LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086839.D
Acq On : 10 May 2016 00:00
Operator : UM/SJ
Sample : H2895-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP6-5-7FT

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-BF050916.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	4.864	241	243	250	rBV	172972	364909	8.37%	0.925%
2	5.287	278	280	283	rBV	3015202	3595694	82.44%	9.110%
3	5.699	314	316	325	rVB	27140	51771	1.19%	0.131%
4	6.350	370	373	375	rBV	3935814	4361756	100.00%	11.051%
5	6.464	381	383	385	rBV	3878745	4113327	94.30%	10.421%
6	6.693	400	403	405	rBV	717789	1024916	23.50%	2.597%
7	6.842	414	416	419	rBV	3028712	2832683	64.94%	7.177%
8	7.265	450	453	455	rBV	2004931	2707086	62.06%	6.859%
9	7.973	513	515	518	rBV	1460831	1394652	31.97%	3.533%
10	9.059	607	610	612	rBV	3060933	4189338	96.05%	10.614%
11	9.459	642	645	647	rBV	330850	449505	10.31%	1.139%
12	9.665	661	663	665	rBV	146092	123052	2.82%	0.312%
13	9.722	665	668	671	rBV	1638259	1610054	36.91%	4.079%
14	9.893	680	683	687	rBV2	26721	61822	1.42%	0.157%
15	10.168	703	707	708	rBV	151589	195988	4.49%	0.497%
16	10.385	722	726	729	rBV	61717	112162	2.57%	0.284%
17	10.511	734	737	740	rBV	2672705	2839508	65.10%	7.194%
18	10.636	746	748	755	rVB	208498	277601	6.36%	0.703%
19	10.831	763	765	769	rVB	24672	54096	1.24%	0.137%
20	11.082	785	787	788	rBV	94894	88058	2.02%	0.223%
21	11.208	795	798	800	rBV	1145739	1613487	36.99%	4.088%
22	11.745	843	845	850	rBV	169218	196044	4.49%	0.497%
23	12.785	933	936	938	rBV	3970296	3782157	86.71%	9.582%
24	13.688	1012	1015	1025	rBV	274894	739536	16.96%	1.874%
25	13.825	1025	1027	1030	rBV	1440573	1388887	31.84%	3.519%
26	14.580	1091	1093	1097	rBV	79074	105162	2.41%	0.266%
27	15.197	1139	1147	1150	rBV	734518	1116770	25.60%	2.829%
28	15.711	1187	1192	1200	rBV5	19339	79935	1.83%	0.203%

Sum of corrected areas: 39469956

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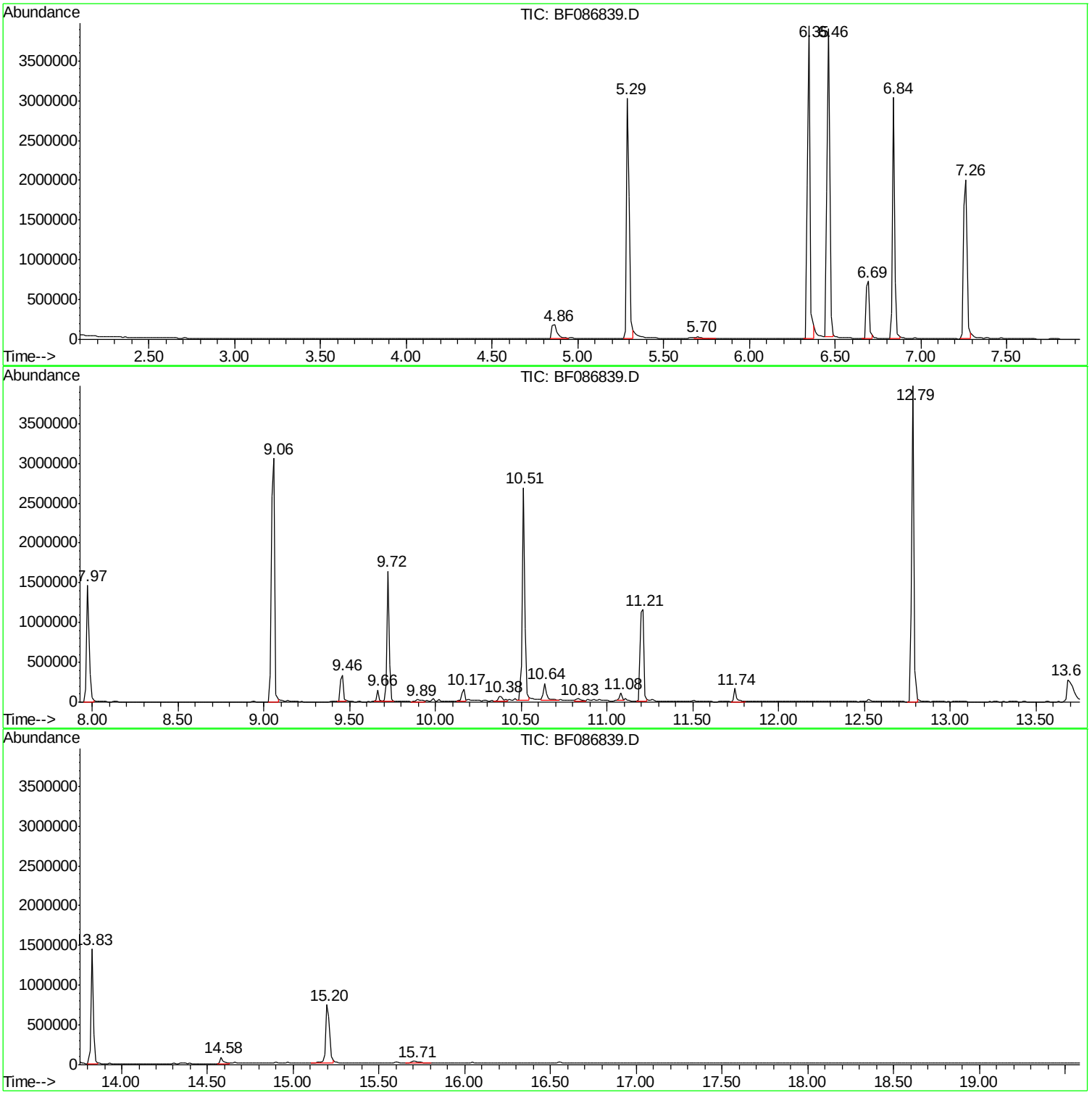
Instrument :
BNA_F
ClientSampleId :
TP6-5-7FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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\BF050916\
Data File : BF086839.D
Acq On : 10 May 2016 00:00
Operator : UM/SJ
Sample : H2895-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP6-5-7FT

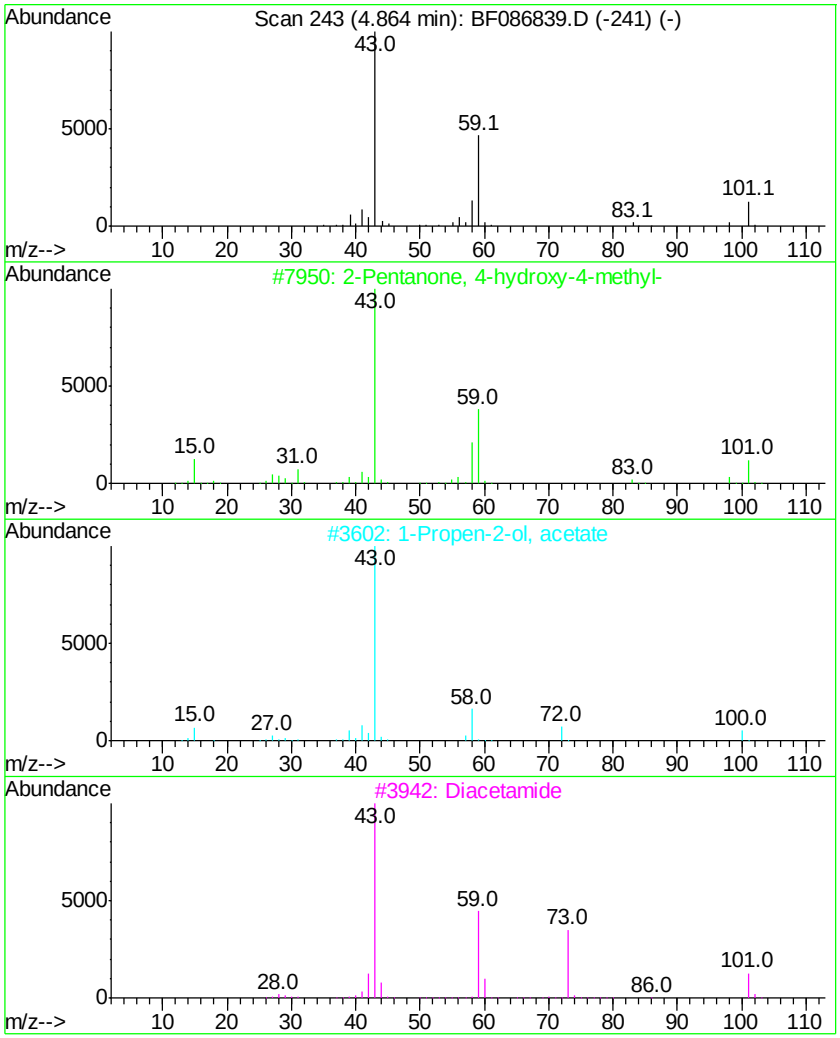
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

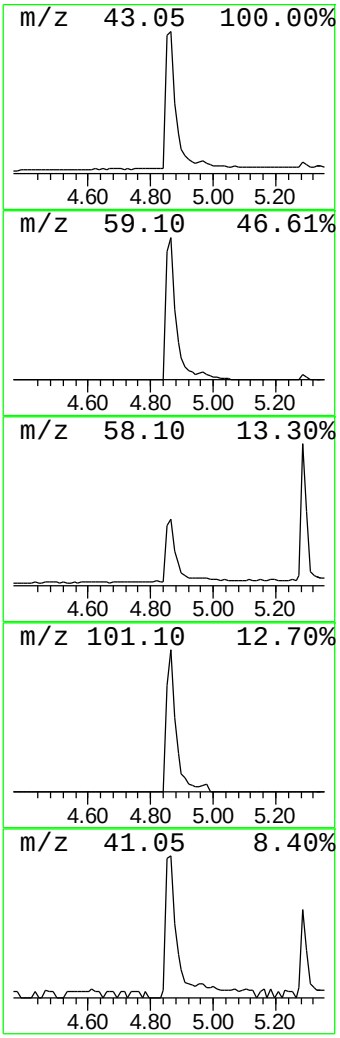
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	7.12 ng	364909	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	Diacetamide	101	C4H7NO2	000625-77-4	9
4	Butane	58	C4H10	000106-97-8	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Data File : BF086839.D
Acq On : 10 May 2016 00:00
Operator : UM/SJ
Sample : H2895-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP6-5-7FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

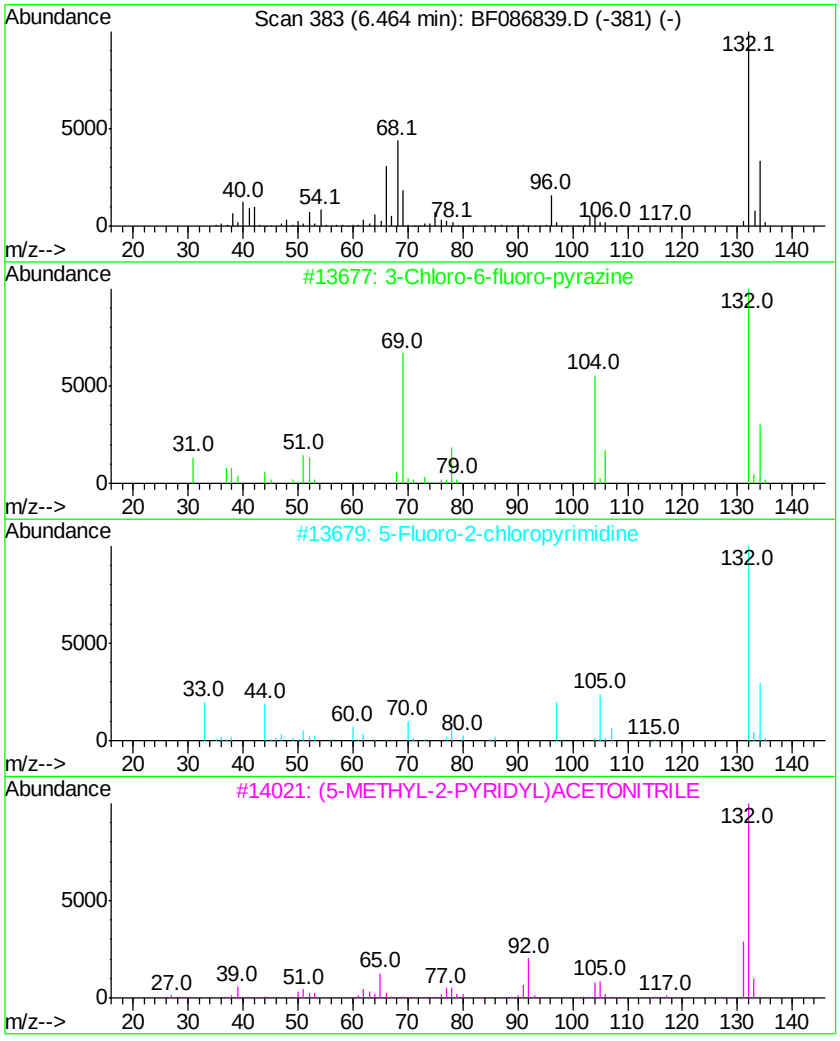
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

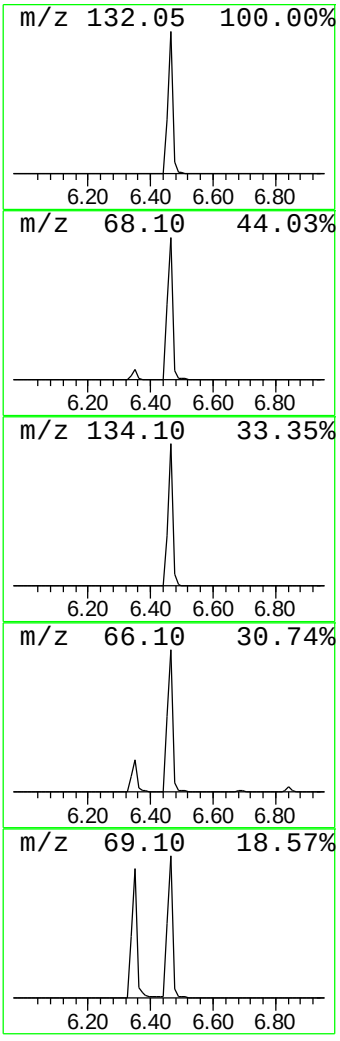
****

Peak Number 2 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	80.27 ng	4113330	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086839.D
Acq On : 10 May 2016 00:00
Operator : UM/SJ
Sample : H2895-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP6-5-7FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

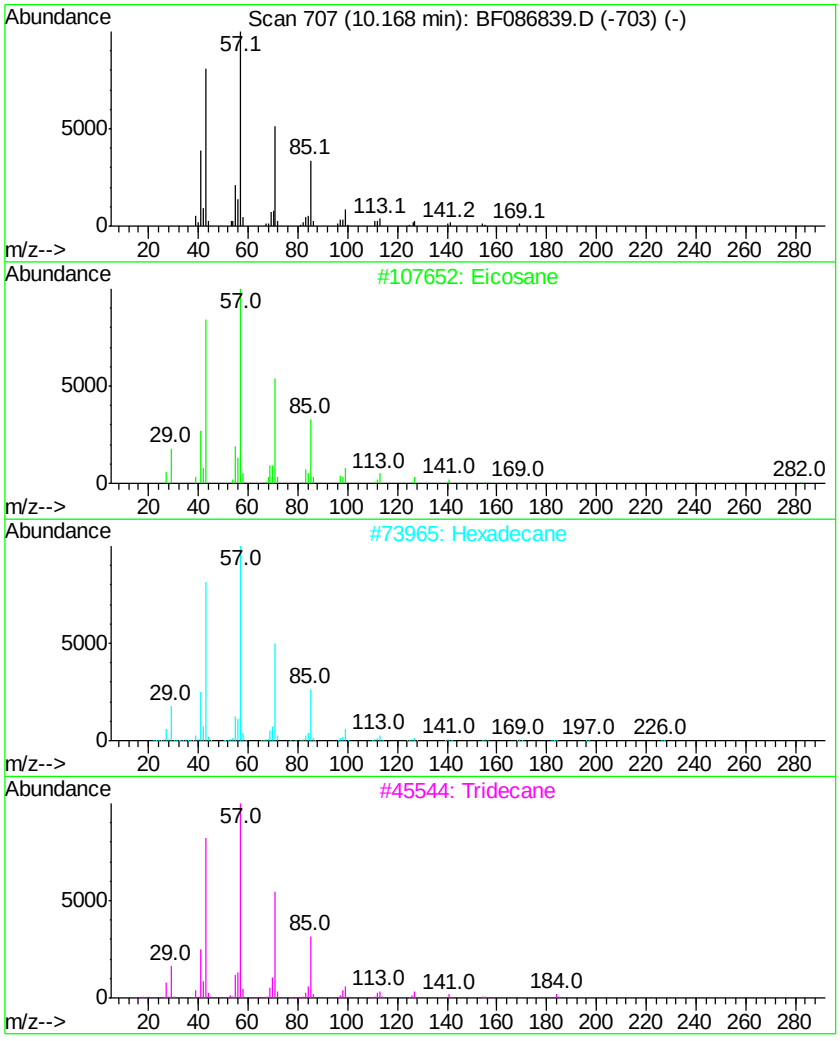
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

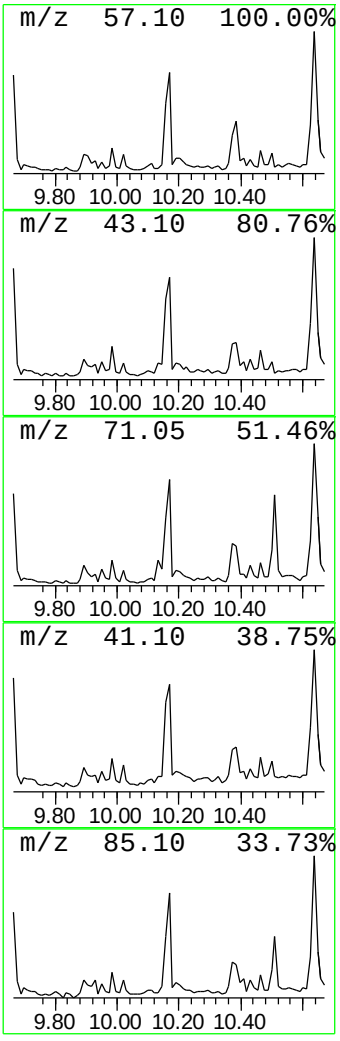
****

Peak Number 4 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	2.43 ng	195988	Acenaphthene-d10	9.72

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	Tridecane	184	C13H28	000629-50-5	86
4	Decane, 3-bromo-	220	C10H21Br	030571-71-2	80
5	Tetradecane	198	C14H30	000629-59-4	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086839.D
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Operator : UM/SJ
Sample : H2895-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP6-5-7FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

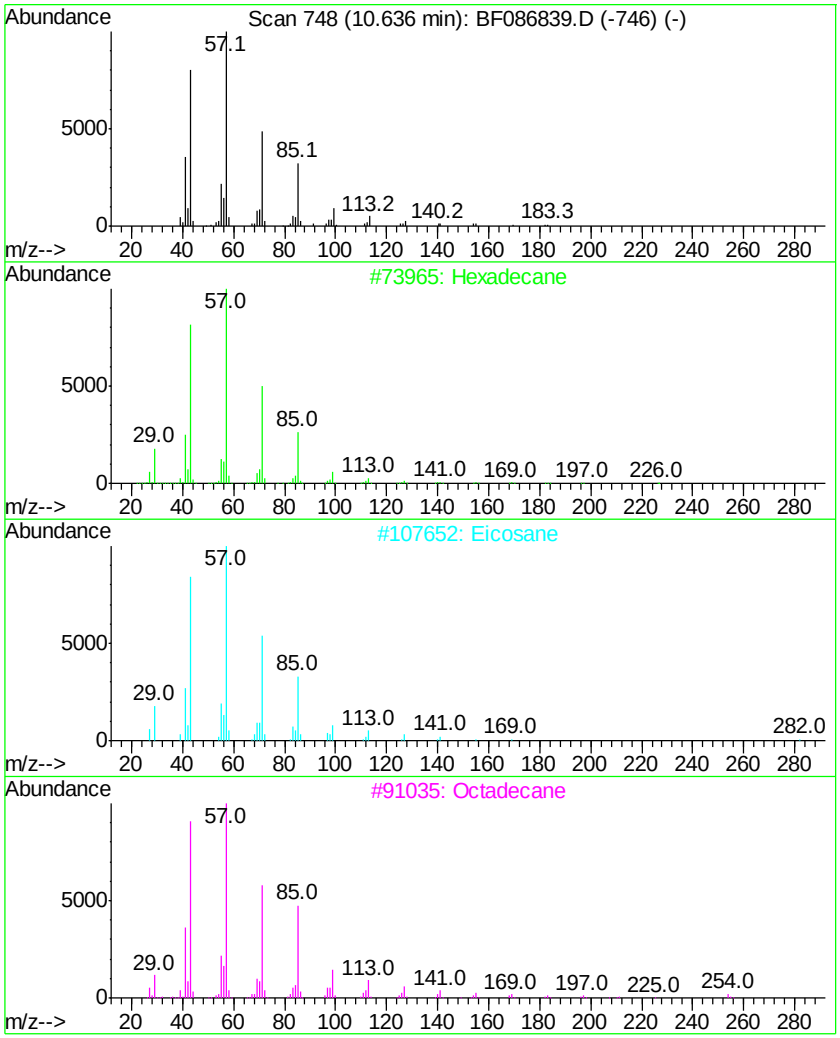
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

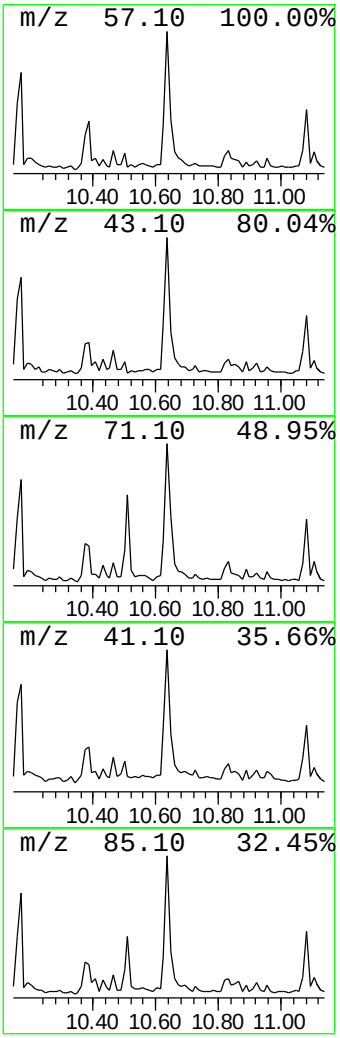
****

Peak Number 5 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	3.44 ng	277601	Phenanthrene-d10	11.21

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	Octadecane	254	C18H38	000593-45-3	86
4	Tridecane	184	C13H28	000629-50-5	78
5	Nonadecane	268	C19H40	000629-92-5	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086839.D
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Operator : UM/SJ
Sample : H2895-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP6-5-7FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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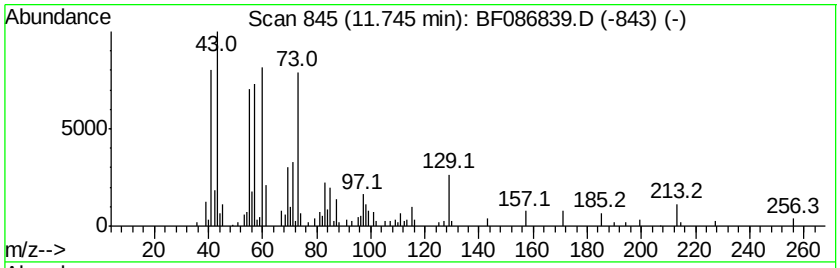
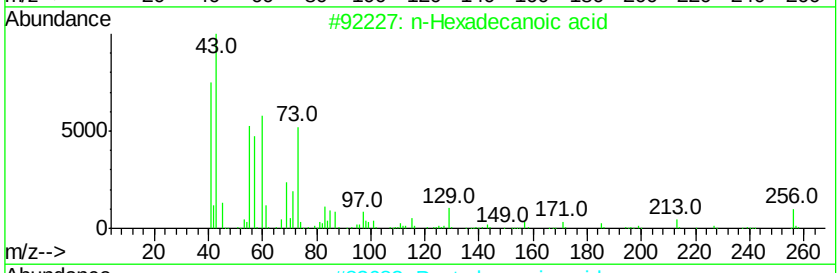
****

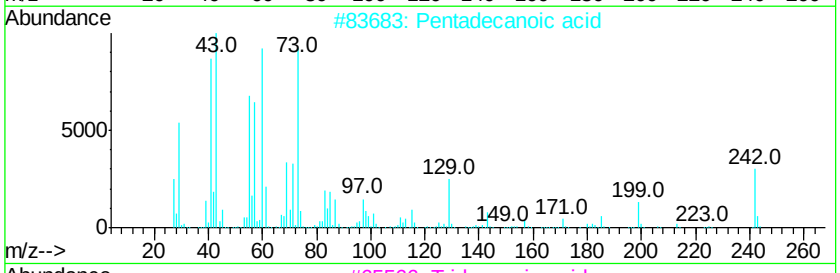
Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

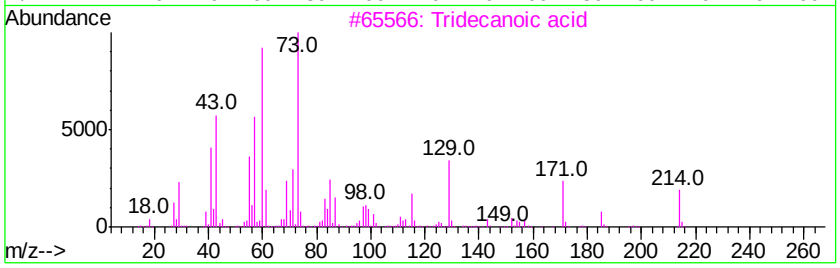
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.43 ng	196044	Phenanthrene-d10	11.21

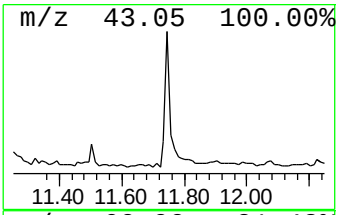
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	72

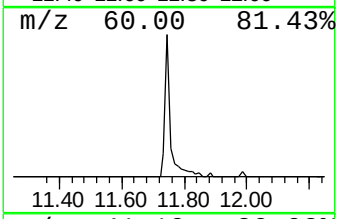


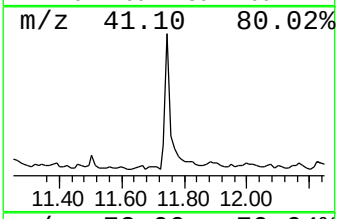


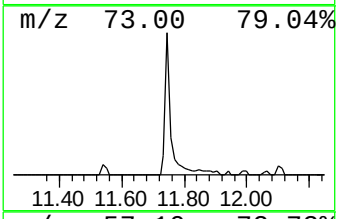


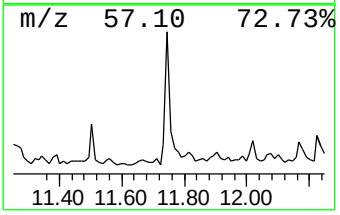












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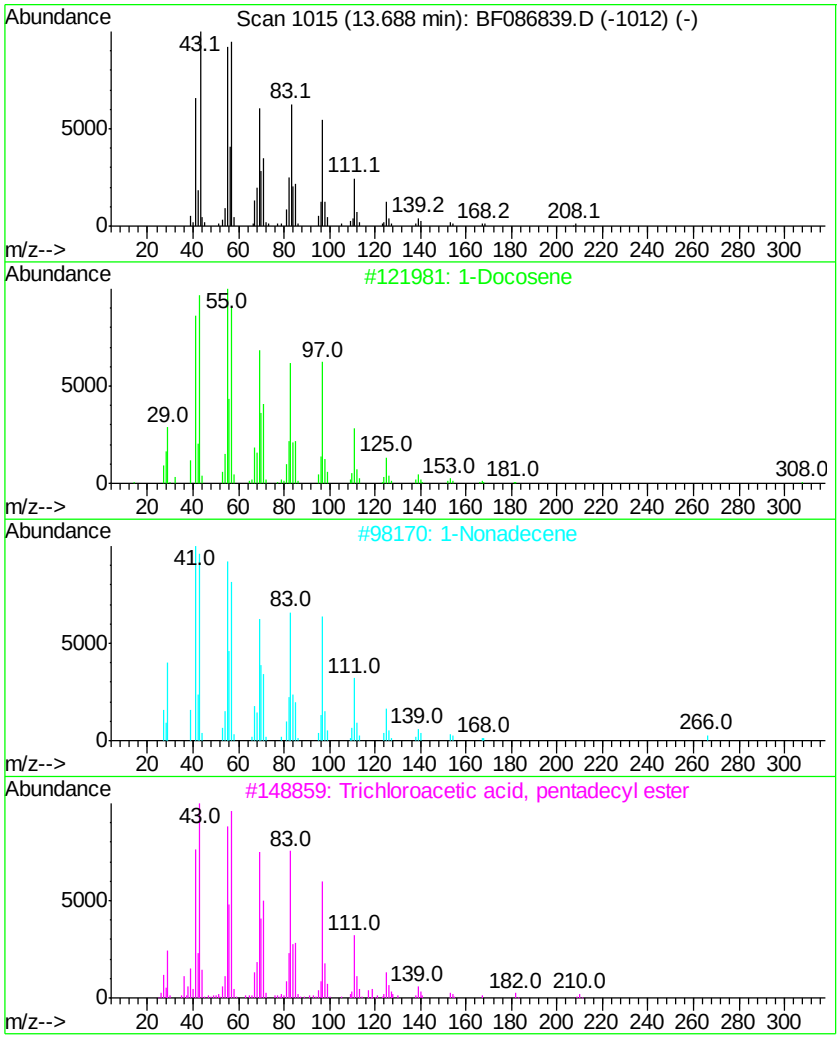
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

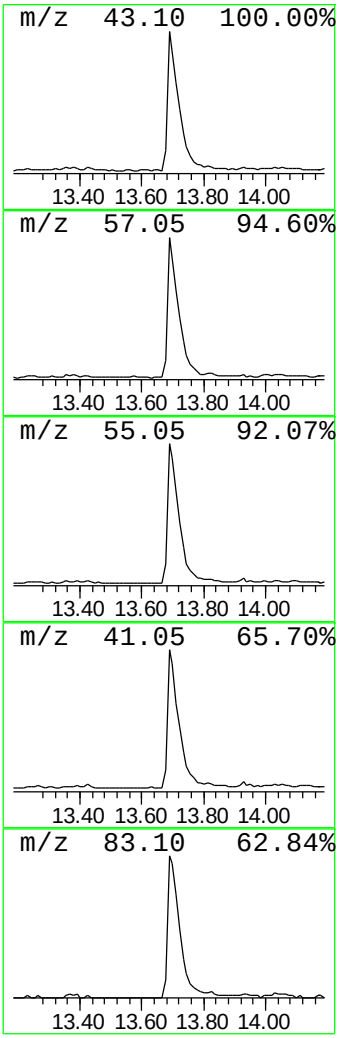
****

Peak Number 7 1-Docosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	10.65 ng	739536	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	87
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	87





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...	4.86	7.1	ng	364909	1	6.69	1024920	20.0
unknown6.46	6.46	80.3	ng	4113330	1	6.69	1024920	20.0
Eicosane	10.17	2.4	ng	195988	3	9.72	1610050	20.0
Hexadecane	10.64	3.4	ng	277601	4	11.21	1613490	20.0
n-Hexadecanoic acid	11.75	2.4	ng	196044	4	11.21	1613490	20.0
1-Docosene	13.69	10.7	ng	739536	5	13.83	1388890	20.0