LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082840.D
Acq On : 9 Nov 2015 20:24
Operator : UM/IZ
Sample : G4306-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D1

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-BF110715.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	5.024	253	257	267	rVB	2520464	4009579	49.74%	5.529%
2	5.447	290	294	296	rBV	6414023	7507586	93.14%	10.352%
3	6.476	380	384	386	rVB	5386199	8014219	99.43%	11.050%
4	6.601	392	395	397	rBV	6867853	7199468	89.32%	9.927%
5	6.830	412	415	417	rBV	1485593	1378713	17.10%	1.901%
6	6.990	426	429	431	rBV	5199050	5678148	70.45%	7.829%
7	7.390	461	464	467	rBV	3945170	4416014	54.79%	6.089%
8	7.493	470	473	478	rVB	67841	92607	1.15%	0.128%
9	8.110	524	527	529	rBV	1652492	1644808	20.41%	2.268%
10	9.196	618	622	624	rBV	7782542	8037485	99.72%	11.082%
11	9.585	653	656	658	rBV	1639717	1430525	17.75%	1.972%
12	9.813	674	676	678	rVB	107519	88565	1.10%	0.122%
13	9.870	678	681	683	rBV	1830929	1977304	24.53%	2.726%
14	10.316	715	720	721	rVB	131773	178892	2.22%	0.247%
15	10.533	736	739	742	rBV	53290	82570	1.02%	0.114%
16	10.659	746	750	752	rVV	4572511	5435929	67.44%	7.495%
17	10.785	757	761	766	rBV	204495	264181	3.28%	0.364%
18	11.230	798	800	802	rBV	170979	142868	1.77%	0.197%
19	11.345	808	810	813	rVB	2028755	1852996	22.99%	2.555%
20	11.653	835	837	840	rVB	82791	93826	1.16%	0.129%
21	11.893	855	858	862	rBV	150288	234529	2.91%	0.323%
22	12.945	946	950	952	rBV	5973445	8060387	100.00%	11.114%
23	13.848	1026	1029	1038	rBV	473064	902310	11.19%	1.244%
24	13.985	1038	1041	1043	rVV	1516403	1849967	22.95%	2.551%
25	15.402	1162	1165	1168	rBV	1331333	1592669	19.76%	2.196%
26	15.951	1209	1213	1223	rBV4	55782	253332	3.14%	0.349%
27	17.037	1304	1308	1314	rBV7	25915	105688	1.31%	0.146%

Sum of corrected areas: 72525165

LSC Report - Integrated Chromatogram

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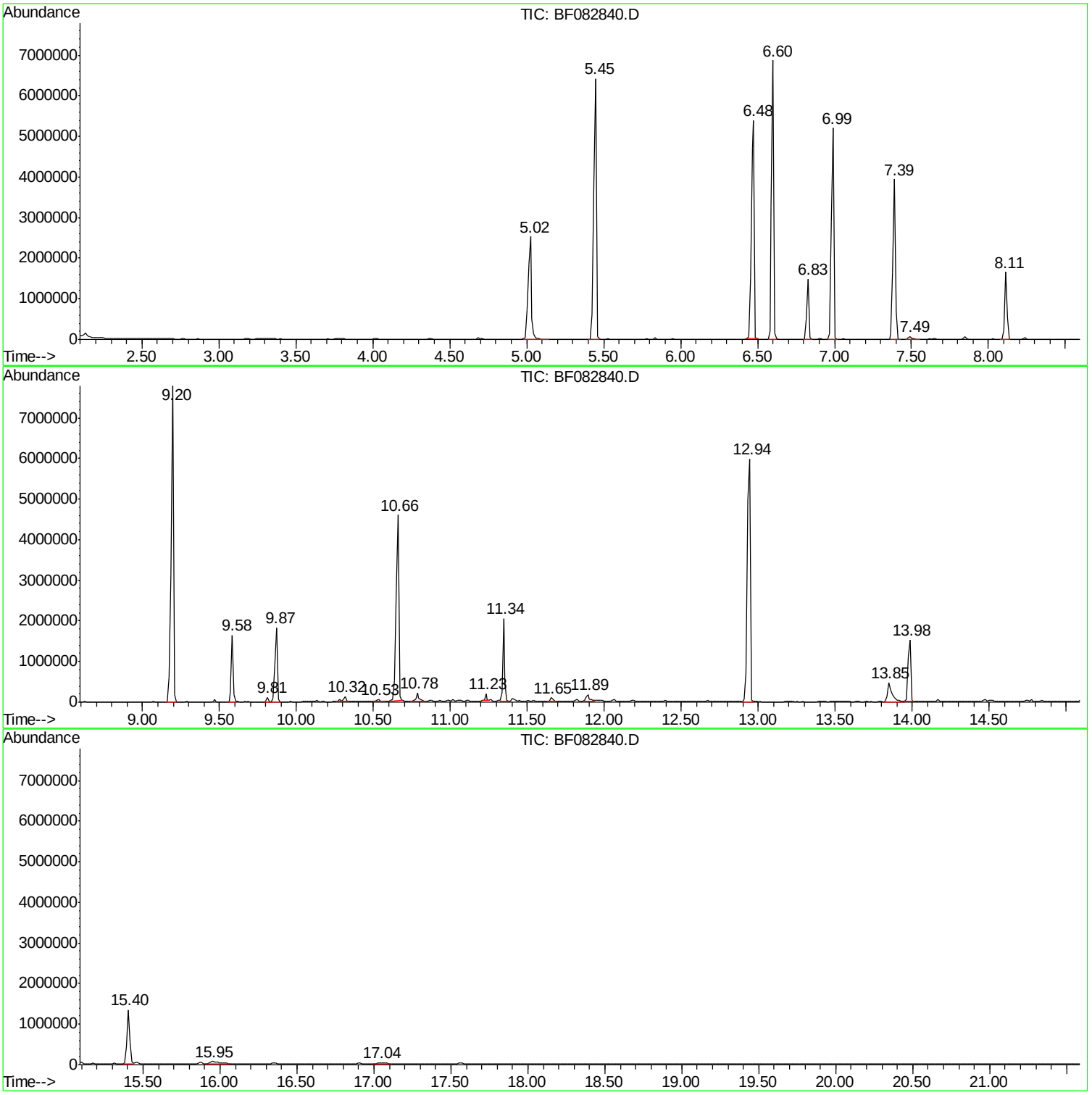
Operator : UM/IZ
Sample : G4306-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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\BF110915\
Data File : BF082840.D
Acq On : 9 Nov 2015 20:24
Operator : UM/IZ
Sample : G4306-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

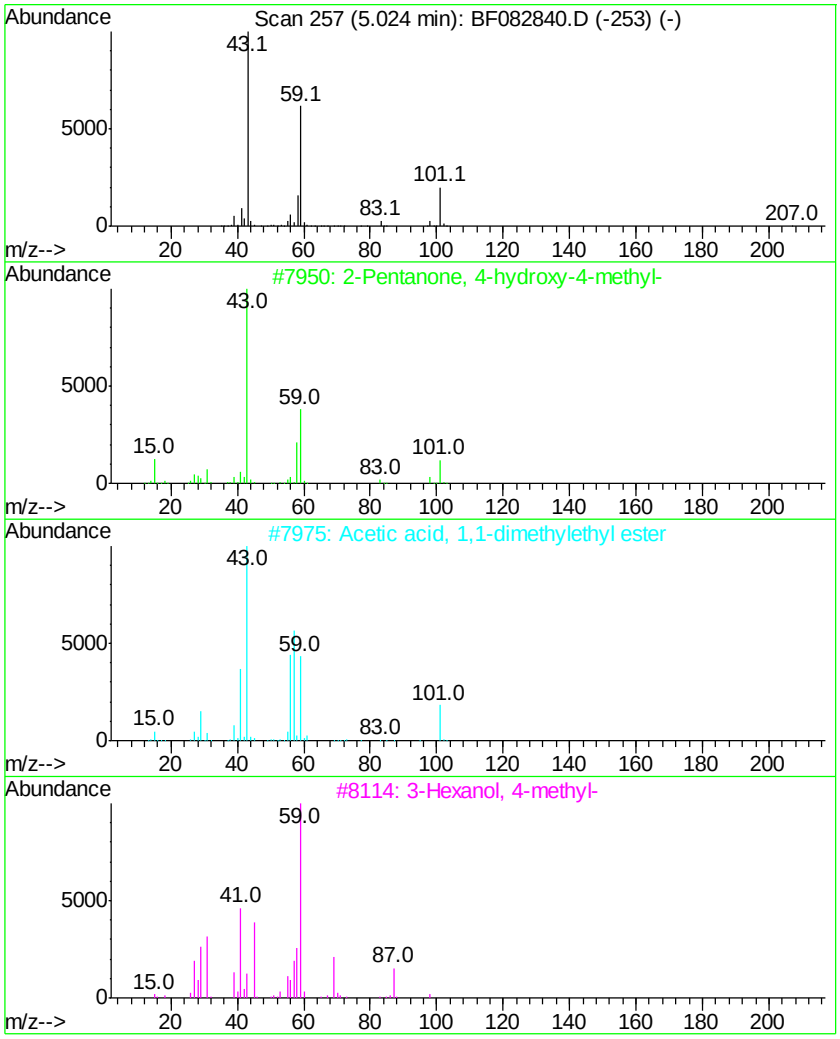
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

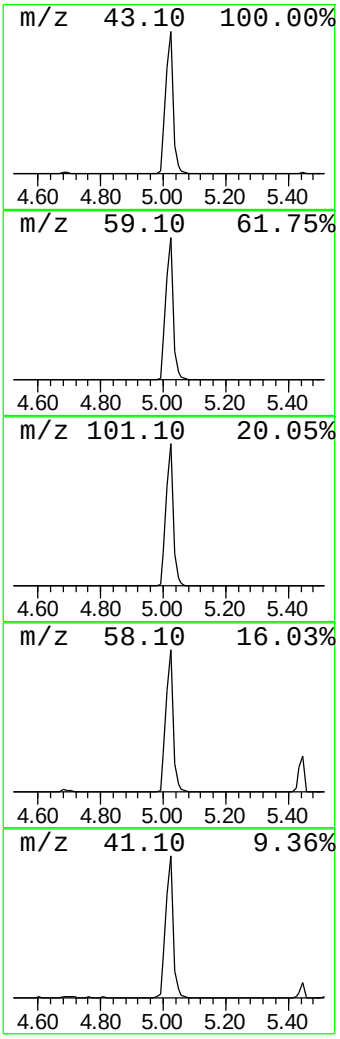
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	58.16 ng	4009580	1,4-Dichlorobenzene-d4	6.83

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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Sample : G4306-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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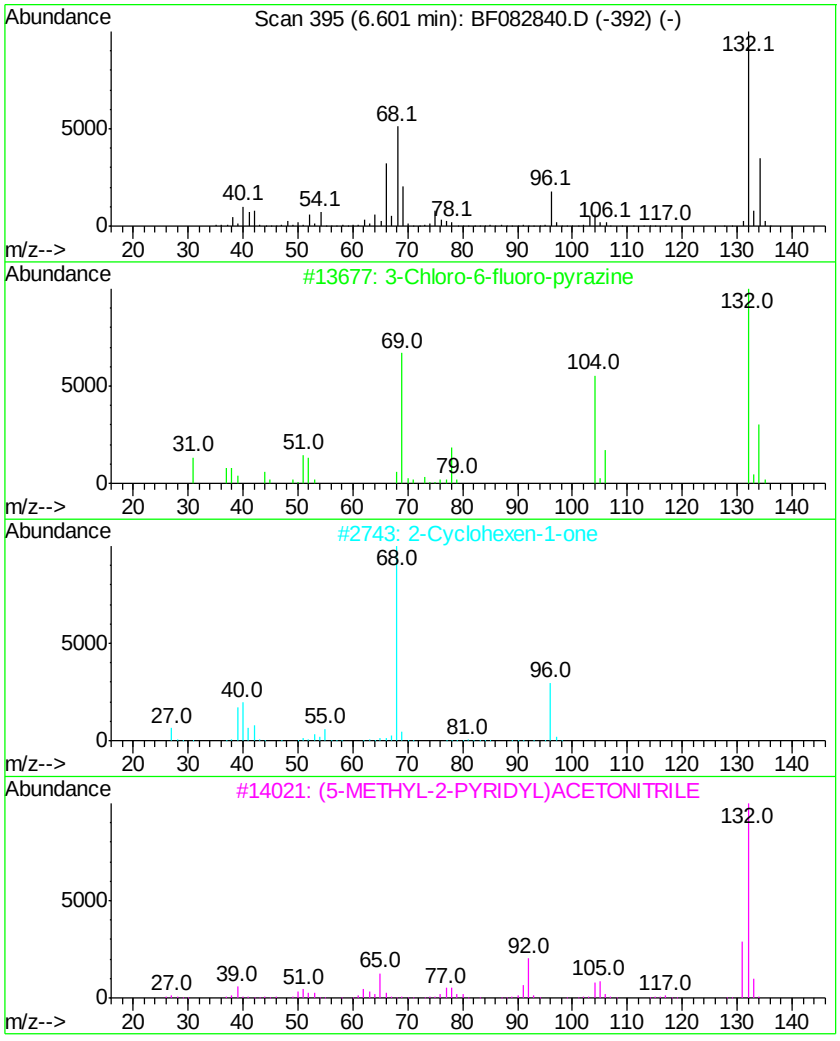
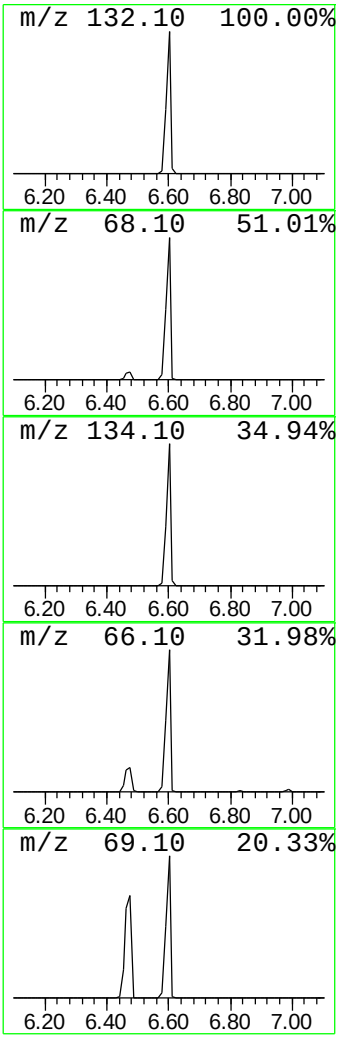
Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	104.44 ng	7199470	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082840.D
Acq On : 9 Nov 2015 20:24
Operator : UM/IZ
Sample : G4306-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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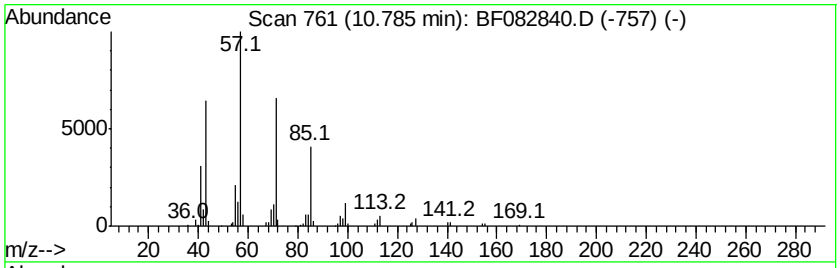
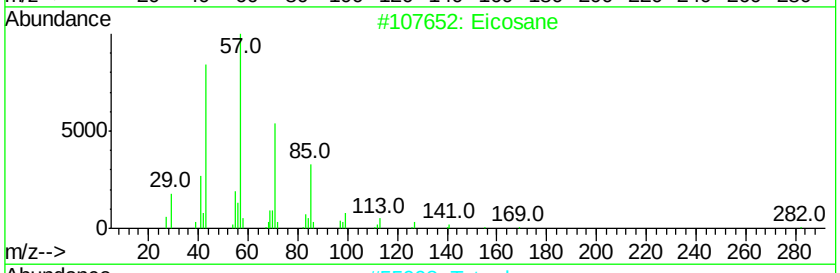
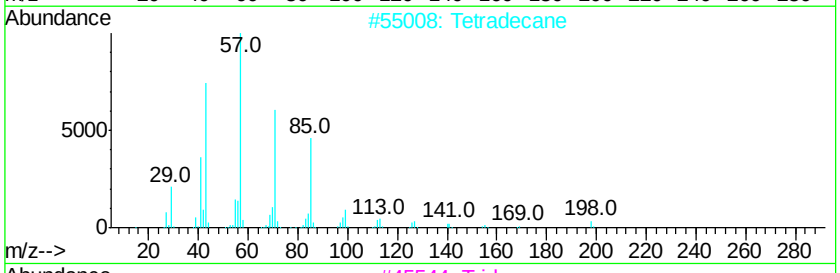
Peak Number 4 Eicosane Concentration Rank 6

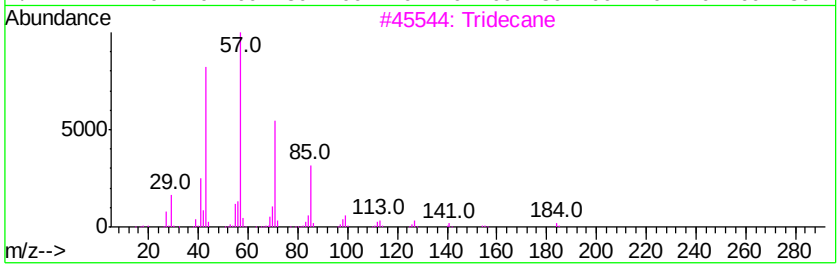
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	2.85 ng	264181	Phenanthrene-d10	11.34

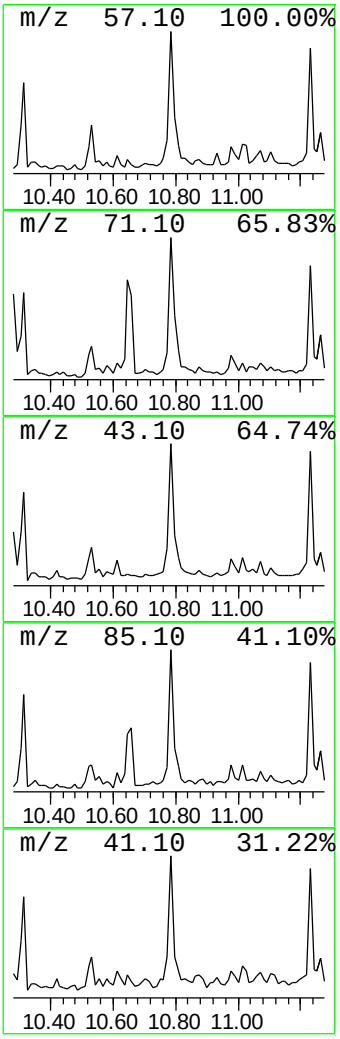
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
5	Hexadecane	226	C16H34	000544-76-3	90











Library Search Compound Report

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Data File : BF082840.D
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Operator : UM/IZ
Sample : G4306-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

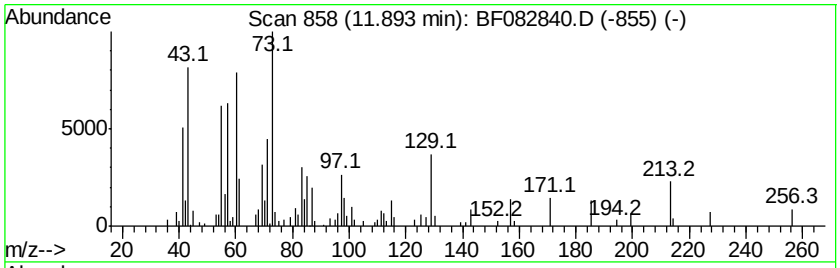
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

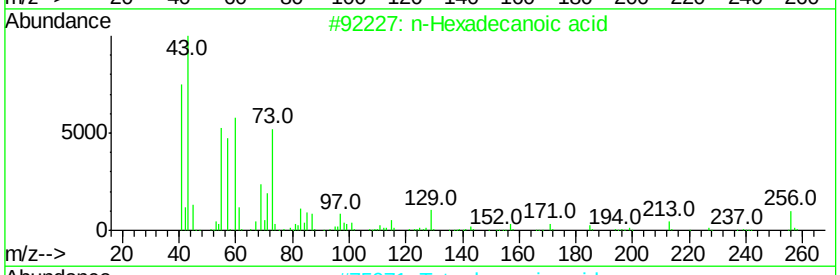
****

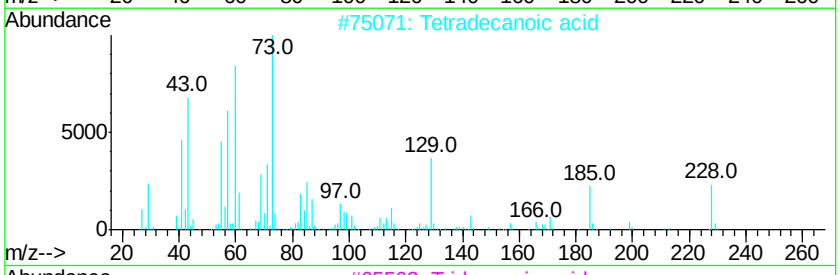
Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

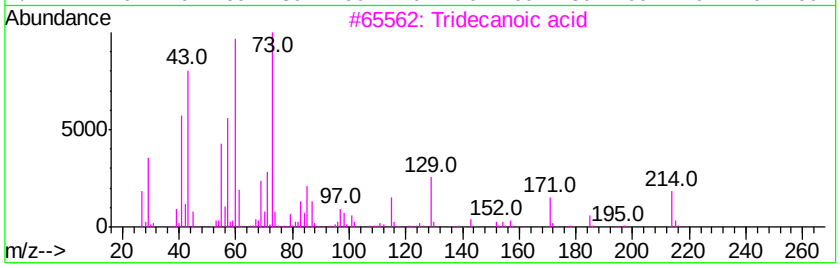
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.53 ng	234529	Phenanthrene-d10	11.34

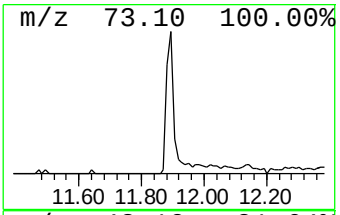
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	D-Glucose, 4-O-.alpha.-D-glucopy...	342	C12H22O11	000069-79-4	43

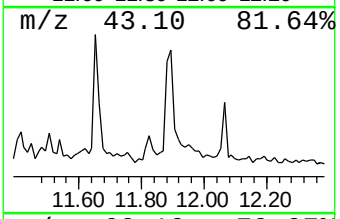


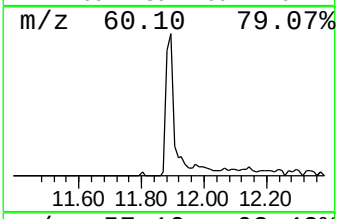


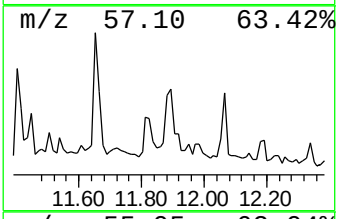


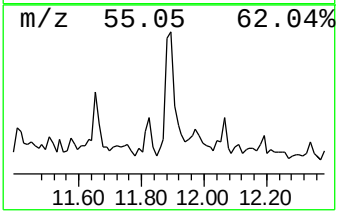












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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

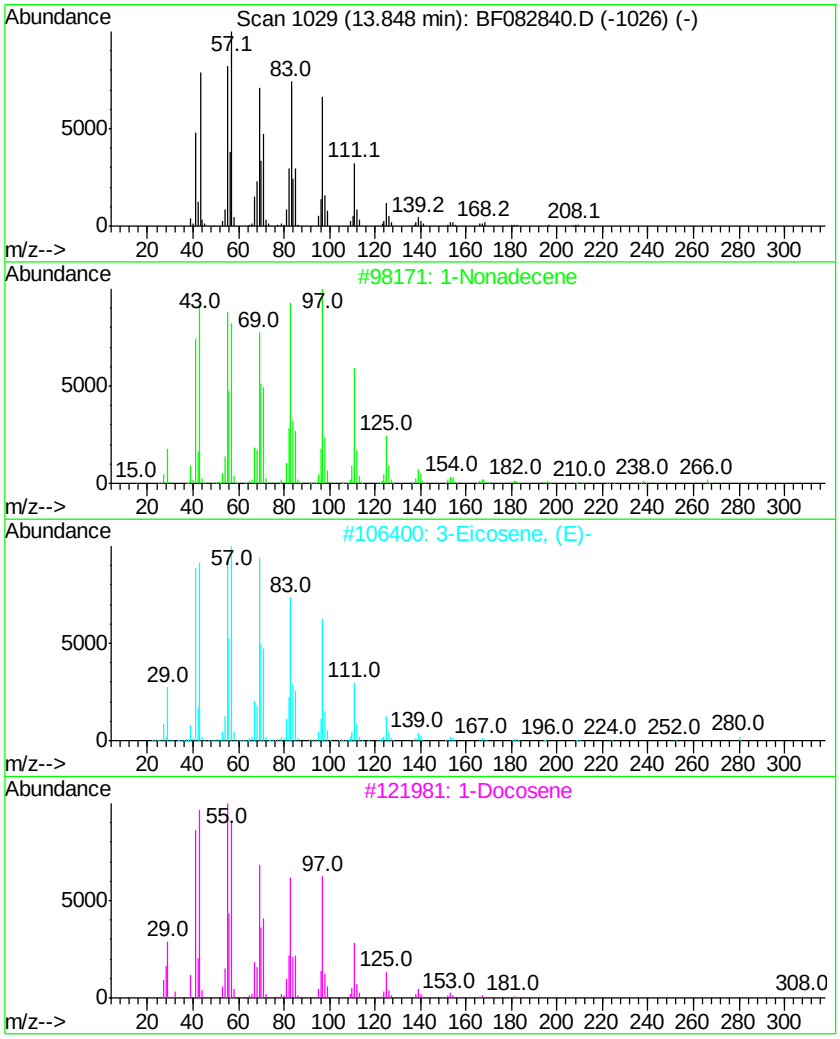
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

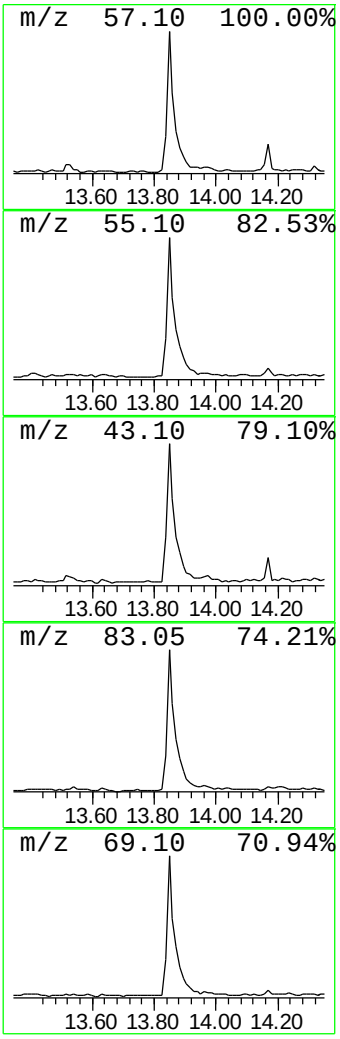
****

Peak Number 6 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	9.75 ng	902310	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	1-Docosene	308	C22H44	001599-67-3	91
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	91





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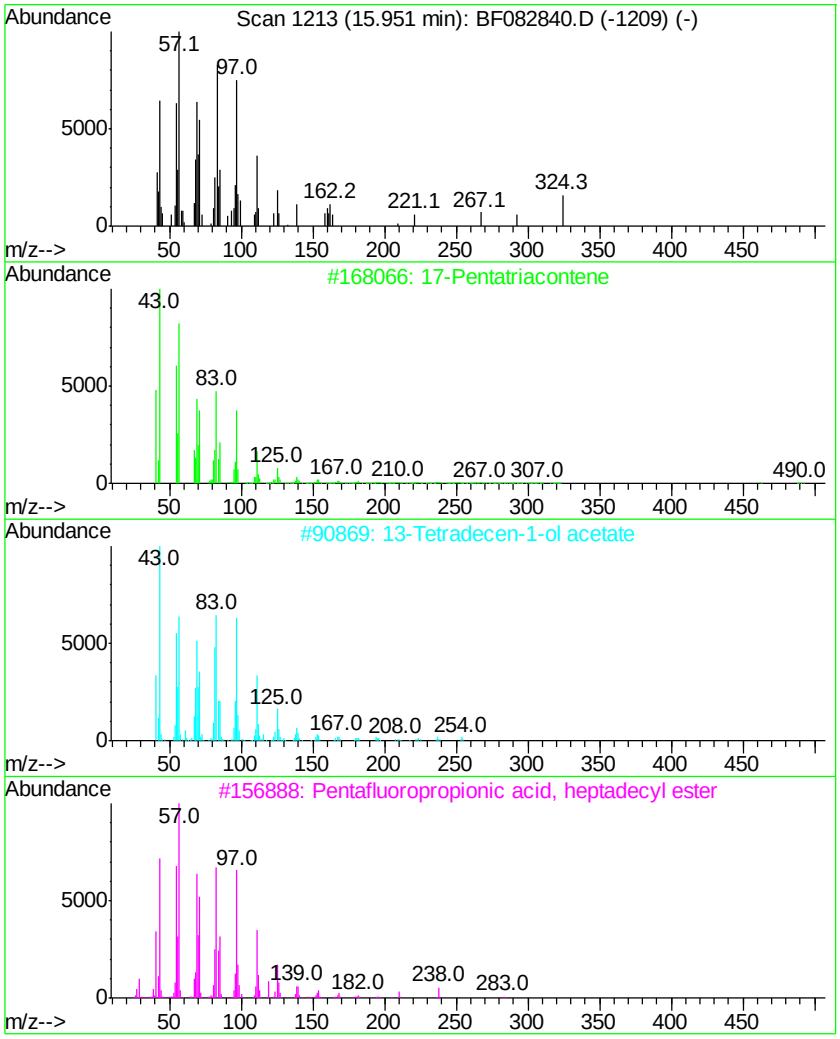
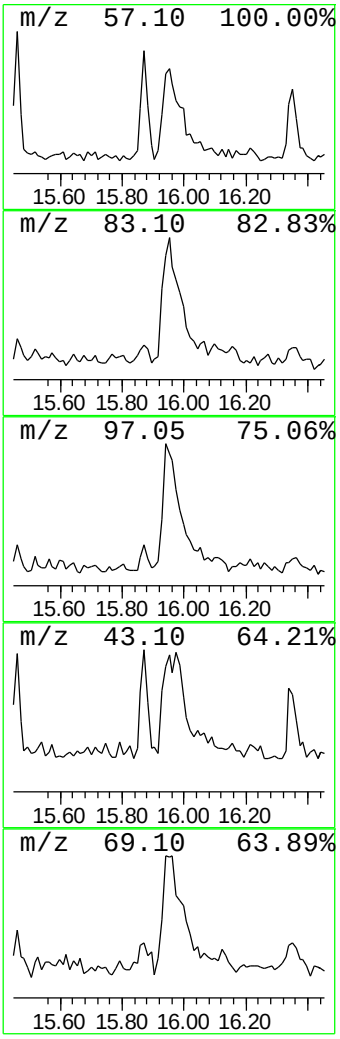
****

Peak Number 7 17-Pentatriacontene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	3.18 ng	253332	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	87
2	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	80
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	76
4	1-Eicosanol	298	C20H42O	000629-96-9	74
5	1-Docosene	308	C22H44	001599-67-3	74





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.02	58.2	ng	4009580	1	6.83	1378710	20.0
unknown6.60	6.60	104.4	ng	7199470	1	6.83	1378710	20.0
Eicosane	10.78	2.9	ng	264181	4	11.34	1853000	20.0
n-Hexadecanoic acid	11.89	2.5	ng	234529	4	11.34	1853000	20.0
1-Nonadecene	13.85	9.8	ng	902310	5	13.98	1849970	20.0
17-Pentatriacontene	15.95	3.2	ng	253332	6	15.40	1592670	20.0