LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\
Data File : BF082737.D
Acq On : 5 Nov 2015 19:01
Operator : UM/IZ
Sample : G4261-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

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	5.036	255	258	265	rVB	1251086	1628320	38.28%	4.834%
2	5.459	292	295	298	rBV	2767866	3342110	78.58%	9.923%
3	6.499	383	386	388	rBV	3899601	4167214	97.98%	12.372%
4	6.636	395	398	400	rBV	3500312	3927845	92.35%	11.662%
5	6.864	415	418	420	rBV	654763	533513	12.54%	1.584%
6	7.024	429	432	434	rBV	3208577	2871783	67.52%	8.526%
7	7.424	464	467	469	rBV	2496515	2228483	52.39%	6.616%
8	8.145	528	530	533	rBV	441561	575879	13.54%	1.710%
9	9.230	622	625	627	rBV	5026004	4253331	100.00%	12.628%
10	9.619	657	659	661	rBV	990980	809169	19.02%	2.402%
11	9.905	682	684	686	rBV	805793	677823	15.94%	2.012%
12	10.328	718	721	722	rBV2	127621	158828	3.73%	0.472%
13	10.693	750	753	755	rBV	2623096	2659184	62.52%	7.895%
14	10.819	762	764	768	rBV	60170	68397	1.61%	0.203%
15	11.379	811	813	816	rVB	449085	564291	13.27%	1.675%
16	11.928	858	861	862	rBV	141076	188242	4.43%	0.559%
17	12.705	927	929	935	rBV	48171	58556	1.38%	0.174%
18	12.979	950	953	955	rBV	3127986	3837358	90.22%	11.393%
19	13.871	1030	1031	1035	rBV	107805	187253	4.40%	0.556%
20	14.019	1041	1044	1046	rBV	536708	485858	11.42%	1.443%
21	14.888	1117	1120	1121	rVB	40254	58321	1.37%	0.173%
22	15.448	1167	1169	1172	rBV	324001	399668	9.40%	1.187%

Sum of corrected areas: 33681426

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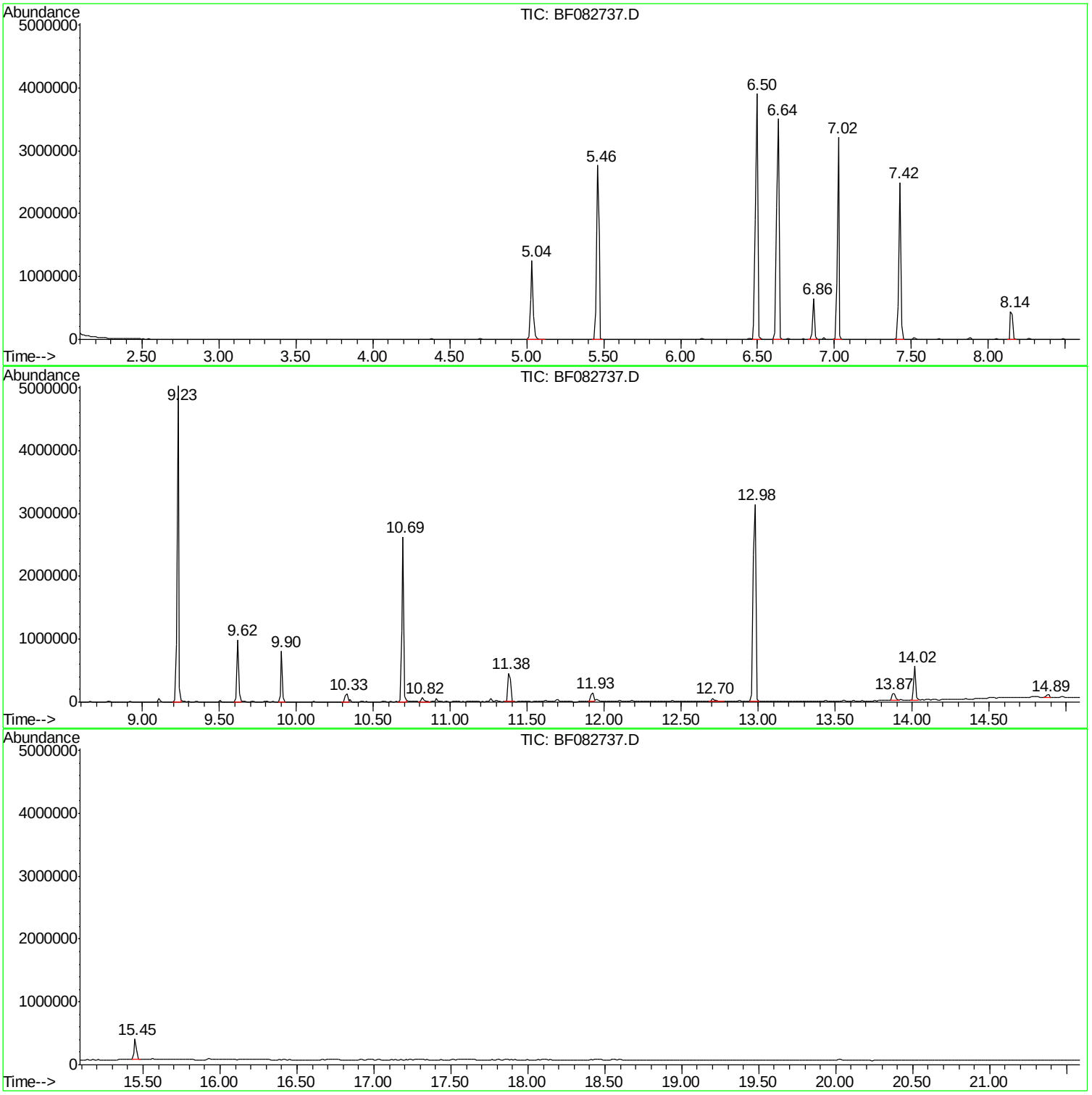
Sample : G4261-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\
Data File : BF082737.D
Acq On : 5 Nov 2015 19:01
Operator : UM/IZ
Sample : G4261-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

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

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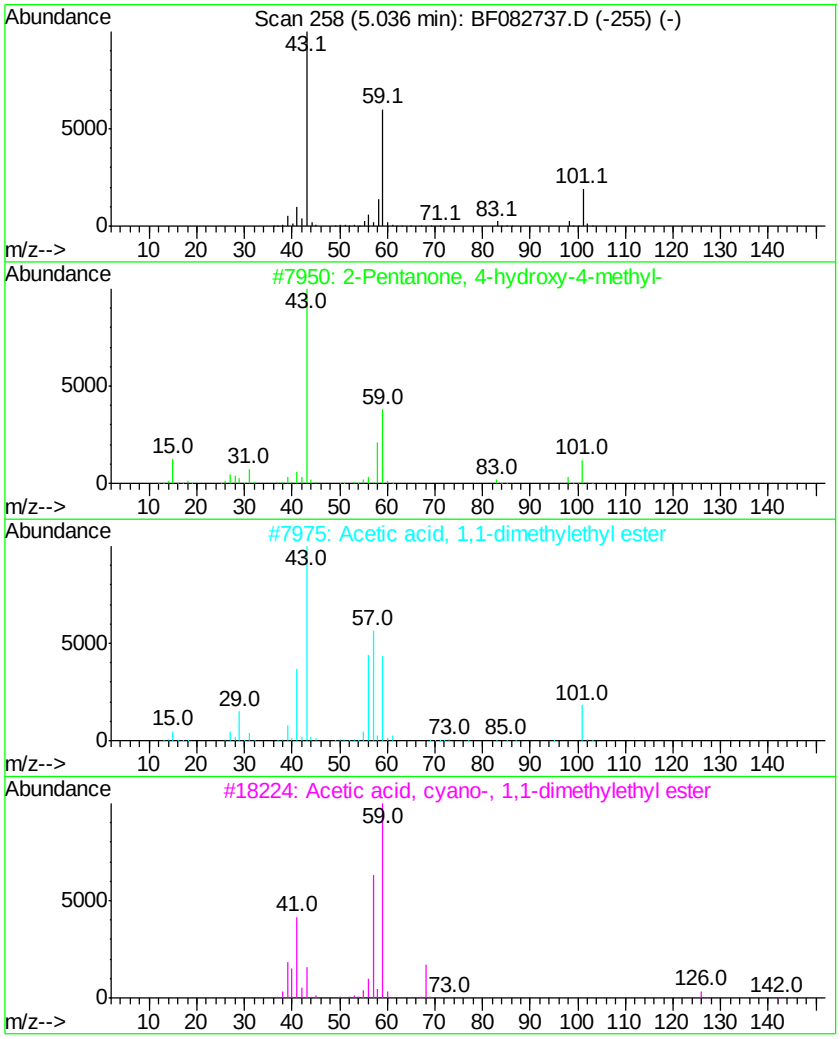
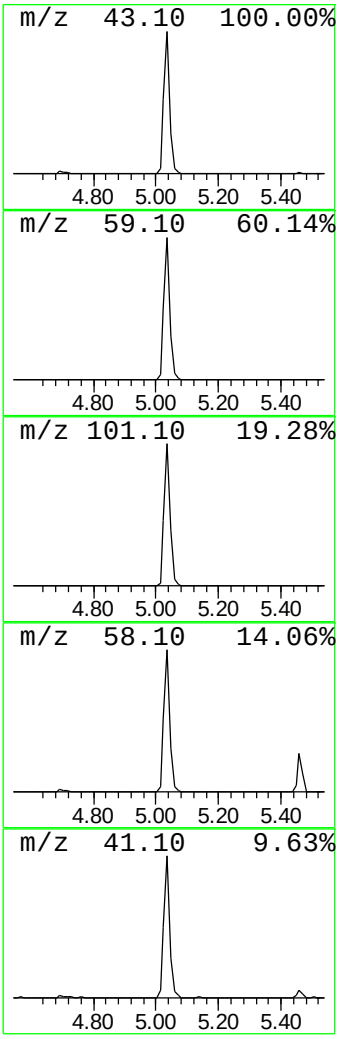
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	61.04 ng	1628320	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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

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TIC Library : C:\DATABASE\NIST02.L
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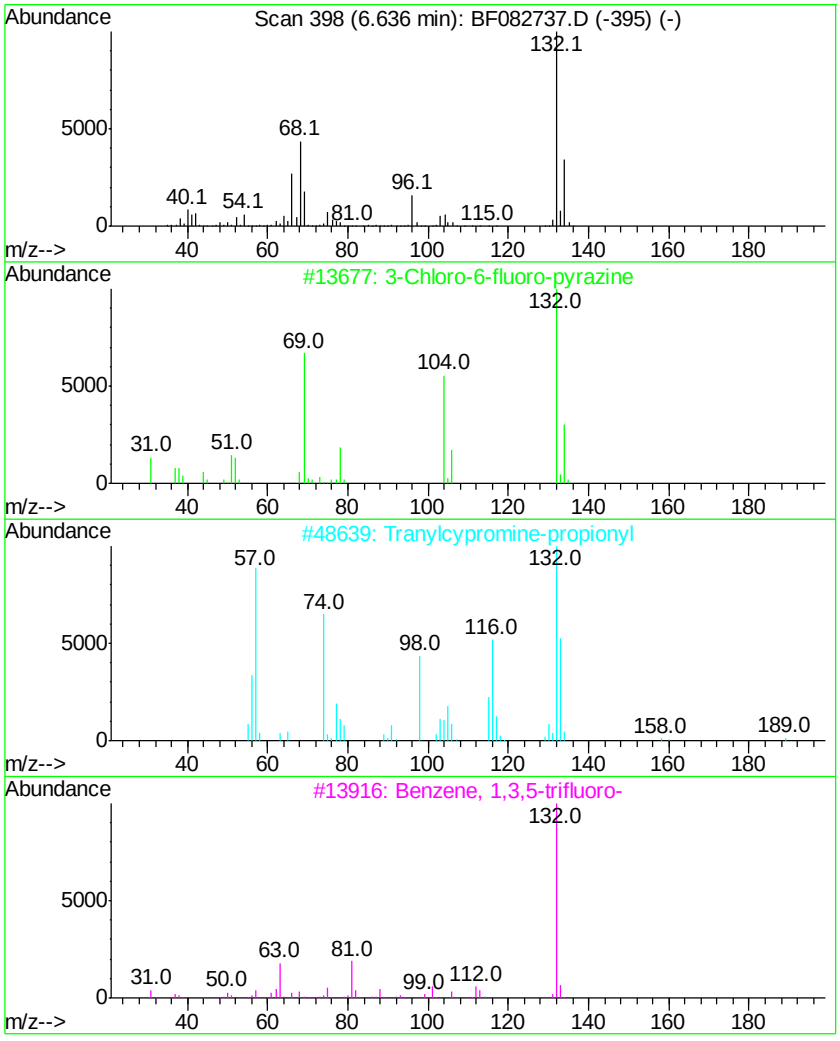
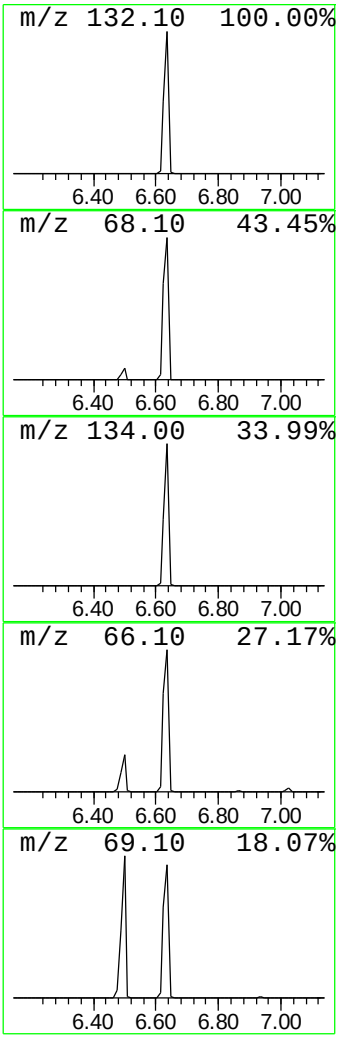
Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	147.25 ng	3927850	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	35
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Library Search Compound Report

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Operator : UM/IZ
Sample : G4261-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

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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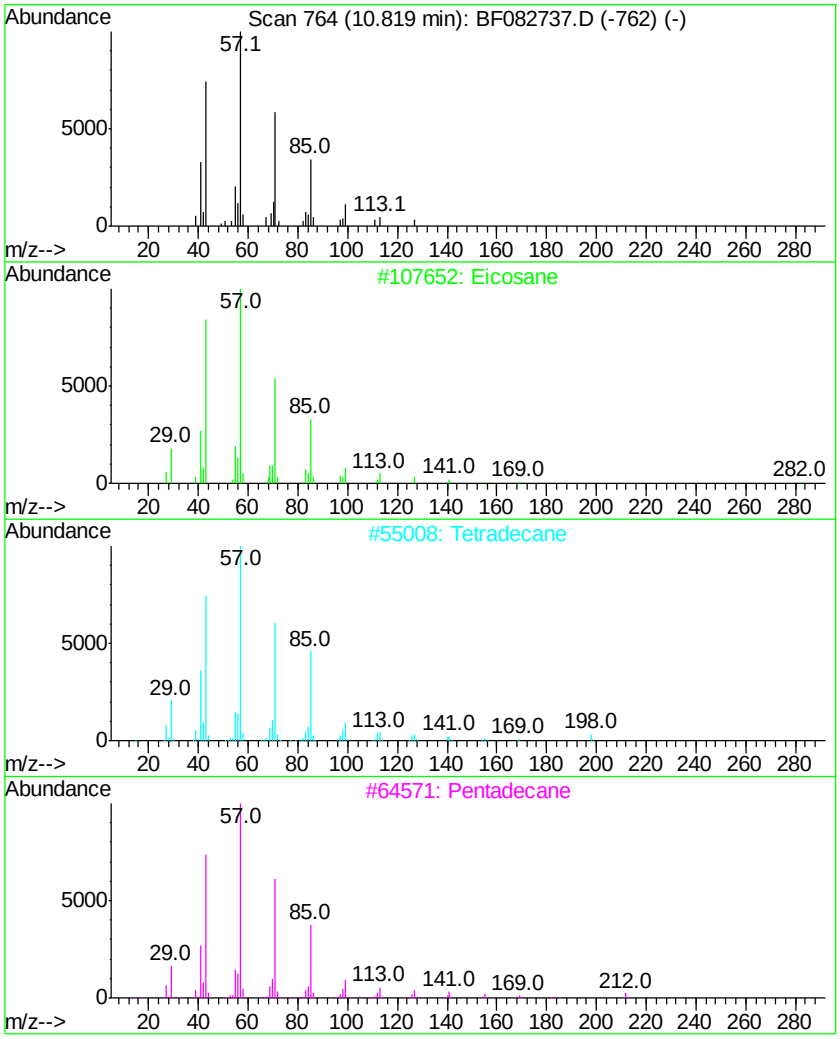
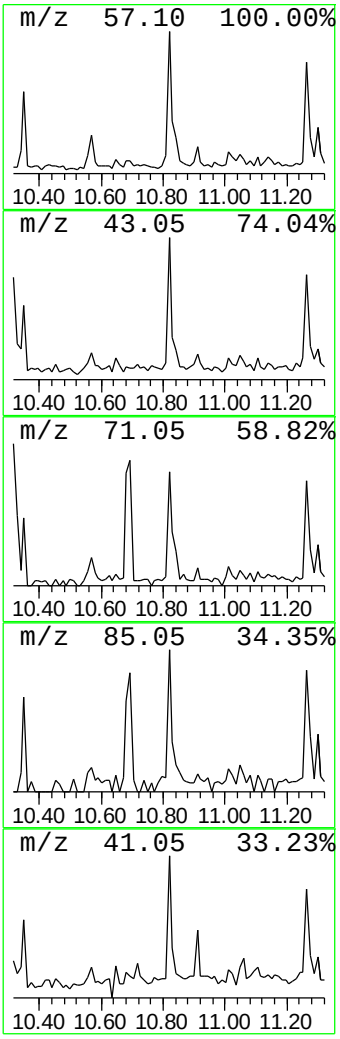
Peak Number 4 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	2.42 ng	68397	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Tetradecane	198	C14H30	000629-59-4	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Hexadecane	226	C16H34	000544-76-3	80
5	Heptadecane	240	C17H36	000629-78-7	78





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Instrument : BNA_F
ClientSampleId : SB-2

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TIC Library : C:\DATABASE\NIST02.L
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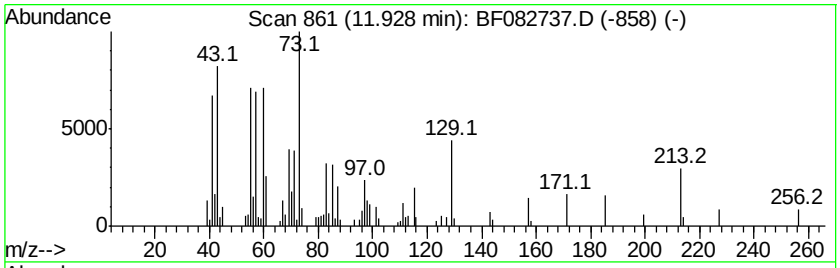
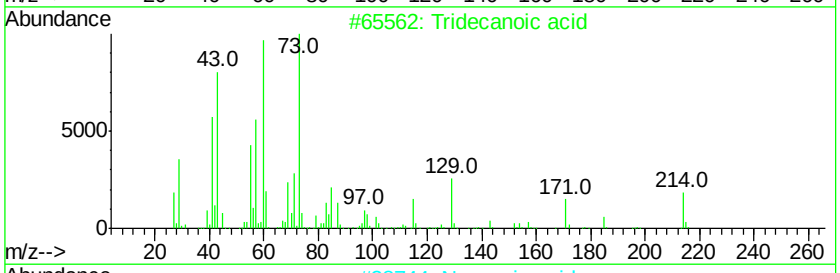
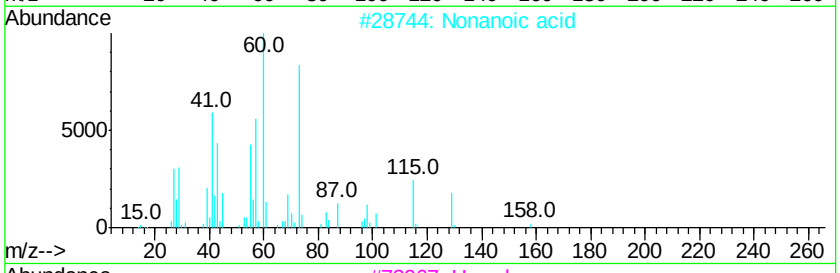
Peak Number 5 Tridecanoic acid Concentration Rank 5

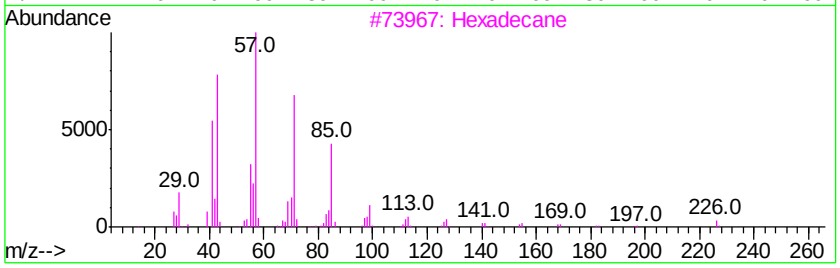
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	6.67 ng	188242	Phenanthrene-d10	11.38

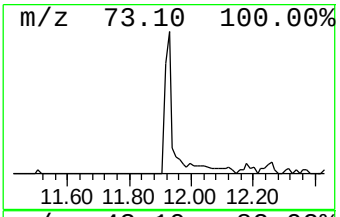
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	76
2	Nonanoic acid	158	C9H18O2	000112-05-0	18
3	Hexadecane	226	C16H34	000544-76-3	11
4	Heptadecane	240	C17H36	000629-78-7	11
5	Tetracosane	338	C24H50	000646-31-1	10

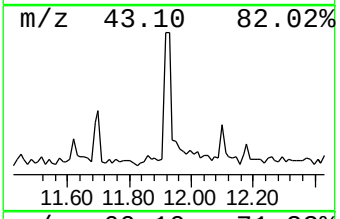


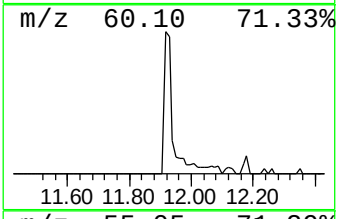


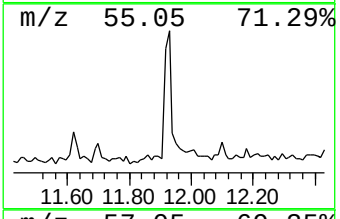


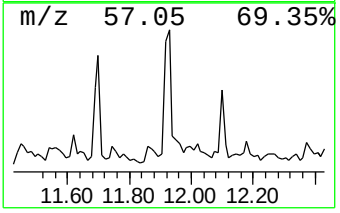












Library Search Compound Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

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

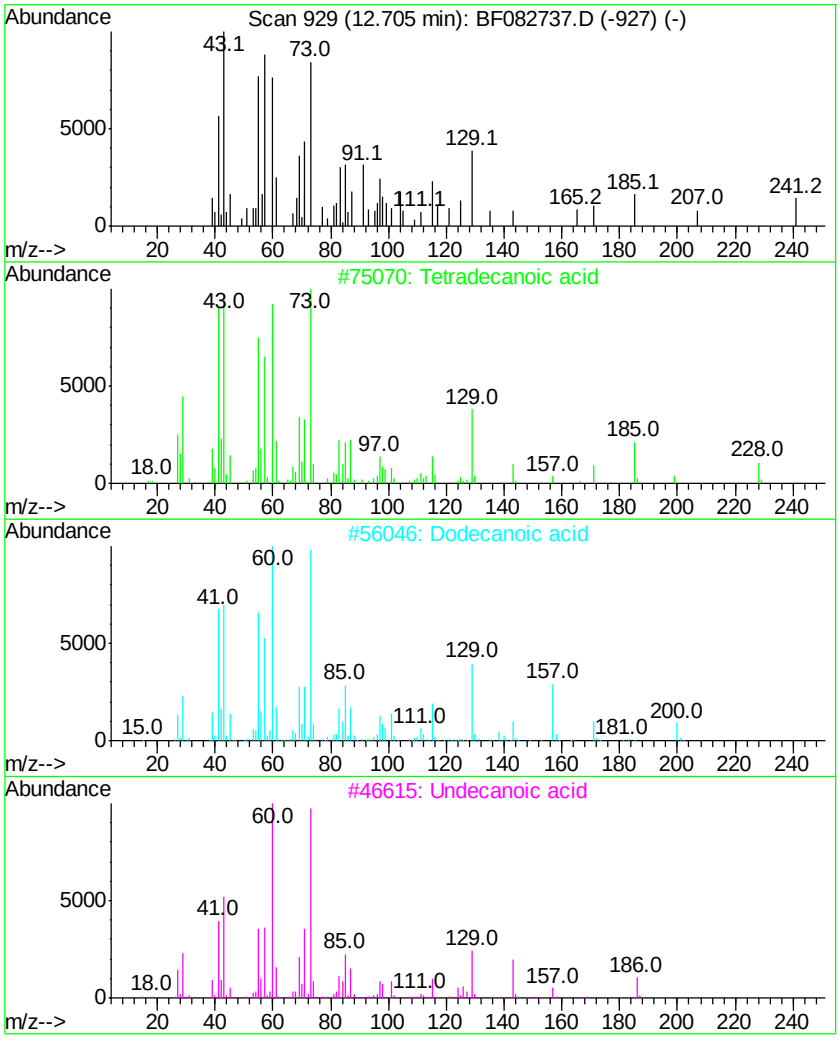
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

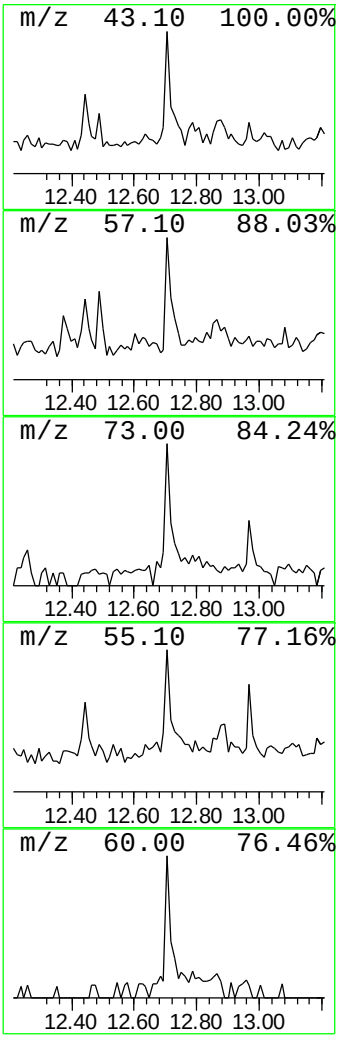
****

Peak Number 6 Tetradecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	2.41 ng	58556	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
2	Dodecanoic acid	200	C12H24O2	000143-07-7	59
3	Undecanoic acid	186	C11H22O2	000112-37-8	59
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





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TIC Library : C:\DATABASE\NIST02.L
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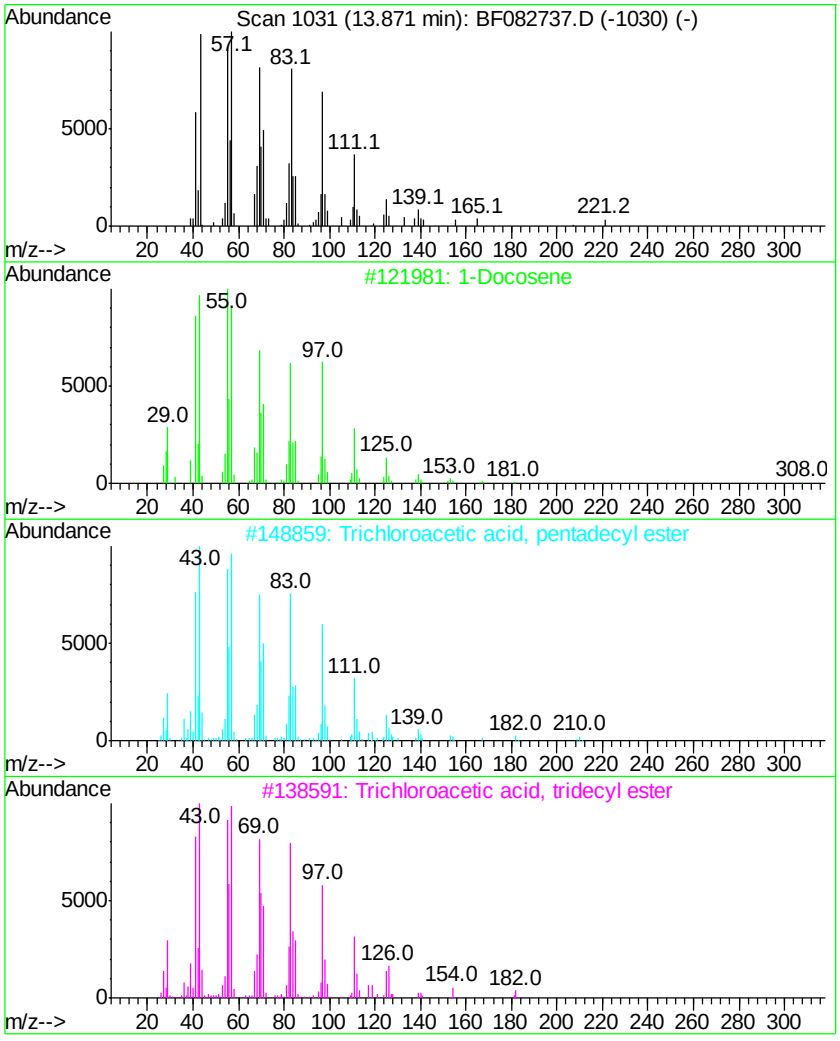
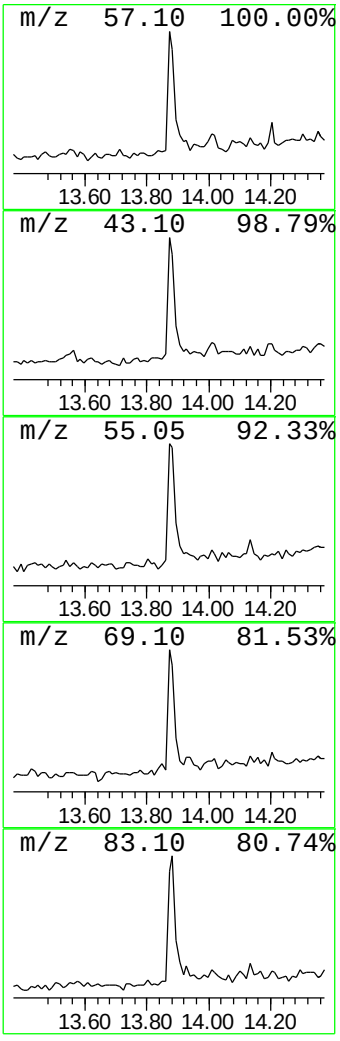
Peak Number 7 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	7.71 ng	187253	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





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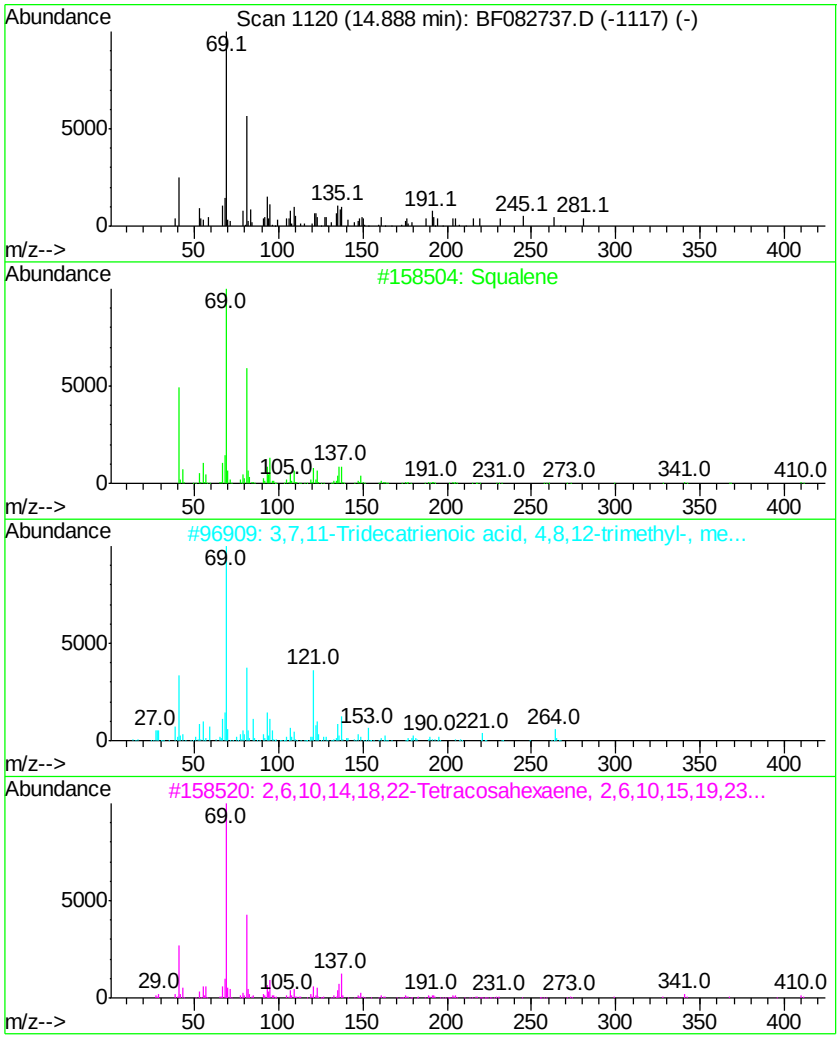
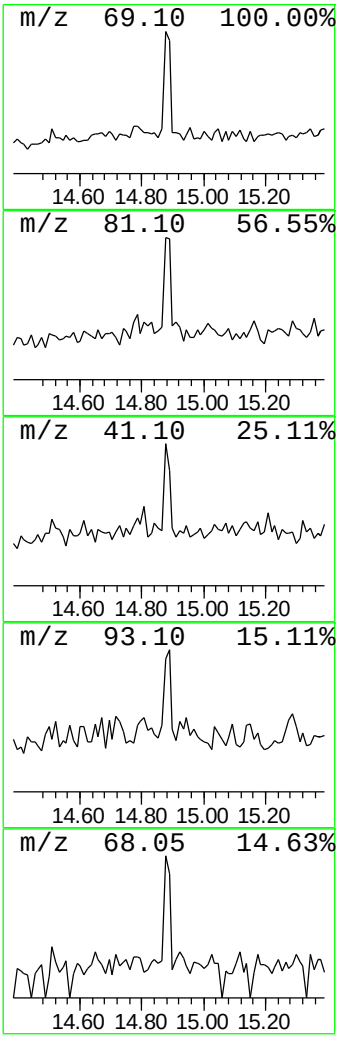
Peak Number 8 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	2.92 ng	58321	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	64
2	3,7,11-Tridecatrienoic acid, 4,8...	264	C17H28O2	036237-69-1	64
3	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	59
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	59
5	4,8,12-Tetradecatrienenitrile, 5...	245	C17H27N	005981-31-7	59





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...	5.04	61.0	ng	1628320	1	6.86	533513	20.0
unknown6.64	6.64	147.3	ng	3927850	1	6.86	533513	20.0
Eicosane	10.82	2.4	ng	68397	4	11.38	564291	20.0
Tridecanoic acid	11.93	6.7	ng	188242	4	11.38	564291	20.0
Tetradecanoic acid	12.71	2.4	ng	58556	5	14.02	485858	20.0
1-Docosene	13.87	7.7	ng	187253	5	14.02	485858	20.0
Squalene	14.89	2.9	ng	58321	6	15.45	399668	20.0