LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
Data File : BG043626.D
Acq On : 13 Nov 2019 23:53
Operator : JU
Sample : K5804-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1S

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-BG102119.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	3.161	7	12	23	rBV	451566	711806	12.24%	1.112%
2	3.690	92	102	113	rVB3	38745	94121	1.62%	0.147%
3	3.955	140	147	154	rBV2	43136	85477	1.47%	0.133%
4	4.213	187	191	199	rVB2	36191	66579	1.14%	0.104%
5	5.506	403	411	421	rBV	3366277	5815763	100.00%	9.082%
6	5.600	421	427	428	rVV	228346	316274	5.44%	0.494%
7	5.641	428	434	449	rVB	2826124	5267966	90.58%	8.227%
8	6.005	489	496	506	rBV	139965	233387	4.01%	0.364%
9	6.487	569	578	587	rBV	573262	959780	16.50%	1.499%
10	6.975	654	661	674	rBV	1430396	2374673	40.83%	3.709%
11	7.086	674	680	684	rVV	111603	182696	3.14%	0.285%
12	7.145	684	690	695	rVV	179022	305394	5.25%	0.477%
13	7.221	695	703	713	rVB	2255768	3963112	68.14%	6.189%
14	7.386	724	731	744	rVB	697965	1142832	19.65%	1.785%
15	7.545	750	758	765	rBV	336021	604333	10.39%	0.944%
16	7.650	768	776	790	rVB	2222224	3707699	63.75%	5.790%
17	7.868	807	813	815	rBV	67014	113359	1.95%	0.177%
18	7.897	815	818	828	rVB	88066	143081	2.46%	0.223%
19	7.997	828	835	839	rBV	99740	174187	3.00%	0.272%
20	8.038	839	842	847	rVB	56019	82571	1.42%	0.129%
21	8.114	847	855	863	rBV	1524384	2679965	46.08%	4.185%
22	8.320	882	890	894	rBV	393195	725922	12.48%	1.134%
23	8.379	894	900	910	rVV	1950620	3306947	56.86%	5.164%
24	8.490	912	919	924	rVV	375113	629731	10.83%	0.983%
25	8.543	924	928	935	rVB2	111971	188395	3.24%	0.294%
26	8.637	937	944	950	rBV	1002457	1641646	28.23%	2.564%
27	8.690	950	953	962	rVB	96911	143155	2.46%	0.224%
28	8.949	991	997	1003	rBV	395800	659223	11.34%	1.030%
29	9.002	1003	1006	1012	rVB	42720	66464	1.14%	0.104%
30	9.107	1012	1024	1029	rBV	1230251	2119202	36.44%	3.310%
31	9.184	1029	1037	1046	rVB3	658777	1551715	26.68%	2.423%
32	9.342	1056	1064	1073	rVB5	41558	93337	1.60%	0.146%
33	9.436	1073	1080	1086	rBV2	92929	176516	3.04%	0.276%
34	9.630	1106	1113	1118	rBV	586270	992902	17.07%	1.551%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
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Acq On : 13 Nov 2019 23:53
Operator : JU
Sample : K5804-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1S

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-BG102119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.689	1118	1123	1130	rVB	598977	990657	17.03%	1.547%
36	9.889	1148	1157	1161	rVV	47717	80702	1.39%	0.126%
37	9.930	1161	1164	1170	rVB2	48998	76250	1.31%	0.119%
38	10.000	1170	1176	1179	rBV4	78788	157211	2.70%	0.246%
39	10.047	1179	1184	1197	rVB	656815	1163651	20.01%	1.817%
40	10.200	1197	1210	1218	rBV2	1297997	2495107	42.90%	3.897%
41	10.265	1218	1221	1224	rVV2	69758	125251	2.15%	0.196%
42	10.306	1224	1228	1236	rVV	66767	204327	3.51%	0.319%
43	10.382	1236	1241	1245	rVV3	39912	89826	1.54%	0.140%
44	10.435	1245	1250	1255	rVV	104137	179023	3.08%	0.280%
45	10.500	1255	1261	1267	rVB	60199	102055	1.75%	0.159%
46	10.723	1295	1299	1301	rVV2	47238	78162	1.34%	0.122%
47	10.794	1301	1311	1315	rVV3	189156	564042	9.70%	0.881%
48	10.864	1315	1323	1328	rVV	2277123	4463131	76.74%	6.970%
49	10.911	1328	1331	1336	rVV	107728	181993	3.13%	0.284%
50	10.970	1336	1341	1345	rVV2	40724	85803	1.48%	0.134%
51	11.011	1345	1348	1355	rVB	44455	72395	1.24%	0.113%
52	11.458	1415	1424	1433	rVB2	71266	161516	2.78%	0.252%
53	11.716	1462	1468	1475	rVB	95875	168654	2.90%	0.263%
54	11.904	1492	1500	1506	rBV	68795	136419	2.35%	0.213%
55	11.986	1510	1514	1528	rVB3	39370	92352	1.59%	0.144%
56	12.180	1542	1547	1556	rVB3	63862	122102	2.10%	0.191%
57	12.351	1570	1576	1583	rVB2	37966	74514	1.28%	0.116%
58	12.456	1583	1594	1608	rBV	732765	1305255	22.44%	2.038%
59	12.674	1618	1631	1641	rBV	453310	798112	13.72%	1.246%
60	13.085	1695	1701	1711	rVB4	27734	59088	1.02%	0.092%
61	13.250	1722	1729	1740	rBV	975919	1501544	25.82%	2.345%
62	13.420	1752	1758	1763	rBV3	34979	77393	1.33%	0.121%
63	13.796	1817	1822	1830	rVB6	38622	93385	1.61%	0.146%
64	13.949	1842	1848	1853	rBV	35471	66107	1.14%	0.103%
65	14.078	1865	1870	1877	rBV	49372	75551	1.30%	0.118%
66	14.624	1955	1963	1971	rBV	219629	378641	6.51%	0.591%
67	15.130	2041	2049	2058	rBV5	29375	83328	1.43%	0.130%
68	16.117	2210	2217	2230	rBV	569744	966352	16.62%	1.509%
69	17.374	2424	2431	2437	rBV	266121	424111	7.29%	0.662%
70	18.267	2578	2583	2596	rBV	141183	225019	3.87%	0.351%
71	19.983	2869	2875	2888	rBV	1994697	2703276	46.48%	4.222%

LSC Area Percent Report

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Acq On : 13 Nov 2019 23:53
Operator : JU
Sample : K5804-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1S

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-BG102119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	21.640	3150	3157	3167	rVB	300089	540273	9.29%	0.844%
73	23.097	3400	3405	3412	rVB2	34814	65290	1.12%	0.102%
74	23.291	3429	3438	3445	rBV	336478	645387	11.10%	1.008%
75	23.890	3532	3540	3549	rVB3	42468	90019	1.55%	0.141%
76	24.818	3687	3698	3712	rBV2	232471	676584	11.63%	1.057%
77	25.923	3875	3886	3892	rBV5	25532	73171	1.26%	0.114%

Sum of corrected areas: 64033239

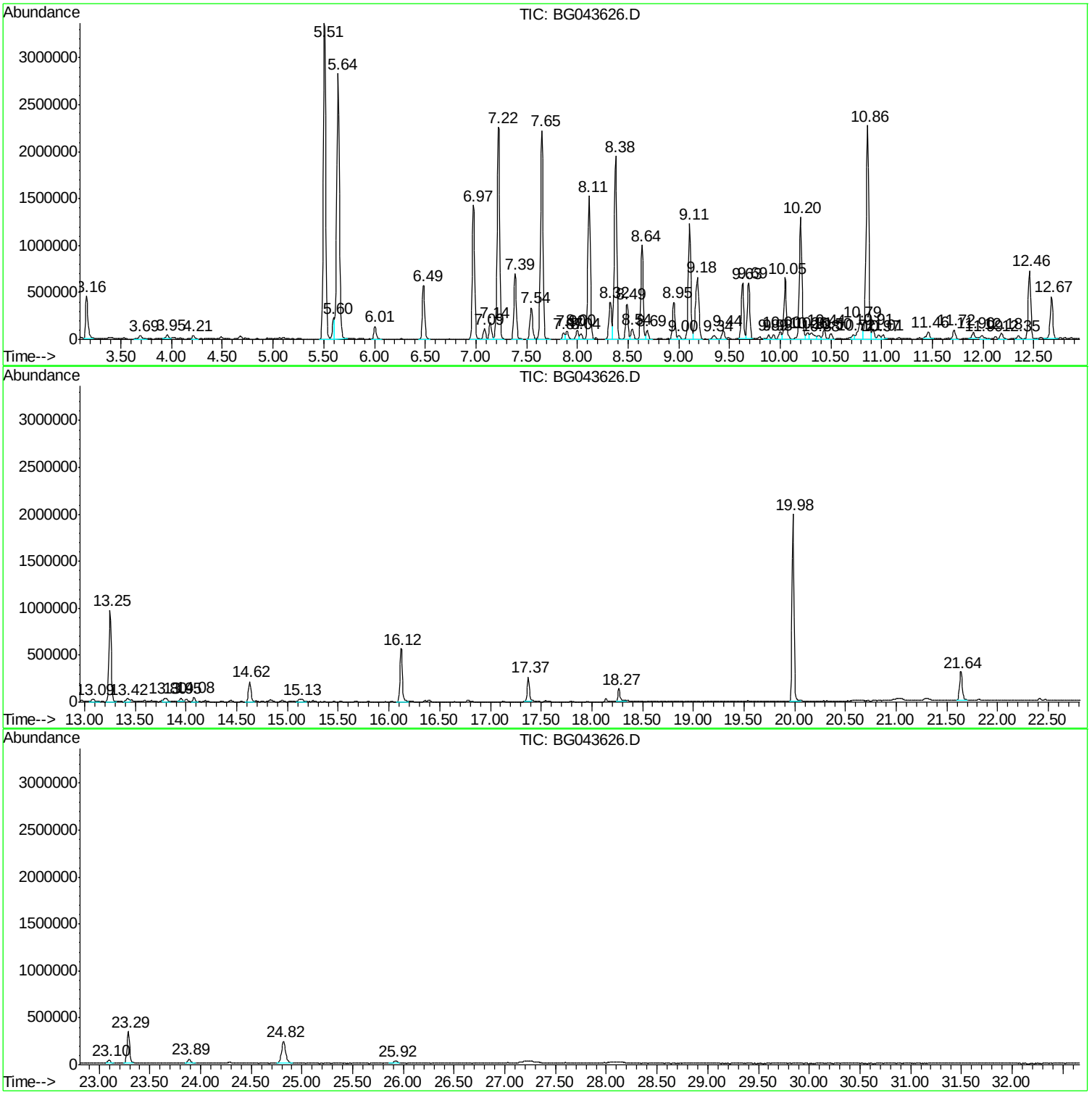
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
Data File : BG043626.D
Acq On : 13 Nov 2019 23:53
Operator : JU
Sample : K5804-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
Data File : BG043626.D
Acq On : 13 Nov 2019 23:53
Operator : JU
Sample : K5804-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

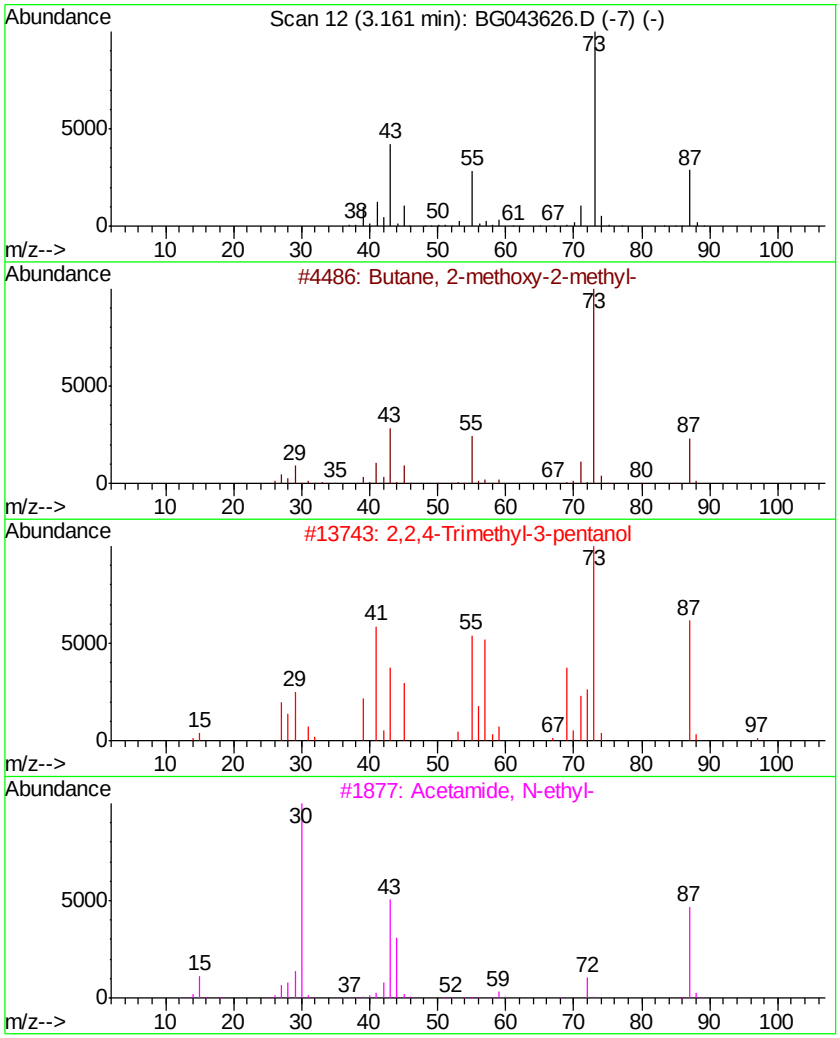
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

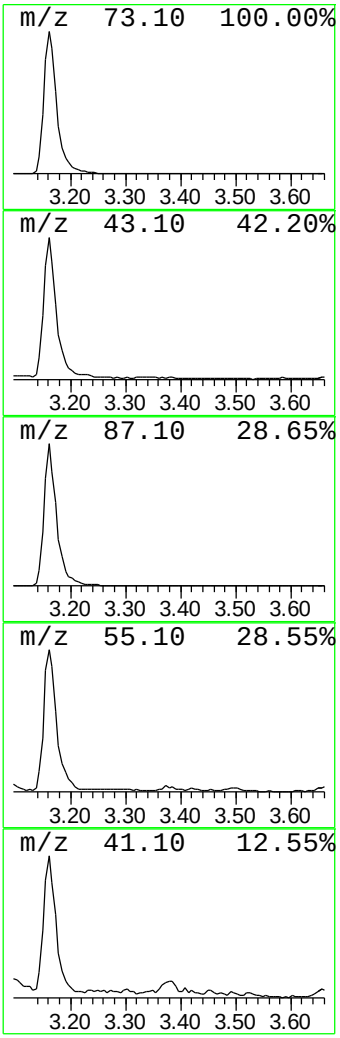
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	81.73 ng	711806	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
Data File : BG043626.D
Acq On : 13 Nov 2019 23:53
Operator : JU
Sample : K5804-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

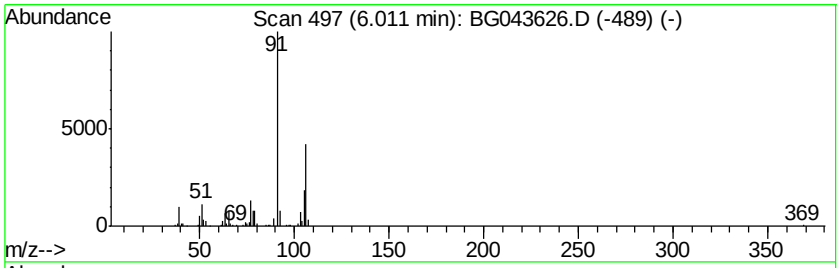
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

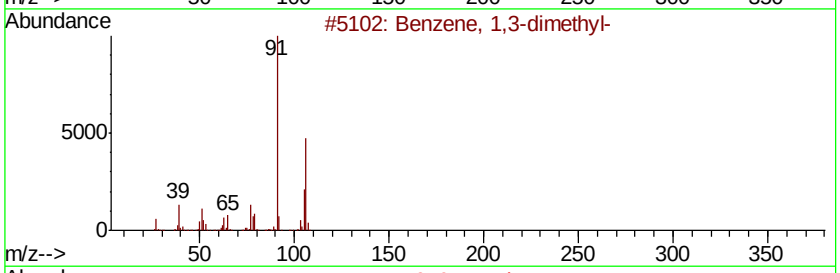
****

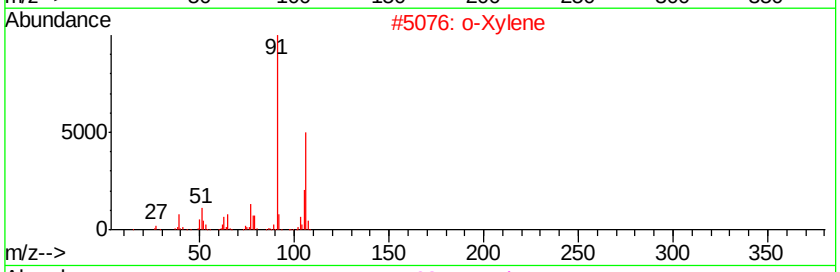
Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 20

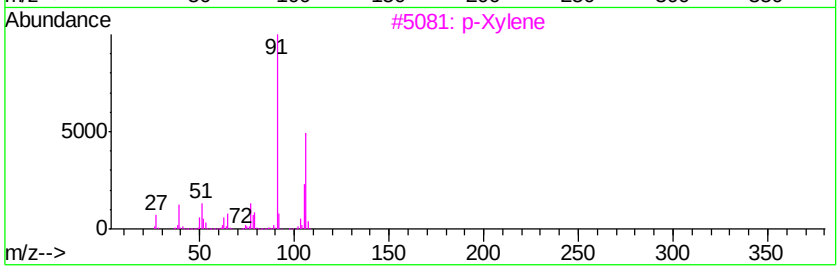
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.01	26.80 ng	233387	1,4-Dichlorobenzene-d4	8.00

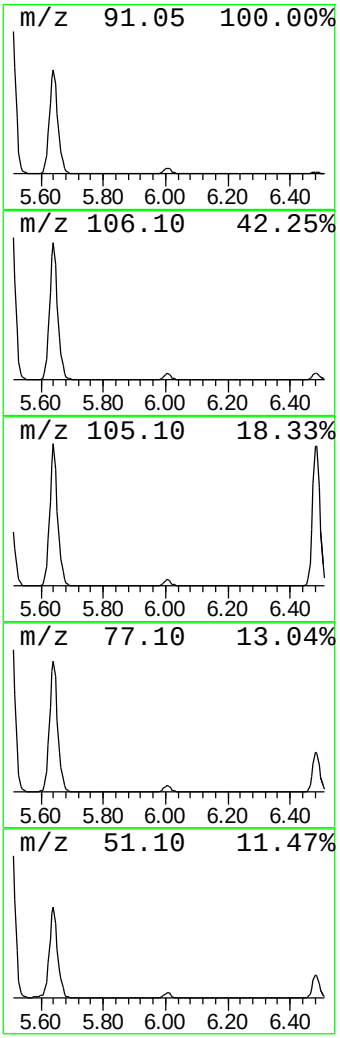
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	Ethylbenzene	106	C8H10	000100-41-4	91
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	87











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
Data File : BG043626.D
Acq On : 13 Nov 2019 23:53
Operator : JU
Sample : K5804-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

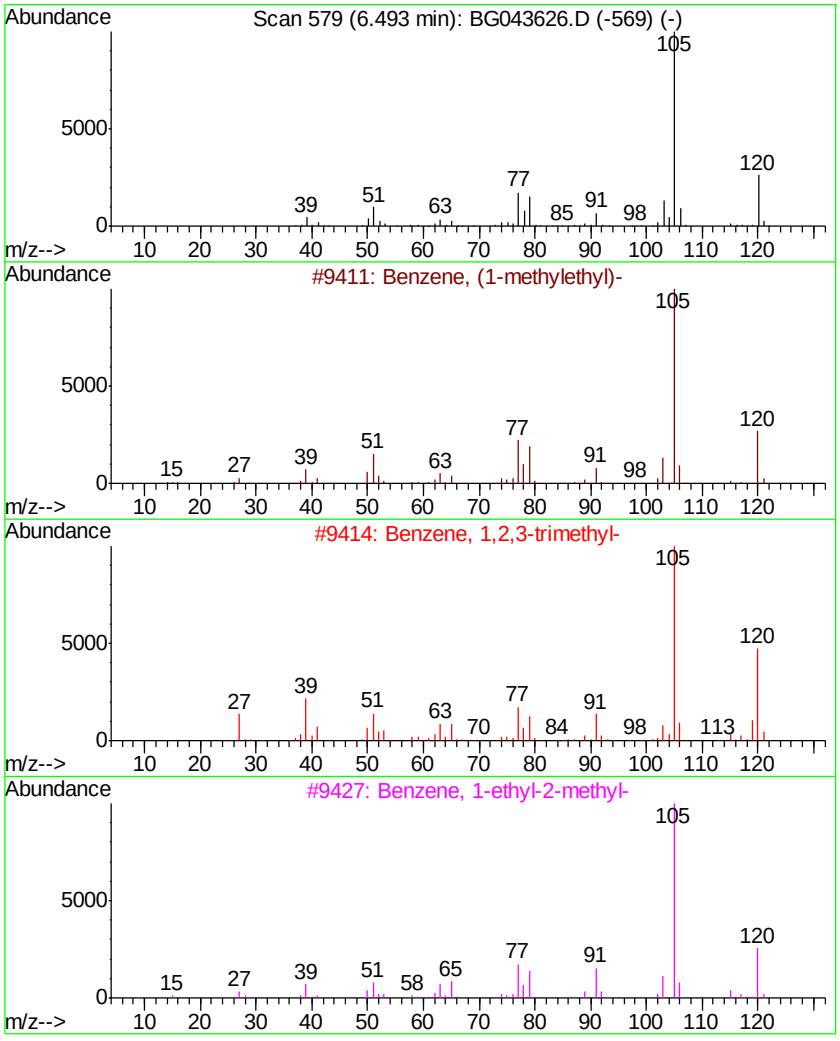
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

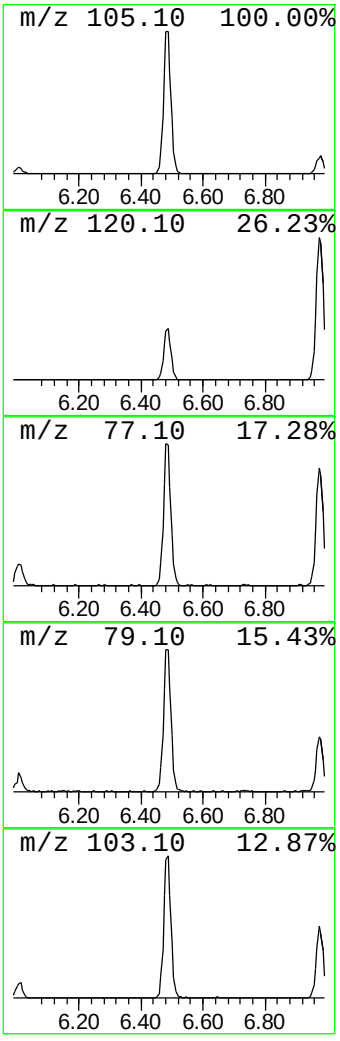
****

Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	110.20 ng	959780	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
Data File : BG043626.D
Acq On : 13 Nov 2019 23:53
Operator : JU
Sample : K5804-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

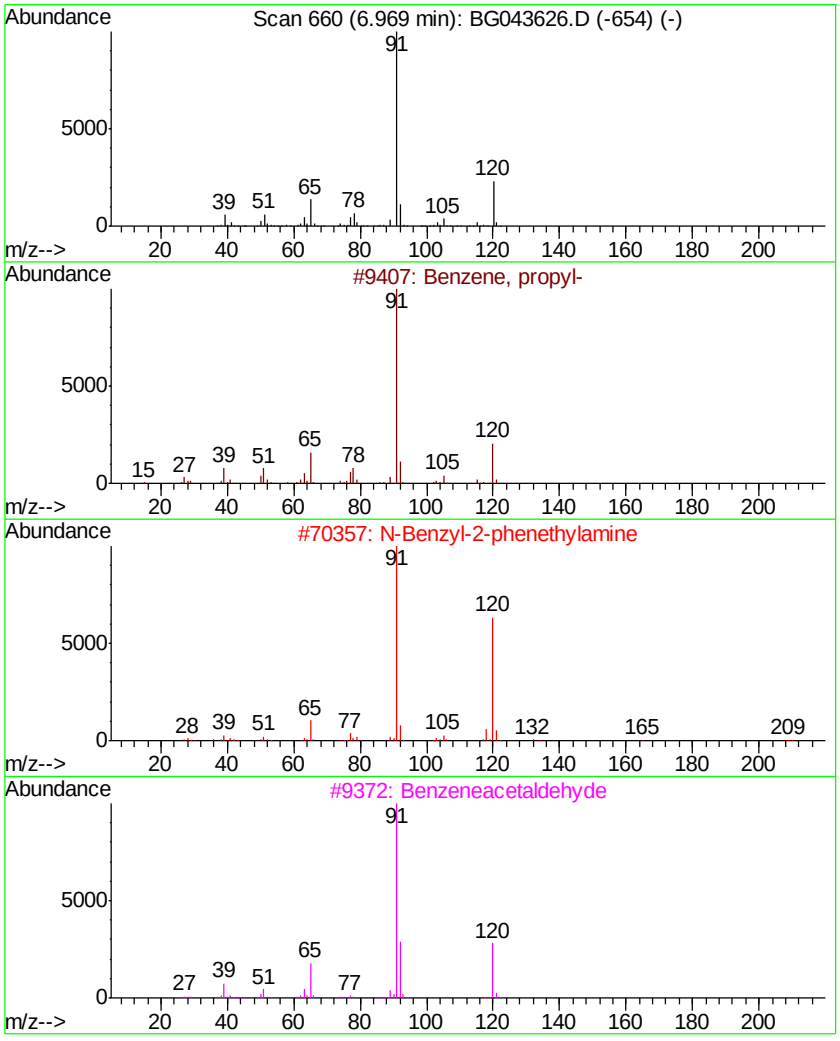
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

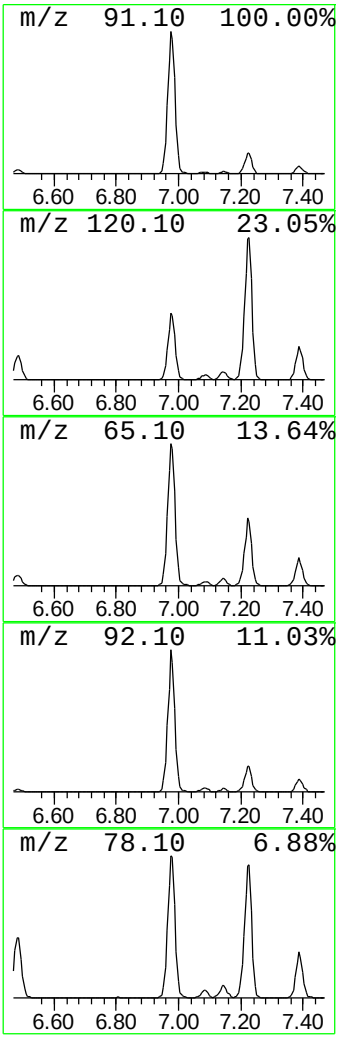
****

Peak Number 5 Benzene, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	272.66 ng	2374670	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3	Benzeneacetaldehyde	120	C8H8O	000122-78-1	58
4	Hydrazinecarboxylic acid, phenyl...	166	C8H10N2O2	005331-43-1	47
5	Benzenepropionic acid, 4-benzyloxy-	256	C16H16O3	050463-48-4	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
Data File : BG043626.D
Acq On : 13 Nov 2019 23:53
Operator : JU
Sample : K5804-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

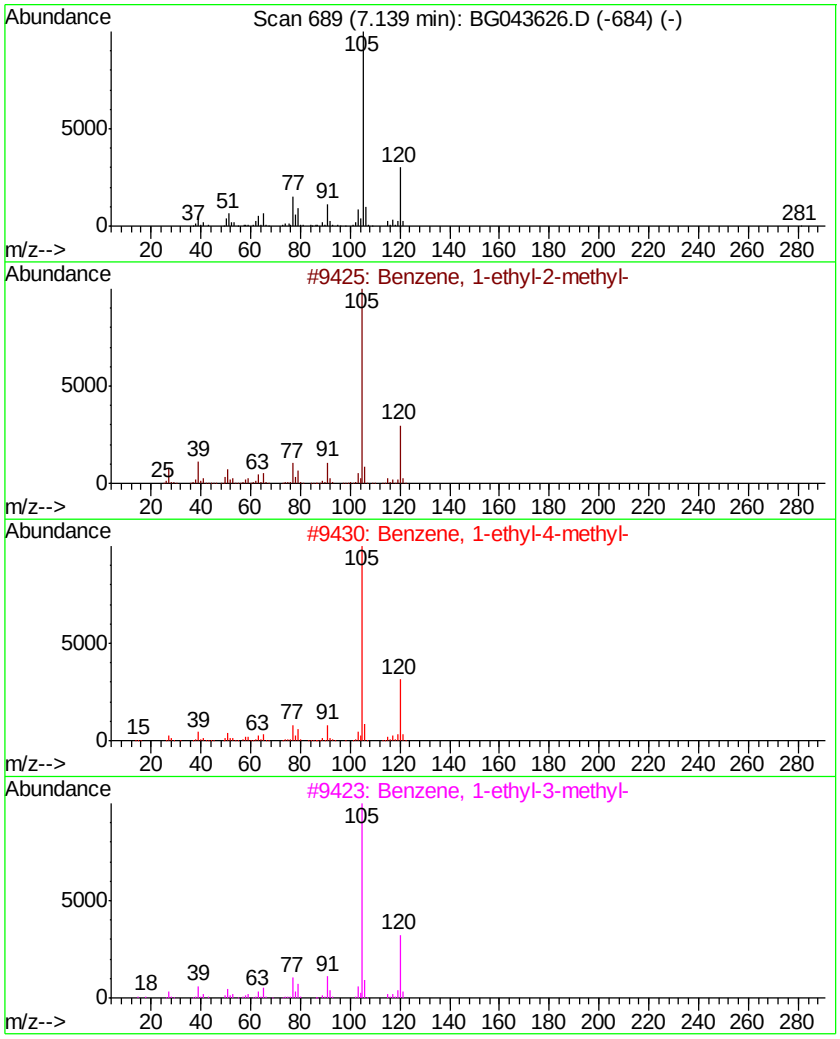
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

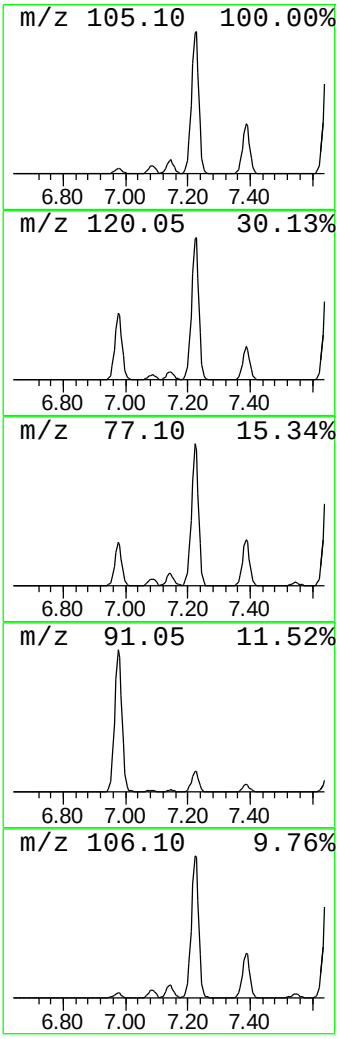
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	35.07 ng	305394	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
Data File : BG043626.D
Acq On : 13 Nov 2019 23:53
Operator : JU
Sample : K5804-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

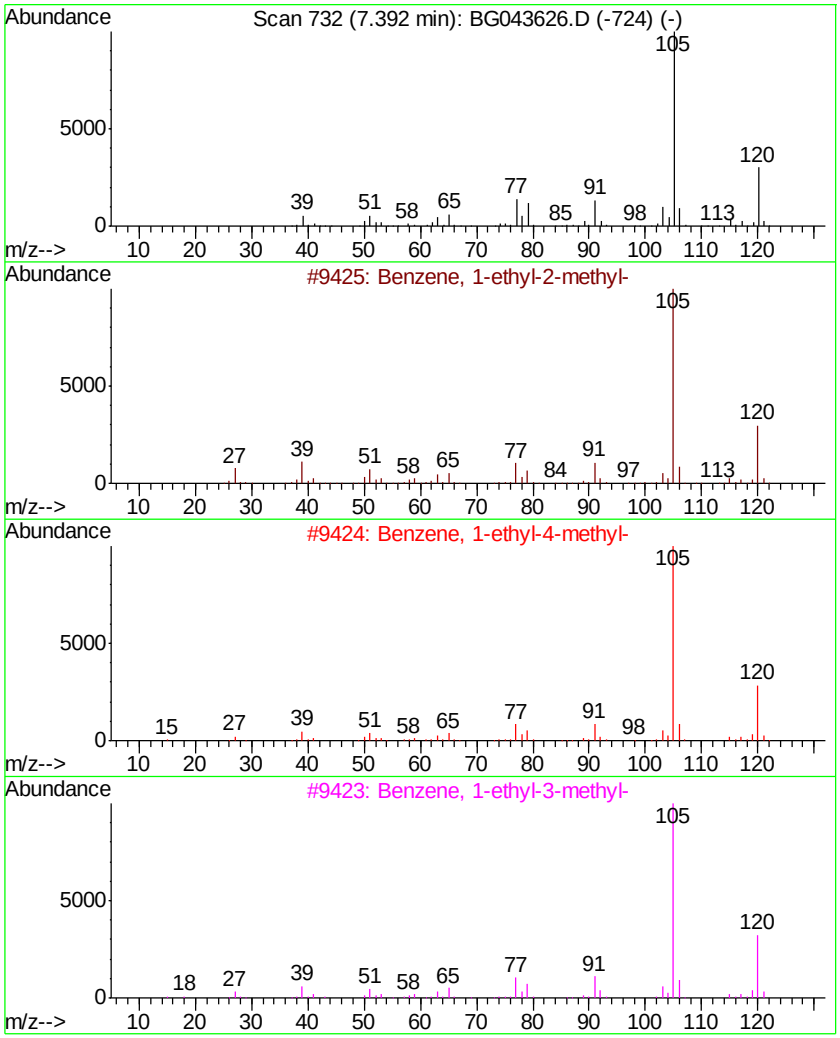
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

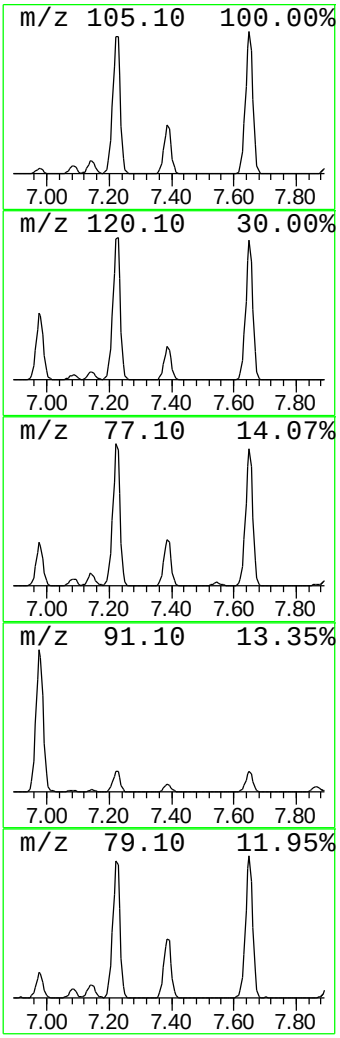
****

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	131.22 ng	1142830	1,4-Dichlorobenzene-d4	8.00

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	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Data File : BG043626.D
Acq On : 13 Nov 2019 23:53
Operator : JU
Sample : K5804-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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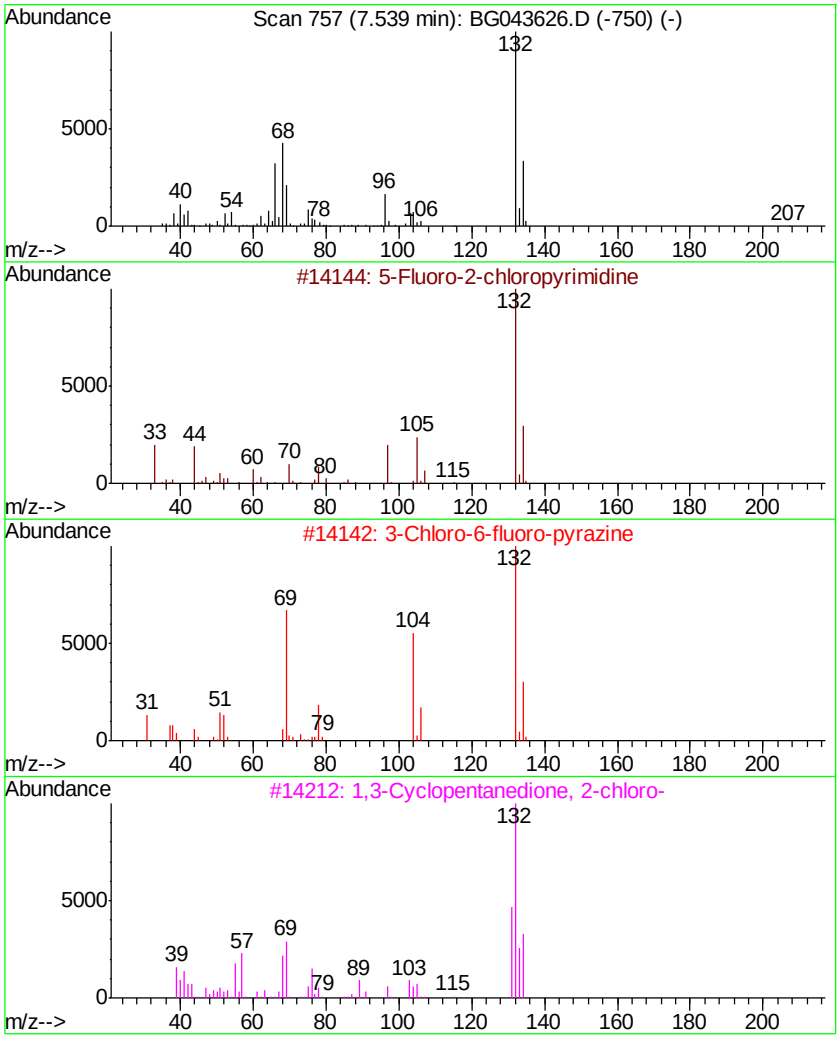
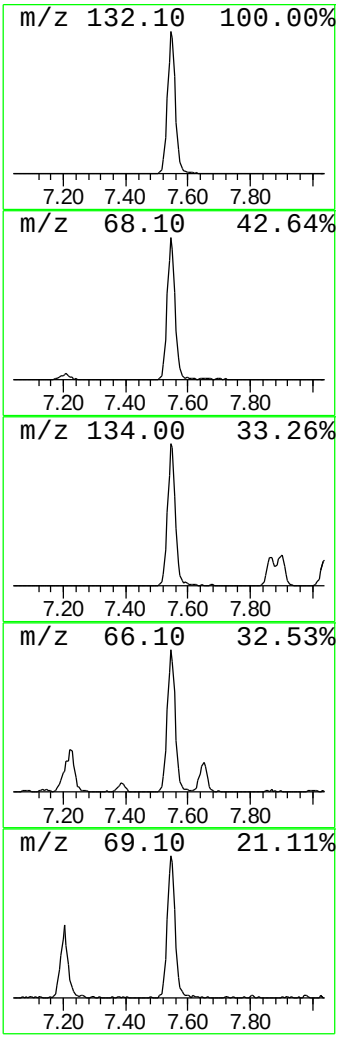
Peak Number 8 unknown7.54 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	69.39 ng	604333	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	12





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Sample : K5804-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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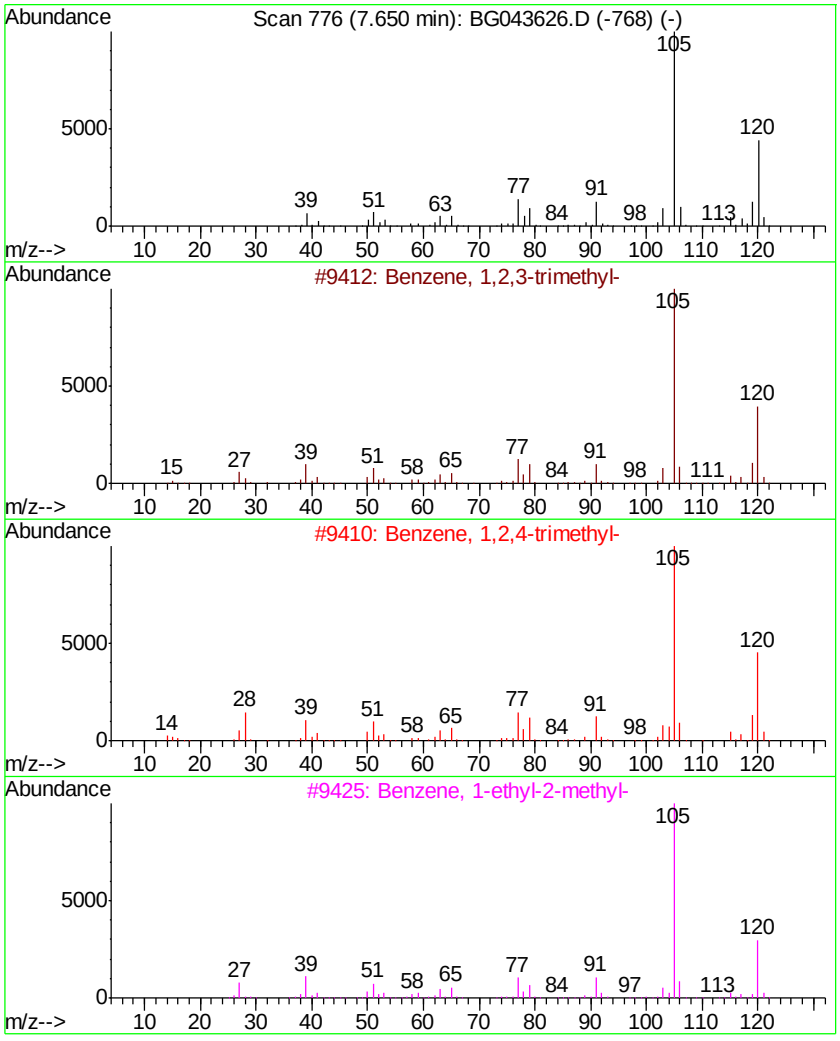
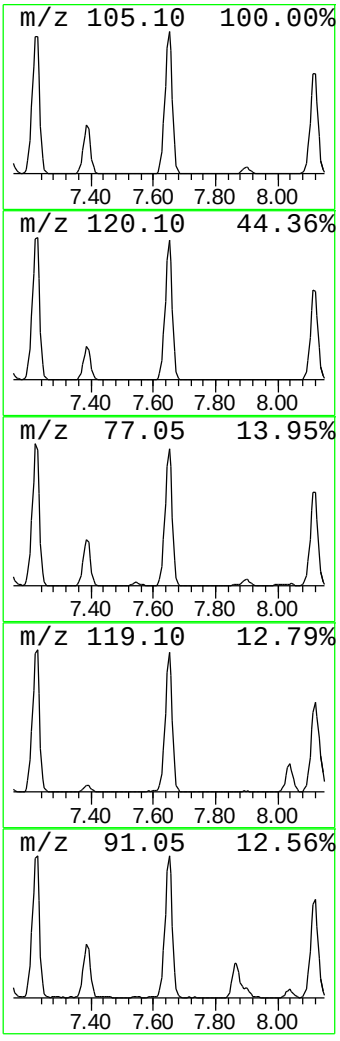
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	425.72 ng	3707700	1,4-Dichlorobenzene-d4	8.00

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	97
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Acq On : 13 Nov 2019 23:53
Operator : JU
Sample : K5804-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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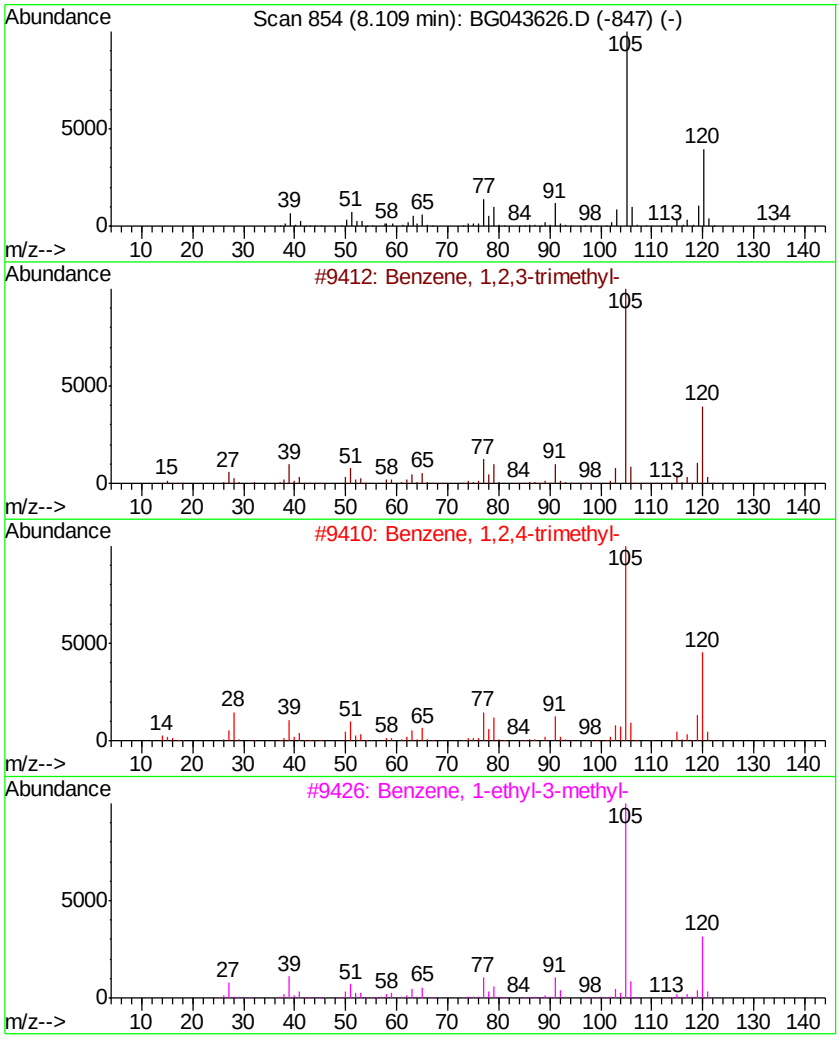
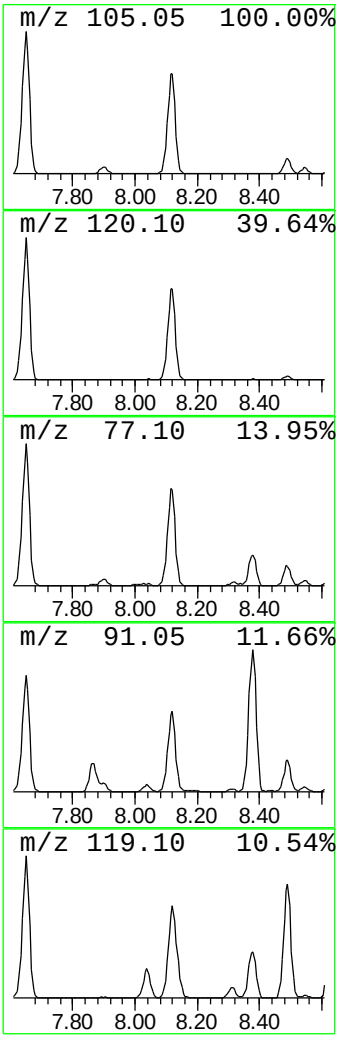
Peak Number 10 Benzene, 1,2,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	307.71 ng	2679970	1,4-Dichlorobenzene-d4	8.00

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	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Data File : BG043626.D
Acq On : 13 Nov 2019 23:53
Operator : JU
Sample : K5804-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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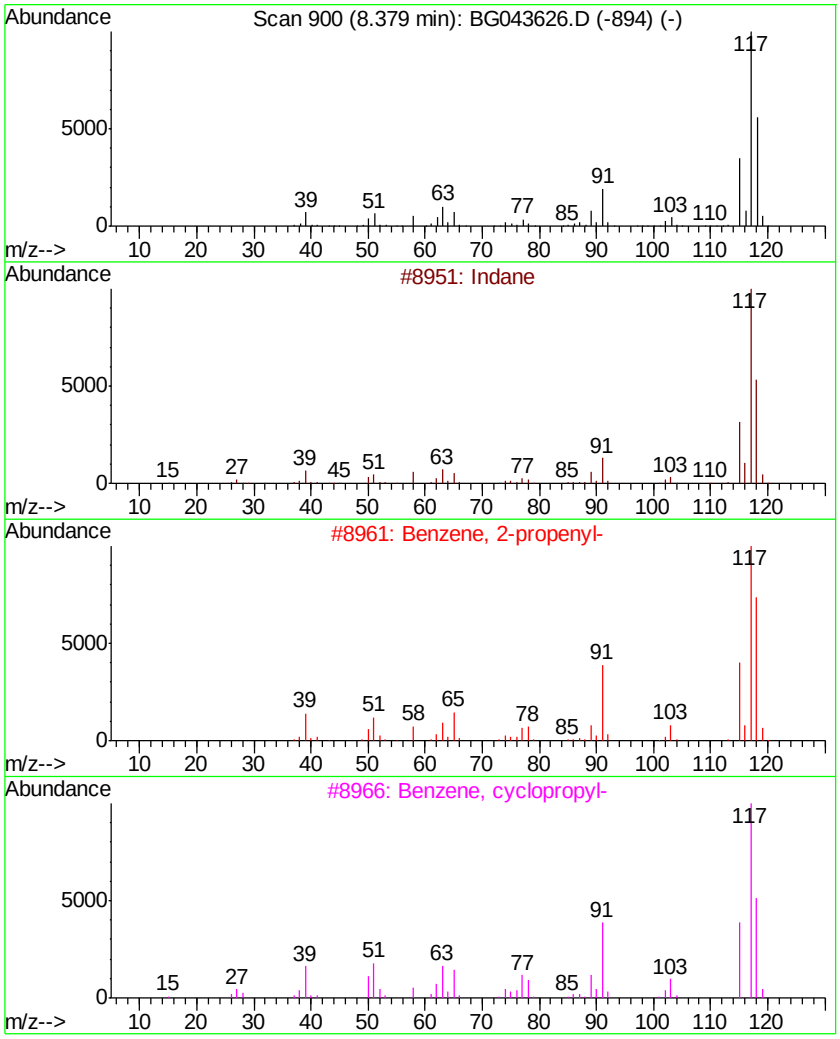
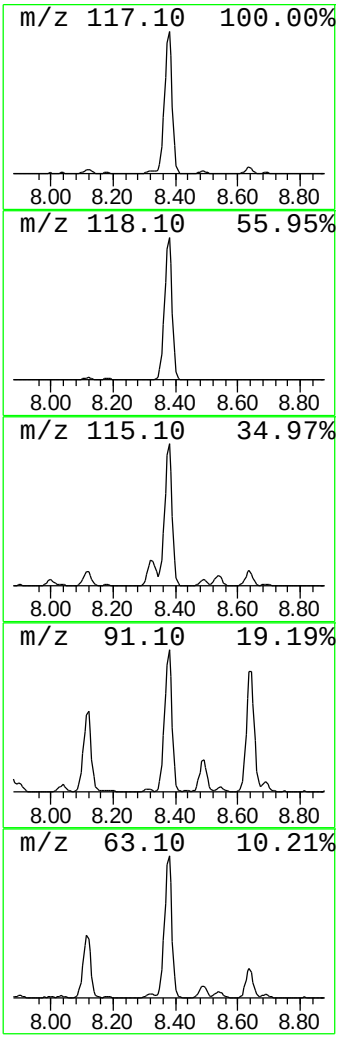
Peak Number 12 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	379.70 ng	3306950	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72





Library Search Compound Report

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Data File : BG043626.D
Acq On : 13 Nov 2019 23:53
Operator : JU
Sample : K5804-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId : GE-MW-58-1S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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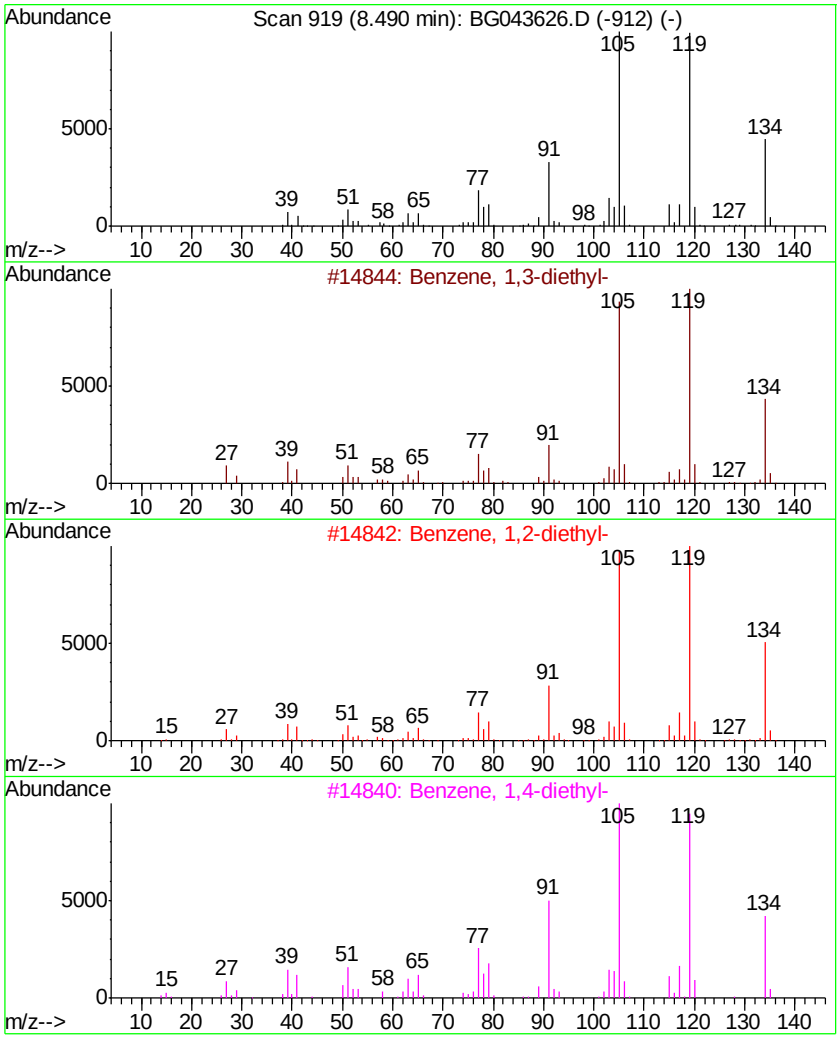
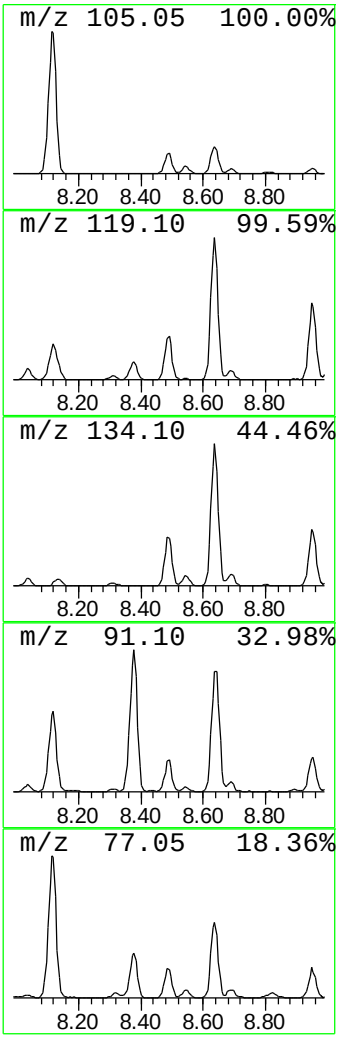
Peak Number 13 Benzene, 1,3-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	72.31 ng	629731	1,4-Dichlorobenzene-d4	8.00

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





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Acq On : 13 Nov 2019 23:53
Operator : JU
Sample : K5804-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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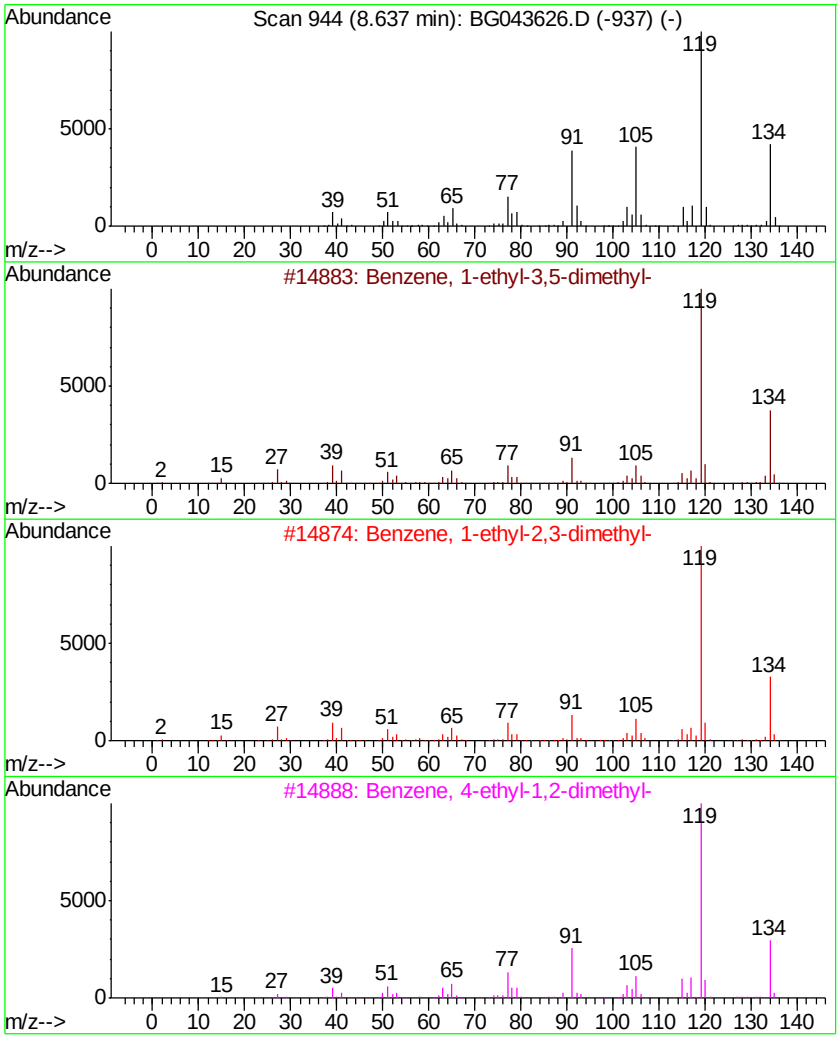
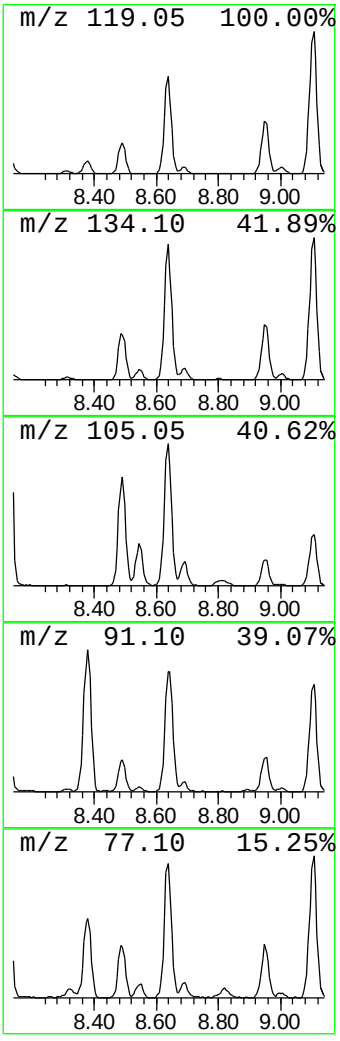
Peak Number 14 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	188.49 ng	1641650	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





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Operator : JU
Sample : K5804-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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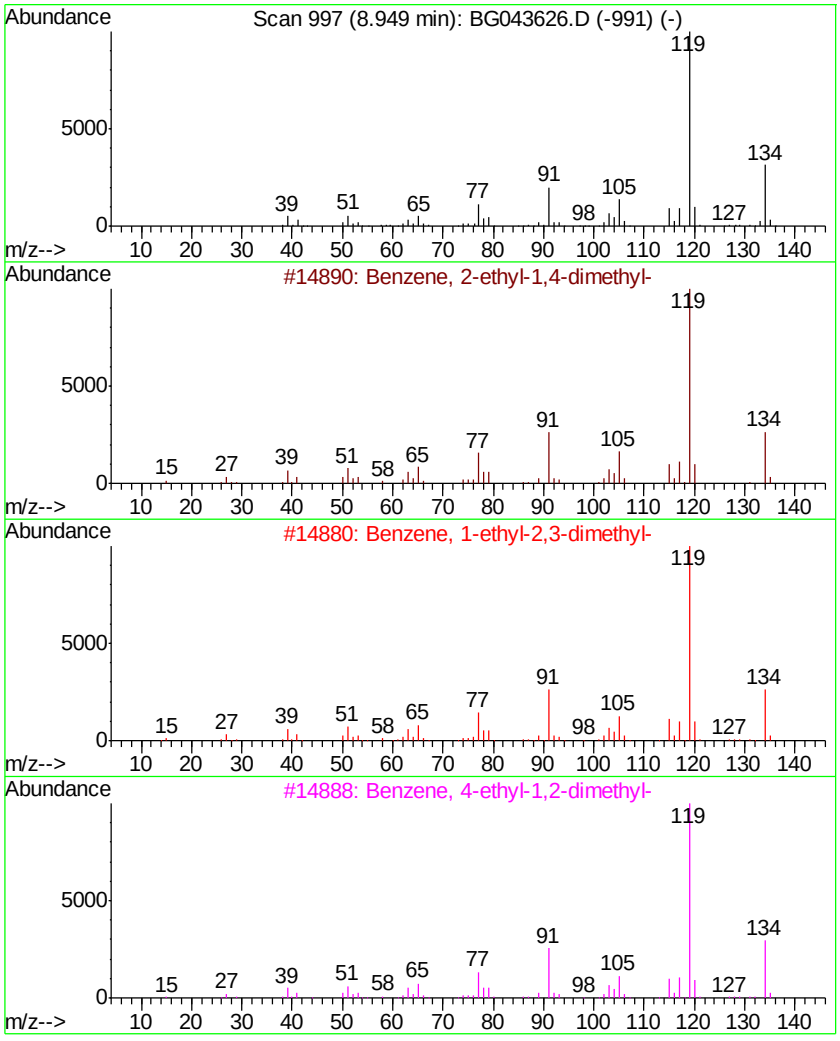
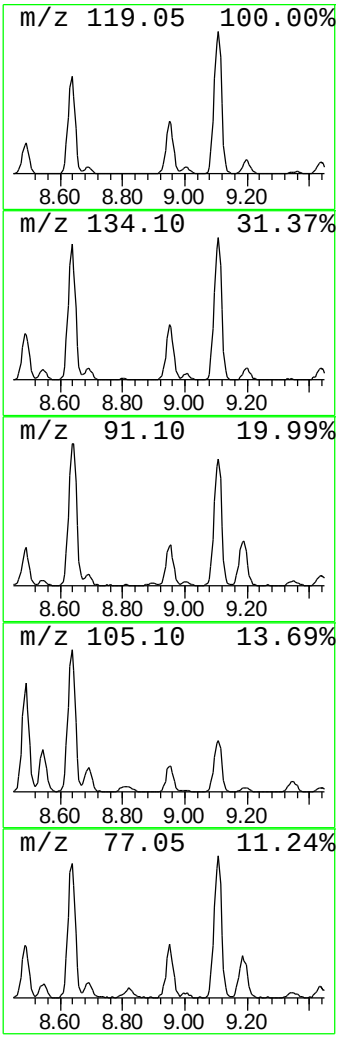
Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	75.69 ng	659223	1,4-Dichlorobenzene-d4	8.00

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	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	p-Cymene	134	C10H14	000099-87-6	94
5	o-Cymene	134	C10H14	000527-84-4	94





Library Search Compound Report

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Operator : JU
Sample : K5804-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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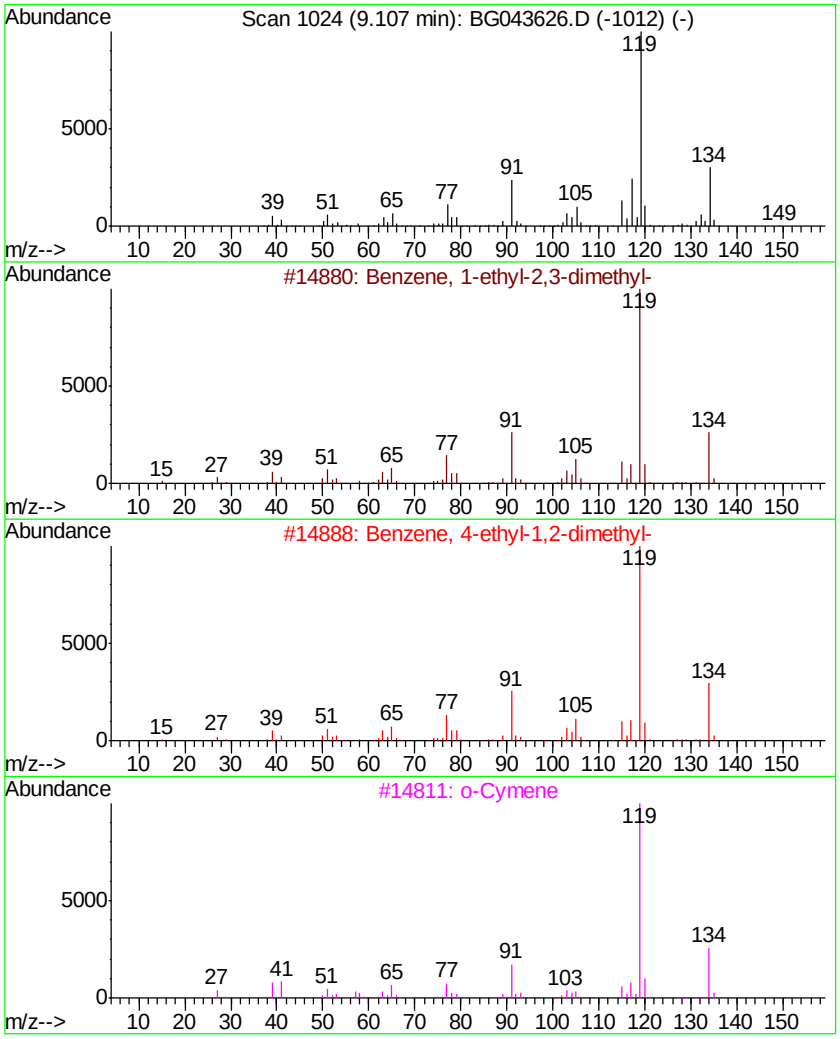
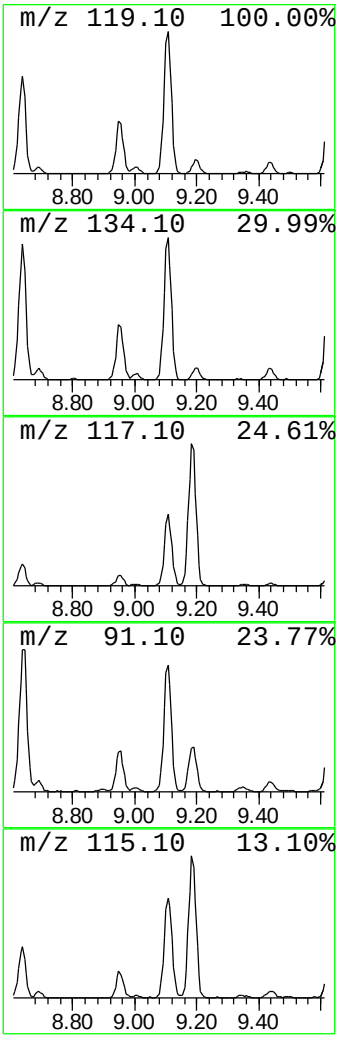
Peak Number 16 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	243.33 ng	2119200	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	o-Cymene	134	C10H14	000527-84-4	93
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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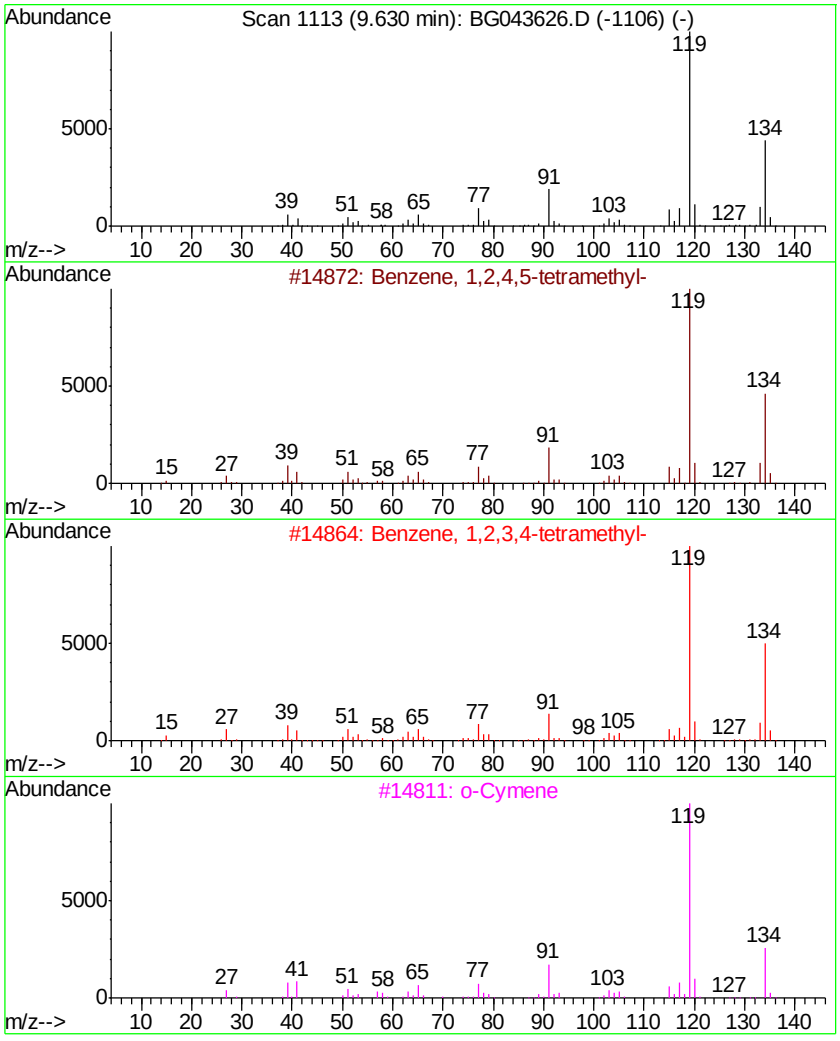
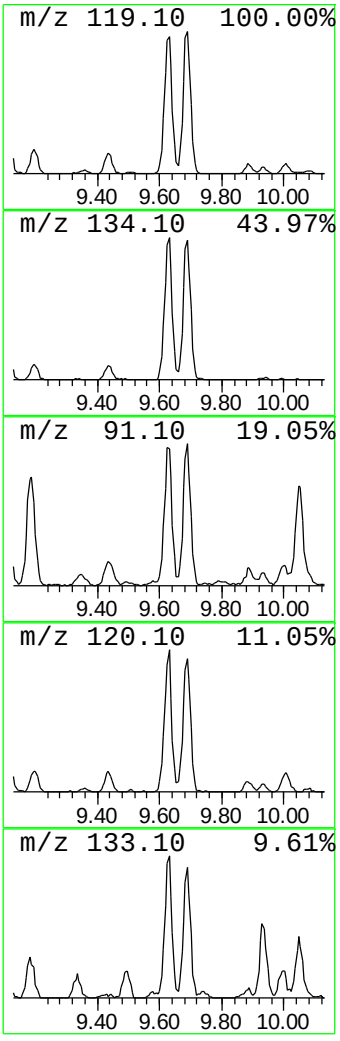
Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	35.21 ng	992902	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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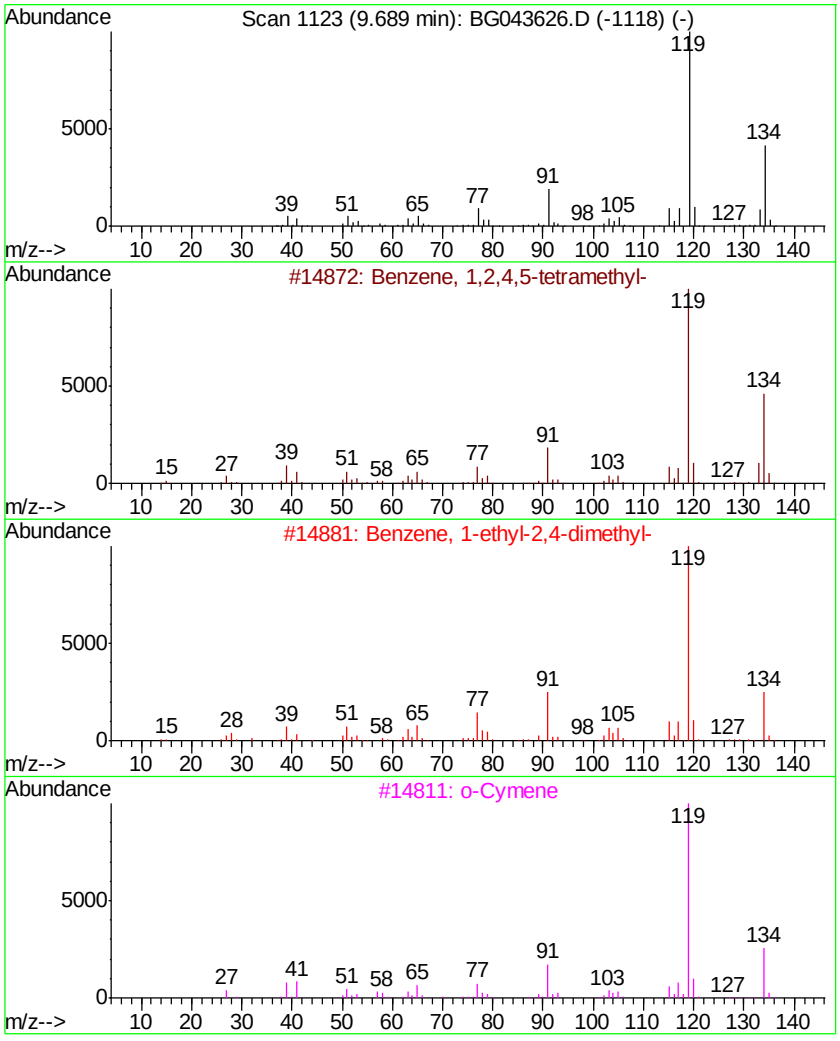
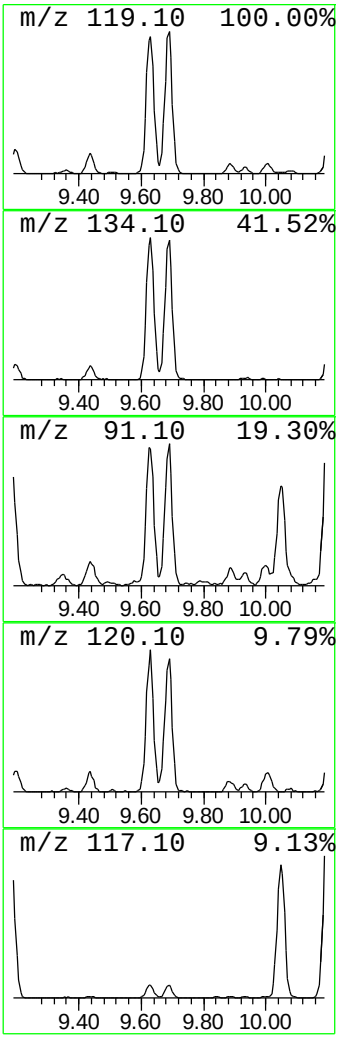
Peak Number 18 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	35.13 ng	990657	Naphthalene-d8	10.81

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-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId : GE-MW-58-1S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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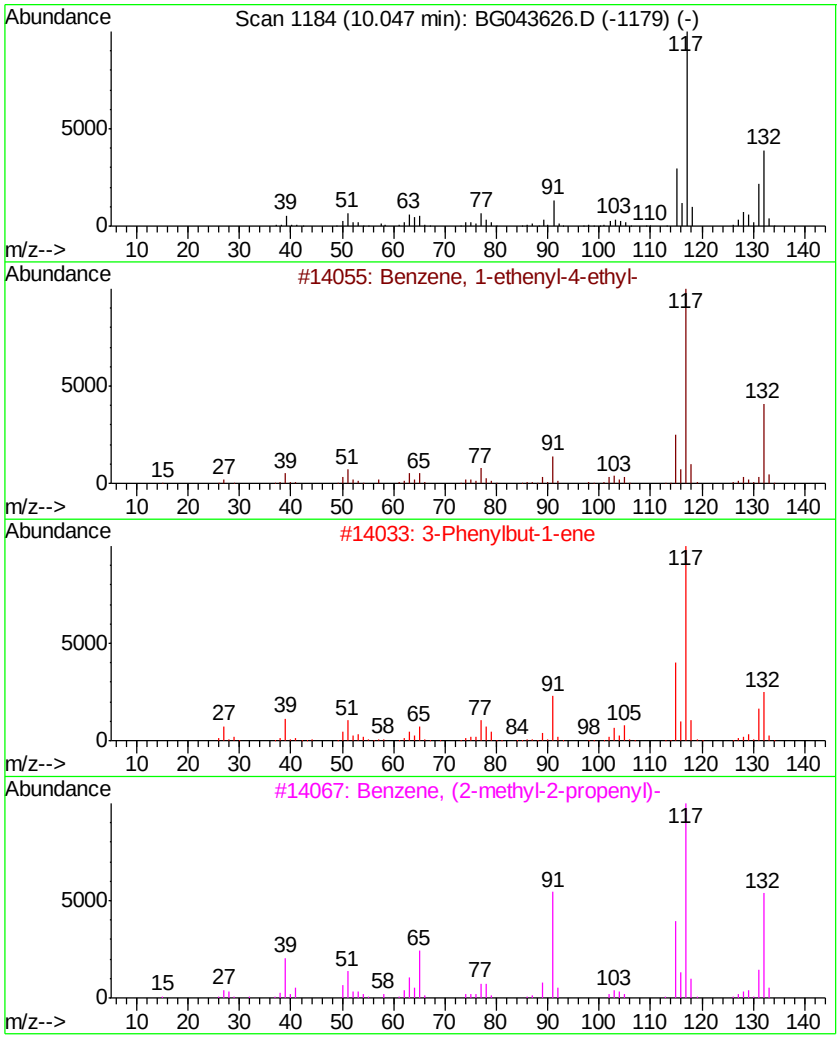
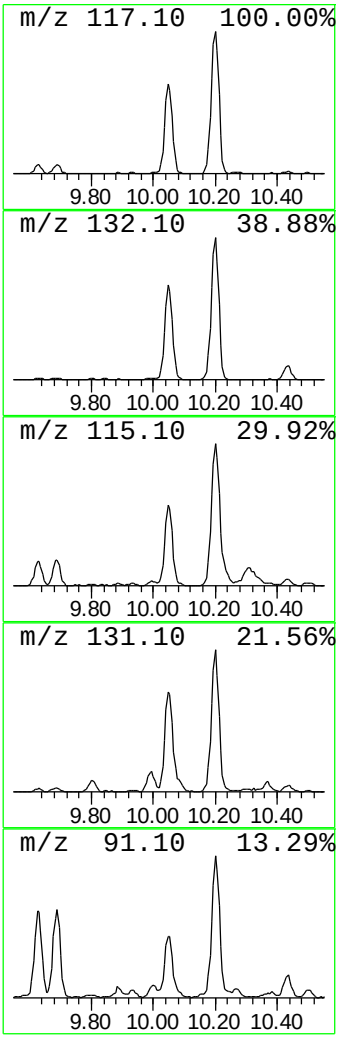
Peak Number 19 3-Phenylbut-1-ene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	41.26 ng	1163650	Naphthalene-d8	10.81

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	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	90
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
Data File : BG043626.D
Acq On : 13 Nov 2019 23:53
Operator : JU
Sample : K5804-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

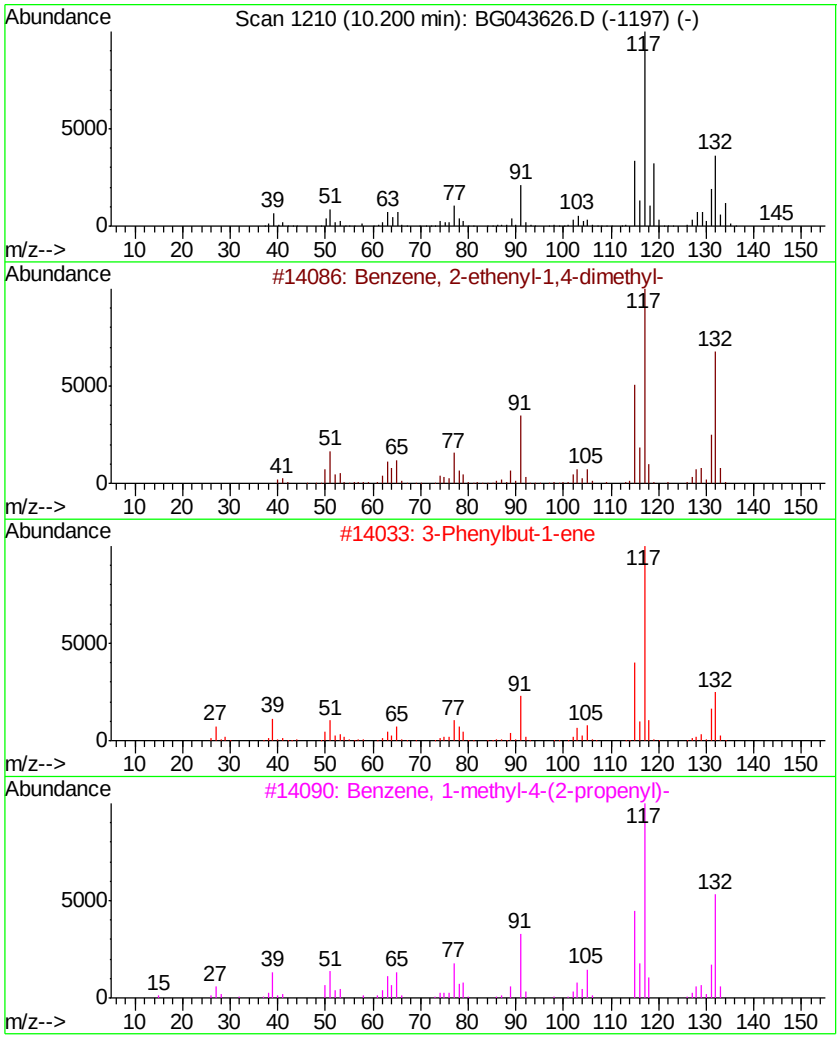
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

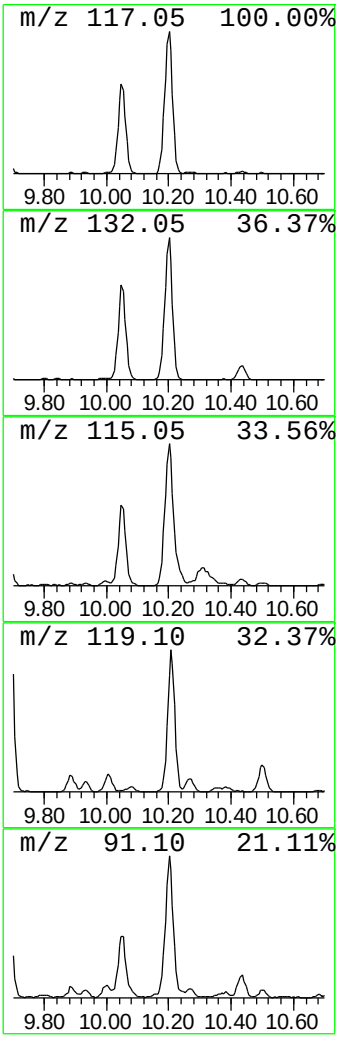
****

Peak Number 20 1-Phenyl-1-butene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	88.47 ng	2495110	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	78
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	76
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111319\
Data File : BG043626.D
Acq On : 13 Nov 2019 23:53
Operator : JU
Sample : K5804-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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
Butane, 2-methoxy...	3.16	81.7	ng	711806	1	8.00	174187	20.0
Benzene, 1,3-dime...	6.01	26.8	ng	233387	1	8.00	174187	20.0
Benzene, (1-methy...	6.49	110.2	ng	959780	1	8.00	174187	20.0
Benzene, propyl-	6.97	272.7	ng	2374670	1	8.00	174187	20.0
Benzene, 1-ethyl-...	7.14	35.1	ng	305394	1	8.00	174187	20.0
Benzene, 1-ethyl-...	7.39	131.2	ng	1142830	1	8.00	174187	20.0
unknown7.54	7.54	69.4	ng	604333	1	8.00	174187	20.0
Benzene, 1,2,3-tr...	7.65	425.7	ng	3707700	1	8.00	174187	20.0
Benzene, 1,2,4-tr...	8.11	307.7	ng	2679970	1	8.00	174187	20.0
Indane	8.38	379.7	ng	3306950	1	8.00	174187	20.0
Benzene, 1,3-diet...	8.49	72.3	ng	629731	1	8.00	174187	20.0
Benzene, 1-ethyl-...	8.64	188.5	ng	1641650	1	8.00	174187	20.0
Benzene, 2-ethyl-...	8.95	75.7	ng	659223	1	8.00	174187	20.0
Benzene, 1-ethyl-...	9.11	243.3	ng	2119200	1	8.00	174187	20.0
Benzene, 1,2,4,5-...	9.63	35.2	ng	992902	2	10.81	564042	20.0
Benzene, 1-ethyl-...	9.69	35.1	ng	990657	2	10.81	564042	20.0
3-Phenylbut-1-ene	10.05	41.3	ng	1163650	2	10.81	564042	20.0
1-Phenyl-1-butene	10.20	88.5	ng	2495110	2	10.81	564042	20.0