LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085398.D
Acq On : 12 Mar 2016 4:48
Operator : UM/SJ
Sample : H1754-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-25(0.5-4.5)

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-BF030316.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	4.493	191	193	197	rVB	89261	130662	2.81%	0.334%
2	5.144	247	250	258	rVB	269366	402999	8.67%	1.030%
3	5.544	282	285	287	rBV	3862507	4365633	93.88%	11.155%
4	6.562	371	374	377	rBV	3000668	4512012	97.03%	11.529%
5	6.699	384	386	389	rBV	3211934	4600368	98.93%	11.755%
6	6.939	404	407	409	rBV	696867	905513	19.47%	2.314%
7	7.087	418	420	423	rBV	2742617	3492728	75.11%	8.925%
8	7.499	453	456	458	rBV	2664222	2751524	59.17%	7.031%
9	8.219	517	519	521	rBV	1431825	1194310	25.68%	3.052%
10	9.305	611	614	616	rBV	3747885	4650019	100.00%	11.882%
11	9.693	646	648	649	rBV	551689	512689	11.03%	1.310%
12	9.911	664	667	669	rBV	72296	67254	1.45%	0.172%
13	9.979	671	673	675	rVB	1414759	1239418	26.65%	3.167%
14	10.402	708	710	712	rVB	101360	121276	2.61%	0.310%
15	10.631	726	730	733	rBV	43366	75856	1.63%	0.194%
16	10.768	739	742	744	rBV	2628241	2536125	54.54%	6.480%
17	10.882	750	752	759	rBV	148500	188448	4.05%	0.482%
18	11.328	789	791	793	rBV	65242	59370	1.28%	0.152%
19	11.465	800	803	805	rBV	1180573	1075481	23.13%	2.748%
20	11.991	847	849	851	rBV	84680	116691	2.51%	0.298%
21	12.768	916	917	924	rBV	40247	70547	1.52%	0.180%
22	13.054	939	942	944	rBV	3115122	3070495	66.03%	7.846%
23	13.945	1018	1020	1025	rBV	124888	157580	3.39%	0.403%
24	14.105	1030	1034	1036	rBV	819792	935864	20.13%	2.391%
25	14.757	1088	1091	1093	rBV	1053424	1001256	21.53%	2.558%
26	14.860	1097	1100	1104	rVV	92017	114453	2.46%	0.292%
27	15.568	1159	1162	1167	rVB	632803	786567	16.92%	2.010%

Sum of corrected areas: 39135138

LSC Report - Integrated Chromatogram

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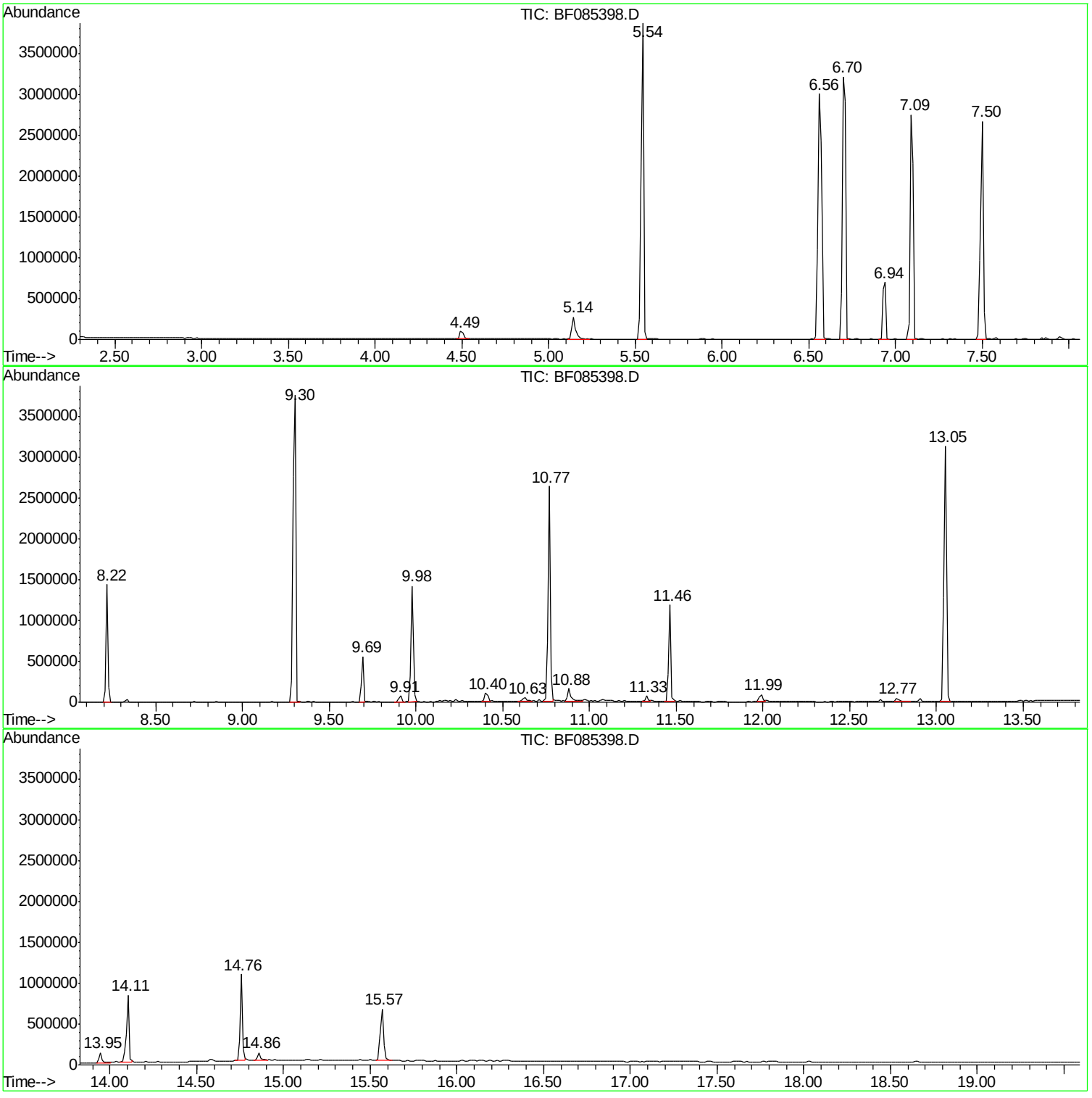
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-25(0.5-4.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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\BF031116\
Data File : BF085398.D
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Misc :
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Instrument :
BNA_F
ClientSampleId :
W170TH-SB-25(0.5-4.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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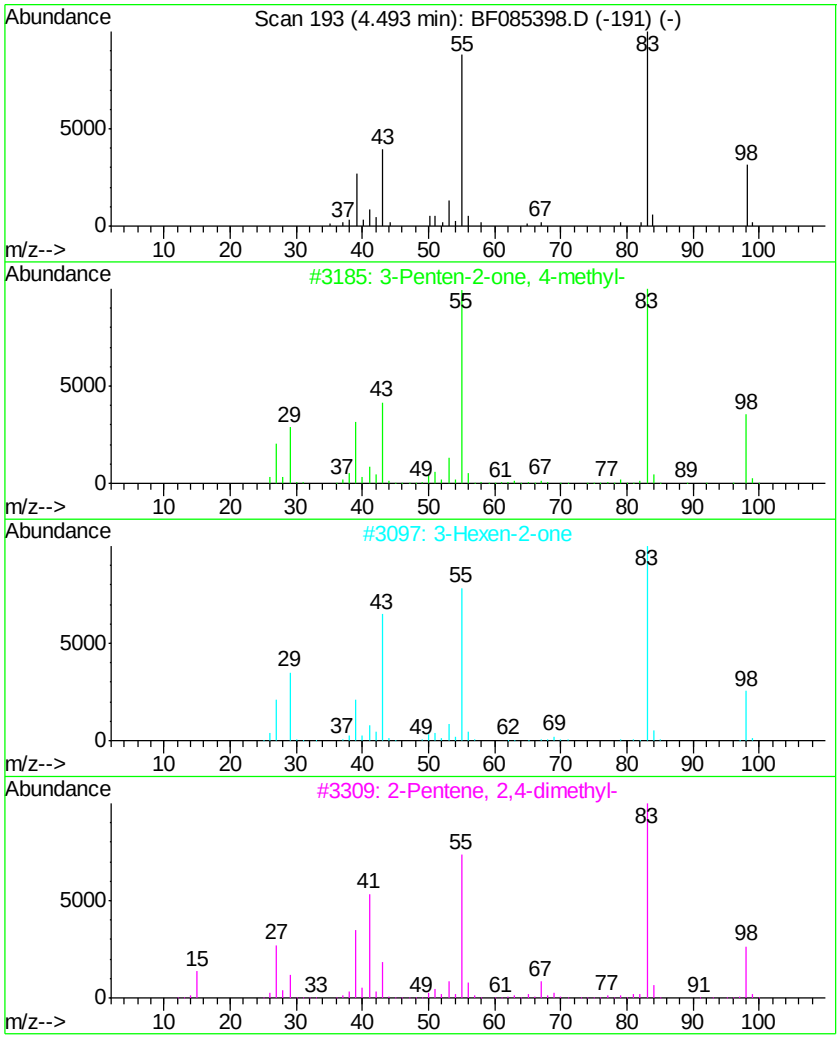
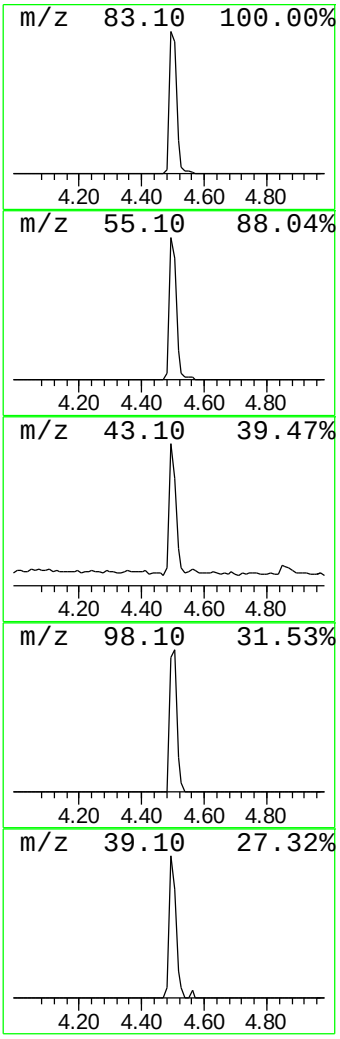
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.49	2.89 ng	130662	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	87
4	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86
5	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86





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Data File : BF085398.D
Acq On : 12 Mar 2016 4:48
Operator : UM/SJ
Sample : H1754-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-25(0.5-4.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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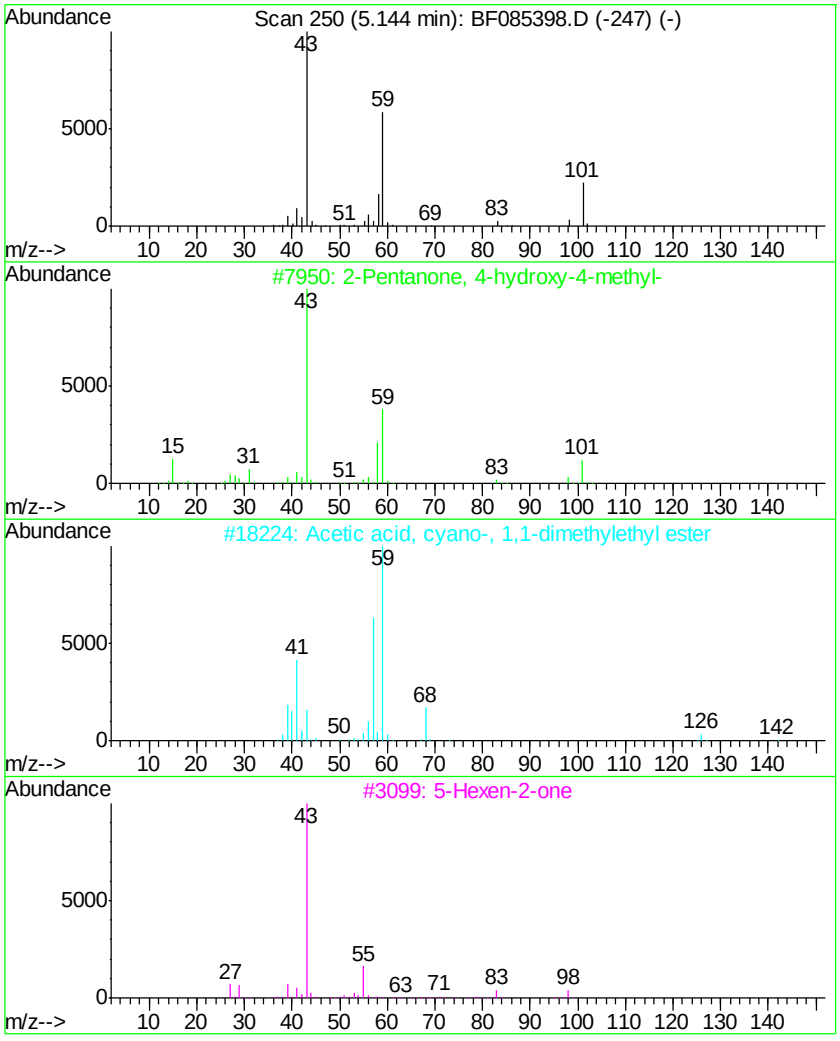
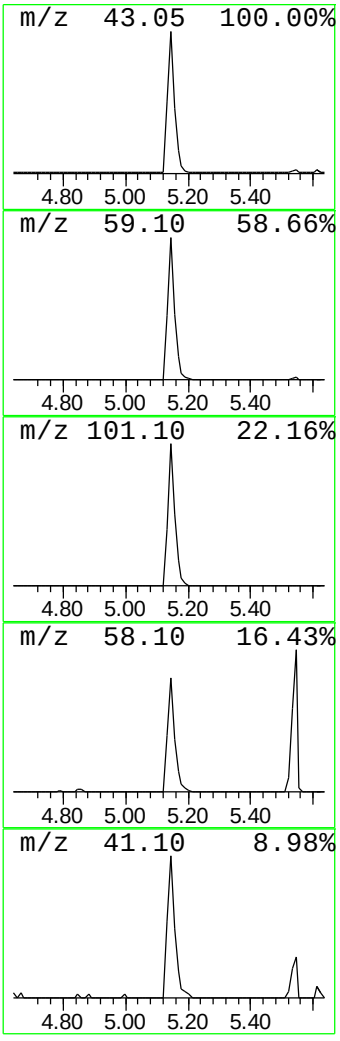
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	8.90 ng	402999	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Data File : BF085398.D
Acq On : 12 Mar 2016 4:48
Operator : UM/SJ
Sample : H1754-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-25(0.5-4.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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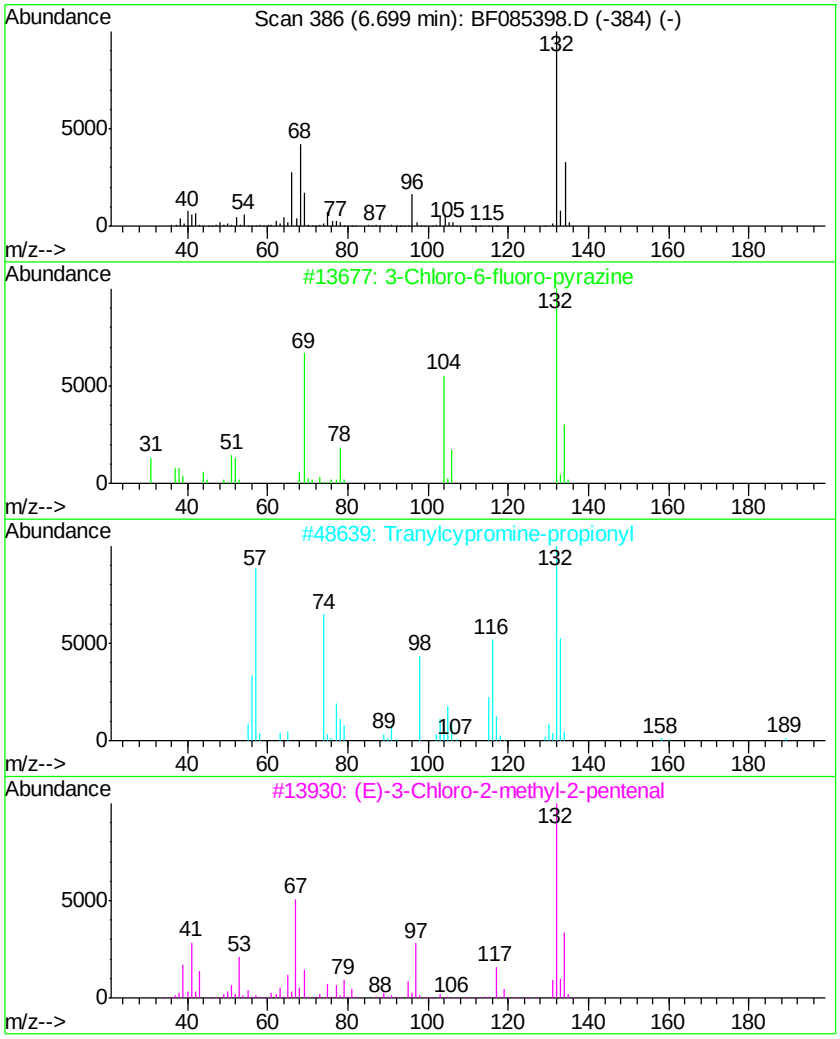
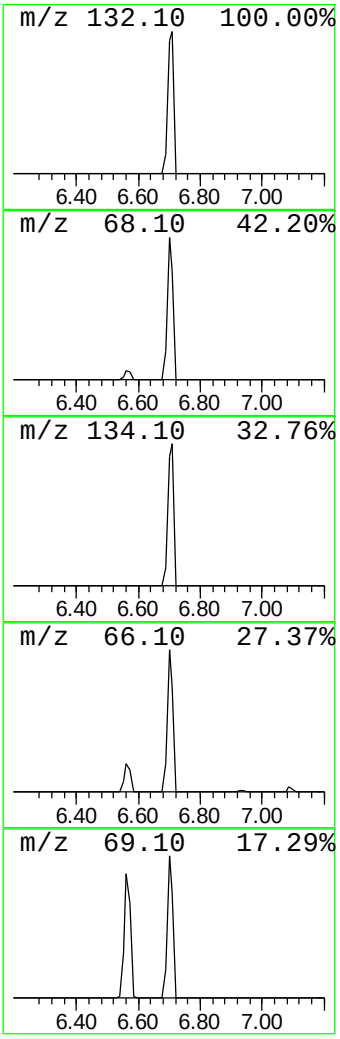
Peak Number 3 unknown6.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	101.61 ng	4600370	1,4-Dichlorobenzene-d4	6.94

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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Operator : UM/SJ
Sample : H1754-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-25(0.5-4.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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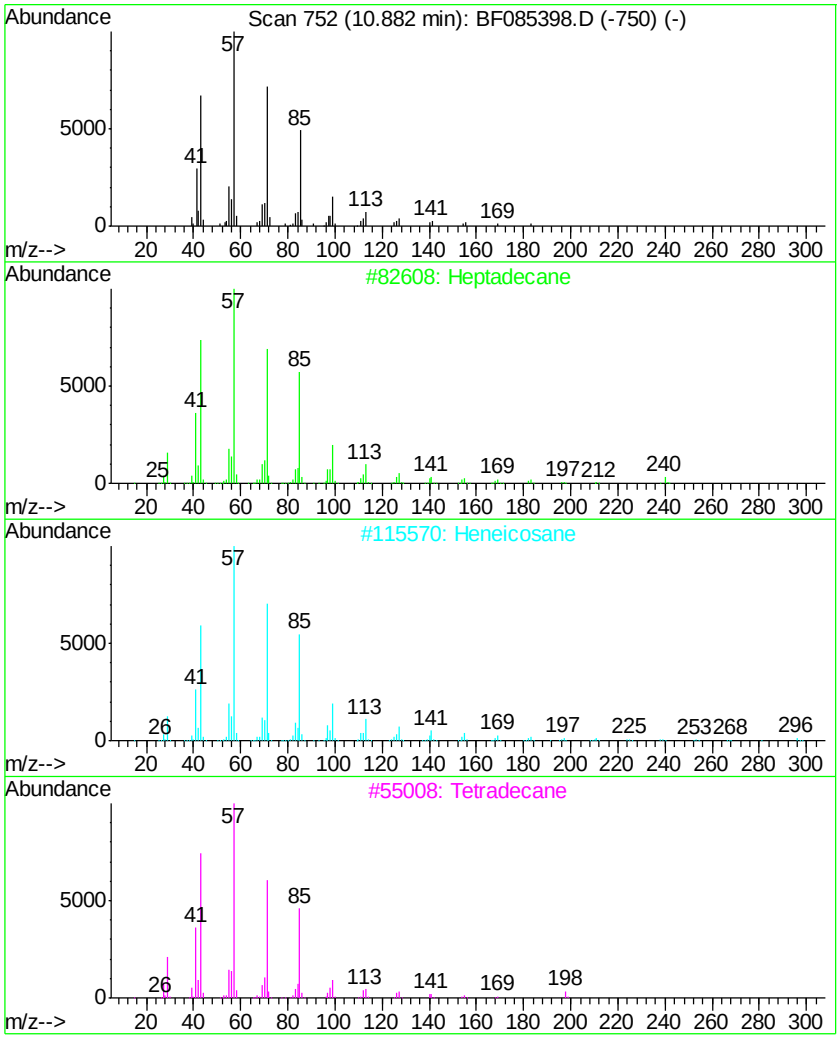
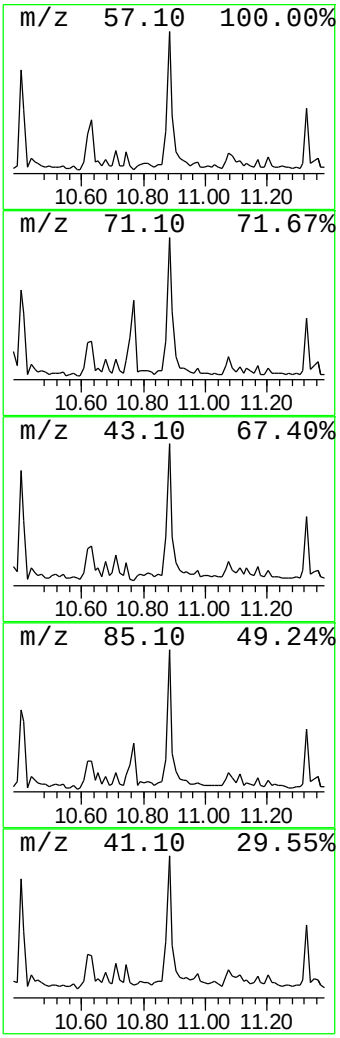
Peak Number 5 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	3.50 ng	188448	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetradecane	198	C14H30	000629-59-4	87
4	Pentadecane	212	C15H32	000629-62-9	87
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86





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Data File : BF085398.D
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Operator : UM/SJ
Sample : H1754-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-25(0.5-4.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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TIC Library : C:\DATABASE\NIST02.L
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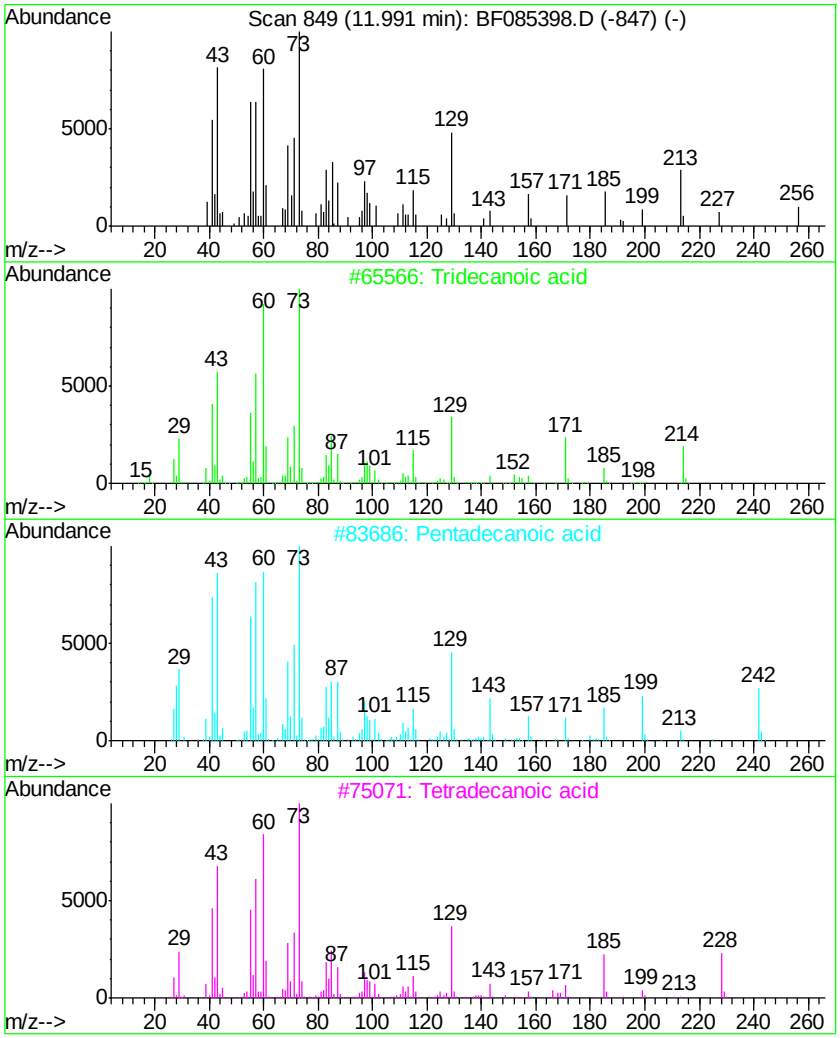
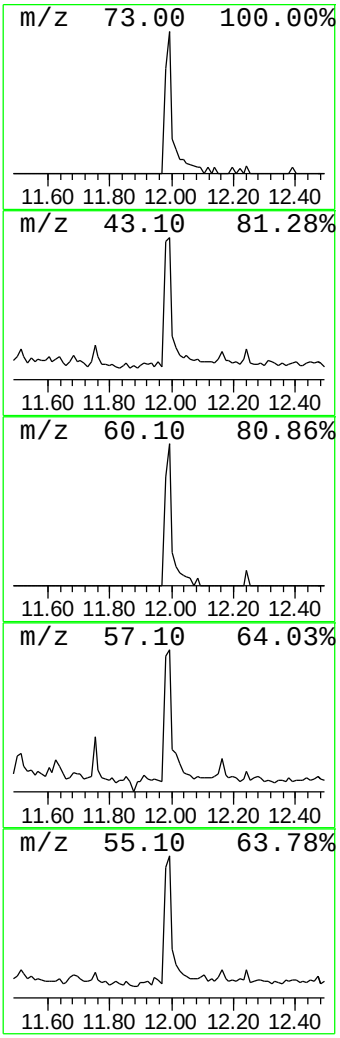
Peak Number 6 Tridecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	2.17 ng	116691	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	81
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	18
5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	11





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ClientSampleId : W170TH-SB-25(0.5-4.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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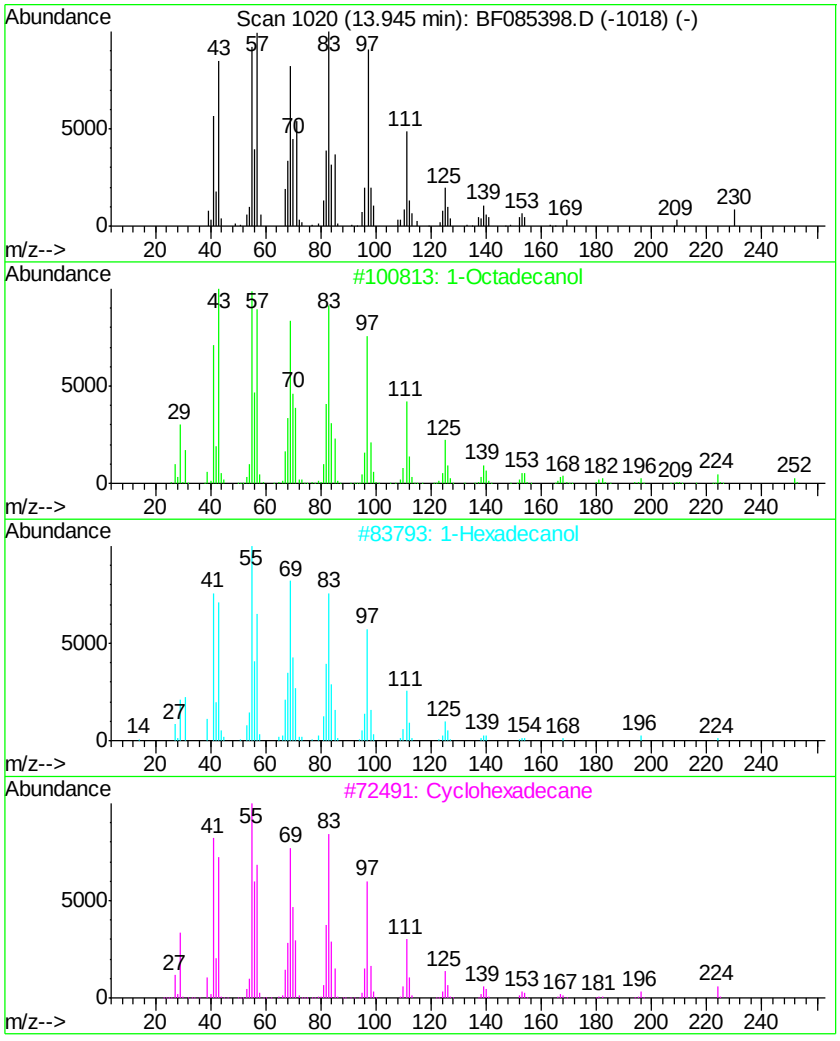
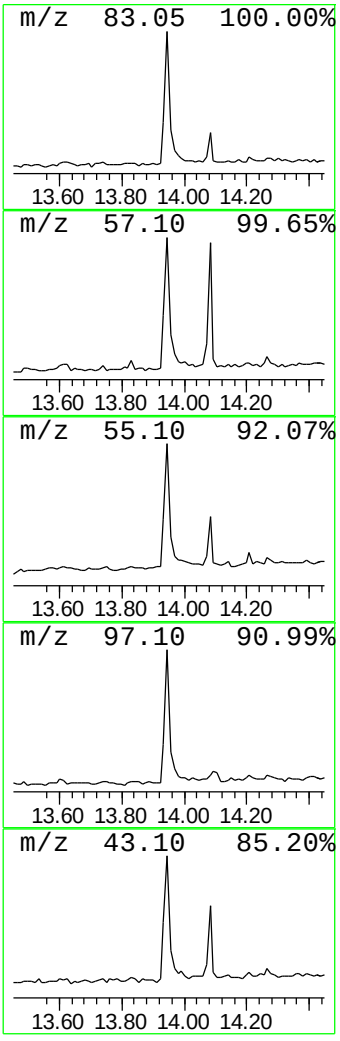
Peak Number 7 1-Octadecanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.37 ng	157580	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	91
2	1-Hexadecanol	242	C16H34O	036653-82-4	91
3	Cyclohexadecane	224	C16H32	000295-65-8	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5	1-Nonadecene	266	C19H38	018435-45-5	90





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Operator : UM/SJ
Sample : H1754-04
Misc :
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Instrument : BNA_F
ClientSampleId : W170TH-SB-25(0.5-4.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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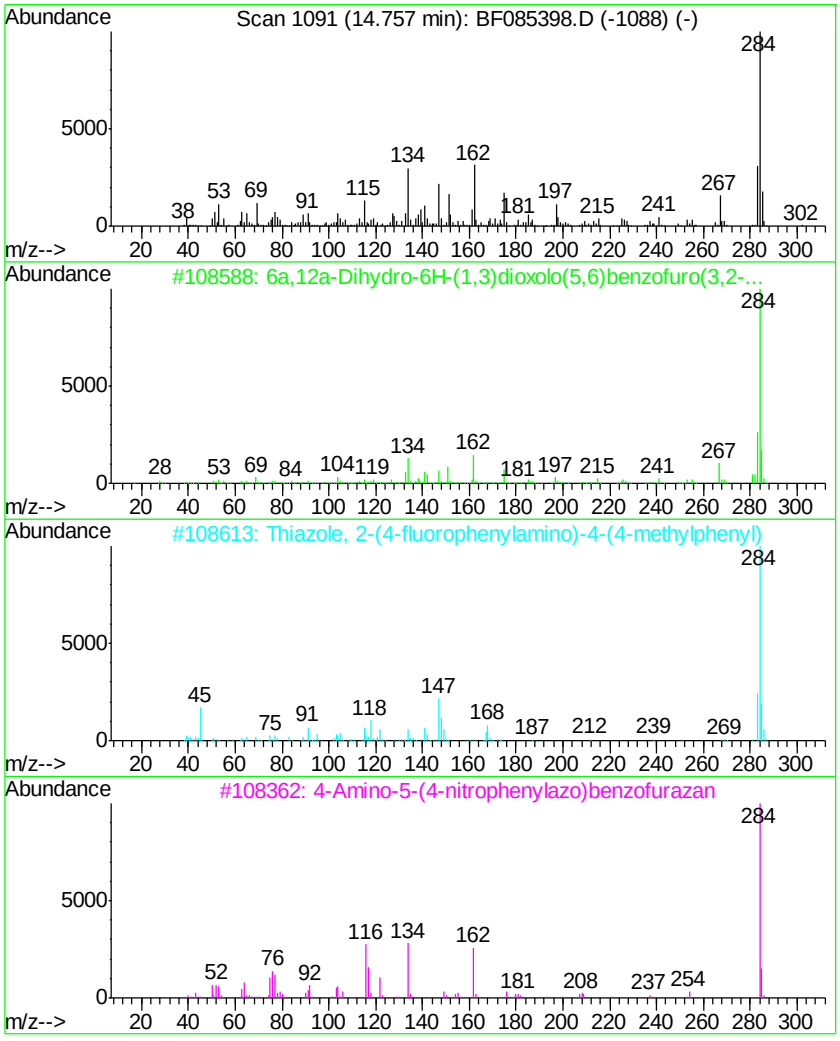
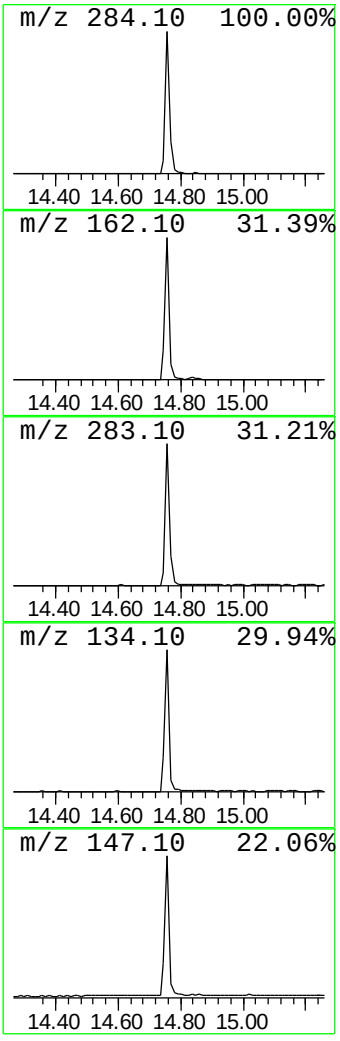
Peak Number 8 6a,12a-Dihydro-6H-(1,3)diox... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	21.40 ng	1001260	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6a,12a-Dihydro-6H-(1,3)dioxolo(5...	284	C16H12O5	022091-18-5	93
2	Thiazole, 2-(4-fluorophenylamino...	284	C16H13FN2S	340801-58-3	50
3	4-Amino-5-(4-nitrophenylazo)benz...	284	C12H8N6O3	166766-07-0	49
4	Benzofuran-3-one, 2-[3-hydroxy-4...	284	C16H12O5	1000128-62-8	46
5	Acacetin	284	C16H12O5	000480-44-4	46





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ClientSampleId : W170TH-SB-25(0.5-4.5)

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TIC Integration Parameters: LSCINT.P

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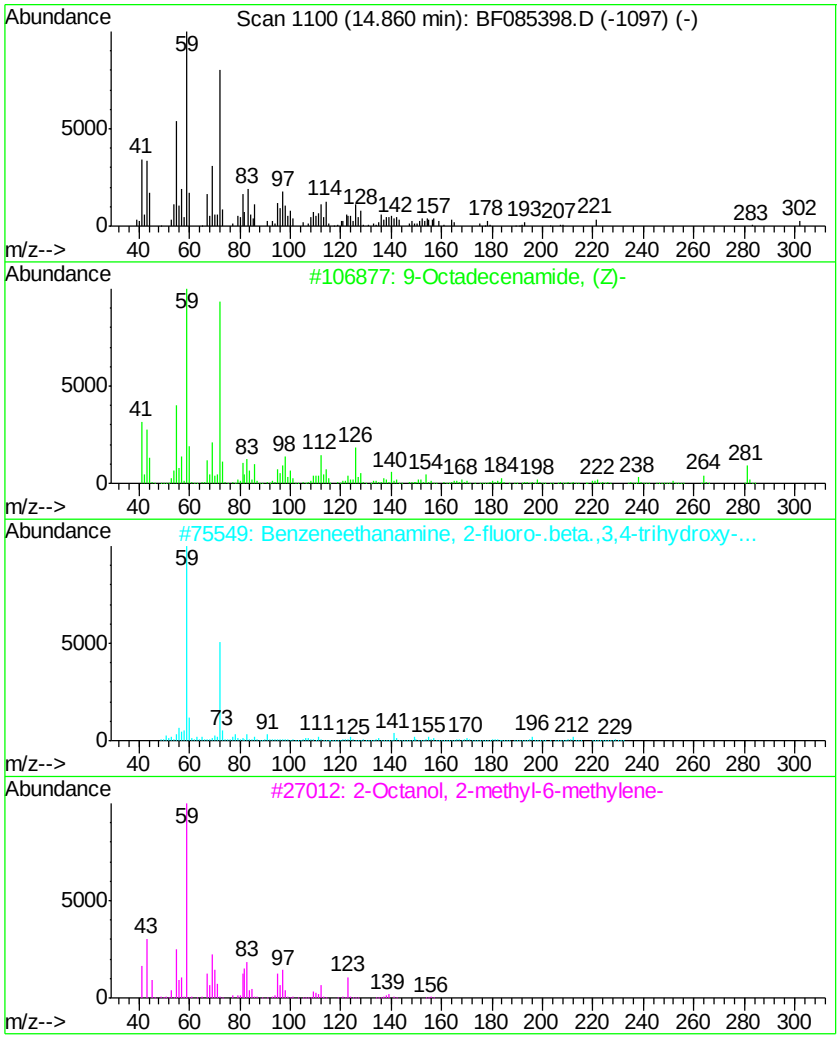
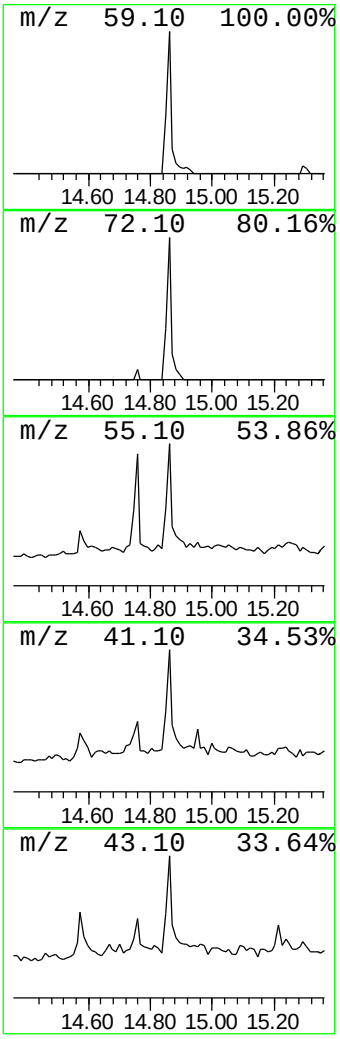
Peak Number 9 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	2.91 ng	114453	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	50
2	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	38
3	2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	38
4	Dodecanamide	199	C12H25NO	001120-16-7	35
5	Cyclohexanecarboxamide	127	C7H13NO	001122-56-1	35





Tentatively Identified Compound (LSC) summary

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Operator : UM/SJ
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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
3-Penten-2-one, 4...	4.49	2.9	ng	130662	1	6.94	905513	20.0
2-Pentanone, 4-hy...	5.14	8.9	ng	402999	1	6.94	905513	20.0
unknown6.70	6.70	101.6	ng	4600370	1	6.94	905513	20.0
Heptadecane	10.88	3.5	ng	188448	4	11.47	1075480	20.0
Tridecanoic acid	11.99	2.2	ng	116691	4	11.47	1075480	20.0
1-Octadecanol	13.95	3.4	ng	157580	5	14.11	935864	20.0
6a,12a-Dihydro-6H...	14.76	21.4	ng	1001260	5	14.11	935864	20.0
9-Octadecenamide,...	14.86	2.9	ng	114453	6	15.57	786567	20.0