LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082700.D
Acq On : 4 Nov 2015 14:50
Operator : UM/IZ
Sample : G4240-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06(18-20)

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-BF103015.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	5.059	256	260	267	rVB	1616450	2830116	36.24%	4.618%
2	5.470	293	296	299	rBV	4415799	4952847	63.41%	8.082%
3	6.499	383	386	388	rBV	5124116	5505276	70.49%	8.983%
4	6.636	395	398	400	rBV	5829989	6090219	77.98%	9.938%
5	6.865	416	418	420	rBV	1429385	1193680	15.28%	1.948%
6	7.025	429	432	434	rBV	4978170	4644639	59.47%	7.579%
7	7.425	464	467	469	rBV	3411227	3539733	45.32%	5.776%
8	8.145	528	530	533	rBV	1320281	1464287	18.75%	2.389%
9	9.230	622	625	627	rBV	7285099	6849179	87.69%	11.176%
10	9.619	657	659	661	rBV	1184365	978549	12.53%	1.597%
11	9.905	681	684	686	rBV	2158768	1919041	24.57%	3.131%
12	10.328	717	721	724	rBV	141551	267134	3.42%	0.436%
13	10.694	750	753	755	rBV	4869465	5106941	65.39%	8.333%
14	10.819	762	764	769	rVB	75178	98443	1.26%	0.161%
15	11.265	801	803	805	rBV	90617	82512	1.06%	0.135%
16	11.379	811	813	816	rVB	1434890	1965597	25.17%	3.207%
17	11.928	858	861	863	rBV	621134	709778	9.09%	1.158%
18	12.705	927	929	936	rBV	198688	232048	2.97%	0.379%
19	12.979	950	953	955	rBV	7642095	7810405	100.00%	12.744%
20	13.882	1029	1032	1042	rBV2	636651	916753	11.74%	1.496%
21	14.020	1042	1044	1047	rVV	1825734	2120627	27.15%	3.460%
22	14.534	1087	1089	1093	rBV	58388	91674	1.17%	0.150%
23	14.911	1120	1122	1124	rVV	167545	181589	2.32%	0.296%
24	15.483	1169	1172	1175	rBV	1282562	1552149	19.87%	2.533%
25	16.008	1216	1218	1222	rBV2	91954	181822	2.33%	0.297%

Sum of corrected areas: 61285038

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Instrument : BNA_F
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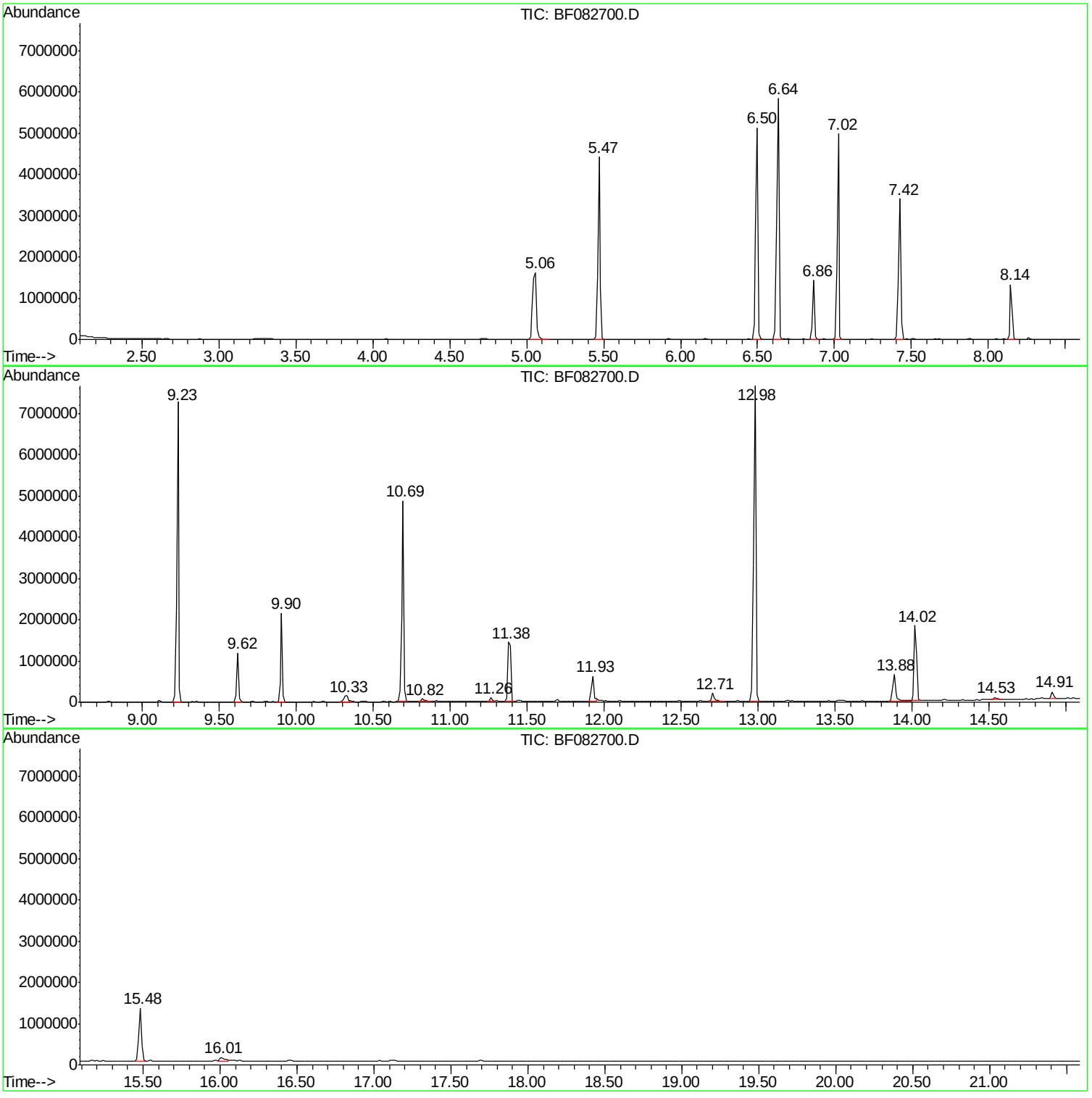
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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TIC Integration Parameters: LSCINT.P

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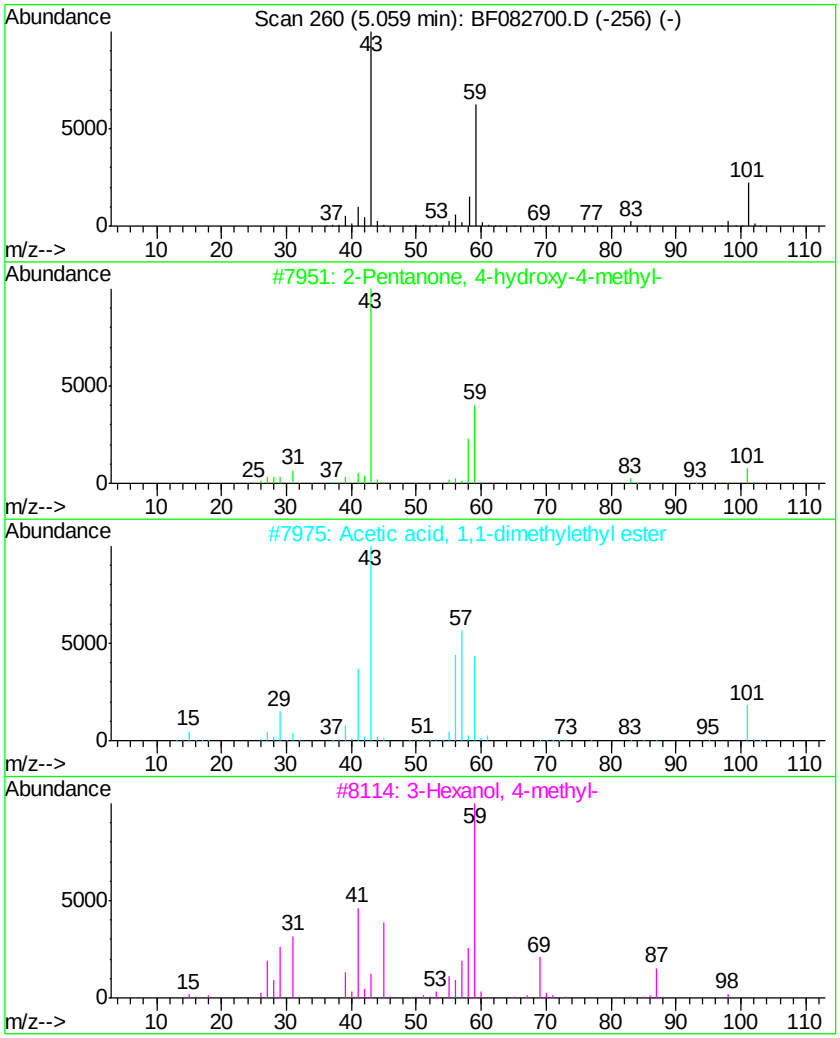
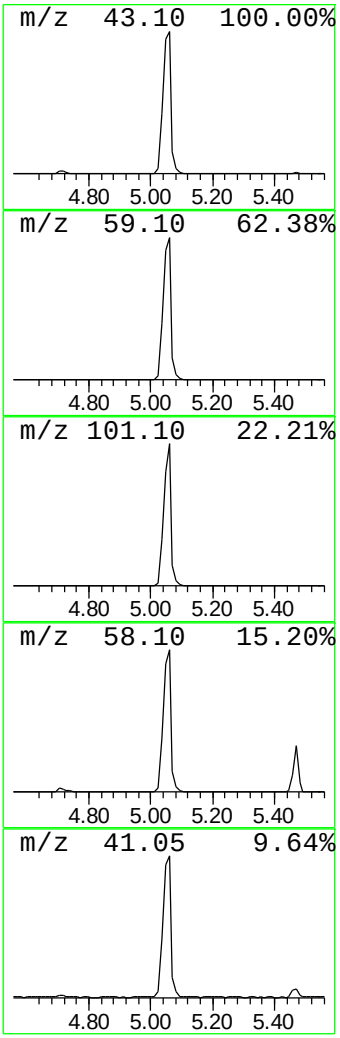
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	47.42 ng	2830120	1,4-Dichlorobenzene-d4	6.86

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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17





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Instrument : BNA_F
ClientSampleId : SB-06(18-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
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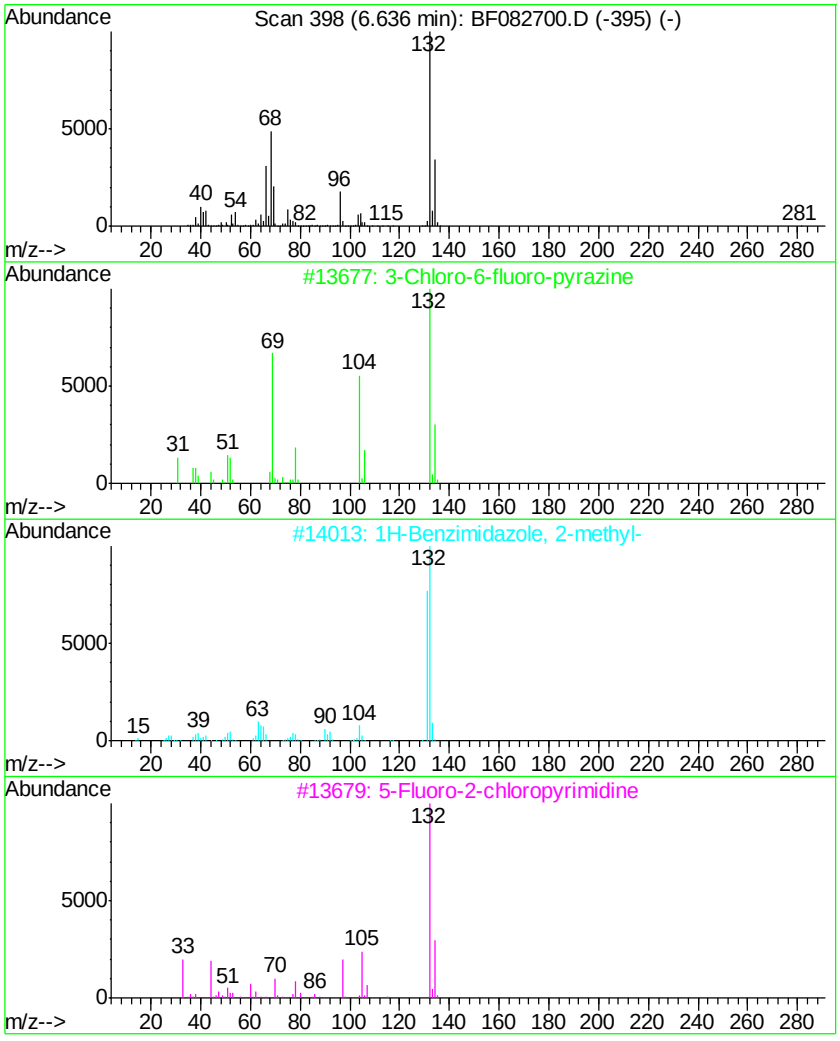
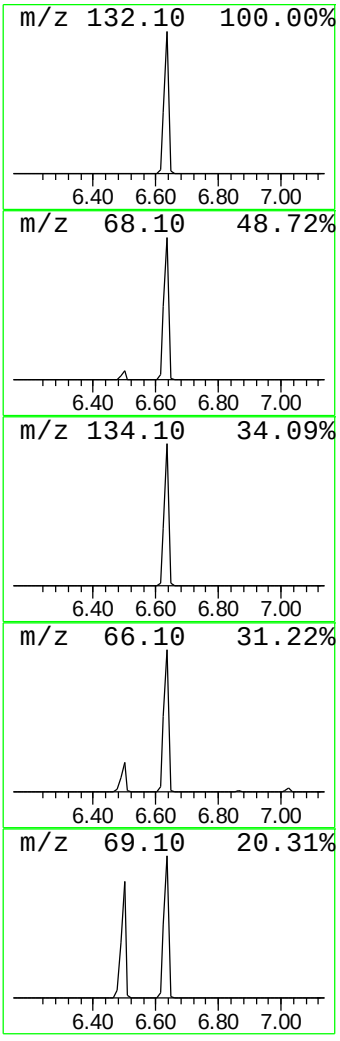
Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	102.04 ng	6090220	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
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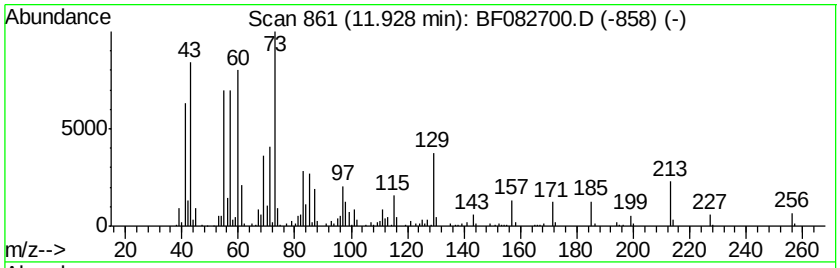
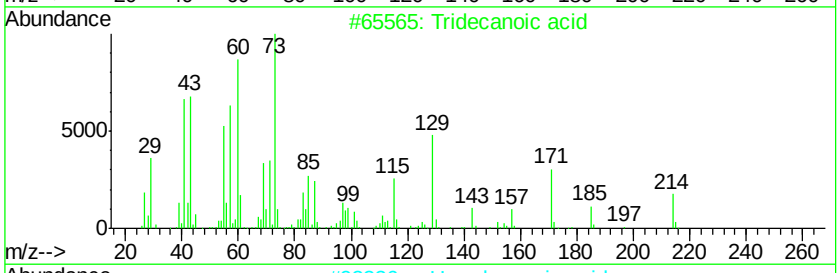
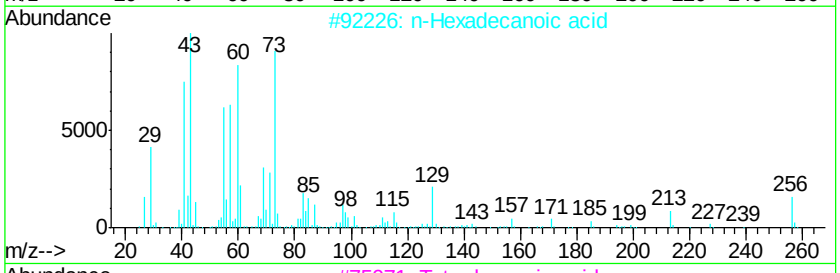
Peak Number 4 Tridecanoic acid Concentration Rank 5

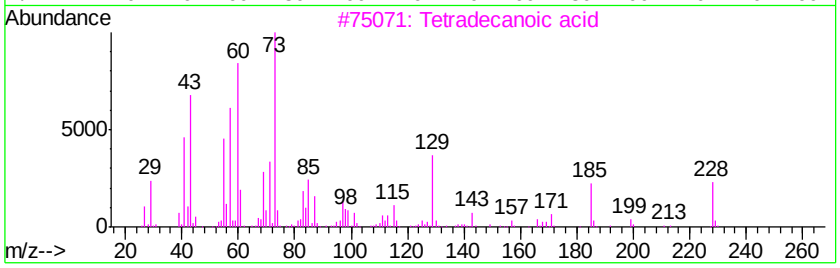
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	7.22 ng	709778	Phenanthrene-d10	11.39

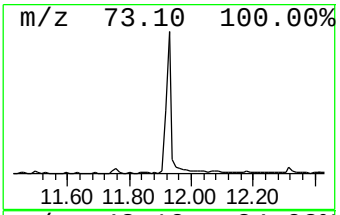
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70

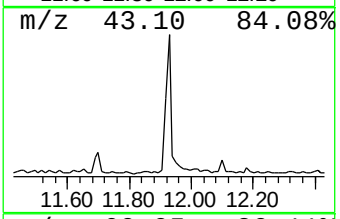


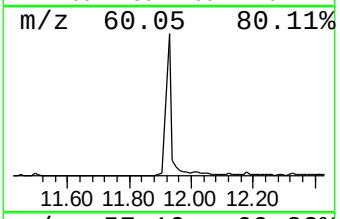


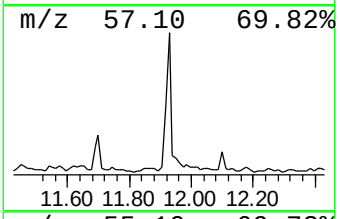


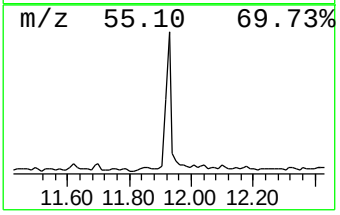












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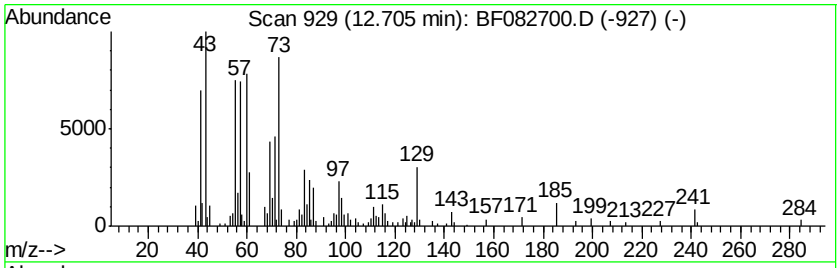
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

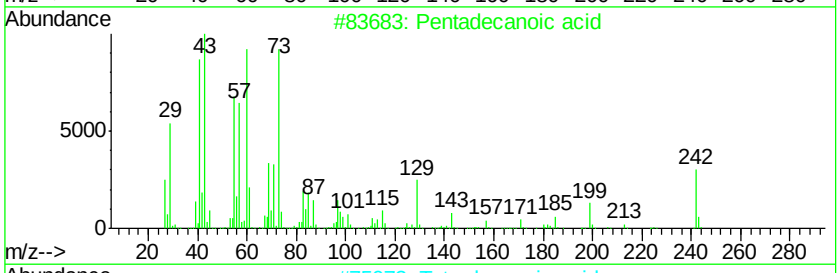
****

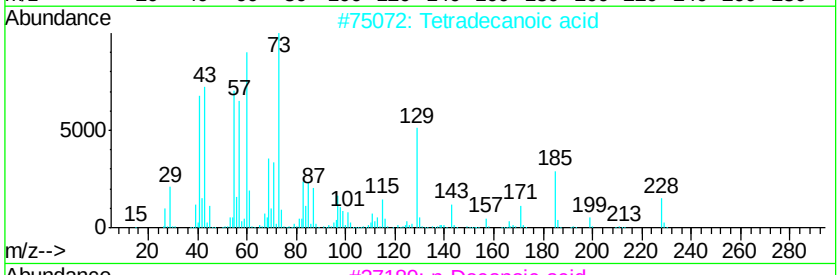
Peak Number 5 Pentadecanoic acid Concentration Rank 6

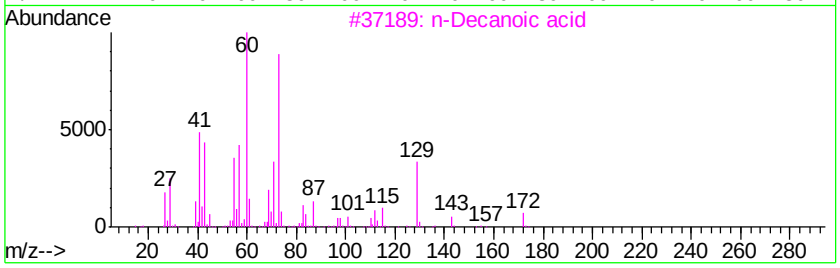
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	2.36 ng	232048	Phenanthrene-d10	11.39

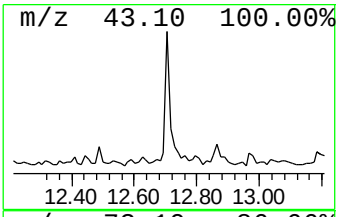
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	n-Decanoic acid	172	C10H20O2	000334-48-5	47
4	N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	25
5	Undecane	156	C11H24	001120-21-4	11

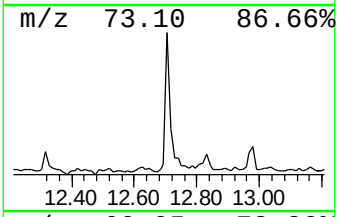


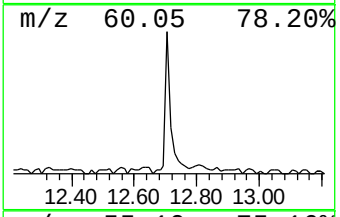


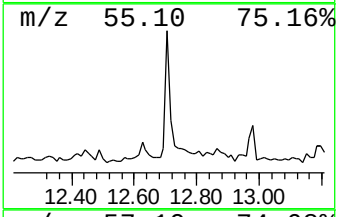


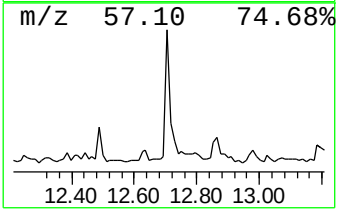












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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

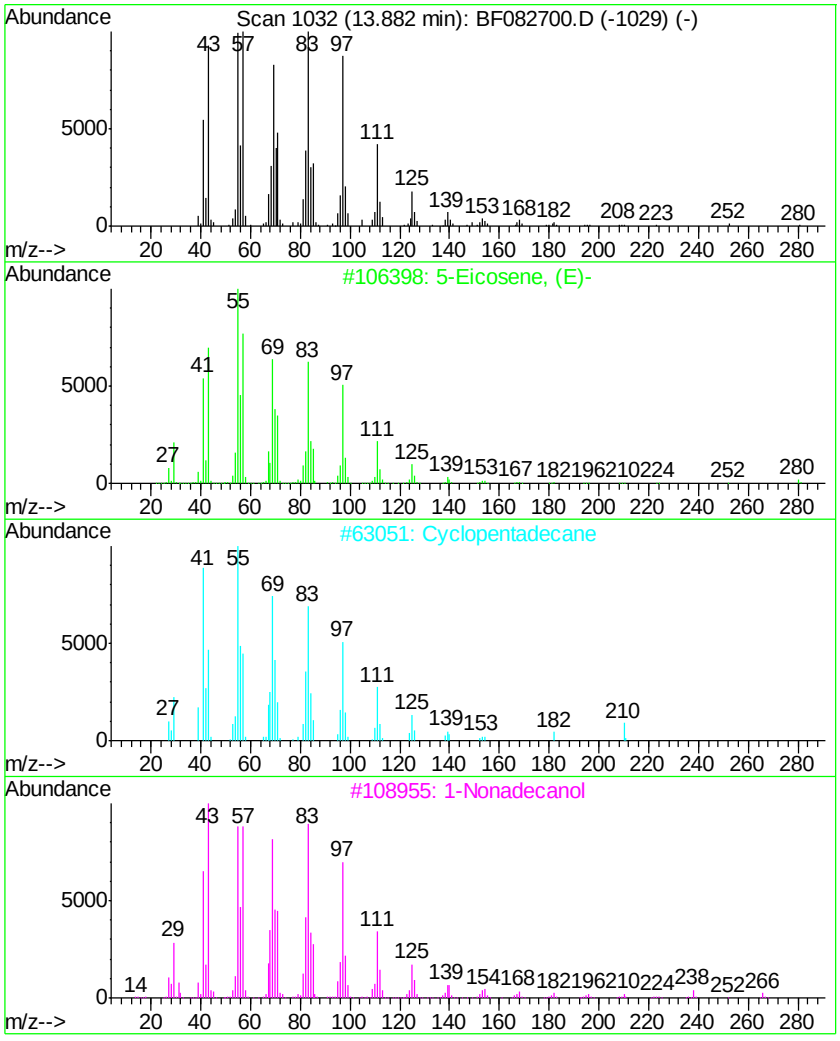
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

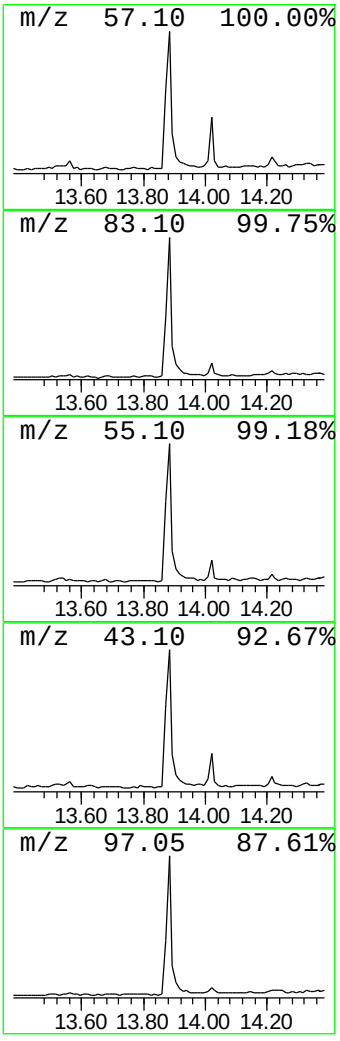
****

Peak Number 6 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	8.65 ng	916753	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Cyclopentadecane	210	C15H30	000295-48-7	93
3	1-Nonadecanol	284	C19H40O	001454-84-8	93
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91





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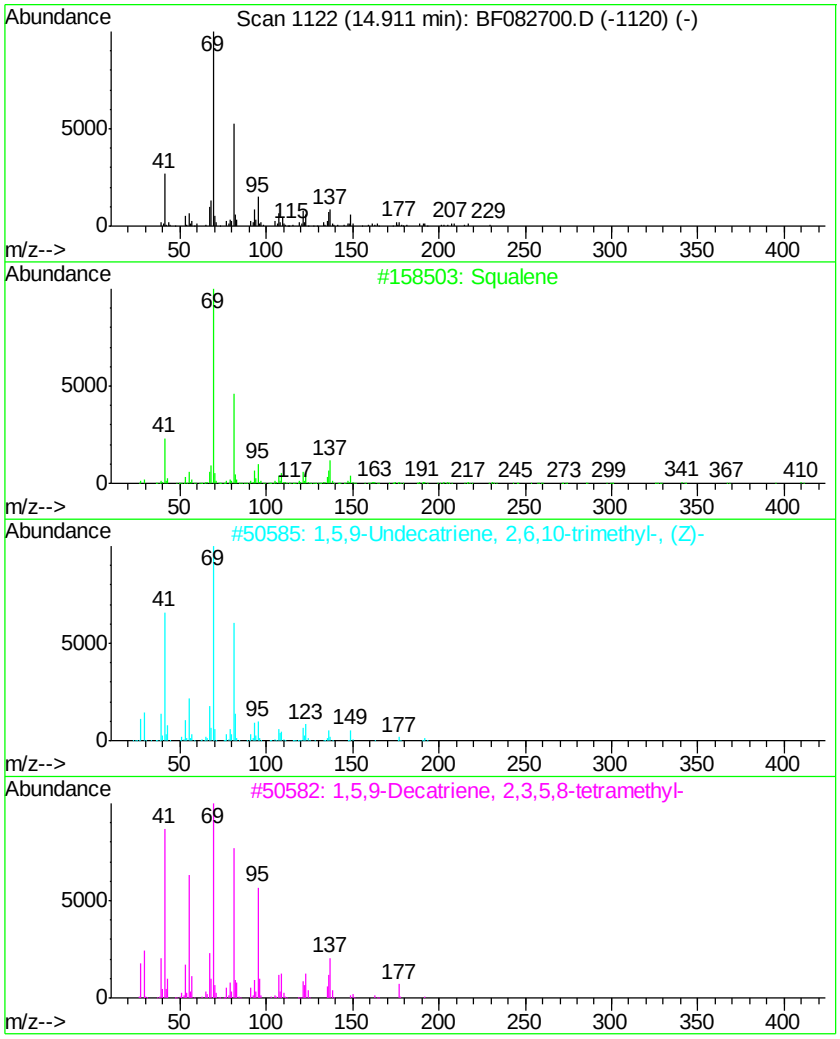
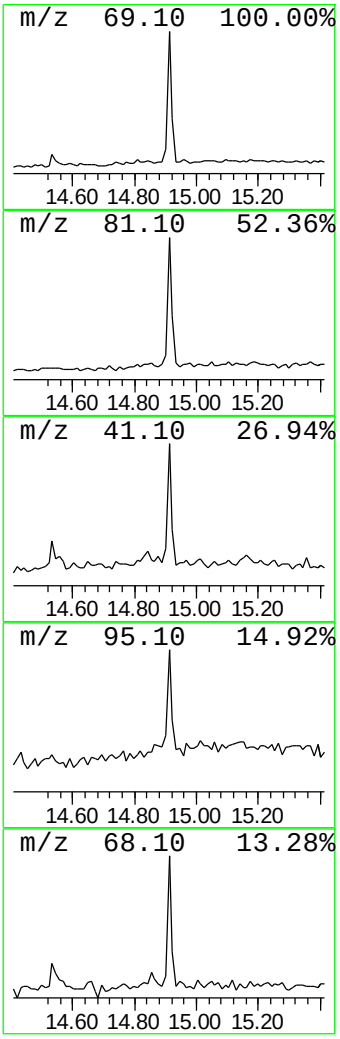
****

Peak Number 7 Squalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	2.34 ng	181589	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	86
3	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	80
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	78
5	Trideca-1,7,11-triene-1,1-dicarb...	270	C18H26N2	1000161-46-0	59





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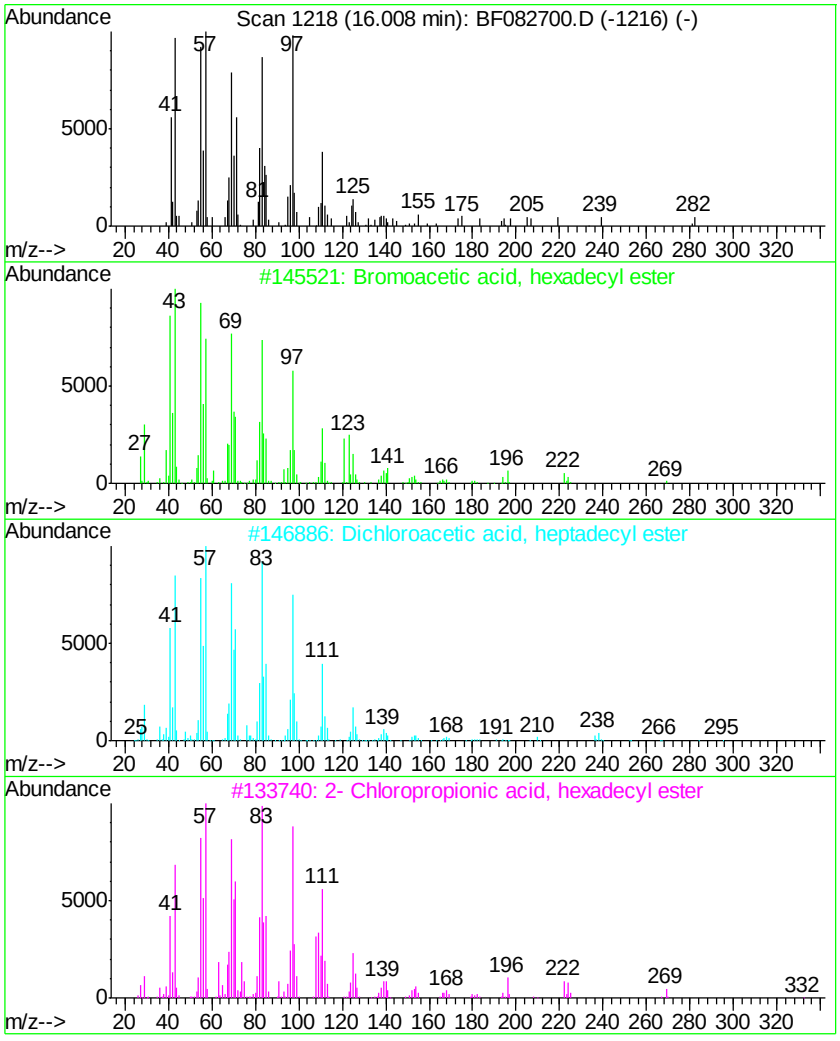
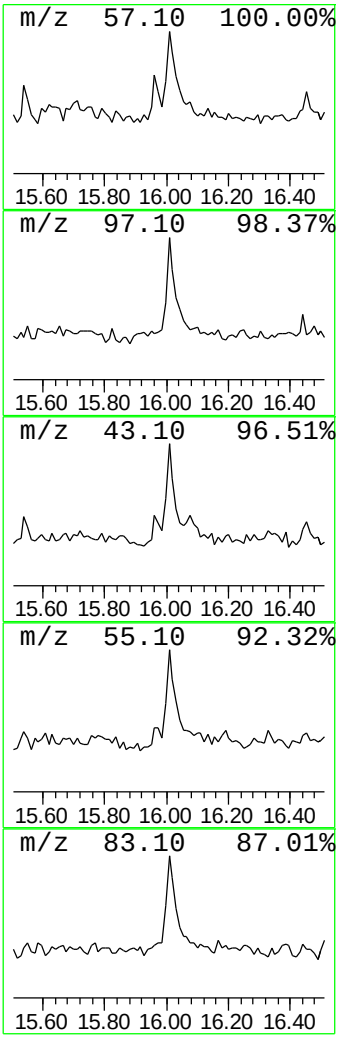
Peak Number 8 Bromoacetic acid, hexadecyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	2.34 ng	181822	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87
3	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	83
4	1-Nonadecanol	284	C19H40O	001454-84-8	81
5	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
Data File : BF082700.D
Acq On : 4 Nov 2015 14:50
Operator : UM/IZ
Sample : G4240-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06(18-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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...	5.06	47.4	ng	2830120	1	6.86	1193680	20.0
unknown6.64	6.64	102.0	ng	6090220	1	6.86	1193680	20.0
Tridecanoic acid	11.93	7.2	ng	709778	4	11.39	1965600	20.0
Pentadecanoic acid	12.71	2.4	ng	232048	4	11.39	1965600	20.0
5-Eicosene, (E)-	13.88	8.7	ng	916753	5	14.02	2120630	20.0
Squalene	14.91	2.3	ng	181589	6	15.48	1552150	20.0
Bromoacetic acid,...	16.01	2.3	ng	181822	6	15.48	1552150	20.0