LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094750.D
Acq On : 1 May 2017 14:44
Operator : SJ/MA
Sample : I2902-06 100X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7BD

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_F\METHODS\8270-BF041717.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	2.960	170	174	185	rVB	220559	238775	13.06%	2.692%
2	4.160	374	378	384	rVB	274871	268719	14.70%	3.030%
3	4.260	391	395	406	rBV	291318	380839	20.83%	4.294%
4	4.343	406	409	417	rBV2	19683	27539	1.51%	0.310%
5	4.519	434	439	443	rBV2	154832	165343	9.05%	1.864%
6	5.237	557	561	564	rBV	131899	108609	5.94%	1.224%
7	5.272	564	567	570	rVB	30638	25945	1.42%	0.293%
8	5.319	572	575	579	rVB	35089	31770	1.74%	0.358%
9	5.413	588	591	594	rBV	26158	23897	1.31%	0.269%
10	5.525	607	610	614	rBV	42959	50962	2.79%	0.575%
11	5.566	614	617	621	rVV2	97705	97064	5.31%	1.094%
12	5.760	646	650	654	rBV	609361	541414	29.62%	6.104%
13	5.825	659	661	664	rBV	30052	28744	1.57%	0.324%
14	5.937	677	680	682	rBV	47932	40356	2.21%	0.455%
15	5.960	682	684	688	rVB	22627	21354	1.17%	0.241%
16	6.054	696	700	704	rBV	604883	523331	28.63%	5.900%
17	6.413	758	761	764	rBV	26138	27059	1.48%	0.305%
18	6.966	849	855	858	rBV2	56969	84588	4.63%	0.954%
19	7.001	858	861	869	rVB	47468	70936	3.88%	0.800%
20	7.254	900	904	906	rBV	859042	823654	45.06%	9.286%
21	7.284	906	909	912	rVV	1947317	1827973	100.00%	20.608%
22	7.342	916	919	923	rVB	20071	19583	1.07%	0.221%
23	8.119	1048	1051	1059	rBV	132877	127761	6.99%	1.440%
24	8.237	1068	1071	1080	rBV	97259	98705	5.40%	1.113%
25	8.572	1125	1128	1135	rBV	73454	65783	3.60%	0.742%
26	8.695	1145	1149	1155	rVB	30005	28741	1.57%	0.324%
27	9.213	1234	1237	1246	rVB	46932	46551	2.55%	0.525%
28	9.389	1263	1267	1271	rBV2	835950	863688	47.25%	9.737%
29	9.425	1271	1273	1281	rVB	69642	76162	4.17%	0.859%
30	10.066	1379	1382	1389	rBB	22792	23604	1.29%	0.266%
31	10.372	1432	1434	1439	rVB	20385	20055	1.10%	0.226%
32	11.213	1573	1577	1580	rBV	811189	795556	43.52%	8.969%
33	11.236	1580	1581	1588	rVB	47247	44575	2.44%	0.503%
34	13.183	1908	1912	1918	rVB	67204	63600	3.48%	0.717%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.460	2125	2129	2137	rBV	613593	679414	37.17%	7.660%
36	16.089	2402	2406	2414	rBV	413336	507351	27.75%	5.720%

Sum of corrected areas: 8870000

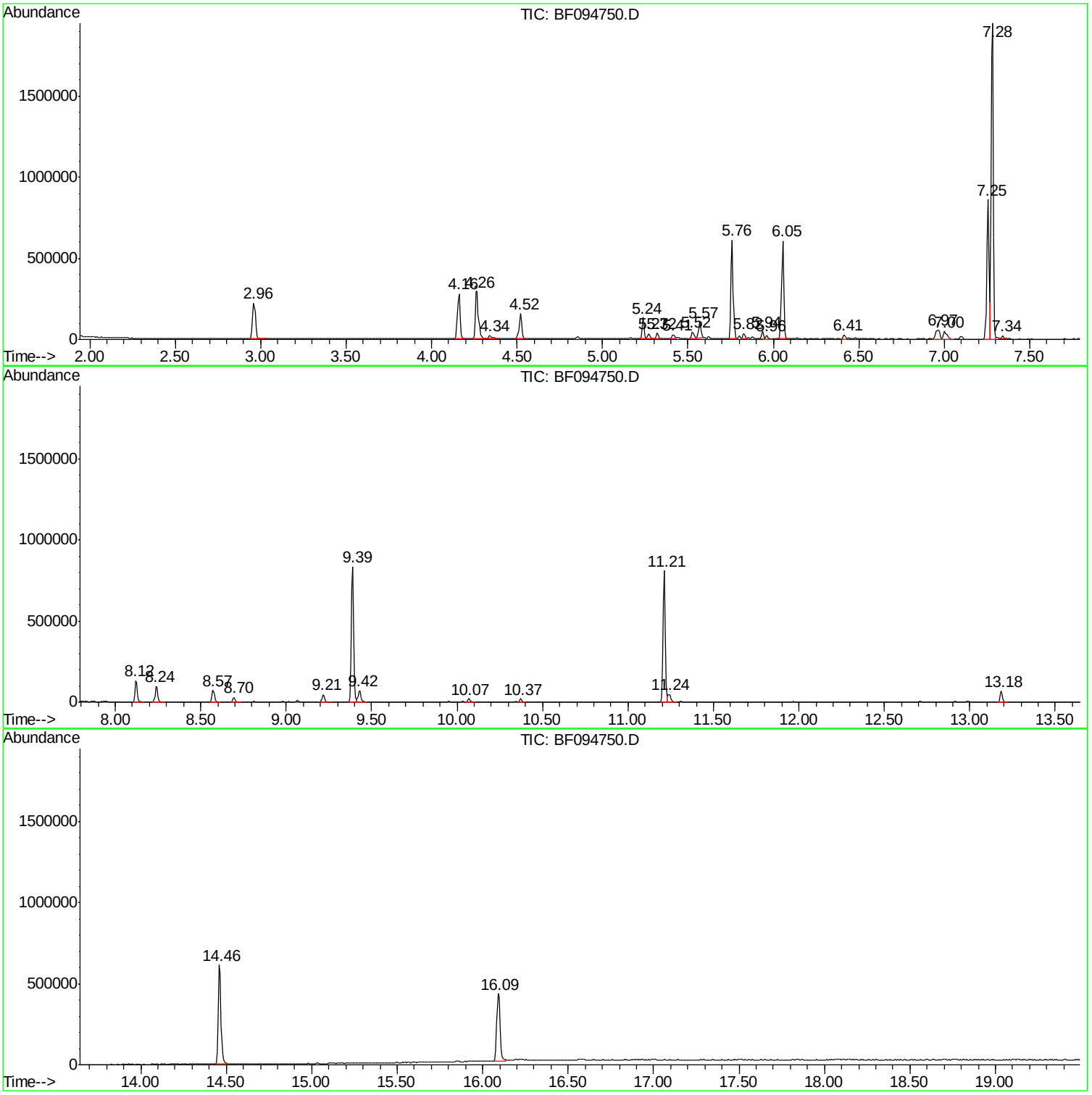
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094750.D
Acq On : 1 May 2017 14:44
Operator : SJ/MA
Sample : I2902-06 100X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7BD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094750.D
Acq On : 1 May 2017 14:44
Operator : SJ/MA
Sample : I2902-06 100X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7BD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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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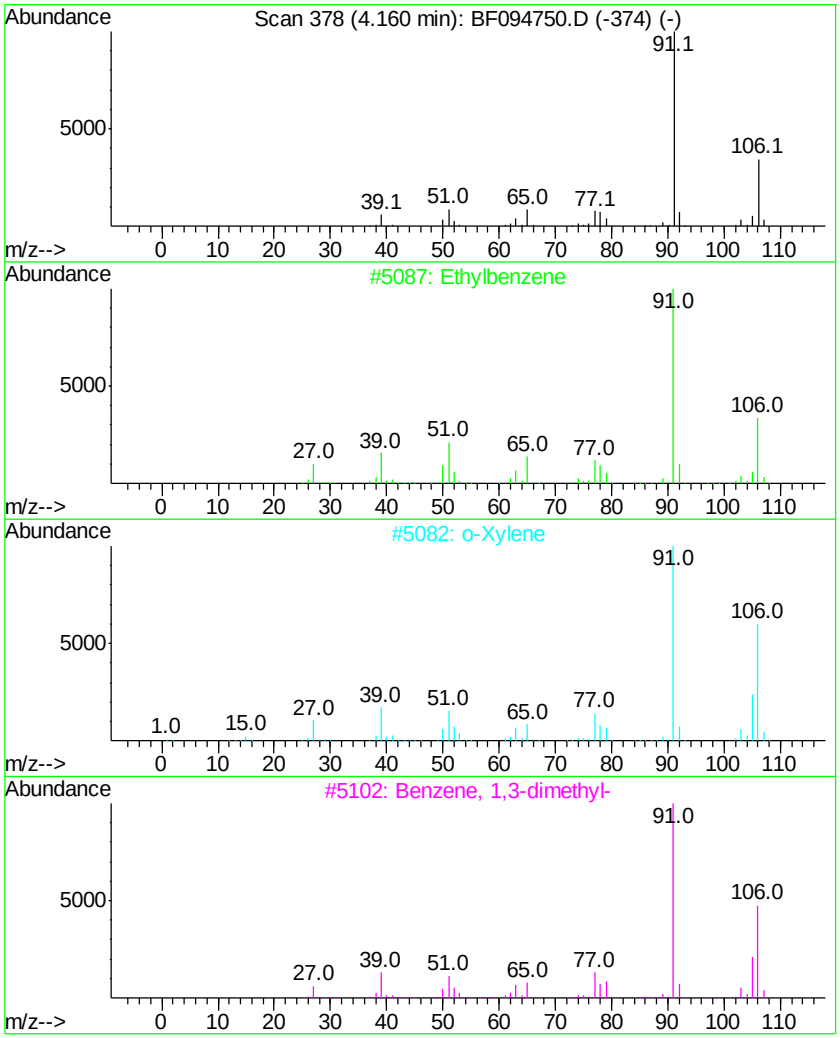
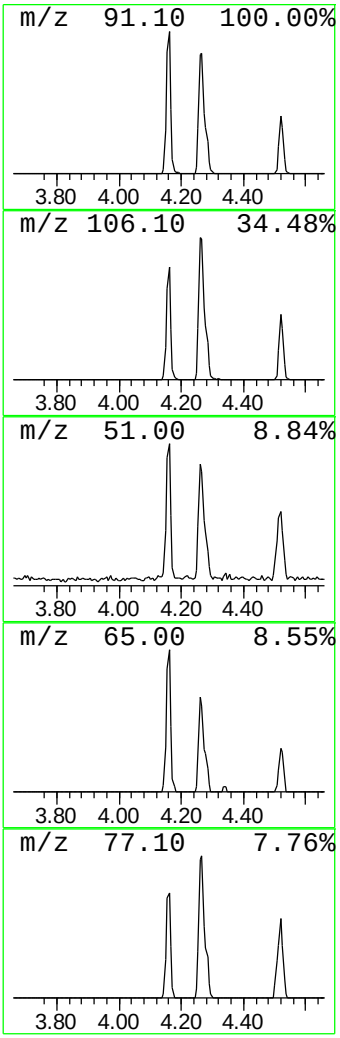
Peak Number 2 Ethylbenzene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.16	9.93 ng	268719	1,4-Dichlorobenzene-d4	5.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	91
2	o-Xylene	106	C8H10	000095-47-6	68
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	64
4	p-Xylene	106	C8H10	000106-42-3	64
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094750.D
Acq On : 1 May 2017 14:44
Operator : SJ/MA
Sample : I2902-06 100X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7BD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

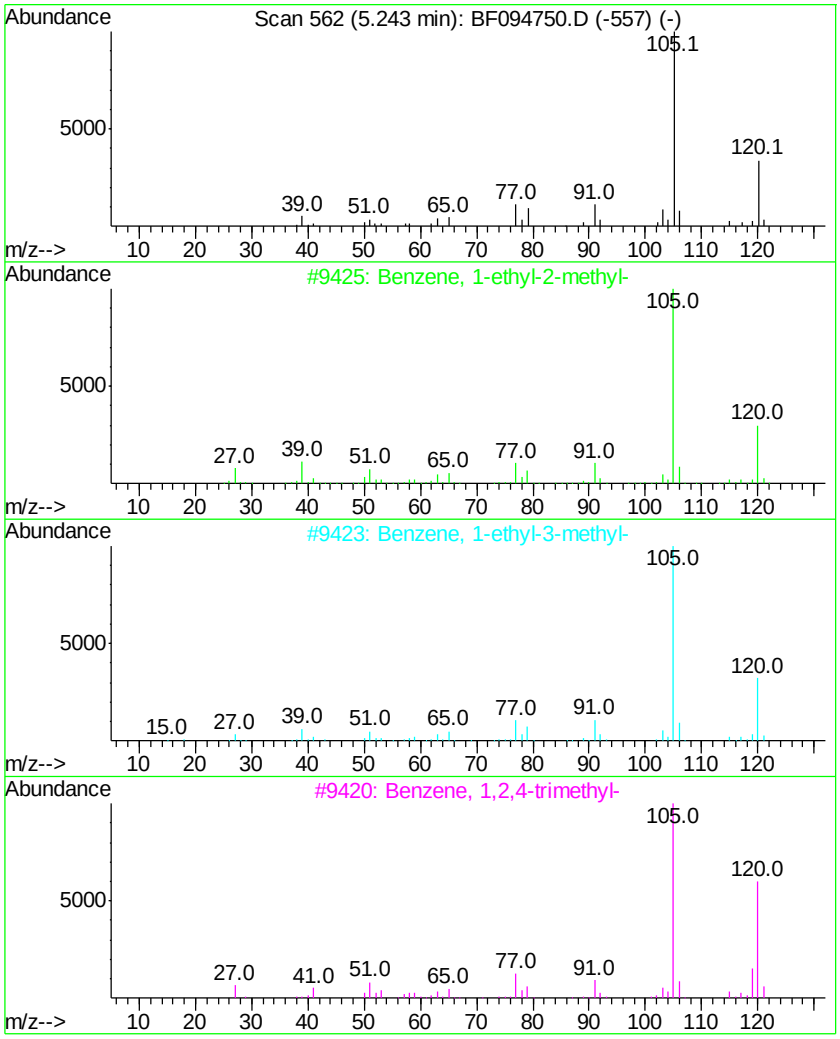
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

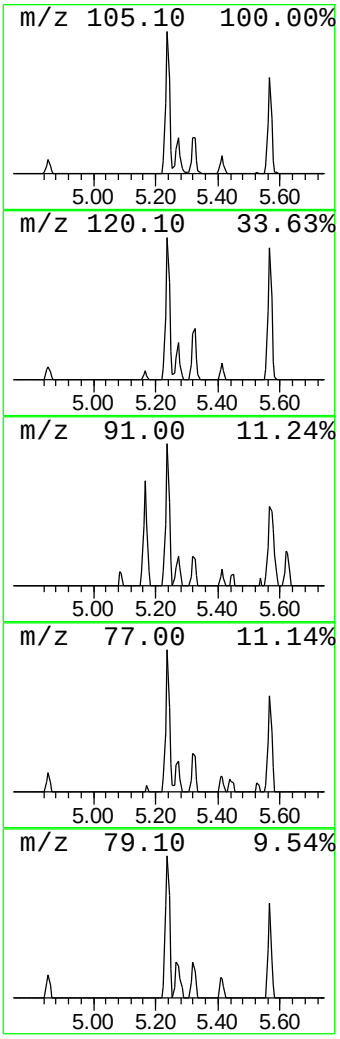
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	4.01 ng	108609	1,4-Dichlorobenzene-d4	5.76

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-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	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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Data File : BF094750.D
Acq On : 1 May 2017 14:44
Operator : SJ/MA
Sample : I2902-06 100X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7BD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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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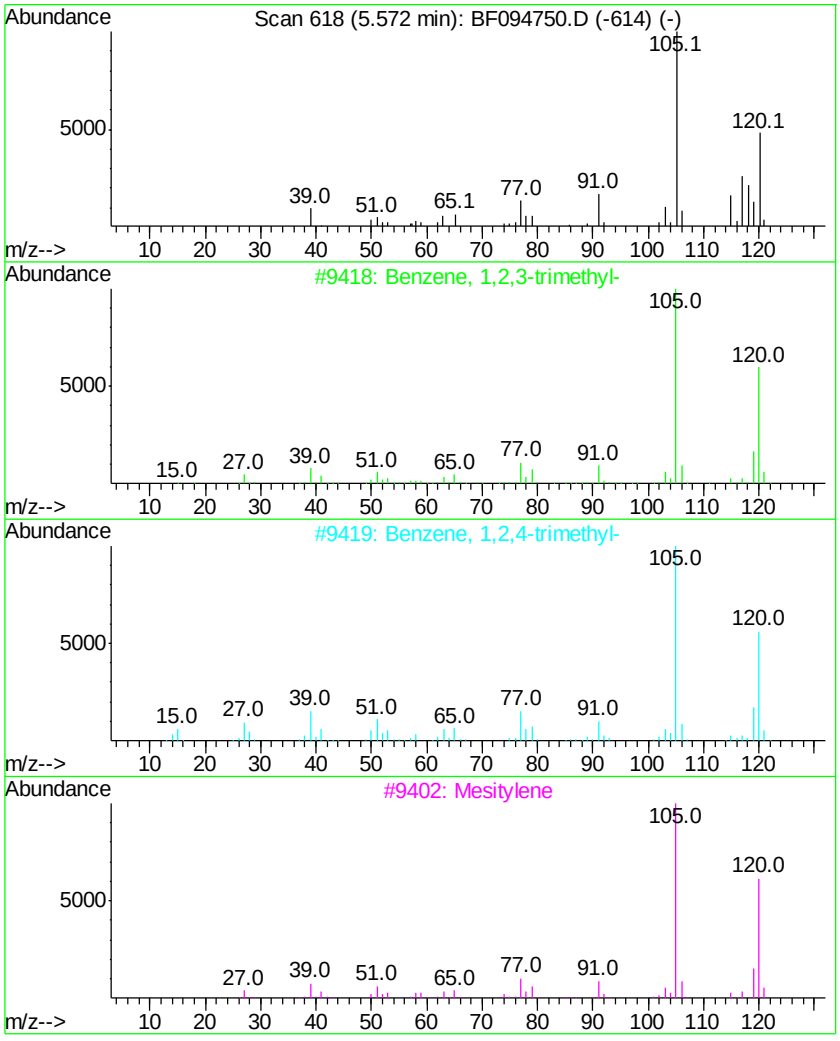
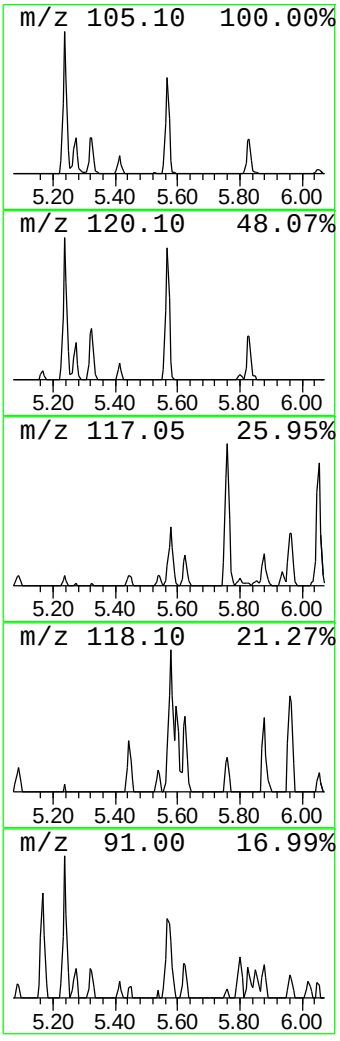
Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	3.59 ng	97064	1,4-Dichlorobenzene-d4	5.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094750.D
Acq On : 1 May 2017 14:44
Operator : SJ/MA
Sample : I2902-06 100X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7BD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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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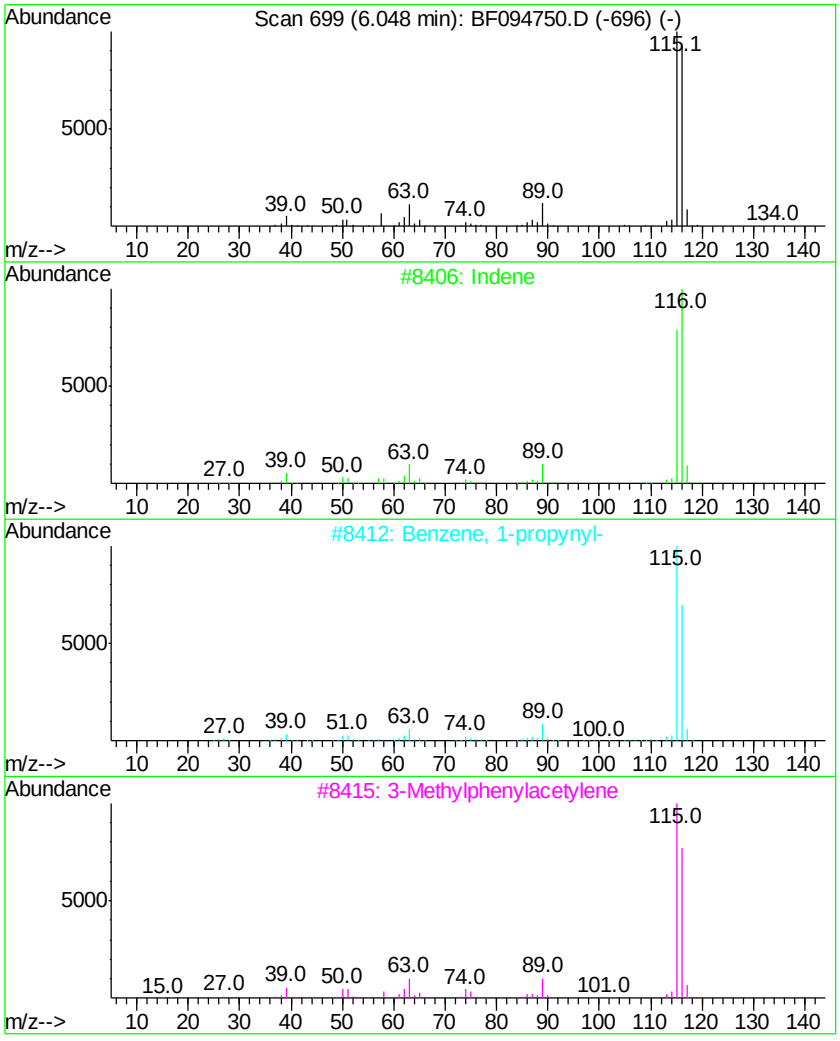
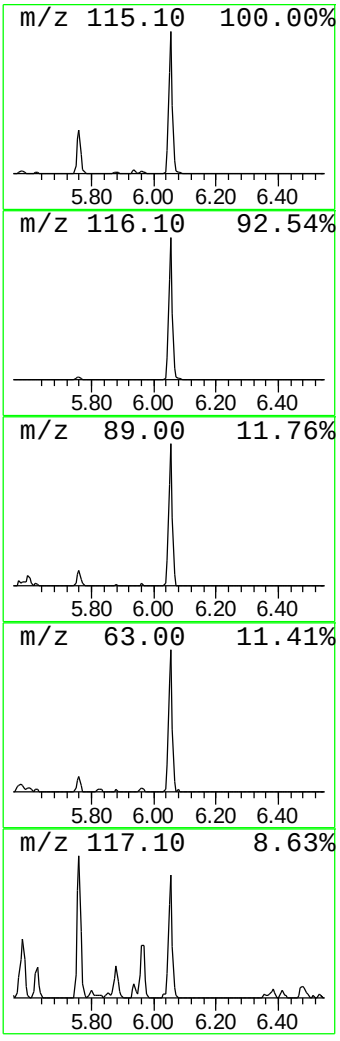
Peak Number 7 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	19.33 ng	523331	1,4-Dichlorobenzene-d4	5.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90





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Sample : I2902-06 100X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7BD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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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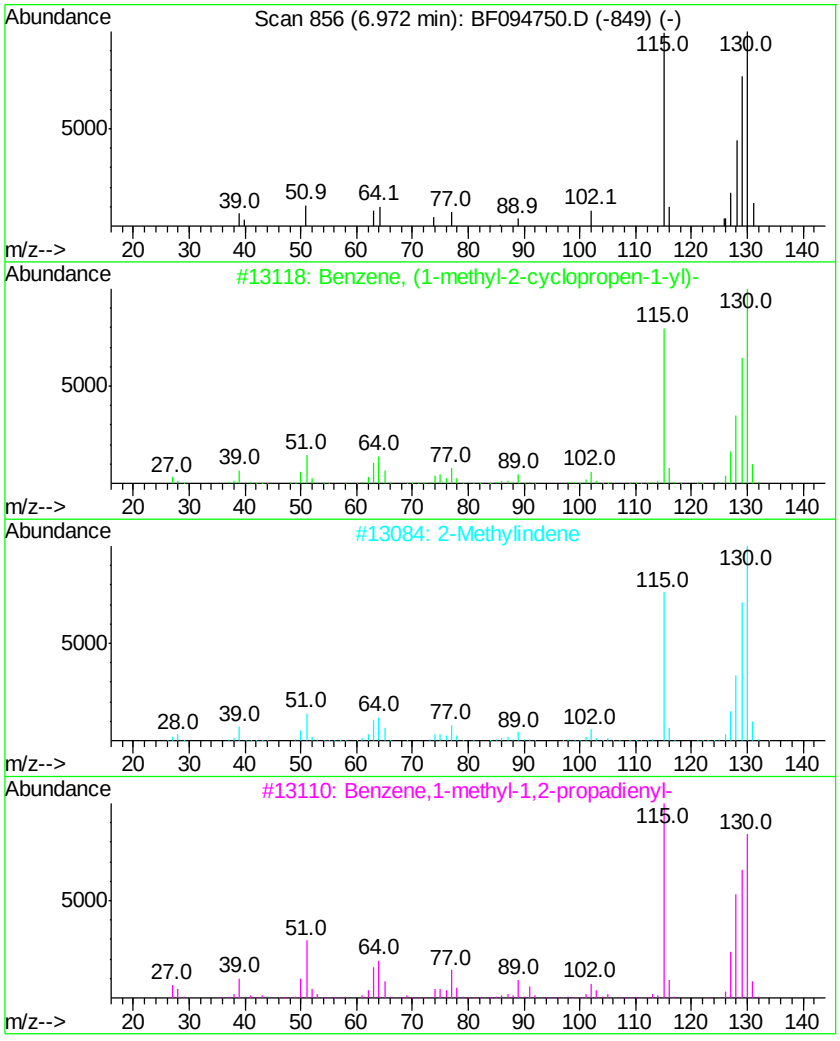
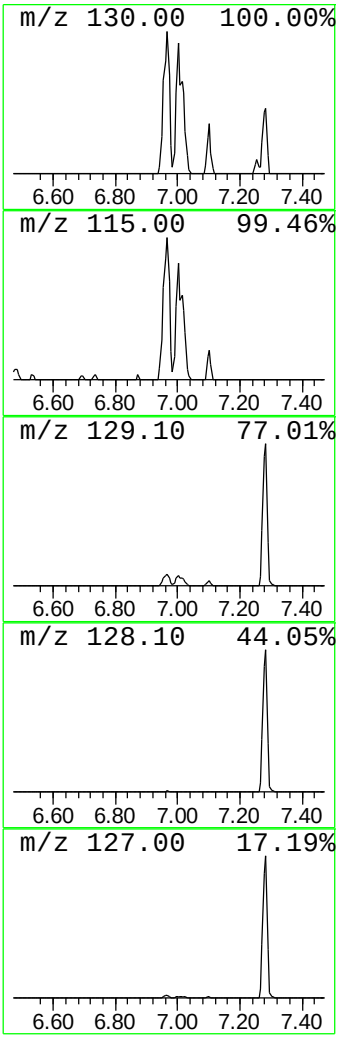
Peak Number 8 Benzene, (1-methyl-2-cyclop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	2.05 ng	84588	Naphthalene-d8	7.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
2	2-Methylindene	130	C10H10	002177-47-1	96
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethylbenzene	4.16	9.9	ng	268719	1	5.76	541414	20.0
Benzene, 1-ethyl-...	5.24	4.0	ng	108609	1	5.76	541414	20.0
Benzene, 1,2,3-tr...	5.57	3.6	ng	97064	1	5.76	541414	20.0
Indene	6.05	19.3	ng	523331	1	5.76	541414	20.0
Benzene, (1-methy...	6.97	2.0	ng	84588	2	7.25	823654	20.0