LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088657.D
Acq On : 3 Jul 2016 19:55
Operator : UM/SJ
Sample : H3817-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BS-3A-2-11FT

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-BF063016.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	1.655	3	6	8	rVB	5120945	8108476	100.00%	22.082%
2	1.850	21	23	37	rVB	272425	426595	5.26%	1.162%
3	3.050	124	128	140	rBV	111599	263553	3.25%	0.718%
4	4.959	292	295	301	rBV	151748	227919	2.81%	0.621%
5	5.382	329	332	335	rBV	2444602	2636316	32.51%	7.180%
6	6.422	420	423	425	rBV	2568275	2923681	36.06%	7.962%
7	6.547	431	434	437	rBV	2265447	2937576	36.23%	8.000%
8	6.787	452	455	457	rBV	527462	669894	8.26%	1.824%
9	6.936	466	468	471	rVB	1987354	2212190	27.28%	6.024%
10	7.347	501	504	506	rBV	1903531	1950042	24.05%	5.311%
11	8.068	564	567	569	rVB	1074733	952099	11.74%	2.593%
12	9.142	658	661	664	rBV	2707058	3086830	38.07%	8.406%
13	9.542	693	696	698	rBV	540642	585607	7.22%	1.595%
14	9.816	717	720	722	rBV	1165093	1028852	12.69%	2.802%
15	10.193	751	753	755	rVB	255286	358096	4.42%	0.975%
16	10.605	786	789	791	rBV	1958942	2162904	26.67%	5.890%
17	11.176	837	839	841	rBV	99084	94950	1.17%	0.259%
18	11.291	847	849	852	rVB	1160265	1020924	12.59%	2.780%
19	11.359	852	855	859	rVB2	43058	82582	1.02%	0.225%
20	11.576	871	874	875	rBV2	42267	91028	1.12%	0.248%
21	11.599	875	876	883	rVB	104516	133495	1.65%	0.364%
22	12.879	985	988	990	rBV	2910037	2842820	35.06%	7.742%
23	13.839	1069	1072	1076	rBV	45542	119305	1.47%	0.325%
24	13.920	1076	1079	1081	rVB	954005	1015271	12.52%	2.765%
25	15.303	1197	1200	1203	rBV	521181	788968	9.73%	2.149%

Sum of corrected areas: 36719973

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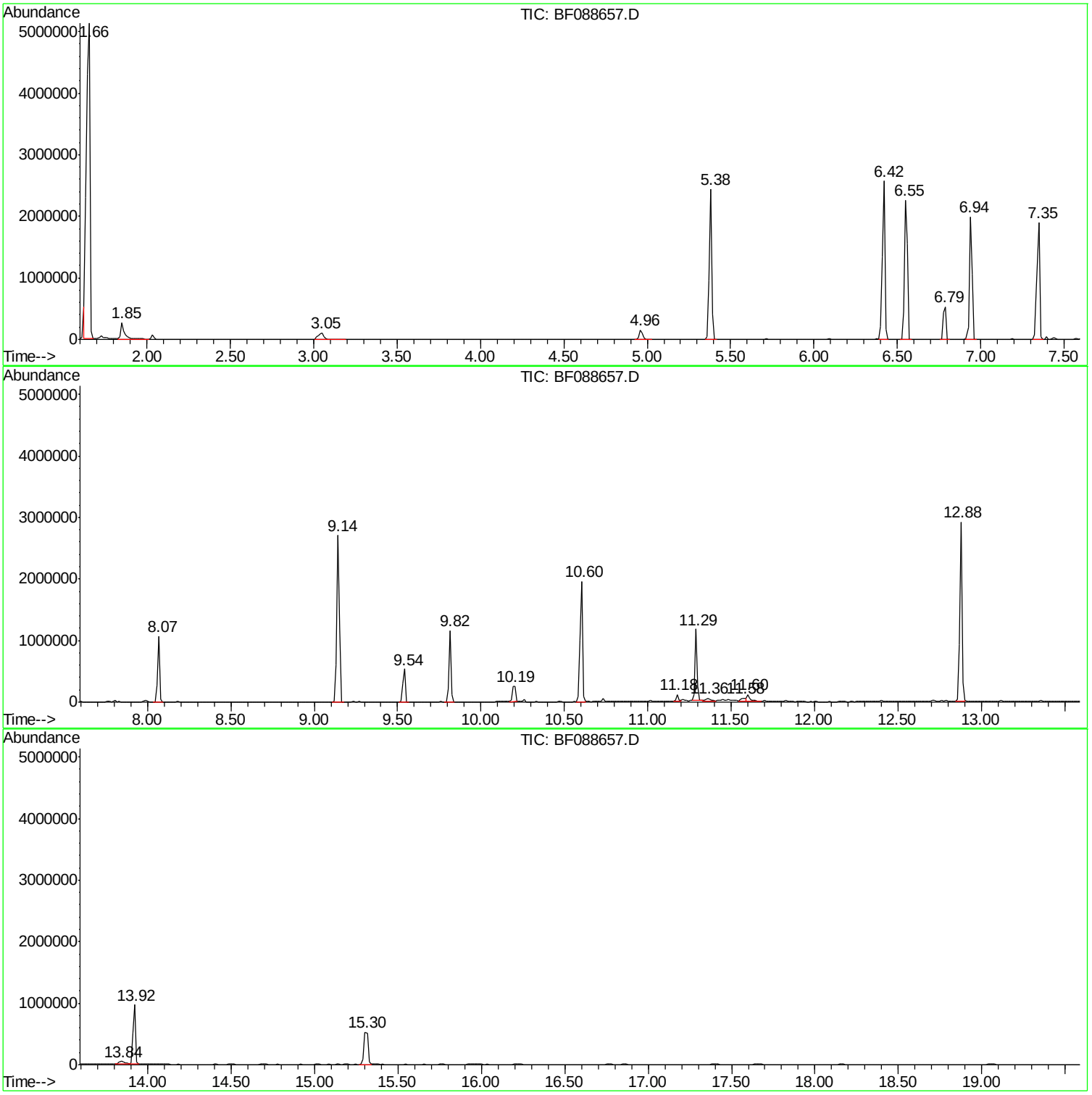
Instrument :
BNA_F
ClientSampleId :
BS-3A-2-11FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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

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TIC Integration Parameters: LSCINT.P

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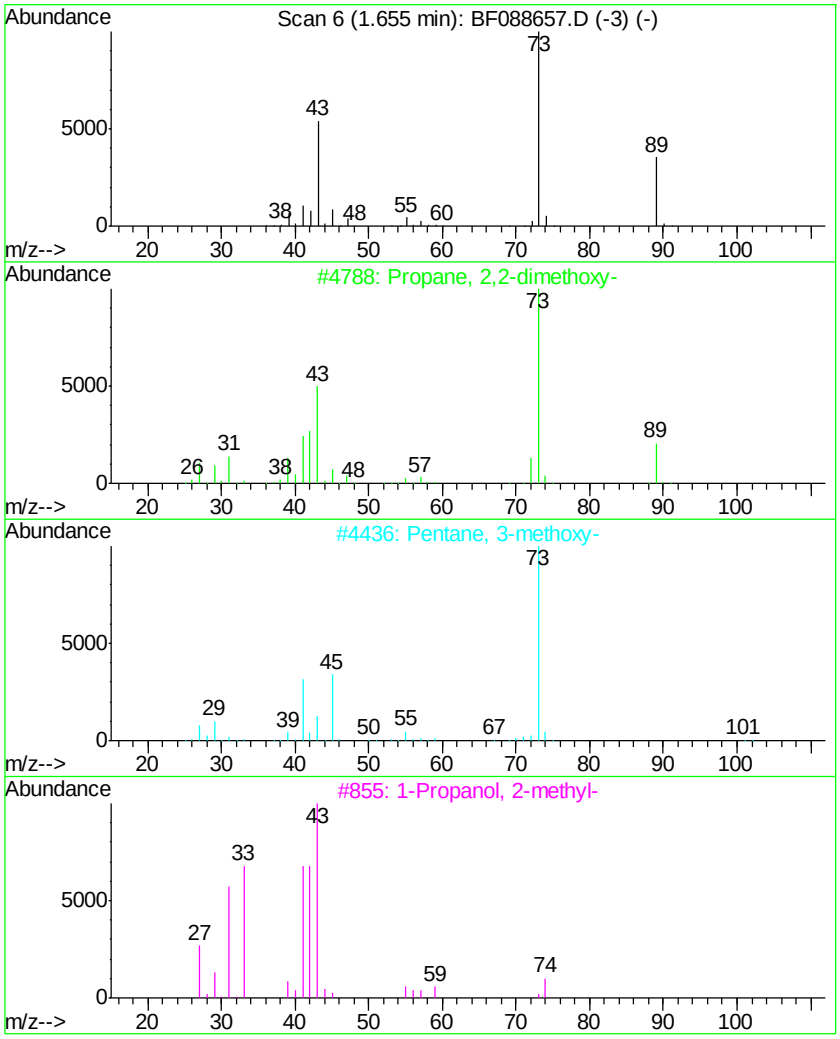
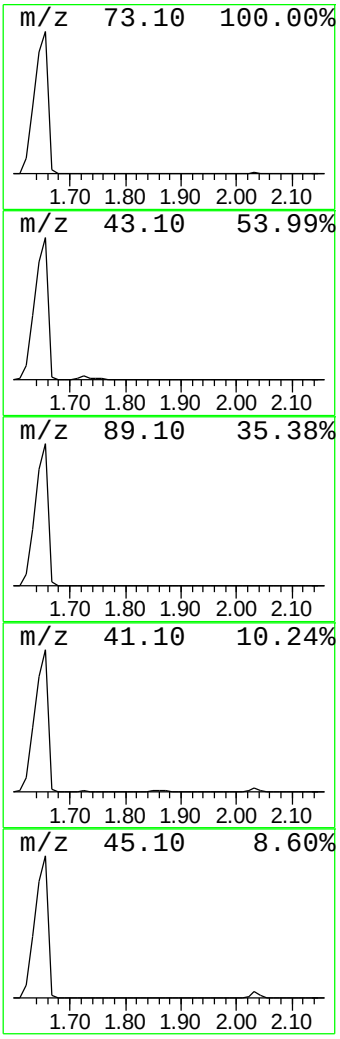
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.66	242.08 ng	8108480	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : BS-3A-2-11FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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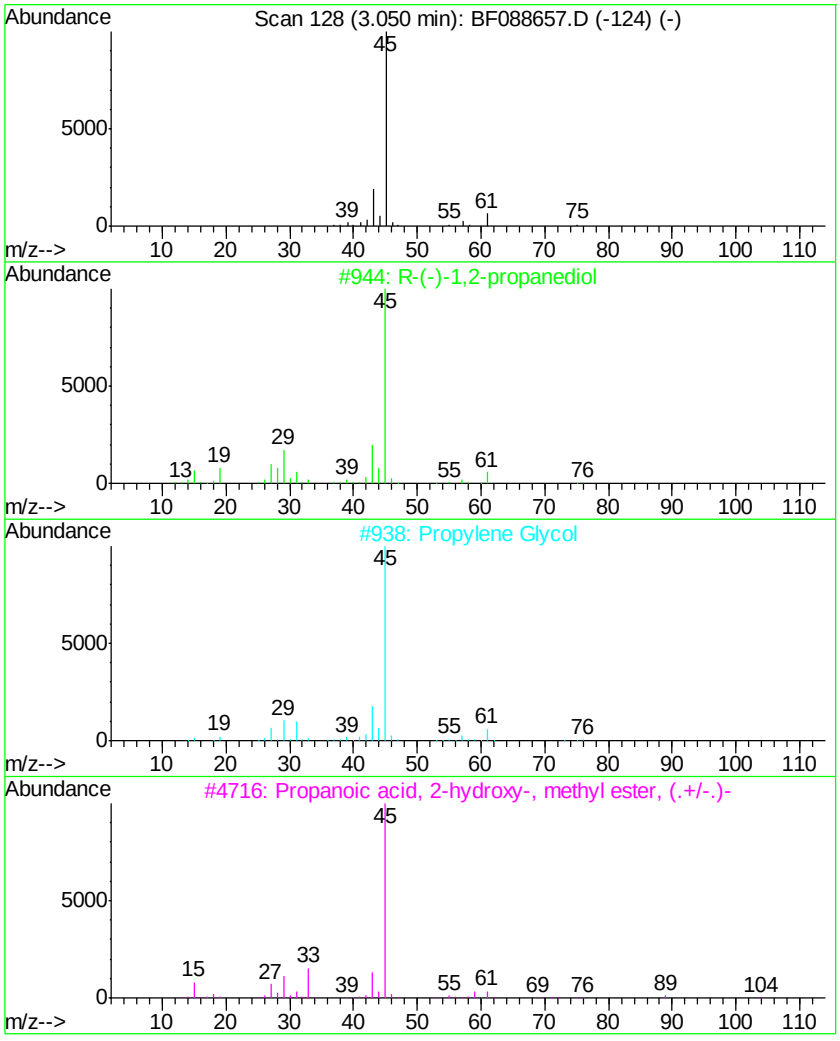
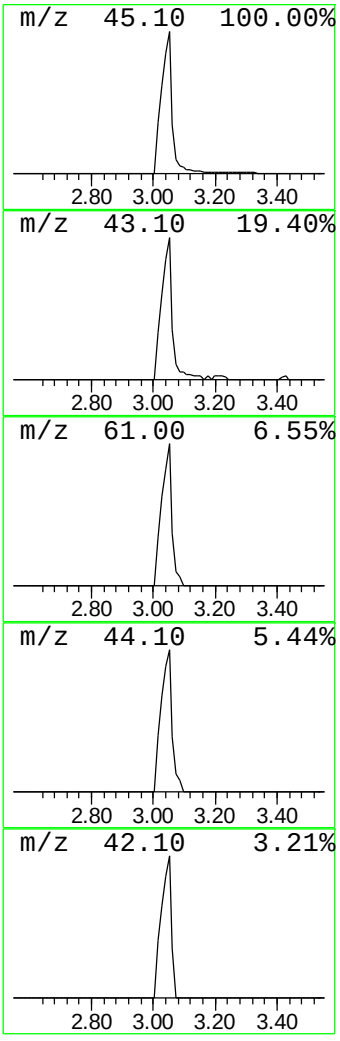
Peak Number 3 unknown3.05 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	7.87 ng	263553	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	43
2	Propylene Glycol	76	C3H8O2	000057-55-6	43
3	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	002155-30-8	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088657.D
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Operator : UM/SJ
Sample : H3817-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BS-3A-2-11FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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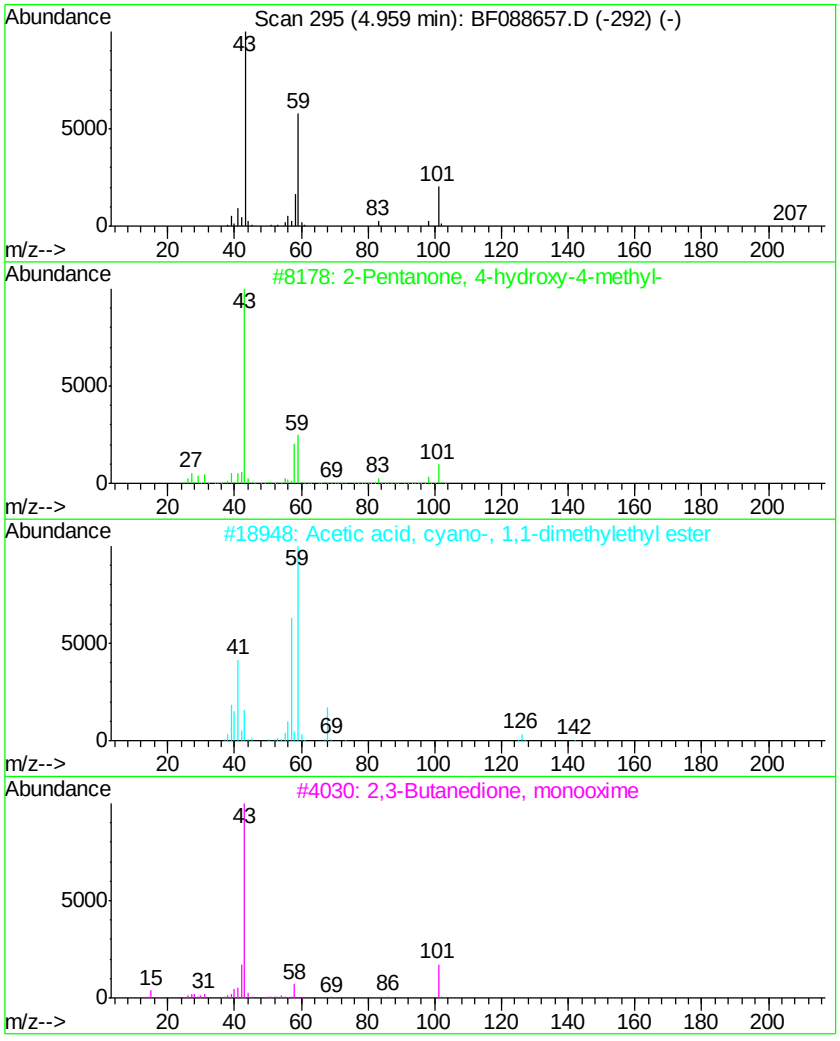
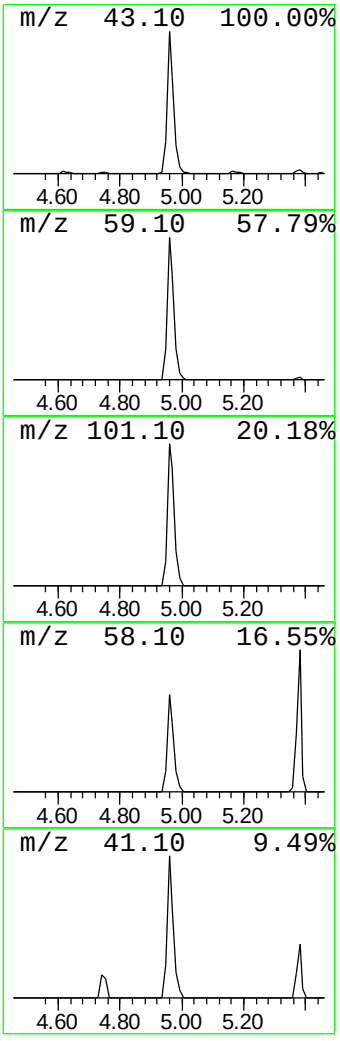
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	6.80 ng	227919	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Propanoic acid, 3-nitro-, methyl...	133	C4H7NO4	020497-95-4	9





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Sample : H3817-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BS-3A-2-11FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

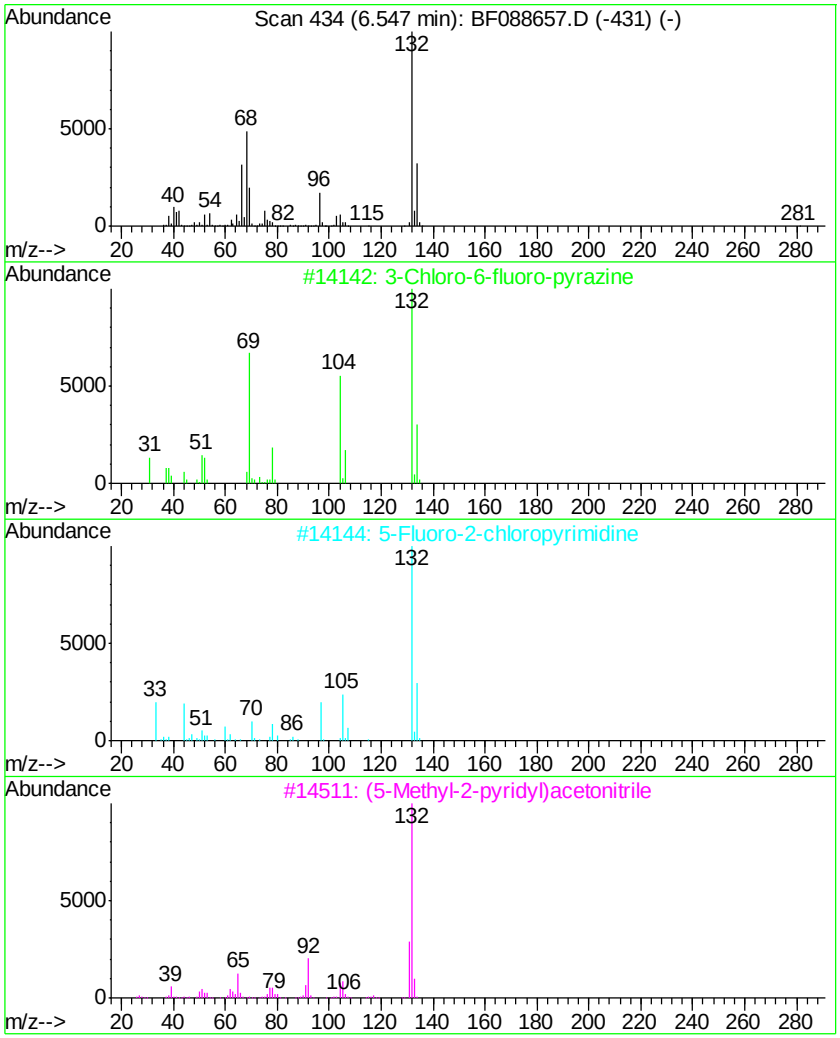
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

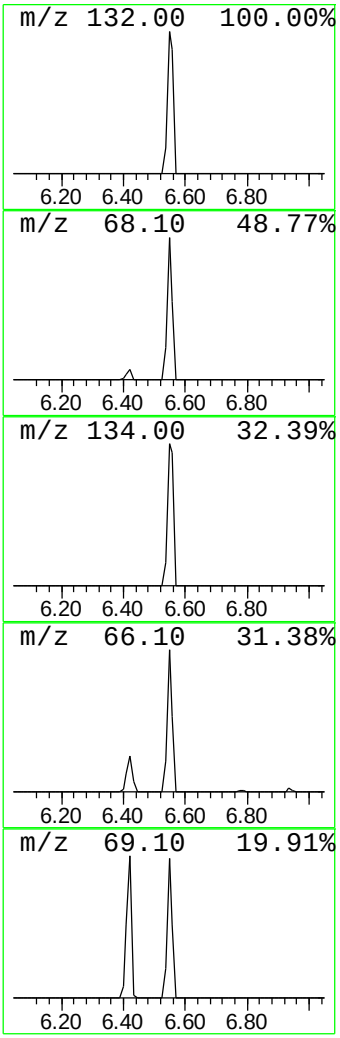
****

Peak Number 5 unknown6.55 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	87.70 ng	2937580	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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ClientSampleId : BS-3A-2-11FT

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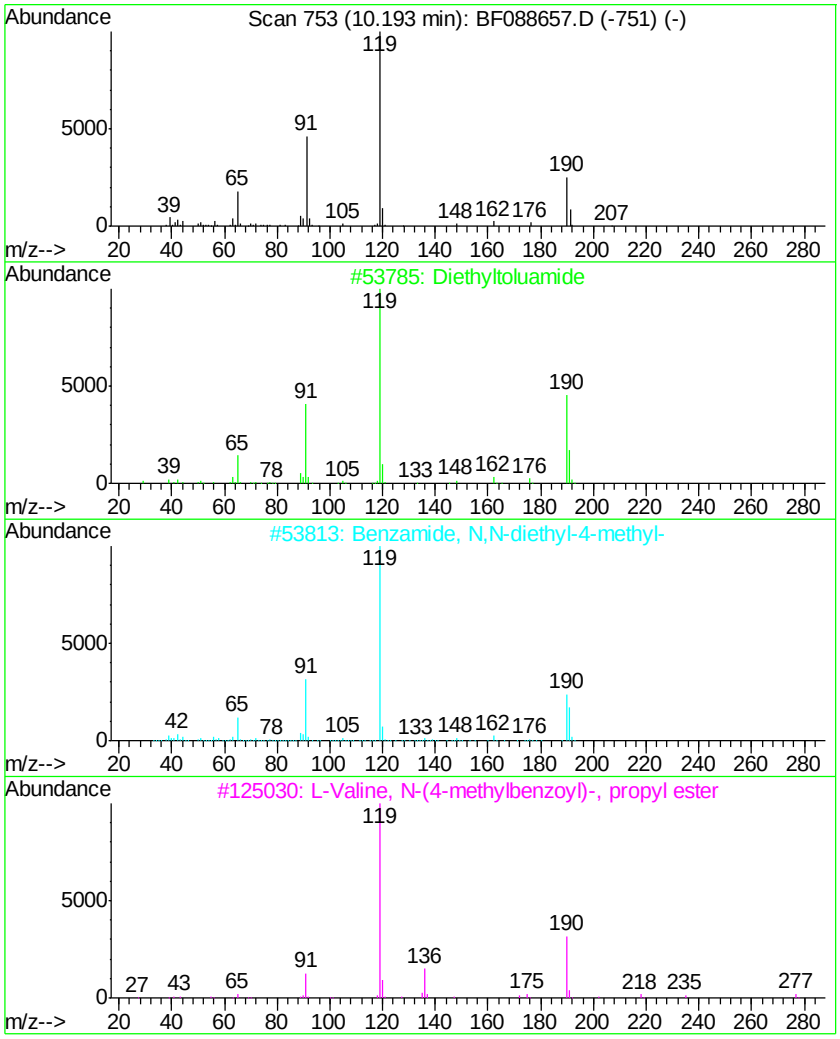
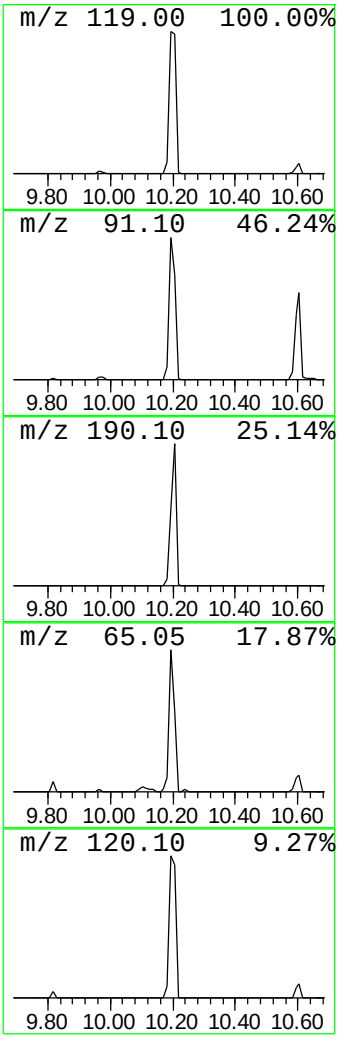
Peak Number 7 Diethyltoluamide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	6.96 ng	358096	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	94
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	83
3	L-Valine, N-(4-methylbenzoyl)-, ...	277	C16H23NO3	1000346-63-8	78
4	Benzoic acid, 4-methyl-, 1-methy...	192	C12H16O2	100556-51-2	72
5	3-(4-Methylbenzoyl)acrylic acid	190	C11H10O3	020972-36-5	72





Library Search Compound Report

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ClientSampleId : BS-3A-2-11FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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TIC Library : C:\Database\NIST11.L
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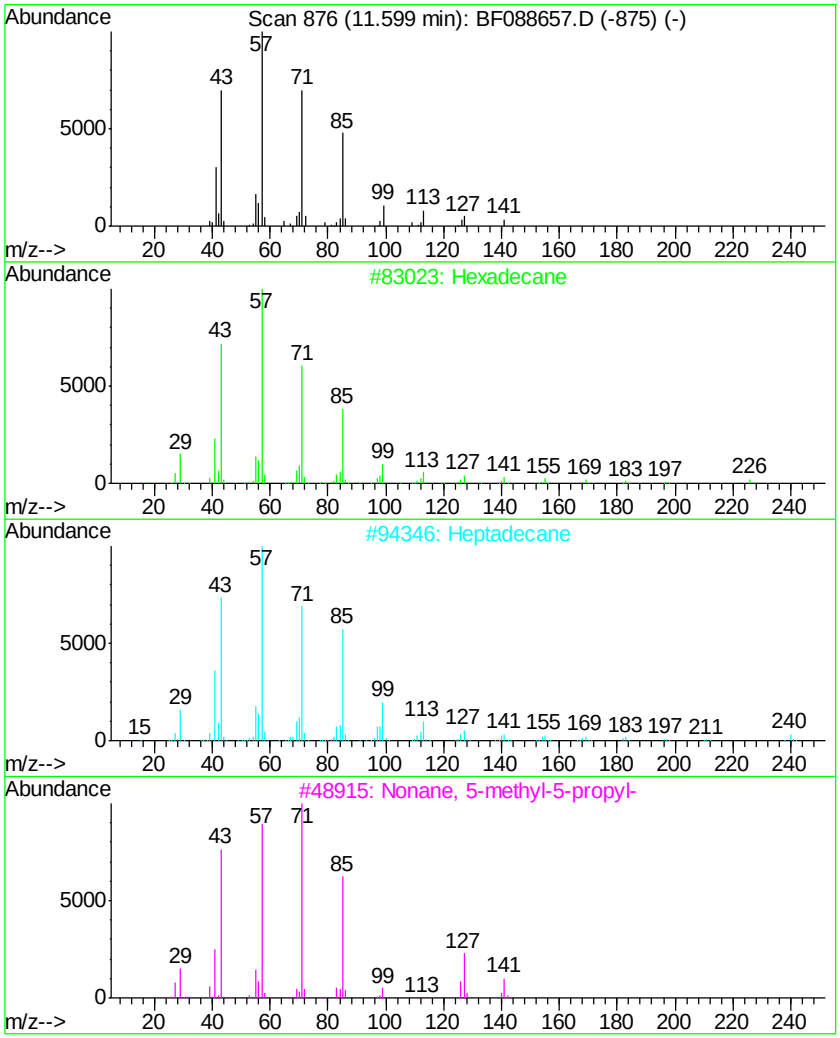
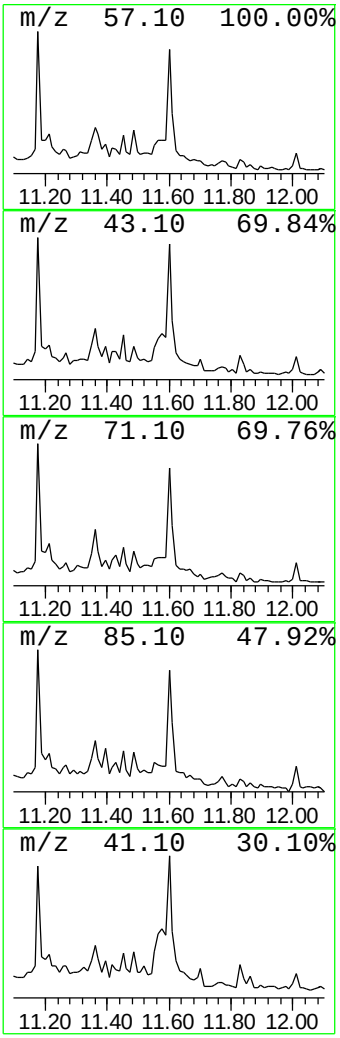
Peak Number 8 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	2.62 ng	133495	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	78
2	Heptadecane	240	C17H36	000629-78-7	78
3	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	72
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
5	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	59





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

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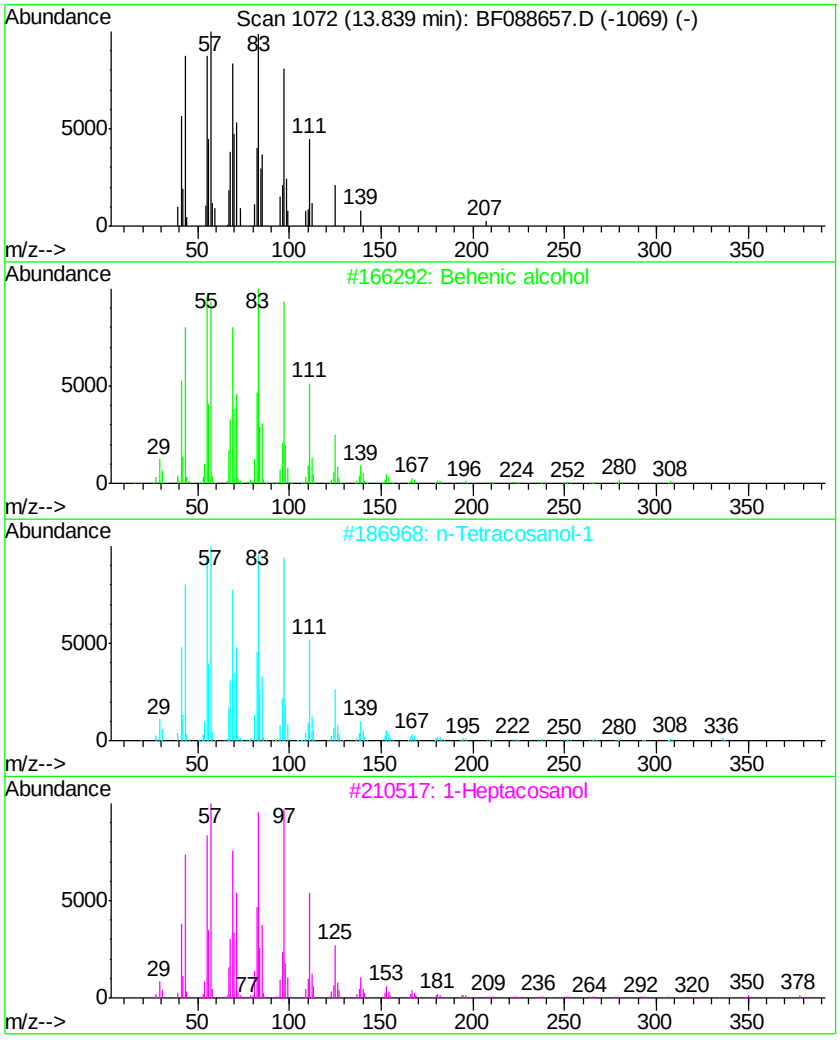
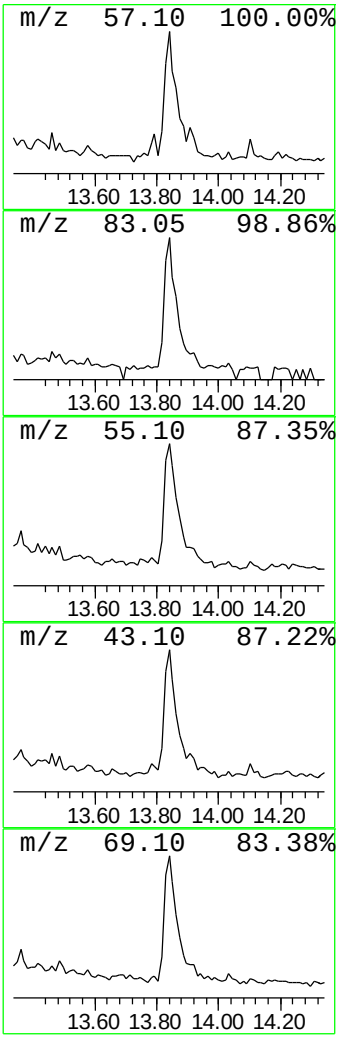
Peak Number 9 Behenic alcohol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	2.35 ng	119305	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





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
Propane, 2,2-dime...	1.66	242.1	ng	8108480	1	6.79	669894	20.0
unknown3.05	3.05	7.9	ng	263553	1	6.79	669894	20.0
2-Pentanone, 4-hy...	4.96	6.8	ng	227919	1	6.79	669894	20.0
unknown6.55	6.55	87.7	ng	2937580	1	6.79	669894	20.0
Diethyltoluamide	10.19	7.0	ng	358096	3	9.82	1028850	20.0
Hexadecane	11.60	2.6	ng	133495	4	11.29	1020920	20.0
Behenic alcohol	13.84	2.4	ng	119305	5	13.92	1015270	20.0