LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
Data File : BF082643.D
Acq On : 2 Nov 2015 21:03
Operator : UM/IZ
Sample : G4238-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-18C

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	5.081	258	262	268	rBV	2141789	3073847	45.27%	5.651%
2	5.493	295	298	301	rBV	4385923	6365039	93.75%	11.702%
3	6.522	384	388	390	rBV	6076656	6789621	100.00%	12.482%
4	6.659	397	400	402	rBV	6745124	6670742	98.25%	12.264%
5	6.887	418	420	422	rBV	1518108	1217404	17.93%	2.238%
6	7.047	431	434	436	rBV	5379493	4743126	69.86%	8.720%
7	7.447	466	469	472	rBV	3434977	3611521	53.19%	6.640%
8	8.179	530	533	535	rBV	1198444	1464921	21.58%	2.693%
9	9.253	624	627	630	rBV	5254791	5453107	80.32%	10.025%
10	9.642	659	661	663	rBV	634875	869723	12.81%	1.599%
11	9.928	684	686	689	rBV	1242603	1432170	21.09%	2.633%
12	10.716	752	755	758	rBV	3876683	3806966	56.07%	6.999%
13	10.853	765	767	772	rBV	49200	93780	1.38%	0.172%
14	11.299	801	806	807	rBV	86757	85235	1.26%	0.157%
15	11.413	814	816	818	rBV	1633386	1359362	20.02%	2.499%
16	11.653	835	837	842	rBV	163561	190891	2.81%	0.351%
17	11.951	861	863	865	rBV	307757	284108	4.18%	0.522%
18	12.214	884	886	888	rVB	286708	265758	3.91%	0.489%
19	12.739	930	932	937	rBV	147542	167300	2.46%	0.308%
20	13.002	953	955	958	rVB	3901558	4106155	60.48%	7.549%
21	13.917	1032	1035	1038	rBV3	96779	160507	2.36%	0.295%
22	14.054	1044	1047	1049	rBV	1319646	1172085	17.26%	2.155%
23	14.557	1089	1091	1094	rBV	46821	77525	1.14%	0.143%
24	15.505	1171	1174	1177	rBV	760512	932418	13.73%	1.714%

Sum of corrected areas: 54393311

LSC Report - Integrated Chromatogram

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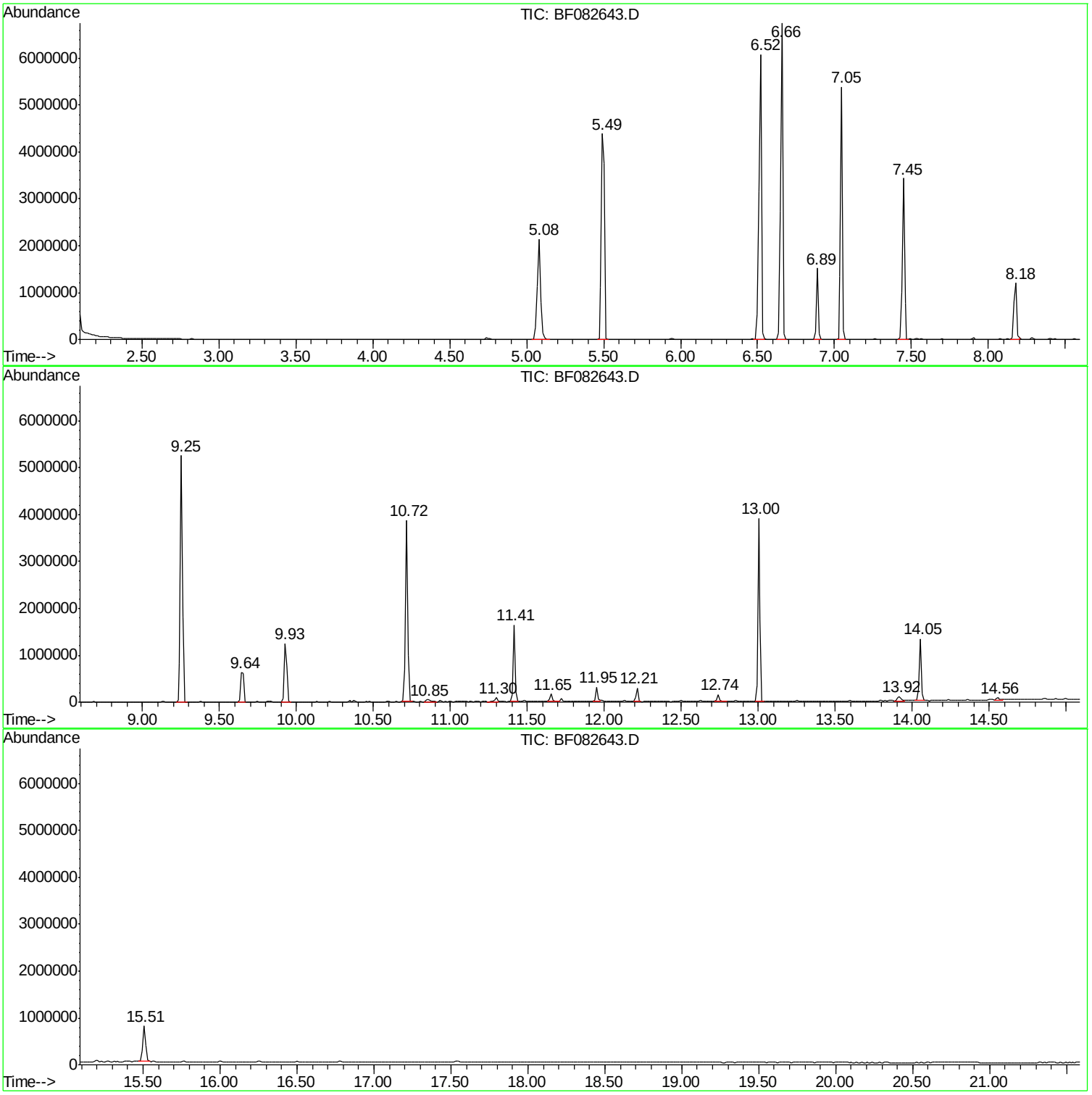
Operator : UM/IZ
Sample : G4238-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-18C

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
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Operator : UM/IZ
Sample : G4238-02
Misc :
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Instrument : BNA_F
ClientSampleId : T-18C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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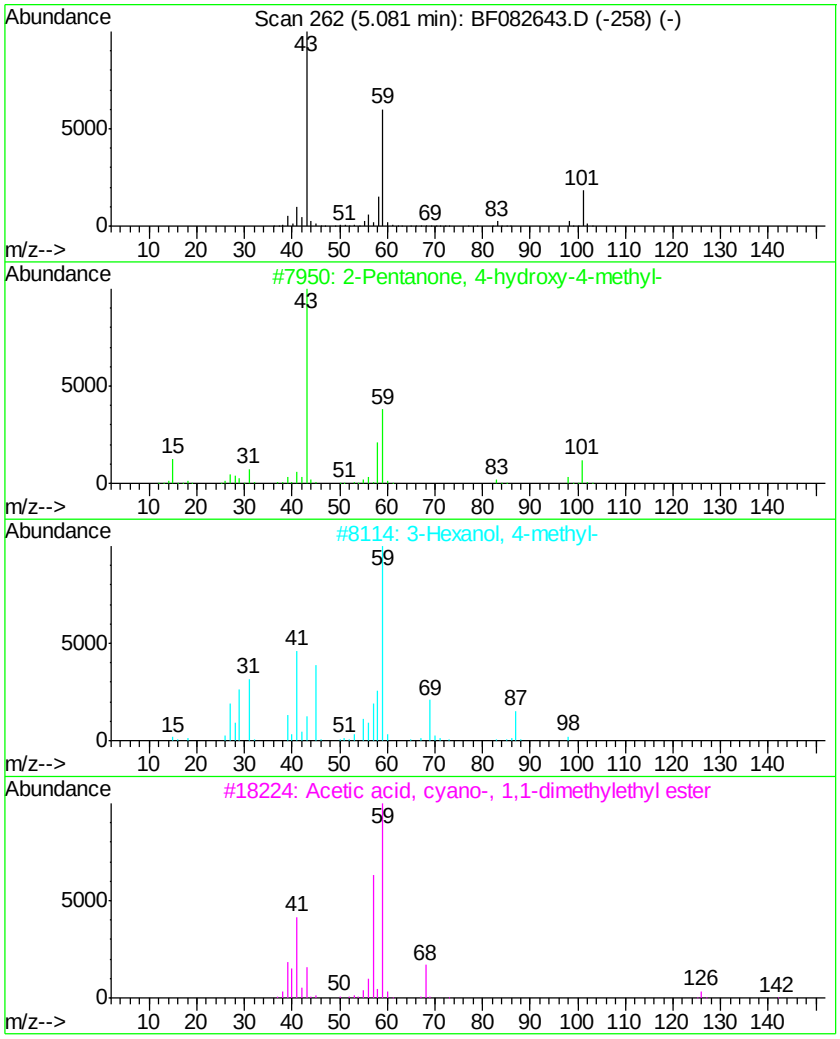
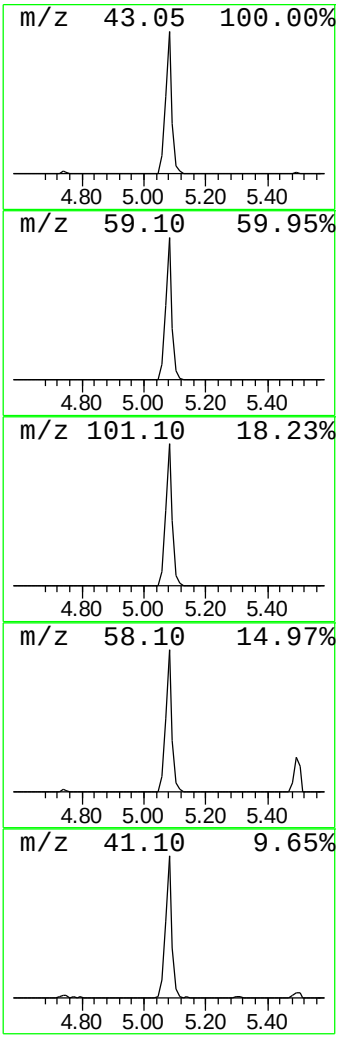
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	50.50 ng	3073850	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
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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Operator : UM/IZ
Sample : G4238-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-18C

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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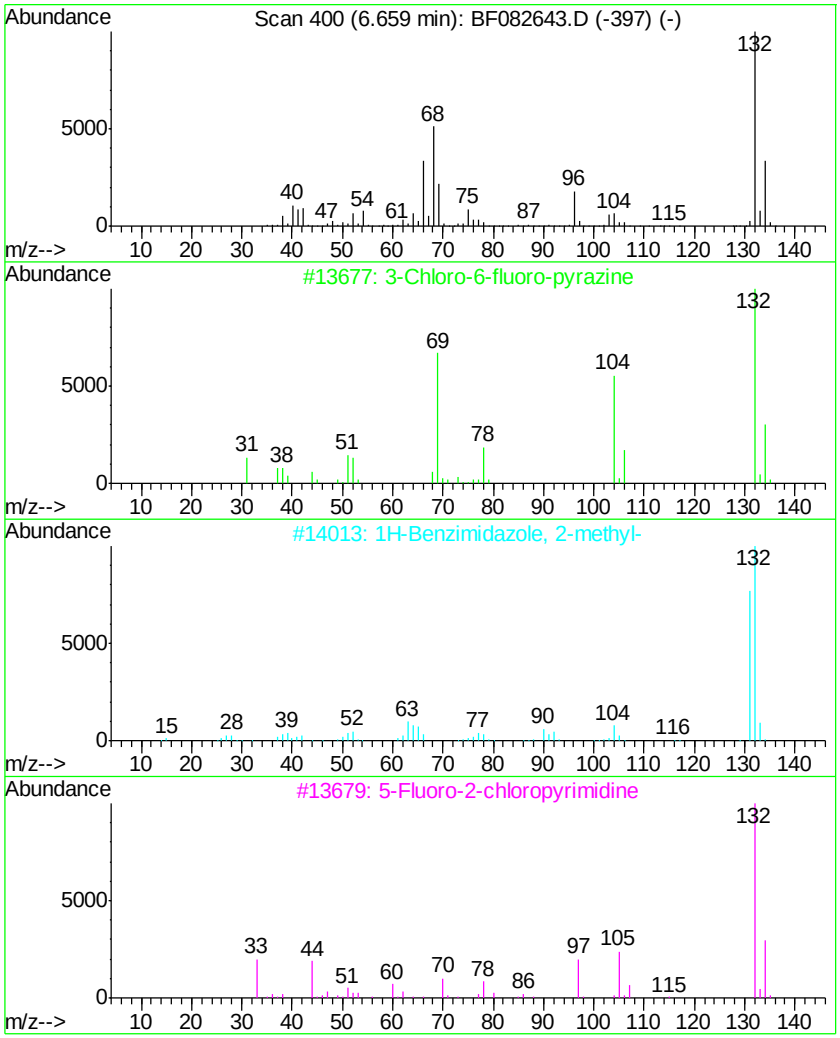
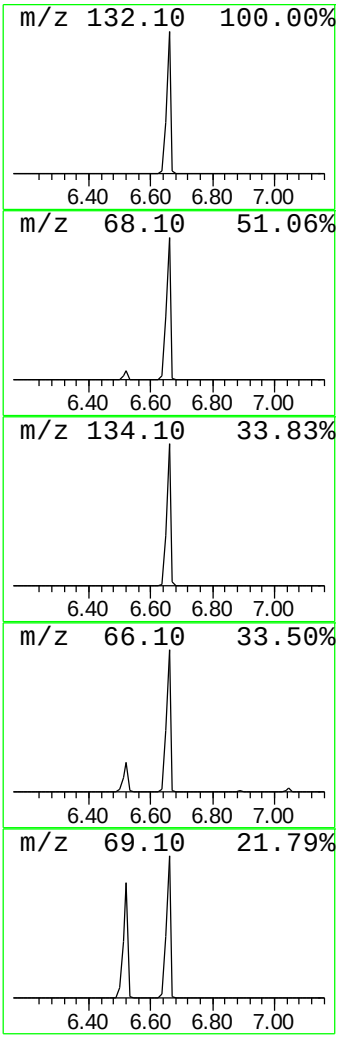
Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	109.59 ng	6670740	1,4-Dichlorobenzene-d4	6.89

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	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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Operator : UM/IZ
Sample : G4238-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-18C

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
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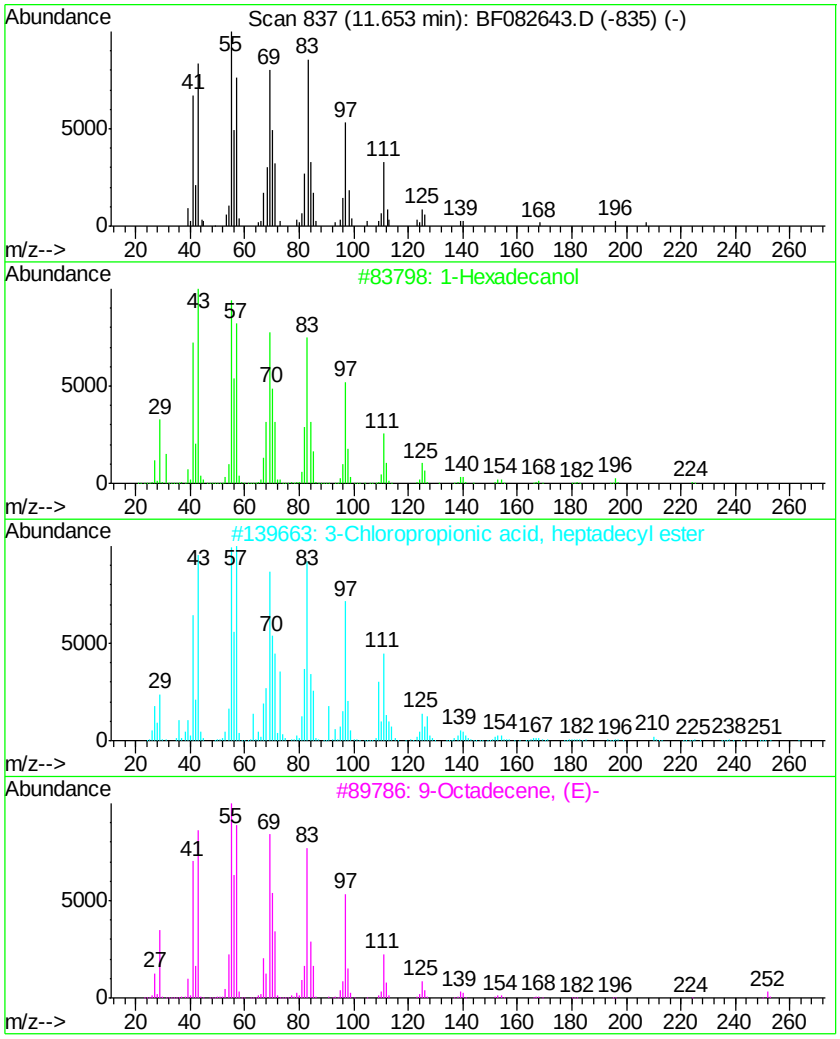
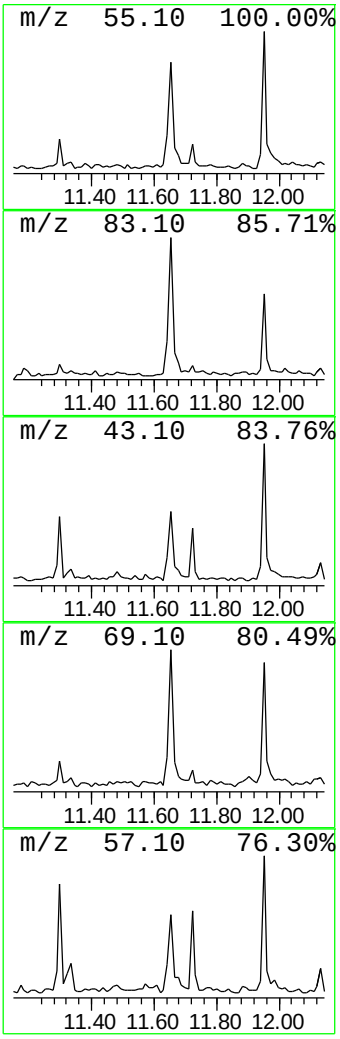
Peak Number 4 1-Hexadecanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	2.81 ng	190891	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	95
2	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5	Cyclotetradecane	196	C14H28	000295-17-0	91





Library Search Compound Report

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Sample : G4238-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-18C

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
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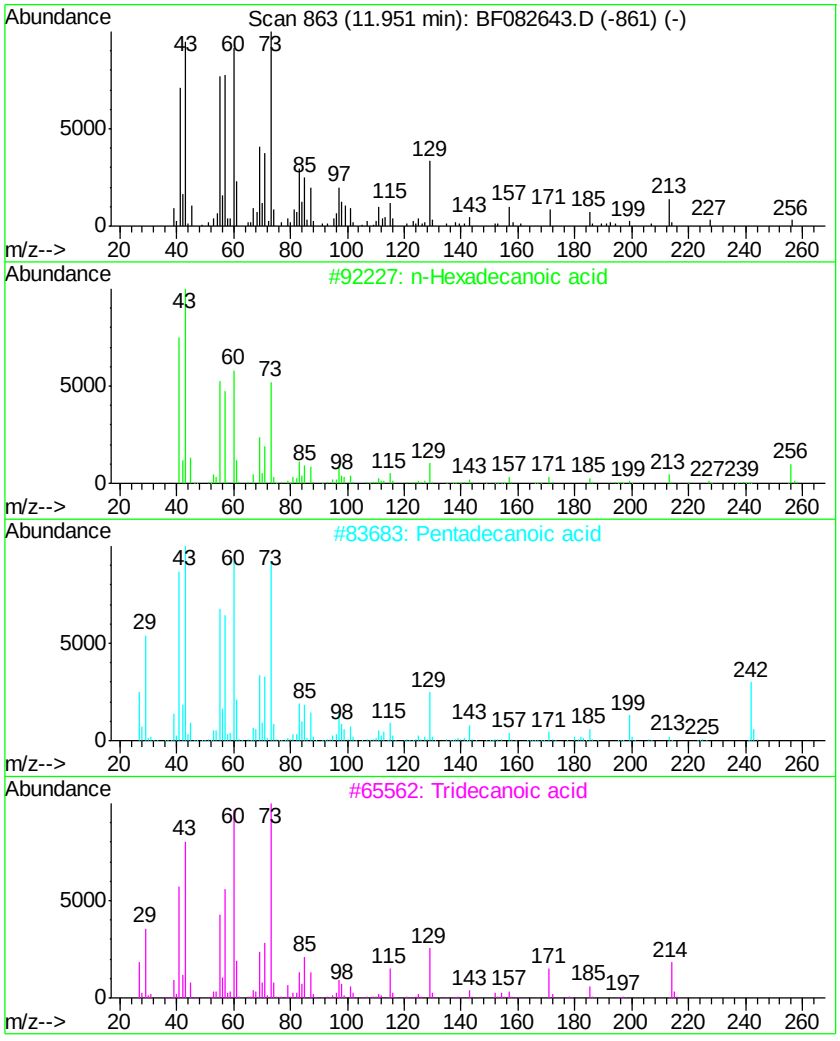
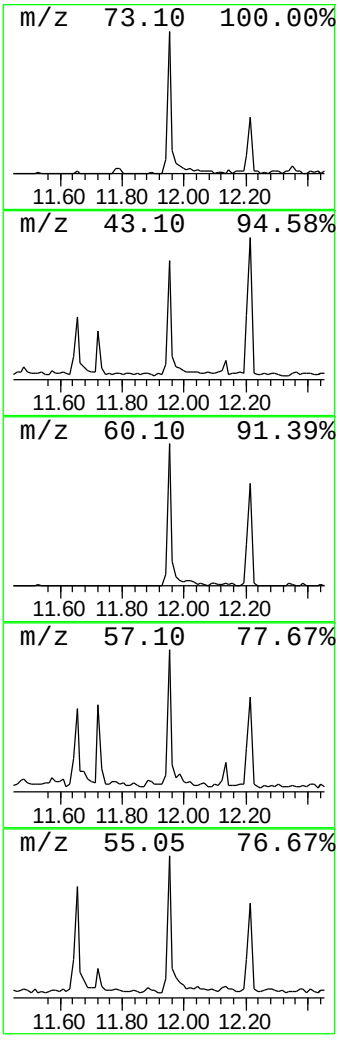
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	4.18 ng	284108	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Methyl-.alpha.-d-ribofuranoside	164	C6H12O5	1000129-83-1	38





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Sample : G4238-02
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Instrument : BNA_F
ClientSampleId : T-18C

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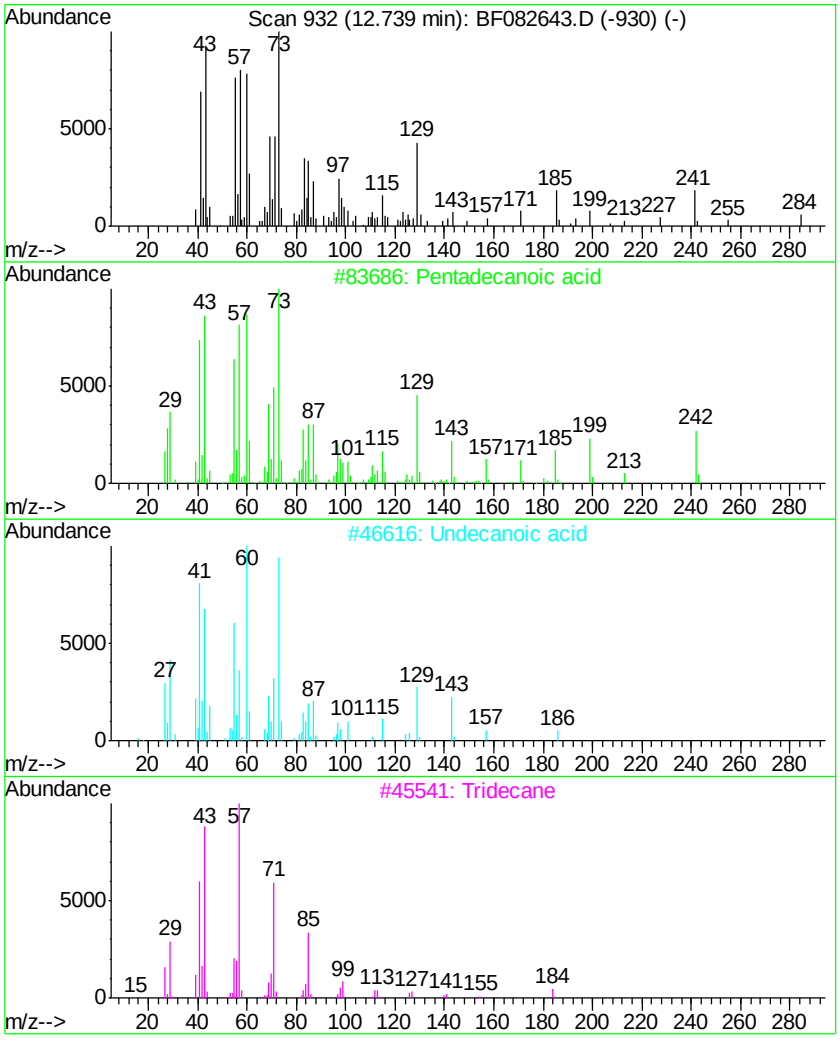
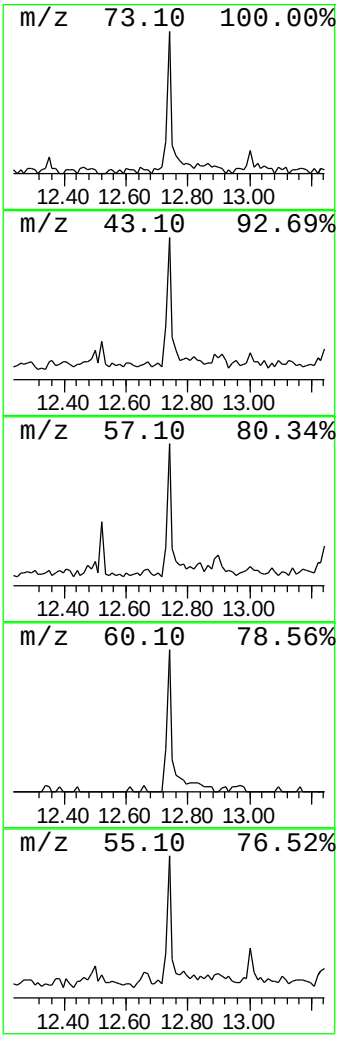
Peak Number 7 Pentadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	2.85 ng	167300	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
2	Undecanoic acid	186	C11H22O2	000112-37-8	46
3	Tridecane	184	C13H28	000629-50-5	11
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	11
5	Dodecane	170	C12H26	000112-40-3	11





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Sample : G4238-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-18C

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TIC Library : C:\DATABASE\NIST02.L
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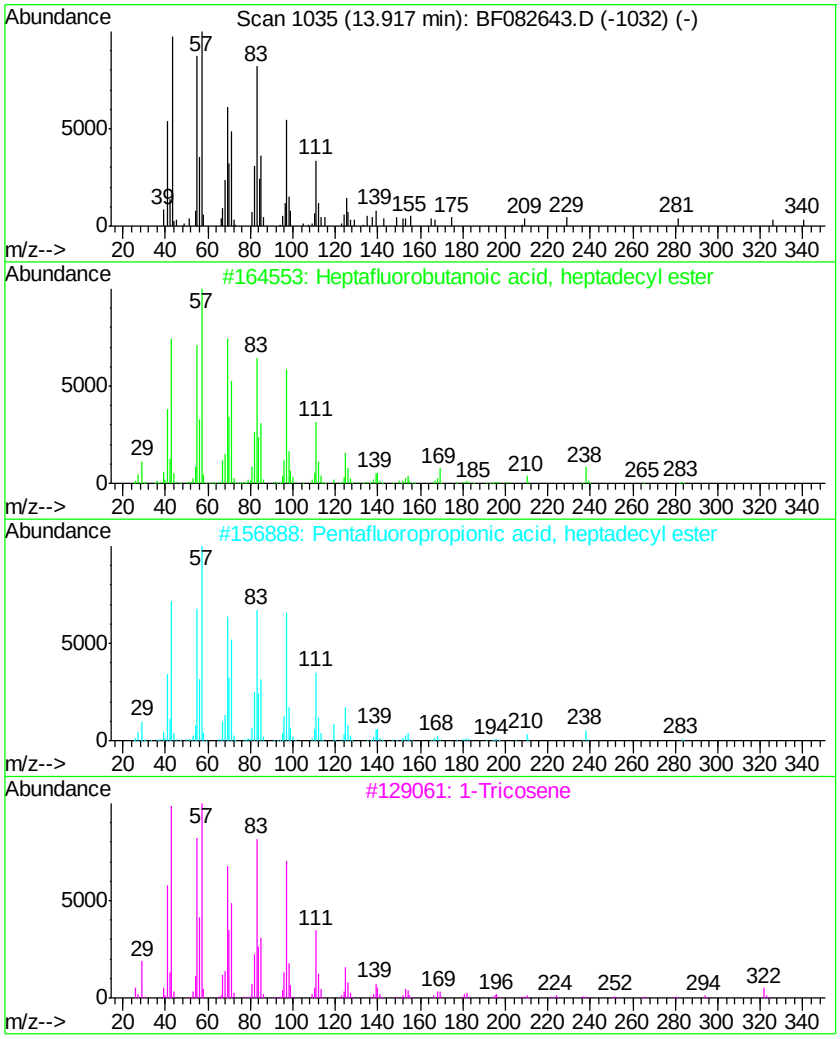
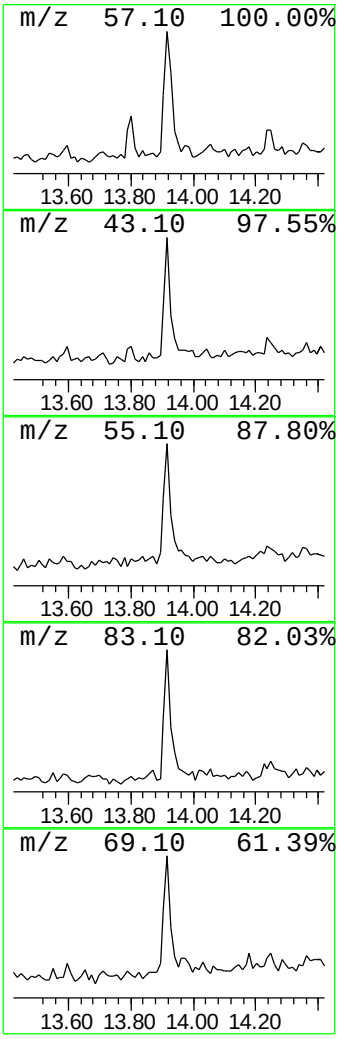
Peak Number 8 Heptafluorobutanoic acid, h... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	2.74 ng	160507	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
3	1-Tricosene	322	C23H46	018835-32-0	91
4	Cyclotetracosane	336	C24H48	000297-03-0	91
5	1-Tetracosanol	354	C24H50O	000506-51-4	91





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...	5.08	50.5	ng	3073850	1	6.89	1217400	20.0
unknown6.66	6.66	109.6	ng	6670740	1	6.89	1217400	20.0
1-Hexadecanol	11.65	2.8	ng	190891	4	11.41	1359360	20.0
n-Hexadecanoic acid	11.95	4.2	ng	284108	4	11.41	1359360	20.0
Pentadecanoic acid	12.74	2.9	ng	167300	5	14.05	1172090	20.0
Heptafluorobutano...	13.92	2.7	ng	160507	5	14.05	1172090	20.0