LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087339.D
Acq On : 24 May 2016 13:28
Operator : UM/SJ
Sample : H3169-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

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-BF052316.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	1.678	7	8	67	rVB	2509872	7305988	100.00%	14.273%
2	4.901	287	290	308	rBV	229535	720374	9.86%	1.407%
3	5.530	343	345	372	rBV	2762316	4903895	67.12%	9.580%
4	7.165	484	488	490	rBV	2702542	4912617	67.24%	9.597%
5	7.267	494	497	518	rVB	3539769	5090963	69.68%	9.946%
6	7.610	525	527	537	rVB	711671	937308	12.83%	1.831%
7	7.850	545	548	558	rBV	2753873	3769051	51.59%	7.363%
8	8.525	604	607	626	rBV	2252600	3322605	45.48%	6.491%
9	9.645	702	705	717	rBV	754247	1227022	16.79%	2.397%
10	11.428	857	861	863	rBV	3738373	5634387	77.12%	11.008%
11	12.114	919	921	926	rBV	322693	447354	6.12%	0.874%
12	12.468	949	952	961	rBV	1006859	1392260	19.06%	2.720%
13	13.302	1022	1025	1028	rVB	113350	140380	1.92%	0.274%
14	13.771	1062	1066	1072	rBV	2284179	3313980	45.36%	6.474%
15	14.079	1090	1093	1100	rBV	112457	189918	2.60%	0.371%
16	14.868	1160	1162	1170	rVB	746224	1228111	16.81%	2.399%
17	15.474	1207	1215	1227	rBV3	45047	239208	3.27%	0.467%
18	17.051	1351	1353	1356	rBV	120155	124021	1.70%	0.242%
19	17.211	1364	1367	1370	rBV	3264915	4513160	61.77%	8.817%
20	18.560	1482	1485	1488	rBV	540895	919215	12.58%	1.796%
21	18.606	1488	1489	1492	rVB	85847	94616	1.30%	0.185%
22	19.577	1571	1574	1576	rBV	66433	90602	1.24%	0.177%
23	20.217	1628	1630	1636	rBV	457387	669733	9.17%	1.308%

Sum of corrected areas: 51186768

LSC Report - Integrated Chromatogram

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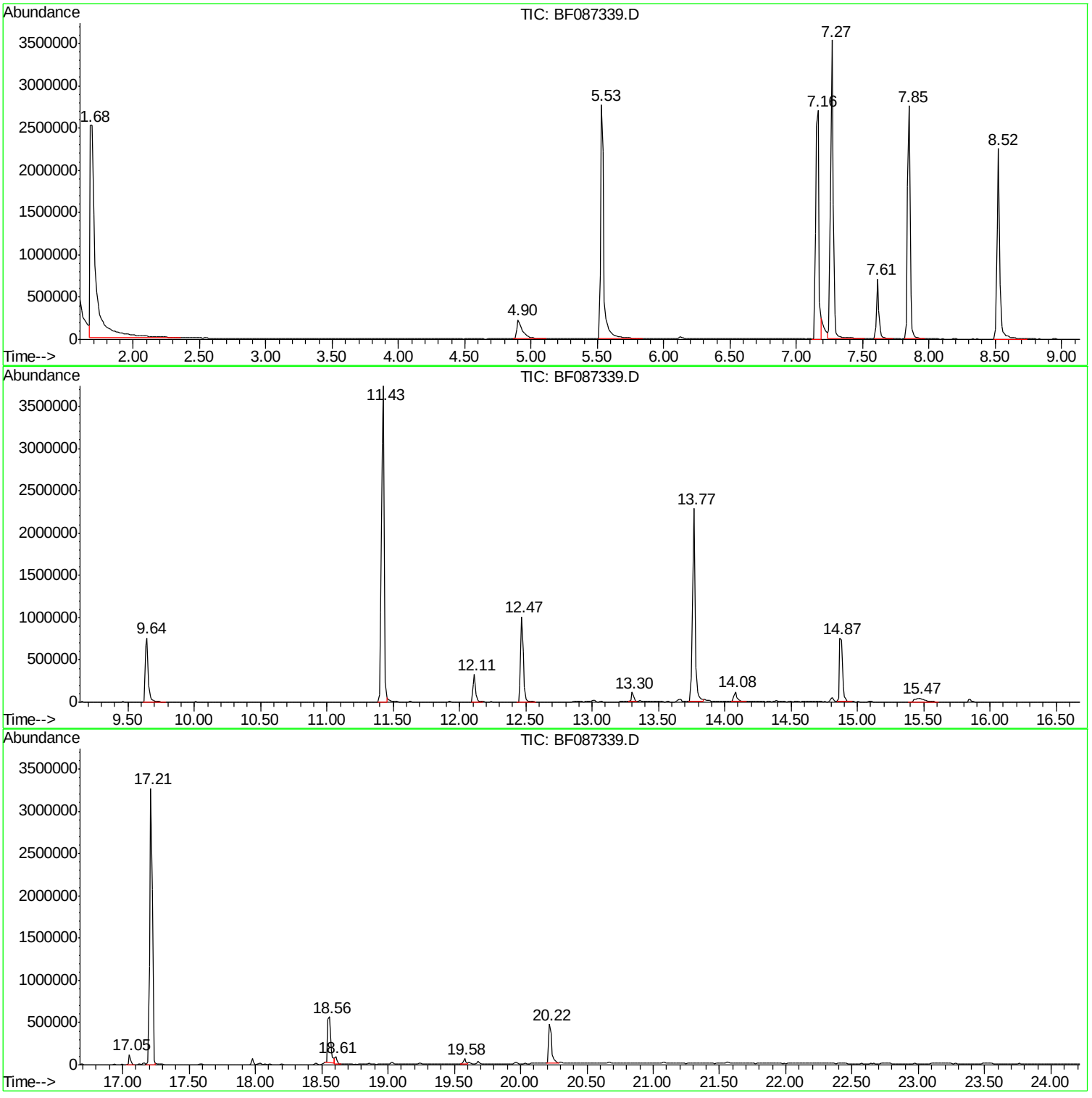
Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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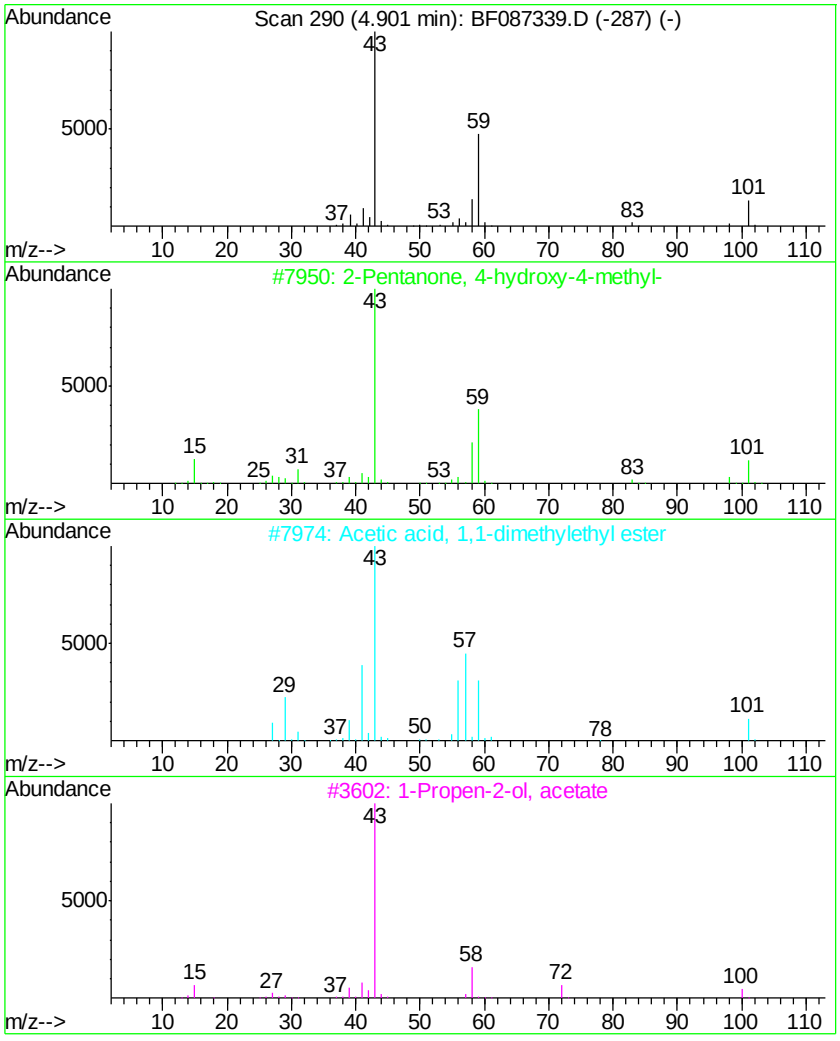
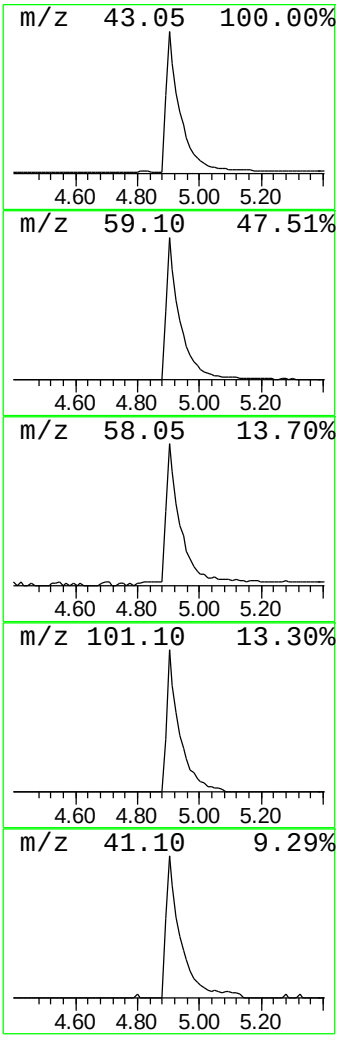
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	15.37 ng	720374	1,4-Dichlorobenzene-d4	7.61

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	28
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane	58	C4H10	000106-97-8	9





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Instrument : BNA_F
ClientSampleId : SB-09-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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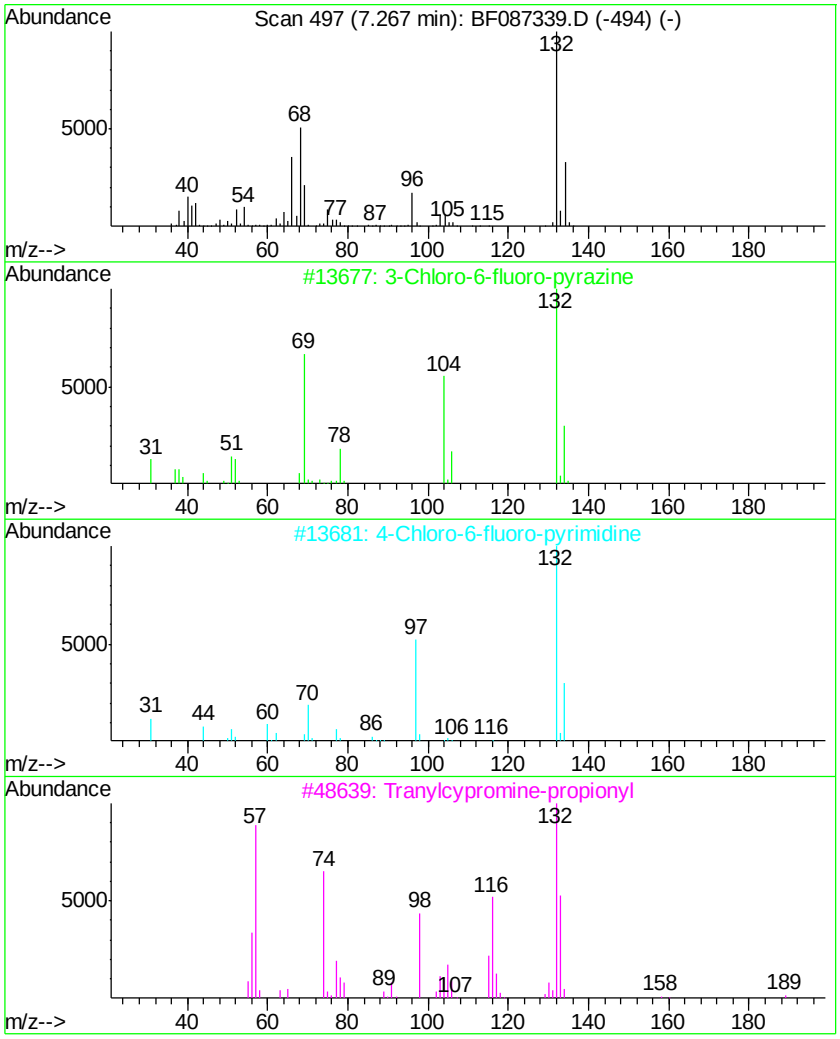
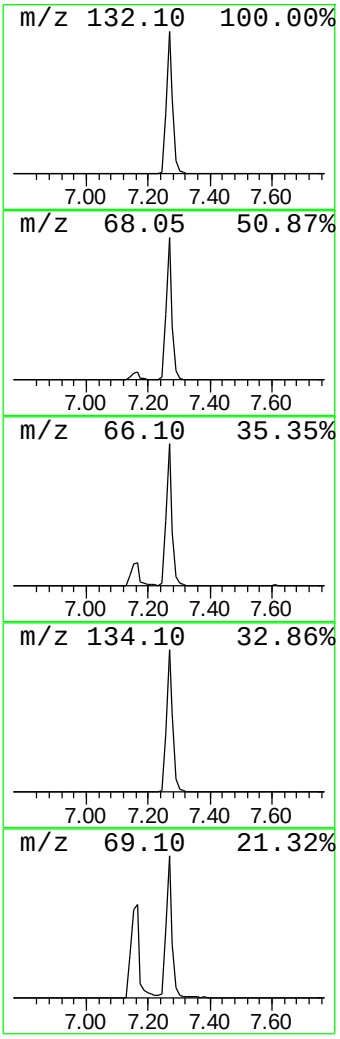
Peak Number 3 unknown7.27 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	108.63 ng	5090960	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Instrument : BNA_F
ClientSampleId : SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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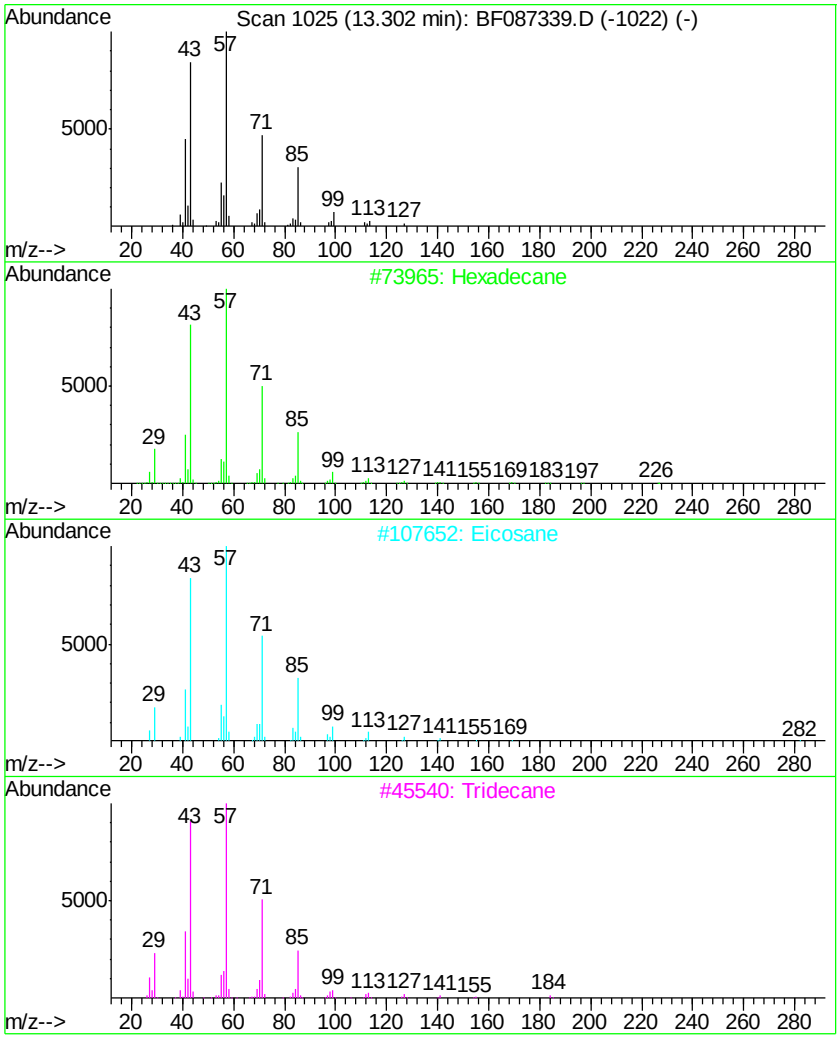
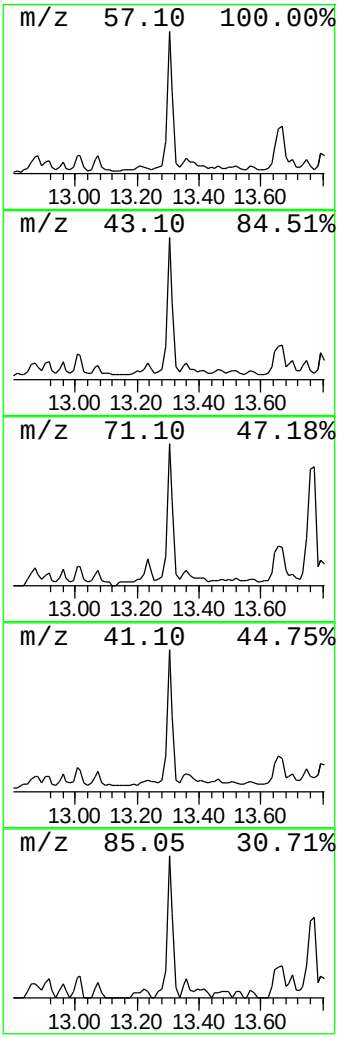
Peak Number 5 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	2.02 ng	140380	Acenaphthene-d10	12.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	72
3	Tridecane	184	C13H28	000629-50-5	72
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5	Decane, 3-methyl-	156	C11H24	013151-34-3	64





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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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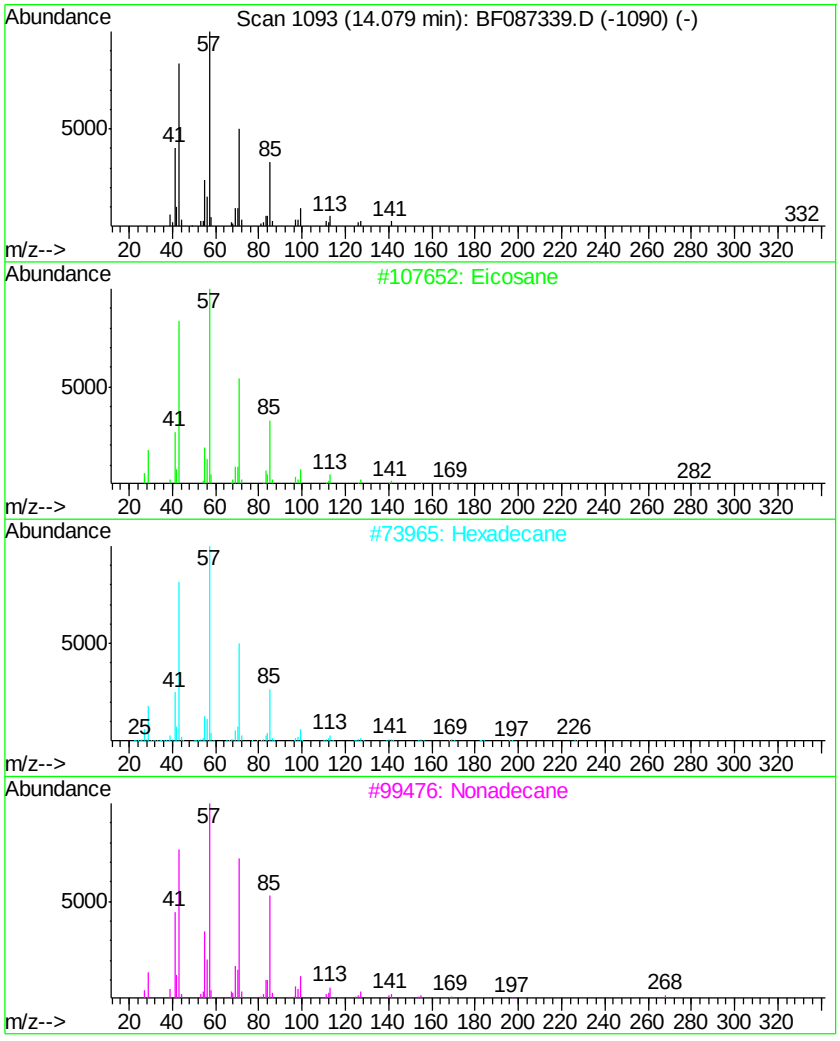
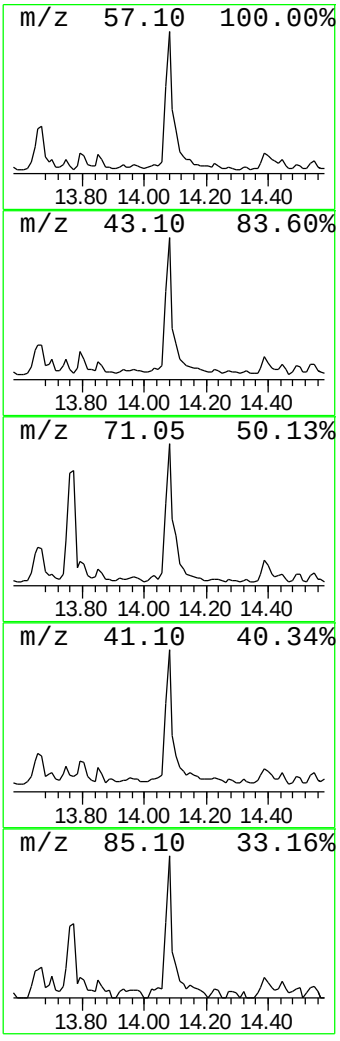
Peak Number 6 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	3.09 ng	189918	Phenanthrene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Nonadecane	268	C19H40	000629-92-5	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Heptacosane	380	C27H56	000593-49-7	86





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Instrument : BNA_F
ClientSampleId : SB-09-COMP

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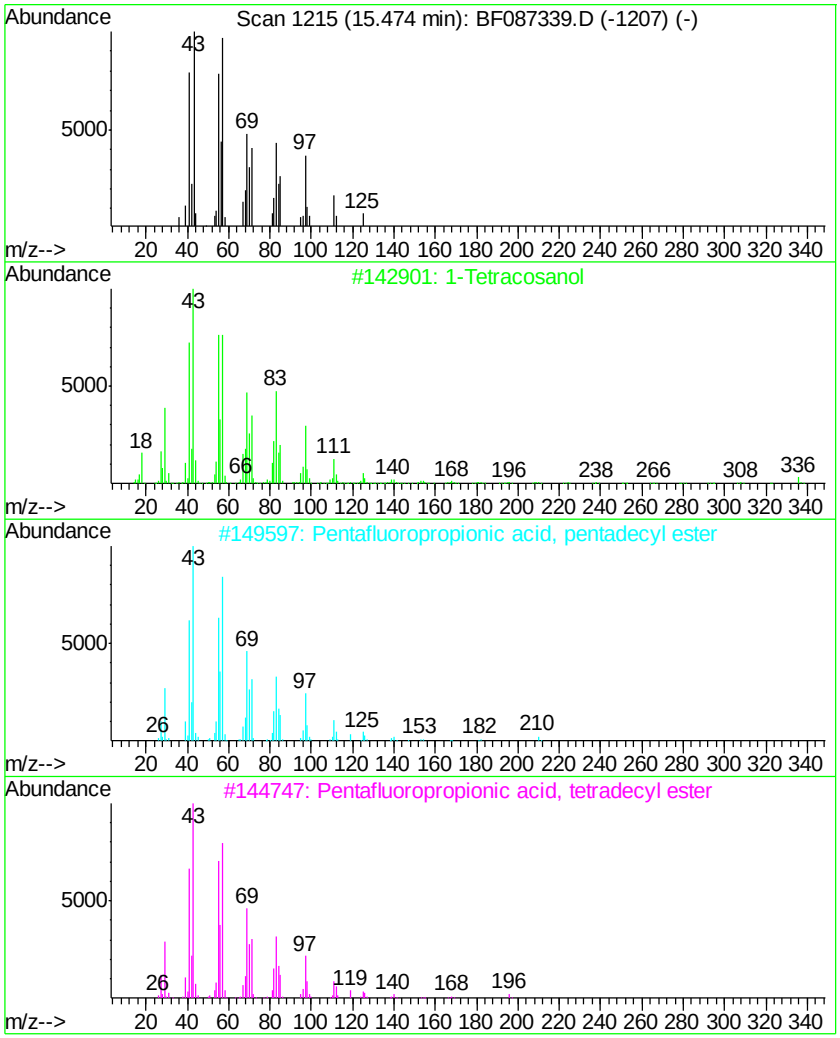
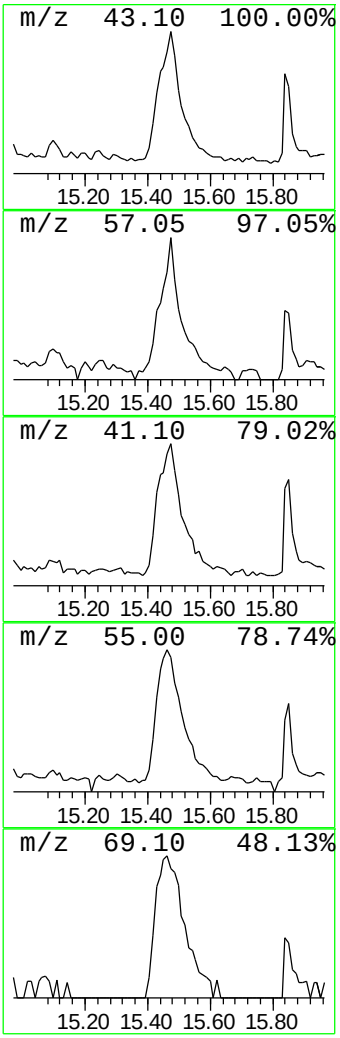
Peak Number 7 1-Tetracosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	3.90 ng	239208	Phenanthrene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosanol	354	C24H50O	000506-51-4	91
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	1000280-07-5	90
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	90
4	Acetic acid, trifluoro-, tetrade...	310	C16H29F3O2	006222-02-2	86
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	83





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

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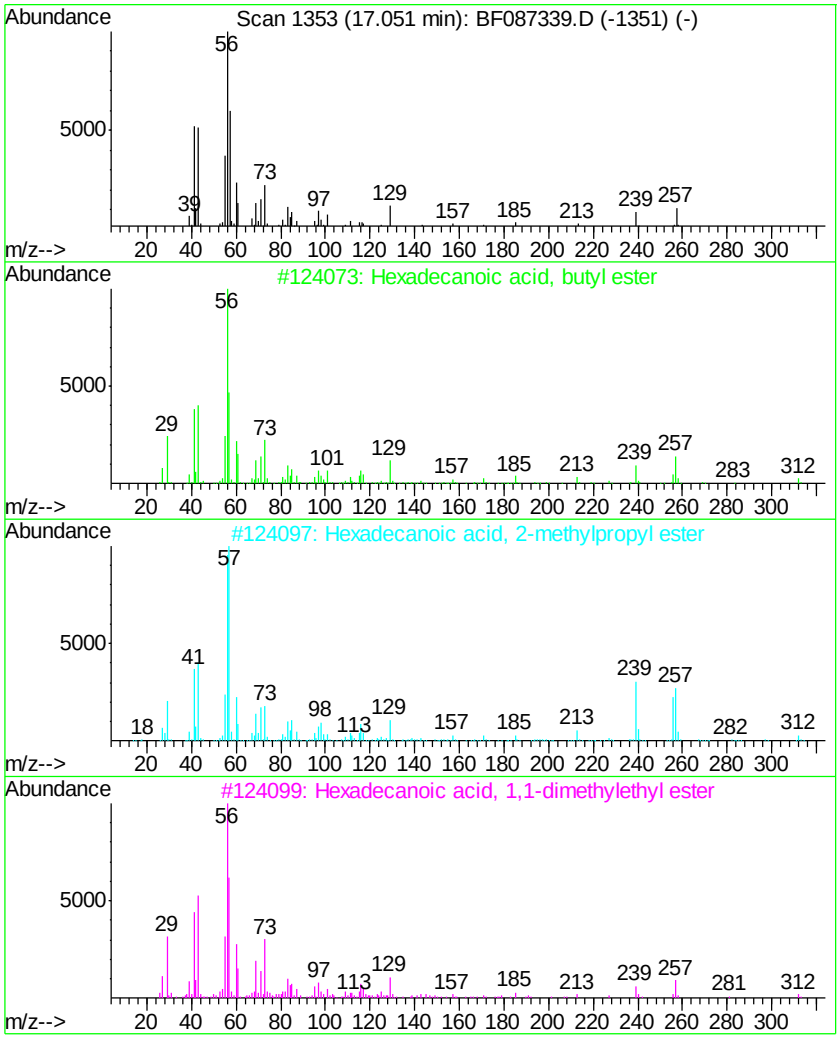
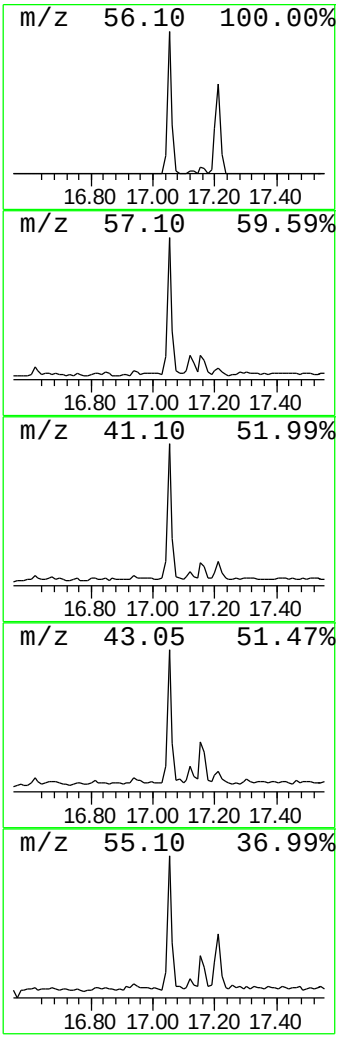
Peak Number 8 Hexadecanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	2.70 ng	124021	Chrysene-d12	18.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	83
2	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	50
3	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	49
4	Cyclohexanol, 4-amino-, trans-	115	C6H13NO	027489-62-9	38
5	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	38





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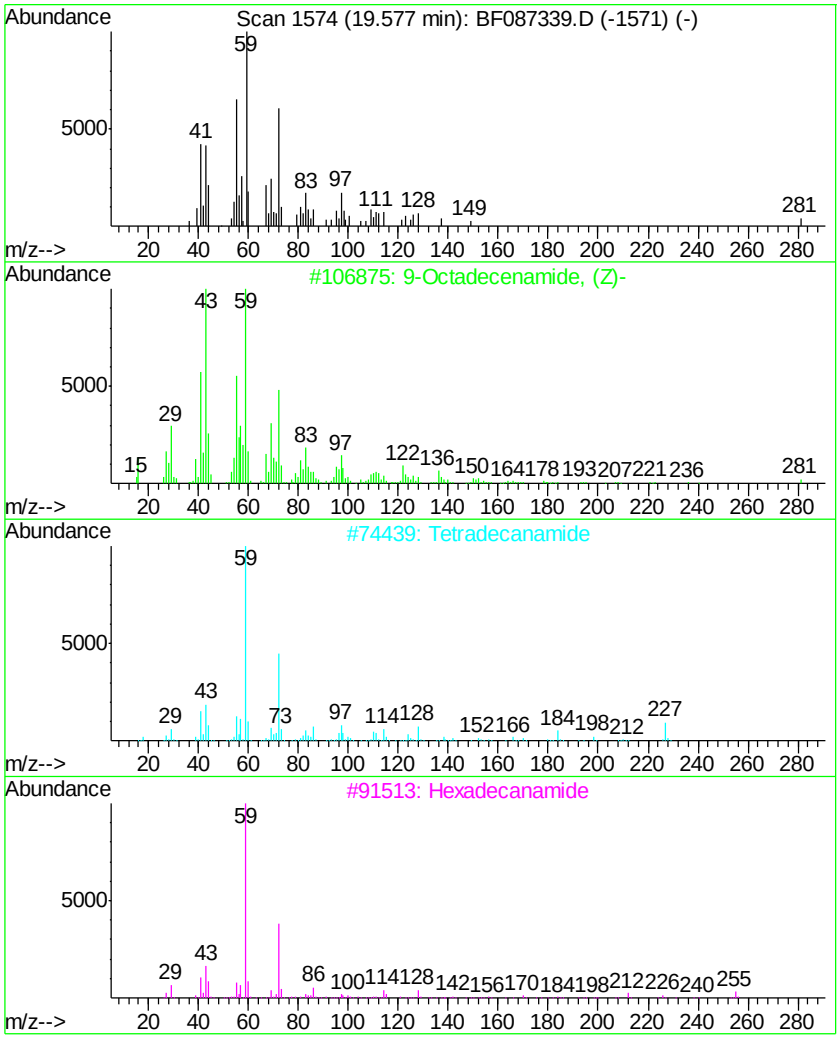
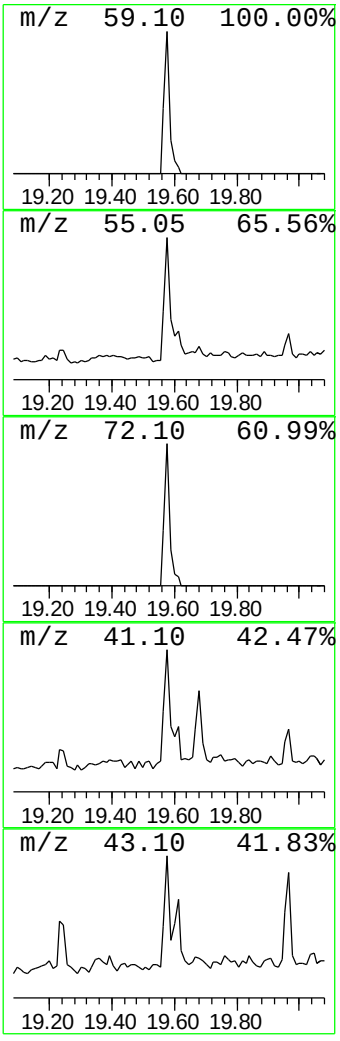
Peak Number 9 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.58	2.71 ng	90602	Perylene-d12	20.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
2	Tetradecanamide	227	C14H29NO	000638-58-4	64
3	Hexadecanamide	255	C16H33NO	000629-54-9	59
4	d-Glucosamine	179	C6H13NO5	000090-77-7	53
5	Nonadecanamide	297	C19H39NO	058185-32-3	42





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.90	15.4	ng	720374	1	7.61	937308	20.0
unknown7.27	7.27	108.6	ng	5090960	1	7.61	937308	20.0
Hexadecane	13.30	2.0	ng	140380	3	12.47	1392260	20.0
Eicosane	14.08	3.1	ng	189918	4	14.88	1228110	20.0
1-Tetracosanol	15.47	3.9	ng	239208	4	14.88	1228110	20.0
Hexadecanoic acid...	17.05	2.7	ng	124021	5	18.56	919215	20.0
9-Octadecenamide,...	19.58	2.7	ng	90602	6	20.22	669733	20.0