LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF052015\
Data File : BF079394.D
Acq On : 20 May 2015 22:49
Operator : TP/IZ
Sample : G2299-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB04B(10-10.5)

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-BF043015.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	1.244	3	5	7	rVB	3862064	5108881	83.12%	15.353%
2	1.358	12	15	18	rVB	298187	524613	8.54%	1.577%
3	1.518	27	29	36	rVB	217567	291768	4.75%	0.877%
4	1.621	36	38	46	rVV	511428	847059	13.78%	2.546%
5	1.735	46	48	90	rVB	3137791	6146086	100.00%	18.471%
6	4.833	317	319	329	rVB	332373	429277	6.98%	1.290%
7	5.382	364	367	380	rVB	971956	1432283	23.30%	4.304%
8	6.673	477	480	482	rBV	1354137	1508861	24.55%	4.535%
9	6.799	489	491	494	rBV	1337996	1526233	24.83%	4.587%
10	7.085	514	516	519	rBV	331513	407115	6.62%	1.223%
11	7.279	530	533	535	rBV	943363	1081293	17.59%	3.250%
12	7.782	575	577	580	rBV	858355	838563	13.64%	2.520%
13	8.582	645	647	650	rBV	179637	189363	3.08%	0.569%
14	8.662	652	654	656	rBV	488287	572522	9.32%	1.721%
15	10.011	770	772	775	rBV	1531533	1513003	24.62%	4.547%
16	10.525	814	817	819	rBV	119418	120753	1.96%	0.363%
17	10.833	842	844	846	rVB2	647361	633286	10.30%	1.903%
18	10.879	846	848	849	rVB	70556	73953	1.20%	0.222%
19	11.096	864	867	869	rBV	57945	69959	1.14%	0.210%
20	11.165	869	873	875	rVV	51461	69441	1.13%	0.209%
21	11.519	902	904	906	rBV	103779	116792	1.90%	0.351%
22	11.816	927	930	933	rBV	1229121	1263092	20.55%	3.796%
23	12.022	946	948	952	rBV	37968	66055	1.07%	0.199%
24	12.674	1003	1005	1006	rBV	722804	689513	11.22%	2.072%
25	12.708	1006	1008	1010	rVV	470427	527576	8.58%	1.585%
26	12.765	1010	1013	1016	rVV	163187	189474	3.08%	0.569%
27	12.982	1030	1032	1033	rBV	61572	70103	1.14%	0.211%
28	13.302	1058	1060	1062	rBV	60449	76744	1.25%	0.231%
29	13.337	1062	1063	1066	rVB	75309	74339	1.21%	0.223%
30	13.405	1066	1069	1070	rBV2	96244	137224	2.23%	0.412%
31	13.439	1070	1072	1073	rVB	67705	80405	1.31%	0.242%
32	13.725	1094	1097	1099	rVB2	56371	67837	1.10%	0.204%
33	13.988	1117	1120	1122	rBV	37203	63898	1.04%	0.192%
34	14.102	1127	1130	1134	rVV5	31627	65905	1.07%	0.198%

LSC Area Percent Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB04B(10-10.5)

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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.182	1134	1137	1139	rVV	391512	439819	7.16%	1.322%
36	14.457	1158	1161	1163	rBV	420809	474299	7.72%	1.425%
37	14.537	1166	1168	1173	rVV	230947	383976	6.25%	1.154%
38	14.674	1177	1180	1182	rBV	1548410	1662398	27.05%	4.996%
39	14.880	1196	1198	1201	rVB	71142	88022	1.43%	0.265%
40	14.960	1203	1205	1207	rVV	62825	68976	1.12%	0.207%
41	15.005	1207	1209	1214	rVB3	53303	89268	1.45%	0.268%
42	15.851	1280	1283	1288	rBV2	194187	325754	5.30%	0.979%
43	15.965	1289	1293	1294	rVV2	638389	1053449	17.14%	3.166%
44	15.988	1294	1295	1301	rVV	160679	239440	3.90%	0.720%
45	16.125	1305	1307	1311	rVV3	59551	79831	1.30%	0.240%
46	16.263	1317	1319	1324	rBV	44912	86407	1.41%	0.260%
47	17.257	1404	1406	1408	rBV	166403	316473	5.15%	0.951%
48	17.577	1432	1434	1436	rBV	79037	127870	2.08%	0.384%
49	17.646	1438	1440	1443	rVB	161060	167782	2.73%	0.504%
50	17.714	1443	1446	1448	rBV	547122	798100	12.99%	2.398%

Sum of corrected areas: 33275133

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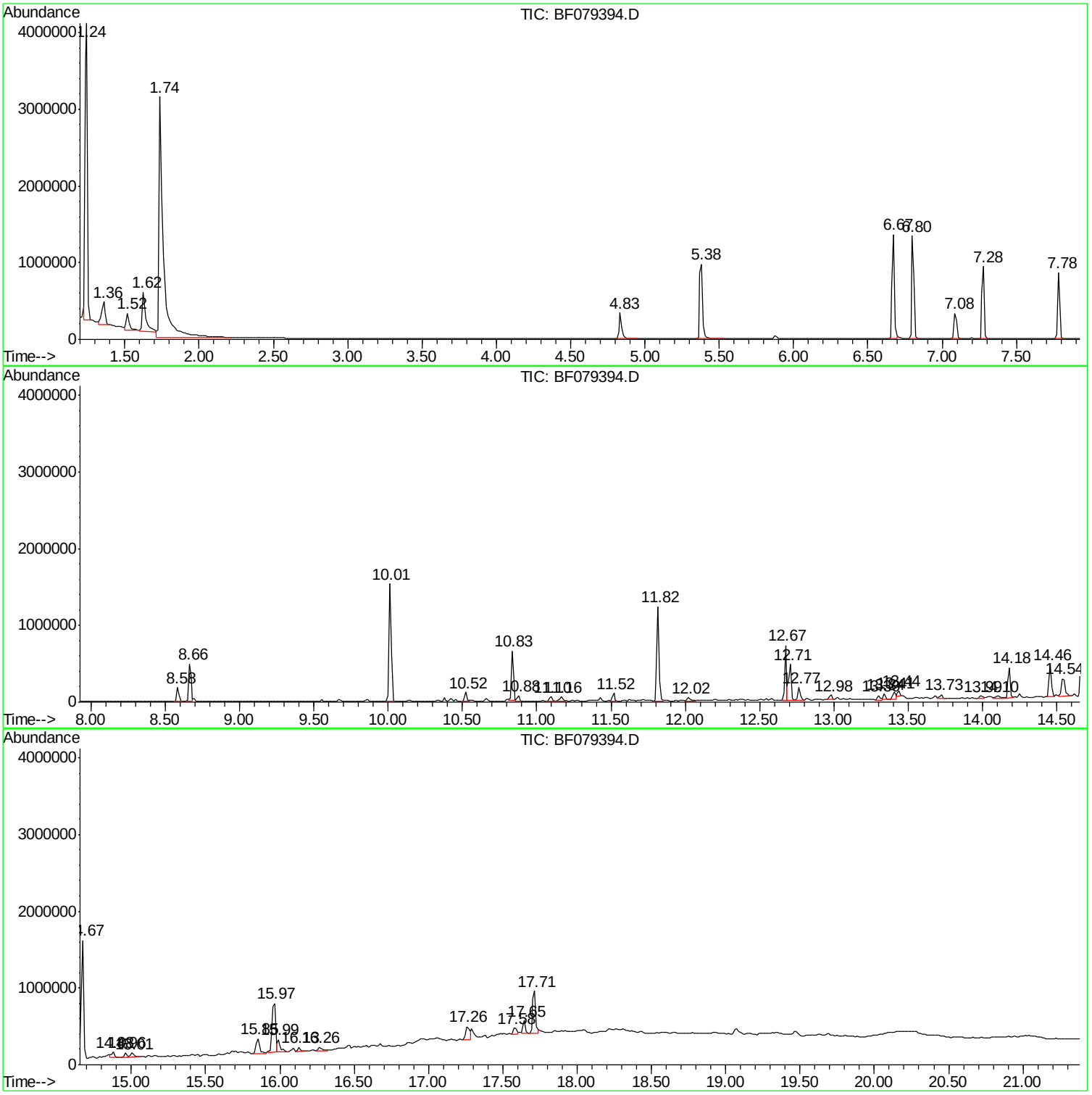
Instrument :
BNA_F
ClientSampleId :
LS-SB04B(10-10.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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\BF052015\
Data File : BF079394.D
Acq On : 20 May 2015 22:49
Operator : TP/IZ
Sample : G2299-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB04B(10-10.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

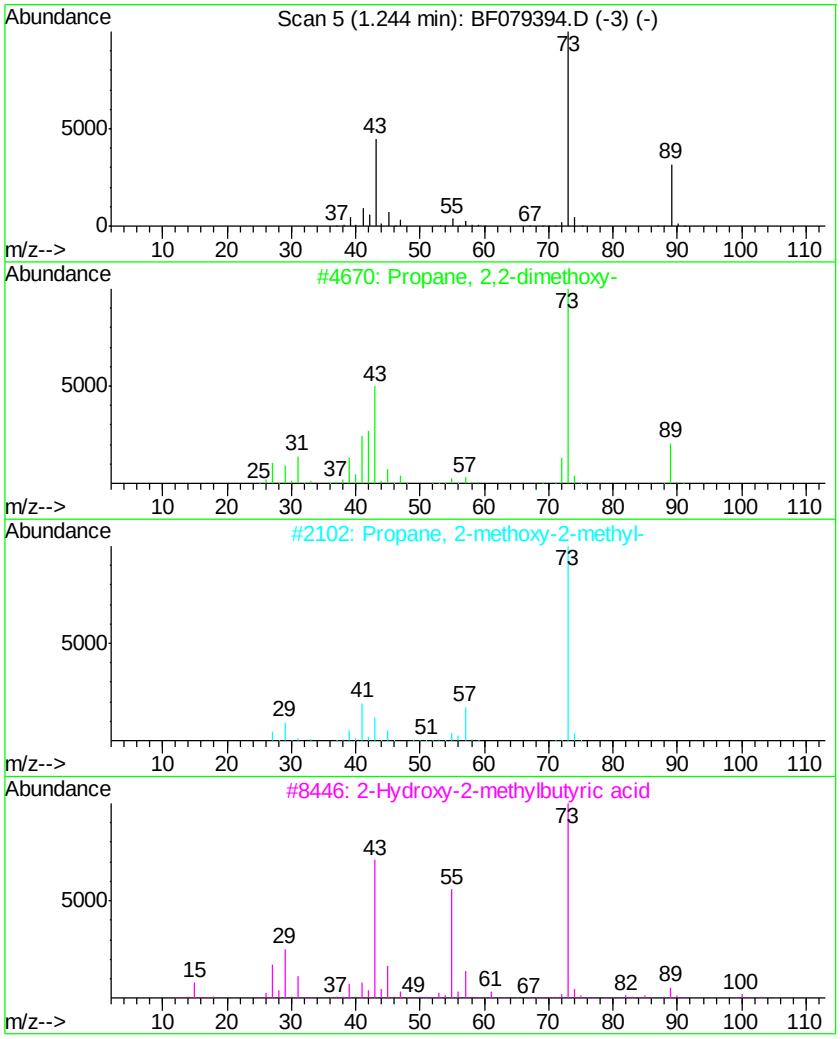
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

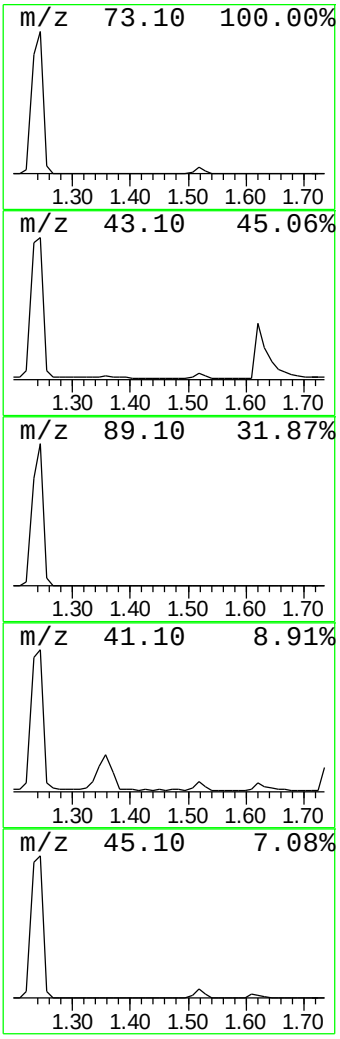
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.24	250.98 ng	5108880	1,4-Dichlorobenzene-d4	7.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	50
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





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Operator : TP/IZ
Sample : G2299-02
Misc :
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Instrument : BNA_F
ClientSampleId : LS-SB04B(10-10.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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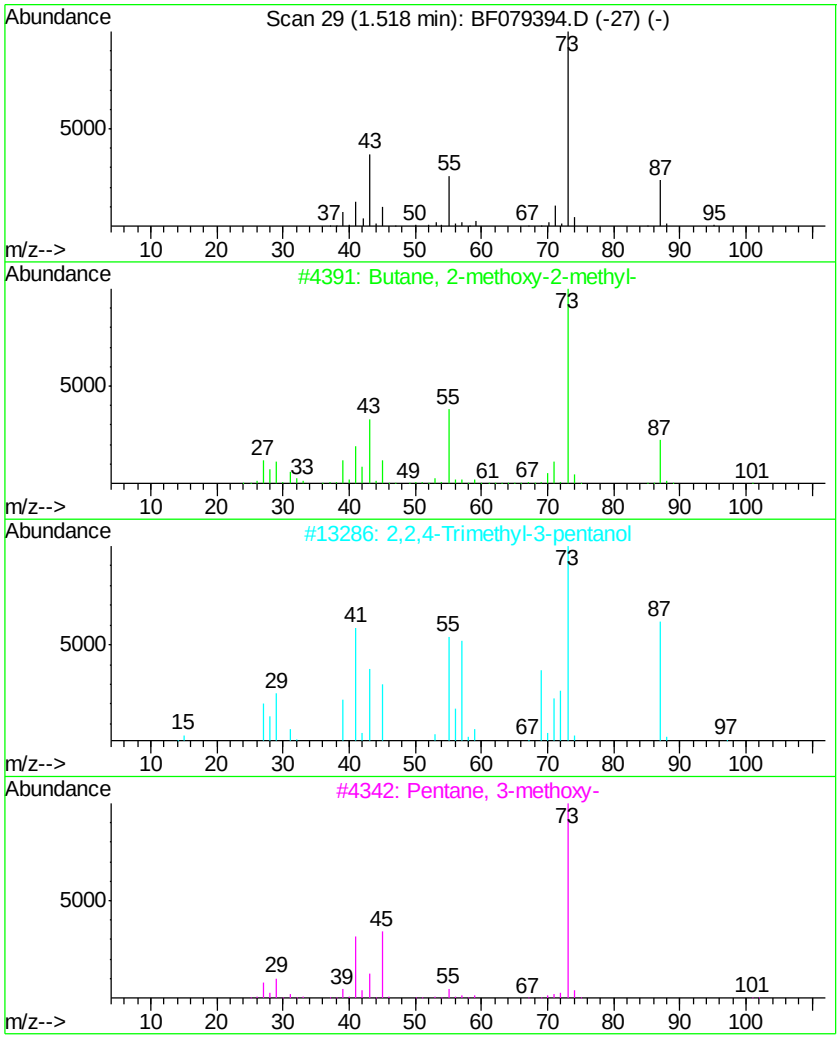
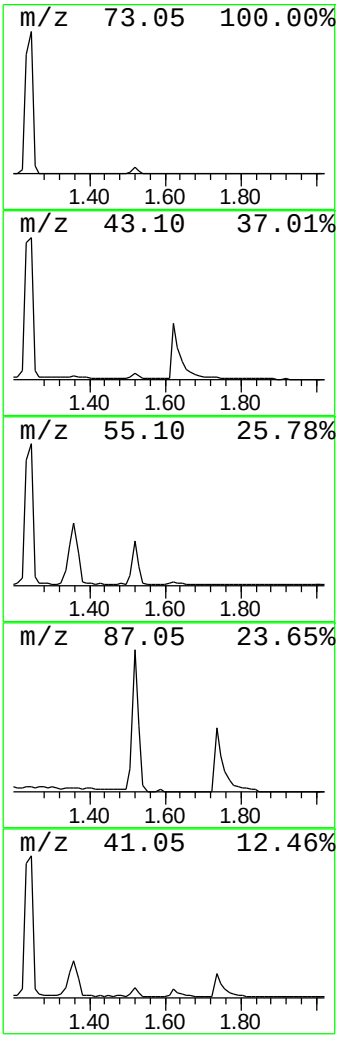
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.52	14.33 ng	291768	1,4-Dichlorobenzene-d4	7.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA F\Data\BF052015\
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Acq On : 20 May 2015 22:49
Operator : TP/IZ
Sample : G2299-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB04B(10-10.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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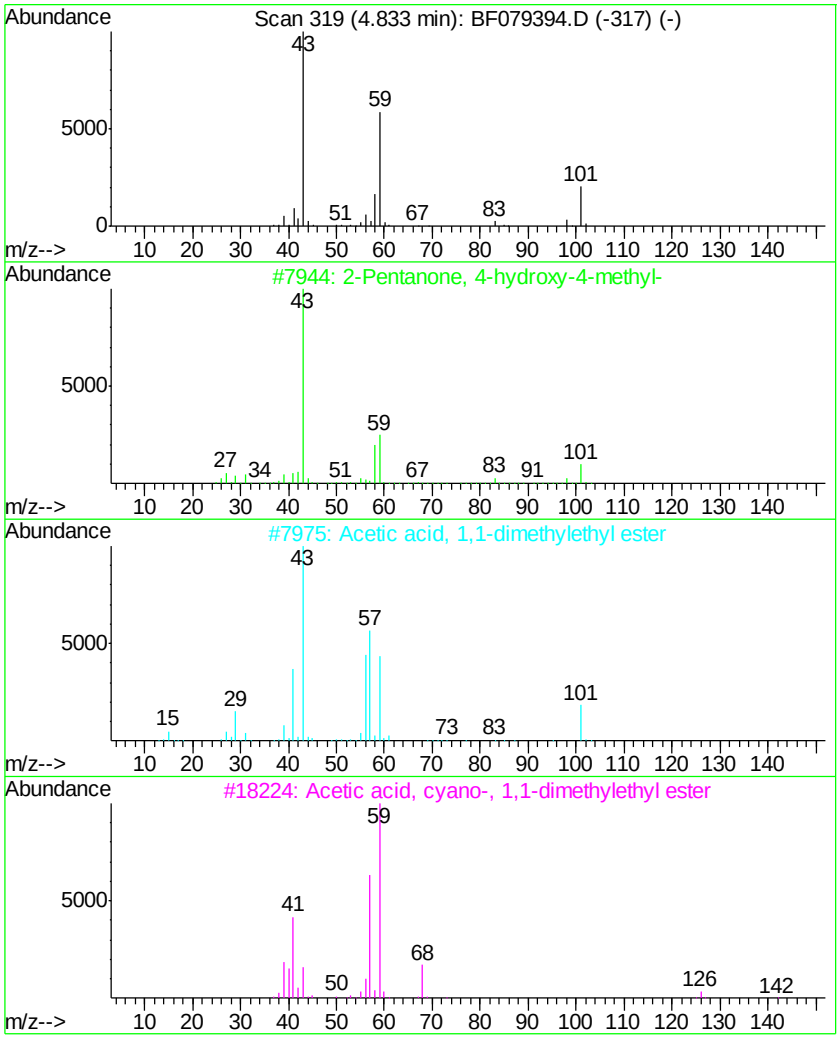
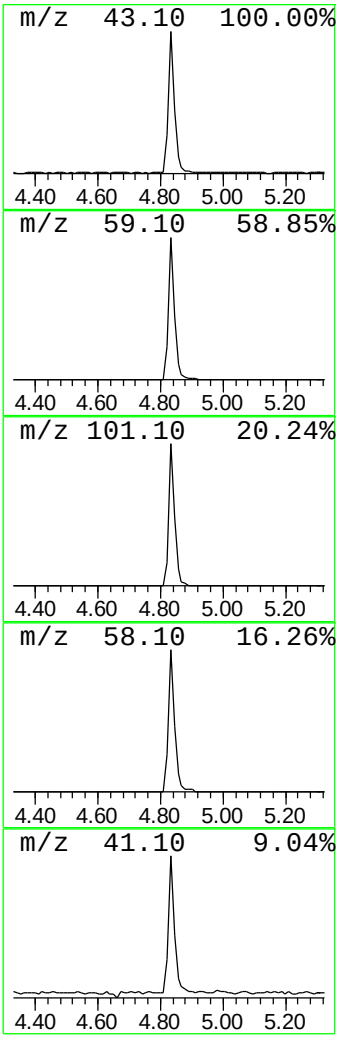
Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	21.09 ng	429277	1,4-Dichlorobenzene-d4	7.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9





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Instrument : BNA_F
ClientSampleId : LS-SB04B(10-10.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
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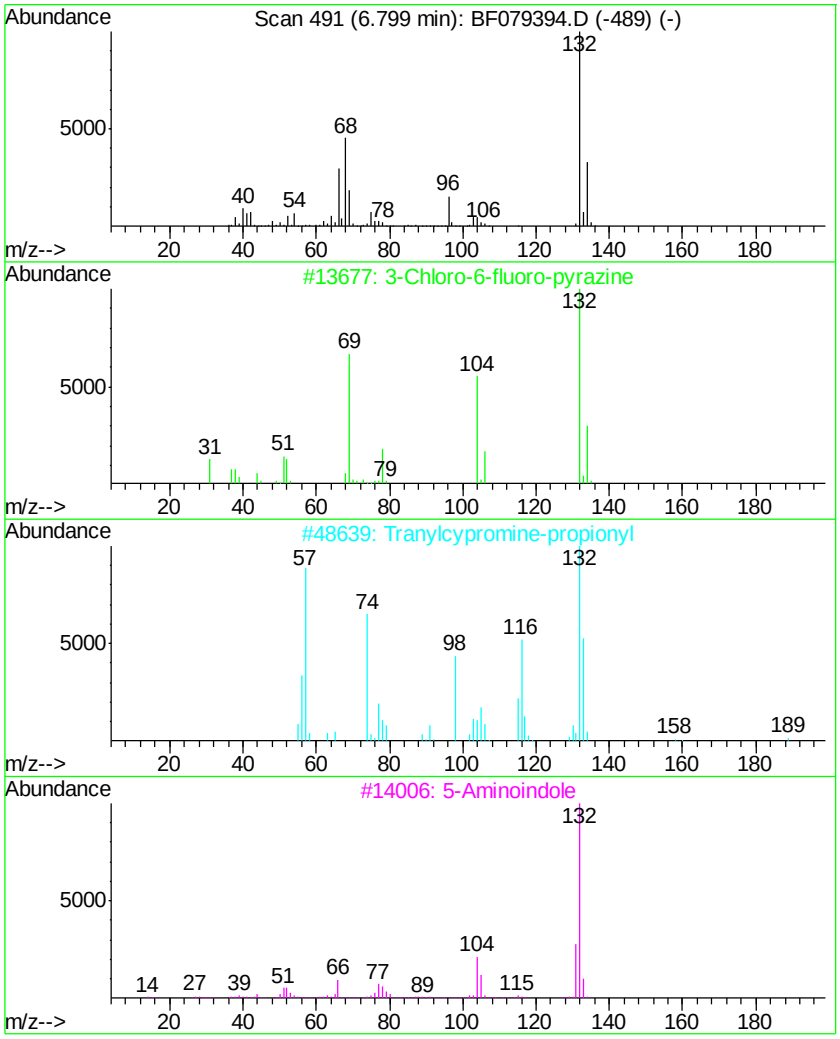
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

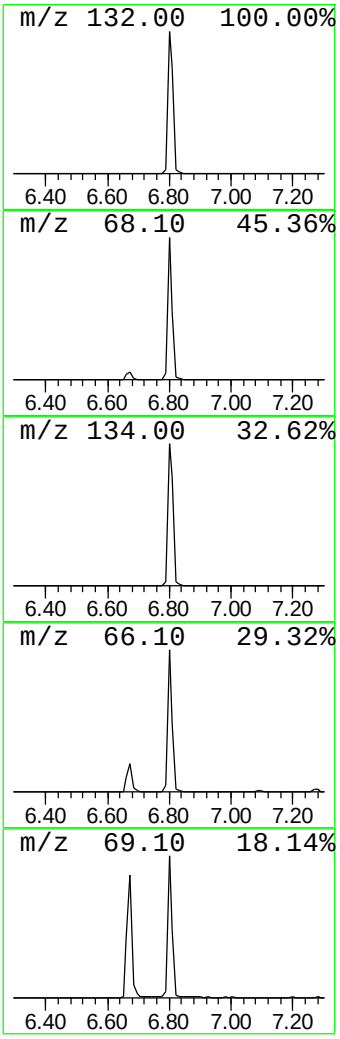
****

Peak Number 7 unknown6.80 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	74.98 ng	1526230	1,4-Dichlorobenzene-d4	7.08

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	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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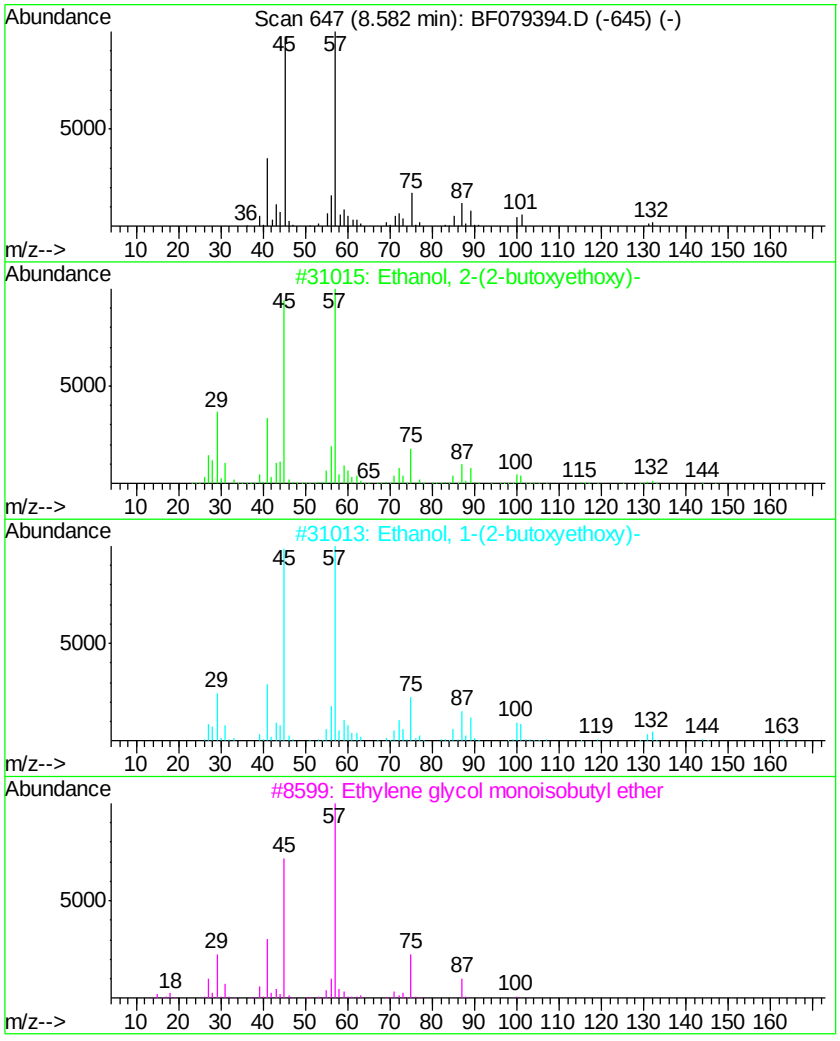
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

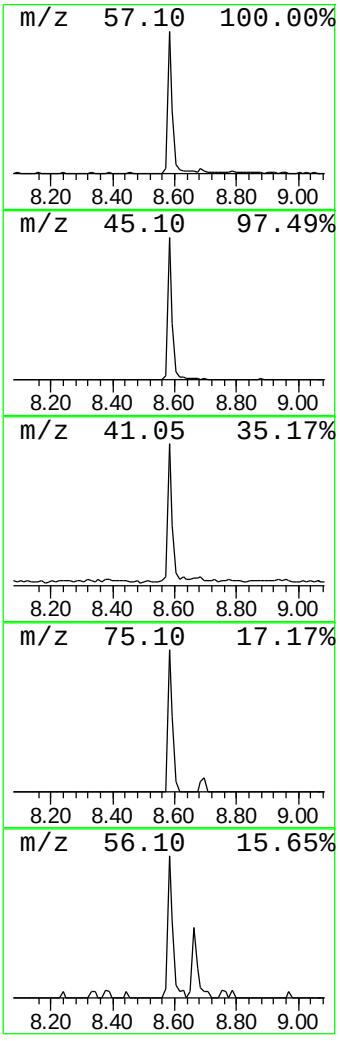
****

Peak Number 9 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	6.62 ng	189363	Naphthalene-d8	8.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	50





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
Propane, 2,2-dime...	1.24	251.0	ng	5108880	1	7.08	407115	20.0
Butane, 2-methoxy...	1.52	14.3	ng	291768	1	7.08	407115	20.0
2-Pentanone, 4-hy...	4.83	21.1	ng	429277	1	7.08	407115	20.0
unknown6.80	6.80	75.0	ng	1526230	1	7.08	407115	20.0
Ethanol, 2-(2-but...	8.58	6.6	ng	189363	2	8.66	572522	20.0