LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087342.D
Acq On : 24 May 2016 15:08
Operator : UM/SJ
Sample : H3169-12
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-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	46	rVB	3257137	8717109	100.00%	17.916%
2	4.901	288	290	310	rBV	229686	735233	8.43%	1.511%
3	5.530	343	345	375	rBV	2661626	4563500	52.35%	9.379%
4	7.153	484	487	490	rBV	2703851	4285807	49.17%	8.808%
5	7.267	494	497	507	rVB	3438721	4671909	53.59%	9.602%
6	7.610	525	527	540	rVB	742144	971399	11.14%	1.996%
7	7.850	545	548	564	rVB	2567941	3564525	40.89%	7.326%
8	8.525	604	607	625	rBV	2204749	3121412	35.81%	6.415%
9	9.645	702	705	718	rBV	766020	1254576	14.39%	2.578%
10	11.416	857	860	863	rBV	2999232	4764251	54.65%	9.792%
11	12.114	918	921	925	rBV	430564	591459	6.79%	1.216%
12	12.468	949	952	958	rBV	1033213	1451604	16.65%	2.983%
13	13.302	1022	1025	1028	rVB	162009	195875	2.25%	0.403%
14	13.657	1051	1056	1059	rBV	42668	100824	1.16%	0.207%
15	13.771	1062	1066	1068	rBV	1930249	2822077	32.37%	5.800%
16	14.079	1090	1093	1098	rBV	149361	253620	2.91%	0.521%
17	14.811	1155	1157	1159	rBV	95164	115861	1.33%	0.238%
18	14.868	1160	1162	1172	rVB	754705	1235905	14.18%	2.540%
19	15.851	1244	1248	1254	rBV	43150	92235	1.06%	0.190%
20	16.628	1314	1316	1318	rVV	100893	112025	1.29%	0.230%
21	17.211	1364	1367	1370	rBV	2839664	3355740	38.50%	6.897%
22	18.560	1482	1485	1488	rBV	566479	845587	9.70%	1.738%
23	19.577	1572	1574	1580	rBV2	79367	129089	1.48%	0.265%
24	20.217	1629	1630	1636	rVV	413893	704615	8.08%	1.448%

Sum of corrected areas: 48656237

LSC Report - Integrated Chromatogram

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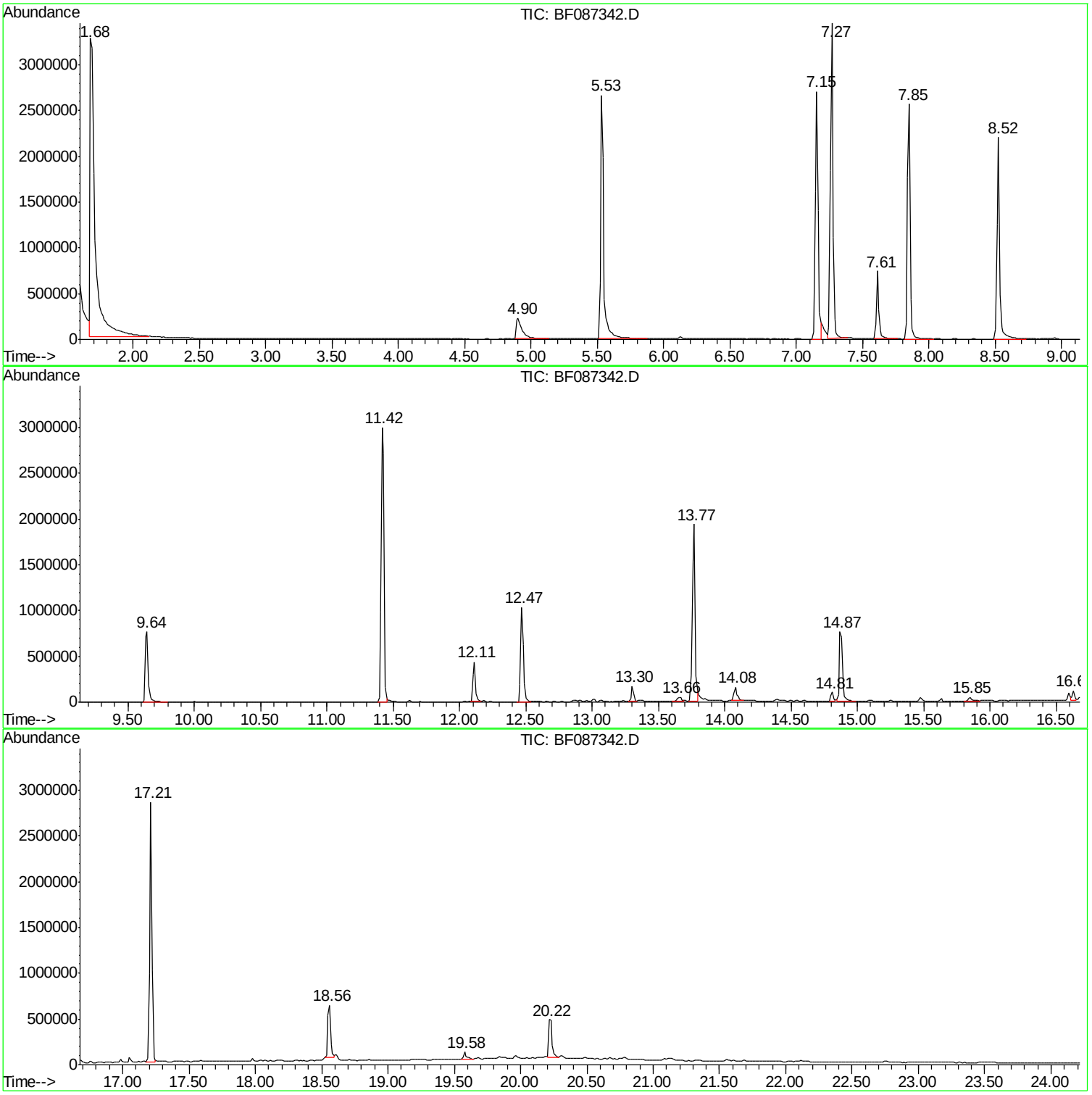
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

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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Operator : UM/SJ
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Instrument : BNA_F
ClientSampleId : SB-04-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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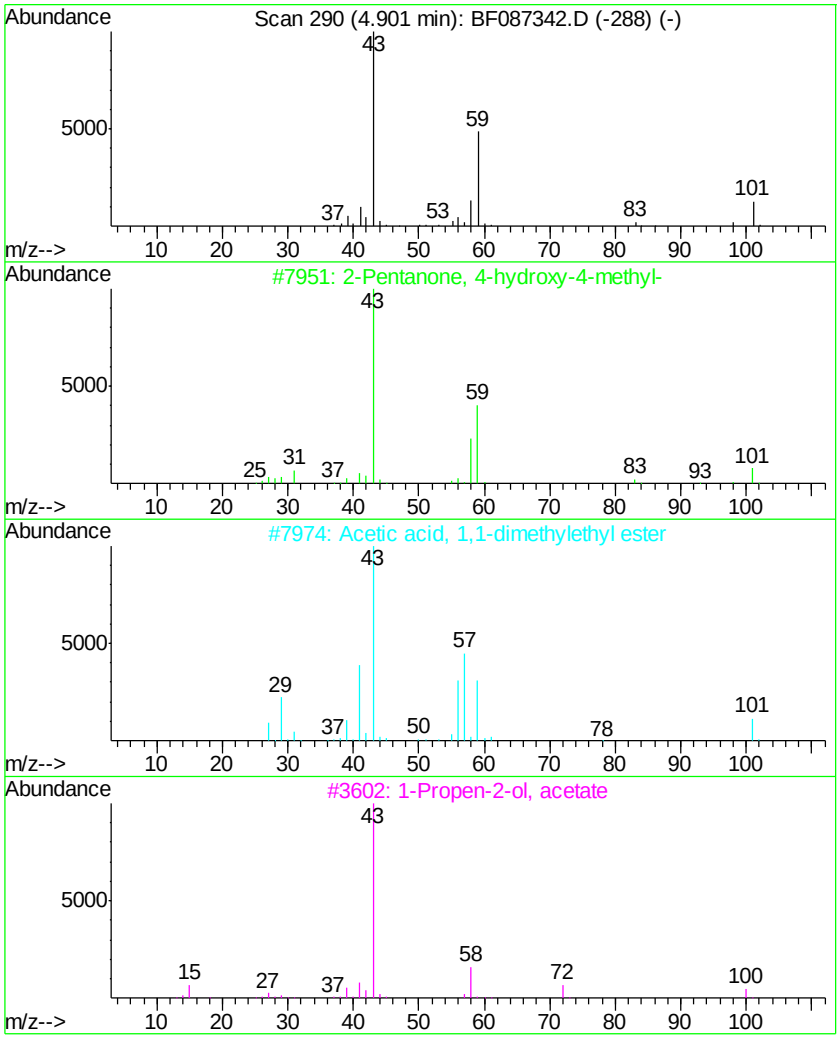
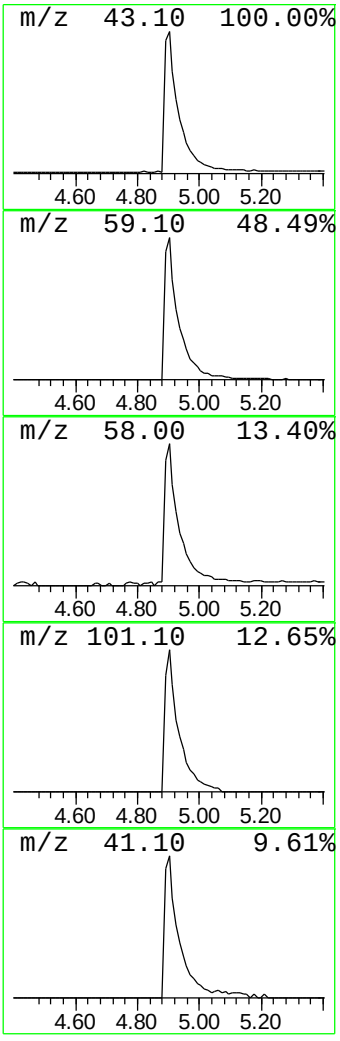
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	15.14 ng	735233	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	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
5	Acetic acid, 2-propenyl ester	100	C5H8O2	000591-87-7	9





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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-COMP

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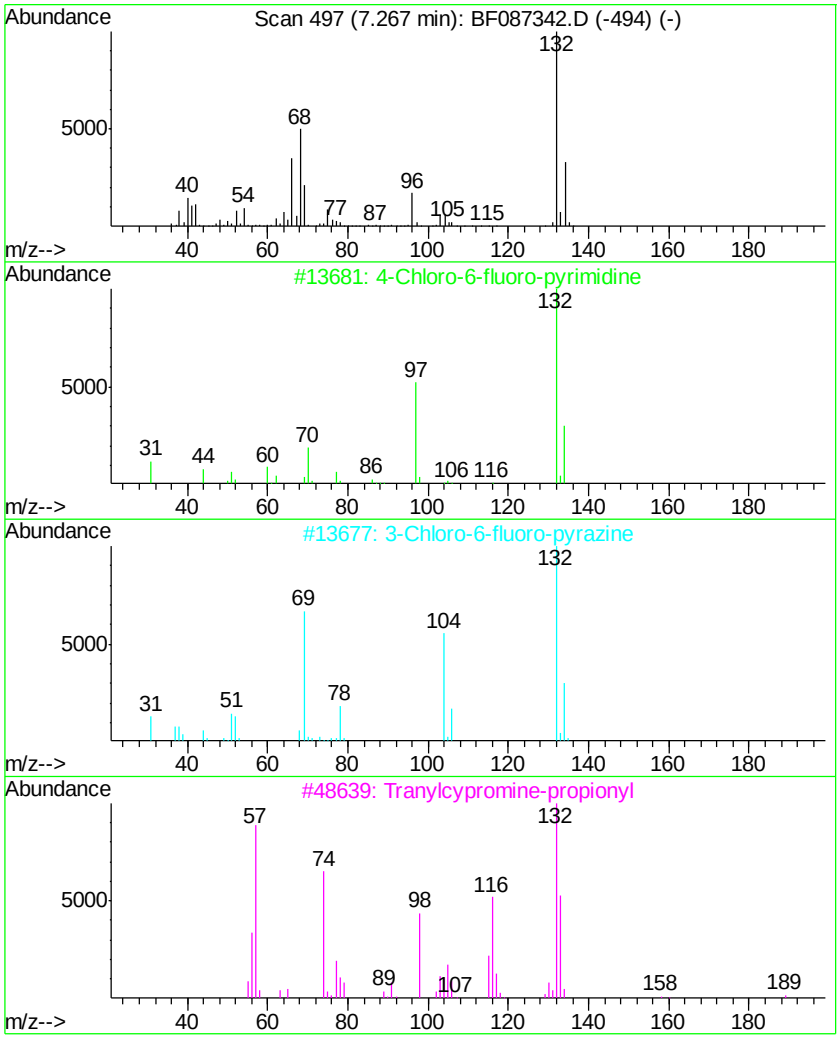
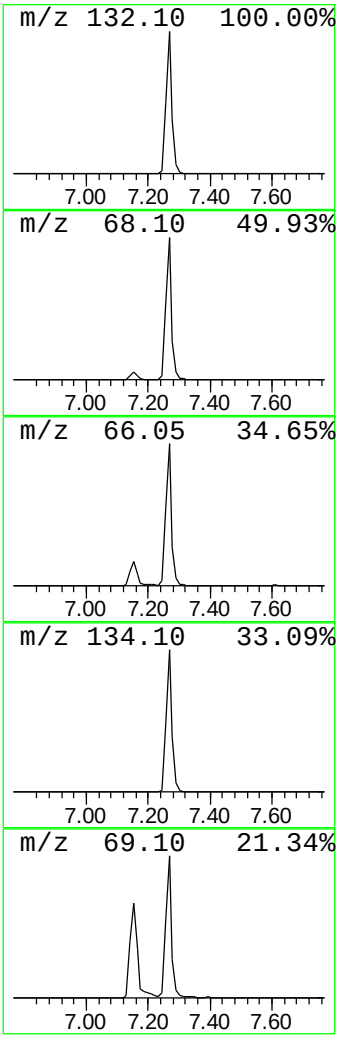
Peak Number 3 unknown7.27 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	96.19 ng	4671910	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	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





Library Search Compound Report

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Acq On : 24 May 2016 15:08
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Sample : H3169-12
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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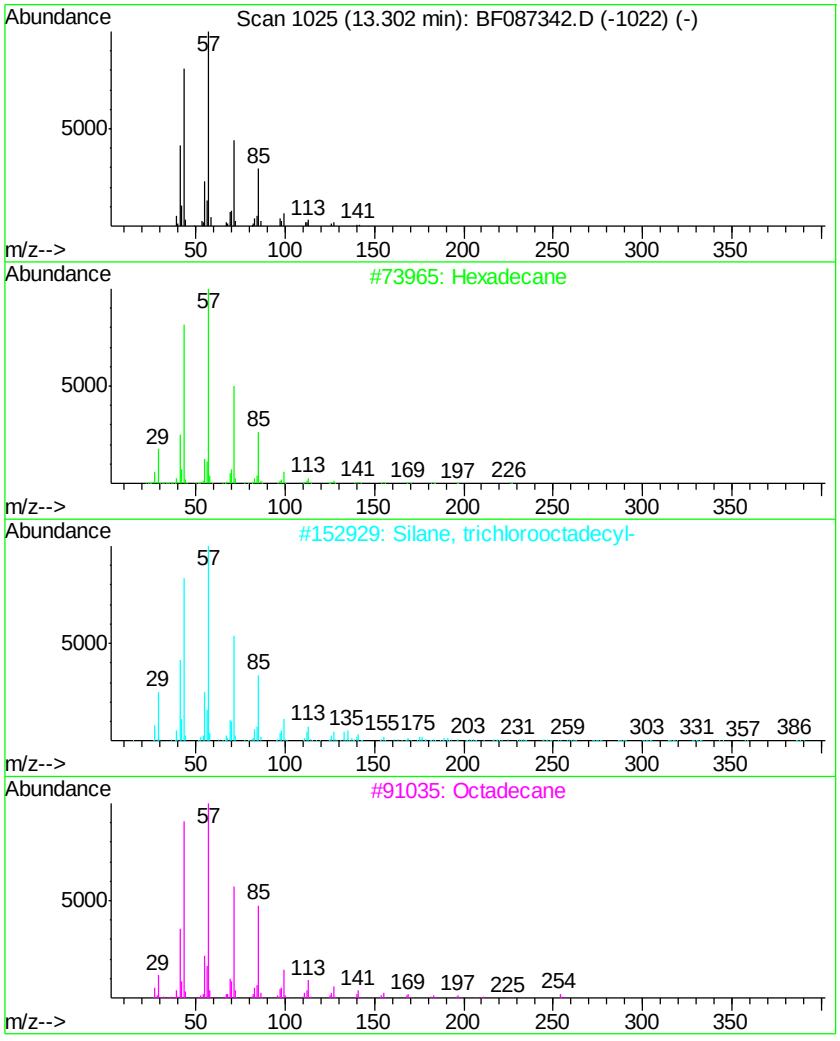
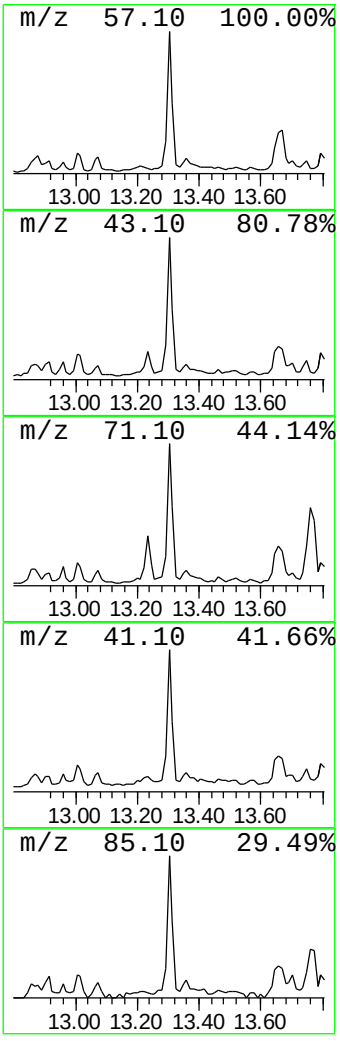
Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	2.70 ng	195875	Acenaphthene-d10	12.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
3	Octadecane	254	C18H38	000593-45-3	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Pentadecane	212	C15H32	000629-62-9	86





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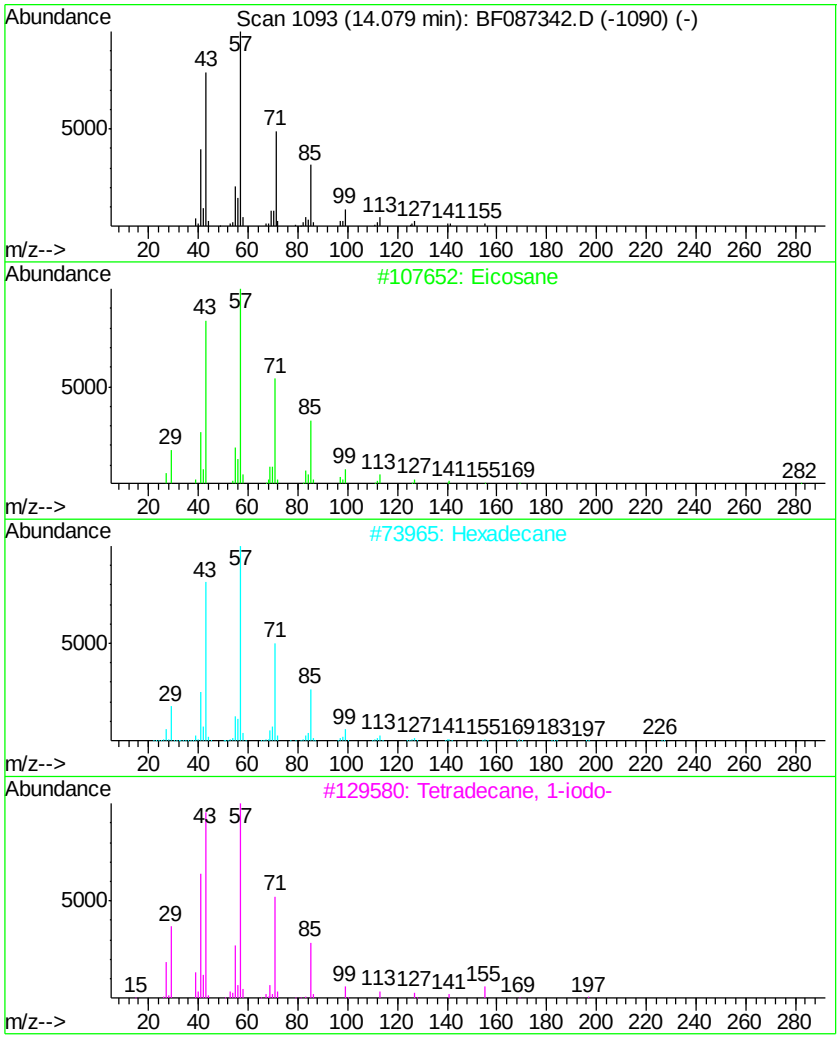
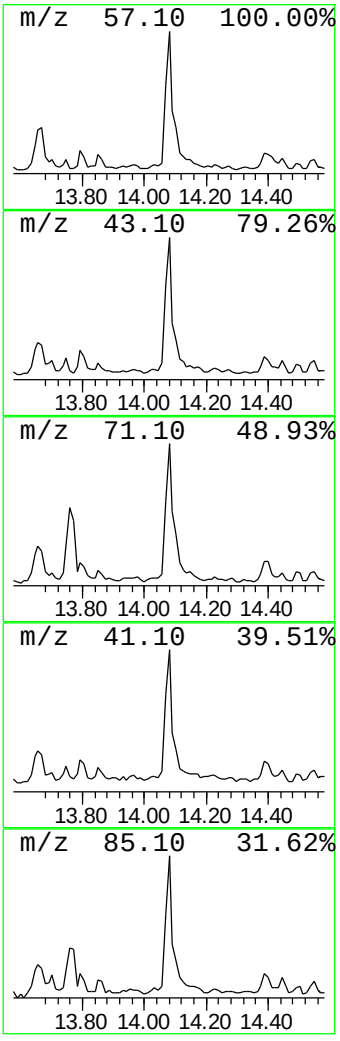
Peak Number 6 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	4.10 ng	253620	Phenanthrene-d10	14.87

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	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
4	Decane, 3-bromo-	220	C10H21Br	030571-71-2	80
5	Octadecane	254	C18H38	000593-45-3	80





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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST02.L
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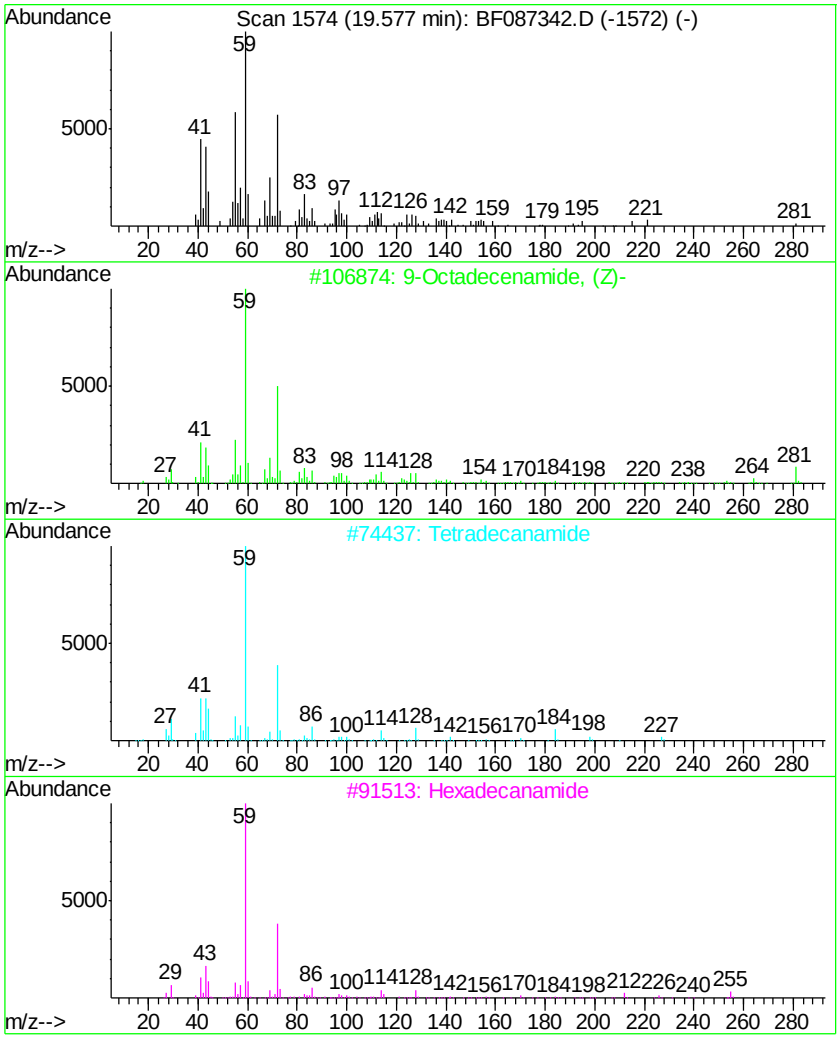
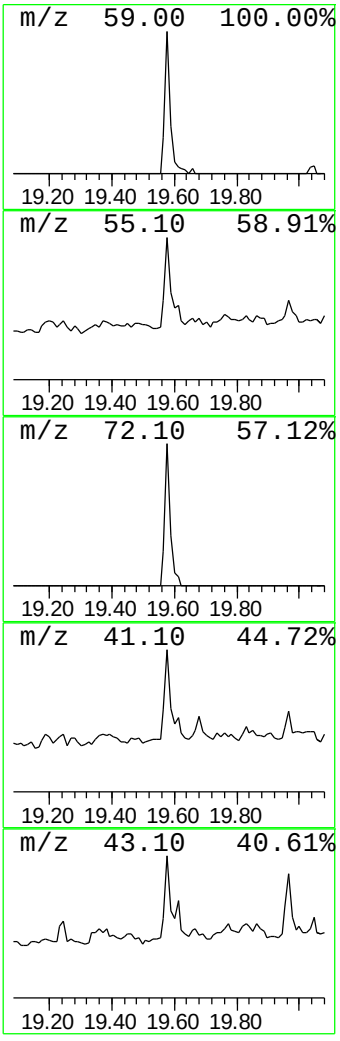
Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.58	3.66 ng	129089	Perylene-d12	20.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
2	Tetradecanamide	227	C14H29NO	000638-58-4	53
3	Hexadecanamide	255	C16H33NO	000629-54-9	50
4	Cyclooctanemethanol, .alpha.,.al...	170	C11H22O	016624-06-9	38
5	2,11-Dimethyl-2,11-dodecanediol	230	C14H30O2	022092-59-7	38





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.90	15.1	ng	735233	1	7.61	971399	20.0
unknown7.27	7.27	96.2	ng	4671910	1	7.61	971399	20.0
Hexadecane	13.30	2.7	ng	195875	3	12.47	1451600	20.0
Eicosane	14.08	4.1	ng	253620	4	14.87	1235910	20.0
9-Octadecenamide,...	19.58	3.7	ng	129089	6	20.23	704615	20.0