LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085576.D
Acq On : 19 Mar 2016 16:46
Operator : UM/SJ
Sample : H1788-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(8-9)

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-BF031816.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	5.053	240	242	251	rVB	57794	88618	2.88%	0.331%
2	5.453	274	277	280	rBV	2399177	2451503	79.79%	9.167%
3	6.482	364	367	370	rBV	2109384	2525055	82.18%	9.442%
4	6.619	376	379	382	rBV	2730215	2610084	84.95%	9.760%
5	6.847	397	399	402	rBV	730731	754381	24.55%	2.821%
6	7.007	410	413	416	rBV	2434446	2166011	70.50%	8.099%
7	7.419	446	449	451	rBV	1822493	1972367	64.19%	7.375%
8	8.139	509	512	514	rBV	1051066	1033854	33.65%	3.866%
9	9.213	603	606	608	rBV	3359745	3072548	100.00%	11.489%
10	9.602	638	640	642	rBV	375691	397235	12.93%	1.485%
11	9.819	657	659	663	rBV	63653	77453	2.52%	0.290%
12	9.888	663	665	668	rVB	1235433	1112323	36.20%	4.159%
13	10.322	701	703	705	rVB	139918	112737	3.67%	0.422%
14	10.539	719	722	726	rBV	38422	72117	2.35%	0.270%
15	10.676	731	734	737	rBV	1851327	1841877	59.95%	6.887%
16	10.791	743	744	749	rVB	106270	147322	4.79%	0.551%
17	11.248	781	784	785	rBV	36566	52967	1.72%	0.198%
18	11.374	792	795	797	rBV	1295600	1144324	37.24%	4.279%
19	11.442	797	801	804	rVB	17948	37695	1.23%	0.141%
20	11.899	839	841	848	rBV	131703	183412	5.97%	0.686%
21	12.688	906	910	912	rBV2	28291	57974	1.89%	0.217%
22	12.962	931	934	936	rBV	2434942	3052510	99.35%	11.414%
23	13.305	962	964	968	rVB	31788	43286	1.41%	0.162%
24	13.854	1010	1012	1021	rBV	98658	242734	7.90%	0.908%
25	14.002	1023	1025	1028	rVV	951774	840429	27.35%	3.143%
26	15.431	1147	1150	1156	rBV	548908	652693	21.24%	2.441%

Sum of corrected areas: 26743509

LSC Report - Integrated Chromatogram

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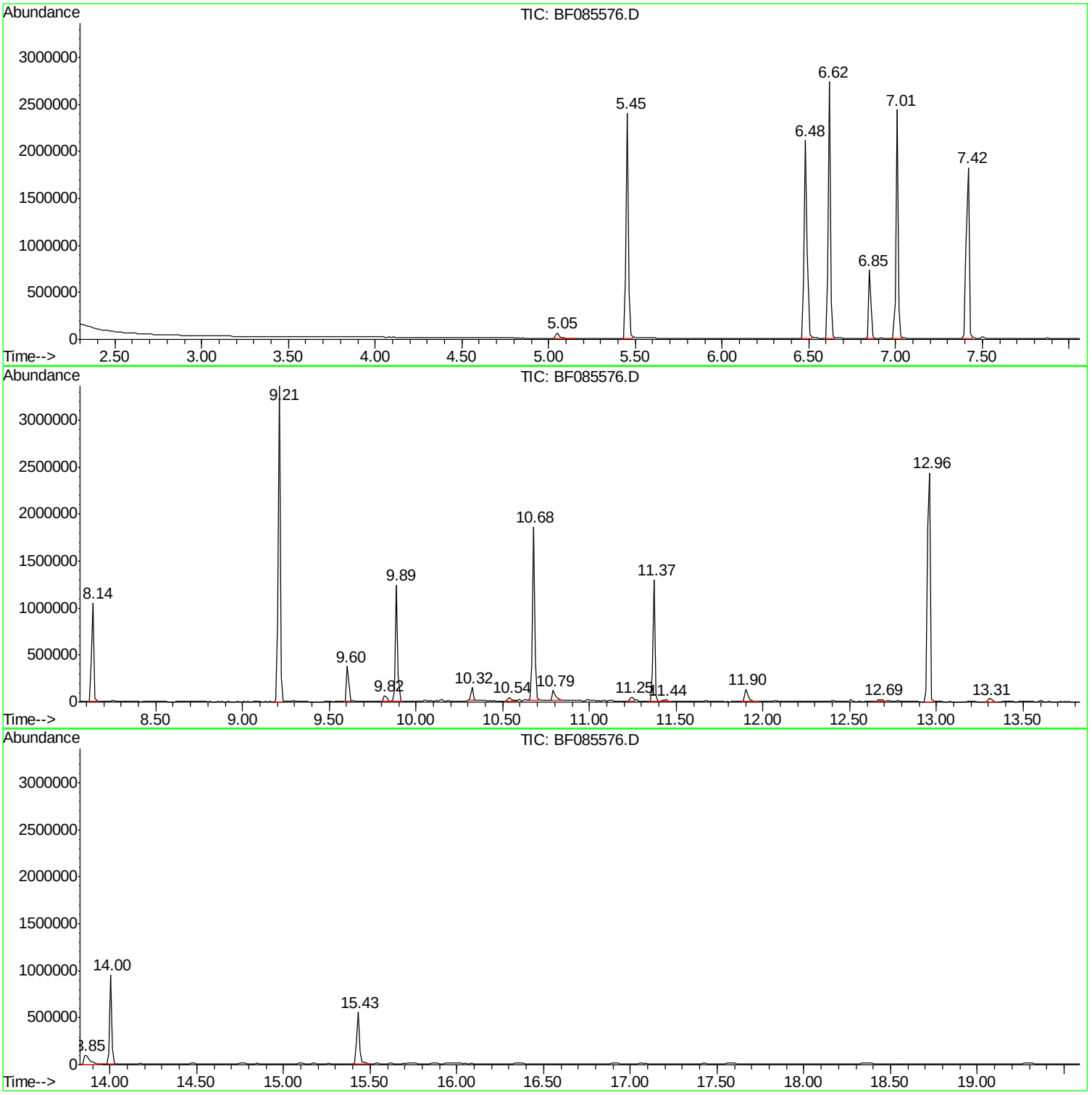
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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Data File : BF085576.D
Acq On : 19 Mar 2016 16:46
Operator : UM/SJ
Sample : H1788-01
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Instrument : BNA_F
ClientSampleId : SB-1(8-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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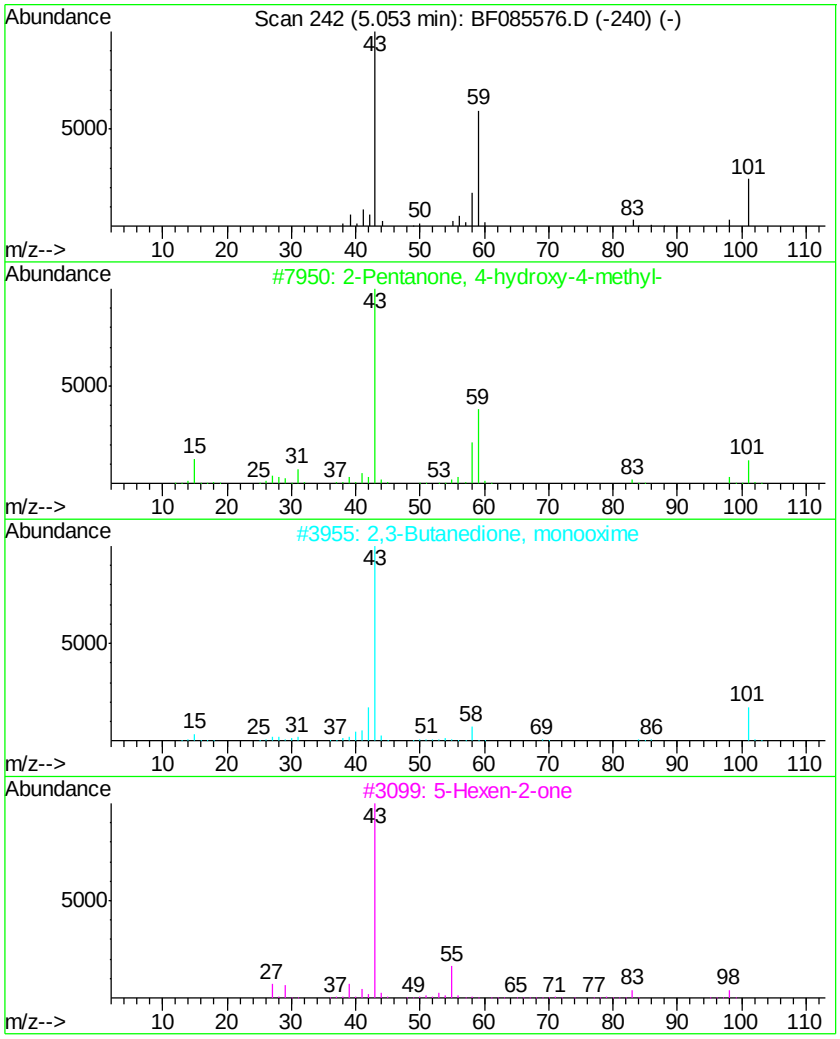
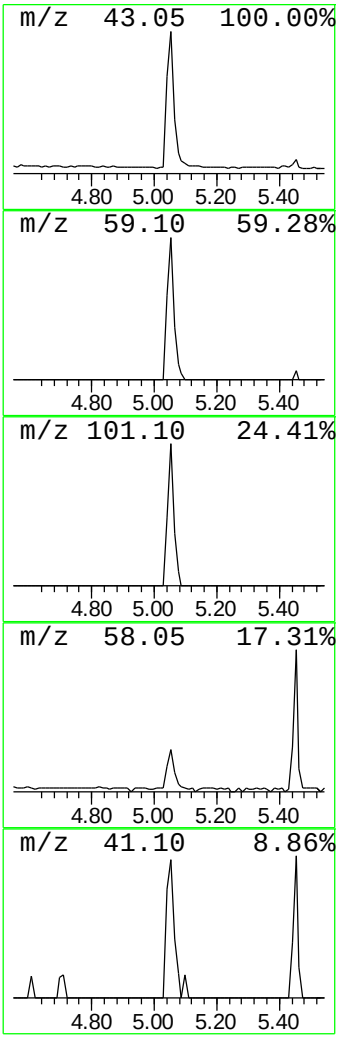
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	2.35 ng	88618	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Acetone	58	C3H6O	000067-64-1	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





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Operator : UM/SJ
Sample : H1788-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(8-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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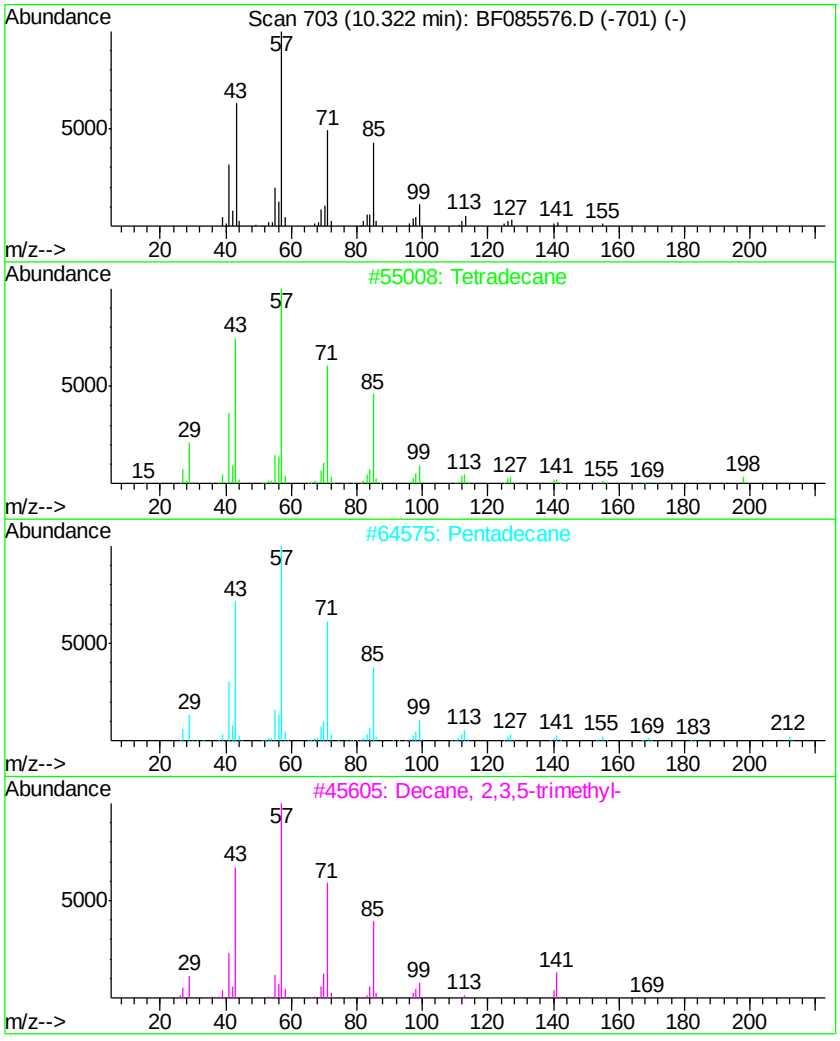
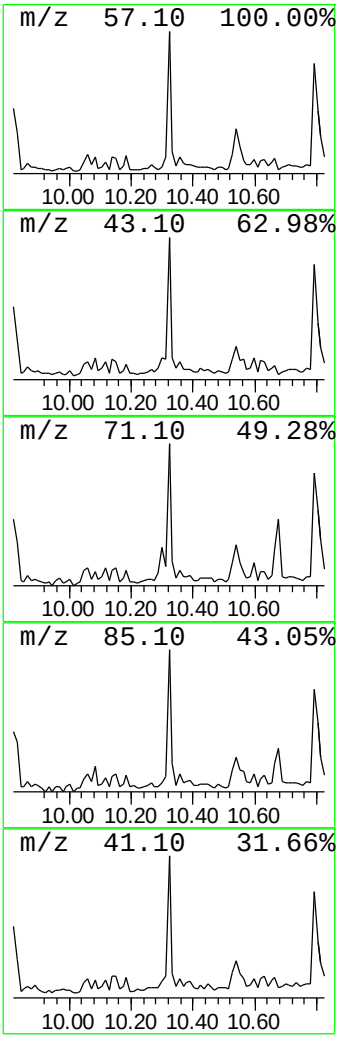
Peak Number 4 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	2.03 ng	112737	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexadecane	226	C16H34	000544-76-3	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085576.D
Acq On : 19 Mar 2016 16:46
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Sample : H1788-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(8-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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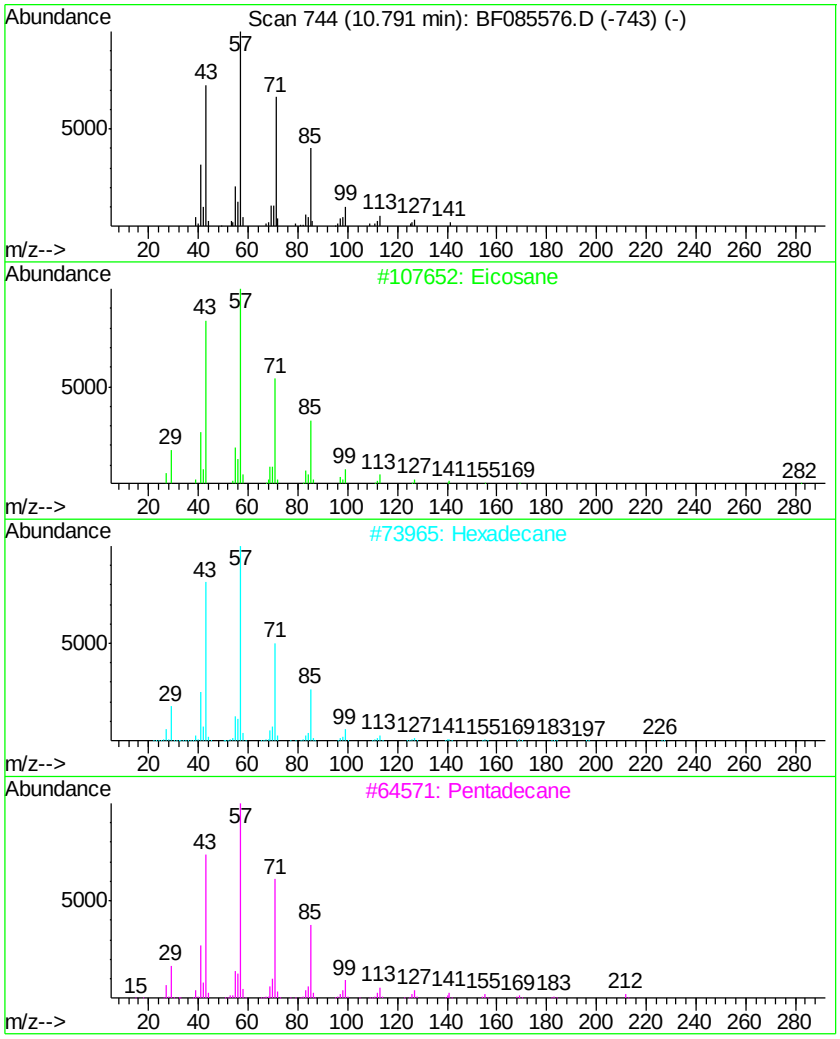
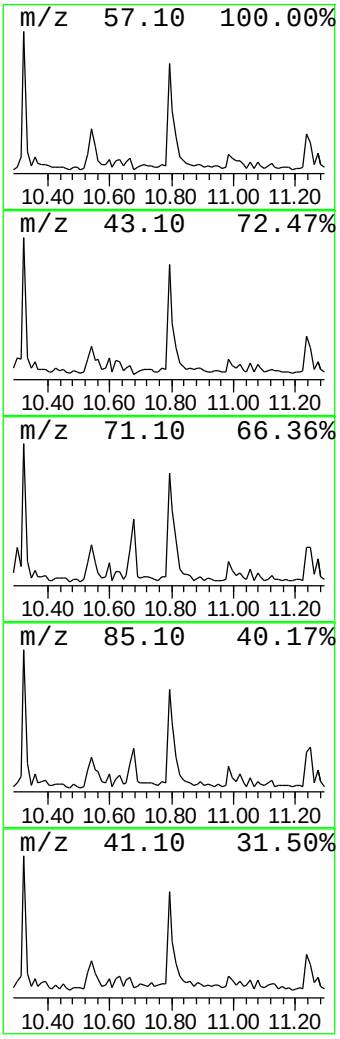
Peak Number 5 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	2.57 ng	147322	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Tridecane	184	C13H28	000629-50-5	90





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Sample : H1788-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(8-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
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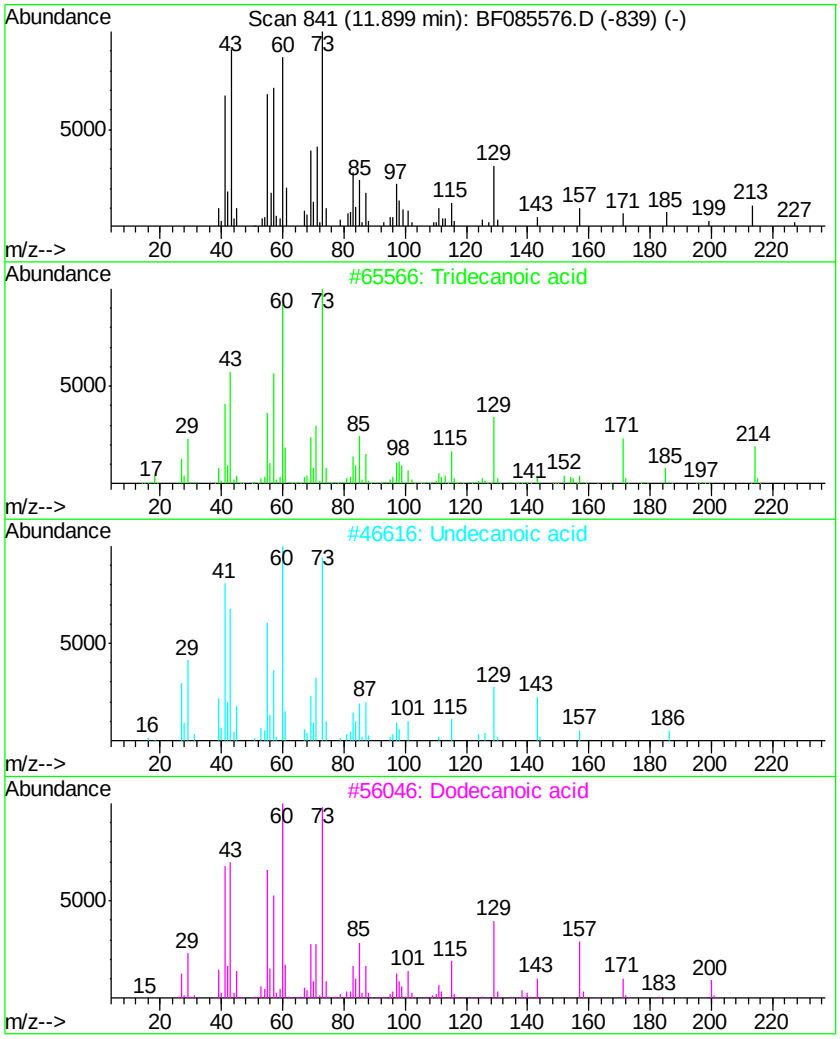
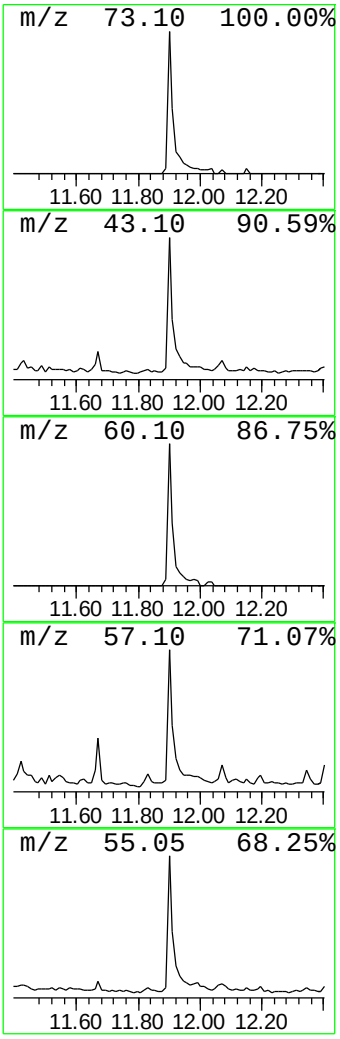
Peak Number 6 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	3.21 ng	183412	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	80
2	Undecanoic acid	186	C11H22O2	000112-37-8	72
3	Dodecanoic acid	200	C12H24O2	000143-07-7	50
4	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	18
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	11





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-1(8-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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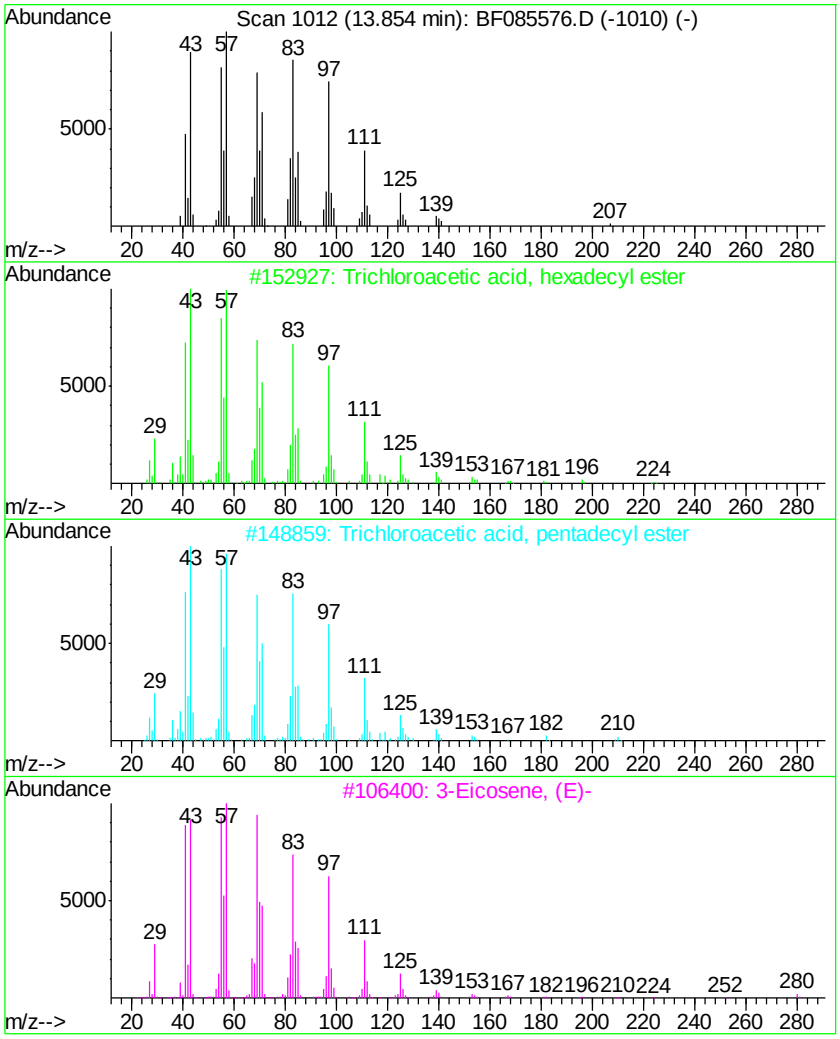
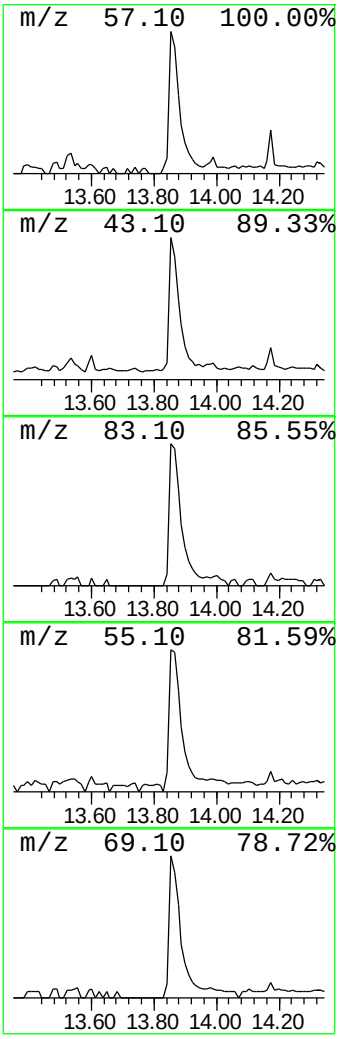
Peak Number 7 Trichloroacetic acid, hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	5.78 ng	242734	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	86
4	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	74
5	17-Pentatriacontene	491	C35H70	006971-40-0	72





Tentatively Identified Compound (LSC) summary

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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
2-Pentanone, 4-hy...	5.05	2.4	ng	88618	1	6.85	754381	20.0
Tetradecane	10.32	2.0	ng	112737	3	9.89	1112320	20.0
Eicosane	10.79	2.6	ng	147322	4	11.37	1144320	20.0
Tridecanoic acid	11.90	3.2	ng	183412	4	11.37	1144320	20.0
Trichloroacetic a...	13.85	5.8	ng	242734	5	14.00	840429	20.0