LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
Data File : BF084346.D
Acq On : 9 Jan 2016 1:26
Operator : SJ/UM
Sample : H1036-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-DRUM1

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-BF123115.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	2.601	35	45	47	rVV4	23537	113026	1.34%	0.136%
2	2.704	51	54	57	rVB	208692	259239	3.08%	0.312%
3	4.407	201	203	206	rBV	109863	131514	1.56%	0.158%
4	5.058	257	260	266	rVB	1393233	2344447	27.89%	2.825%
5	5.481	295	297	300	rBV	5245620	6890613	81.99%	8.303%
6	6.510	384	387	389	rBV	6022644	6180118	73.53%	7.447%
7	6.636	395	398	400	rBV	7599275	8014934	95.36%	9.658%
8	6.704	400	404	409	rVB4	68648	172884	2.06%	0.208%
9	6.853	415	417	420	rBV	1994873	1705343	20.29%	2.055%
10	7.013	428	431	433	rBV	6428724	5882219	69.99%	7.088%
11	7.116	437	440	442	rVB	336714	281990	3.36%	0.340%
12	7.424	464	467	469	rVB	5023284	5247610	62.44%	6.323%
13	7.539	472	477	480	rBV2	86693	164811	1.96%	0.199%
14	7.893	504	508	514	rBV2	188090	391598	4.66%	0.472%
15	8.167	527	532	534	rBV2	5586106	7787904	92.66%	9.384%
16	8.213	534	536	538	rVB	274969	224964	2.68%	0.271%
17	8.670	572	576	583	rVB3	49293	166153	1.98%	0.200%
18	8.853	589	592	594	rBV	1414765	1168801	13.91%	1.408%
19	8.956	598	601	603	rVB	482068	586774	6.98%	0.707%
20	9.059	607	610	613	rBV	113350	146746	1.75%	0.177%
21	9.219	621	624	627	rBV	8215652	8113160	96.53%	9.776%
22	9.322	631	633	634	rVB	170290	225520	2.68%	0.272%
23	9.356	634	636	639	rBV	184355	174347	2.07%	0.210%
24	9.482	644	647	651	rBV	70076	106997	1.27%	0.129%
25	9.550	651	653	654	rBV	124027	123540	1.47%	0.149%
26	9.607	657	658	660	rVB	121957	140123	1.67%	0.169%
27	9.893	680	683	685	rBV	2842441	2816625	33.51%	3.394%
28	9.928	685	686	688	rVB	1408142	991822	11.80%	1.195%
29	10.099	698	701	703	rBV	742965	697790	8.30%	0.841%
30	10.328	718	721	724	rVB3	65312	113355	1.35%	0.137%
31	10.442	729	731	733	rVB	720493	651516	7.75%	0.785%
32	10.648	747	749	750	rBV	139823	148506	1.77%	0.179%
33	10.682	750	752	755	rVB2	4092788	5604681	66.69%	6.753%
34	10.796	760	762	767	rVB	79867	144786	1.72%	0.174%

LSC Area Percent Report

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Sample : H1036-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-DRUM1

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.253	799	802	807	rVB2	86184	179277	2.13%	0.216%
36	11.379	810	813	814	rBV	3071074	2736151	32.56%	3.297%
37	11.608	831	833	837	rBV2	126253	189703	2.26%	0.229%
38	12.716	927	930	935	rBV	142160	173195	2.06%	0.209%
39	12.968	949	952	955	rBV	7015103	8404545	100.00%	10.127%
40	14.008	1041	1043	1046	rBV2	1683294	1968700	23.42%	2.372%
41	15.437	1165	1168	1171	rBV	1129477	1424398	16.95%	1.716%

Sum of corrected areas: 82990425

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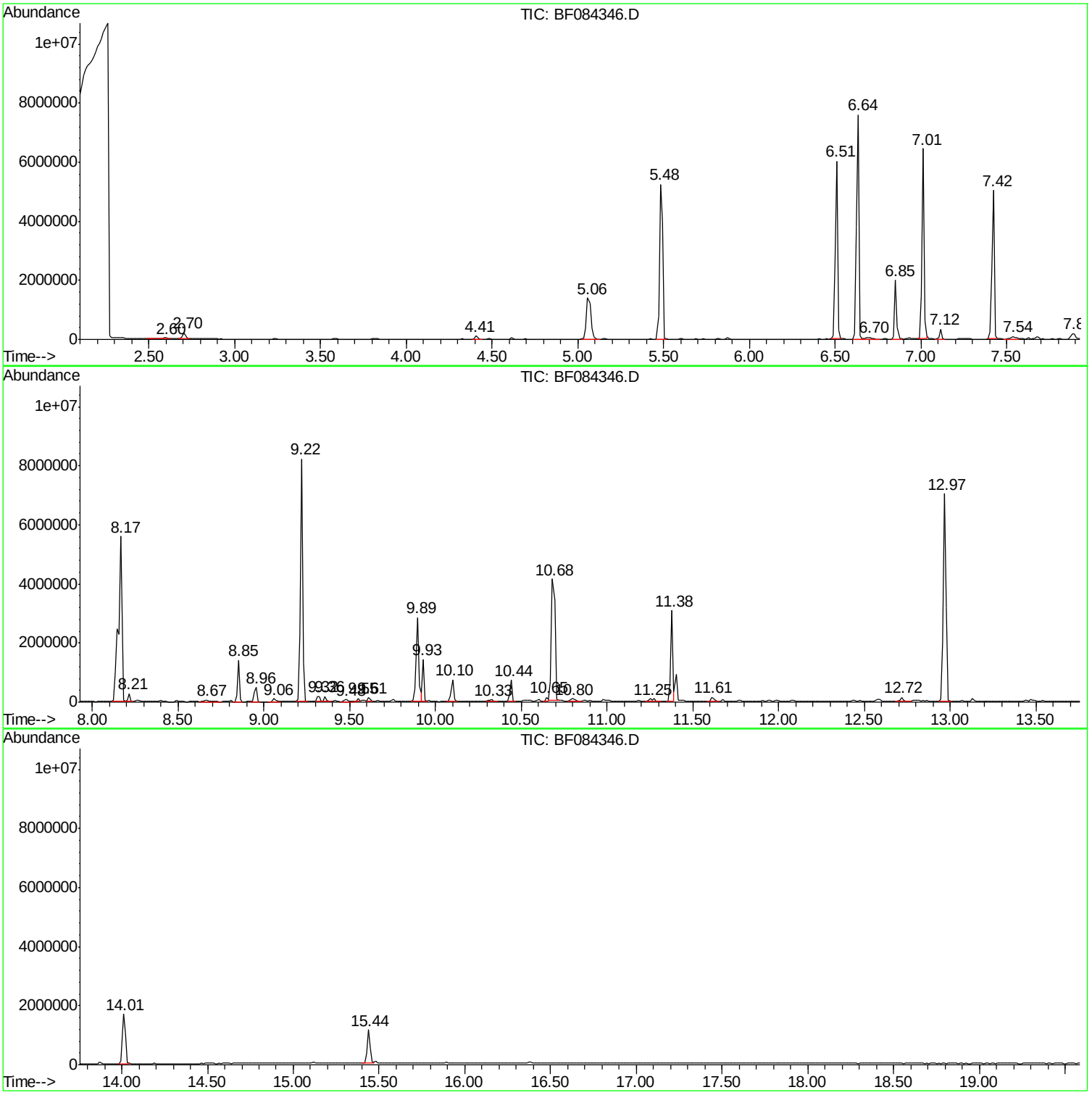
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-DRUM1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
Data File : BF084346.D
Acq On : 9 Jan 2016 1:26
Operator : SJ/UM
Sample : H1036-01
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ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-DRUM1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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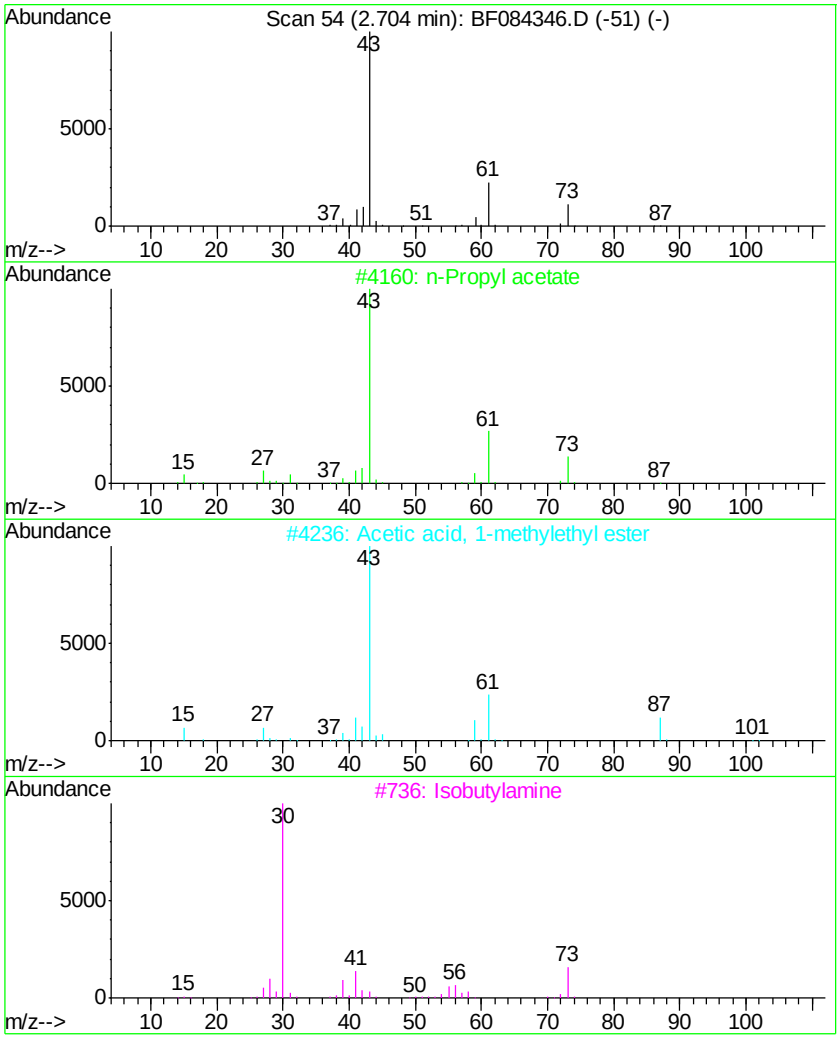
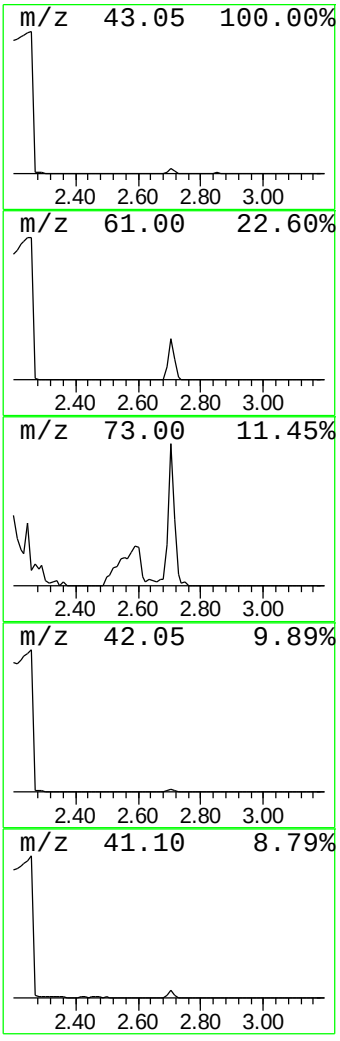
Peak Number 1 n-Propyl acetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.70	3.04 ng	259239	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	Acetic acid, 1-methylethyl ester	102	C5H10O2	000108-21-4	38
3	Isobutylamine	73	C4H11N	000078-81-9	7
4	1-Butanamine	73	C4H11N	000109-73-9	5
5	Sulfurous acid, dipropyl ester	166	C6H14O3S	000623-98-3	4





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Data File : BF084346.D
Acq On : 9 Jan 2016 1:26
Operator : SJ/UM
Sample : H1036-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-DRUM1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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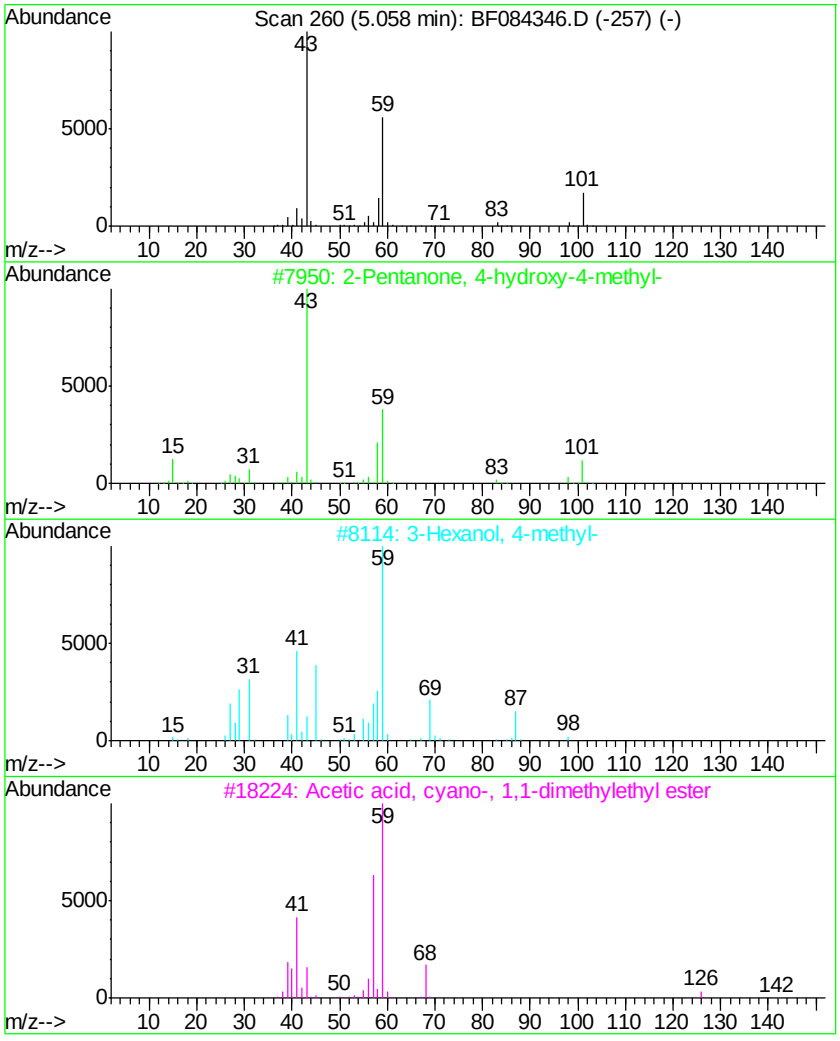
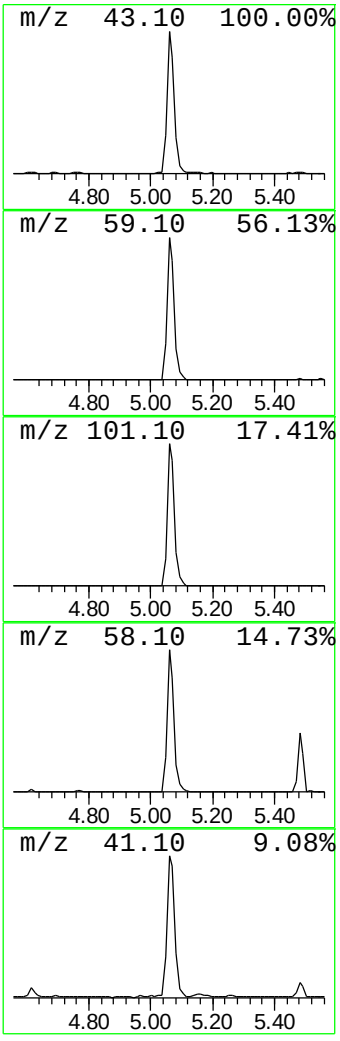
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	27.50 ng	2344450	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
Data File : BF084346.D
Acq On : 9 Jan 2016 1:26
Operator : SJ/UM
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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-DRUM1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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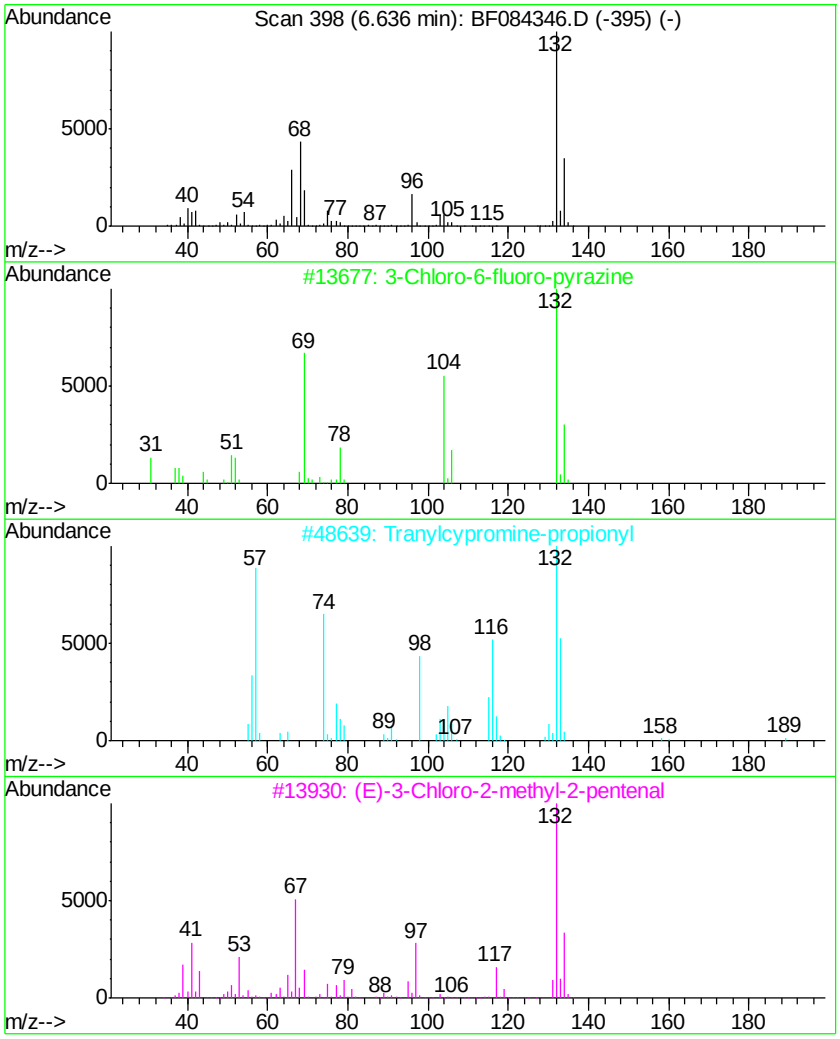
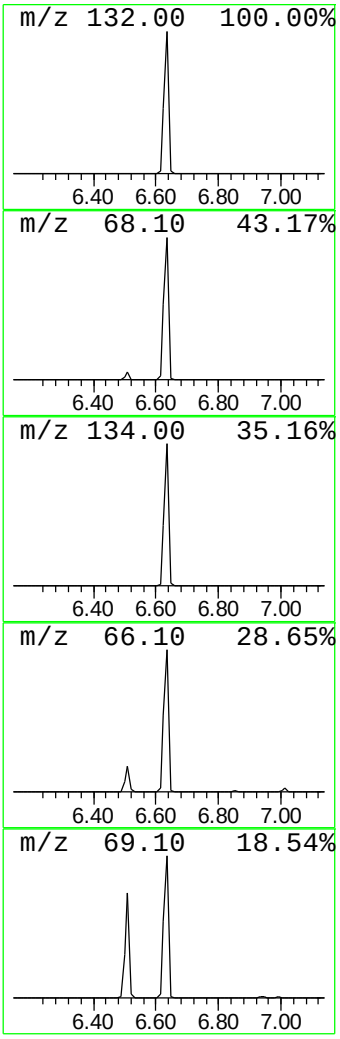
Peak Number 3 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	94.00 ng	8014930	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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Sample : H1036-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-DRUM1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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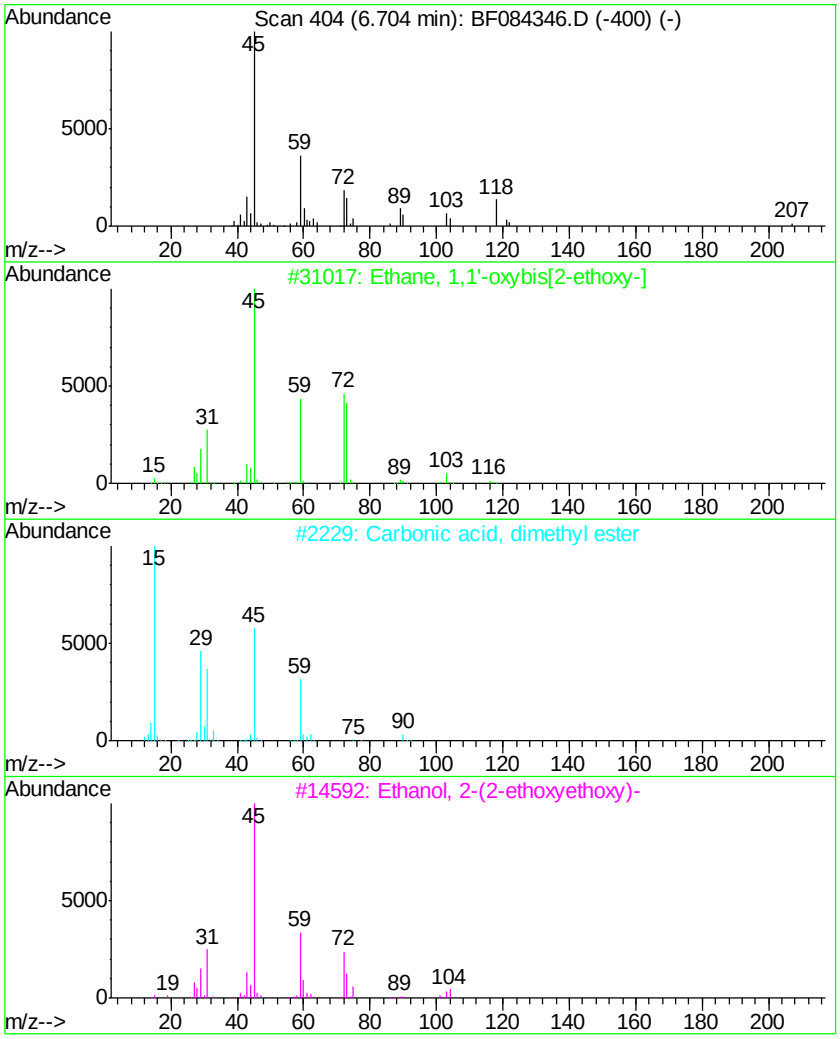
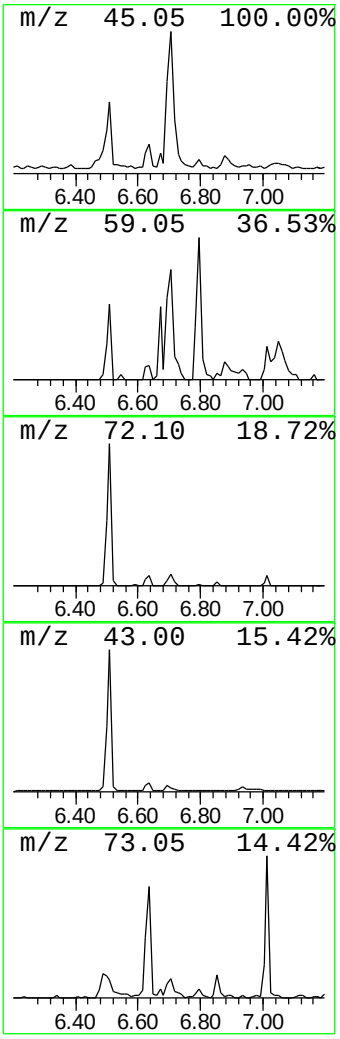
Peak Number 4 Ethane, 1,1'-oxybis[2-ethoxy-] Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	2.03 ng	172884	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1'-oxybis[2-ethoxy-]	162	C8H18O3	000112-36-7	59
2	Carbonic acid, dimethyl ester	90	C3H6O3	000616-38-6	47
3	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	47
4	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	42
5	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	36





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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-DRUM1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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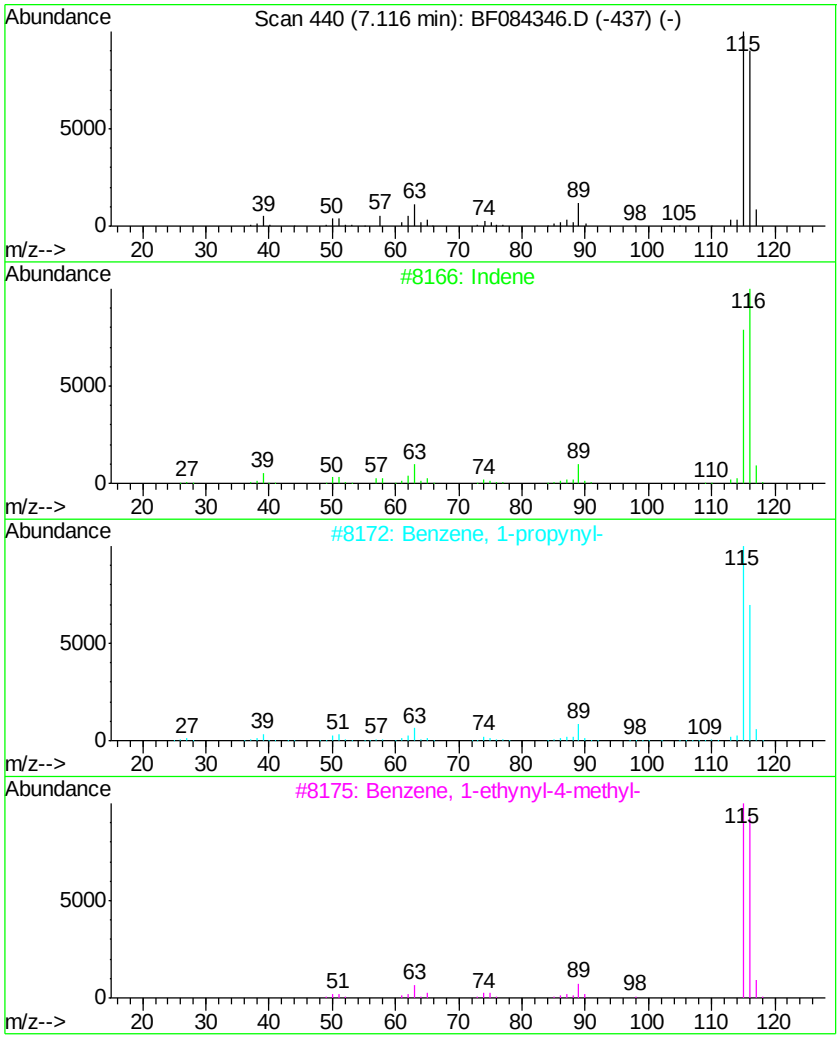
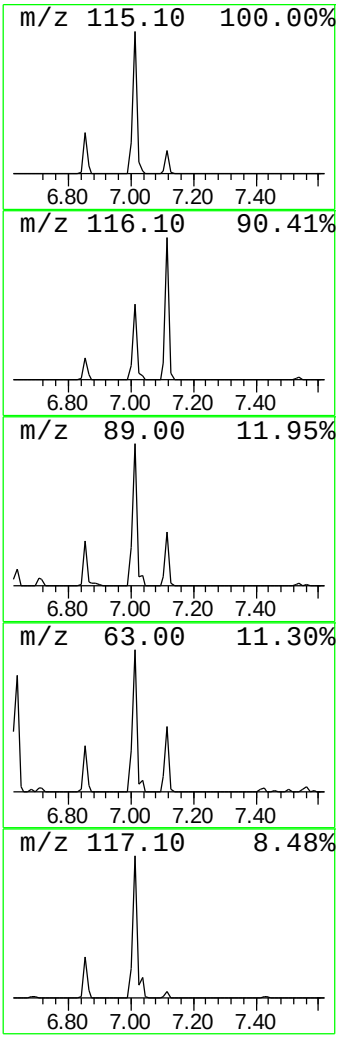
Peak Number 6 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	3.31 ng	281990	1,4-Dichlorobenzene-d4	6.85

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	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Propyl acetate	2.70	3.0	ng	259239	1	6.85	1705340	20.0
2-Pentanone, 4-hy...	5.06	27.5	ng	2344450	1	6.85	1705340	20.0
unknown6.64	6.64	94.0	ng	8014930	1	6.85	1705340	20.0
Ethane, 1,1'-oxyb...	6.70	2.0	ng	172884	1	6.85	1705340	20.0
Indene	7.12	3.3	ng	281990	1	6.85	1705340	20.0