LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089475.D
Acq On : 31 Jul 2016 17:19
Operator : UM/SJ
Sample : H4257-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-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-BF072716.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	5	6	60	rVB	940278	2223265	100.00%	14.904%
2	4.593	260	263	272	rBV	340498	605198	27.22%	4.057%
3	5.061	302	304	323	rBV	922377	1319480	59.35%	8.845%
4	5.473	338	340	345	rVB	23978	30968	1.39%	0.208%
5	6.159	398	400	402	rBV	1198099	1435508	64.57%	9.623%
6	6.262	407	409	427	rVB	1432713	1576982	70.93%	10.572%
7	6.490	427	429	436	rBV	213353	247185	11.12%	1.657%
8	6.650	440	443	445	rBV	860375	1090048	49.03%	7.307%
9	7.062	477	479	490	rBV	573389	858292	38.61%	5.754%
10	7.782	539	542	544	rBV	226011	319500	14.37%	2.142%
11	8.856	634	636	639	rBV	1444536	1447566	65.11%	9.704%
12	9.256	669	671	674	rBV	213991	195748	8.80%	1.312%
13	9.519	692	694	697	rBV	448140	395761	17.80%	2.653%
14	9.976	732	734	736	rBV	28998	22961	1.03%	0.154%
15	10.308	761	763	773	rVV	890630	940772	42.31%	6.307%
16	10.445	773	775	782	rVB	32503	39371	1.77%	0.264%
17	10.993	820	823	835	rBV	328997	385570	17.34%	2.585%
18	11.553	869	872	875	rBV	39210	48562	2.18%	0.326%
19	12.194	926	928	935	rBV	47564	47949	2.16%	0.321%
20	12.422	945	948	951	rVV	27968	39351	1.77%	0.264%
21	12.571	959	961	964	rBV	951460	1071399	48.19%	7.182%
22	13.485	1038	1041	1046	rBV2	46413	69532	3.13%	0.466%
23	13.611	1049	1052	1059	rVB	205268	257412	11.58%	1.726%
24	14.605	1136	1139	1144	rBV	16593	32420	1.46%	0.217%
25	14.937	1166	1168	1175	rVB	186043	216351	9.73%	1.450%

Sum of corrected areas: 14917151

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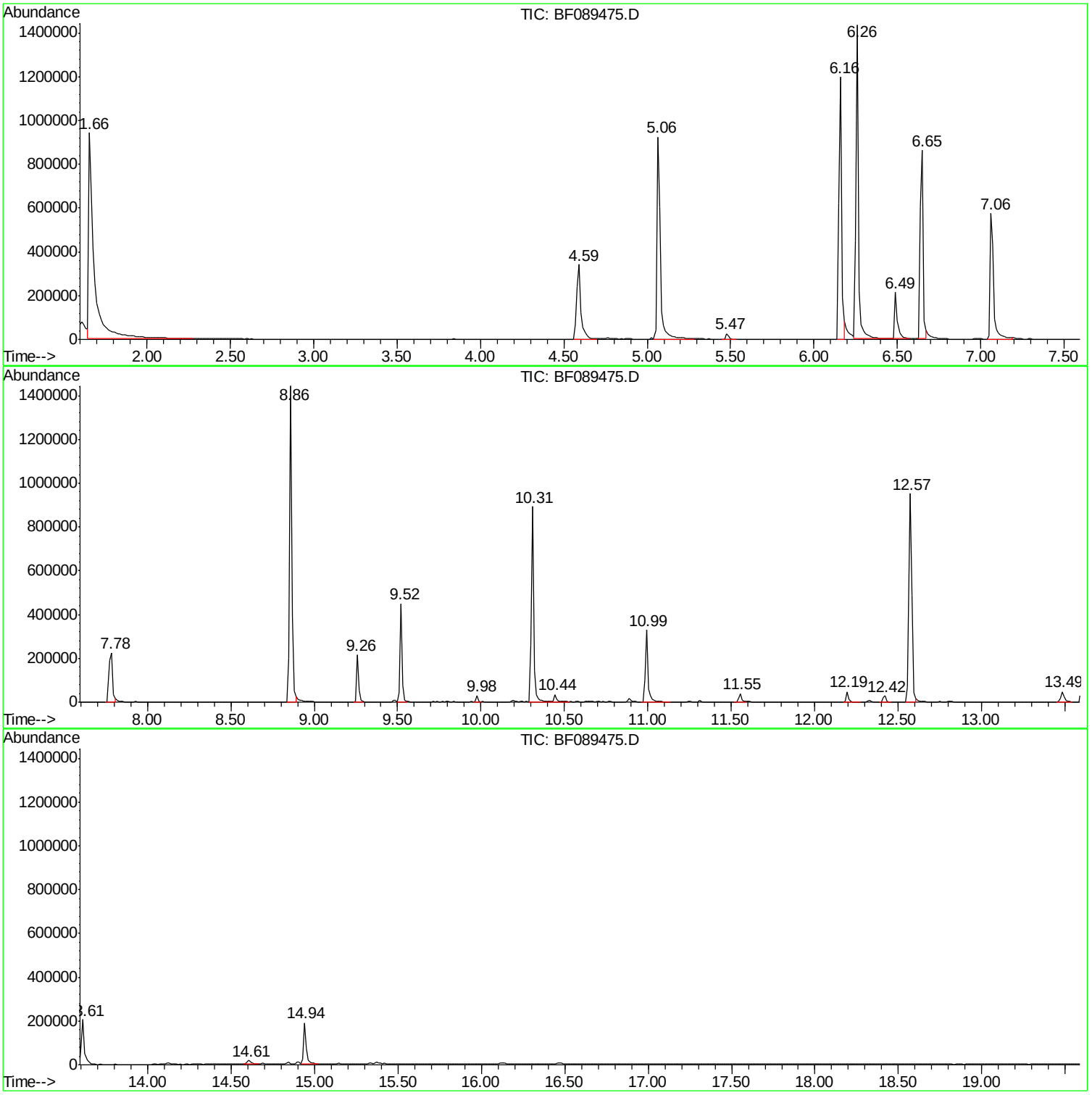
Instrument :
BNA_F
ClientSampleId :
TEC-COMP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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\BF073116\
Data File : BF089475.D
Acq On : 31 Jul 2016 17:19
Operator : UM/SJ
Sample : H4257-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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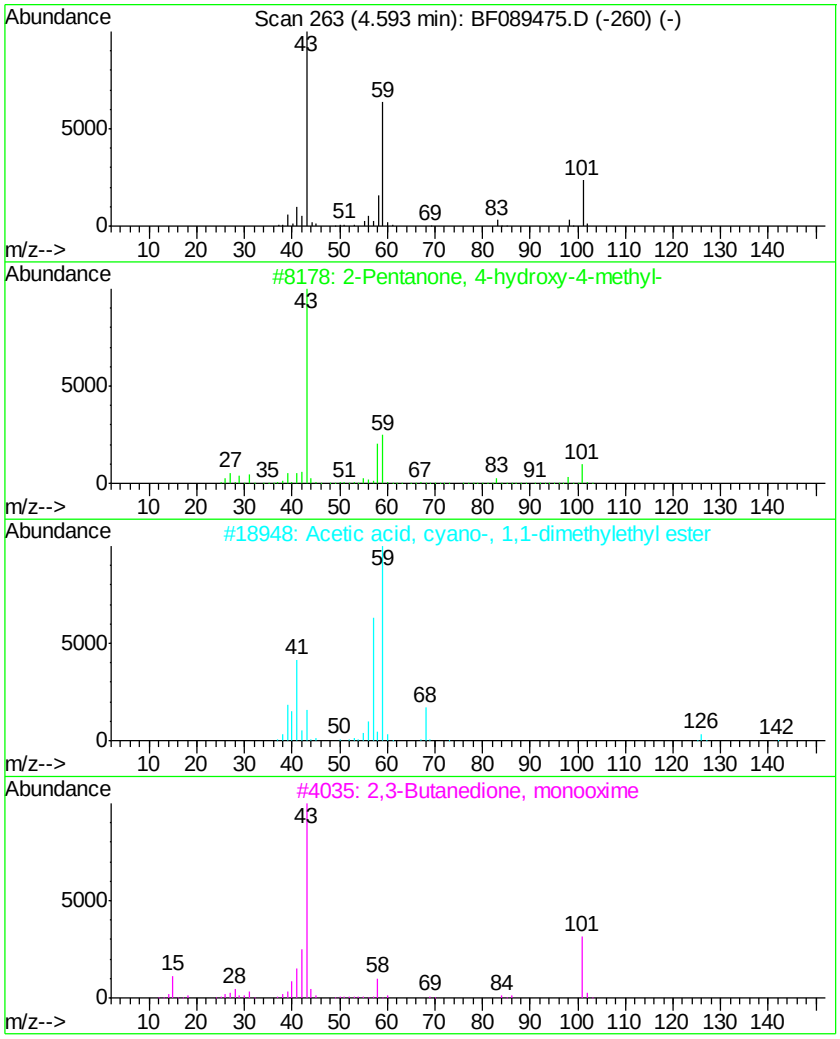
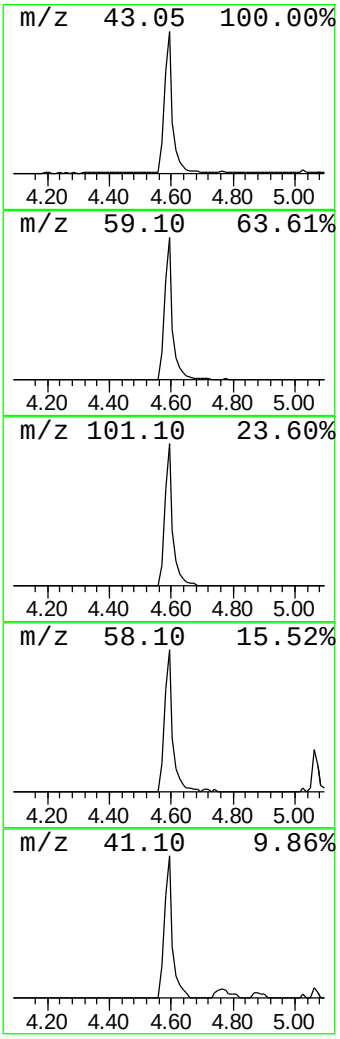
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	48.97 ng	605198	1,4-Dichlorobenzene-d4	6.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Sample : H4257-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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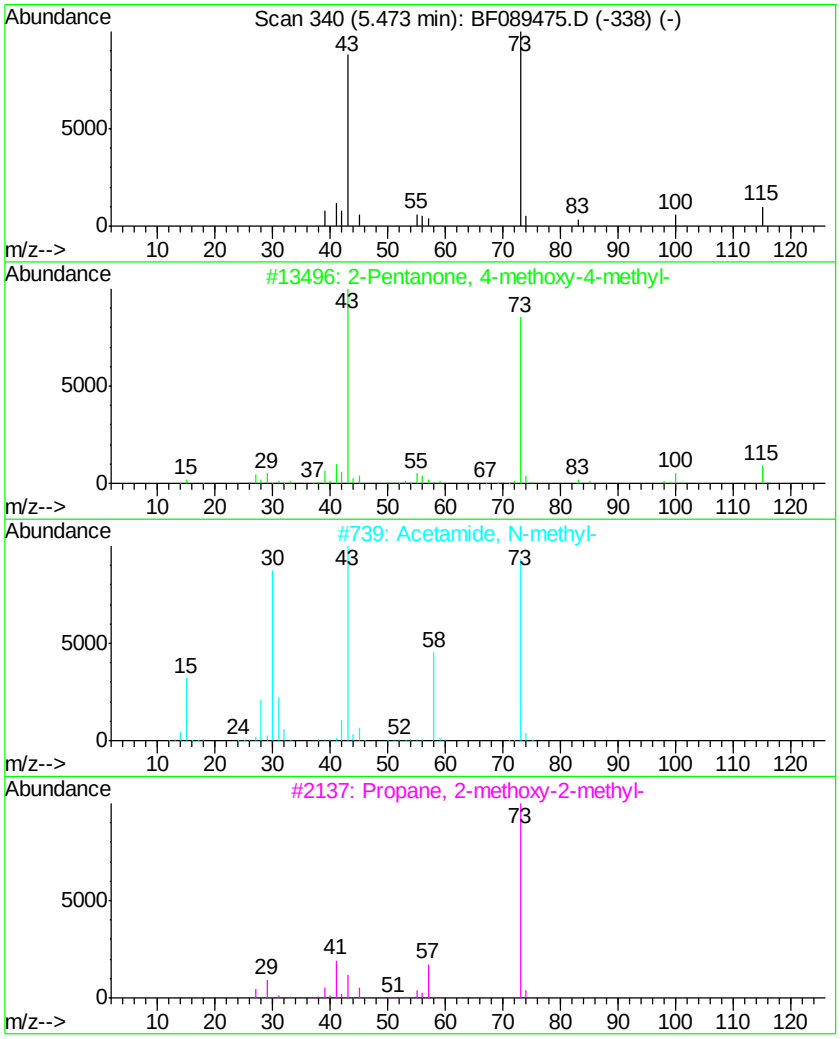
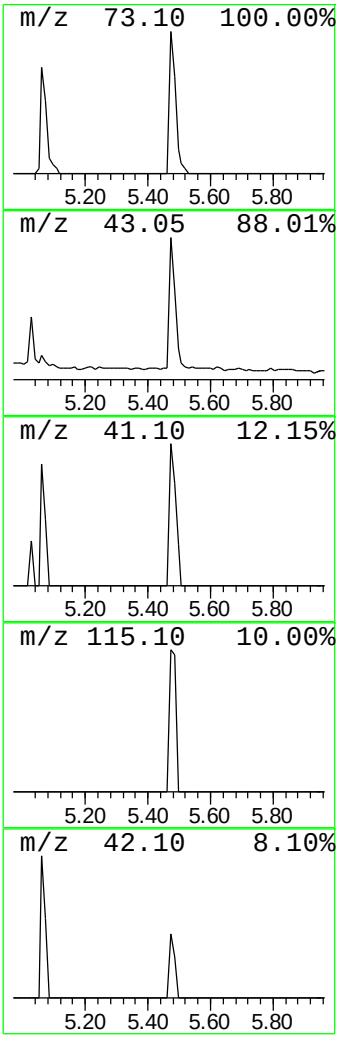
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	2.51 ng	30968	1,4-Dichlorobenzene-d4	6.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	78
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	38
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9
5	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	7





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Data File : BF089475.D
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Operator : UM/SJ
Sample : H4257-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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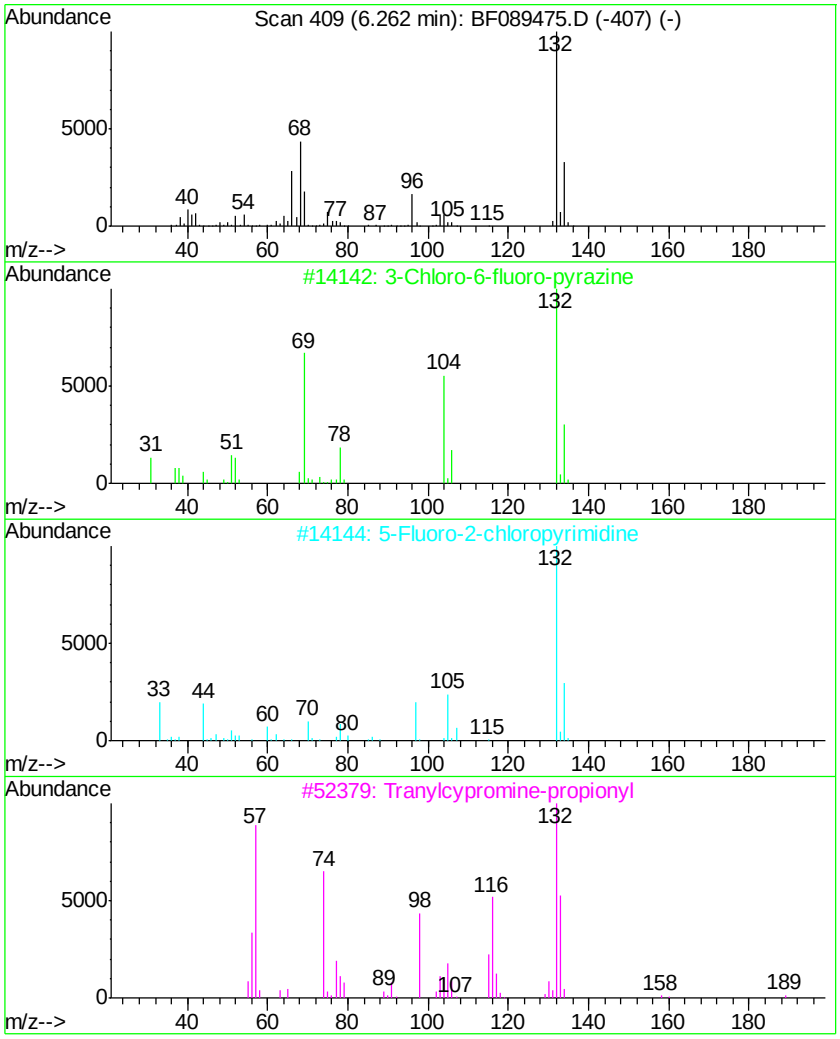
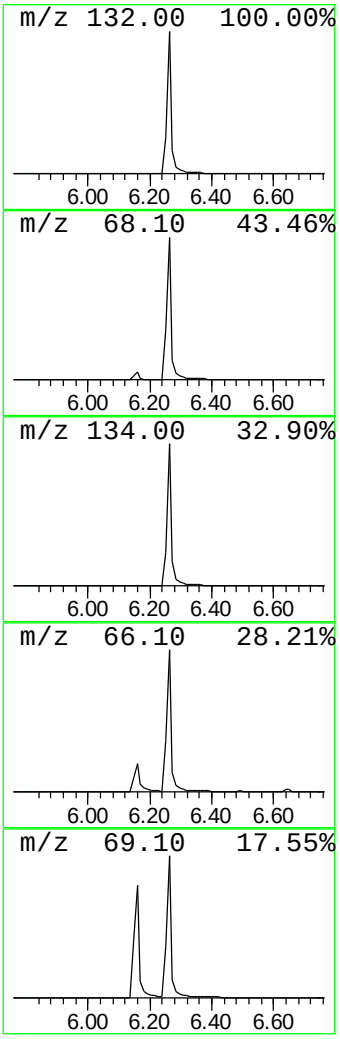
Peak Number 4 unknown6.26 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	127.60 ng	1576980	1,4-Dichlorobenzene-d4	6.49

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Instrument : BNA_F
ClientSampleId : TEC-COMP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
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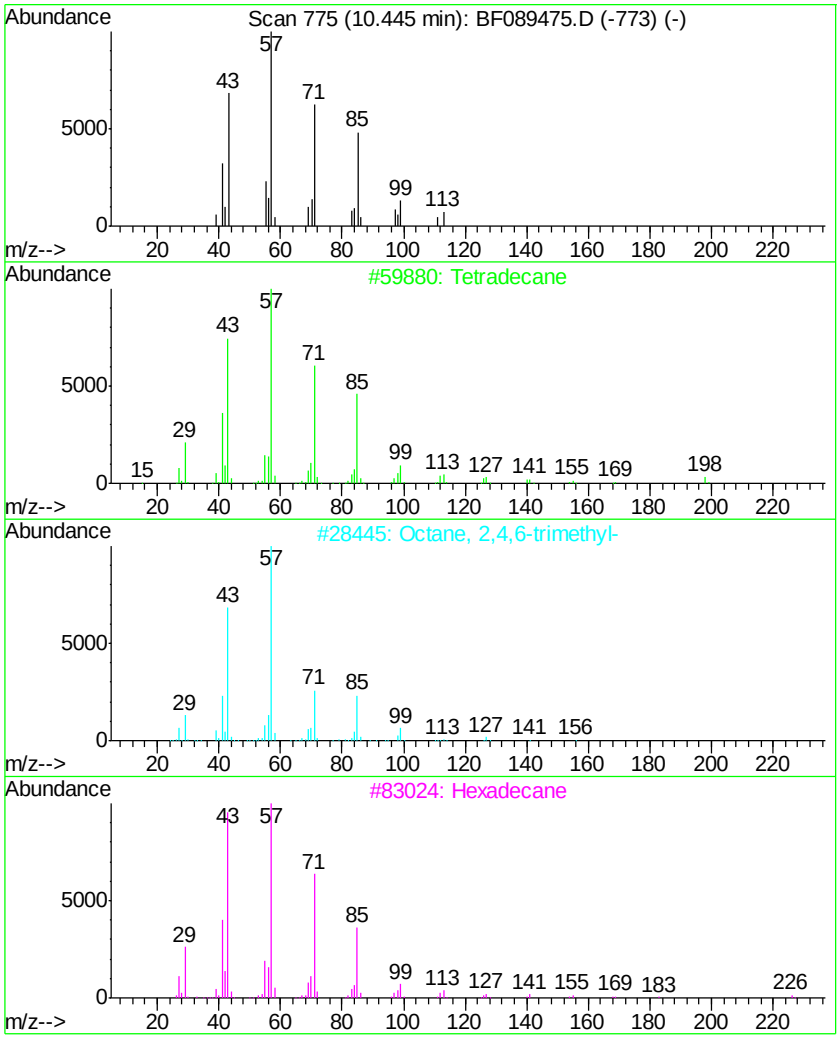
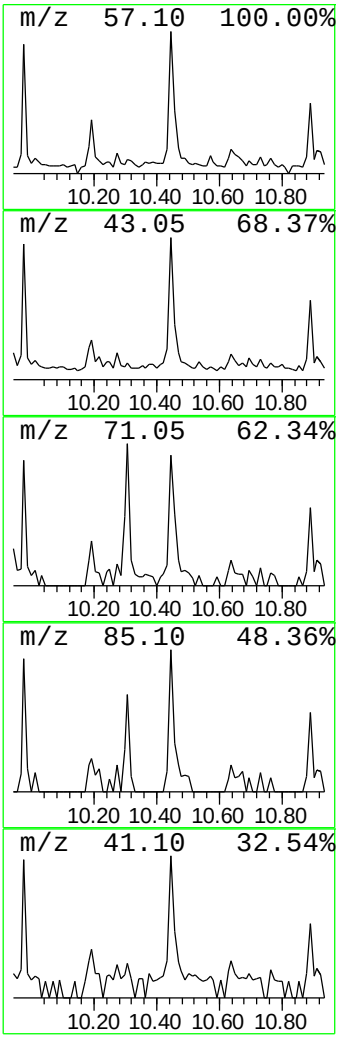
Peak Number 6 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	2.04 ng	39371	Phenanthrene-d10	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	78
3	Hexadecane	226	C16H34	000544-76-3	78
4	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	53
5	Tridecane	184	C13H28	000629-50-5	53





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Sample : H4257-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
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TIC Library : C:\Database\NIST11.L
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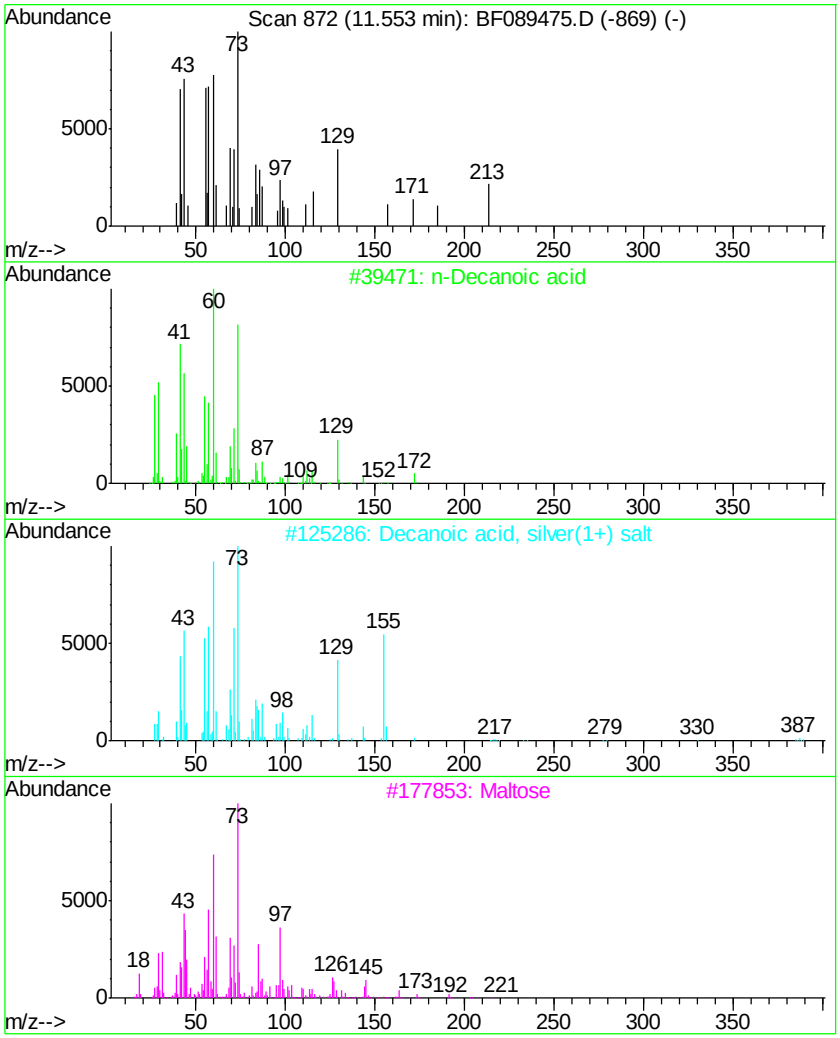
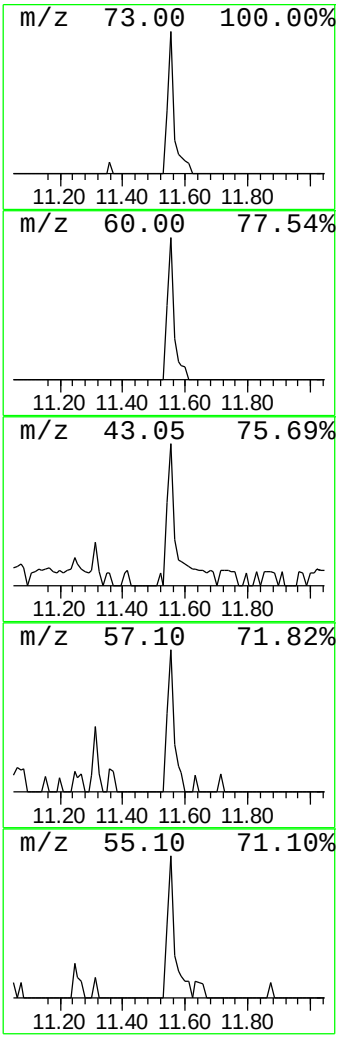
Peak Number 7 n-Decanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	2.52 ng	48562	Phenanthrene-d10	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	59
2	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	59
3	Maltose	342	C12H22O11	000069-79-4	35
4	.beta.-D-Mannofuranoside, 1-O-(1...	332	C17H32O6	1000155-29-9	14
5	Hexatriacontane	507	C36H74	000630-06-8	10





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

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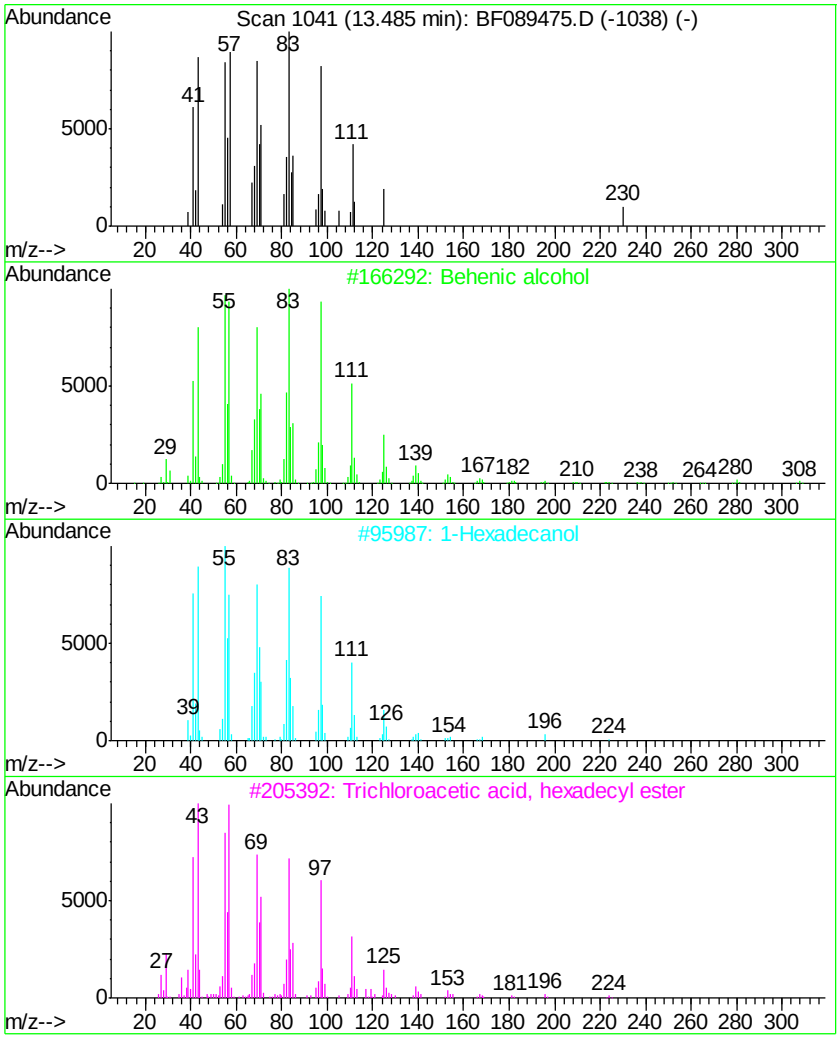
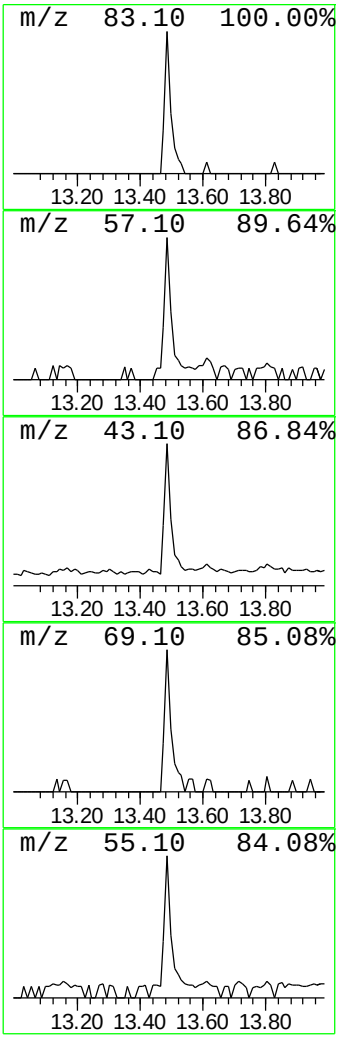
Peak Number 8 Behenic alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	5.40 ng	69532	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	1-Hexadecanol	242	C16H34O	036653-82-4	93
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





Tentatively Identified Compound (LSC) summary

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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
2-Pentanone, 4-hy...	4.59	49.0	ng	605198	1	6.49	247185	20.0
2-Pentanone, 4-me...	5.47	2.5	ng	30968	1	6.49	247185	20.0
unknown6.26	6.26	127.6	ng	1576980	1	6.49	247185	20.0
Tetradecane	10.44	2.0	ng	39371	4	10.99	385570	20.0
n-Decanoic acid	11.55	2.5	ng	48562	4	10.99	385570	20.0
Behenic alcohol	13.49	5.4	ng	69532	5	13.61	257412	20.0