LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038032.D
Acq On : 16 Nov 2018 14:06
Operator : JU/SJ
Sample : J5965-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.435	19	25	28	rBV5	16937	37221	1.40%	0.143%
2	3.576	46	49	56	rVB2	19280	29886	1.13%	0.115%
3	3.711	67	72	74	rBV5	17566	27808	1.05%	0.107%
4	3.752	74	79	86	rVB	105304	172812	6.51%	0.663%
5	3.981	114	118	119	rBV2	32631	39670	1.50%	0.152%
6	4.016	120	124	129	rVV2	60446	114926	4.33%	0.441%
7	4.075	130	134	140	rVV	48962	82587	3.11%	0.317%
8	4.234	151	161	164	rBV2	39407	70353	2.65%	0.270%
9	4.269	164	167	174	rVB3	26483	40475	1.53%	0.155%
10	4.469	196	201	206	rBV3	15082	28030	1.06%	0.108%
11	4.533	207	212	216	rBV	58568	94830	3.57%	0.364%
12	4.727	234	245	250	rBV3	24496	57468	2.17%	0.221%
13	4.780	250	254	264	rVB7	14301	32102	1.21%	0.123%
14	5.027	289	296	300	rVV2	23538	45370	1.71%	0.174%
15	5.168	315	320	323	rBV2	18638	32681	1.23%	0.125%
16	5.209	323	327	331	rVV	37114	61104	2.30%	0.235%
17	5.262	331	336	342	rVV2	39501	78119	2.94%	0.300%
18	5.568	379	388	393	rBV	409880	680382	25.65%	2.612%
19	5.626	393	398	405	rVV	310191	515316	19.42%	1.978%
20	5.697	405	410	420	rVB	24091	59511	2.24%	0.228%
21	6.549	545	555	570	rVB	105897	202303	7.63%	0.777%
22	7.048	633	640	646	rBV	179159	309761	11.68%	1.189%
23	7.230	661	671	679	rBV2	221413	430641	16.23%	1.653%
24	7.459	704	710	719	rBV	96230	169482	6.39%	0.651%
25	7.612	729	736	743	rBV	578724	1031680	38.89%	3.961%
26	7.712	749	753	759	rVB	20671	35669	1.34%	0.137%
27	7.941	787	792	794	rBV	24350	40522	1.53%	0.156%
28	7.971	794	797	802	rVB	37832	59028	2.23%	0.227%
29	8.088	809	817	824	rBV2	165713	317176	11.96%	1.218%
30	8.194	829	835	843	rVB2	42470	91190	3.44%	0.350%
31	8.311	849	855	860	rBV2	42373	93033	3.51%	0.357%
32	8.411	864	872	875	rVV	507654	956578	36.06%	3.672%
33	8.458	875	880	888	rVB	747208	1340579	50.53%	5.147%
34	8.564	891	898	904	rVB	275133	460098	17.34%	1.766%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038032.D
Acq On : 16 Nov 2018 14:06
Operator : JU/SJ
Sample : J5965-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.717	915	924	929	rBV2	189471	354371	13.36%	1.360%
36	8.764	929	932	942	rVB2	70081	114263	4.31%	0.439%
37	8.881	946	952	956	rBV	40551	68372	2.58%	0.262%
38	9.028	968	977	981	rBV2	62440	152450	5.75%	0.585%
39	9.087	982	987	989	rVV4	70949	147163	5.55%	0.565%
40	9.116	990	992	996	rVV3	76441	133831	5.04%	0.514%
41	9.181	997	1003	1010	rVV3	323276	663952	25.03%	2.549%
42	9.269	1010	1018	1027	rVV2	737757	1431805	53.97%	5.497%
43	9.357	1028	1033	1037	rVV4	15882	35936	1.35%	0.138%
44	9.434	1039	1046	1055	rVB7	29615	78824	2.97%	0.303%
45	9.522	1055	1061	1074	rVB7	31233	89023	3.36%	0.342%
46	9.710	1086	1093	1098	rVV	301626	532249	20.06%	2.043%
47	9.769	1098	1103	1110	rVB	84313	140246	5.29%	0.538%
48	9.886	1114	1123	1130	rBV6	32993	78910	2.97%	0.303%
49	9.962	1130	1136	1141	rBV2	32981	55172	2.08%	0.212%
50	10.080	1149	1156	1160	rBV4	32123	65916	2.48%	0.253%
51	10.139	1160	1166	1176	rVB	227858	459129	17.31%	1.763%
52	10.286	1185	1191	1198	rVV	308200	605542	22.83%	2.325%
53	10.344	1199	1201	1205	rVB2	29900	39168	1.48%	0.150%
54	10.462	1218	1221	1226	rVB5	23004	38439	1.45%	0.148%
55	10.526	1226	1232	1237	rVV	38172	75559	2.85%	0.290%
56	10.579	1237	1241	1248	rVB	28016	48039	1.81%	0.184%
57	10.756	1262	1271	1276	rBV7	19127	48293	1.82%	0.185%
58	10.867	1282	1290	1292	rBV2	64074	141432	5.33%	0.543%
59	10.908	1292	1297	1301	rVV2	248720	521428	19.65%	2.002%
60	10.955	1301	1305	1311	rVV	235522	449728	16.95%	1.727%
61	11.002	1311	1313	1322	rVB2	37127	59547	2.24%	0.229%
62	11.096	1322	1329	1335	rBV	30986	56681	2.14%	0.218%
63	11.361	1368	1374	1380	rVB4	16257	31055	1.17%	0.119%
64	11.478	1389	1394	1399	rBV4	21237	48609	1.83%	0.187%
65	11.555	1402	1407	1419	rVB2	42128	92710	3.49%	0.356%
66	11.807	1441	1450	1456	rVB	53027	104323	3.93%	0.401%
67	12.001	1475	1483	1492	rVV4	28013	81214	3.06%	0.312%
68	12.083	1492	1497	1508	rVB5	23591	64127	2.42%	0.246%
69	12.207	1511	1518	1524	rVB	43975	73668	2.78%	0.283%
70	12.277	1524	1530	1539	rBV3	51241	114191	4.30%	0.438%
71	12.448	1553	1559	1565	rBV3	41783	80261	3.03%	0.308%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038032.D
Acq On : 16 Nov 2018 14:06
Operator : JU/SJ
Sample : J5965-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.553	1572	1577	1583	rVB	42868	69494	2.62%	0.267%
73	12.771	1605	1614	1622	rBV2	163605	337126	12.71%	1.294%
74	12.853	1623	1628	1637	rVB9	25671	59804	2.25%	0.230%
75	13.065	1658	1664	1669	rVB6	15295	30072	1.13%	0.115%
76	13.182	1680	1684	1693	rVB7	19317	40001	1.51%	0.154%
77	13.341	1701	1711	1719	rBV	1264629	2050867	77.31%	7.874%
78	13.535	1737	1744	1748	rBV8	14807	32339	1.22%	0.124%
79	13.693	1766	1771	1779	rVB4	18844	46249	1.74%	0.178%
80	14.040	1824	1830	1835	rBV5	17669	41412	1.56%	0.159%
81	14.322	1873	1878	1886	rVB10	13713	30080	1.13%	0.115%
82	14.440	1893	1898	1903	rBV6	15287	28087	1.06%	0.108%
83	14.722	1935	1946	1955	rBV2	405408	715878	26.98%	2.748%
84	14.892	1969	1975	1987	rVB5	54120	113300	4.27%	0.435%
85	15.197	2021	2027	2035	rBV	33664	75469	2.84%	0.290%
86	15.338	2045	2051	2056	rVB4	18203	30571	1.15%	0.117%
87	15.603	2091	2096	2104	rVB4	34365	72285	2.72%	0.278%
88	16.208	2192	2199	2210	rBV3	899219	1455067	54.85%	5.586%
89	17.471	2406	2414	2421	rBV	448082	730970	27.55%	2.806%
90	18.323	2555	2559	2565	rBV2	49927	76353	2.88%	0.293%
91	18.388	2566	2570	2578	rVB	24158	40600	1.53%	0.156%
92	19.592	2771	2775	2784	rBV3	49591	85334	3.22%	0.328%
93	20.068	2850	2856	2862	rBV	2056962	2652929	100.00%	10.185%
94	21.754	3135	3143	3151	rBV2	444309	804831	30.34%	3.090%
95	22.518	3268	3273	3283	rVB2	25089	45678	1.72%	0.175%
96	23.229	3386	3394	3400	rBV3	32603	71176	2.68%	0.273%
97	24.046	3526	3533	3541	rVB	39946	98032	3.70%	0.376%
98	25.074	3691	3708	3722	rVB2	264887	880247	33.18%	3.379%
99	26.179	3884	3896	3904	rBV6	22530	75633	2.85%	0.290%
100	27.571	4121	4133	4144	rBV10	10973	43259	1.63%	0.166%

Sum of corrected areas: 26047160

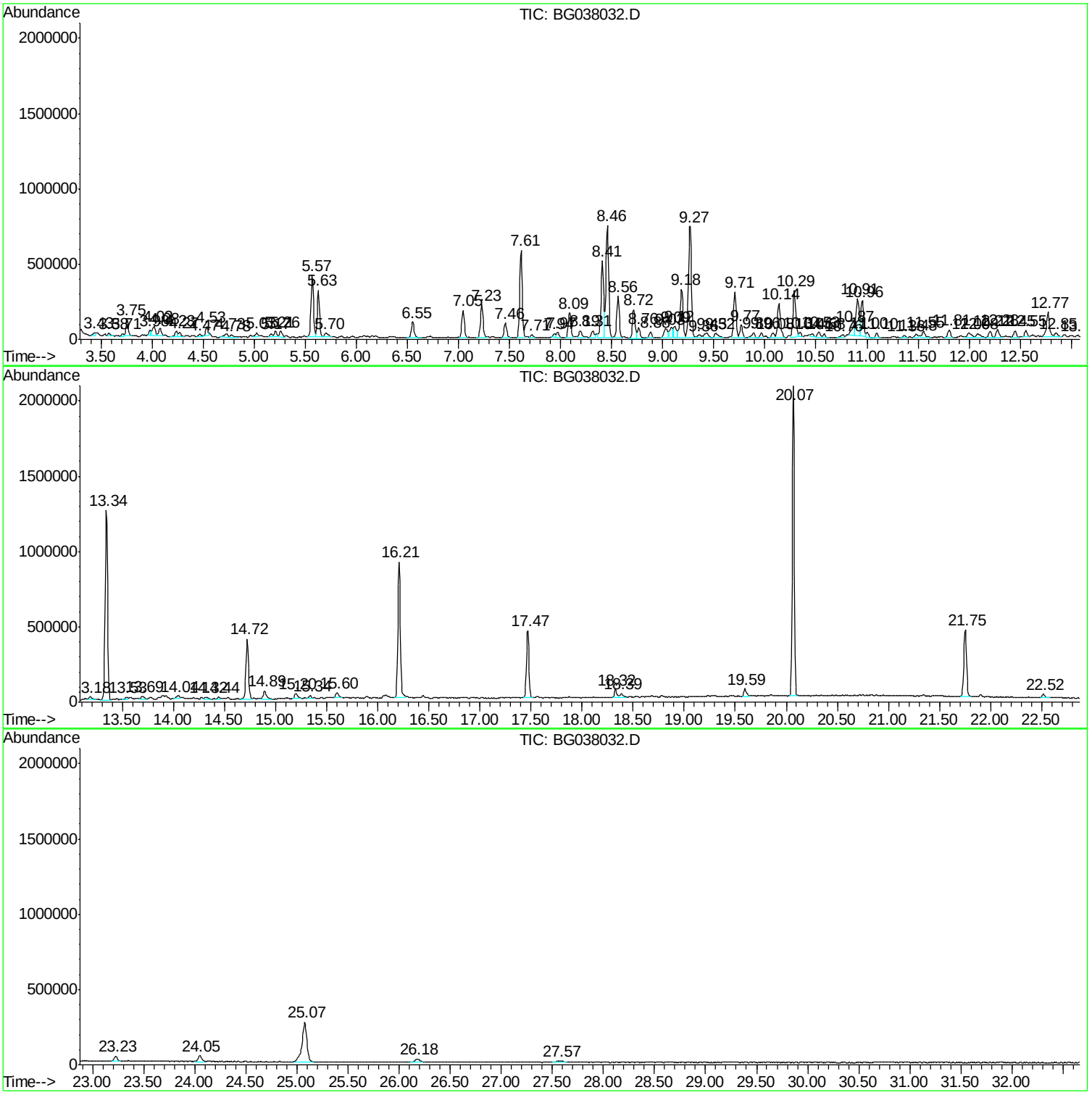
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038032.D
Acq On : 16 Nov 2018 14:06
Operator : JU/SJ
Sample : J5965-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038032.D
Acq On : 16 Nov 2018 14:06
Operator : JU/SJ
Sample : J5965-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

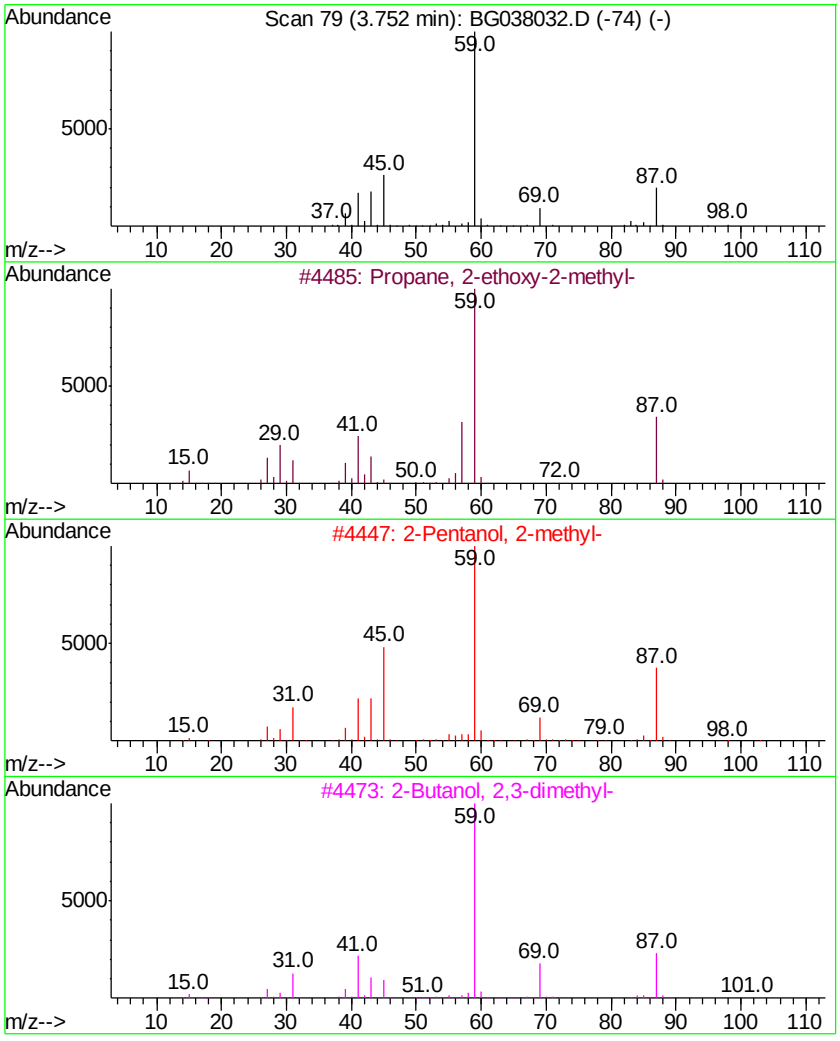
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

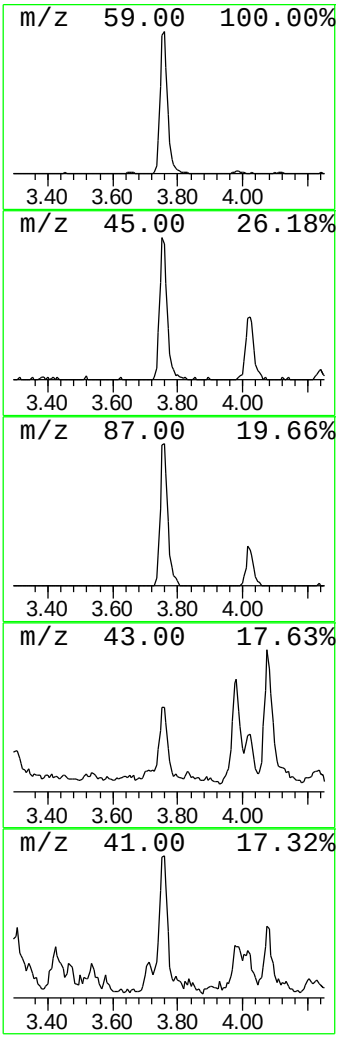
****

Peak Number 1 Propane, 2-ethoxy-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	10.90 ng	172812	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	59
2	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	53
3	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	45
4	Propane, 1,2-dimethoxy-	104	C5H12O2	007778-85-0	36
5	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038032.D
Acq On : 16 Nov 2018 14:06
Operator : JU/SJ
Sample : J5965-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

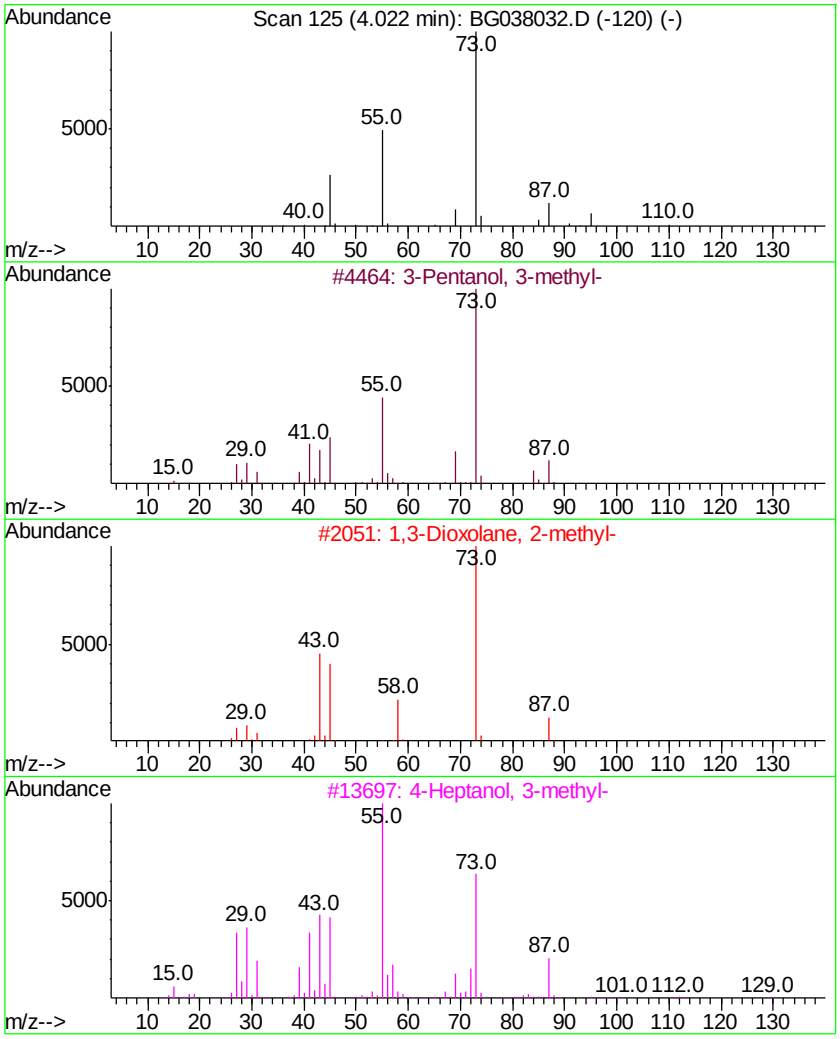
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

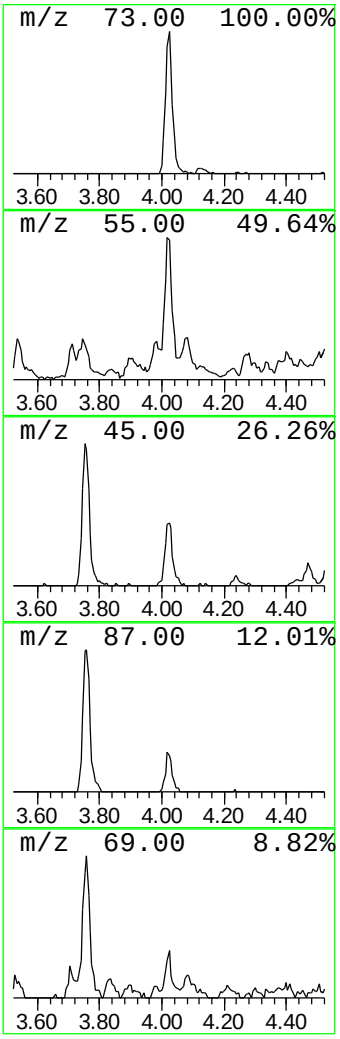
****

Peak Number 2 3-Pentanol, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	7.25 ng	114926	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	50
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	40
3	4-Heptanol, 3-methyl-	130	C8H18O	001838-73-9	39
4	2-(3-Chloropropyl)-1,3-dioxolane	150	C6H11ClO2	016686-11-6	38
5	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038032.D
Acq On : 16 Nov 2018 14:06
Operator : JU/SJ
Sample : J5965-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

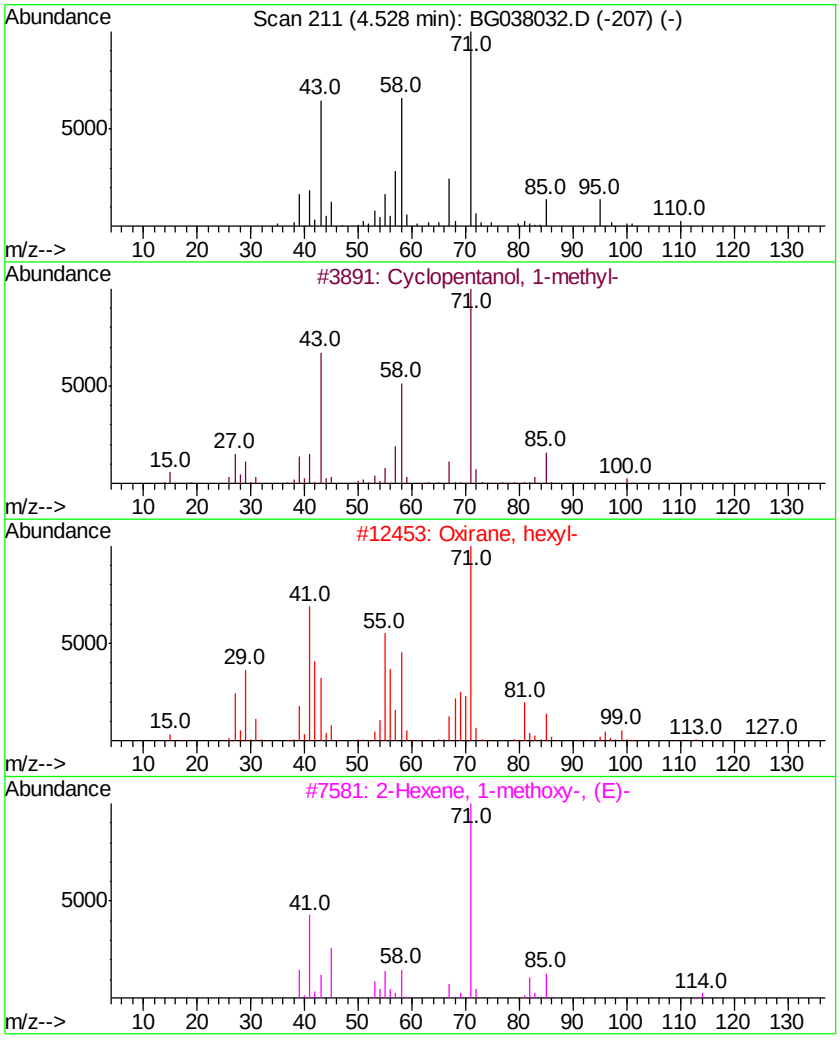
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

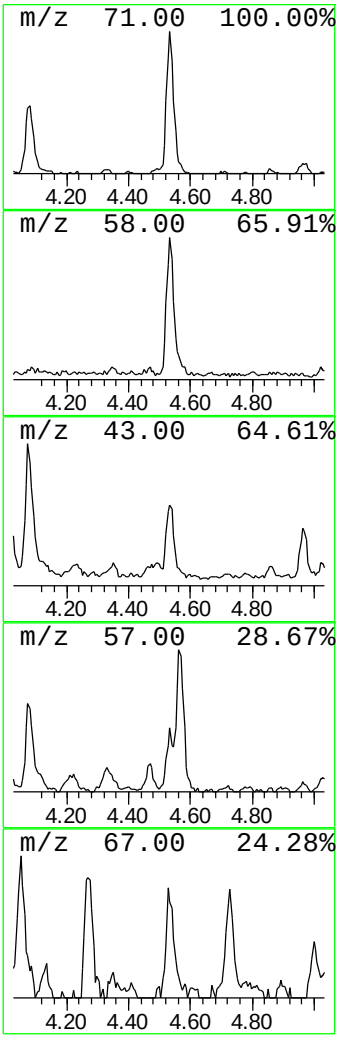
****

Peak Number 3 Cyclopentanol, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	5.98 ng	94830	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	64
2	Oxirane, hexyl-	128	C8H16O	002984-50-1	50
3	2-Hexene, 1-methoxy-, (E)-	114	C7H14O	056052-83-6	47
4	2-Furanmethanamine, tetrahydro-	101	C5H11NO	004795-29-3	43
5	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038032.D
Acq On : 16 Nov 2018 14:06
Operator : JU/SJ
Sample : J5965-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

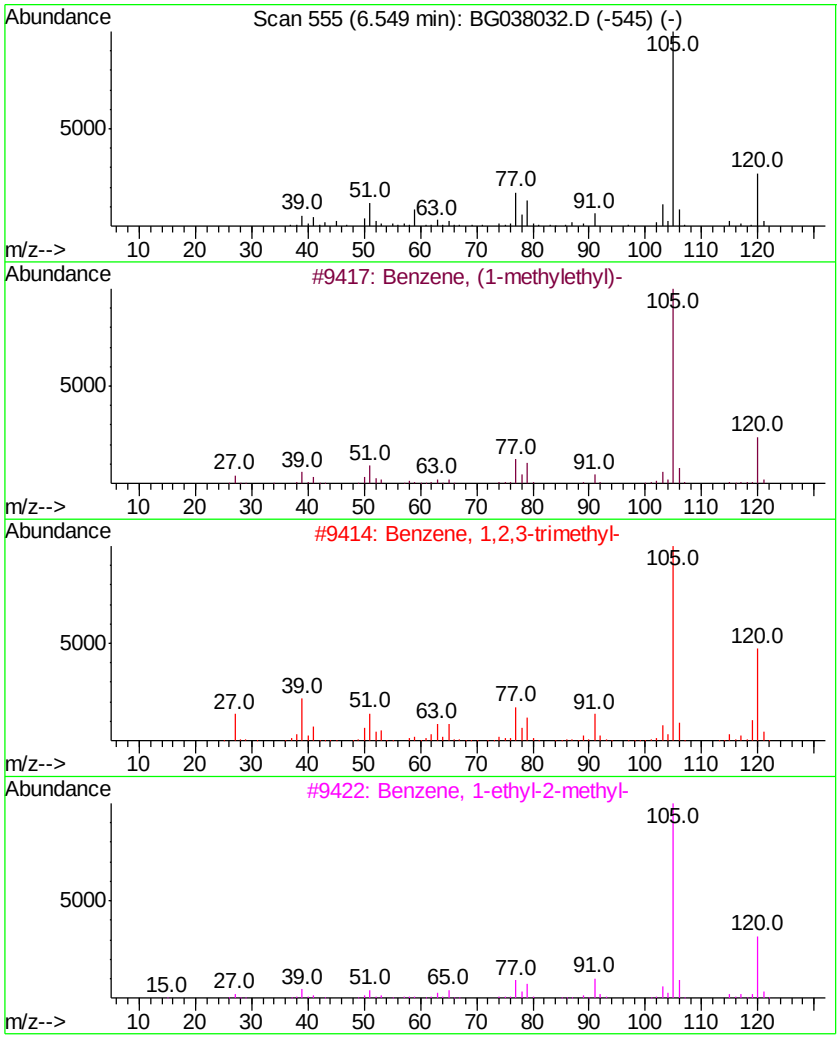
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

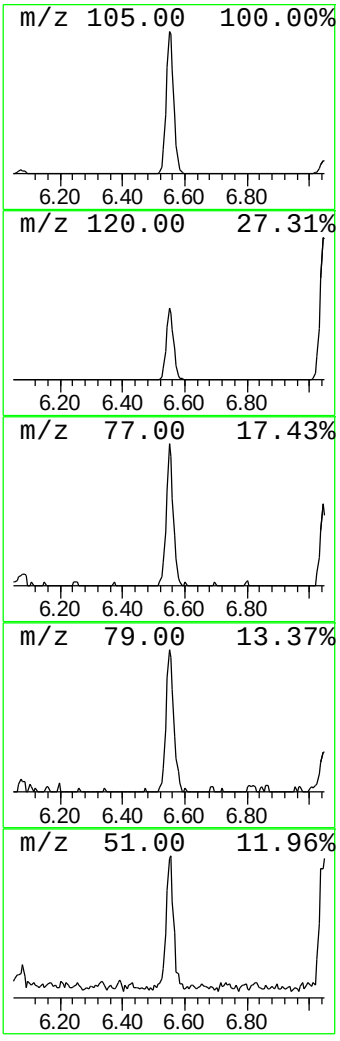
****

Peak Number 5 Benzene, (1-methylethyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	12.76 ng	202303	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	72
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	72
5	Mesitylene	120	C9H12	000108-67-8	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038032.D
Acq On : 16 Nov 2018 14:06
Operator : JU/SJ
Sample : J5965-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

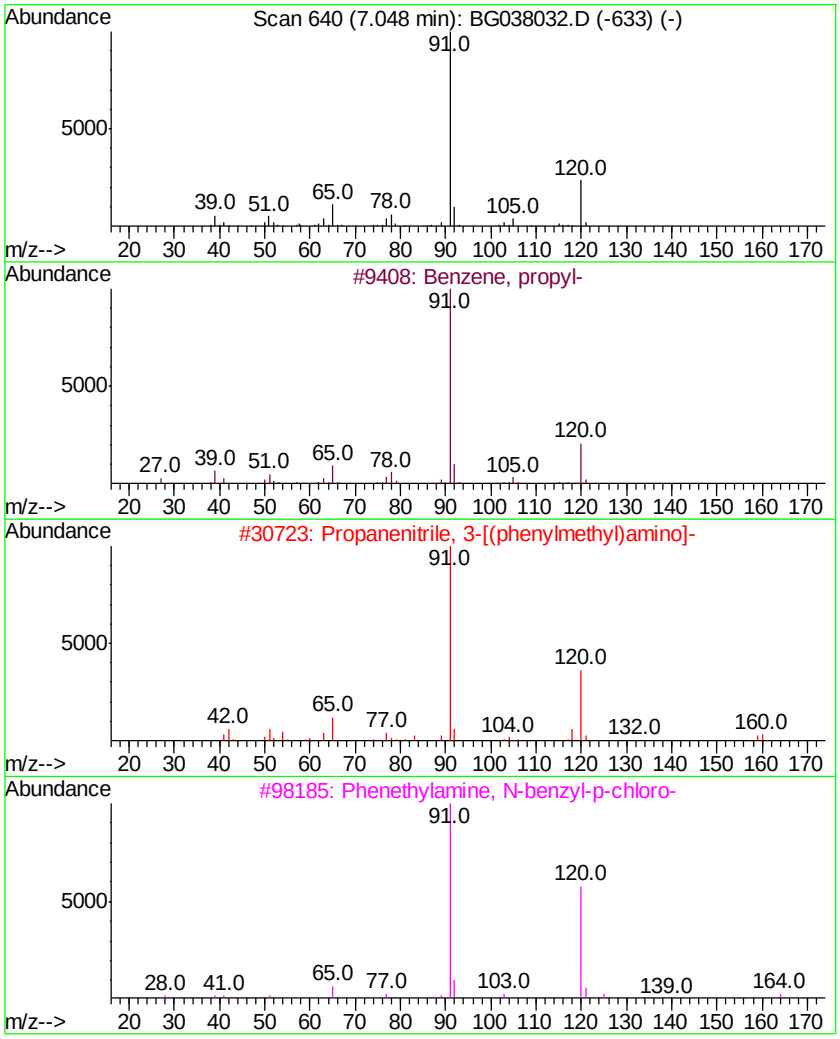
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

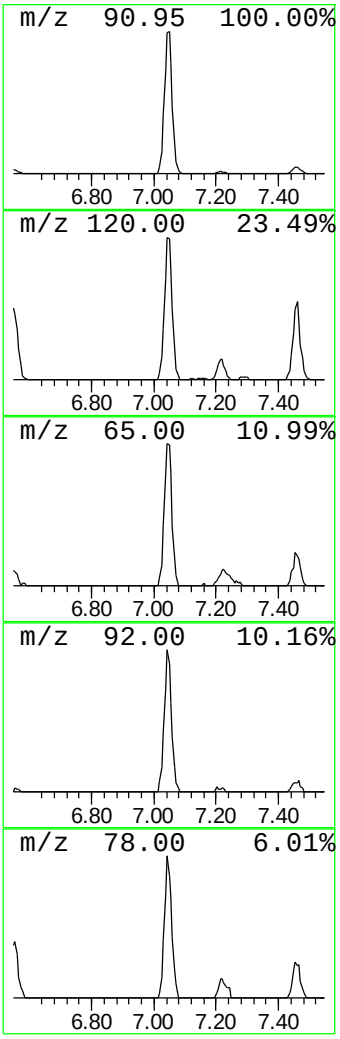
****

Peak Number 6 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	19.53 ng	309761	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	72
3	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038032.D
Acq On : 16 Nov 2018 14:06
Operator : JU/SJ
Sample : J5965-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

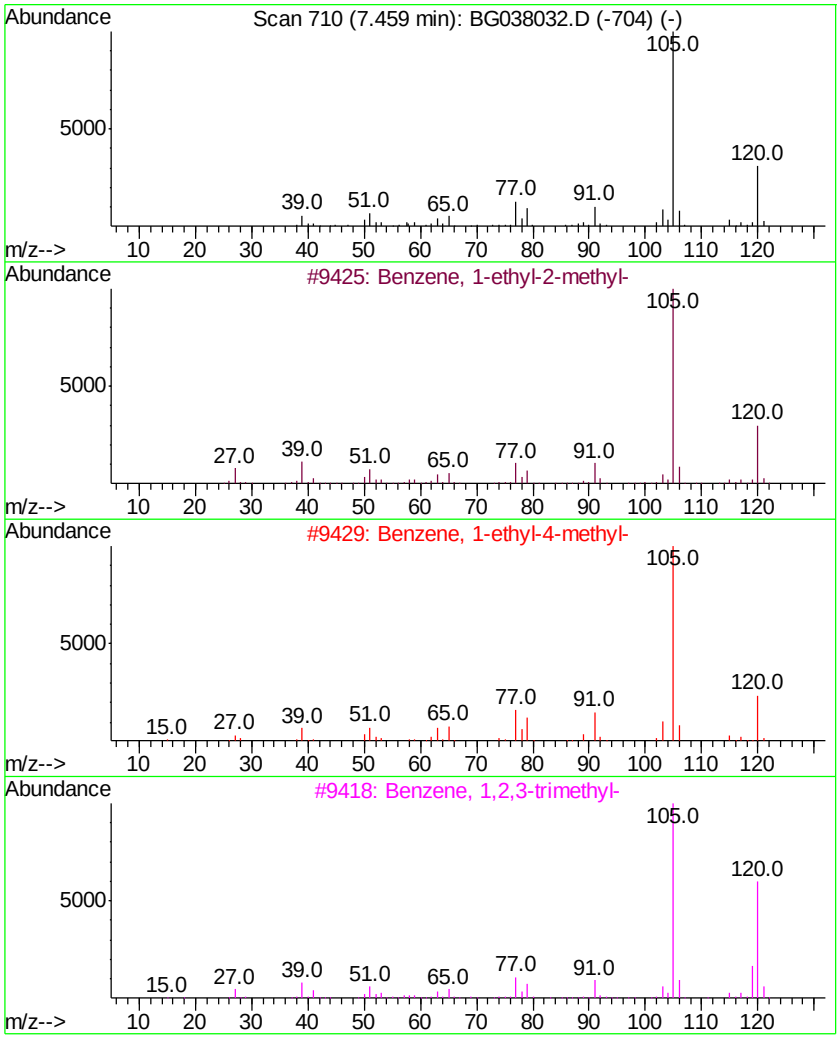
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

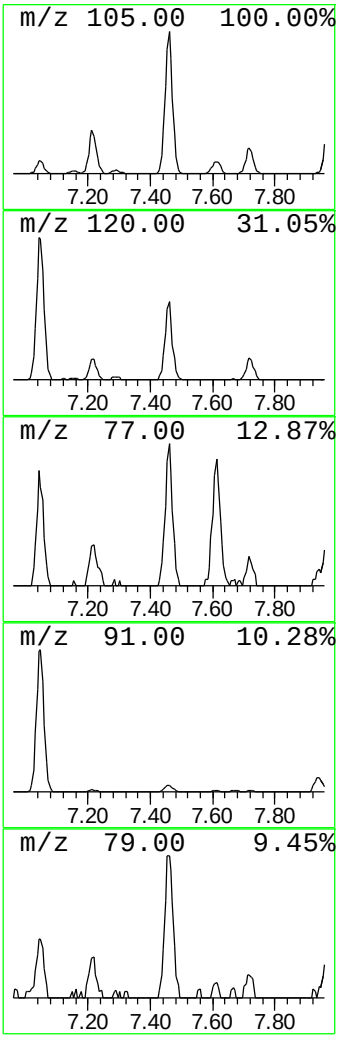
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	10.69 ng	169482	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038032.D
Acq On : 16 Nov 2018 14:06
Operator : JU/SJ
Sample : J5965-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

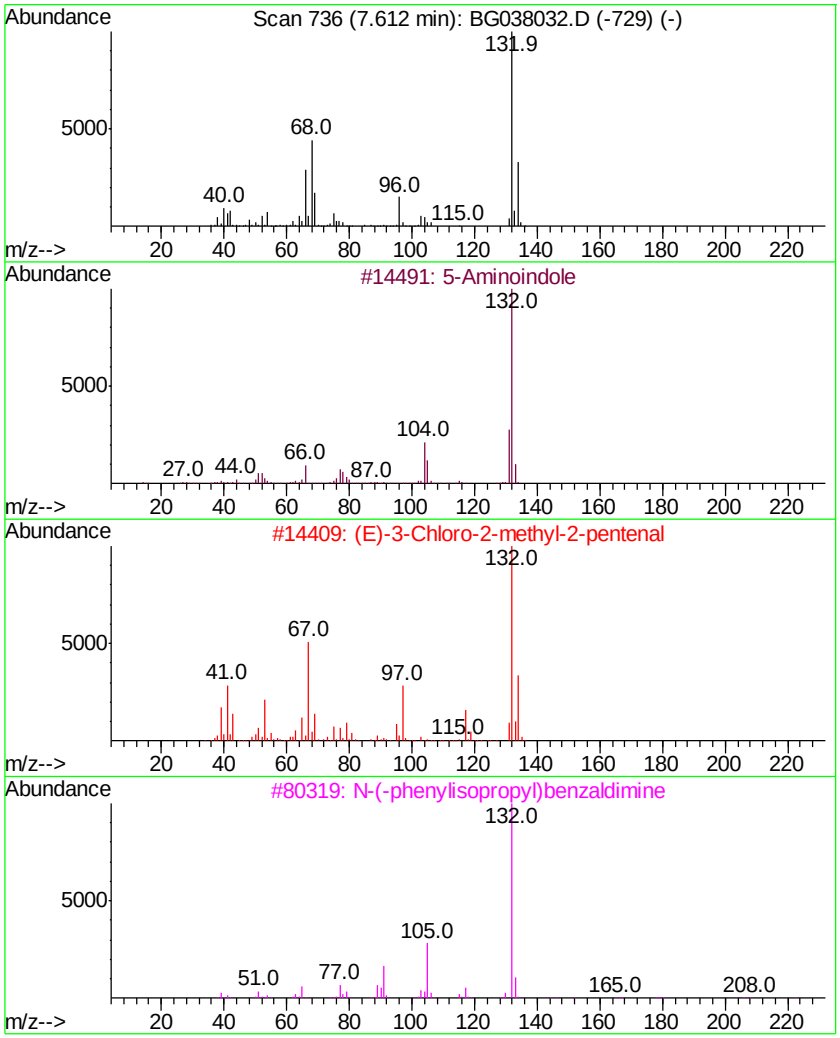
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

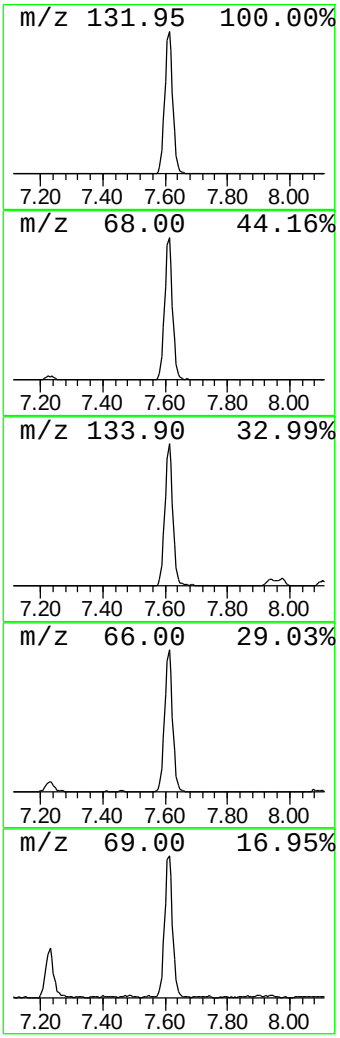
****

Peak Number 8 unknown7.61 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	65.05 ng	1031680	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	22
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	N-(-phenylisopropyl)benzaldimine	223	C16H17N	1000379-01-3	10
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038032.D
Acq On : 16 Nov 2018 14:06
Operator : JU/SJ
Sample : J5965-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

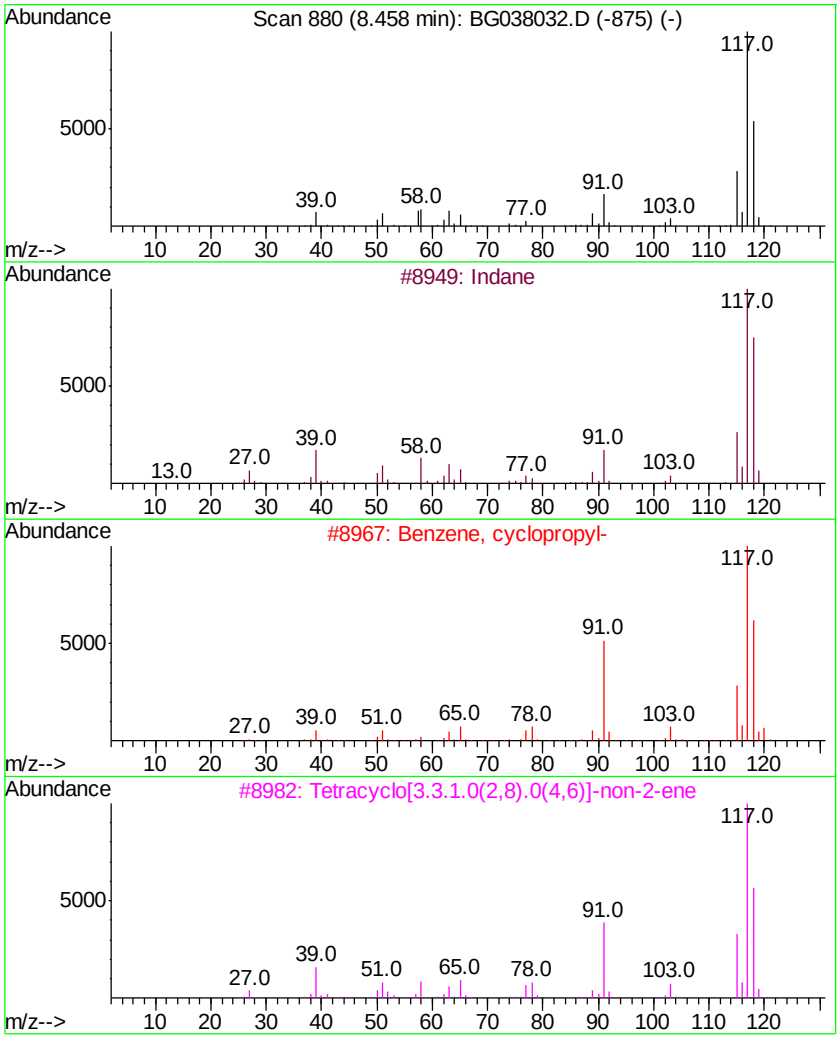
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

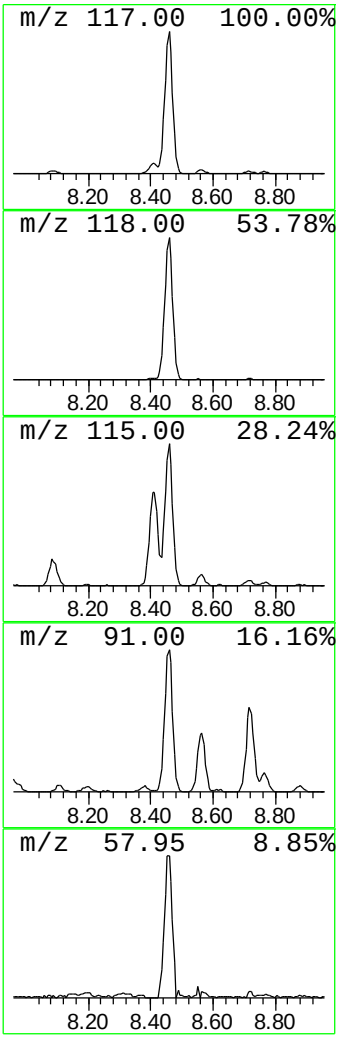
****

Peak Number 10 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	84.53 ng	1340580	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	96
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	80
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038032.D
Acq On : 16 Nov 2018 14:06
Operator : JU/SJ
Sample : J5965-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

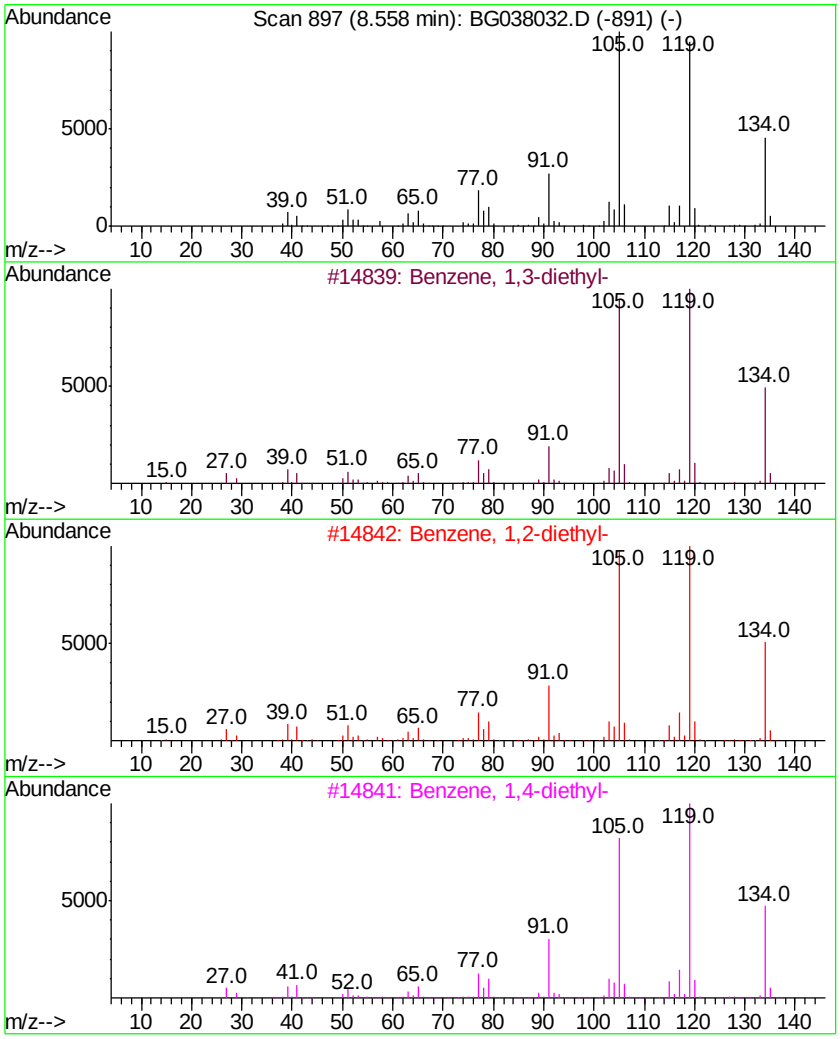
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

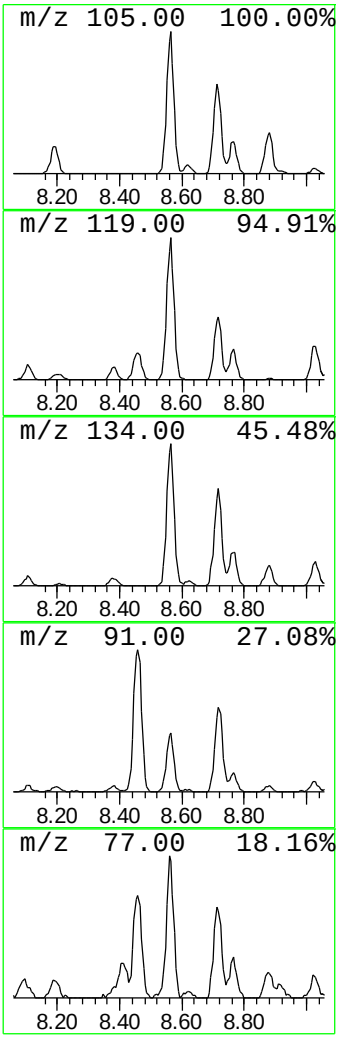
****

Peak Number 11 Benzene, 1,3-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	29.01 ng	460098	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038032.D
Acq On : 16 Nov 2018 14:06
Operator : JU/SJ
Sample : J5965-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

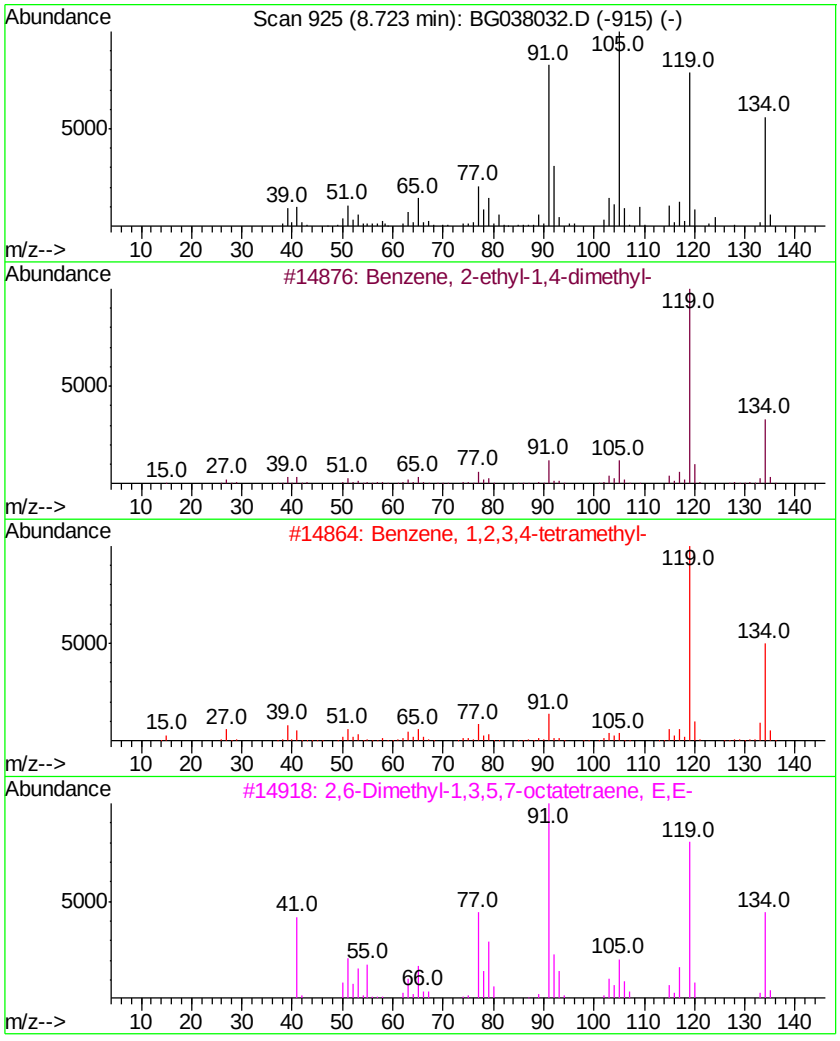
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

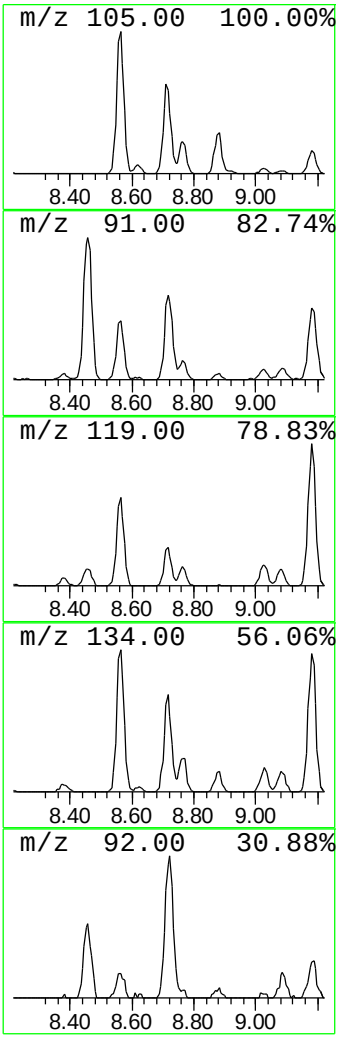
****

Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	22.35 ng	354371	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	80
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
3	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	76
4	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	76
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038032.D
Acq On : 16 Nov 2018 14:06
Operator : JU/SJ
Sample : J5965-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

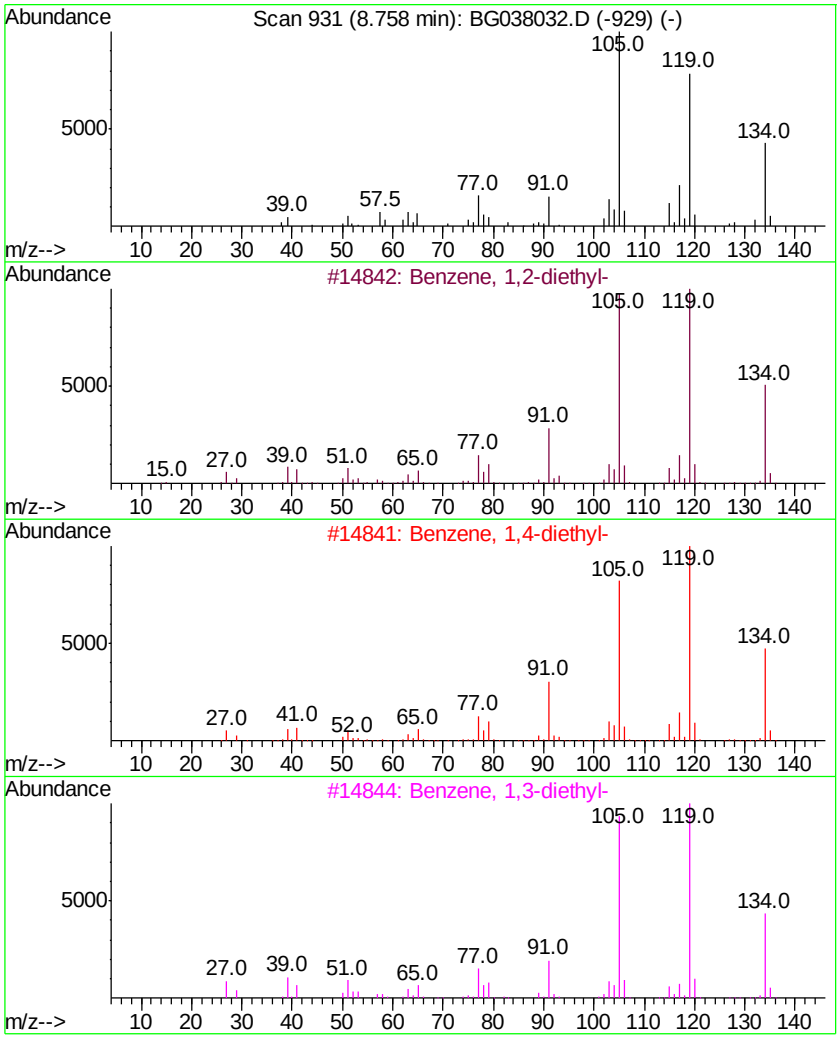
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

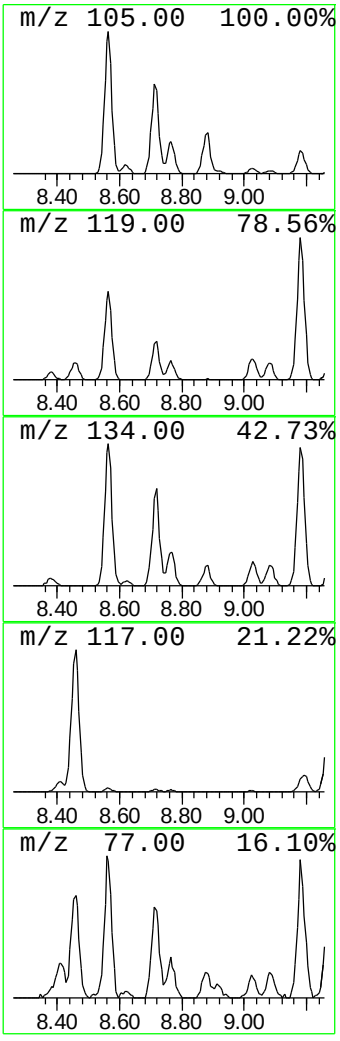
****

Peak Number 13 Benzene, 1,2-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	7.21 ng	114263	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	83
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038032.D
Acq On : 16 Nov 2018 14:06
Operator : JU/SJ
Sample : J5965-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

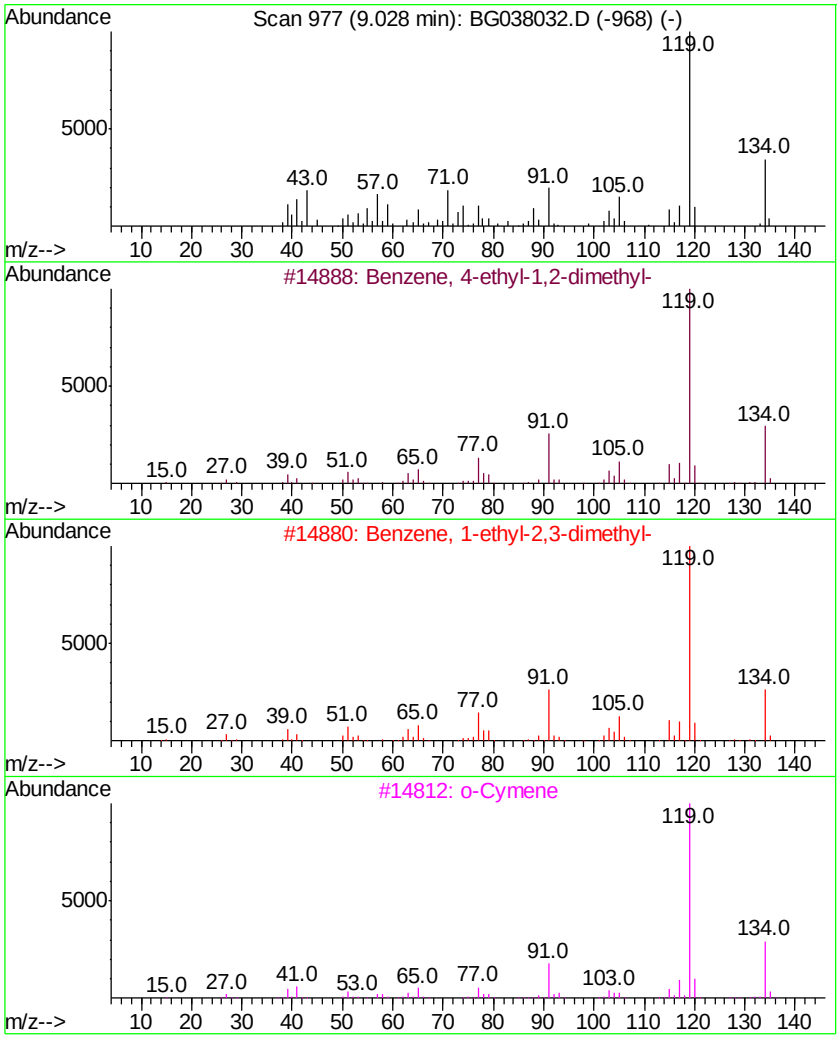
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

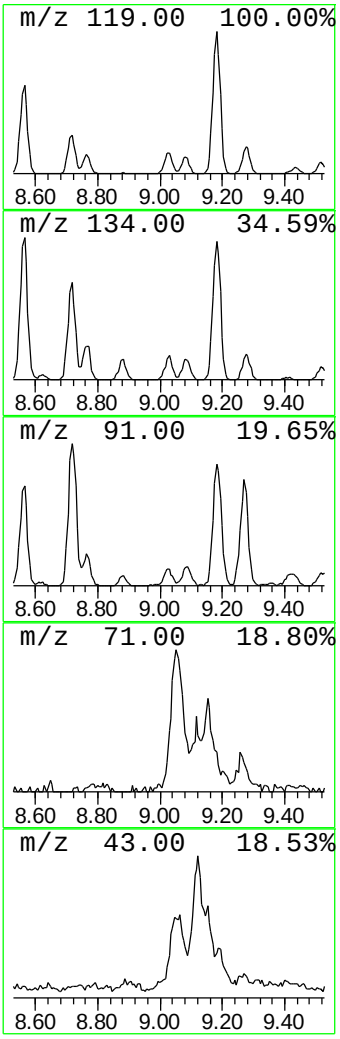
****

Peak Number 14 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	9.61 ng	152450	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3	o-Cymene	134	C10H14	000527-84-4	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038032.D
Acq On : 16 Nov 2018 14:06
Operator : JU/SJ
Sample : J5965-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

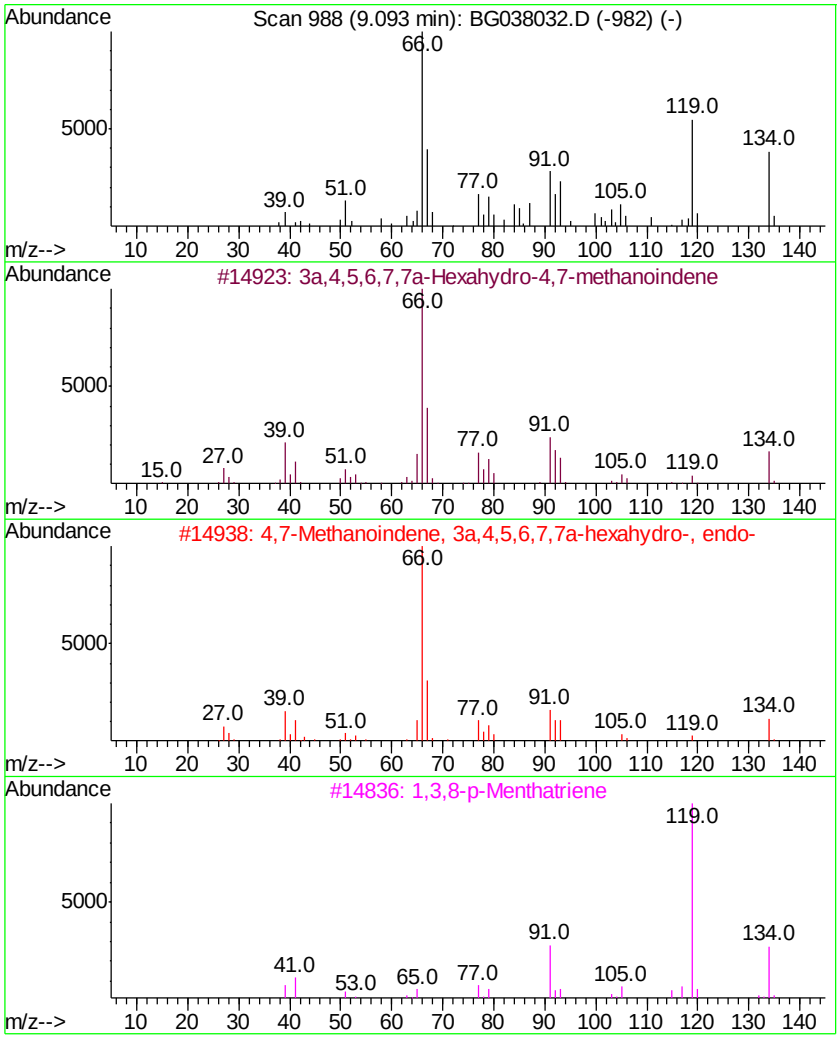
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

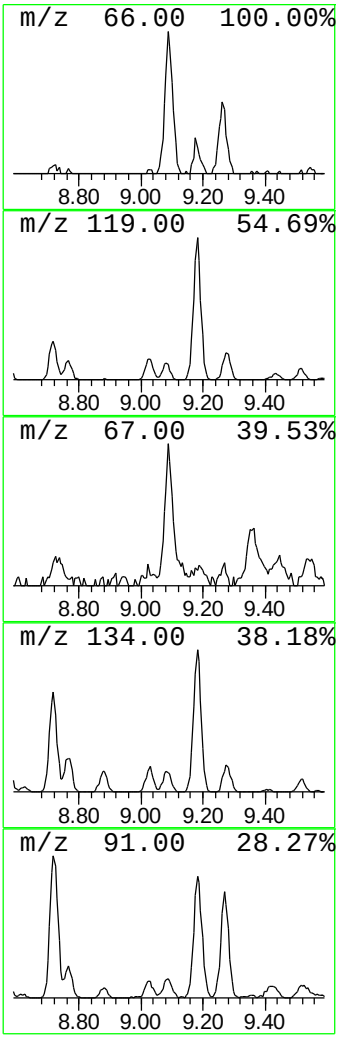
****

Peak Number 15 3a,4,5,6,7,7a-Hexahydro-4,7... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	9.28 ng	147163	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3a,4,5,6,7,7a-Hexahydro-4,7-meth...	134	C10H14	004488-57-7	93
2	4,7-Methanoindene, 3a,4,5,6,7,7a...	134	C10H14	002825-86-7	76
3	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	25
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	25
5	o-Cymene	134	C10H14	000527-84-4	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038032.D
Acq On : 16 Nov 2018 14:06
Operator : JU/SJ
Sample : J5965-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

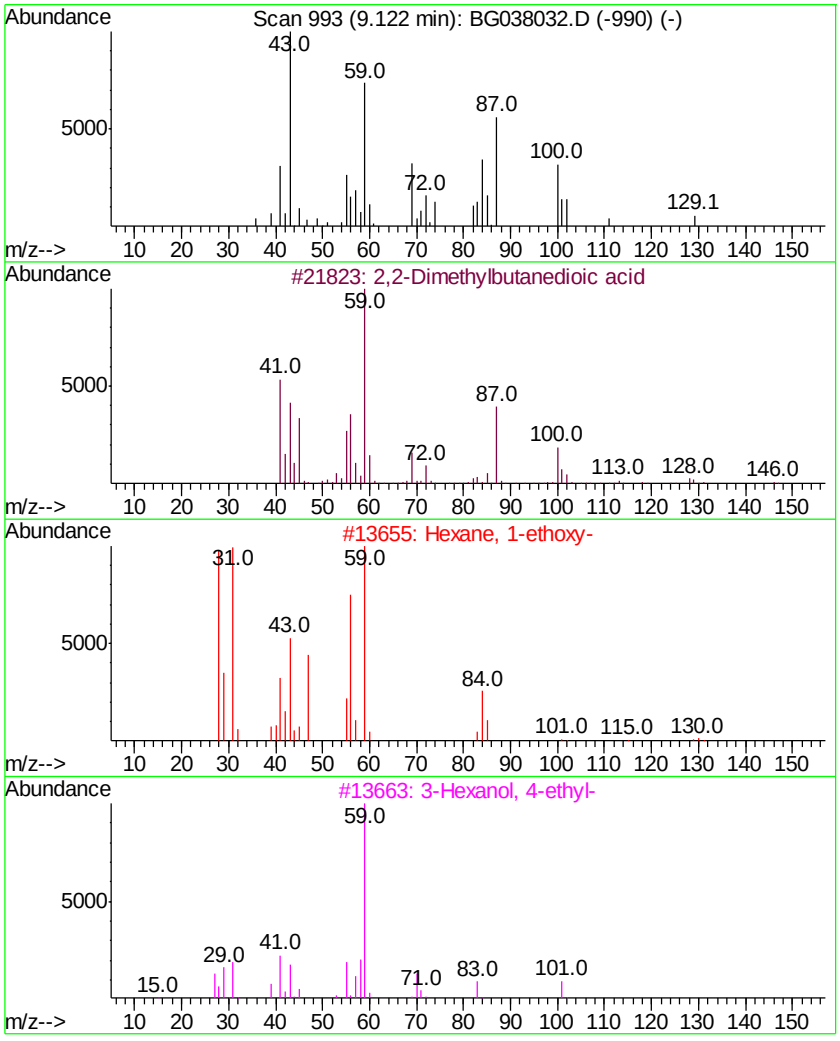
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

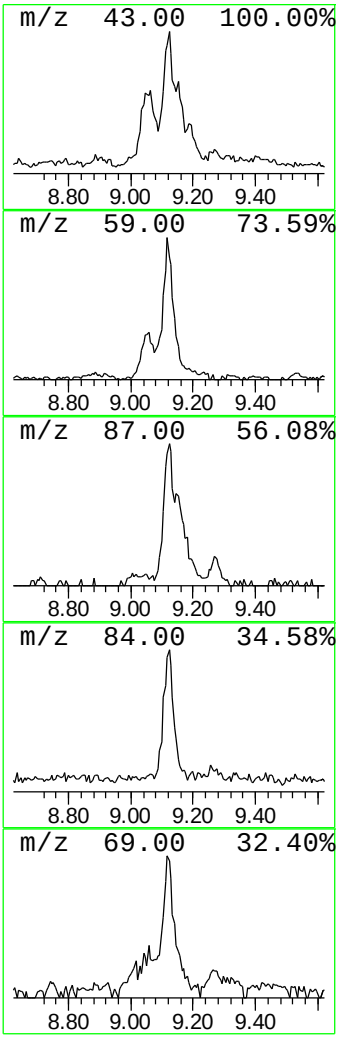
****

Peak Number 16 unknown9.12 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	8.44 ng	133831	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylbutanedioic acid	146	C6H10O4	000597-43-3	42
2	Hexane, 1-ethoxy-	130	C8H18O	005756-43-4	27
3	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	17
4	3-Hexanol	102	C6H14O	000623-37-0	17
5	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038032.D
Acq On : 16 Nov 2018 14:06
Operator : JU/SJ
Sample : J5965-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

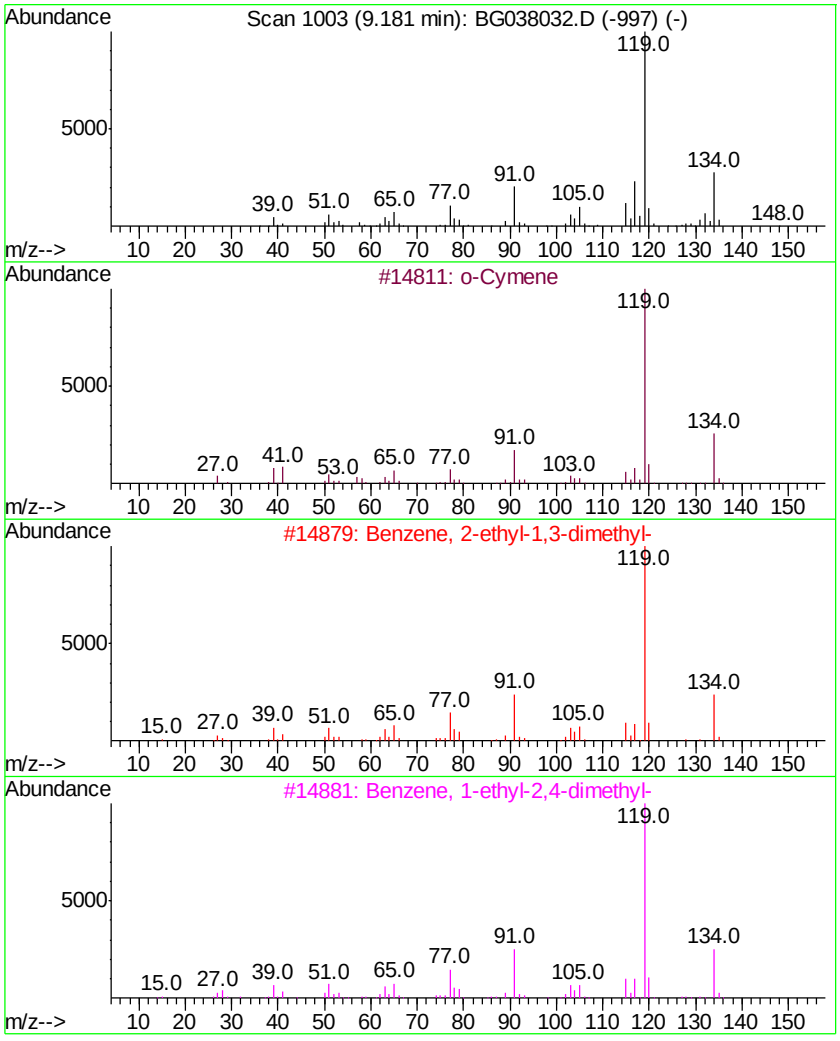
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

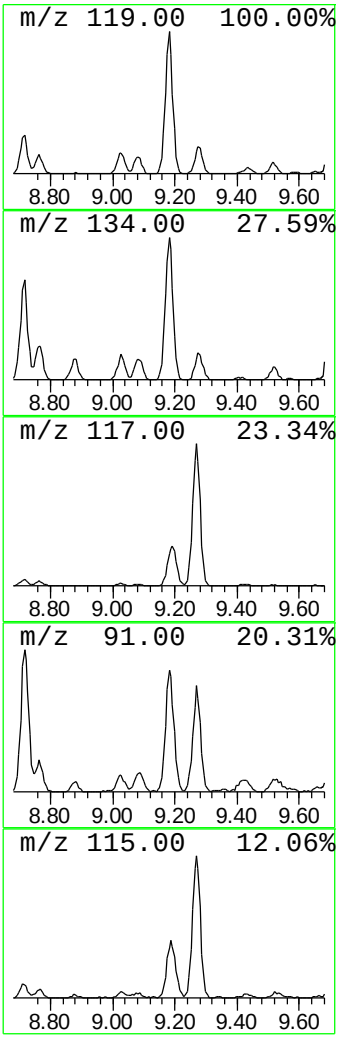
****

Peak Number 17 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	41.87 ng	663952	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	93
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038032.D
Acq On : 16 Nov 2018 14:06
Operator : JU/SJ
Sample : J5965-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

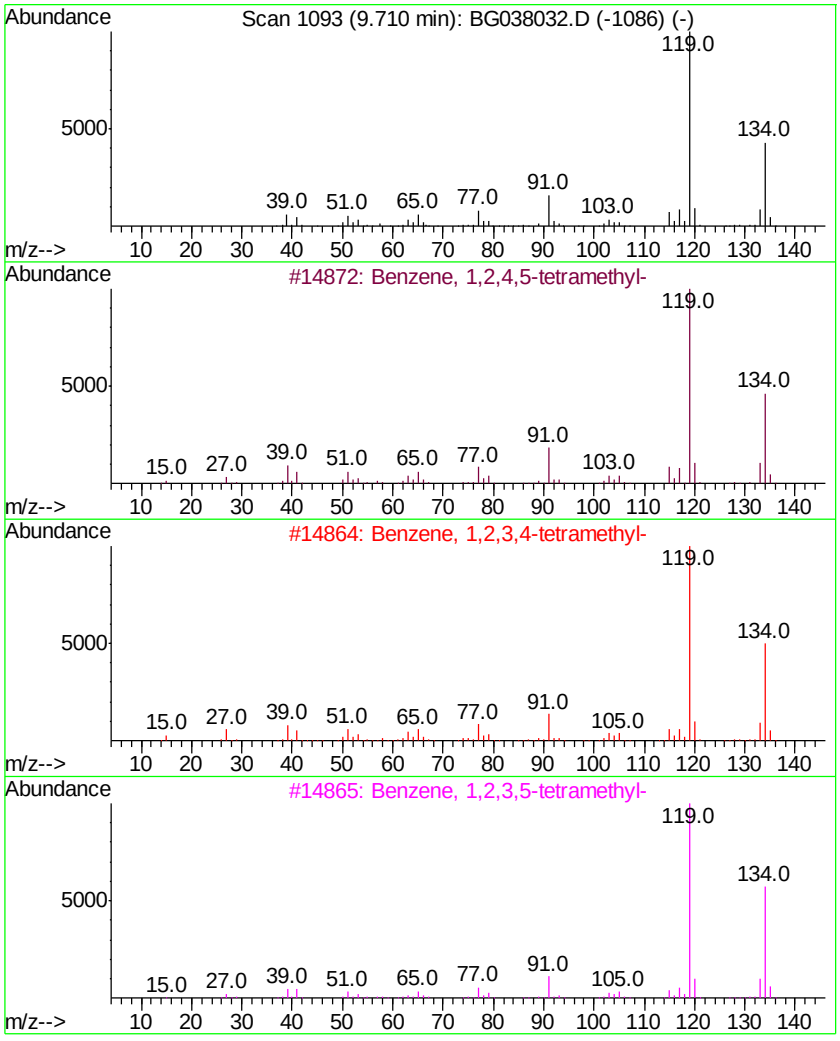
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

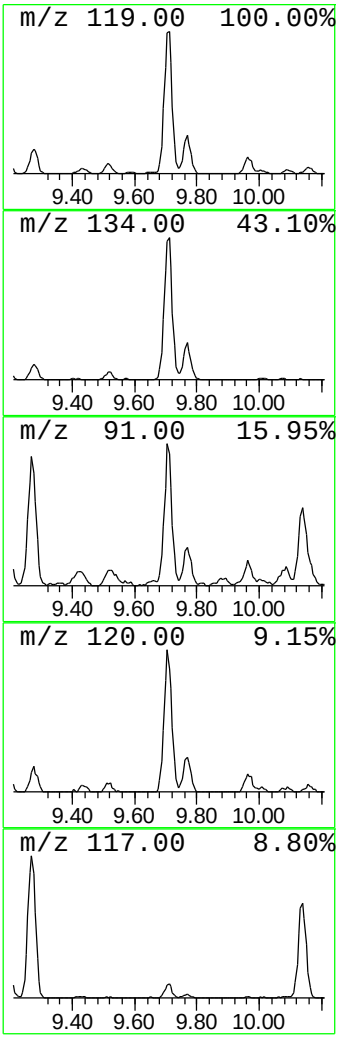
****

Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	20.42 ng	532249	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	p-Cymene	134	C10H14	000099-87-6	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038032.D
Acq On : 16 Nov 2018 14:06
Operator : JU/SJ
Sample : J5965-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

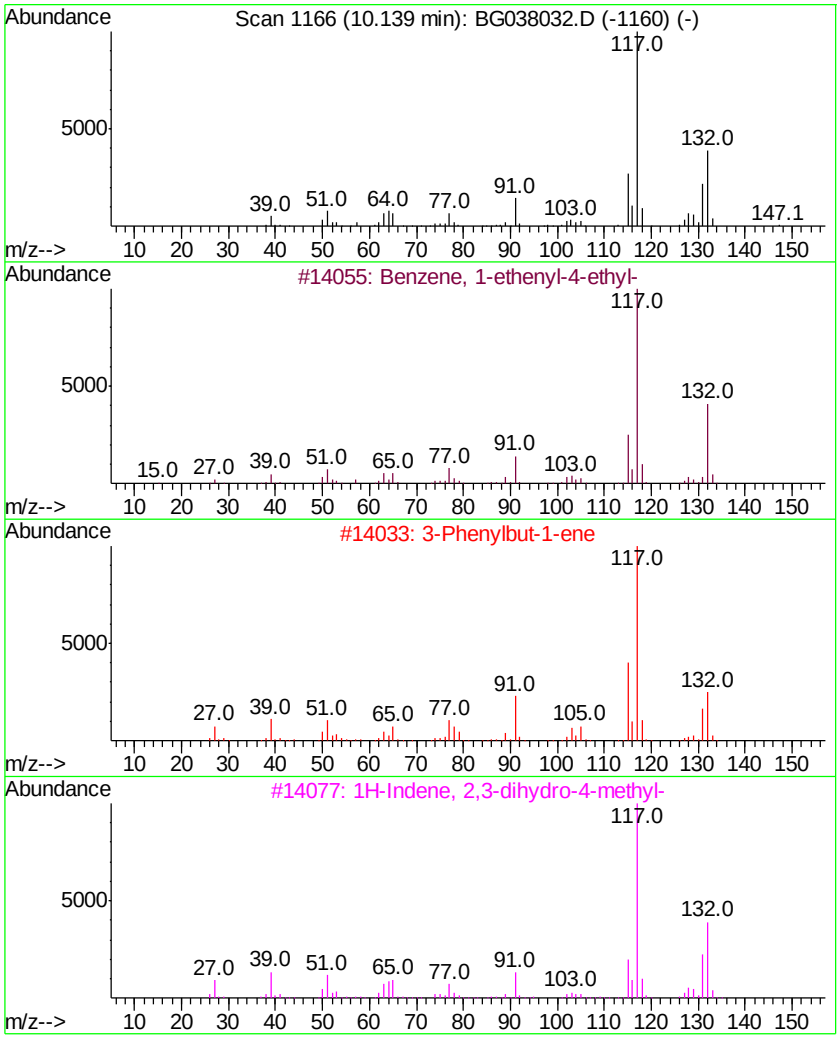
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

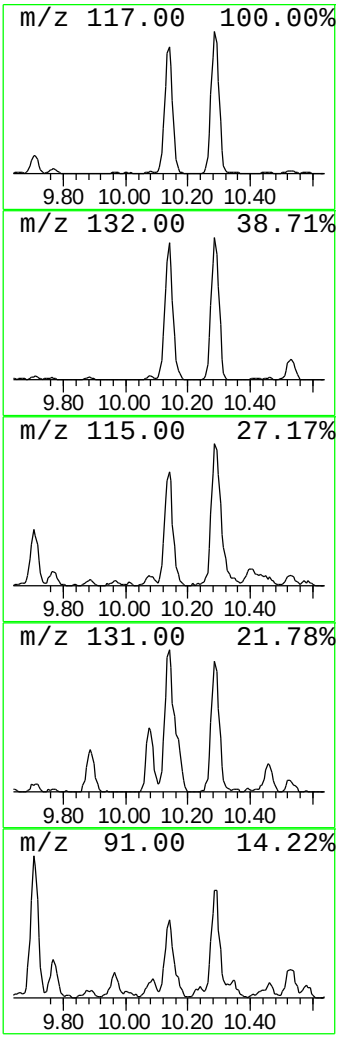
****

Peak Number 19 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	17.61 ng	459129	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038032.D
Acq On : 16 Nov 2018 14:06
Operator : JU/SJ
Sample : J5965-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

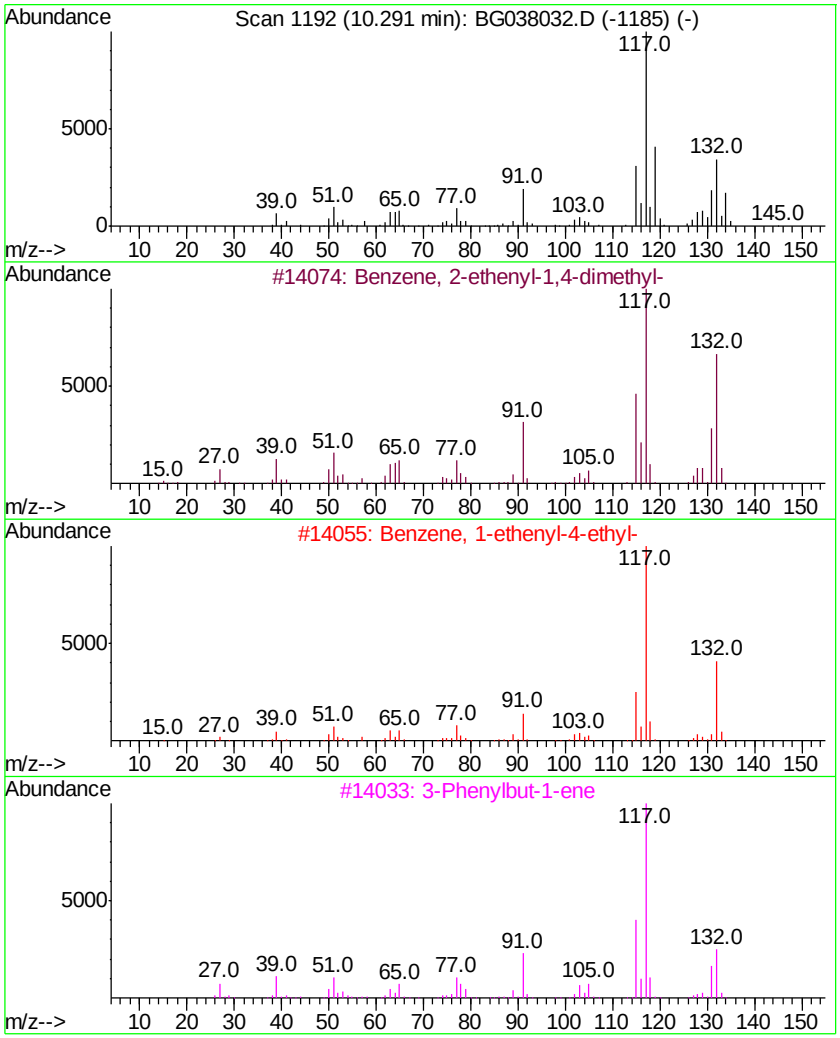
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

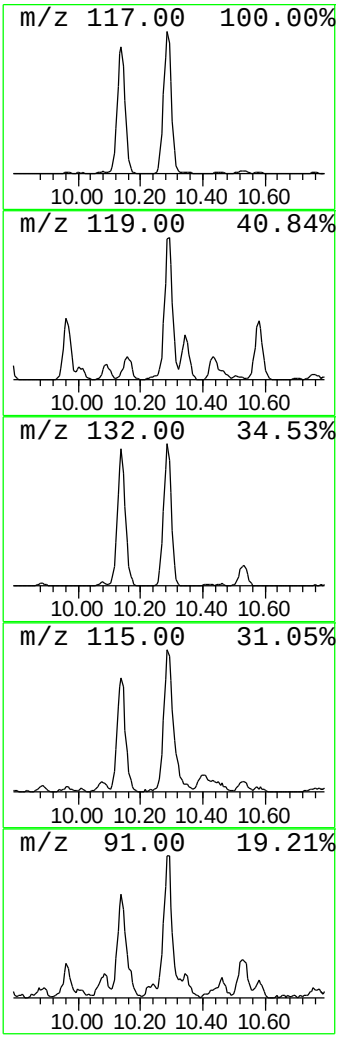
****

Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	23.23 ng	605542	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111618\
Data File : BG038032.D
Acq On : 16 Nov 2018 14:06
Operator : JU/SJ
Sample : J5965-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Propane, 2-ethoxy...	3.75	10.9	ng	172812	1	8.09	317176	20.0
3-Pentanol, 3-met...	4.02	7.3	ng	114926	1	8.09	317176	20.0
Cyclopentanol, 1-...	4.53	6.0	ng	94830	1	8.09	317176	20.0
Benzene, (1-methy...	6.55	12.8	ng	202303	1	8.09	317176	20.0
Benzene, propyl-	7.05	19.5	ng	309761	1	8.09	317176	20.0
Benzene, 1-ethyl-...	7.46	10.7	ng	169482	1	8.09	317176	20.0
unknown7.61	7.61	65.0	ng	1031680	1	8.09	317176	20.0
Indane	8.46	84.5	ng	1340580	1	8.09	317176	20.0
Benzene, 1,3-diet...	8.56	29.0	ng	460098	1	8.09	317176	20.0
Benzene, 2-ethyl-...	8.72	22.4	ng	354371	1	8.09	317176	20.0
Benzene, 1,2-diet...	8.76	7.2	ng	114263	1	8.09	317176	20.0
Benzene, 4-ethyl-...	9.03	9.6	ng	152450	1	8.09	317176	20.0
3a,4,5,6,7,7a-Hex...	9.09	9.3	ng	147163	1	8.09	317176	20.0
unknown9.12	9.12	8.4	ng	133831	1	8.09	317176	20.0
o-Cymene	9.18	41.9	ng	663952	1	8.09	317176	20.0
Benzene, 1,2,4,5-...	9.71	20.4	ng	532249	2	10.91	521428	20.0
Benzene, 1-etheny...	10.14	17.6	ng	459129	2	10.91	521428	20.0
Benzene, 2-etheny...	10.29	23.2	ng	605542	2	10.91	521428	20.0