LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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	4.101	74	87	96	rBV4	43533	114288	7.41%	0.367%
2	4.359	121	131	139	rBV5	12863	38137	2.47%	0.122%
3	5.552	332	334	343	rVB5	18718	32843	2.13%	0.105%
4	5.875	379	389	400	rVB4	26131	73111	4.74%	0.234%
5	6.022	404	414	428	rBV	508527	966855	62.66%	3.101%
6	6.369	466	473	485	rVB2	61741	116818	7.57%	0.375%
7	7.438	643	655	659	rVV	237160	411606	26.67%	1.320%
8	7.497	659	665	671	rVV	430110	756767	49.04%	2.427%
9	7.567	671	677	686	rVV	432957	708404	45.91%	2.272%
10	7.667	686	694	700	rVV	155612	257977	16.72%	0.827%
11	7.738	700	706	717	rVB	409120	676209	43.82%	2.169%
12	7.890	719	732	739	rBV	170366	323411	20.96%	1.037%
13	7.996	742	750	760	rVB	827745	1412822	91.56%	4.531%
14	8.355	805	811	823	rVV3	146457	338306	21.92%	1.085%
15	8.466	823	830	841	rVB2	234175	434418	28.15%	1.393%
16	8.625	851	857	868	rVB5	27995	73689	4.78%	0.236%
17	8.731	868	875	883	rVB	116851	210511	13.64%	0.675%
18	8.836	883	893	898	rBV	126629	213239	13.82%	0.684%
19	8.889	898	902	909	rVB	82338	134669	8.73%	0.432%
20	8.977	909	917	923	rBV	302601	535186	34.68%	1.716%
21	9.042	923	928	938	rVB4	196307	372512	24.14%	1.195%
22	9.154	939	947	959	rVB2	117713	258314	16.74%	0.828%
23	9.301	964	972	976	rBV	106731	188569	12.22%	0.605%
24	9.353	976	981	988	rVB	136970	231739	15.02%	0.743%
25	9.453	988	998	1004	rBV	297634	545278	35.34%	1.749%
26	9.530	1004	1011	1022	rVB3	252128	630785	40.88%	2.023%
27	9.700	1032	1040	1048	rVB6	28549	70255	4.55%	0.225%
28	9.788	1048	1055	1062	rBV2	78896	163586	10.60%	0.525%
29	9.976	1082	1087	1092	rVV2	104988	181578	11.77%	0.582%
30	10.041	1092	1098	1105	rVB	222374	386828	25.07%	1.241%
31	10.241	1122	1132	1144	rBV7	208073	549108	35.59%	1.761%
32	10.352	1144	1151	1156	rBV3	60554	124884	8.09%	0.400%
33	10.411	1156	1161	1170	rVB3	61125	127126	8.24%	0.408%
34	10.499	1170	1176	1180	rBV2	37580	72875	4.72%	0.234%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

35	10.558	1180	1186	1193	rVV	295184	595623	38.60%	1.910%
36	10.617	1193	1196	1199	rVV3	39974	64002	4.15%	0.205%
37	10.658	1199	1203	1207	rVV4	60118	103761	6.72%	0.333%
38	10.734	1207	1216	1220	rVV3	69399	155302	10.06%	0.498%
39	10.787	1220	1225	1231	rVV2	286910	551947	35.77%	1.770%
40	10.852	1231	1236	1244	rVB2	192839	342403	22.19%	1.098%
41	11.081	1261	1275	1281	rBV	253120	539407	34.96%	1.730%
42	11.169	1281	1290	1296	rBV2	173567	391038	25.34%	1.254%
43	11.281	1304	1309	1318	rVB5	46785	136277	8.83%	0.437%
44	11.369	1318	1324	1329	rVB4	29413	54179	3.51%	0.174%
45	11.557	1344	1356	1359	rBV8	27598	86978	5.64%	0.279%
46	11.598	1360	1363	1373	rVB4	36648	82455	5.34%	0.264%
47	11.692	1373	1379	1384	rBV4	31015	59959	3.89%	0.192%
48	11.768	1384	1392	1398	rBV4	125175	244547	15.85%	0.784%
49	11.856	1398	1407	1424	rVB5	128397	335887	21.77%	1.077%
50	12.068	1438	1443	1447	rBV5	32710	53572	3.47%	0.172%
51	12.115	1447	1451	1457	rBV4	43947	89963	5.83%	0.288%
52	12.174	1458	1461	1467	rVB	60352	98932	6.41%	0.317%
53	12.256	1469	1475	1480	rBV3	53290	102077	6.62%	0.327%
54	12.368	1487	1494	1502	rVB6	59590	162983	10.56%	0.523%
55	12.444	1502	1507	1512	rBV7	40385	103033	6.68%	0.330%
56	12.532	1512	1522	1534	rVB2	383368	809673	52.47%	2.597%
57	12.691	1540	1549	1553	rBV2	25913	58486	3.79%	0.188%
58	12.761	1555	1561	1566	rBV5	41248	72249	4.68%	0.232%
59	12.861	1571	1578	1586	rBV3	81758	149688	9.70%	0.480%
60	12.943	1586	1592	1597	rBV	104915	169254	10.97%	0.543%
61	13.002	1597	1602	1606	rVV3	52091	110597	7.17%	0.355%
62	13.055	1606	1611	1614	rVV6	85374	172432	11.17%	0.553%
63	13.102	1614	1619	1628	rVV5	141042	402747	26.10%	1.292%
64	13.172	1628	1631	1642	rVV8	51442	132895	8.61%	0.426%
65	13.302	1648	1653	1665	rVV9	38209	90312	5.85%	0.290%
66	13.425	1668	1674	1678	rBV5	42347	70002	4.54%	0.224%
67	13.484	1678	1684	1693	rVB6	49777	138144	8.95%	0.443%
68	13.713	1712	1723	1727	rBV7	36769	89309	5.79%	0.286%
69	13.772	1729	1733	1741	rVB4	45039	85793	5.56%	0.275%
70	13.883	1746	1752	1756	rBV6	57420	112295	7.28%	0.360%
71	14.083	1781	1786	1790	rBV3	79656	152477	9.88%	0.489%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

72	14.130	1790	1794	1806	rVB	149711	271363	17.59%	0.870%
73	14.236	1806	1812	1814	rBV7	23349	39657	2.57%	0.127%
74	14.348	1823	1831	1838	rBV	528071	794245	51.47%	2.547%
75	14.512	1855	1859	1864	rVB7	23555	39337	2.55%	0.126%
76	14.571	1864	1869	1877	rBV7	32719	77763	5.04%	0.249%
77	14.653	1877	1883	1894	rVB	526291	914808	59.29%	2.934%
78	14.959	1927	1935	1943	rVB2	347421	596927	38.69%	1.914%
79	15.117	1958	1962	1965	rVV6	27052	40363	2.62%	0.129%
80	15.158	1965	1969	1979	rVB6	51797	108782	7.05%	0.349%
81	15.270	1980	1988	1992	rBV6	20211	57641	3.74%	0.185%
82	15.346	1998	2001	2011	rVB10	21655	37118	2.41%	0.119%
83	15.570	2033	2039	2047	rVB10	25585	54449	3.53%	0.175%
84	15.946	2096	2103	2115	rVB	729624	1183905	76.73%	3.797%
85	16.057	2115	2122	2129	rBV	322670	517248	33.52%	1.659%
86	16.128	2130	2134	2137	rVV3	33036	61054	3.96%	0.196%
87	16.169	2137	2141	2153	rVB3	43892	98245	6.37%	0.315%
88	16.445	2185	2188	2195	rVB8	15751	32817	2.13%	0.105%
89	16.645	2214	2222	2235	rBV	74435	160113	10.38%	0.513%
90	17.467	2358	2362	2368	rBV2	36859	57747	3.74%	0.185%
91	17.708	2396	2403	2412	rVB	473123	739197	47.91%	2.371%
92	17.808	2412	2420	2431	rBV2	829735	1352049	87.62%	4.336%
93	20.082	2800	2807	2819	rVB	1032471	1543043	100.00%	4.948%
94	22.033	3132	3139	3148	rBV	478619	867736	56.24%	2.783%
95	24.459	3546	3552	3563	rVB	13219	36604	2.37%	0.117%
96	25.299	3682	3695	3709	rBV2	471672	1496377	96.98%	4.799%
97	25.534	3719	3735	3749	rVB3	269621	873921	56.64%	2.803%
98	26.715	3926	3936	3950	rVB6	24068	92772	6.01%	0.298%
99	28.190	4177	4187	4196	rBV7	21842	78369	5.08%	0.251%
100	29.976	4479	4491	4501	rVB8	14777	56064	3.63%	0.180%

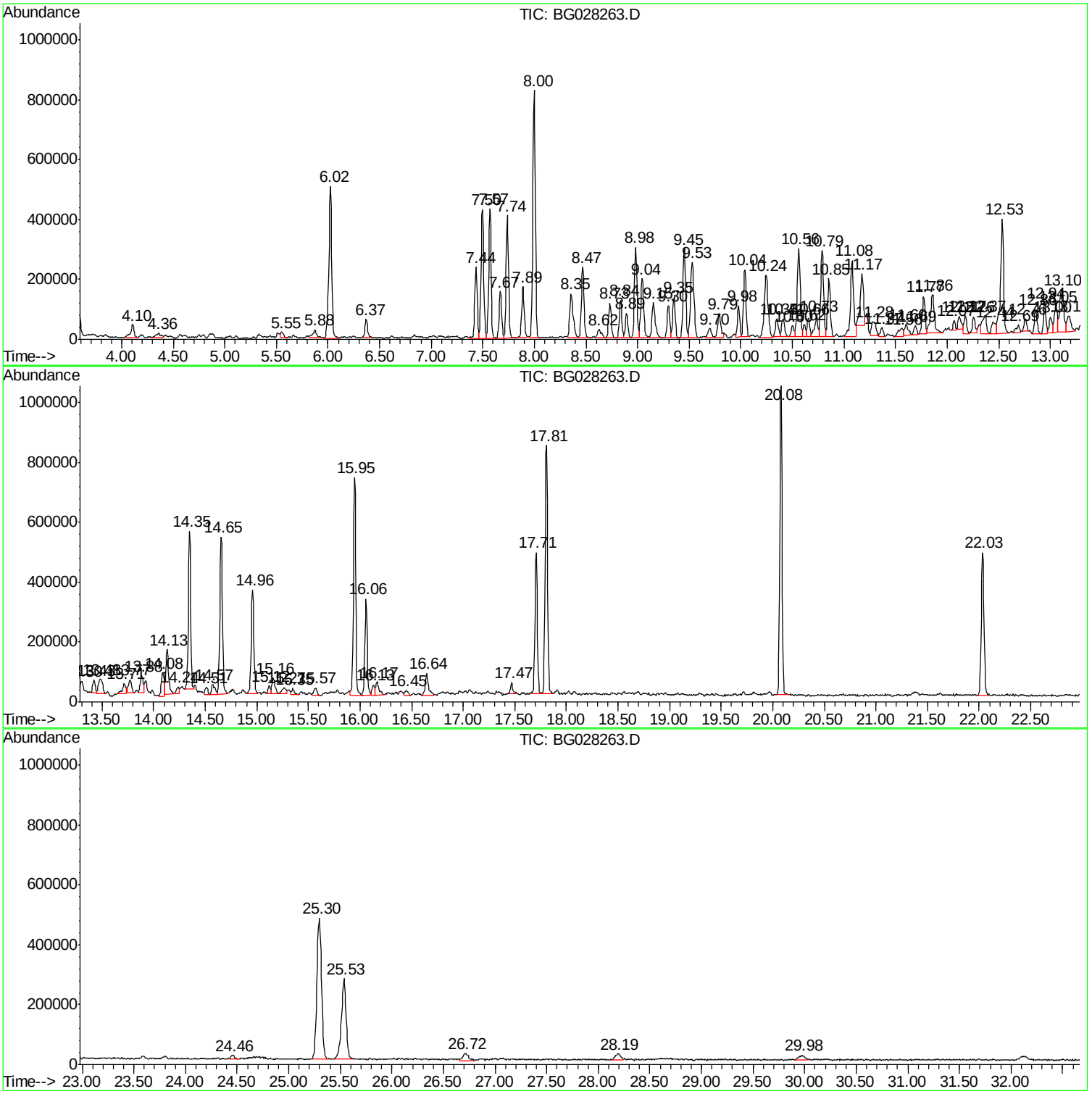
Sum of corrected areas: 31183095

Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

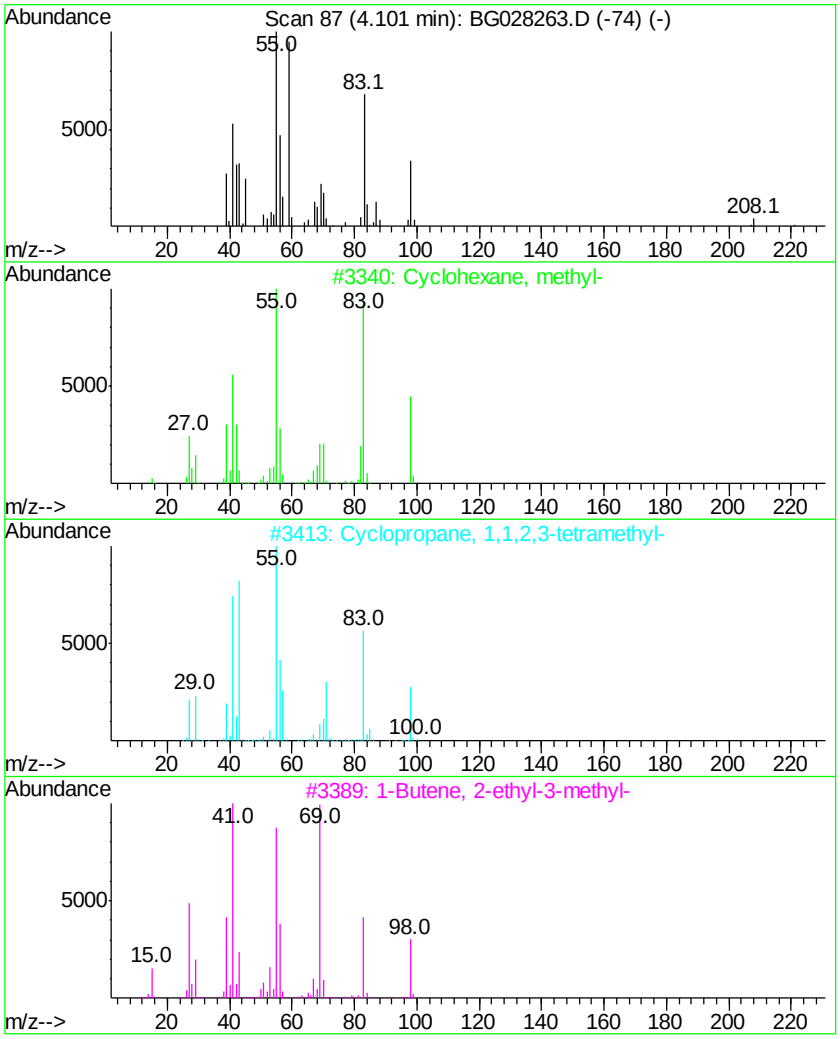
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

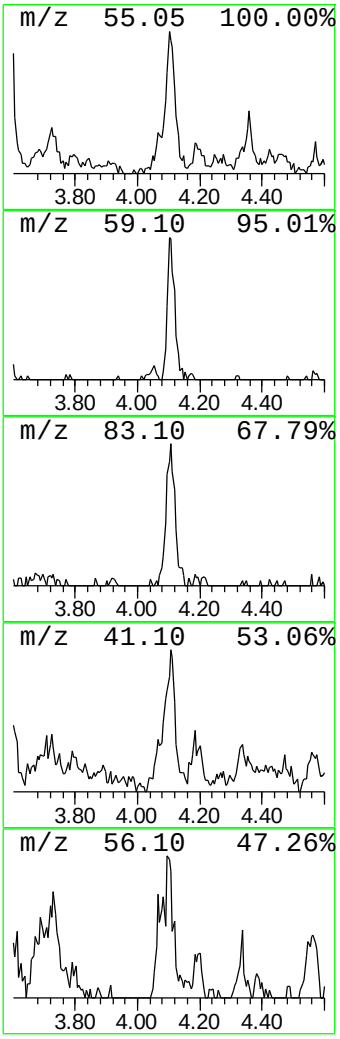
****

Peak Number 1 (DEL) Alkane: Cyclic4.10 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	6.76 ng/ul	114288	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	41
2	Cyclopropane, 1,1,2,3-tetramethyl-	98	C7H14	074752-93-5	38
3	1-Butene, 2-ethyl-3-methyl-	98	C7H14	007357-93-9	35
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	30
5	Cycloheptane	98	C7H14	000291-64-5	30





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

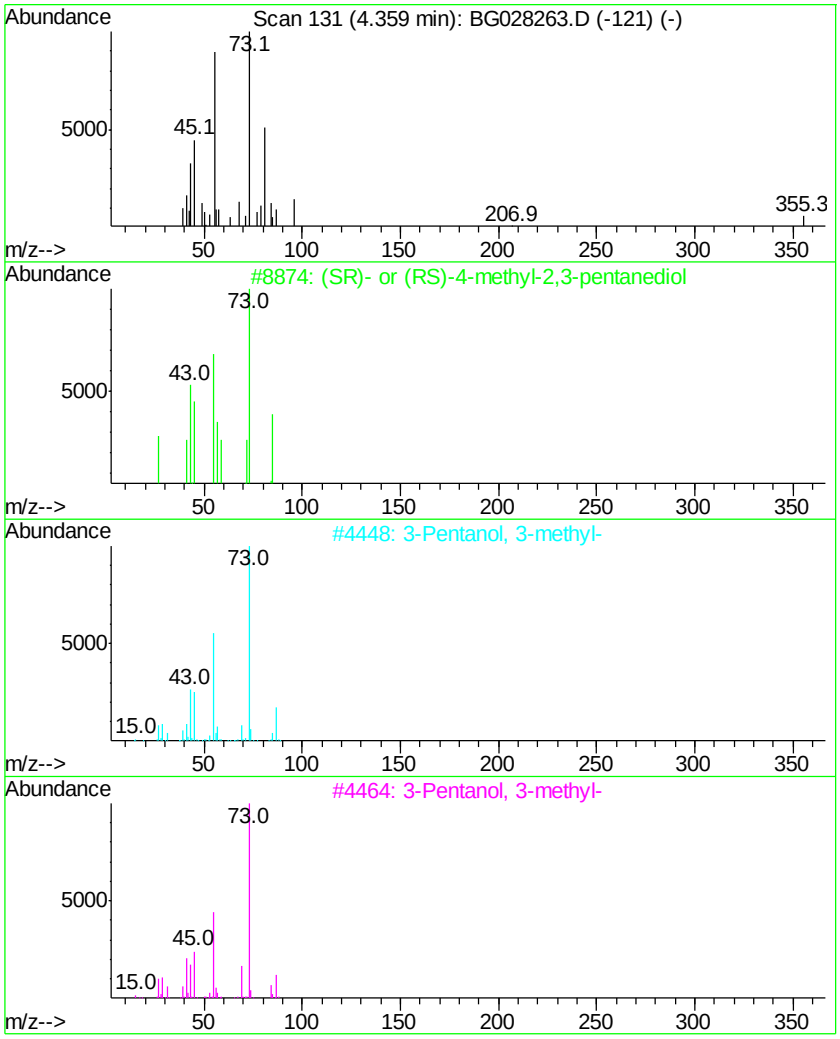
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

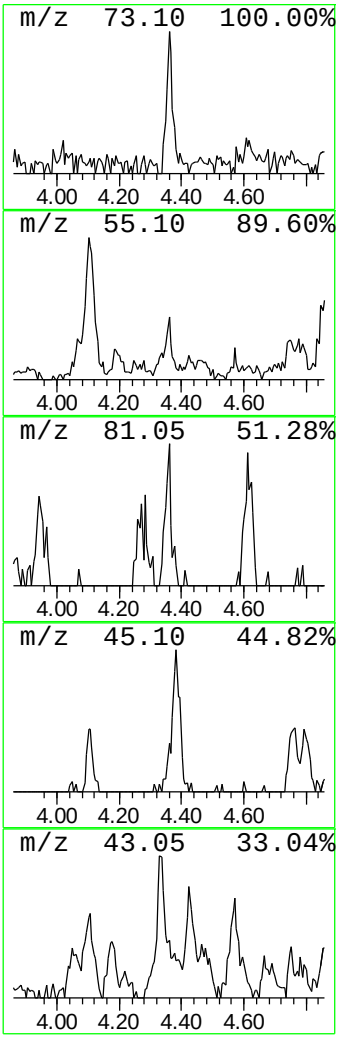
****

Peak Number 2 unknown-01 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.36	2.25 ng/ul	38137	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(SR)- or (RS)-4-methyl-2,3-penta...	118	C6H14O2	006702-10-9	33
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	25
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	23
4	5-Hexen-2-ol, 5-methyl-	114	C7H14O	050551-88-7	12
5	3-Hepten-1-ol	114	C7H14O	010606-47-0	10





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

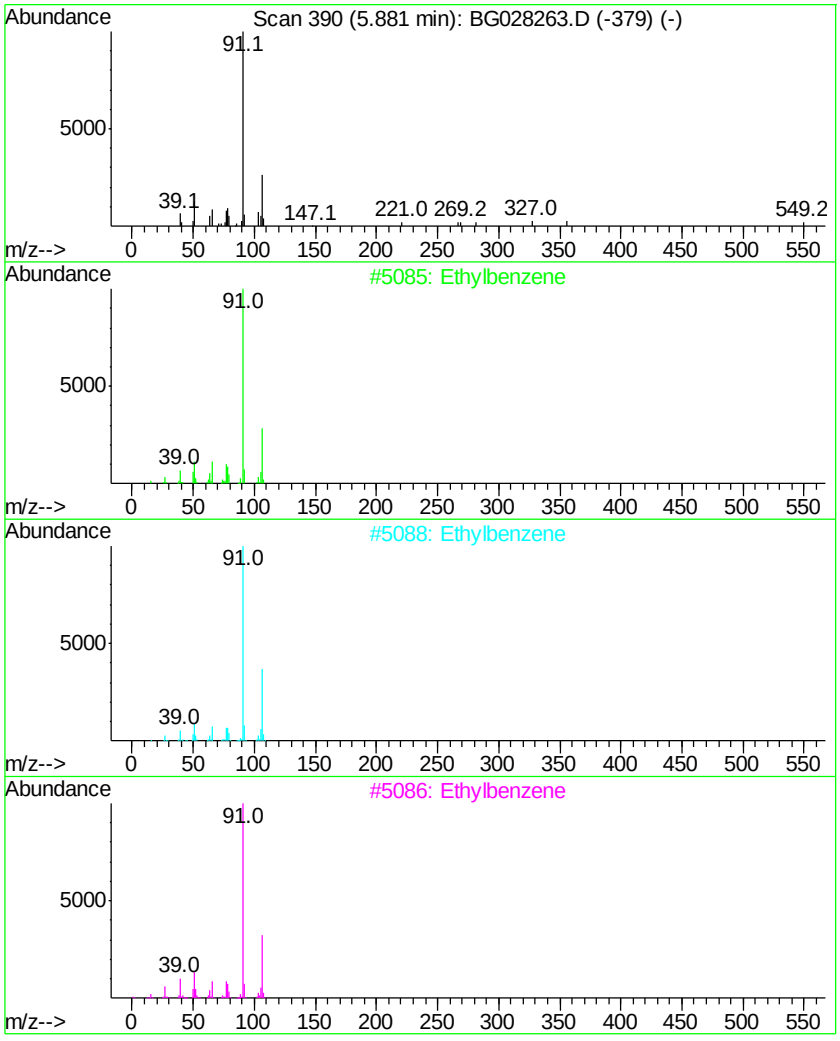
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

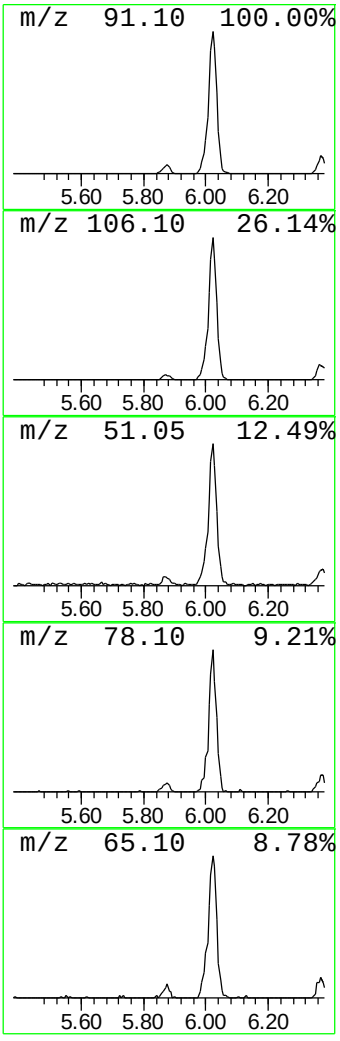
****

Peak Number 3 Ethylbenzene Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.88	4.32 ng/ul	73111	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	81
2	Ethylbenzene	106	C8H10	000100-41-4	74
3	Ethylbenzene	106	C8H10	000100-41-4	72
4	o-Xylene	106	C8H10	000095-47-6	59
5	p-Xylene	106	C8H10	000106-42-3	59





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

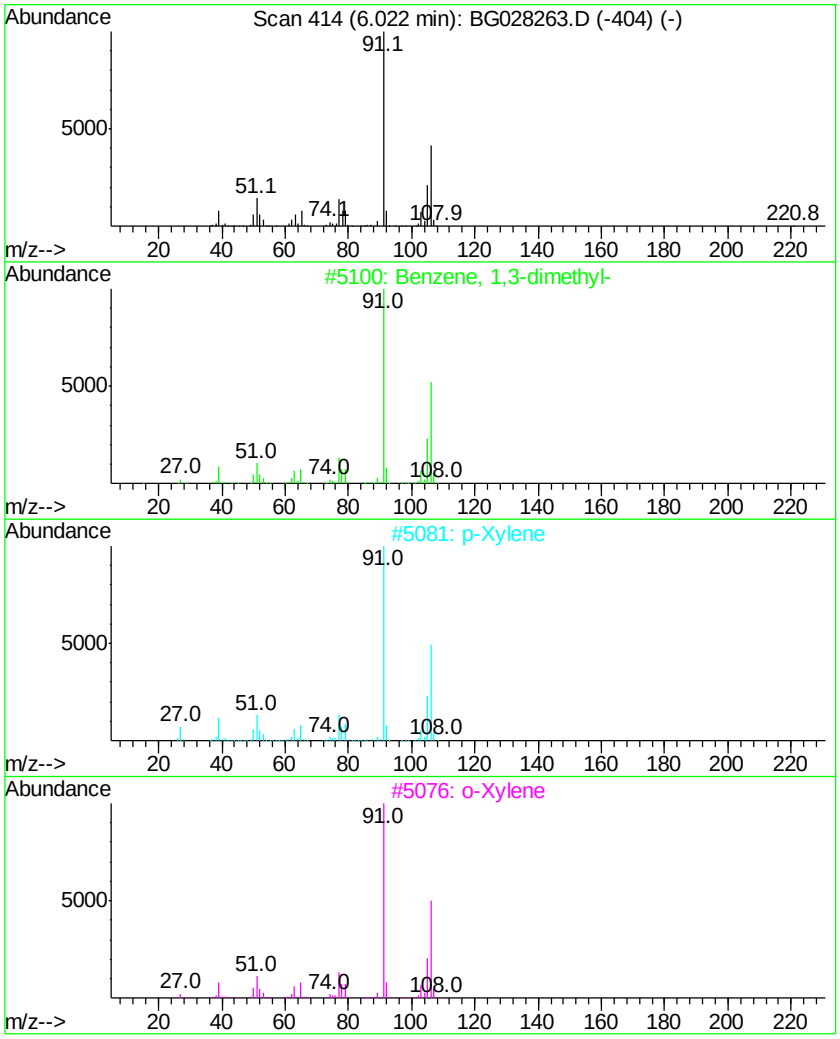
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

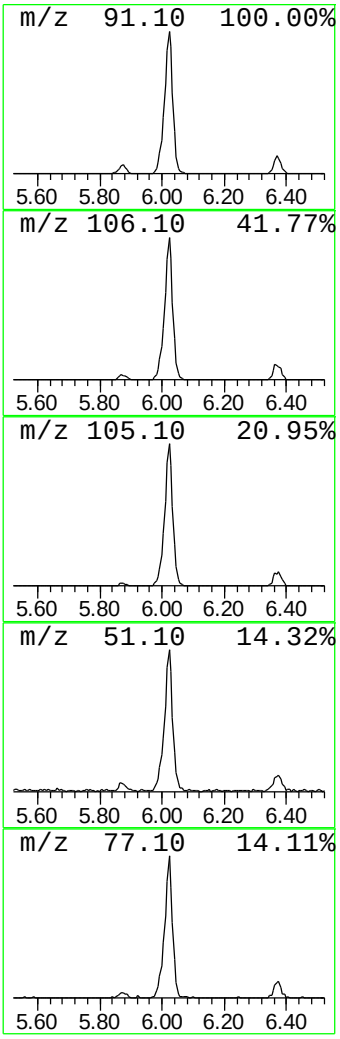
****

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	57.16 ng/ul	966855	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	o-Xylene	106	C8H10	000095-47-6	97
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

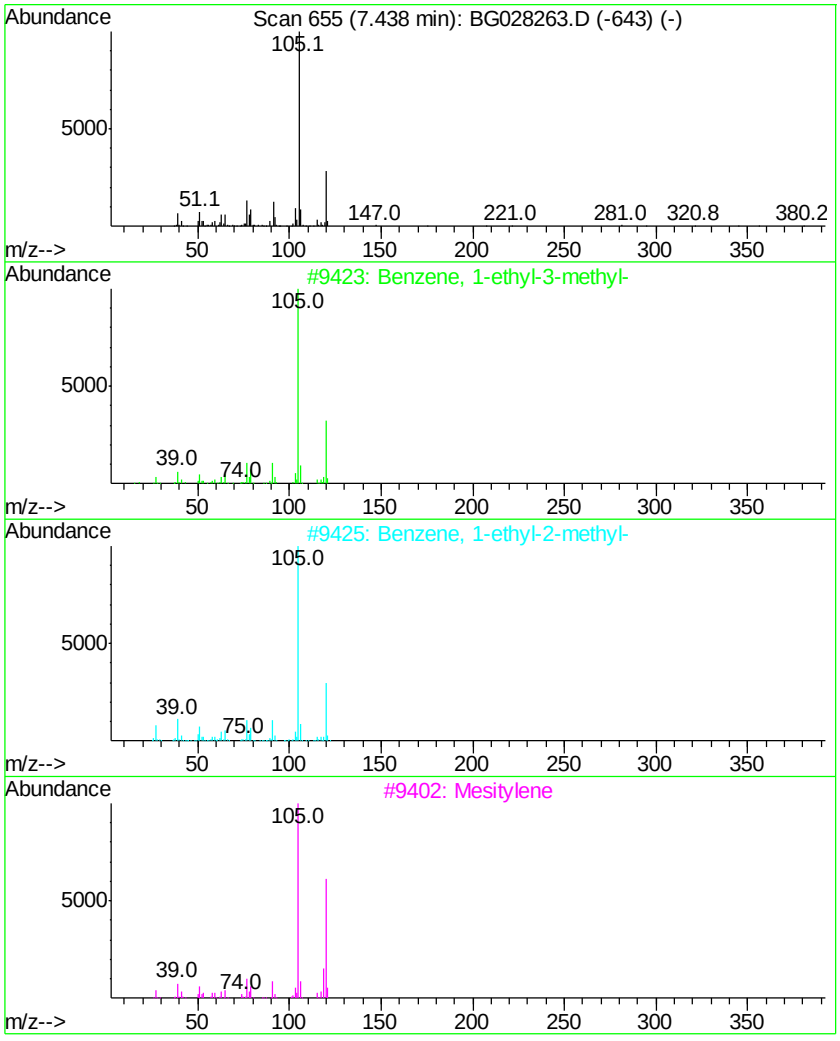
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

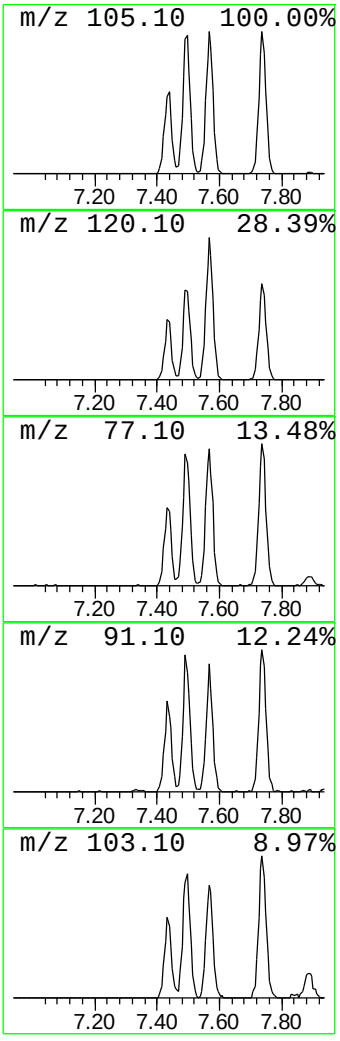
****

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	24.33 ng/ul	411606	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

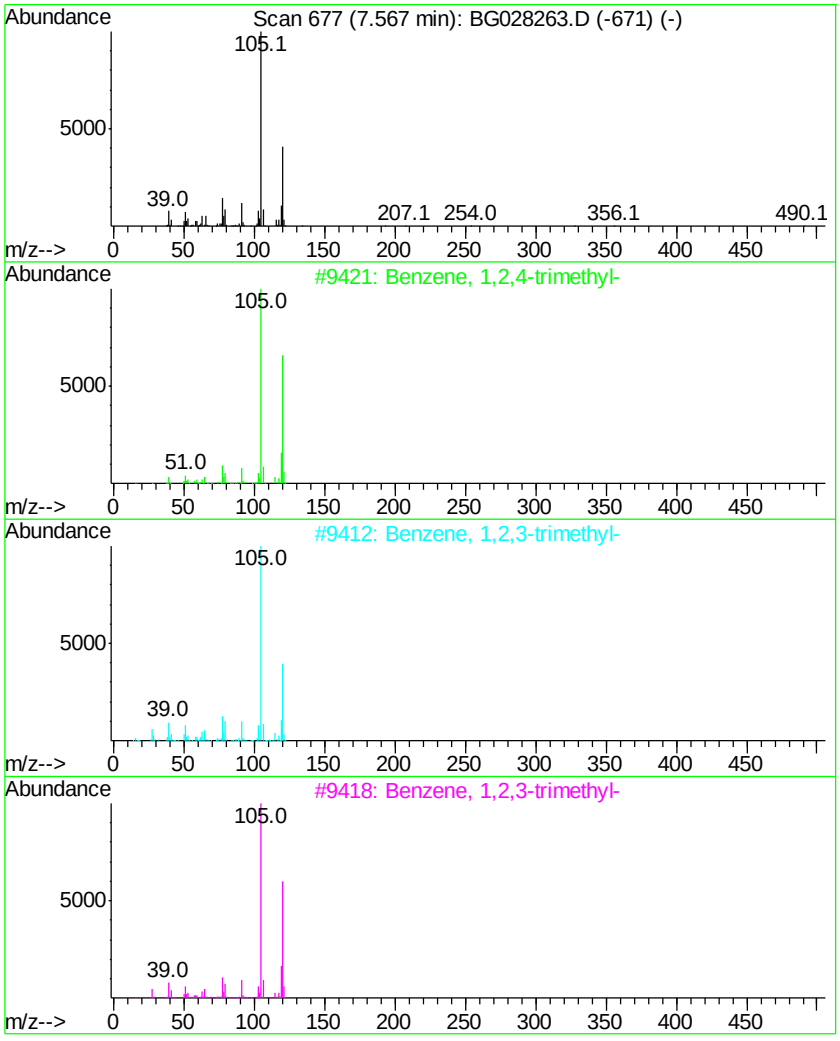
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

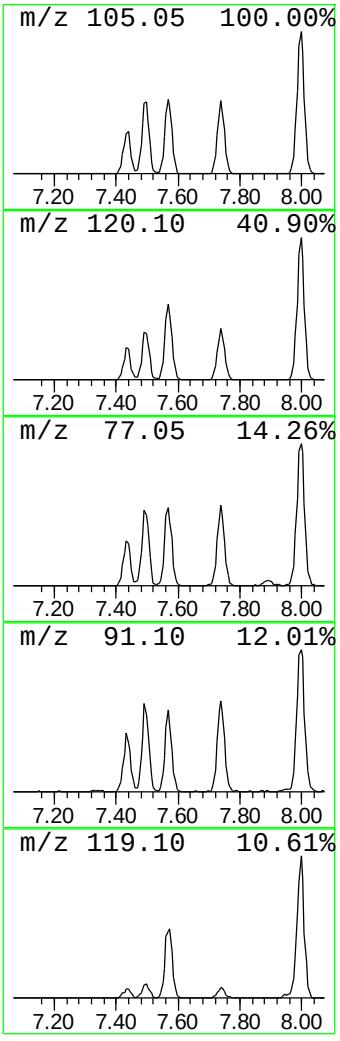
****

Peak Number 7 Benzene, 1,2,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	41.88 ng/ul	708404	1,4-Dichlorobenzene-d4	8.35

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





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

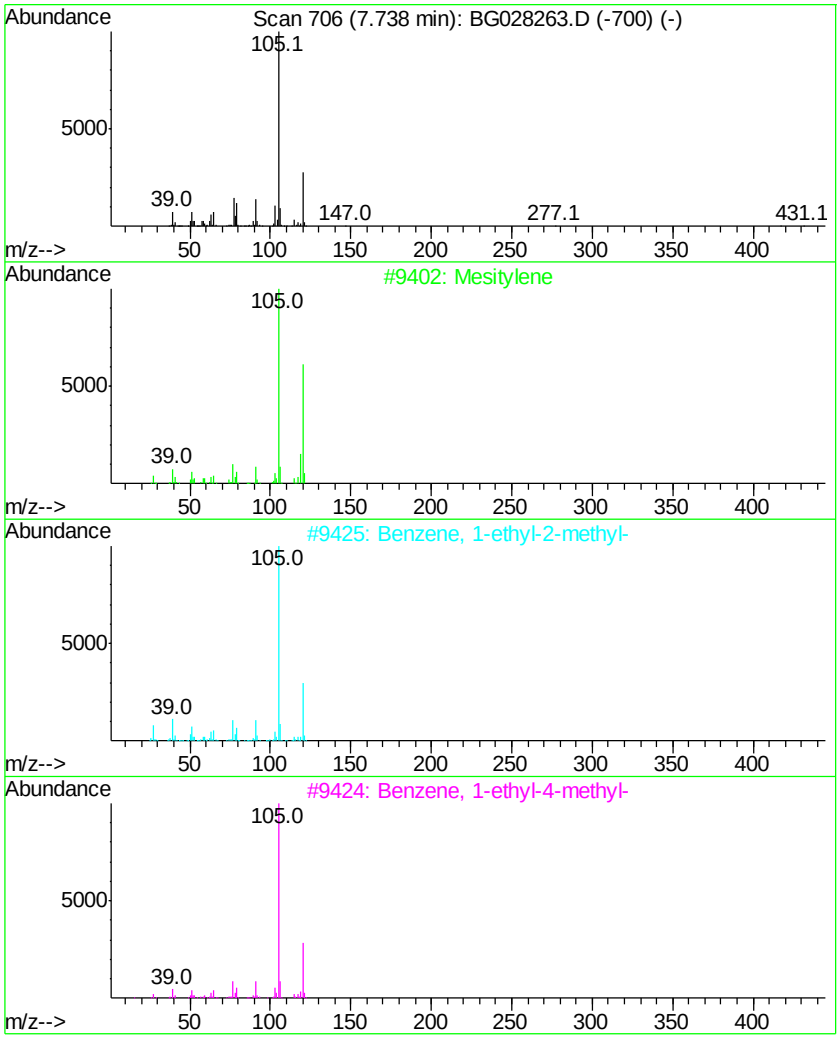
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

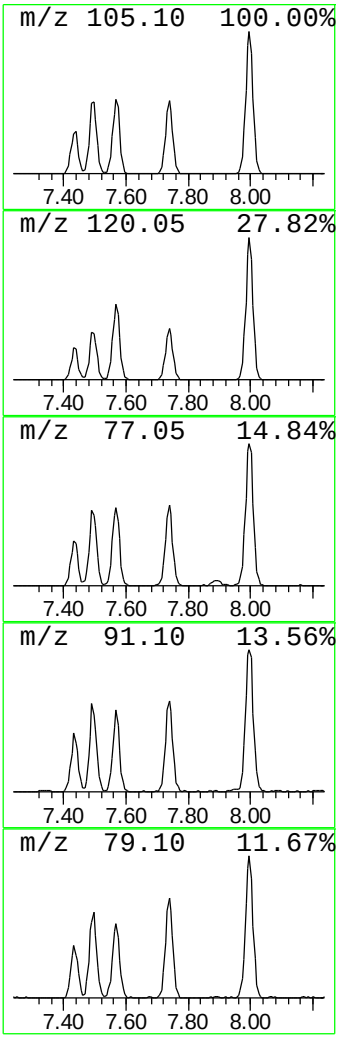
****

Peak Number 8 Mesitylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	39.98 ng/ul	676209	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	91
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

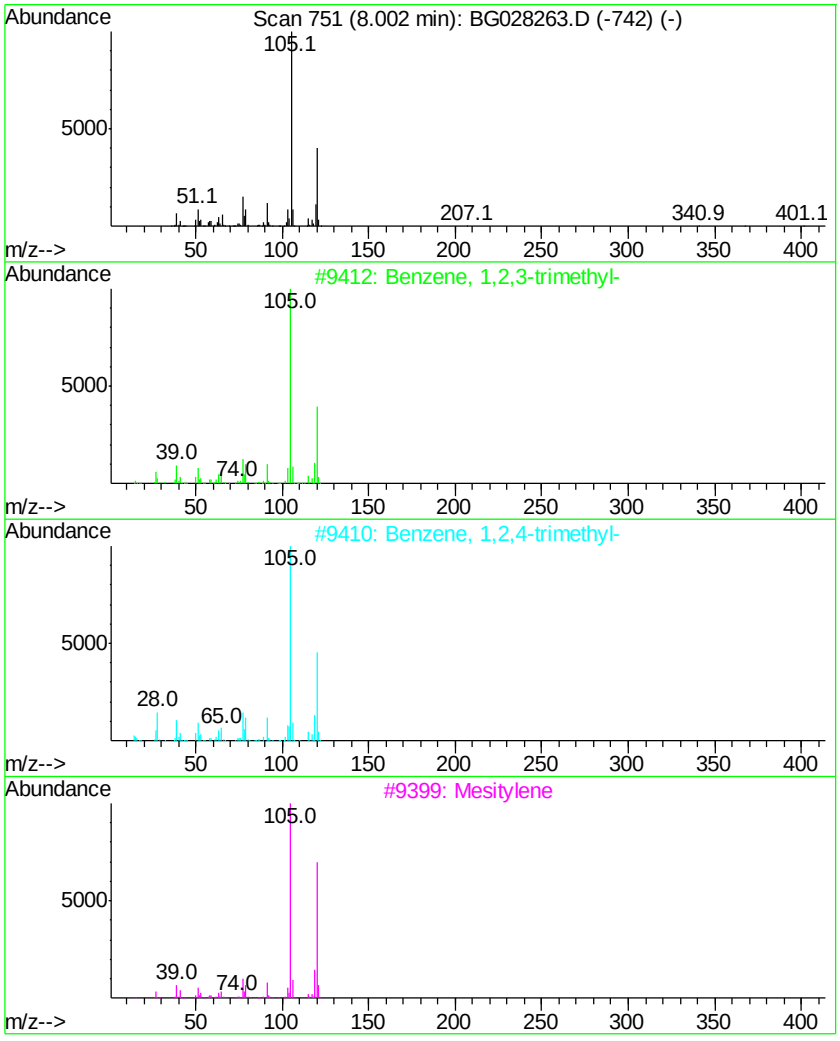
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

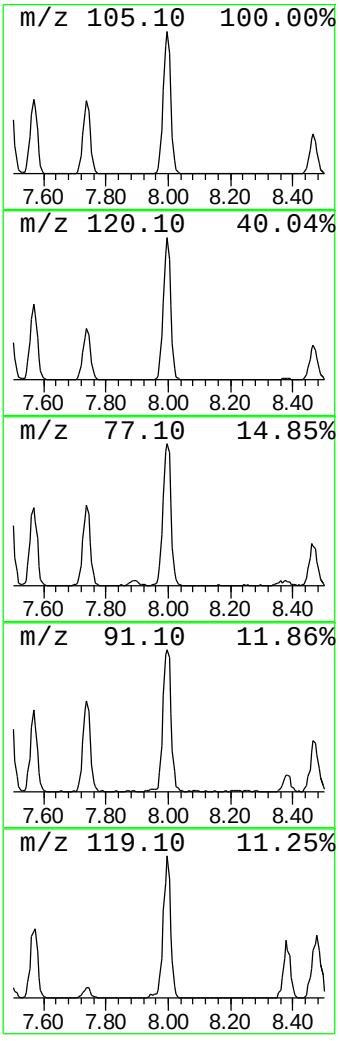
****

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	83.52 ng/ul	1412820	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

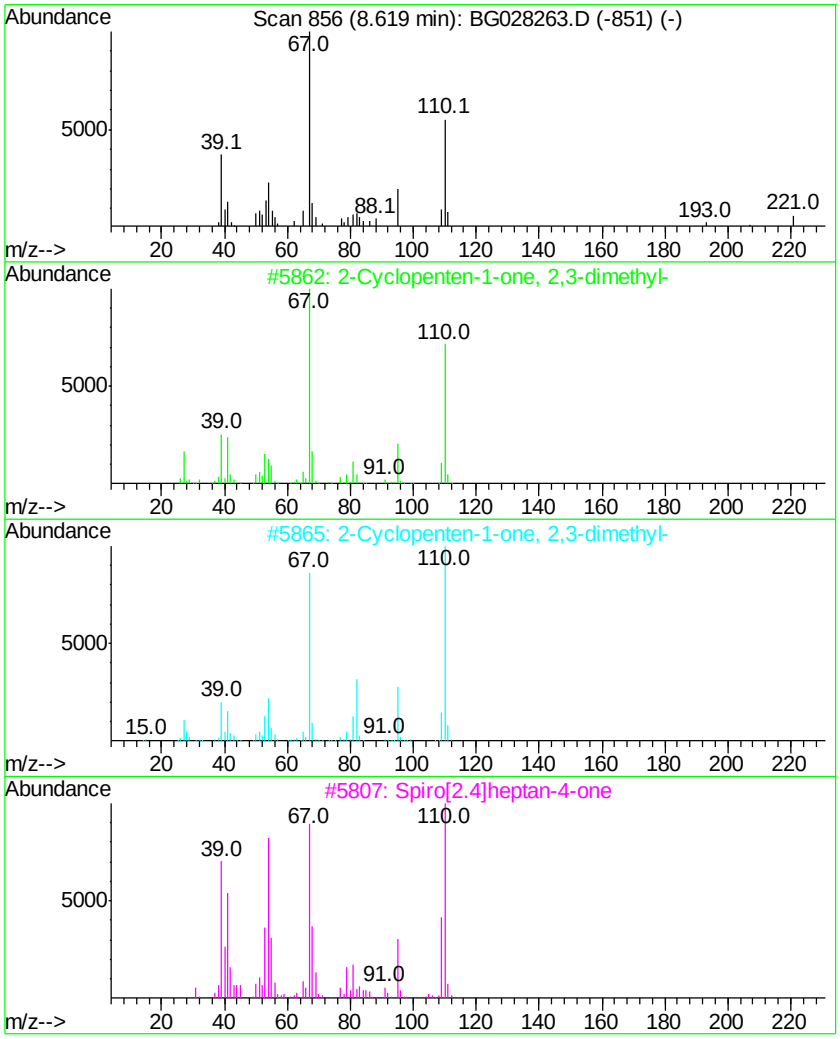
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

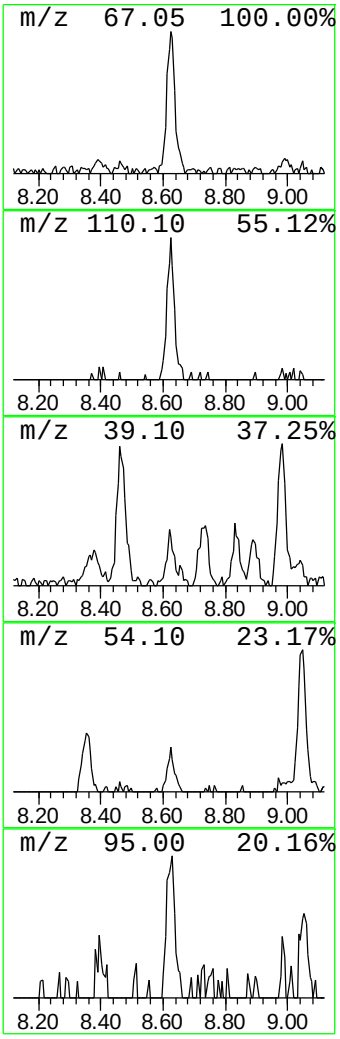
****

Peak Number 11 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	4.36 ng/ul	73689	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	87
2	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	86
3	Spiro[2.4]heptan-4-one	110	C7H10O	005771-32-4	49
4	Norbornadieone	110	C7H10O	010218-02-7	47
5	Vinylcyclopentane	96	C7H12	003742-34-5	47





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

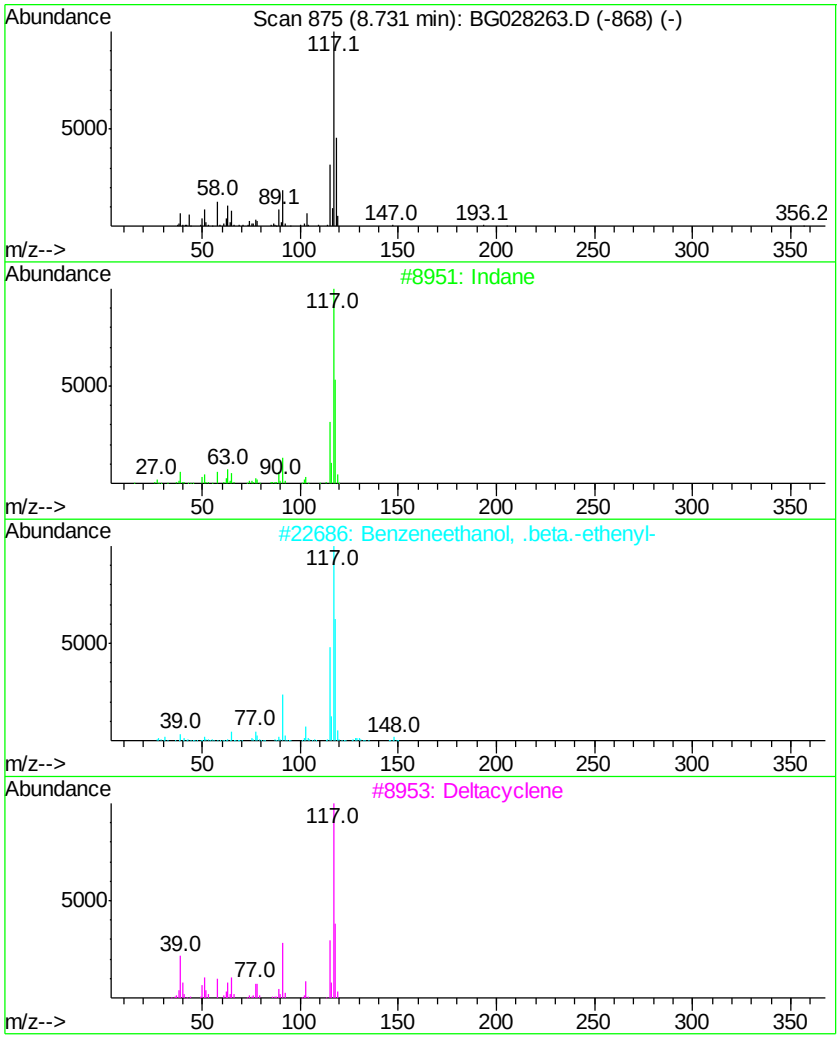
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

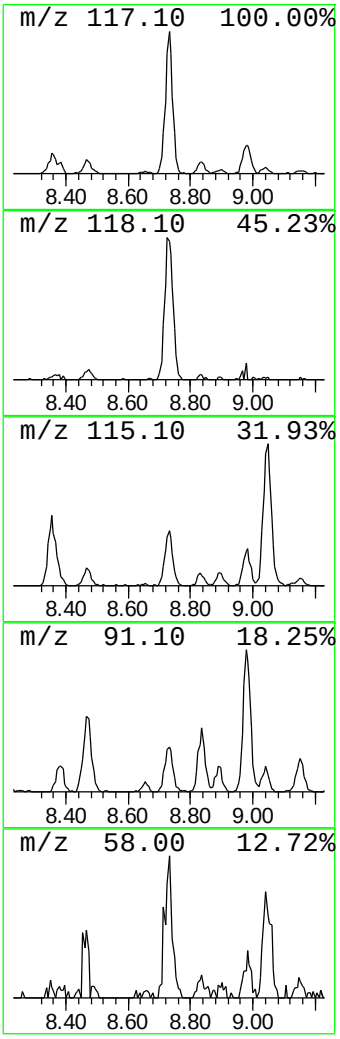
****

Peak Number 12 Indane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	12.45 ng/ul	210511	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	86
3	Deltacyclene	118	C9H10	007785-10-6	81
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
5	Deltacyclene	118	C9H10	007785-10-6	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

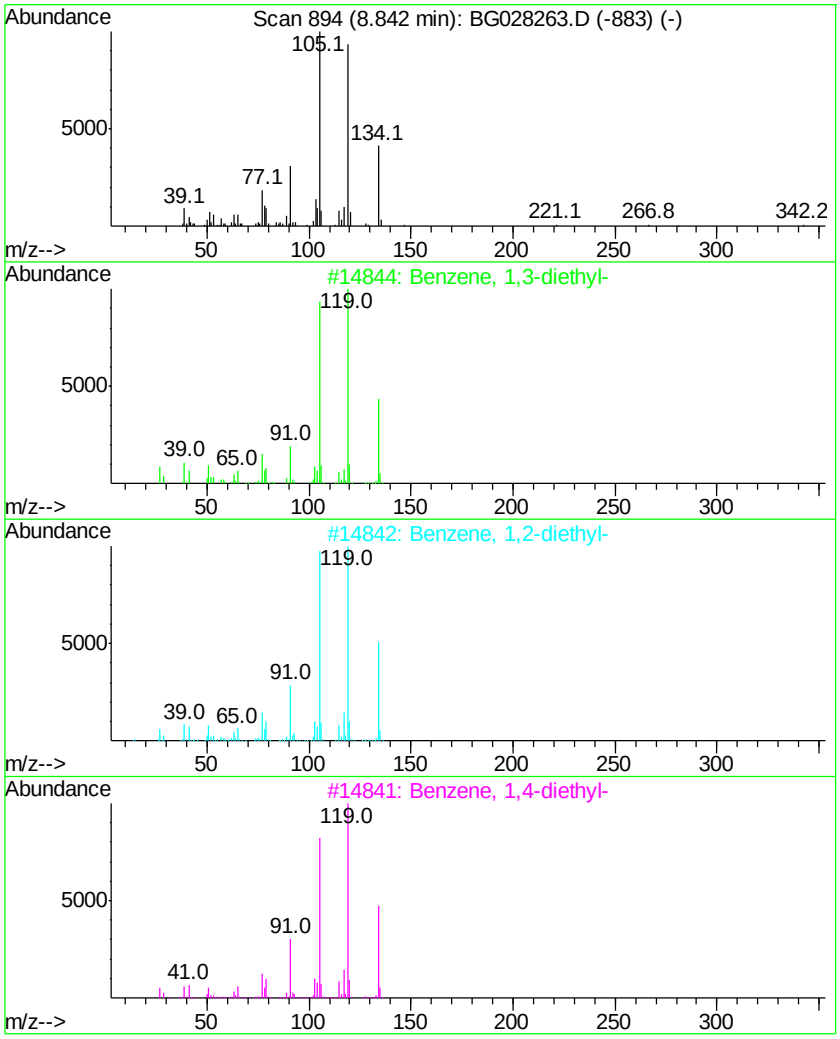
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

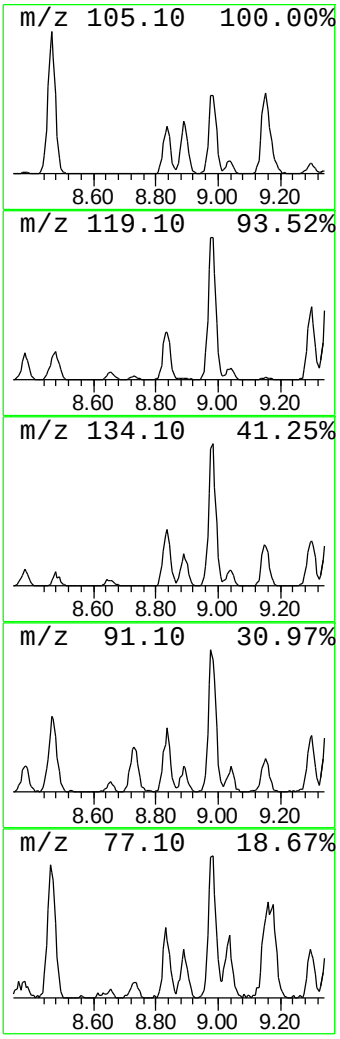
****

Peak Number 13 Benzene, 1,3-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	12.61 ng/ul	213239	1,4-Dichlorobenzene-d4	8.35

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





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

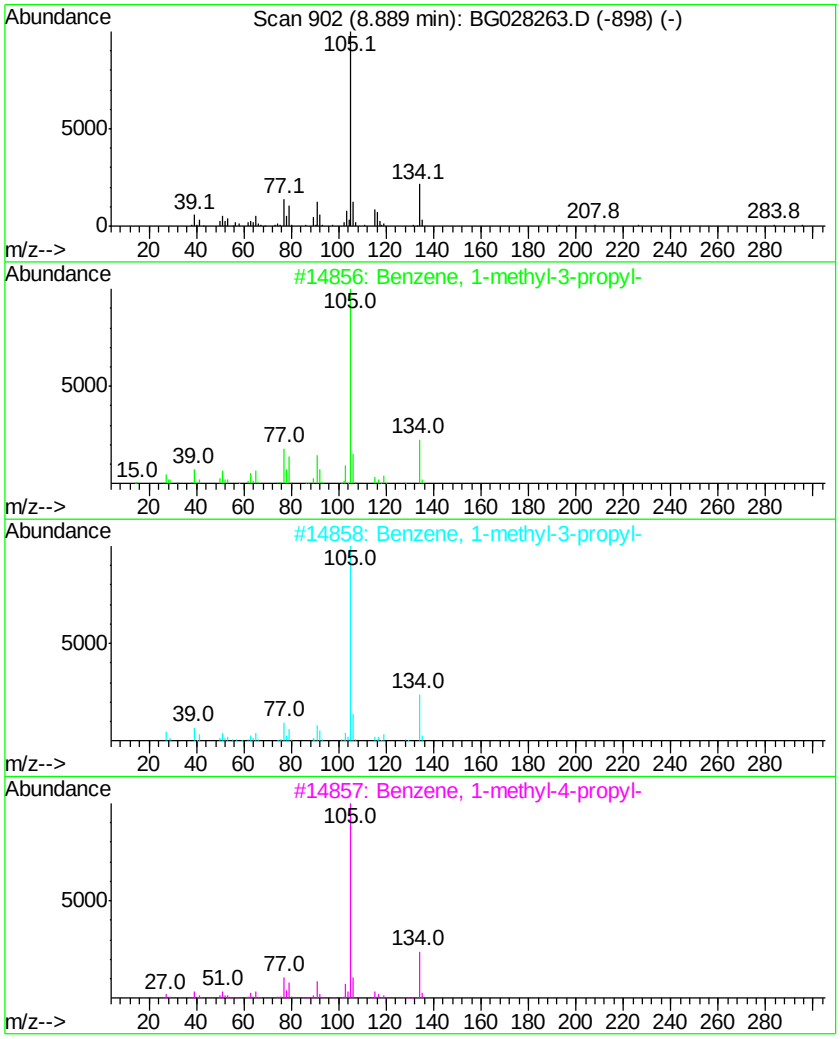
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

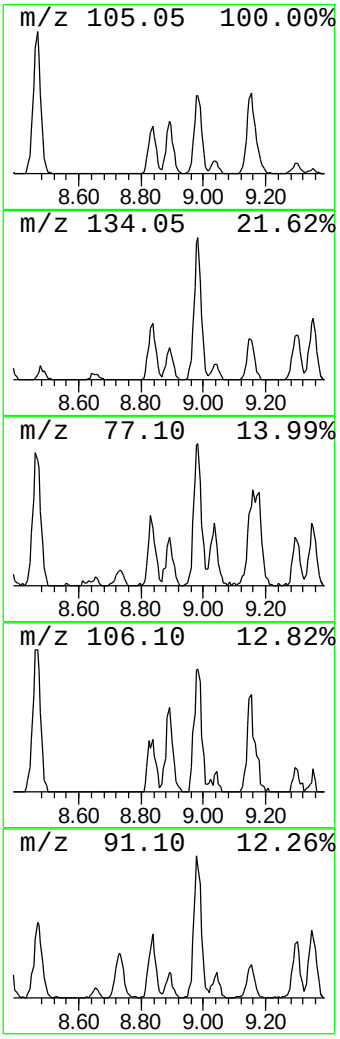
****

Peak Number 14 Benzene, 1-methyl-3-propyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	7.96 ng/ul	134669	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

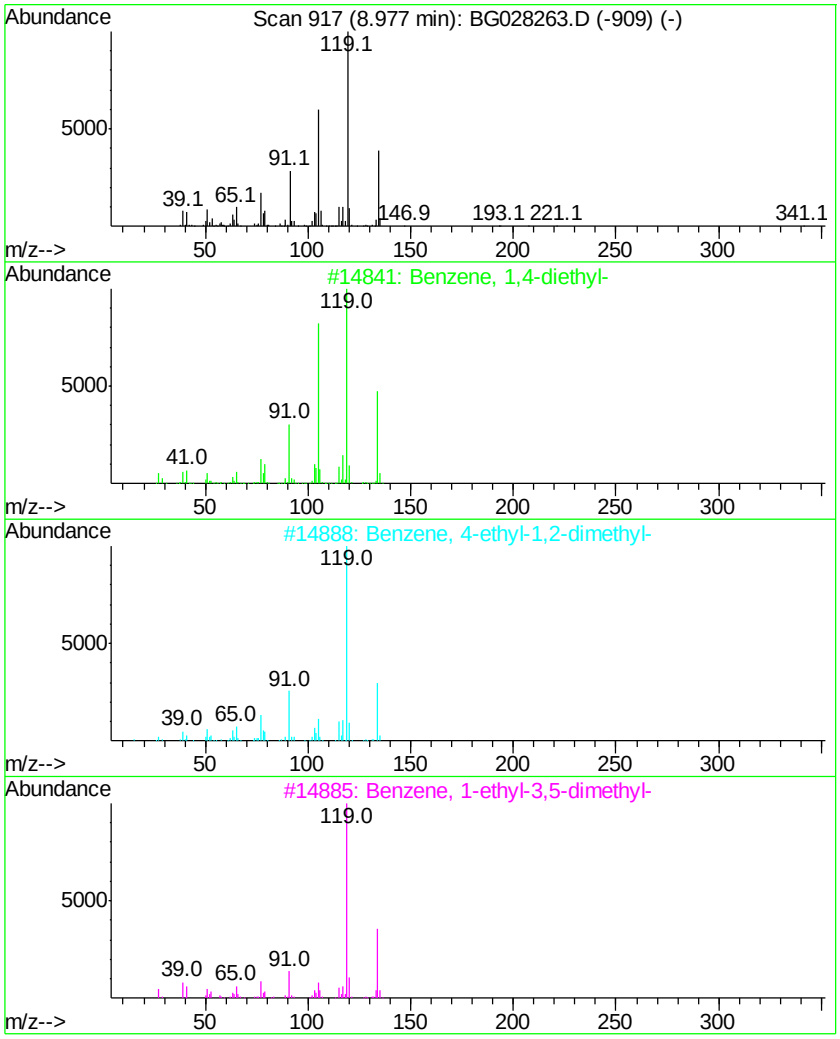
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

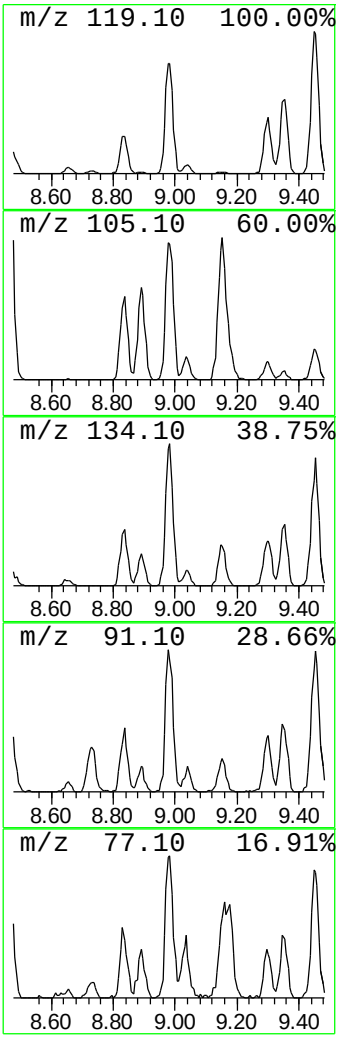
****

Peak Number 15 Benzene, 1,4-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	31.64 ng/ul	535186	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
5	o-Cymene	134	C10H14	000527-84-4	93





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

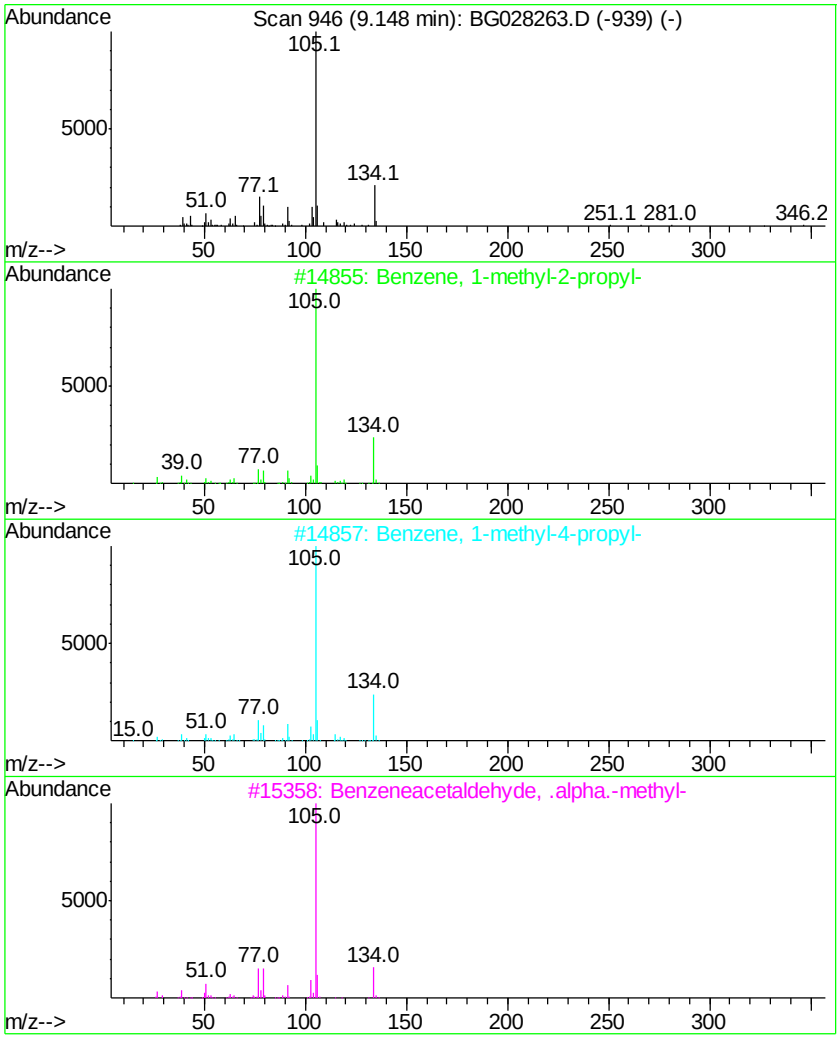
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

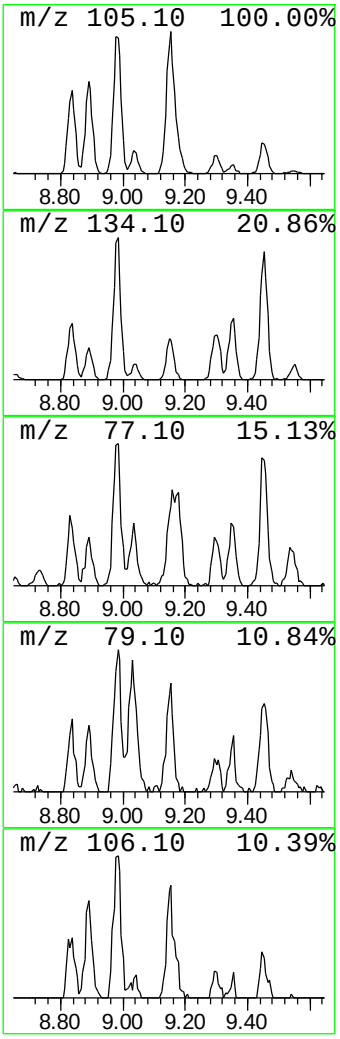
****

Peak Number 16 Benzene, 1-methyl-2-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	15.27 ng/ul	258314	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	90
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

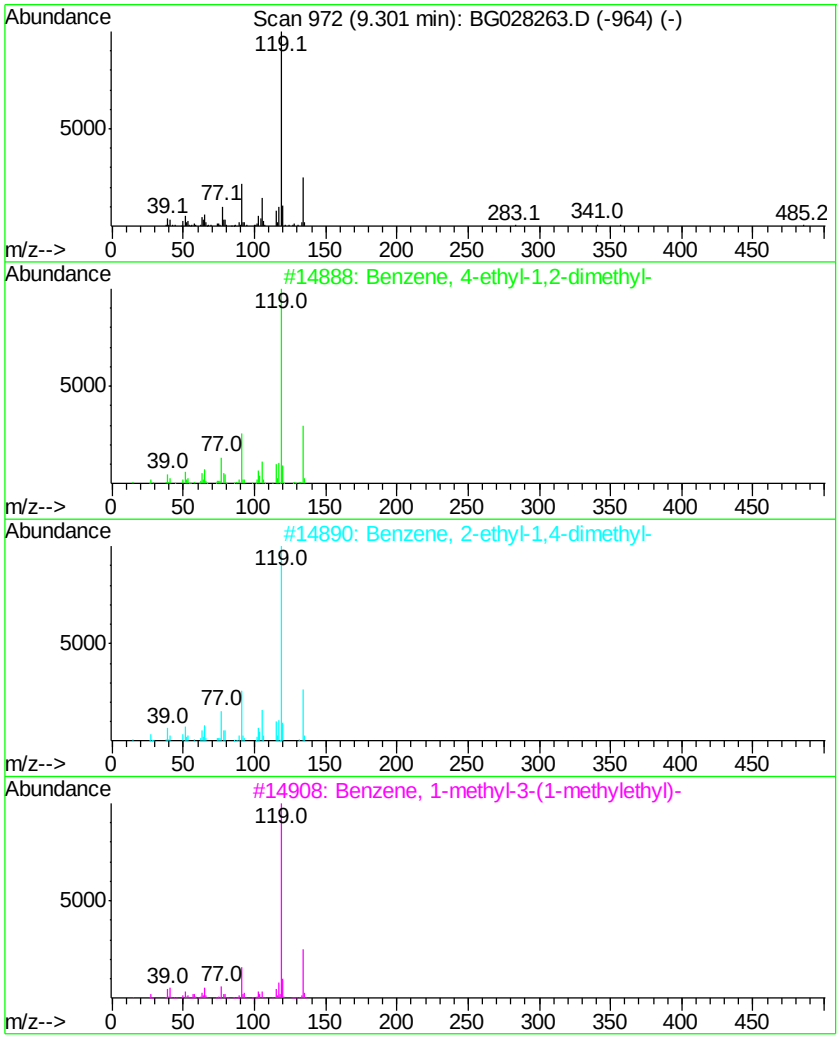
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

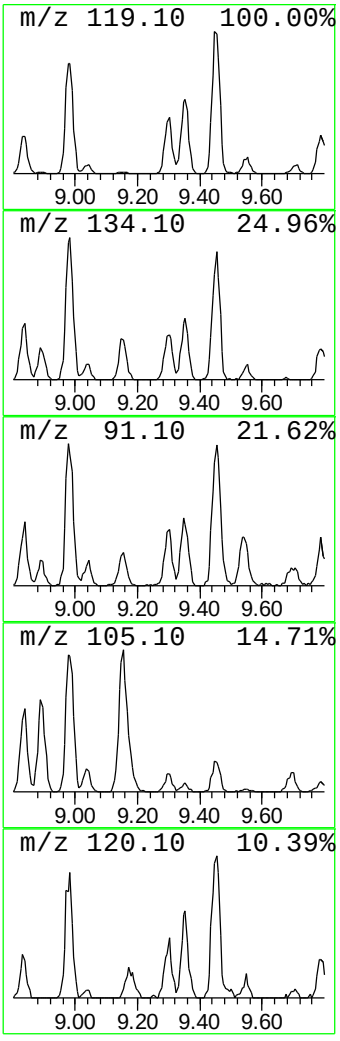
****

Peak Number 17 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	11.15 ng/ul	188569	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
4	p-Cymene	134	C10H14	000099-87-6	93
5	o-Cymene	134	C10H14	000527-84-4	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

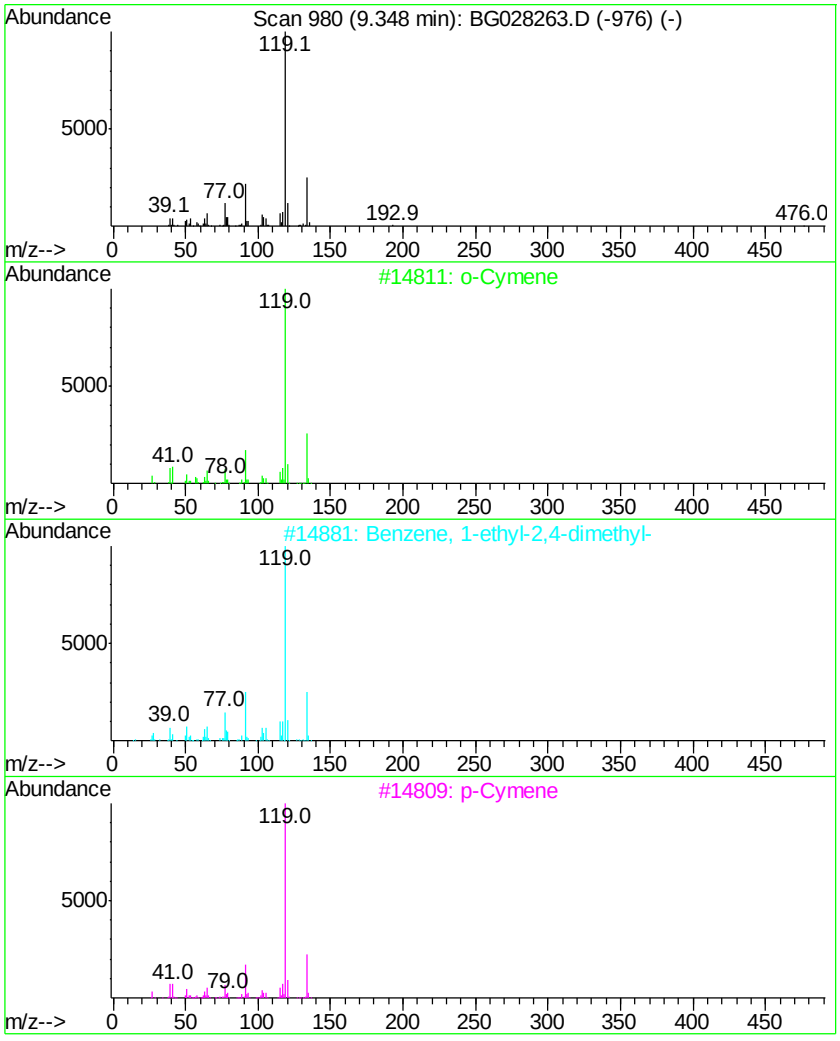
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

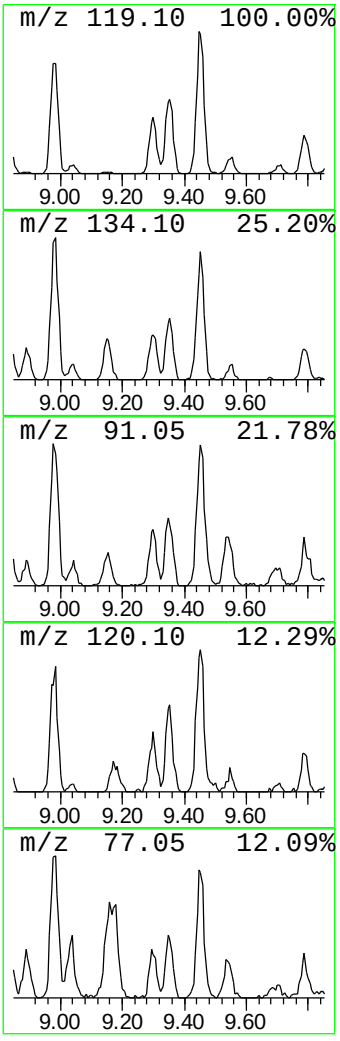
****

Peak Number 18 o-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	13.70 ng/ul	231739	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

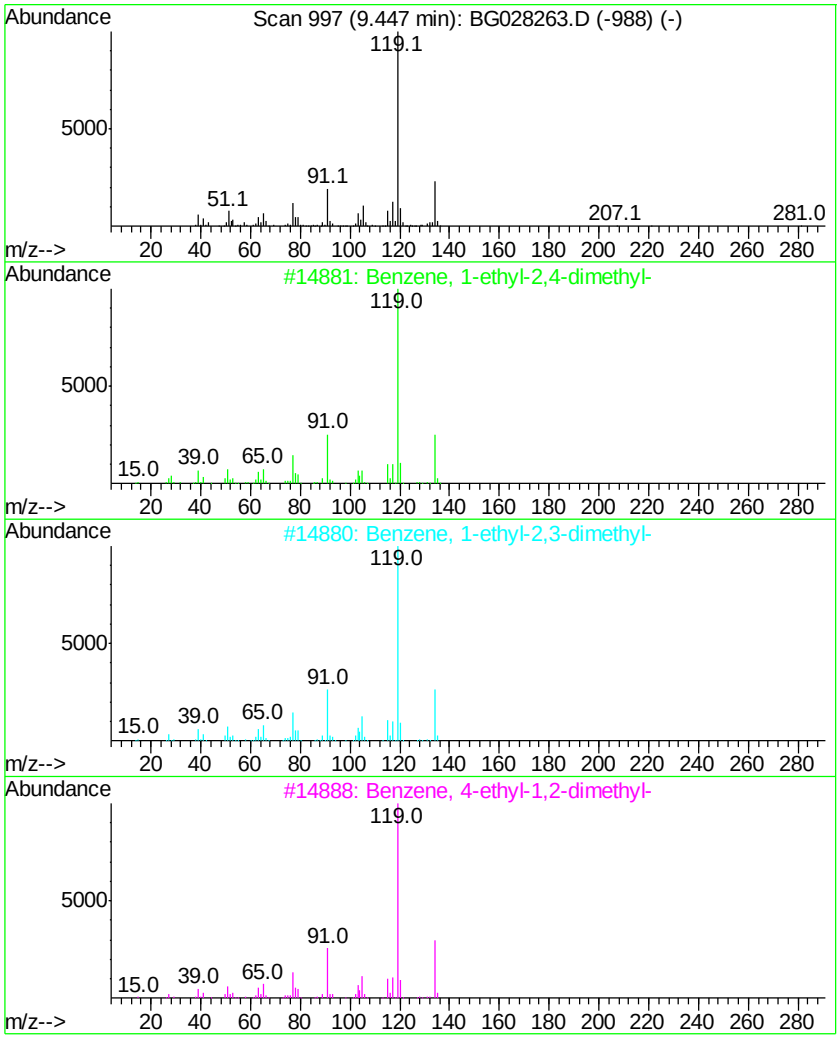
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

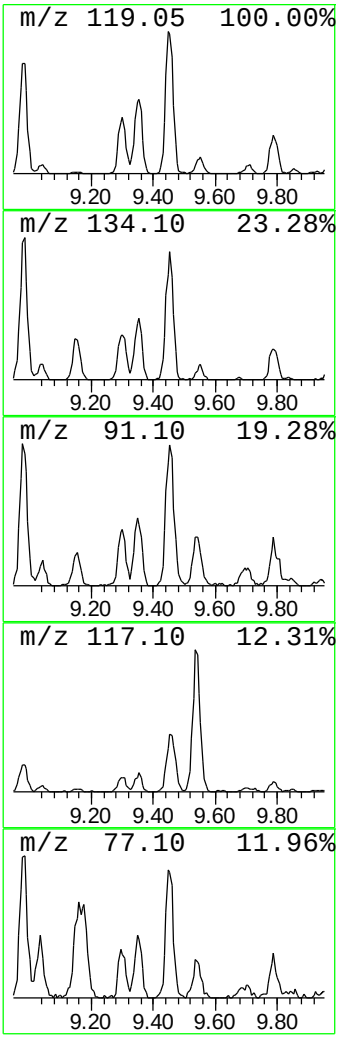
****

Peak Number 19 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	32.24 ng/ul	545278	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4	p-Cymene	134	C10H14	000099-87-6	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

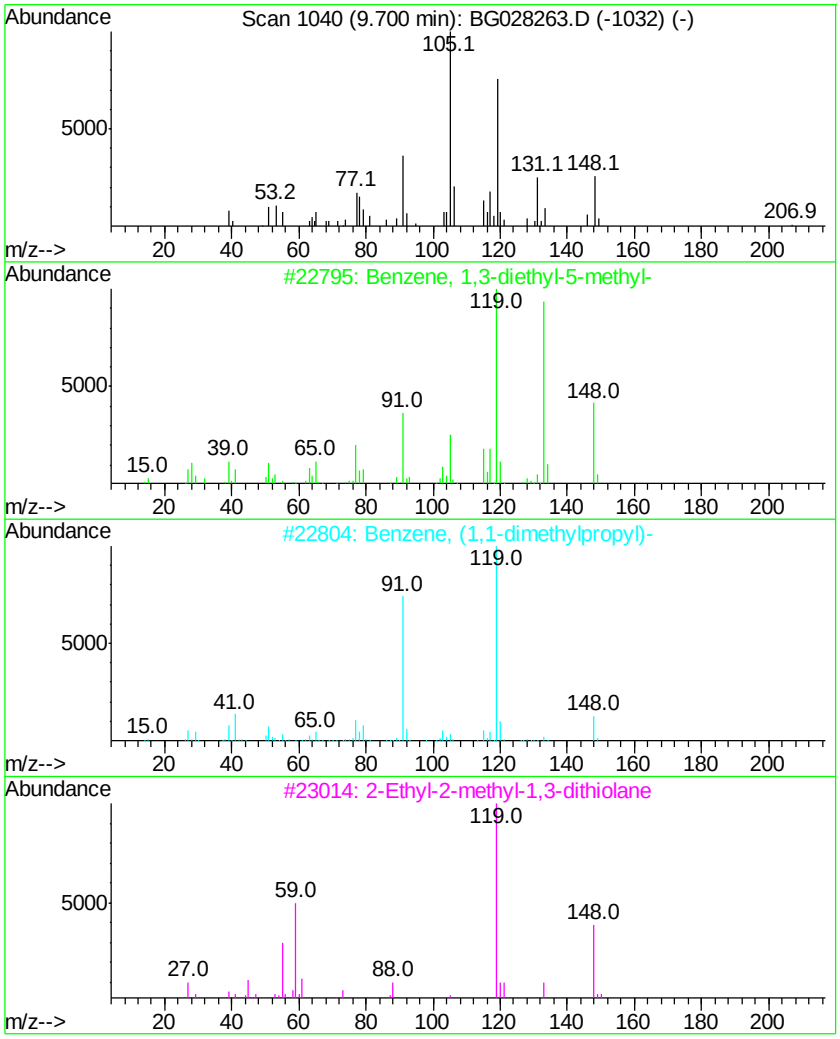
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

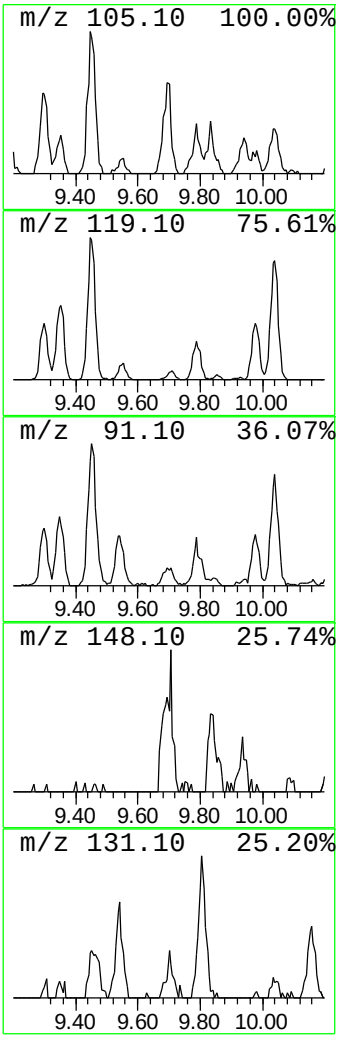
****

Peak Number 20 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	4.15 ng/ul	70255	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	46
3	2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	43
4	p-Cymene	134	C10H14	000099-87-6	35
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	35





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

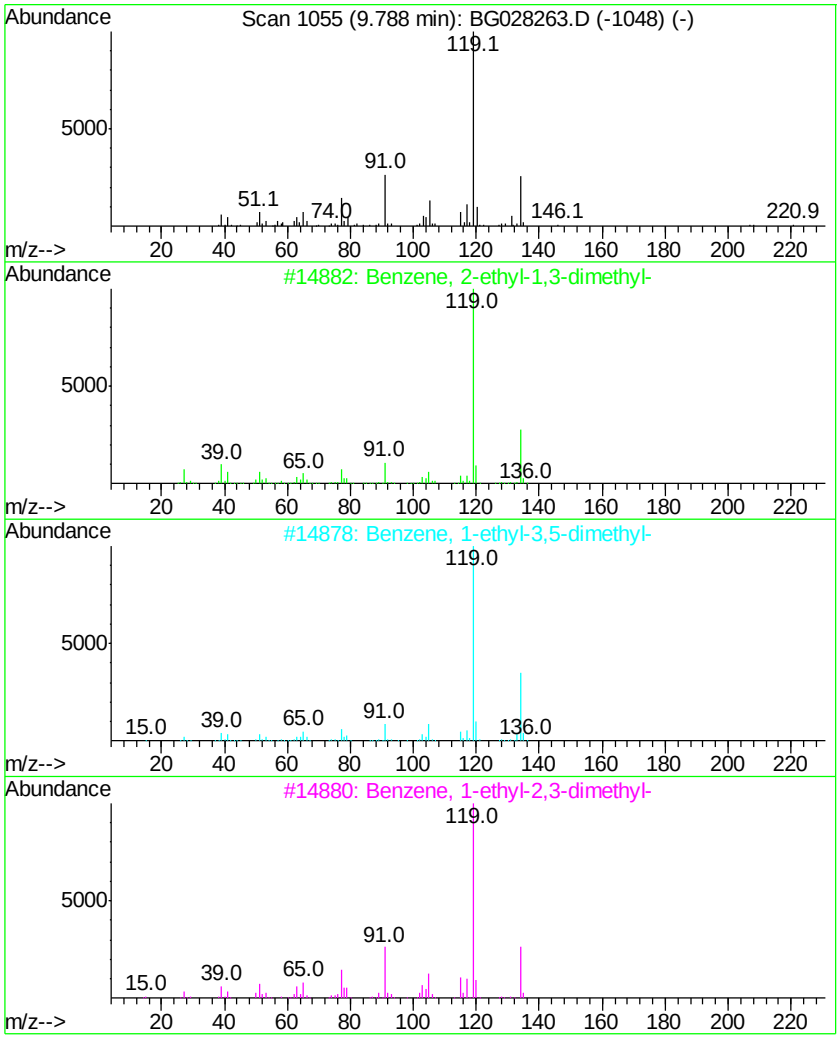
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

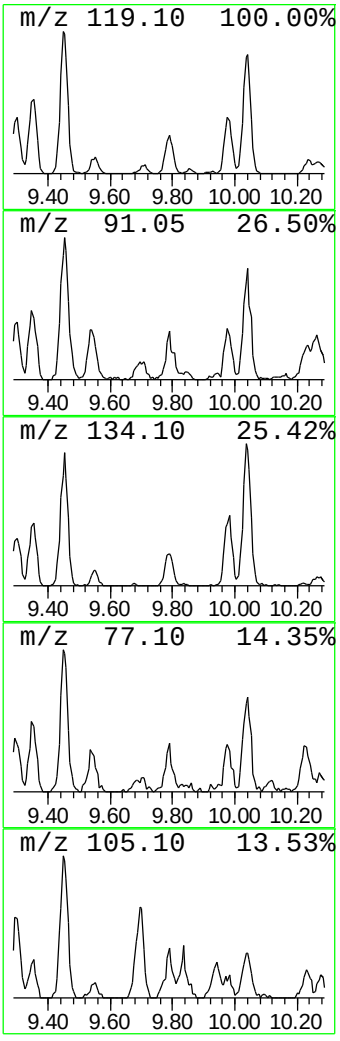
****

Peak Number 21 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	8.37 ng/ul	163586	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

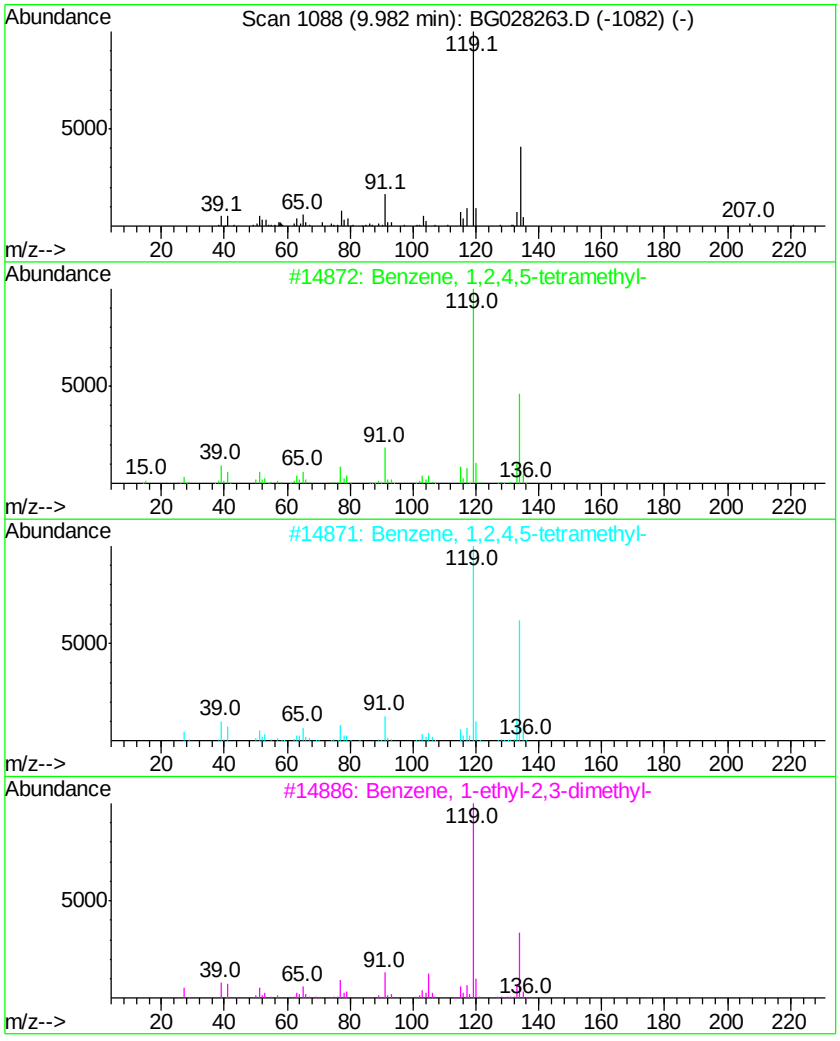
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

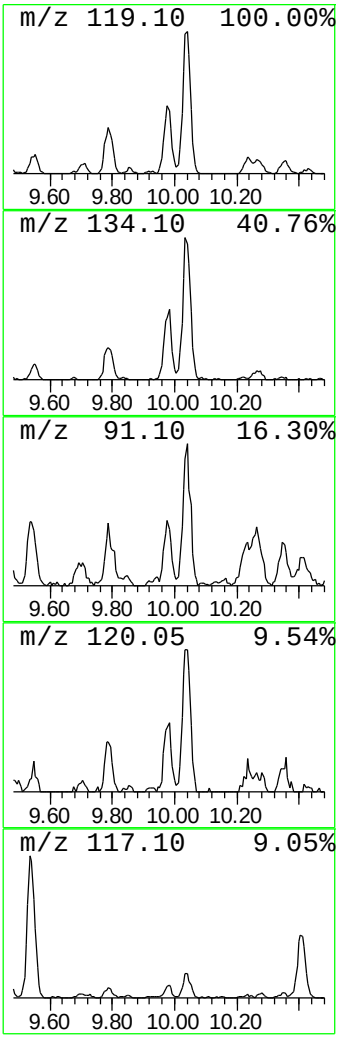
****

Peak Number 22 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	9.29 ng/ul	181578	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

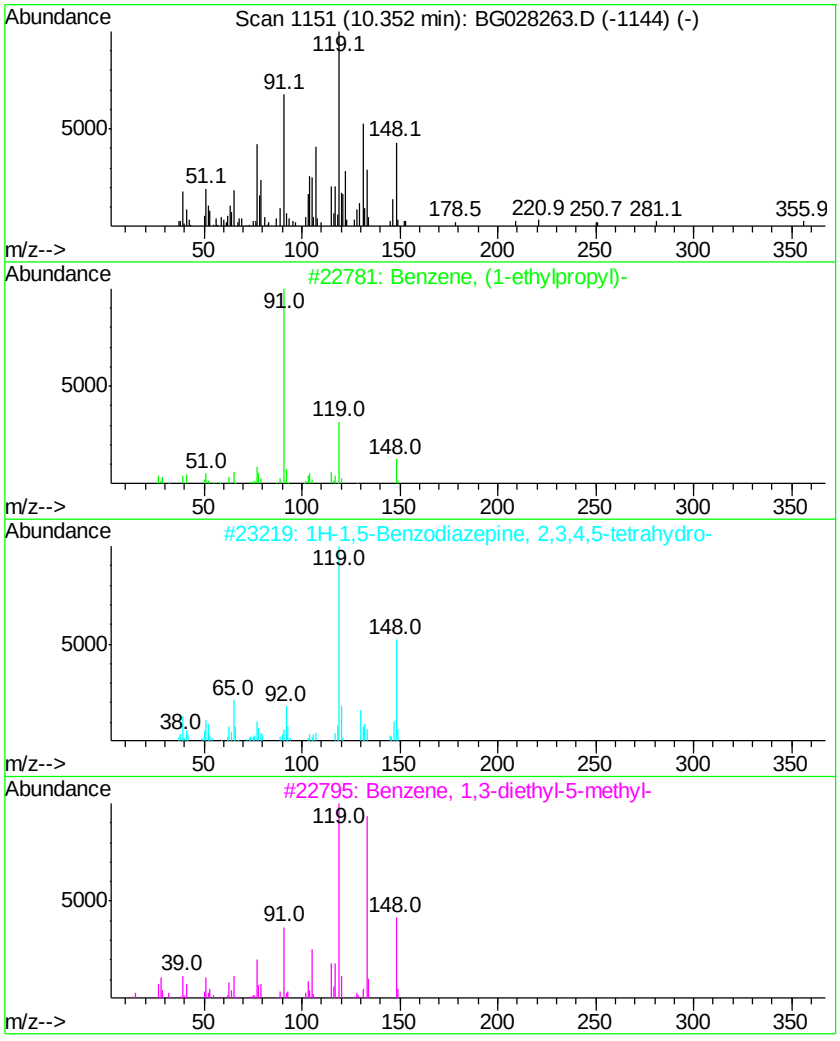
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

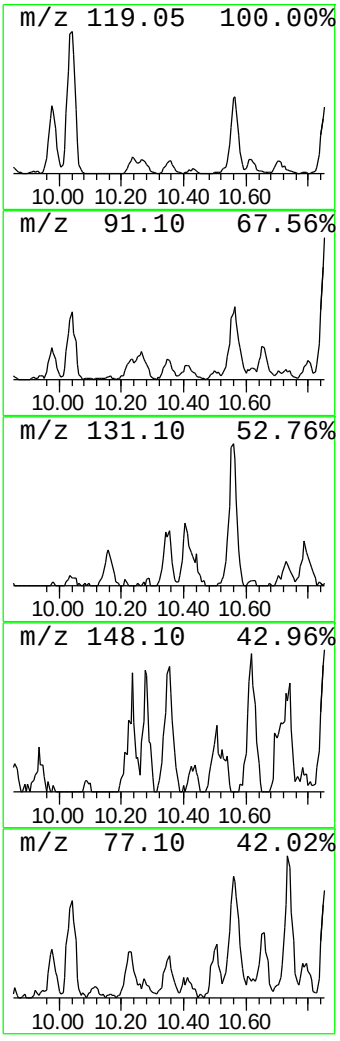
****

Peak Number 24 unknown-02 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	6.39 ng/ul	124884	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	38
2	1H-1,5-Benzodiazepine, 2,3,4,5-t...	148	C9H12N2	006516-89-8	38
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	38
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	27
5	2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	25





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

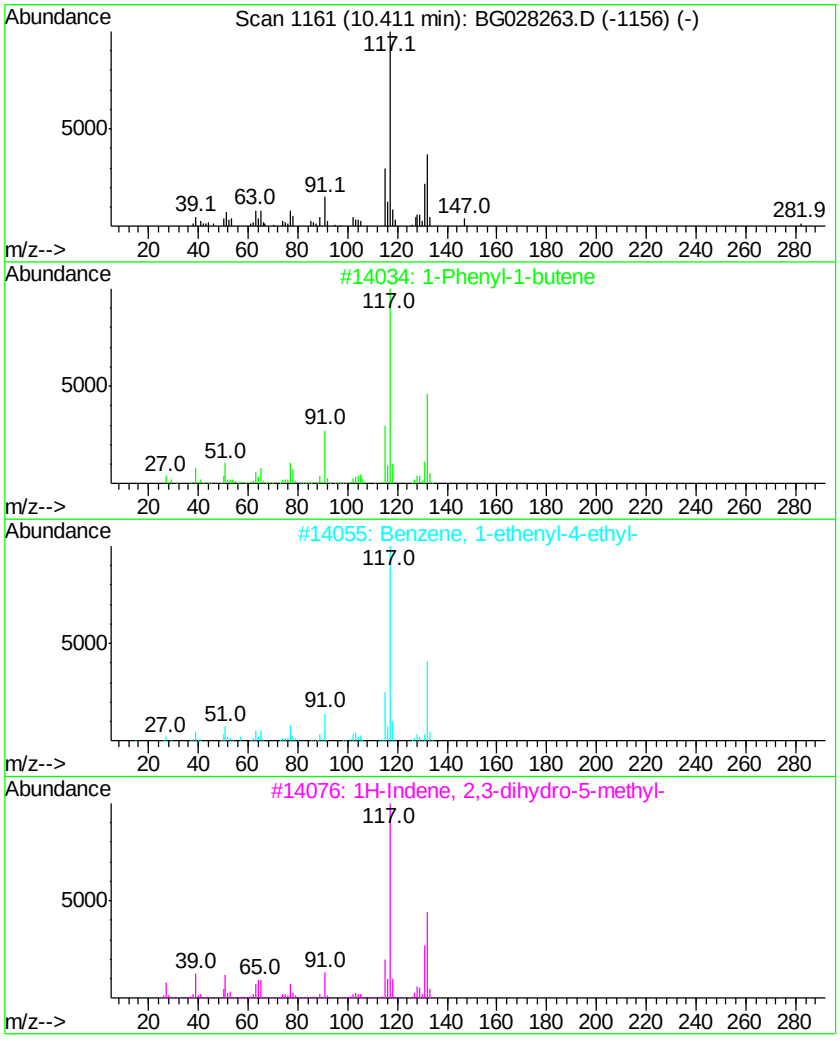
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

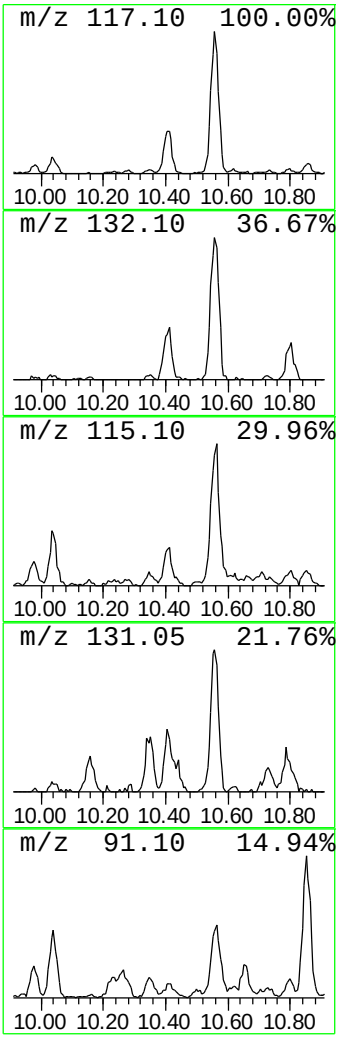
****

Peak Number 25 1-Phenyl-1-butene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	6.50 ng/ul	127126	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	95
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

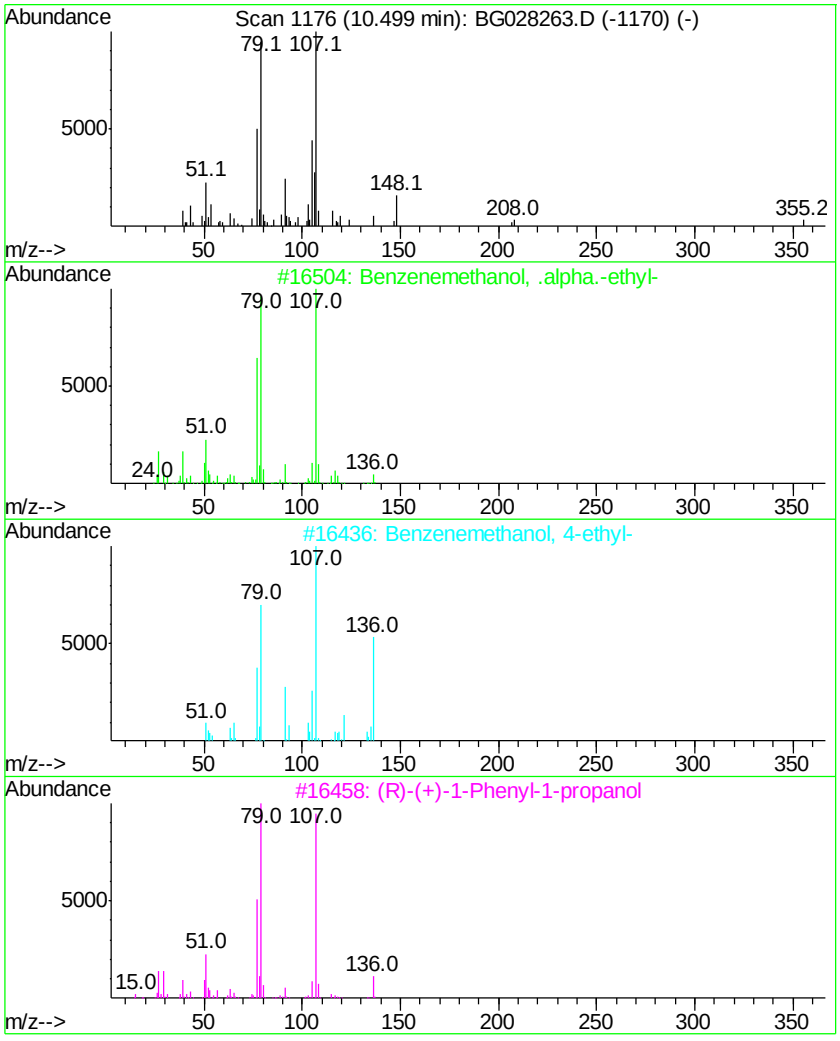
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

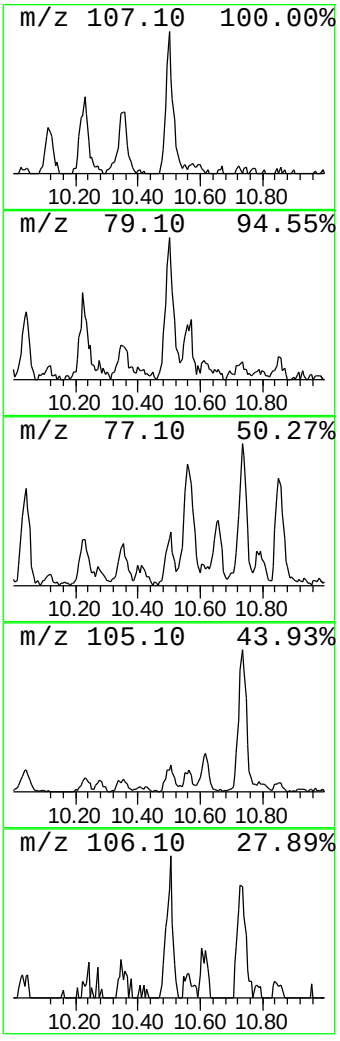
****

Peak Number 26 Benzenemethanol, .alpha.-et... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	3.73 ng/ul	72875	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.-ethyl-	136	C9H12O	000093-54-9	74
2	Benzenemethanol, 4-ethyl-	136	C9H12O	000768-59-2	72
3	(R)-(+)-1-Phenyl-1-propanol	136	C9H12O	001565-74-8	64
4	Benzeneacetic acid, .alpha.-hydr...	152	C8H8O3	000611-71-2	64
5	1,2-Ethanediol, 1-phenyl-	138	C8H10O2	000093-56-1	64





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

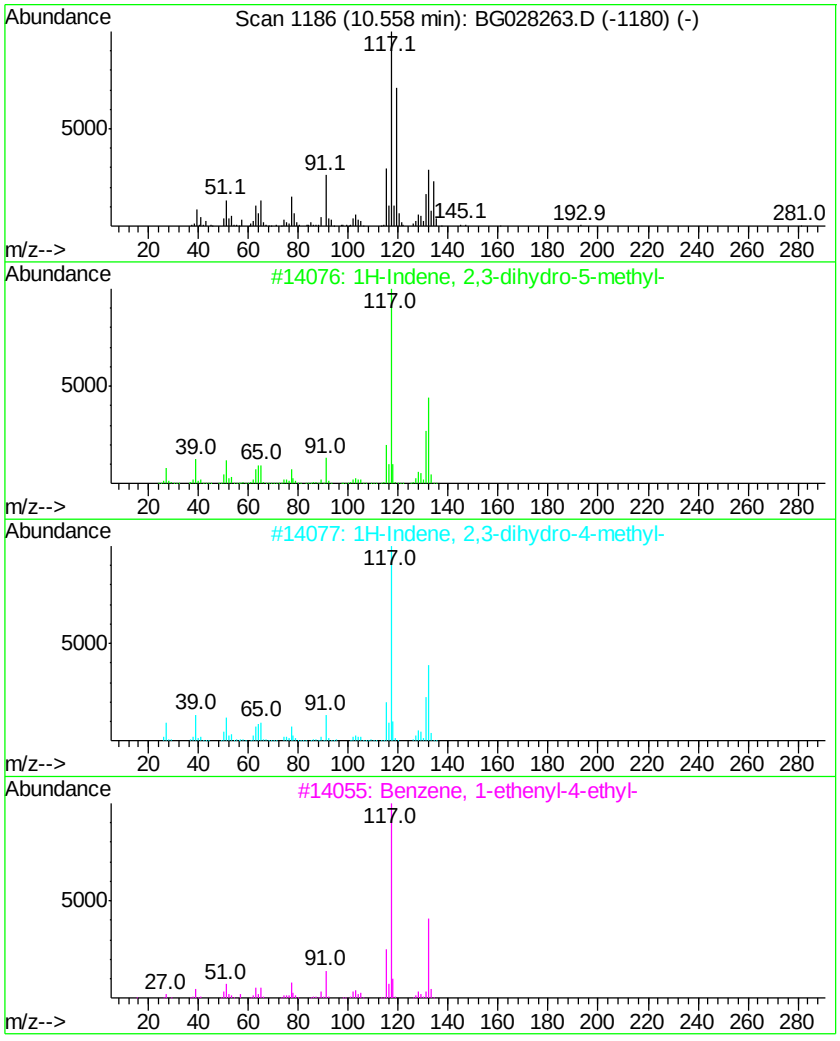
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

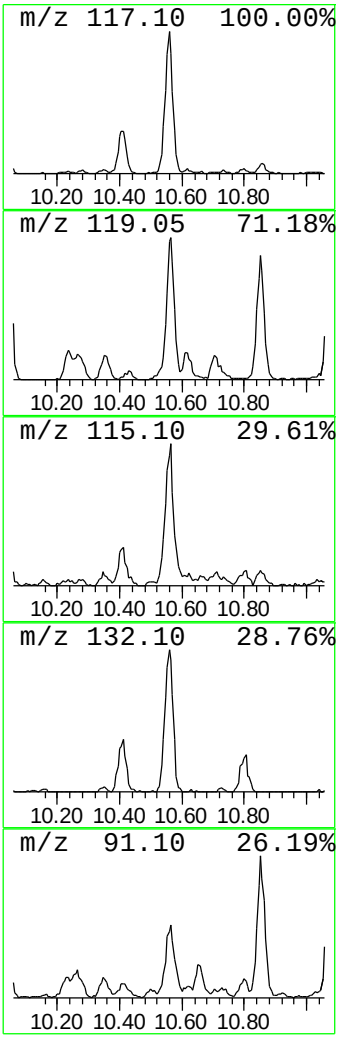
****

Peak Number 27 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	30.46 ng/ul	595623	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	62
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	62





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

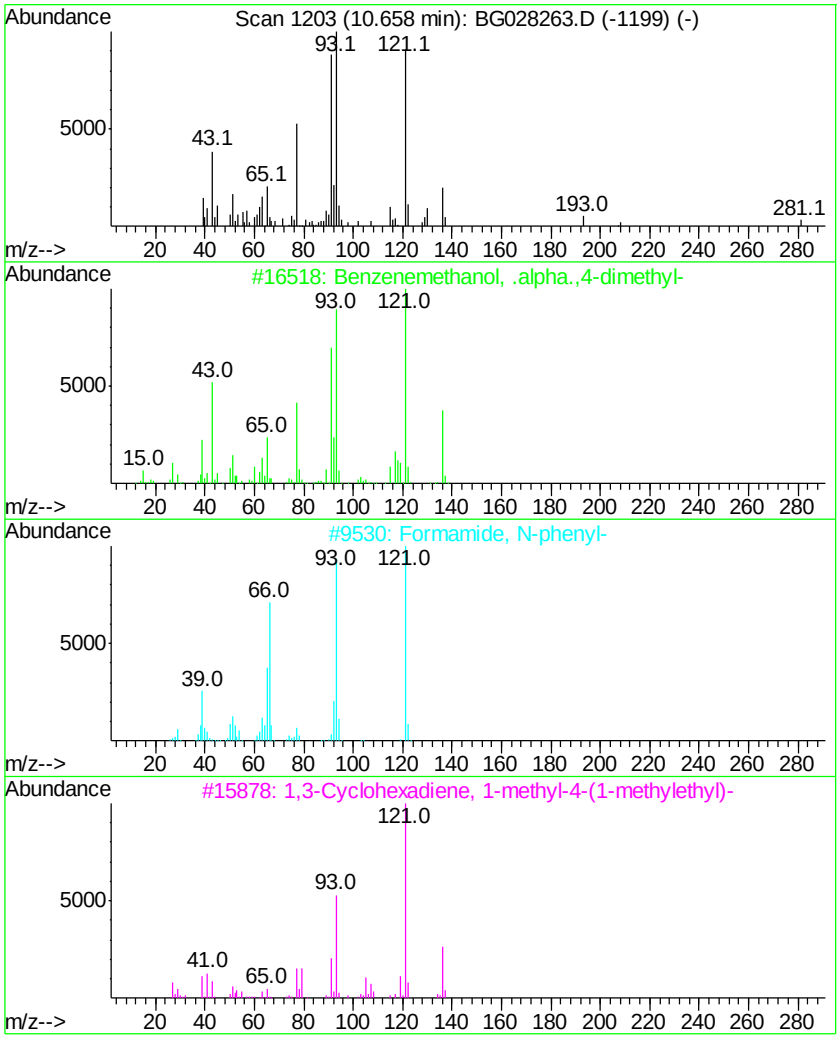
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

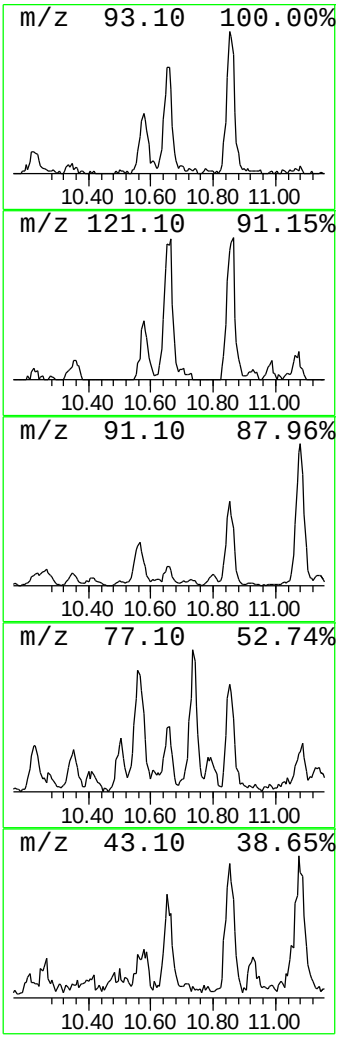
****

Peak Number 29 Benzenemethanol, .alpha.,4-... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	5.31 ng/ul	103761	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.,4-dimet...	136	C9H12O	000536-50-5	81
2	Formamide, N-phenyl-	121	C7H7NO	000103-70-8	58
3	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	53
4	4-(2-Hydroxymethyl-benzyloxy)-ph...	264	C16H12N2O2	1000295-96-7	53
5	Formamide, N-phenyl-	121	C7H7NO	000103-70-8	52





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

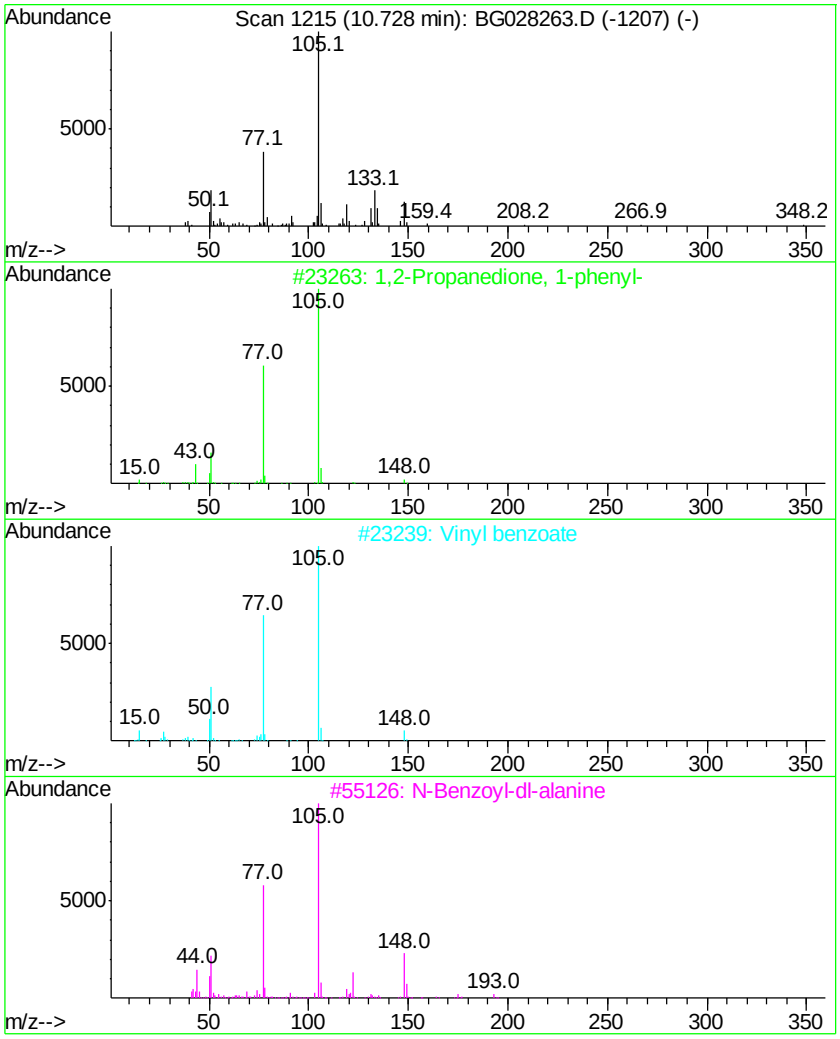
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

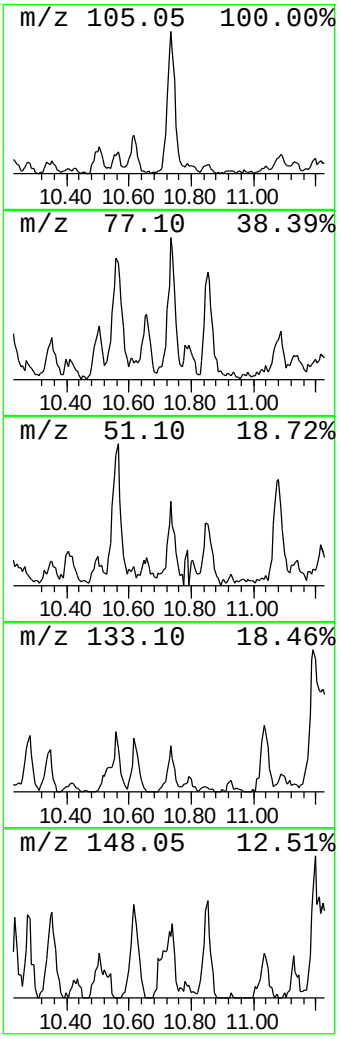
****

Peak Number 30 1,2-Propanedione, 1-phenyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	7.94 ng/ul	155302	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	58
2	Vinyl benzoate	148	C9H8O2	000769-78-8	53
3	N-Benzoyl-dl-alanine	193	C10H11NO3	001205-02-3	53
4	Isopropyl phenyl ketone	148	C10H12O	000611-70-1	52
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

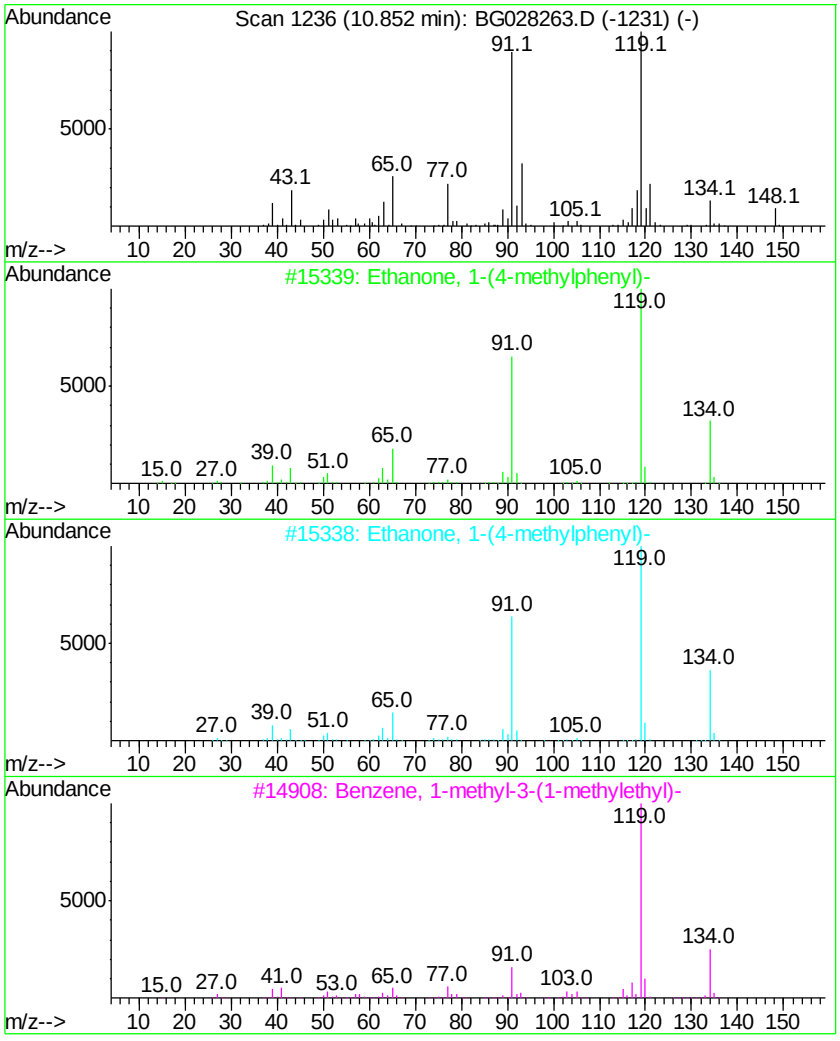
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

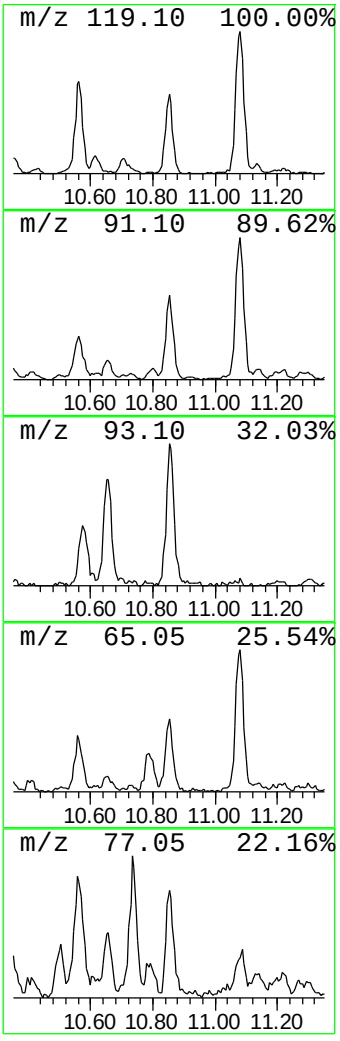
****

Peak Number 31 Ethanone, 1-(4-methylphenyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	17.51 ng/ul	342403	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	64
2	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	64
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	58
4	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
5	Pyridine, 5-ethenyl-2-methyl-	119	C8H9N	000140-76-1	58





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

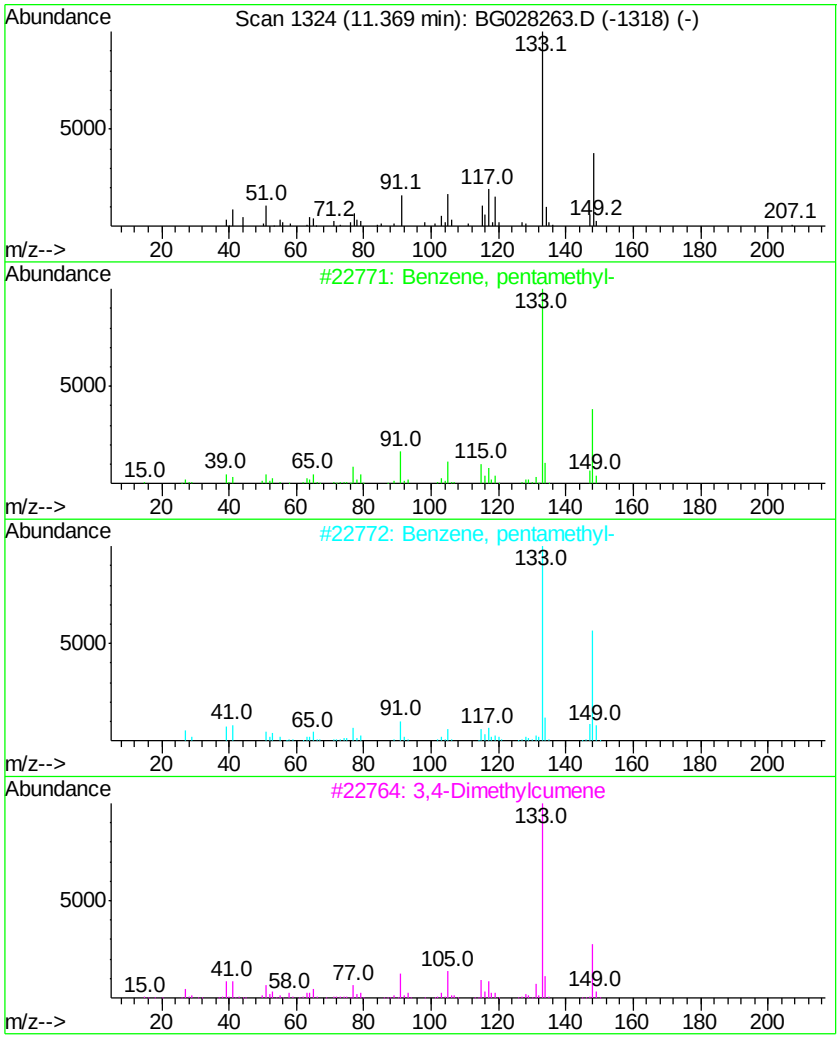
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

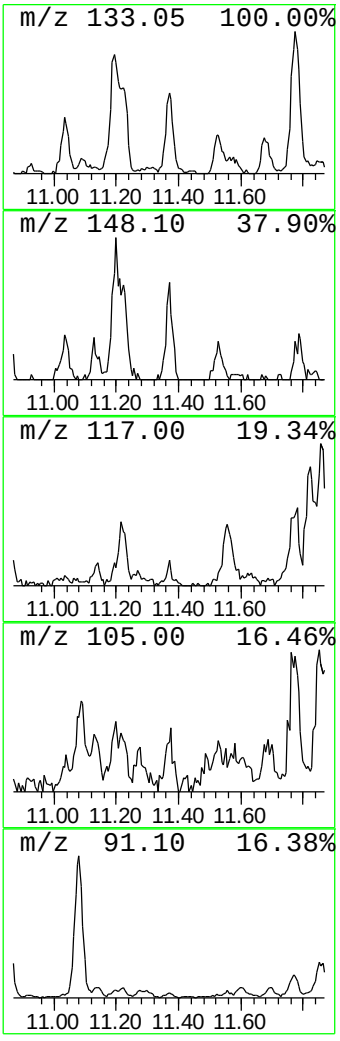
****

Peak Number 33 Benzene, pentamethyl- Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	2.77 ng/ul	54179	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	72
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	72
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	64





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

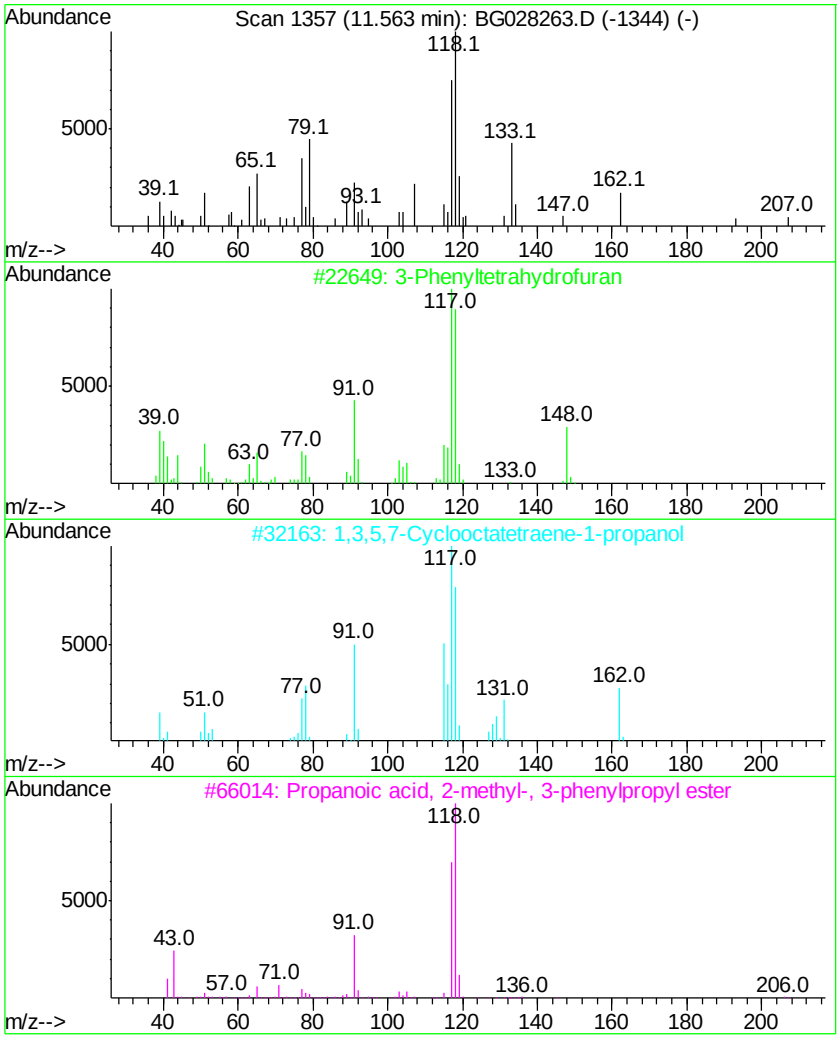
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

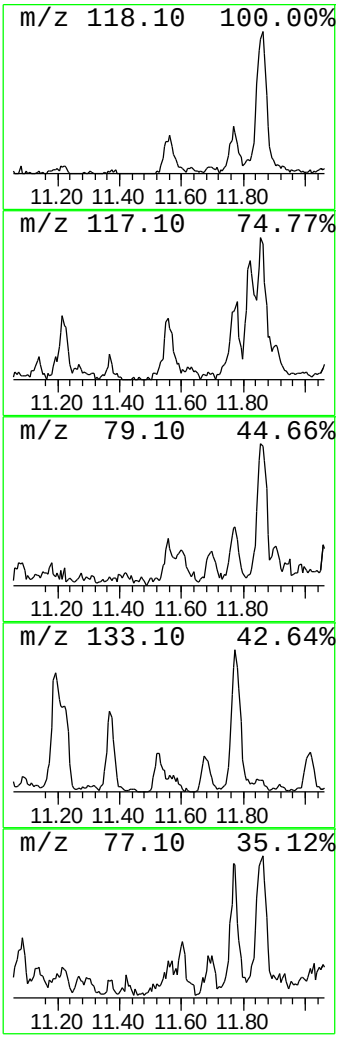
****

Peak Number 34 unknown-03 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	4.45 ng/ul	86978	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenyltetrahydrofuran	148	C10H12O	016766-63-5	47
2	1,3,5,7-Cyclooctatetraene-1-prop...	162	C11H14O	054365-73-0	47
3	Propanoic acid, 2-methyl-, 3-phe...	206	C13H18O2	000103-58-2	47
4	Acetic acid, chloro-, 3-phenylpr...	212	C11H13ClO2	064046-48-6	43
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	43





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

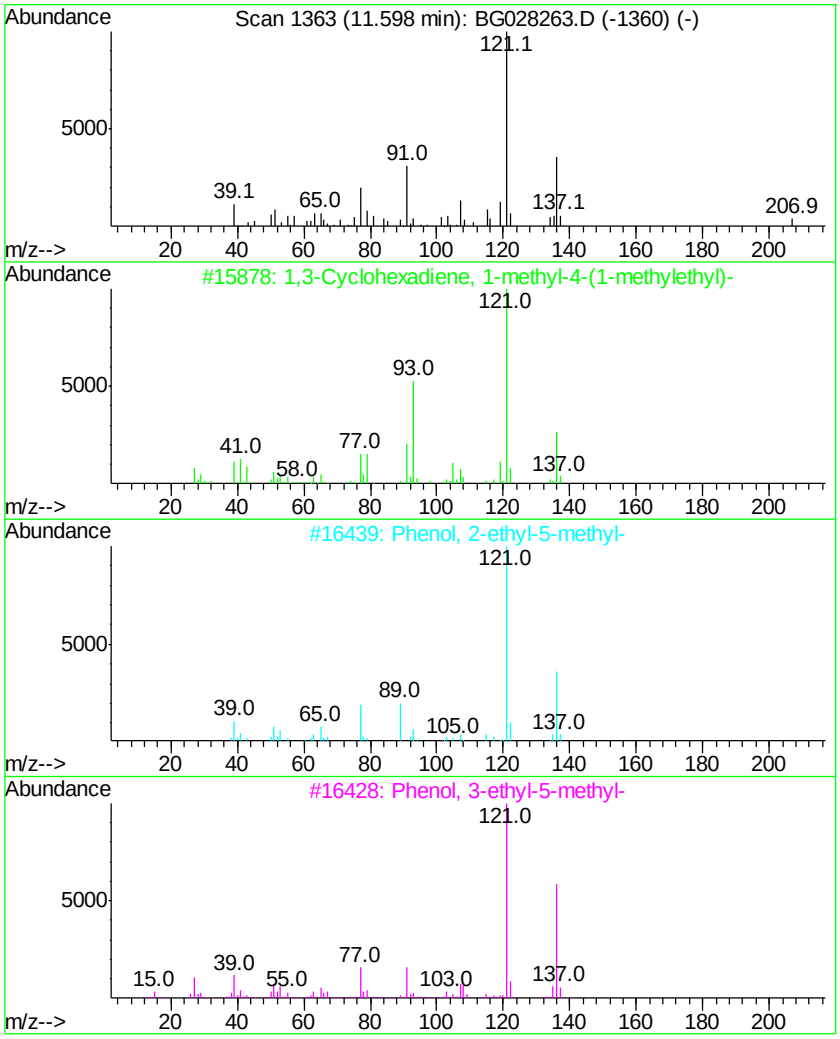
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

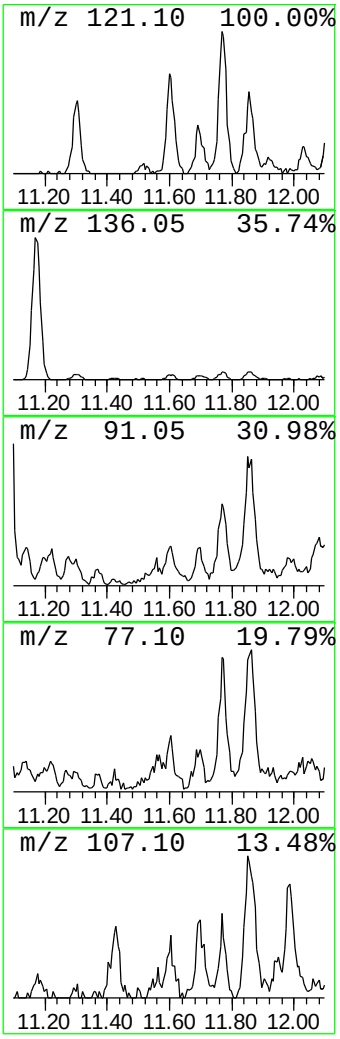
****

Peak Number 35 1,3-Cyclohexadiene, 1-methy... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	4.22 ng/ul	82455	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	86
2	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	72
3	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	72
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	72
5	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	72





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

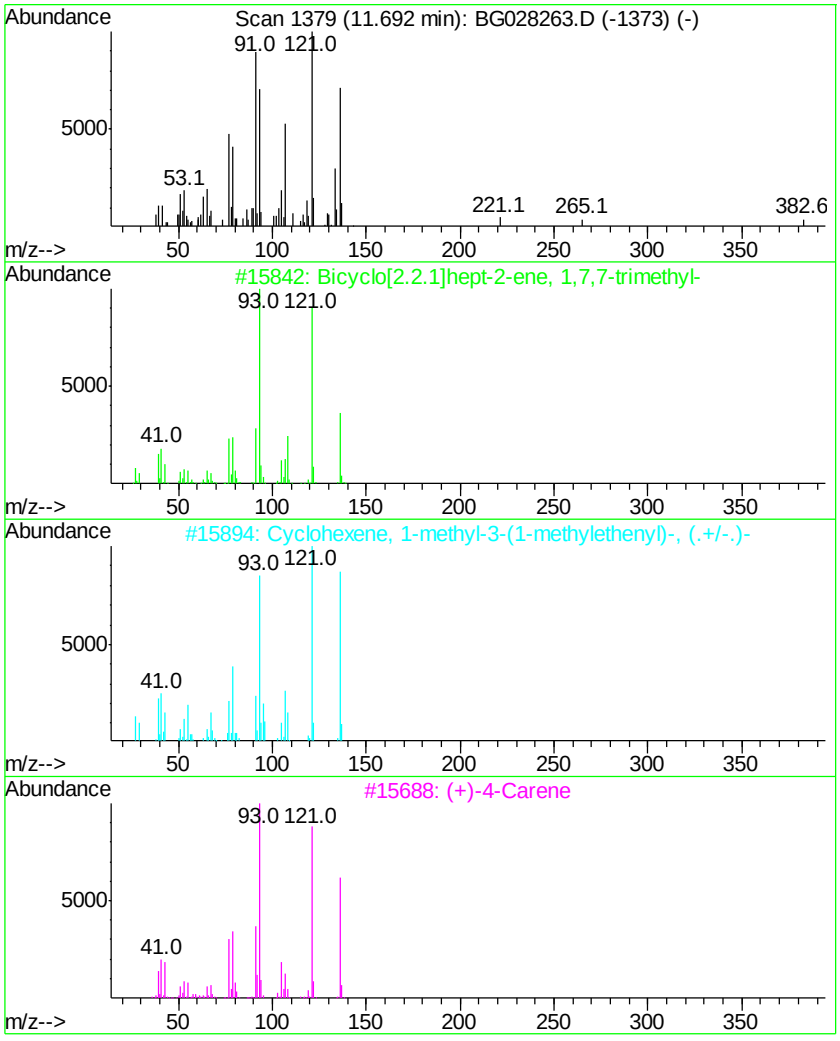
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

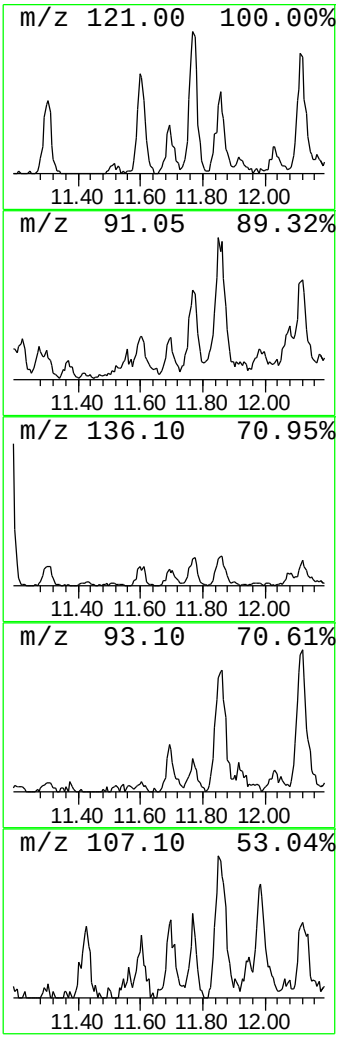
****

Peak Number 36 Bicyclo[2.2.1]hept-2-ene, 1... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	3.07 ng/ul	59959	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	81
2	Cyclohexene, 1-methyl-3-(1-methy...	136	C10H16	000499-03-6	76
3	(+)-4-Carene	136	C10H16	029050-33-7	70
4	Bicyclo[3.1.0]hexane, 6-isopropy...	136	C10H16	024524-57-0	68
5	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	64





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

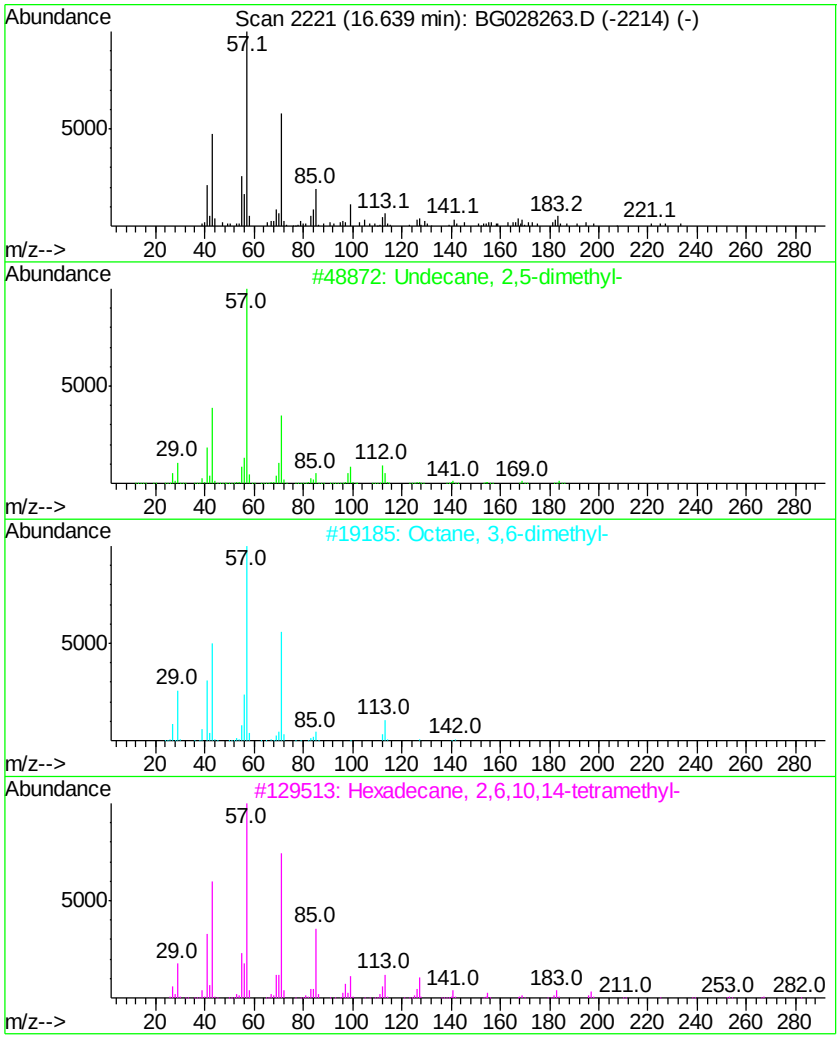
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

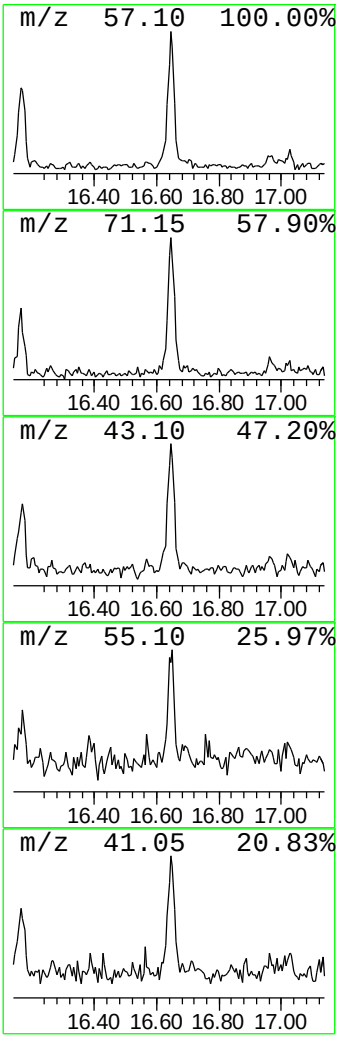
****

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	4.33 ng/ul	160113	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	72
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	70
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

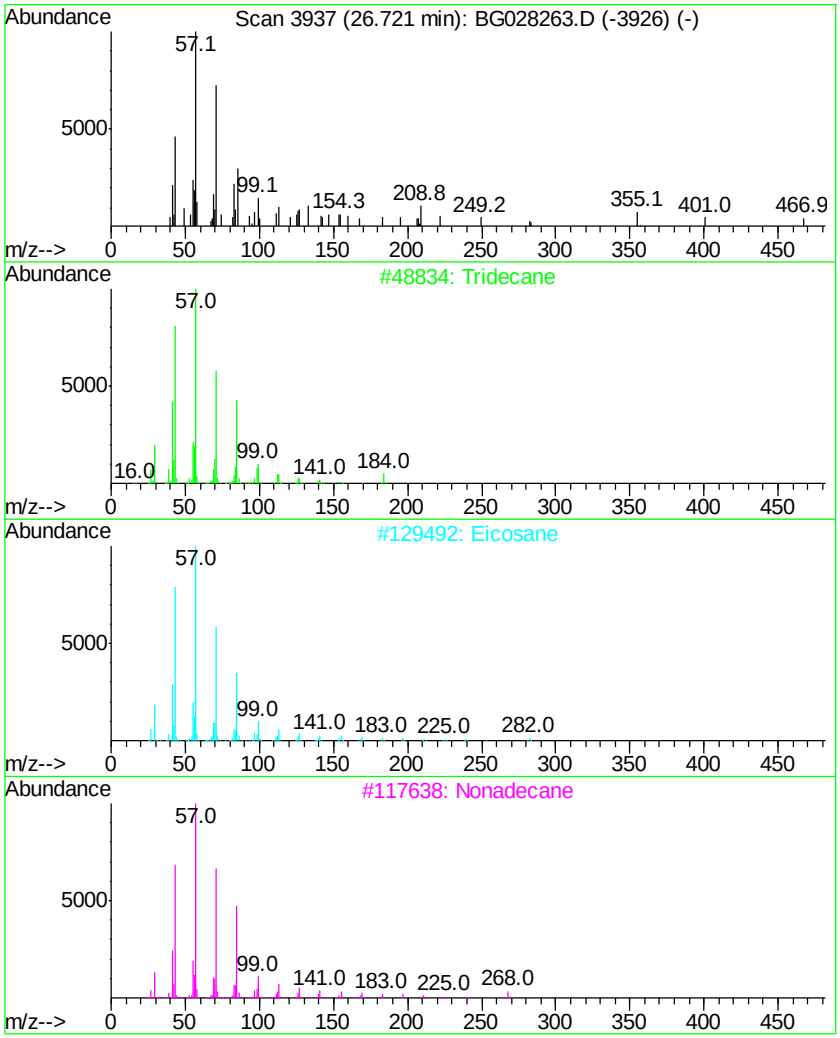
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

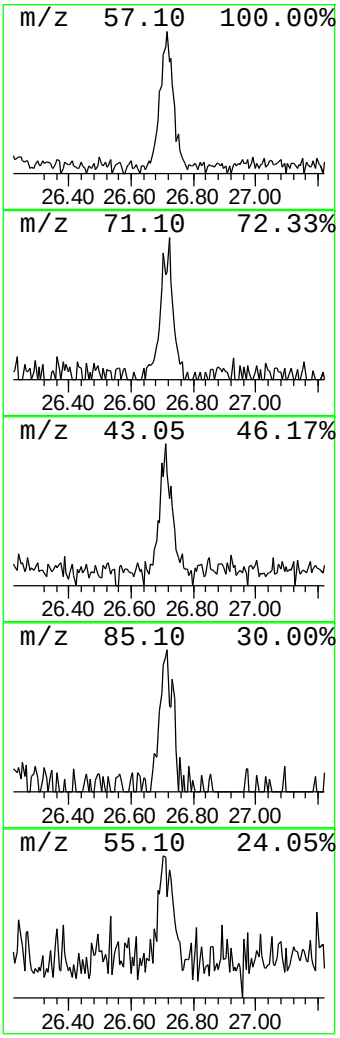
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.72	2.12 ng/ul	92772	Perylene-d12	25.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	64
2	Eicosane	282	C20H42	000112-95-8	53
3	Nonadecane	268	C19H40	000629-92-5	53
4	Heneicosane	296	C21H44	000629-94-7	53
5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081017\
Data File : BG028263.D
Acq On : 10 Aug 2017 18:04
Operator : SJ/JU
Sample : I4630-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	4.10	6.8	ng/ul	114288	1	8.35	338306	20.0
unknown-01	4.36	2.3	ng/ul	38137	1	8.35	338306	20.0
Ethylbenzene	5.88	4.3	ng/ul	73111	1	8.35	338306	20.0
Benzene, 1,3-dime...	6.02	57.2	ng/ul	966855	1	8.35	338306	20.0
Benzene, 1-ethyl-...	7.44	24.3	ng/ul	411606	1	8.35	338306	20.0
Benzene, 1,2,4-tr...	7.57	41.9	ng/ul	708404	1	8.35	338306	20.0
Mesitylene	7.74	40.0	ng/ul	676209	1	8.35	338306	20.0
Benzene, 1,2,3-tr...	8.00	83.5	ng/ul	1412820	1	8.35	338306	20.0
2-Cyclopenten-1-o...	8.62	4.4	ng/ul	73689	1	8.35	338306	20.0
Indane	8.73	12.4	ng/ul	210511	1	8.35	338306	20.0
Benzene, 1,3-diet...	8.84	12.6	ng/ul	213239	1	8.35	338306	20.0
Benzene, 1-methyl...	8.89	8.0	ng/ul	134669	1	8.35	338306	20.0
Benzene, 1,4-diet...	8.98	31.6	ng/ul	535186	1	8.35	338306	20.0
Benzene, 1-methyl...	9.15	15.3	ng/ul	258314	1	8.35	338306	20.0
Benzene, 4-ethyl-...	9.30	11.2	ng/ul	188569	1	8.35	338306	20.0
o-Cymene	9.35	13.7	ng/ul	231739	1	8.35	338306	20.0
Benzene, 1-ethyl-...	9.45	32.2	ng/ul	545278	1	8.35	338306	20.0
Benzene, 1,3-diet...	9.70	4.2	ng/ul	70255	1	8.35	338306	20.0
Benzene, 2-ethyl-...	9.79	8.4	ng/ul	163586	2	11.17	391038	20.0
Benzene, 1,2,4,5-...	9.98	9.3	ng/ul	181578	2	11.17	391038	20.0
unknown-02	10.35	6.4	ng/ul	124884	2	11.17	391038	20.0
1-Phenyl-1-butene	10.41	6.5	ng/ul	127126	2	11.17	391038	20.0
Benzenemethanol, ...	10.50	3.7	ng/ul	72875	2	11.17	391038	20.0
1H-Indene, 2,3-di...	10.56	30.5	ng/ul	595623	2	11.17	391038	20.0
Benzenemethanol, ...	10.66	5.3	ng/ul	103761	2	11.17	391038	20.0
1,2-Propanedione,...	10.73	7.9	ng/ul	155302	2	11.17	391038	20.0
Ethanone, 1-(4-me...	10.85	17.5	ng/ul	342403	2	11.17	391038	20.0
Benzene, pentamet...	11.37	2.8	ng/ul	54179	2	11.17	391038	20.0
unknown-03	11.56	4.5	ng/ul	86978	2	11.17	391038	20.0
1,3-Cyclohexadien...	11.60	4.2	ng/ul	82455	2	11.17	391038	20.0
Bicyclo[2.2.1]hep...	11.69	3.1	ng/ul	59959	2	11.17	391038	20.0
(DEL) Alkane: Str...	16.64	4.3	ng/ul	160113	4	17.71	739197	20.0
(DEL) Alkane: Str...	26.72	2.1	ng/ul	92772	6	25.53	873921	20.0