LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
Data File : BG031218.D
Acq On : 23 Nov 2017 10:05
Operator : SJ/JU
Sample : I6536-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-16

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:\HPCHEM1\BNA_G\METHODS\8270-BG111017.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	4.029	121	126	136	rVB	129294	216862	1.75%	0.187%
2	4.129	137	143	147	rBV	176814	282639	2.28%	0.244%
3	4.176	147	151	161	rVB3	70546	143315	1.16%	0.124%
4	4.276	161	168	180	rBV	546042	923140	7.46%	0.797%
5	4.622	225	227	239	rVB2	74535	137572	1.11%	0.119%
6	5.210	323	327	332	rVV	98809	139679	1.13%	0.121%
7	5.621	393	397	402	rVV	122832	181950	1.47%	0.157%
8	5.697	402	410	414	rVV	559755	908029	7.34%	0.784%
9	5.762	414	421	437	rVB	4983193	12378868	100.00%	10.694%
10	6.138	476	485	494	rVB	5001176	9022588	72.89%	7.794%
11	6.608	558	565	572	rBV4	56923	128873	1.04%	0.111%
12	7.108	641	650	656	rVV2	144787	287007	2.32%	0.248%
13	7.219	662	669	674	rVV	3924187	6737522	54.43%	5.820%
14	7.272	674	678	686	rVV2	1764864	3325426	26.86%	2.873%
15	7.348	686	691	701	rVB	2350829	3978271	32.14%	3.437%
16	7.519	713	720	727	rVB	2050753	3333858	26.93%	2.880%
17	7.672	738	746	754	rBV	889579	1561811	12.62%	1.349%
18	7.789	754	766	778	rVB	5868101	10795574	87.21%	9.326%
19	8.136	815	825	827	rBV2	190659	373630	3.02%	0.323%
20	8.165	827	830	837	rVV	248421	403524	3.26%	0.349%
21	8.247	837	844	852	rVB	1840376	3171225	25.62%	2.740%
22	8.459	874	880	885	rVV	855147	1584844	12.80%	1.369%
23	8.512	885	889	898	rVB	737245	1193051	9.64%	1.031%
24	8.623	898	908	912	rBV	660949	1127536	9.11%	0.974%
25	8.676	912	917	926	rVB	1082836	1826502	14.76%	1.578%
26	8.770	926	933	939	rBV	1898725	3218186	26.00%	2.780%
27	8.823	939	942	948	rVB	117551	173714	1.40%	0.150%
28	8.935	955	961	970	rVB	464369	802795	6.49%	0.694%
29	9.088	980	987	991	rBV	959643	1610941	13.01%	1.392%
30	9.141	991	996	1003	rVB	941476	1572306	12.70%	1.358%
31	9.240	1005	1013	1019	rBV	1720307	2951273	23.84%	2.550%
32	9.305	1019	1024	1037	rVB3	713947	1870868	15.11%	1.616%
33	9.487	1046	1055	1063	rBV3	148215	324037	2.62%	0.280%
34	9.575	1063	1070	1076	rBV	329503	652269	5.27%	0.563%

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Sample : I6536-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-16

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:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.763	1096	1102	1107	rVV	922876	1585328	12.81%	1.370%
36	9.828	1107	1113	1121	rVB	1297319	2175335	17.57%	1.879%
37	10.022	1136	1146	1150	rBV	223270	515026	4.16%	0.445%
38	10.069	1150	1154	1159	rVB	202168	309851	2.50%	0.268%
39	10.139	1159	1166	1170	rBV3	465800	951176	7.68%	0.822%
40	10.192	1170	1175	1185	rVB2	534592	1128517	9.12%	0.975%
41	10.286	1185	1191	1194	rBV	196121	344414	2.78%	0.298%
42	10.339	1194	1200	1206	rVV2	1051857	2015971	16.29%	1.742%
43	10.404	1206	1211	1216	rVB2	319121	540361	4.37%	0.467%
44	10.492	1221	1226	1228	rVV	154901	284424	2.30%	0.246%
45	10.521	1228	1231	1236	rVV	211022	325817	2.63%	0.281%
46	10.580	1236	1241	1245	rVV3	65803	141098	1.14%	0.122%
47	10.639	1245	1251	1260	rVB	275478	481593	3.89%	0.416%
48	10.821	1275	1282	1285	rBV	101144	192825	1.56%	0.167%
49	10.921	1291	1299	1301	rBV2	258359	532662	4.30%	0.460%
50	10.997	1306	1312	1318	rVV2	1060219	2282469	18.44%	1.972%
51	11.056	1318	1322	1330	rVB	148993	257720	2.08%	0.223%
52	11.150	1330	1338	1346	rVB2	185783	361291	2.92%	0.312%
53	11.385	1373	1378	1390	rVB2	199493	472938	3.82%	0.409%
54	11.555	1397	1407	1412	rBV3	328034	696914	5.63%	0.602%
55	11.602	1412	1415	1420	rVV	179668	317700	2.57%	0.274%
56	11.855	1451	1458	1464	rBV	233189	416315	3.36%	0.360%
57	12.043	1484	1490	1496	rBV2	134221	232294	1.88%	0.201%
58	12.131	1500	1505	1512	rBV5	74635	210094	1.70%	0.181%
59	12.255	1518	1526	1532	rVB	125814	243897	1.97%	0.211%
60	12.325	1532	1538	1545	rBV2	126081	300626	2.43%	0.260%
61	12.589	1572	1583	1591	rVB	903541	1613772	13.04%	1.394%
62	12.807	1611	1620	1629	rBV	588391	1099924	8.89%	0.950%
63	13.377	1710	1717	1728	rVB	2134291	3346237	27.03%	2.891%
64	13.788	1782	1787	1801	rVB	78991	182929	1.48%	0.158%
65	13.923	1801	1810	1818	rBV3	133393	377308	3.05%	0.326%
66	14.076	1827	1836	1841	rBV	200276	376735	3.04%	0.325%
67	14.129	1841	1845	1854	rVB2	121970	222411	1.80%	0.192%
68	14.311	1870	1876	1888	rVB2	85222	190037	1.54%	0.164%
69	14.752	1941	1951	1961	rBV2	477772	828629	6.69%	0.716%
70	16.238	2194	2204	2223	rBV	1488916	2455629	19.84%	2.121%
71	17.495	2410	2418	2424	rBV2	678544	1095329	8.85%	0.946%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : MW-16

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:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	20.087	2852	2859	2868	rBV	4551134	6242804	50.43%	5.393%
73	21.761	3136	3144	3156	rBV	861897	1552136	12.54%	1.341%
74	25.063	3691	3706	3724	rVB	492430	1517911	12.26%	1.311%

Sum of corrected areas: 115758132

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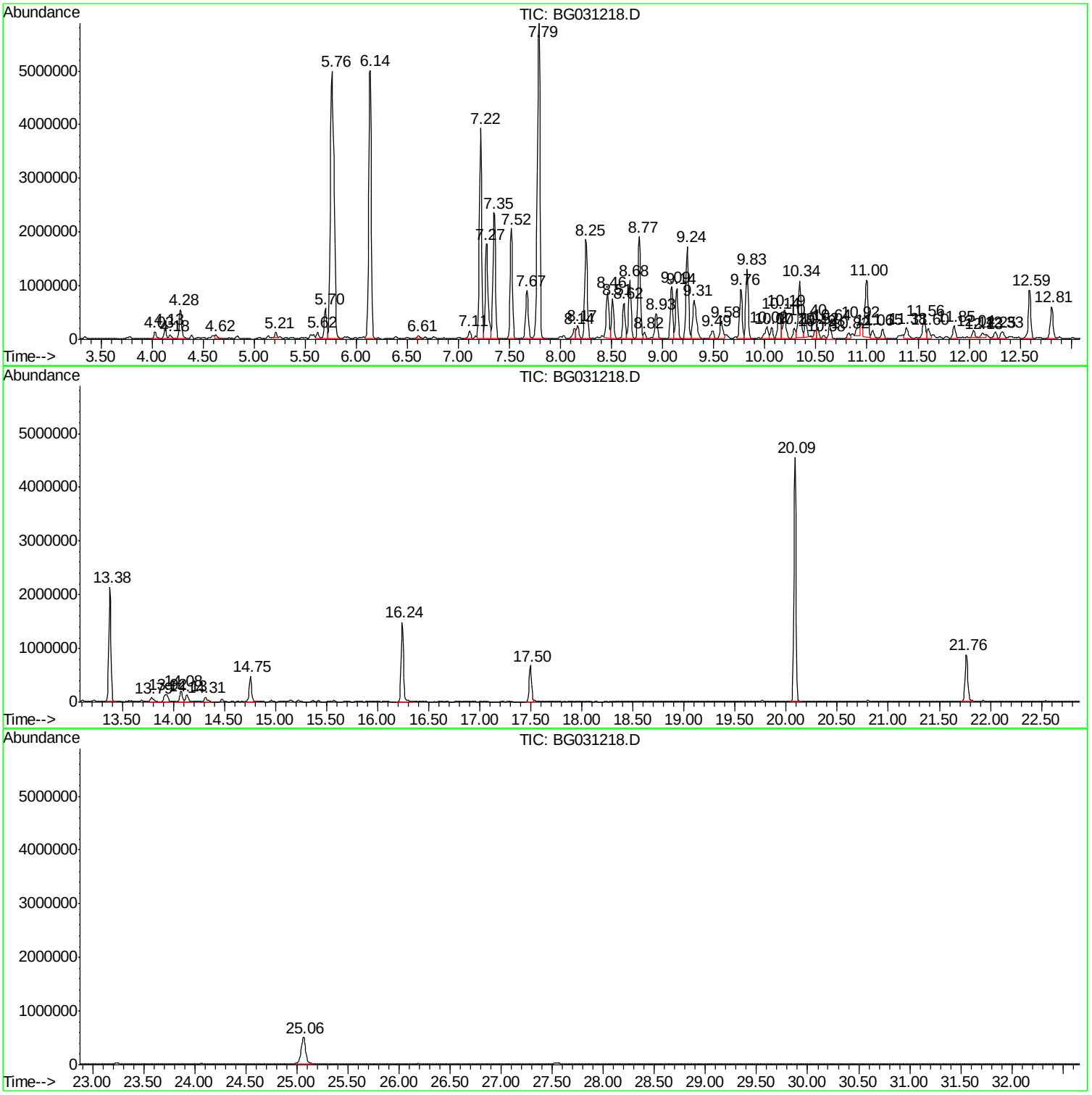
Instrument : BNA_G
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
Data File : BG031218.D
Acq On : 23 Nov 2017 10:05
Operator : SJ/JU
Sample : I6536-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

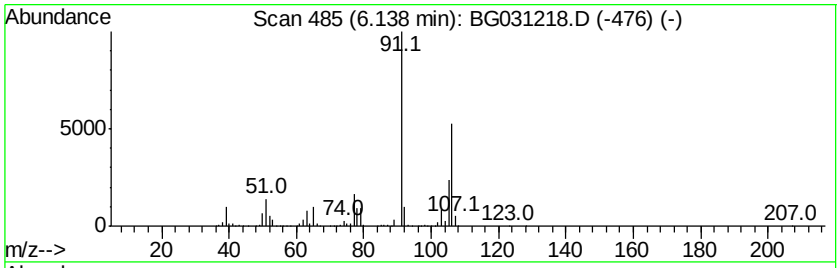
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

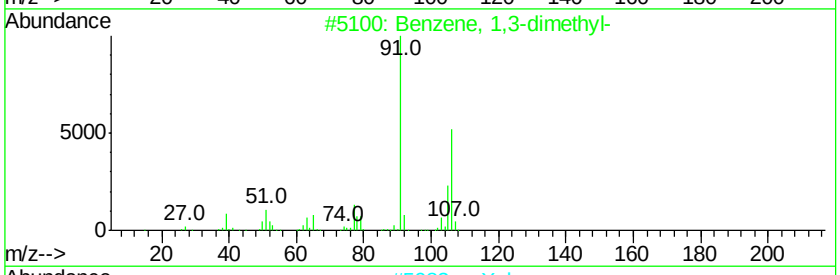
****

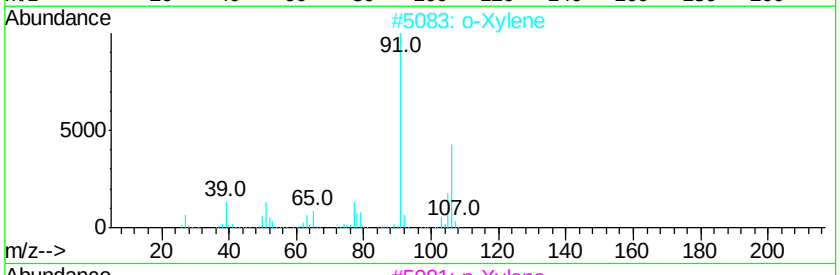
Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 3

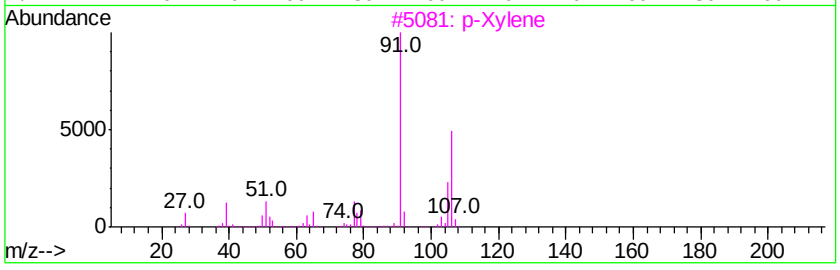
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	482.97 ng	9022590	1,4-Dichlorobenzene-d4	8.14

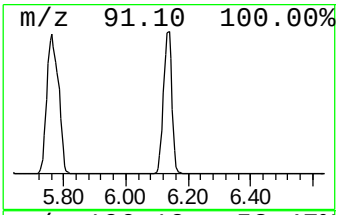
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	91
5	Ethylbenzene	106	C8H10	000100-41-4	87

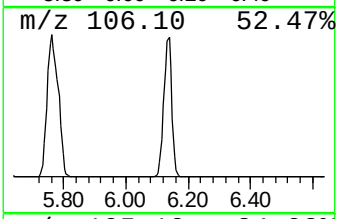


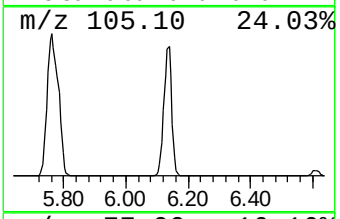


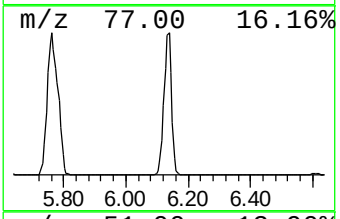


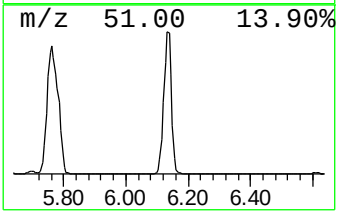












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Sample : I6536-05
Misc :
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Instrument : BNA_G
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

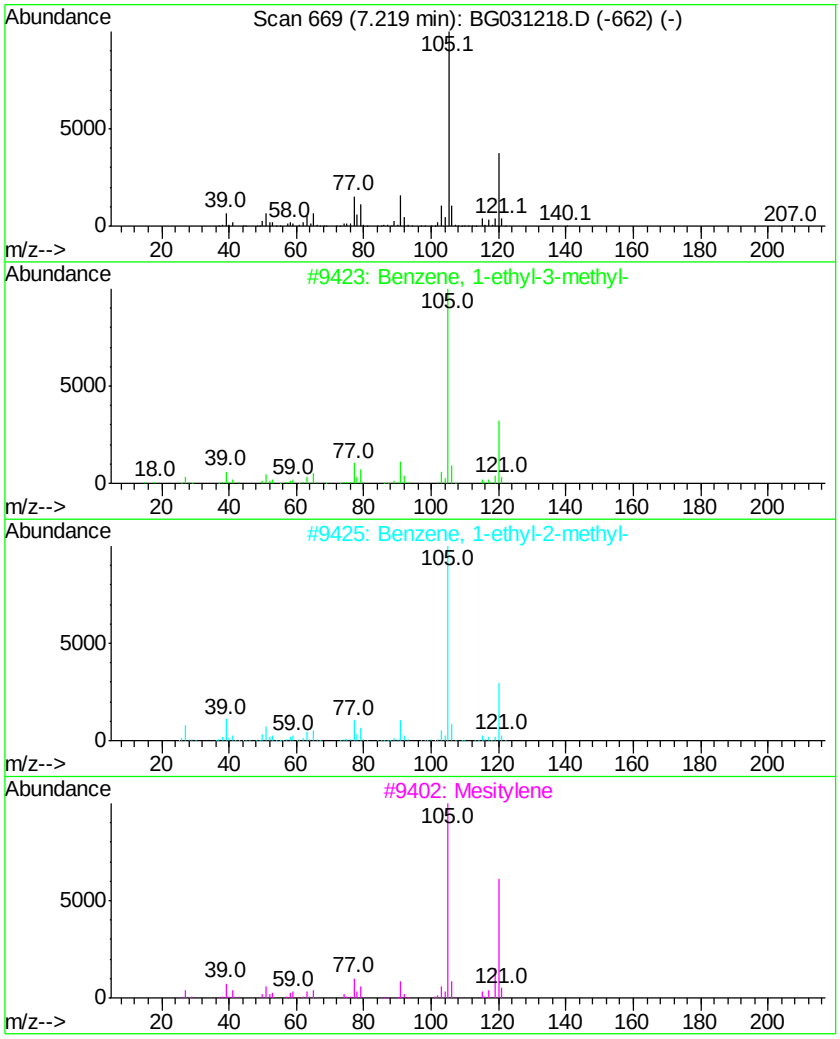
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

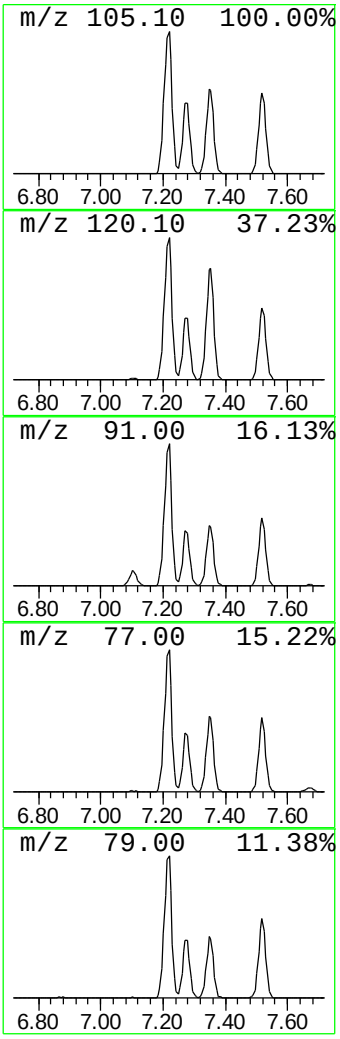
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	360.65 ng	6737520	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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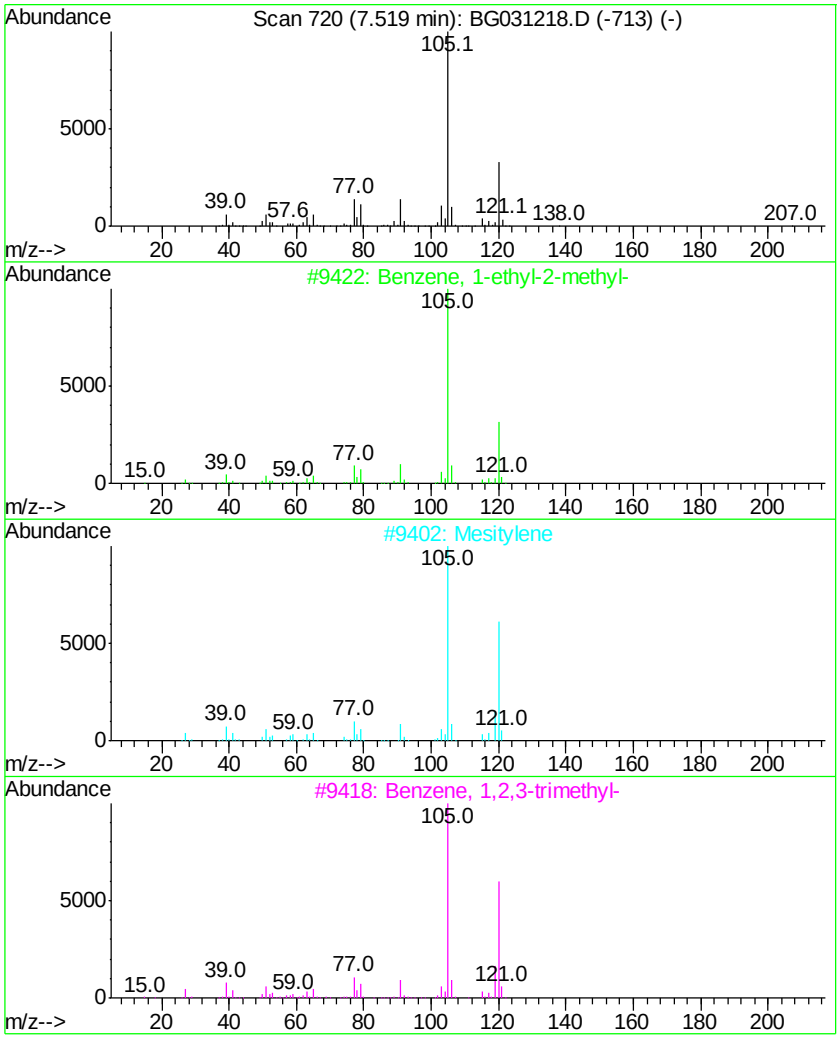
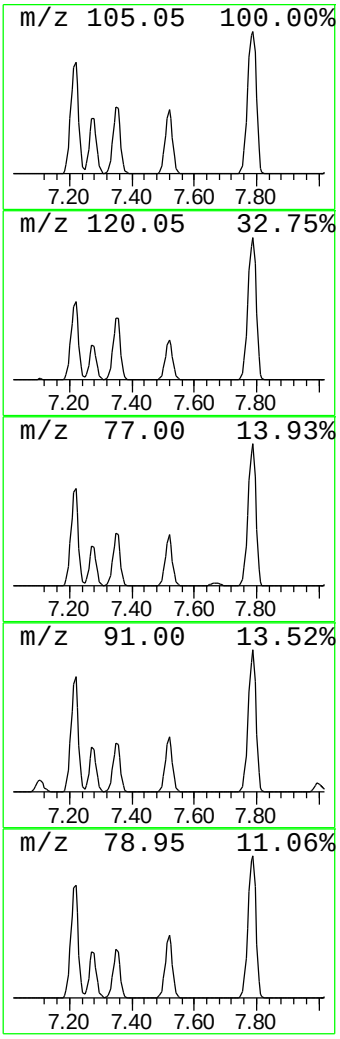
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	178.46 ng	3333860	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

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ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

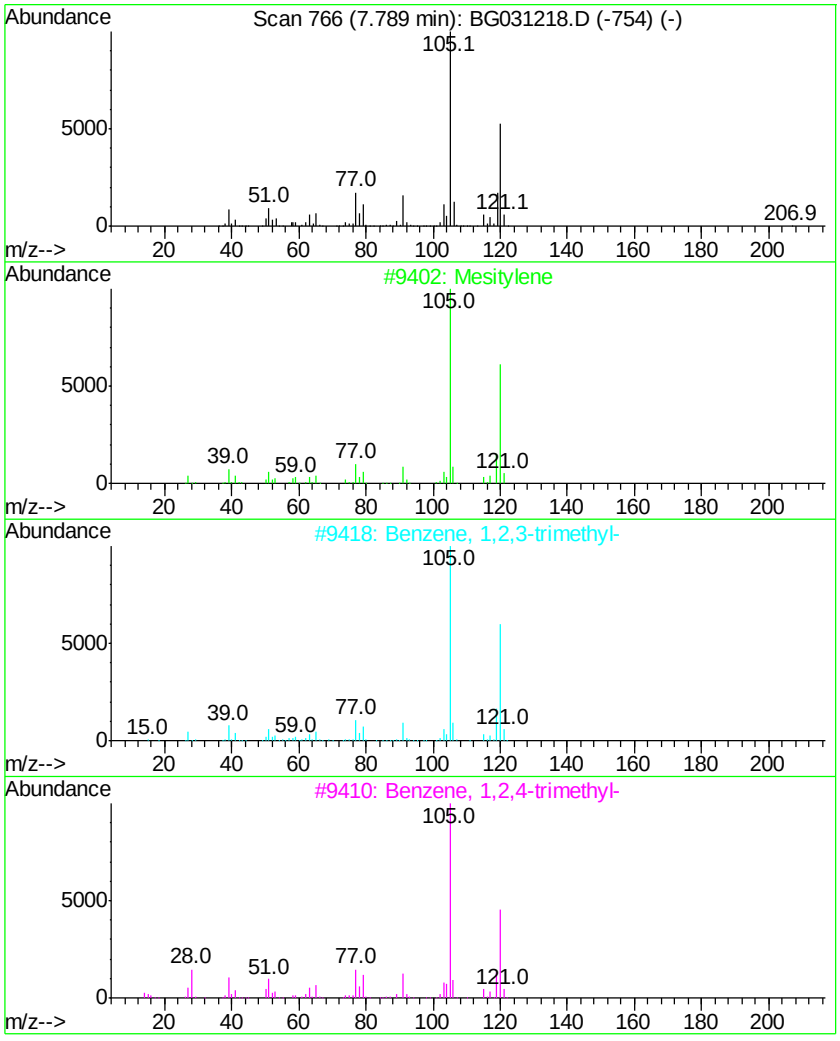
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

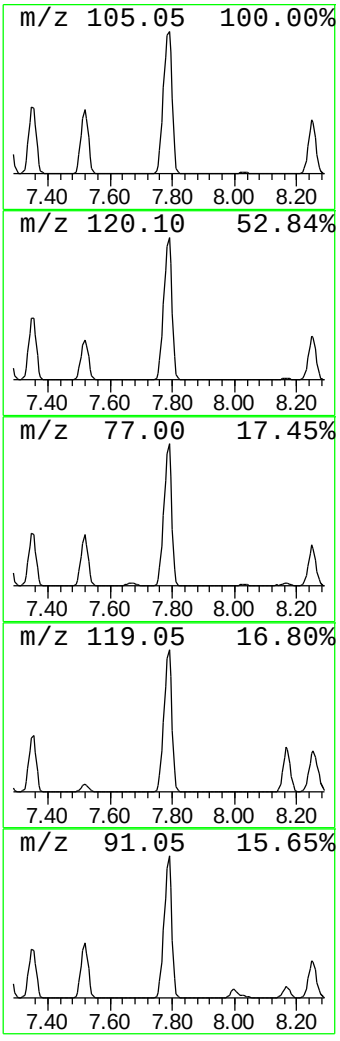
****

Peak Number 5 Mesitylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	577.88 ng	10795600	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





Library Search Compound Report

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Operator : SJ/JU
Sample : I6536-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

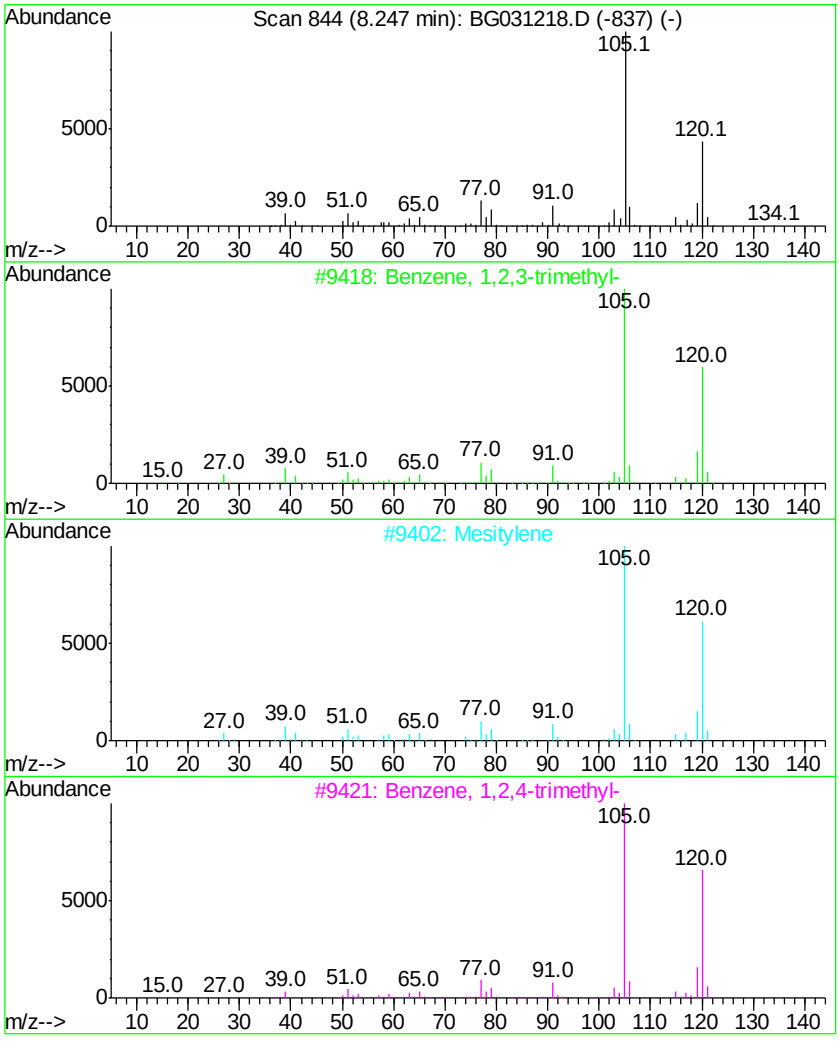
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

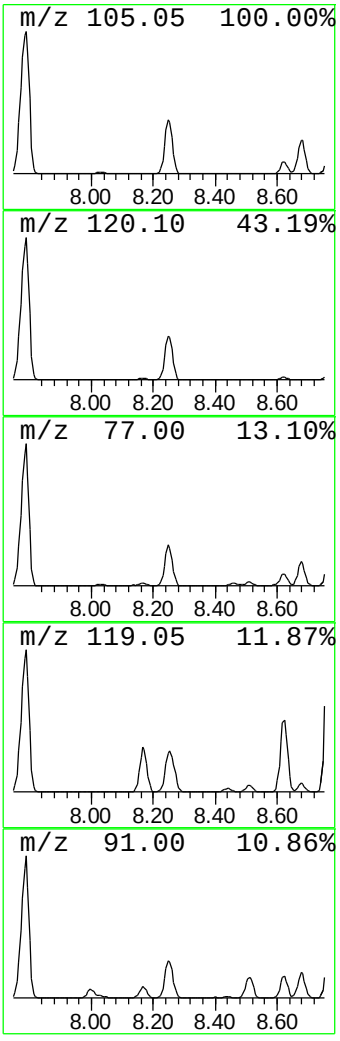
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	169.75 ng	3171230	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
Data File : BG031218.D
Acq On : 23 Nov 2017 10:05
Operator : SJ/JU
Sample : I6536-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

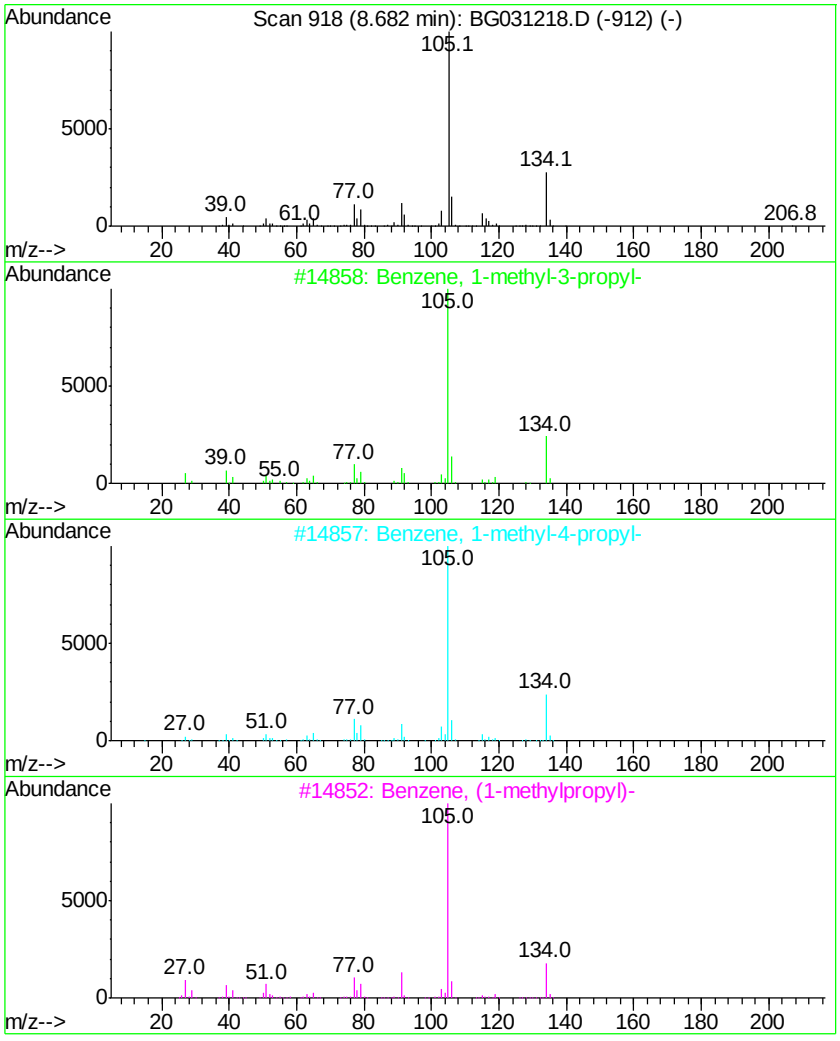
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

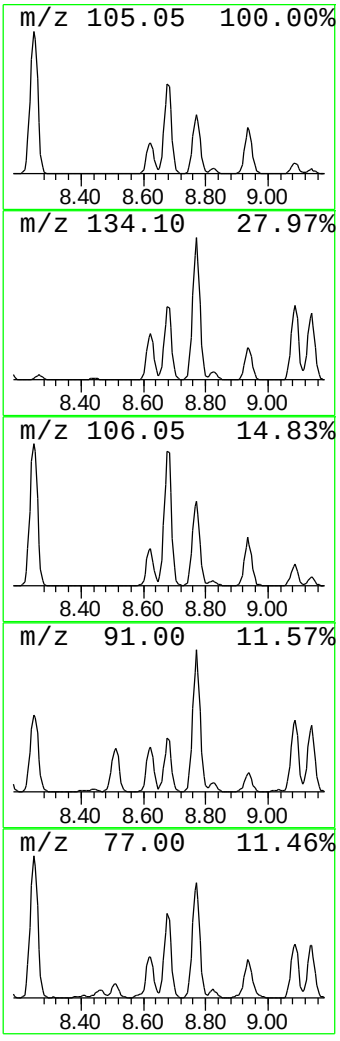
****

Peak Number 7 Benzene, 1-methyl-3-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	97.77 ng	1826500	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	72
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	70





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Data File : BG031218.D
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Sample : I6536-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
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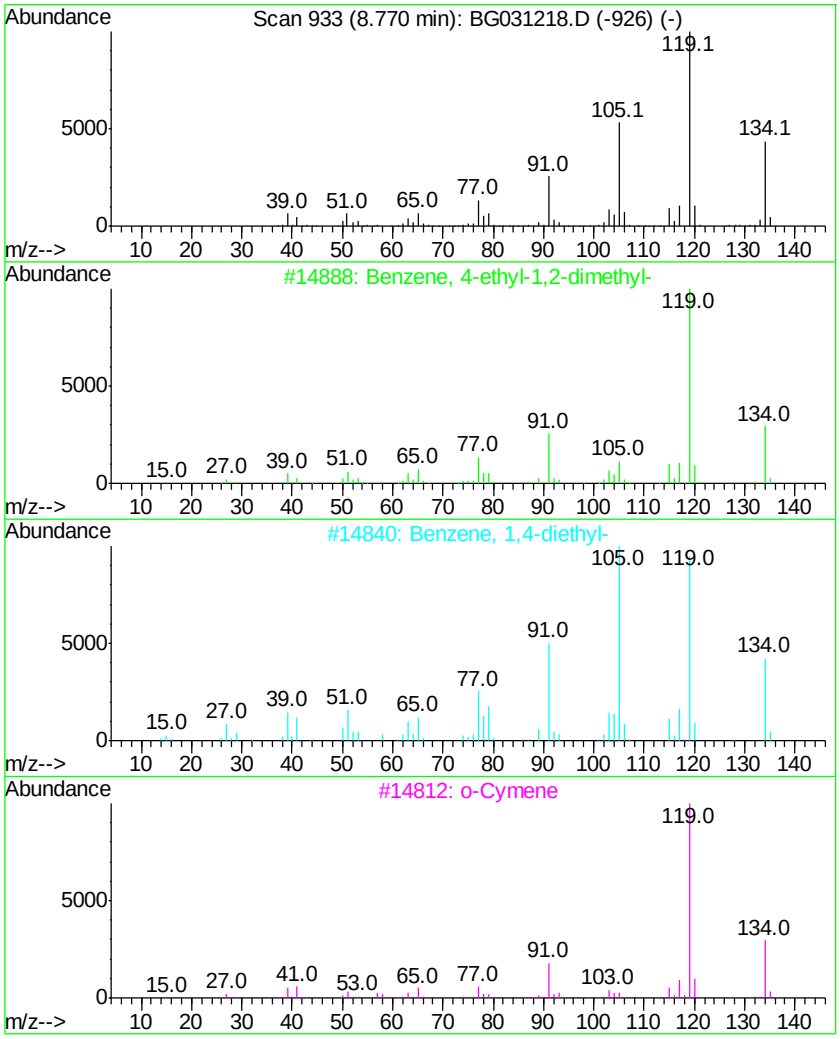
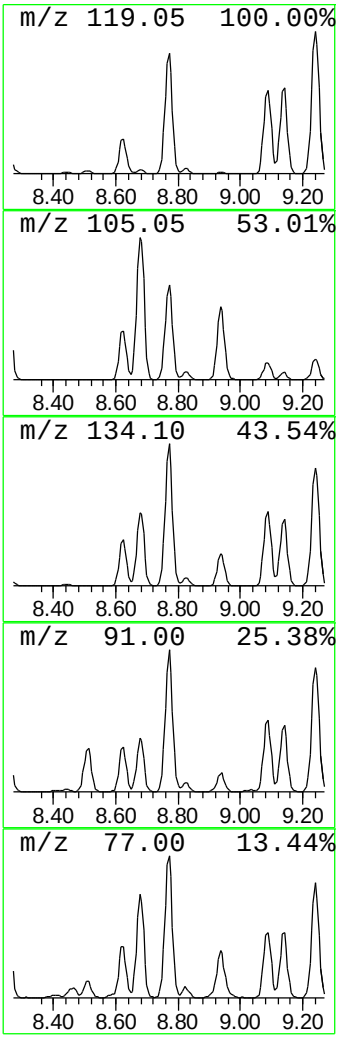
****
Peak Number 8 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	172.27 ng	3218190	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	o-Cymene	134	C10H14	000527-84-4	93
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
Data File : BG031218.D
Acq On : 23 Nov 2017 10:05
Operator : SJ/JU
Sample : I6536-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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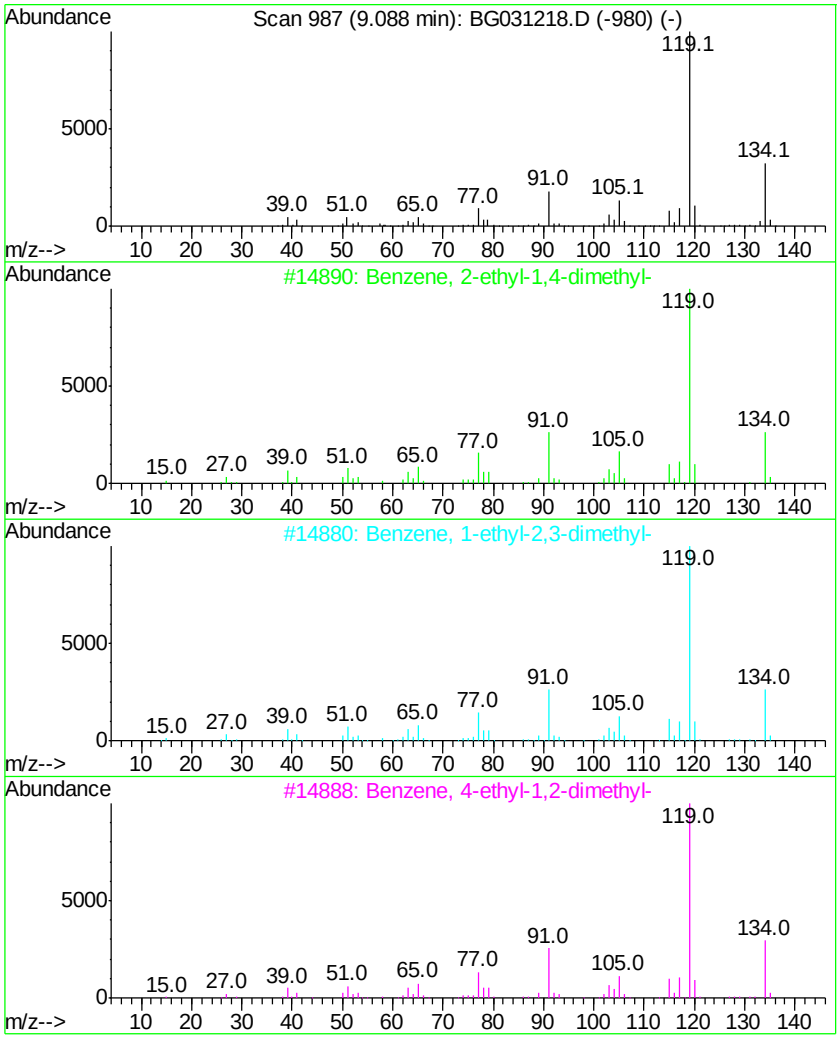
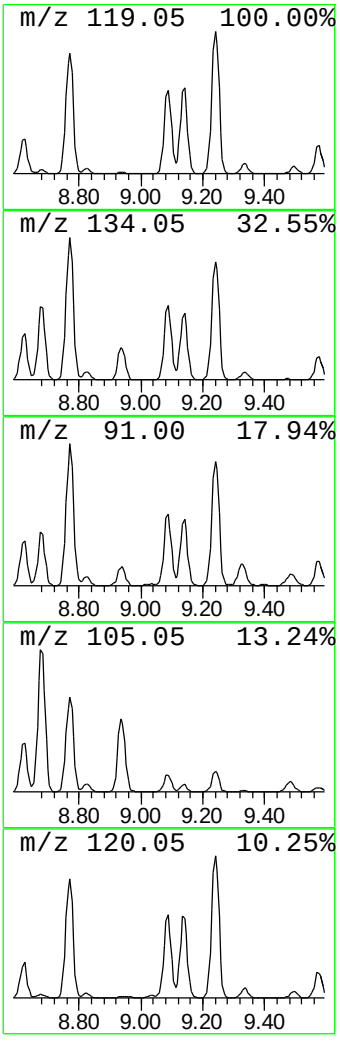
Peak Number 9 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	86.23 ng	1610940	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
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	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





Library Search Compound Report

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Sample : I6536-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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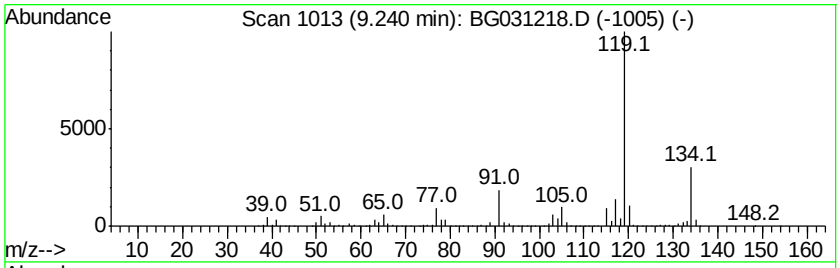
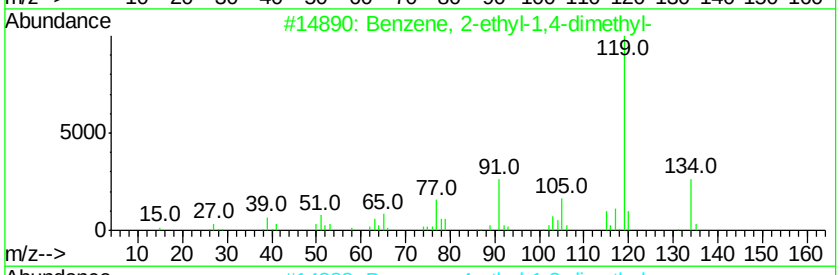
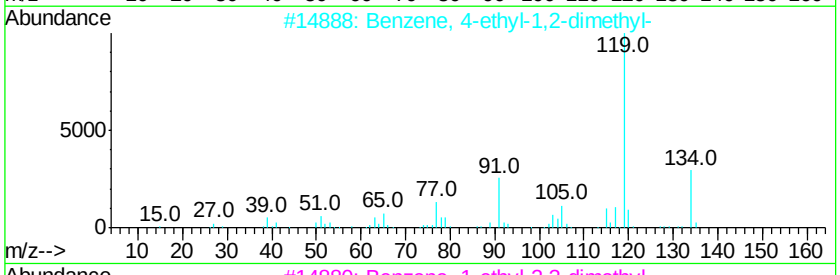
Peak Number 10 o-Cymene Concentration Rank 8

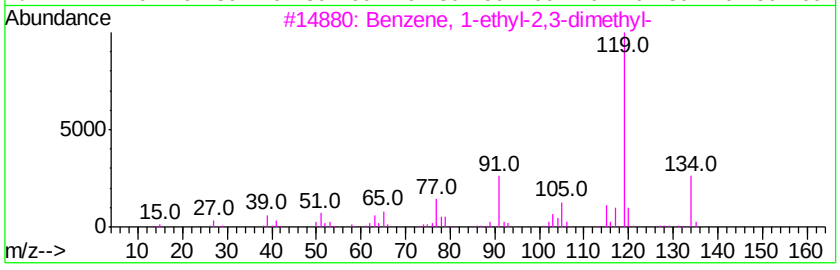
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	157.98 ng	2951270	1,4-Dichlorobenzene-d4	8.14

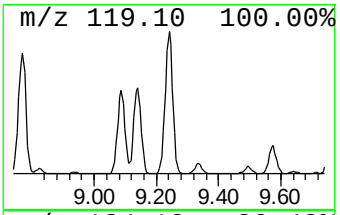
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	o-Cymene	134	C10H14	000527-84-4	94

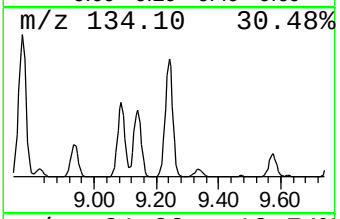


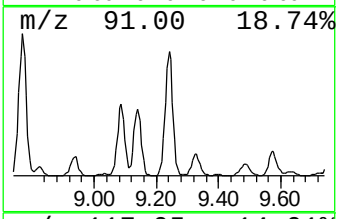


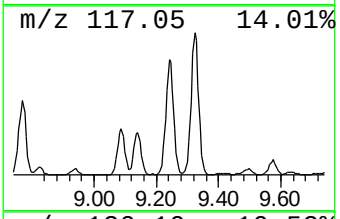


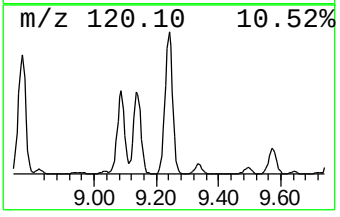












Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-dime...	6.14	483.0	ng	9022590	1	8.14	373630	20.0
Benzene, 1-ethyl-...	7.22	360.6	ng	6737520	1	8.14	373630	20.0
Benzene, 1-ethyl-...	7.52	178.5	ng	3333860	1	8.14	373630	20.0
Mesitylene	7.79	577.9	ng	10795600	1	8.14	373630	20.0
Benzene, 1,2,3-tr...	8.25	169.8	ng	3171230	1	8.14	373630	20.0
Benzene, 1-methyl...	8.68	97.8	ng	1826500	1	8.14	373630	20.0
Benzene, 4-ethyl-...	8.77	172.3	ng	3218190	1	8.14	373630	20.0
Benzene, 2-ethyl-...	9.09	86.2	ng	1610940	1	8.14	373630	20.0
o-Cymene	9.24	158.0	ng	2951270	1	8.14	373630	20.0