LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
Data File : BF086546.D
Acq On : 1 May 2016 2:51
Operator : UM/SJ
Sample : H2720-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS5

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-BF042716.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	4.933	247	249	256	rBV	166466	270549	5.82%	0.721%
2	5.356	283	286	289	rBV	3587954	3819321	82.16%	10.174%
3	5.767	319	322	332	rVB	27748	60797	1.31%	0.162%
4	6.407	375	378	380	rBV	4005441	4648812	100.00%	12.383%
5	6.533	386	389	391	rBV	4245338	4199350	90.33%	11.186%
6	6.762	407	409	420	rBV	792361	896918	19.29%	2.389%
7	6.922	420	423	425	rBV	3183604	2989745	64.31%	7.964%
8	7.333	456	459	461	rBV	2624914	2864353	61.61%	7.630%
9	8.053	519	522	524	rBV	1004857	1097454	23.61%	2.923%
10	9.128	613	616	619	rBV	3664363	3637722	78.25%	9.690%
11	9.528	648	651	653	rBV	395079	472460	10.16%	1.259%
12	9.745	668	670	672	rBV	88102	79172	1.70%	0.211%
13	9.802	672	675	677	rBV	1440709	1344648	28.92%	3.582%
14	10.248	710	714	715	rBV	92380	139069	2.99%	0.370%
15	10.465	730	733	736	rBV	45456	84416	1.82%	0.225%
16	10.591	741	744	746	rBV	2762599	3005494	64.65%	8.006%
17	10.716	753	755	761	rVB	145145	191660	4.12%	0.511%
18	11.162	792	794	795	rBV	64370	58147	1.25%	0.155%
19	11.276	802	804	807	rBV	1039156	1253597	26.97%	3.339%
20	12.865	940	943	946	rBV	3289703	4038565	86.87%	10.758%
21	13.779	1020	1023	1032	rBV2	162096	362814	7.80%	0.966%
22	13.905	1032	1034	1042	rBV	927639	1148662	24.71%	3.060%
23	14.420	1075	1079	1083	rBV3	20515	67778	1.46%	0.181%
24	15.300	1153	1156	1159	rBV	573791	808978	17.40%	2.155%

Sum of corrected areas: 37540481

LSC Report - Integrated Chromatogram

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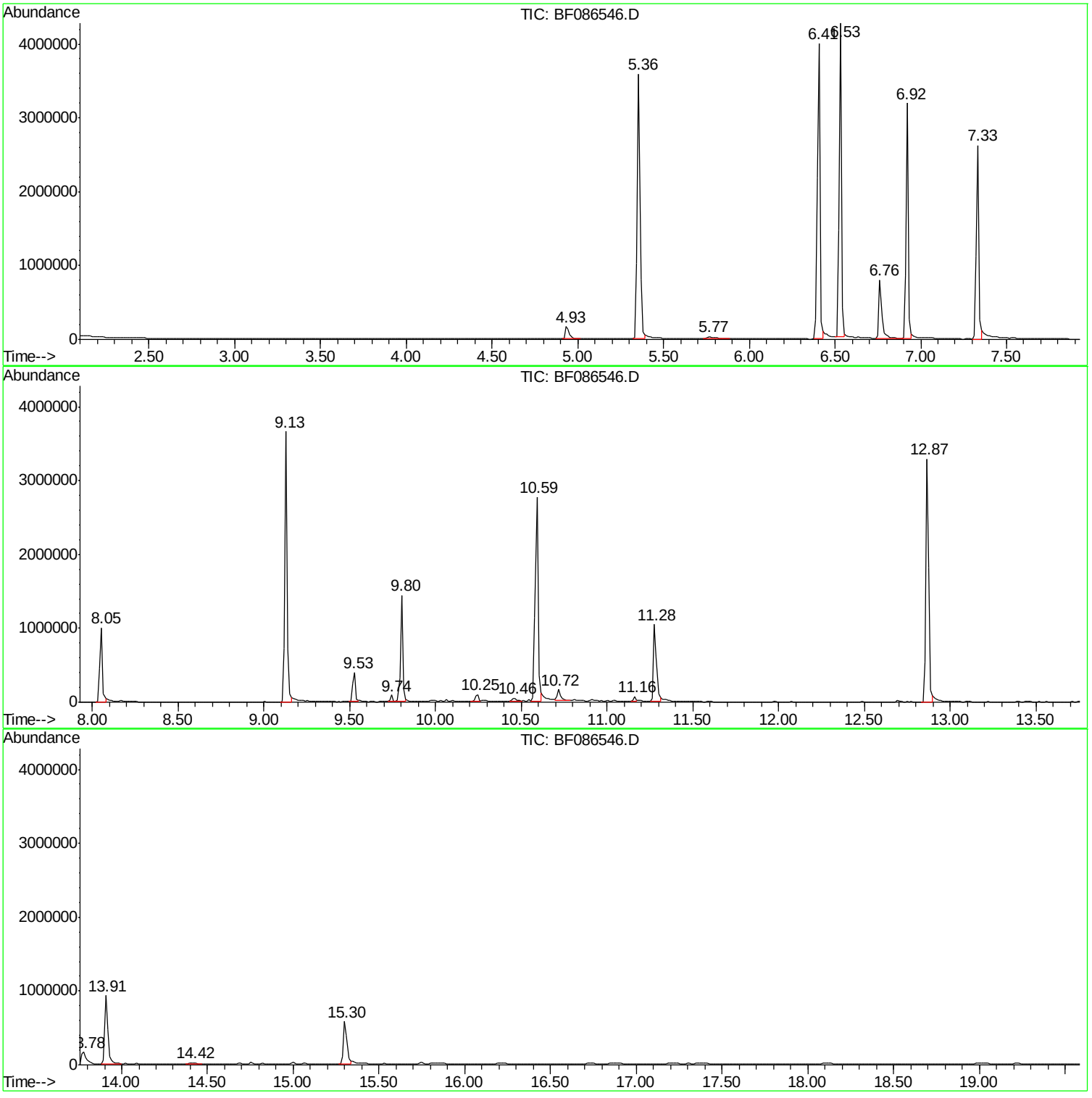
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
Data File : BF086546.D
Acq On : 1 May 2016 2:51
Operator : UM/SJ
Sample : H2720-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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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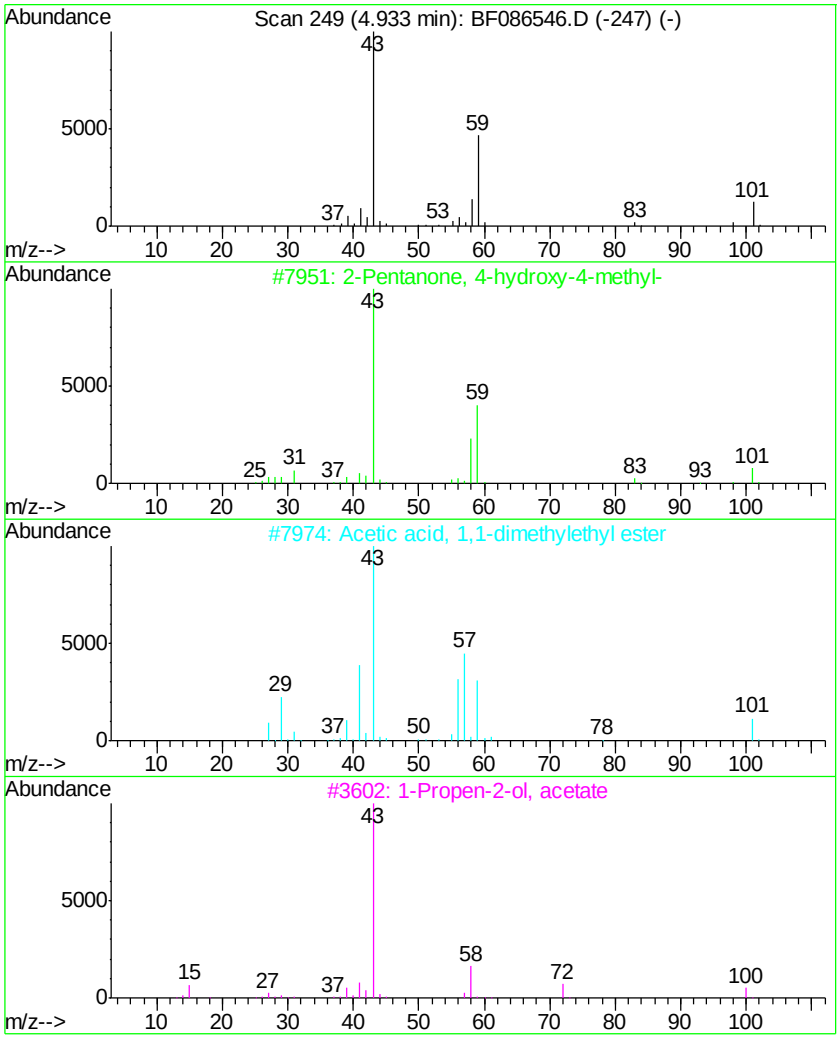
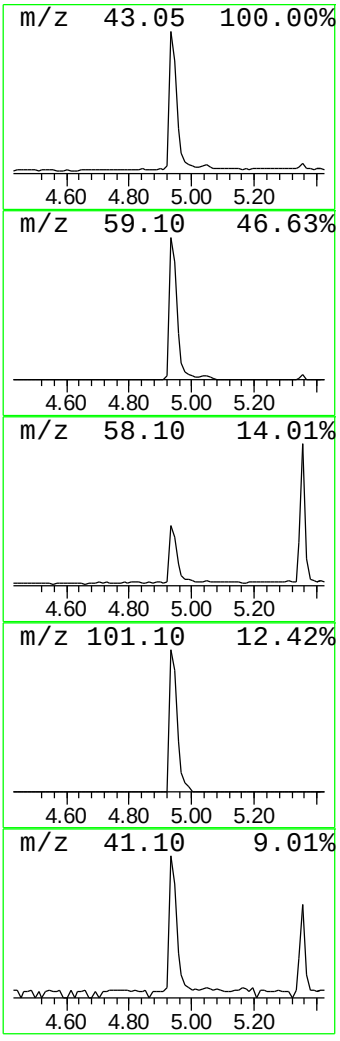
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	6.03 ng	270549	1,4-Dichlorobenzene-d4	6.76

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	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Diacetamide	101	C4H7NO2	000625-77-4	9





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Misc :
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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST02.L
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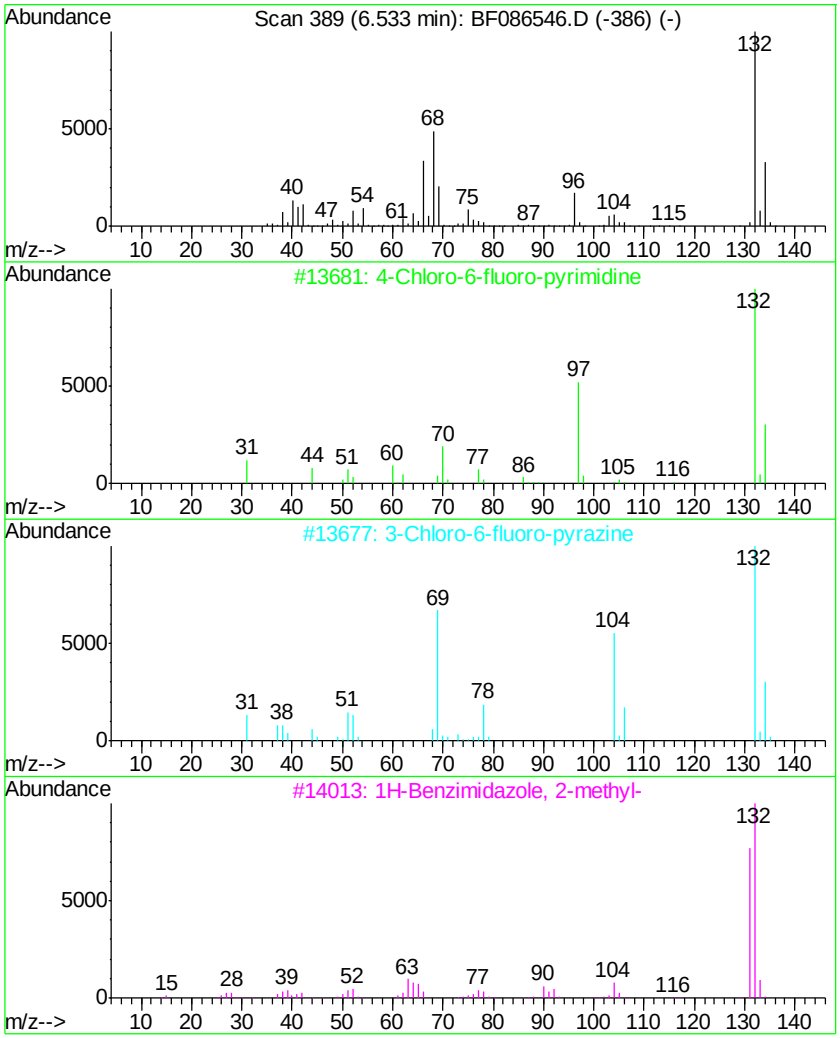
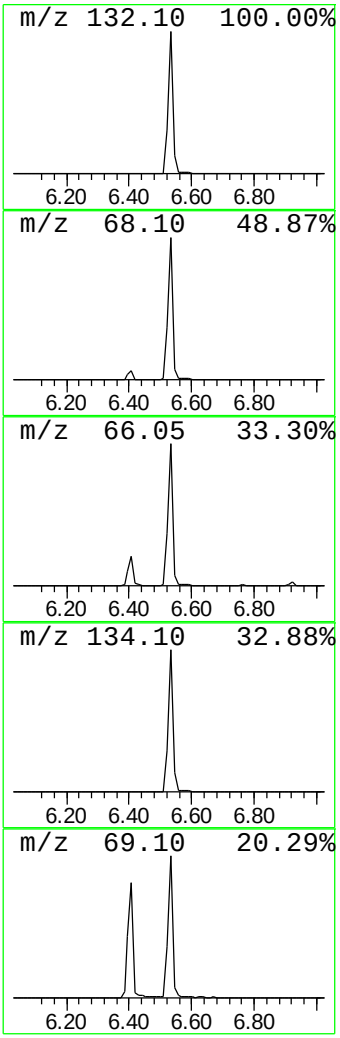
Peak Number 2 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	93.64 ng	4199350	1,4-Dichlorobenzene-d4	6.76

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	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16





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Misc :
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Instrument : BNA_F
ClientSampleId : SS5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
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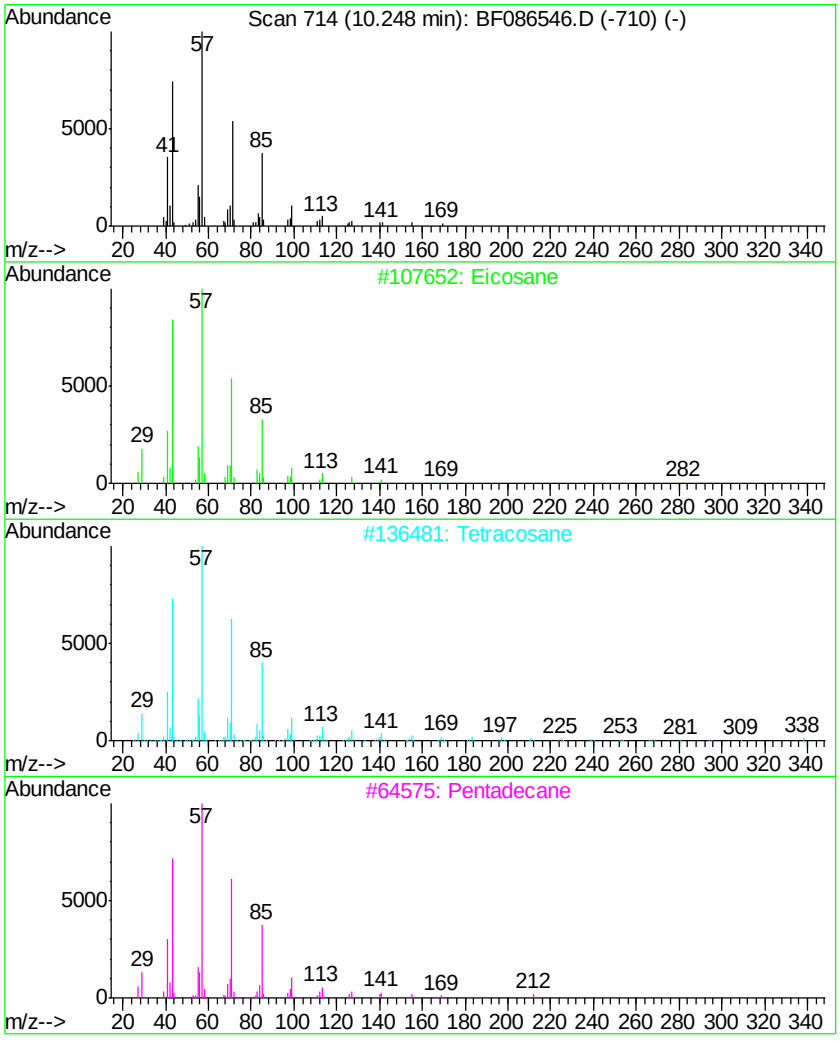
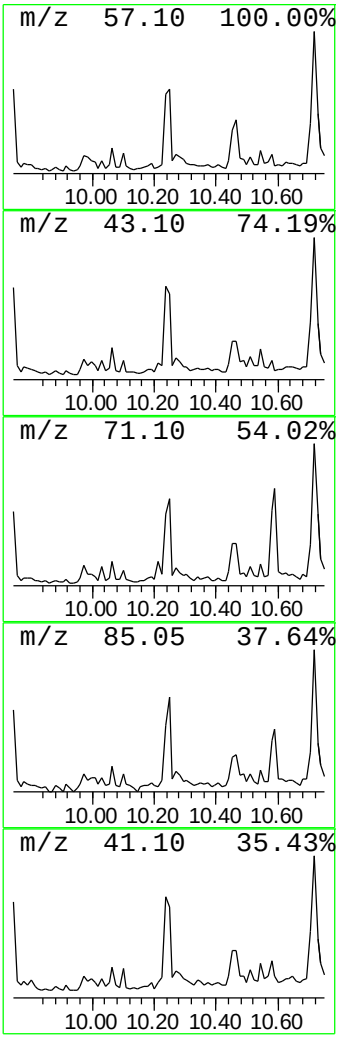
Peak Number 4 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	2.07 ng	139069	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Operator : UM/SJ
Sample : H2720-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
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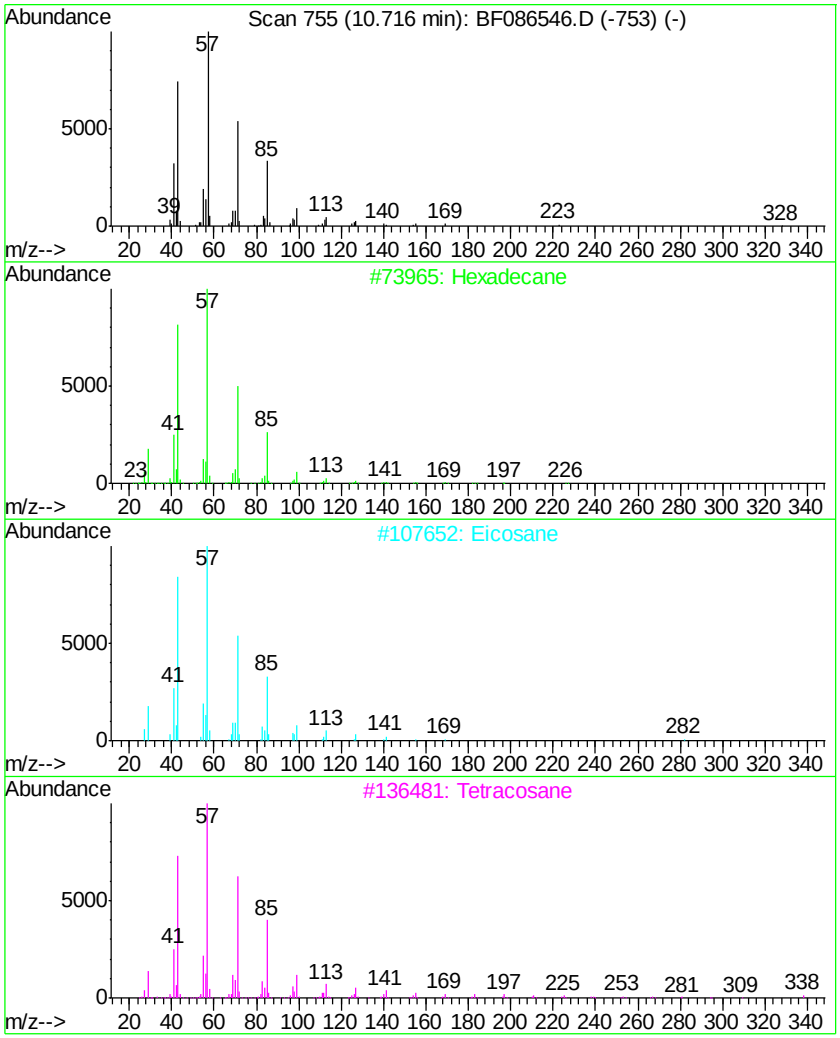
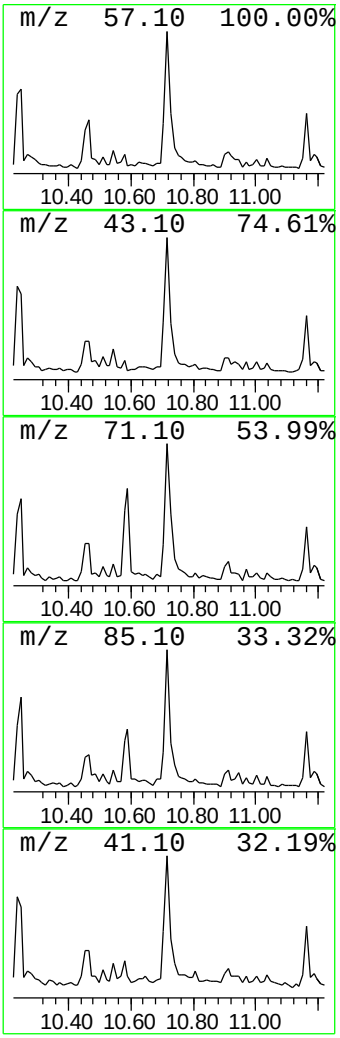
Peak Number 5 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	3.06 ng	191660	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Pentadecane	212	C15H32	000629-62-9	86
5	Heptadecane	240	C17H36	000629-78-7	80





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Sample : H2720-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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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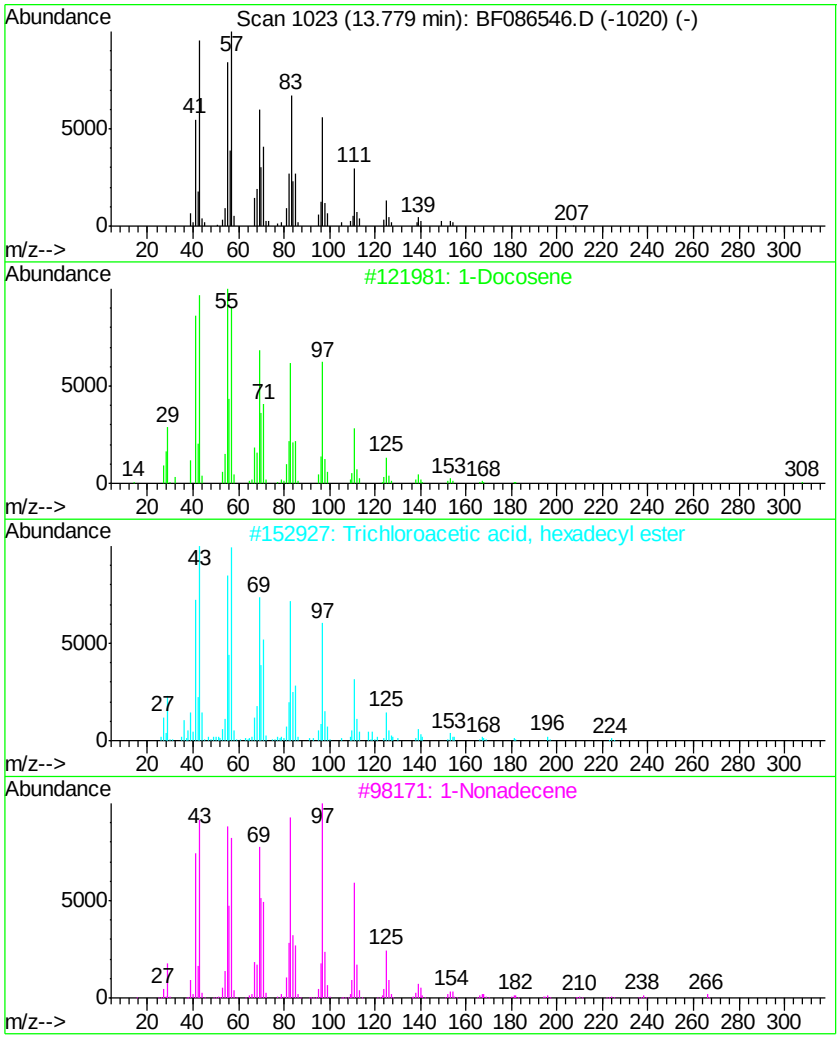
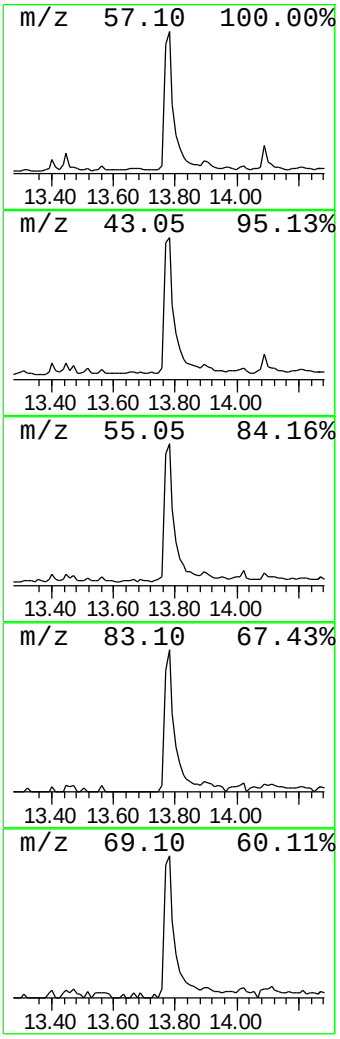
Peak Number 6 1-Docosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	6.32 ng	362814	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	90





Tentatively Identified Compound (LSC) summary

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Data File : BF086546.D
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Operator : UM/SJ
Sample : H2720-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
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...	4.93	6.0	ng	270549	1	6.76	896918	20.0
unknown6.53	6.53	93.6	ng	4199350	1	6.76	896918	20.0
Eicosane	10.25	2.1	ng	139069	3	9.80	1344650	20.0
Hexadecane	10.72	3.1	ng	191660	4	11.28	1253600	20.0
1-Docosene	13.78	6.3	ng	362814	5	13.91	1148660	20.0