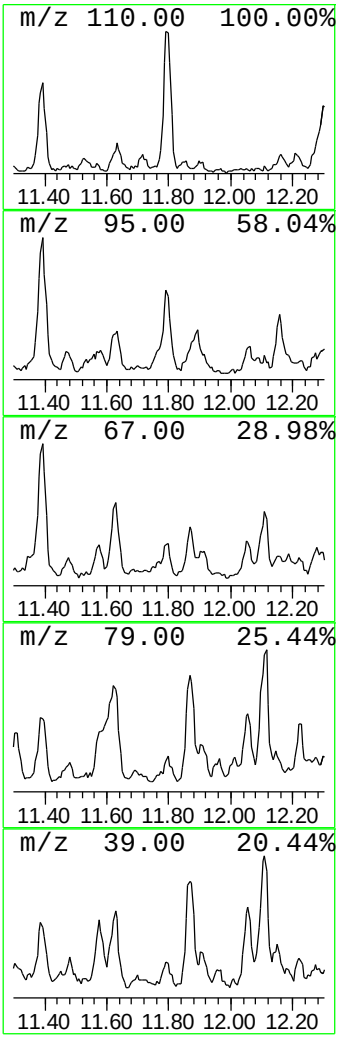
****

Peak Number 31 unknown-06 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	23.45 ng/ul	351059	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene, 3,4-dimethyl-, (E...	110	C8H14	002417-88-1	43
2	2-Cyclopenten-1-one, 3,4-dimethyl-	110	C7H10O	030434-64-1	43
3	Cyclobutene, 1,2,3,4-tetramethyl-	110	C8H14	090346-45-5	38
4	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	38
5	Quinoline, decahydro-1,7-dimethyl-	167	C11H21N	032064-85-0	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

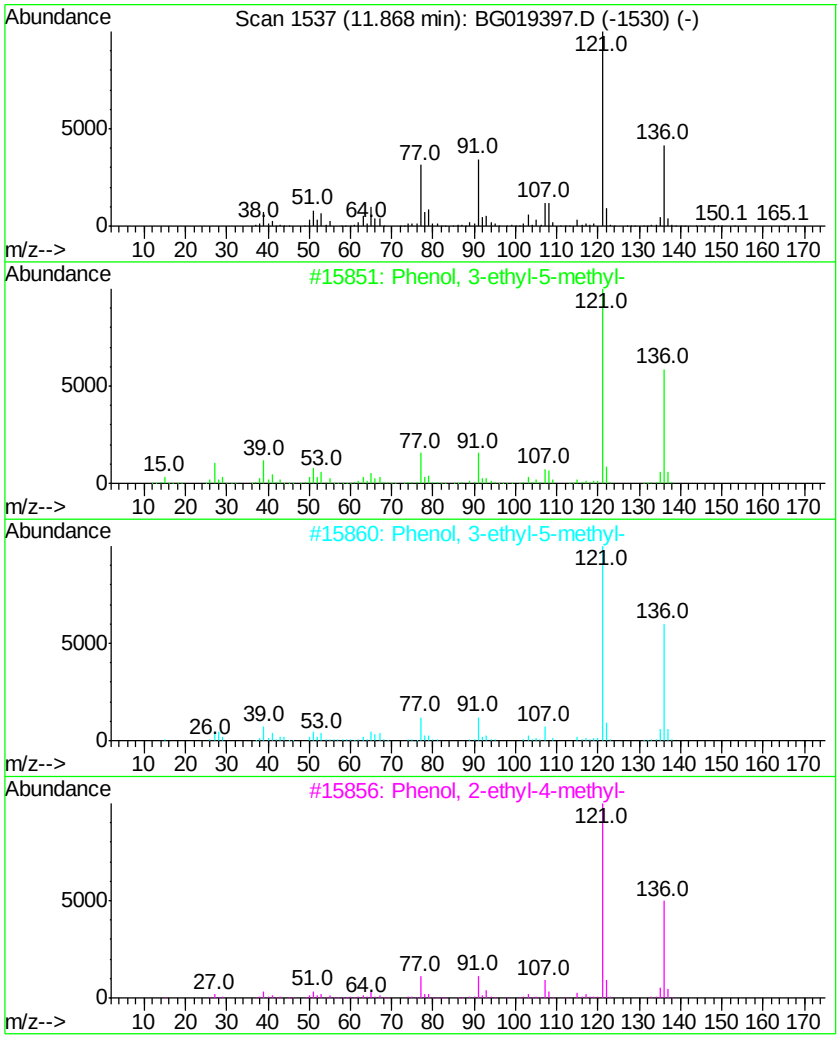
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

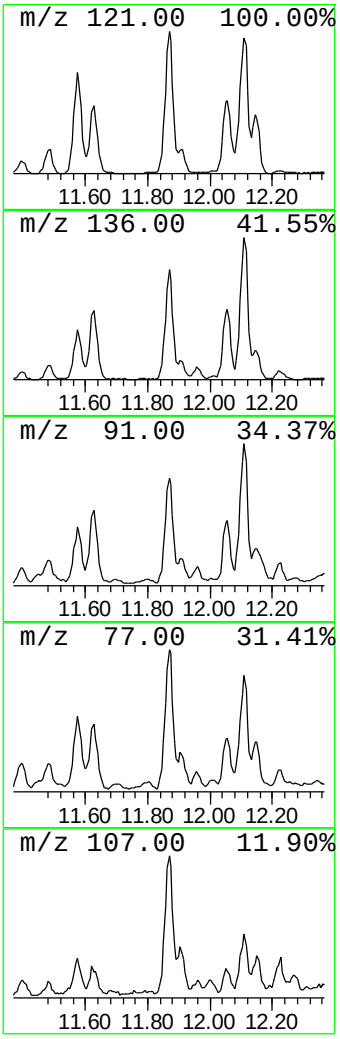
****

Peak Number 32 Phenol, 3-ethyl-5-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	164.39 ng/ul	2461270	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	91
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	91
3	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	91
4	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	90
5	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

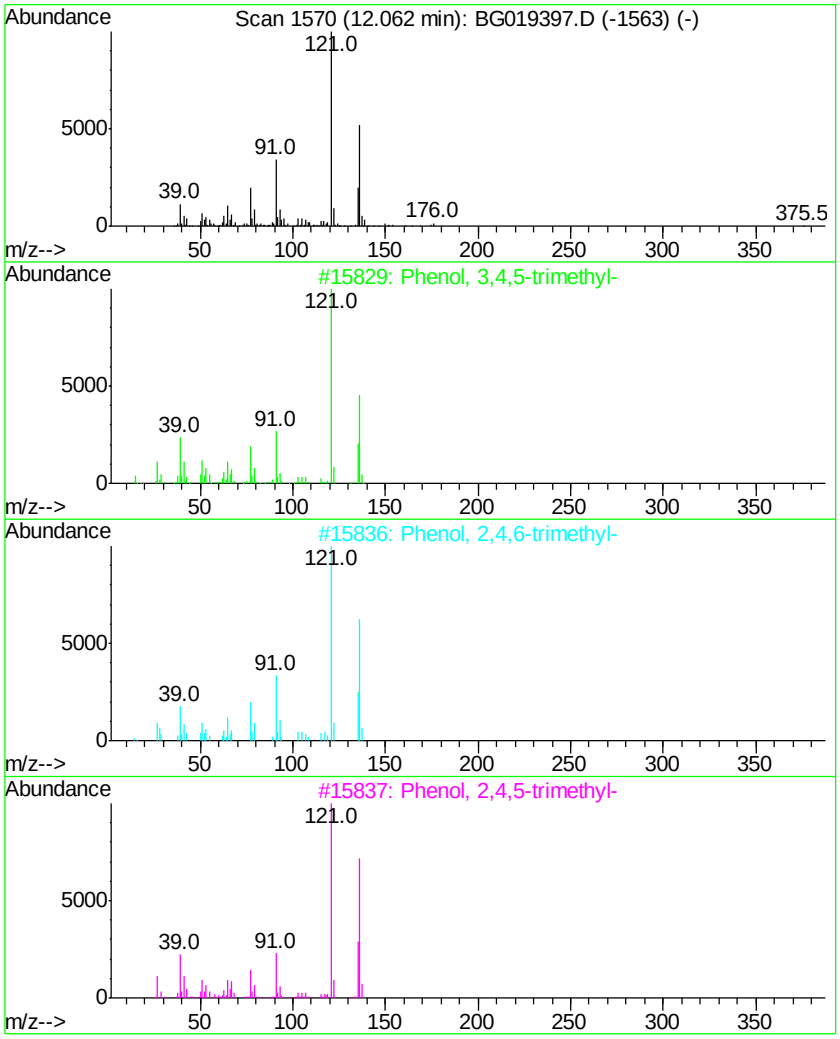
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

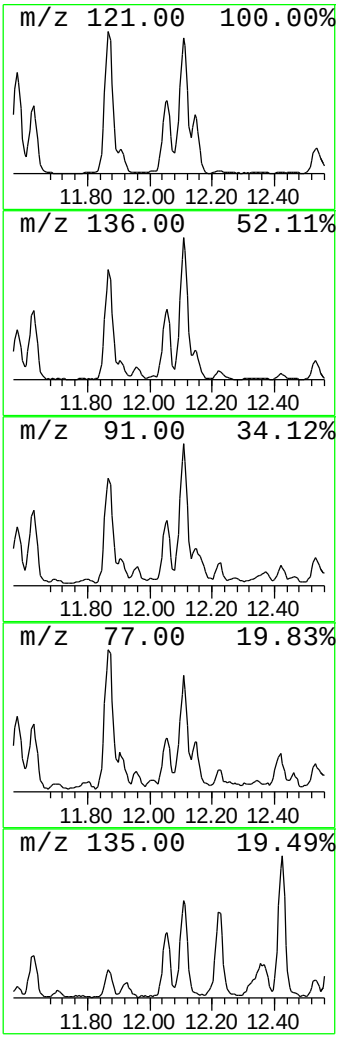
****

Peak Number 33 Phenol, 3,4,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	84.52 ng/ul	1265360	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	94
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	94
3	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	93
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	93
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.24	13.6	ng/ul	325183	1	8.21	478071	20.0
Cyclopentanone, 2...	6.91	14.8	ng/ul	354696	1	8.21	478071	20.0
(DEL) Alkane: Cyc...	7.59	11.4	ng/ul	273739	1	8.21	478071	20.0
(DEL) Alkane: Cyc...	7.93	14.2	ng/ul	338517	1	8.21	478071	20.0
unknown-01	8.02	11.5	ng/ul	275111	1	8.21	478071	20.0
2-Cyclopenten-1-o...	8.48	68.4	ng/ul	1635560	1	8.21	478071	20.0
Cyclohexanone, 2,...	8.60	14.2	ng/ul	339883	1	8.21	478071	20.0
Benzene, 1,2-prop...	8.75	8.1	ng/ul	193383	1	8.21	478071	20.0
2-Cyclopenten-1-o...	8.85	73.4	ng/ul	1753460	1	8.21	478071	20.0
Cyclooctanone, 2-...	9.18	13.3	ng/ul	317521	1	8.21	478071	20.0
Ethanone, 1-(1-cy...	9.32	77.5	ng/ul	1852950	1	8.21	478071	20.0
Cyclohexane, (1-m...	9.49	48.0	ng/ul	1147710	1	8.21	478071	20.0
(DEL) Alkane: Cyc...	9.54	8.0	ng/ul	191387	1	8.21	478071	20.0
unknown-02	9.58	19.9	ng/ul	474702	1	8.21	478071	20.0
Phenol, 2,6-dimet...	9.65	139.9	ng/ul	2094040	2	11.04	299435	20.0
Benzofuran, 7-met...	9.69	25.6	ng/ul	384031	2	11.04	299435	20.0
Benzofuran, 2-met...	9.76	76.5	ng/ul	1145670	2	11.04	299435	20.0
1-Nonyne, 7-methyl-	9.99	106.8	ng/ul	1598320	2	11.04	299435	20.0
unknown-03	10.32	53.1	ng/ul	794512	2	11.04	299435	20.0
Phenol, 3,5-dimet...	10.52	226.0	ng/ul	3383260	2	11.04	299435	20.0
unknown-04	10.72	14.1	ng/ul	210443	2	11.04	299435	20.0
Phenol, 2-(1-meth...	10.86	75.6	ng/ul	1132420	2	11.04	299435	20.0
Phenol, 2,4-dimet...	10.91	94.3	ng/ul	1411100	2	11.04	299435	20.0
Phenol, 2,4,6-tri...	11.18	109.4	ng/ul	1638500	2	11.04	299435	20.0
unknown-05	11.28	29.8	ng/ul	446151	2	11.04	299435	20.0
3-Octyne, 2,2-dim...	11.39	58.5	ng/ul	875930	2	11.04	299435	20.0
1H-Benzimidazole,...	11.44	17.3	ng/ul	258210	2	11.04	299435	20.0
Phenol, 2-ethyl-6...	11.48	16.7	ng/ul	250233	2	11.04	299435	20.0
Phenol, 4-ethyl-3...	11.57	82.5	ng/ul	1234640	2	11.04	299435	20.0
Phenol, 2,3,6-tri...	11.63	105.2	ng/ul	1575540	2	11.04	299435	20.0
unknown-06	11.80	23.4	ng/ul	351059	2	11.04	299435	20.0
Phenol, 3-ethyl-5...	11.87	164.4	ng/ul	2461270	2	11.04	299435	20.0
Phenol, 3,4,5-tri...	12.06	84.5	ng/ul	1265360	2	11.04	299435	20.0