LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
Data File : BF082646.D
Acq On : 2 Nov 2015 22:31
Operator : UM/IZ
Sample : G4238-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-16C

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	271	rVB	2371509	3458639	48.48%	5.769%
2	5.493	295	298	301	rBV	4963836	6669449	93.49%	11.125%
3	6.522	385	388	390	rBV	6213636	6905567	96.80%	11.519%
4	6.659	397	400	402	rBV	7192473	7133488	100.00%	11.899%
5	6.887	418	420	422	rVB	1665217	1343517	18.83%	2.241%
6	7.047	431	434	436	rBV	5816648	5208439	73.01%	8.688%
7	7.447	466	469	472	rBV	3410614	4092655	57.37%	6.827%
8	8.179	530	533	535	rBV	1273636	1582355	22.18%	2.639%
9	9.253	624	627	630	rBV	5861928	6116293	85.74%	10.202%
10	9.642	659	661	663	rBV	782895	950633	13.33%	1.586%
11	9.928	684	686	688	rBV2	1489874	1635404	22.93%	2.728%
12	9.962	688	689	693	rVB2	99856	140825	1.97%	0.235%
13	10.716	752	755	758	rBV	4176884	4223419	59.21%	7.045%
14	10.853	765	767	771	rBV	64023	117741	1.65%	0.196%
15	11.299	804	806	807	rBV	112031	100714	1.41%	0.168%
16	11.414	814	816	818	rBV	1793107	1482934	20.79%	2.474%
17	11.654	834	837	842	rBV	319688	383832	5.38%	0.640%
18	11.951	861	863	865	rBV	271208	268953	3.77%	0.449%
19	12.214	883	886	888	rBV	495241	504227	7.07%	0.841%
20	12.739	930	932	935	rBV	78115	93536	1.31%	0.156%
21	13.002	953	955	958	rBV	4125849	4676188	65.55%	7.800%
22	13.254	969	977	979	rBV2	53766	91074	1.28%	0.152%
23	13.917	1031	1035	1044	rVB	164248	316808	4.44%	0.528%
24	14.054	1044	1047	1049	rBV	1455696	1295685	18.16%	2.161%
25	14.545	1088	1090	1097	rBV2	48317	103234	1.45%	0.172%
26	15.494	1170	1173	1176	rBV	794298	1056333	14.81%	1.762%

Sum of corrected areas: 59951942

LSC Report - Integrated Chromatogram

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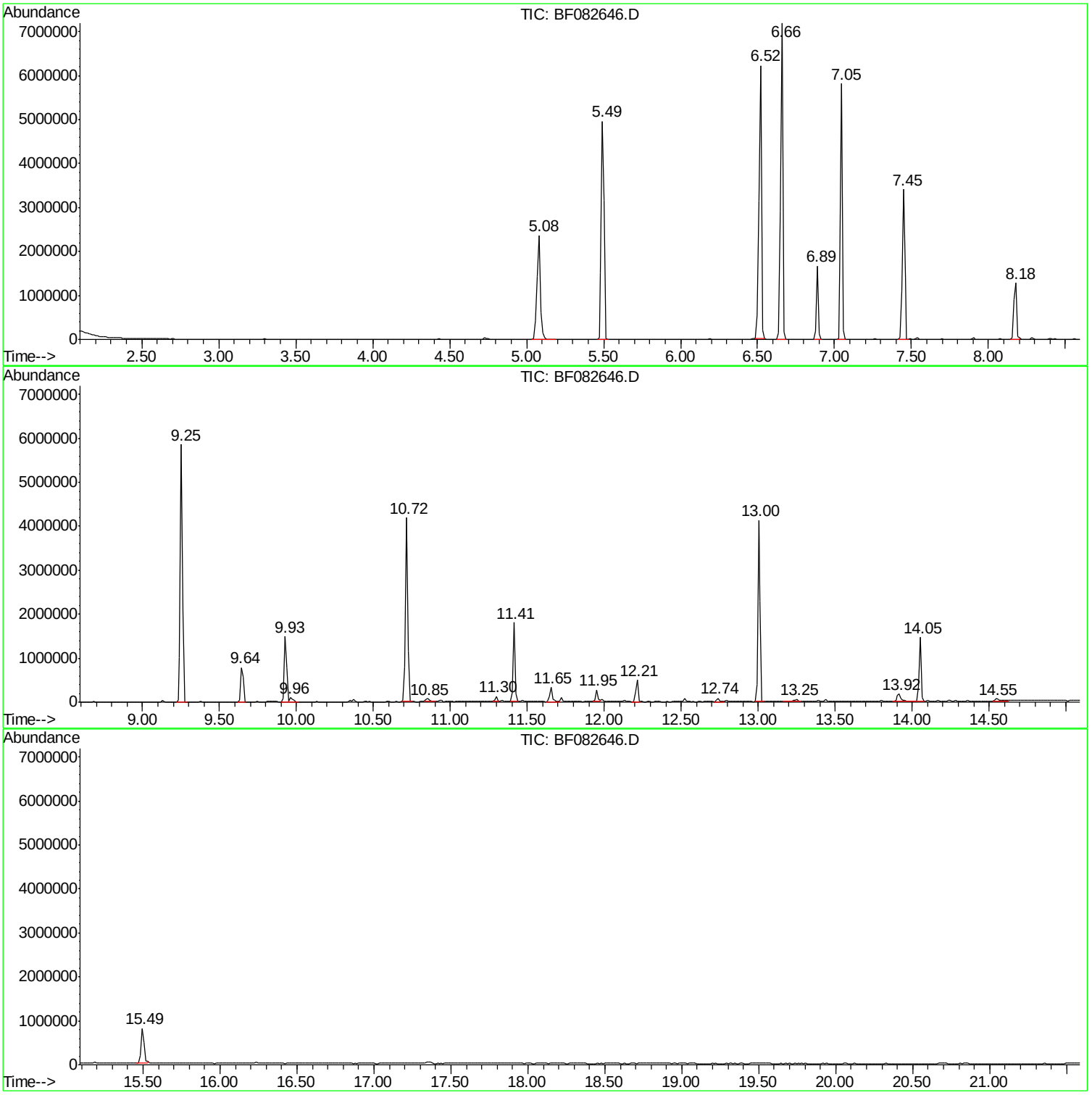
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-16C

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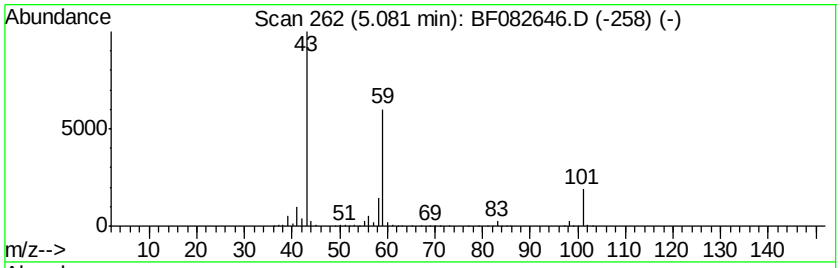
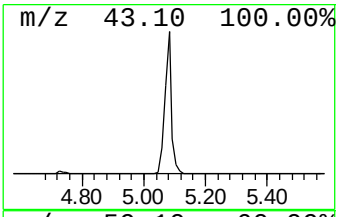
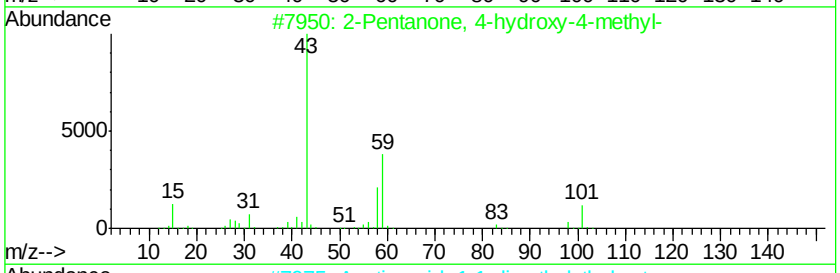
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

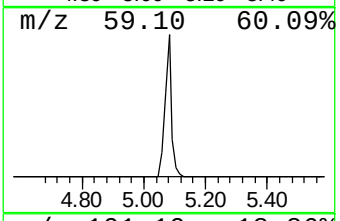
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	51.49 ng	3458640	1,4-Dichlorobenzene-d4	6.89

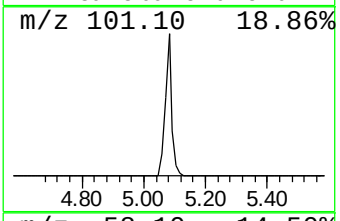
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9

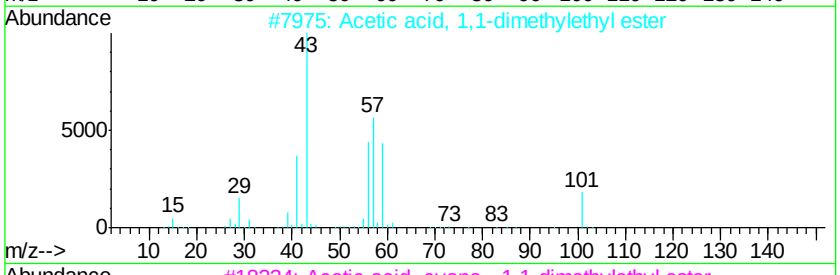


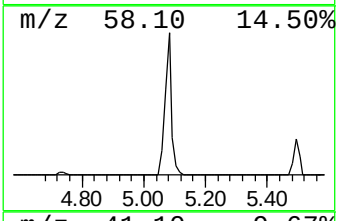


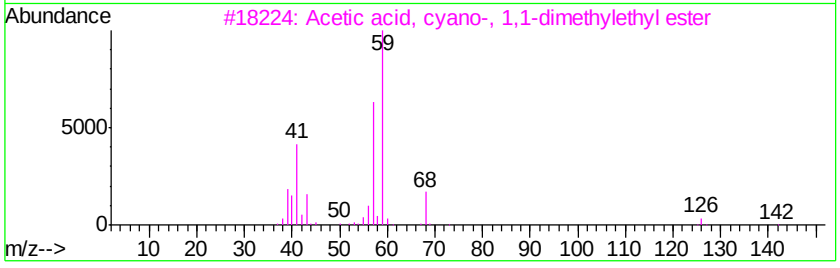


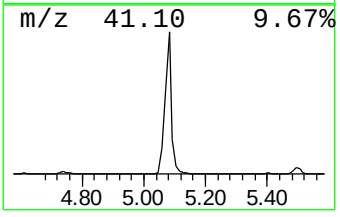












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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-16C

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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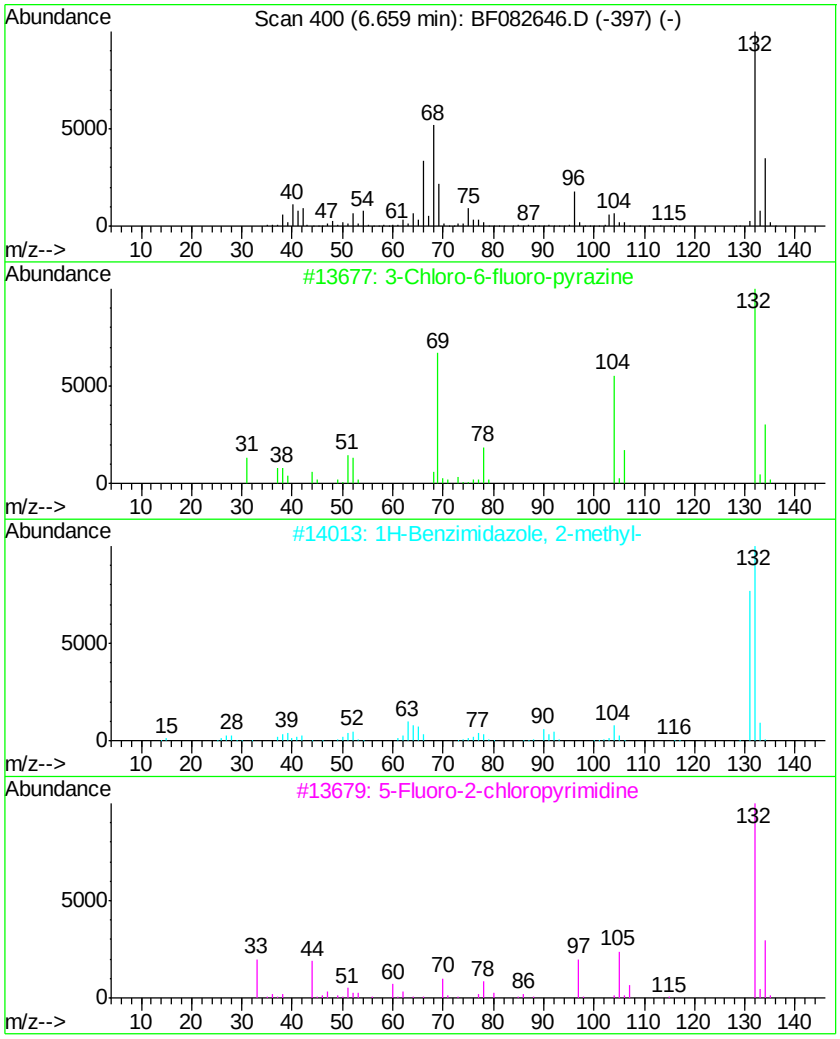
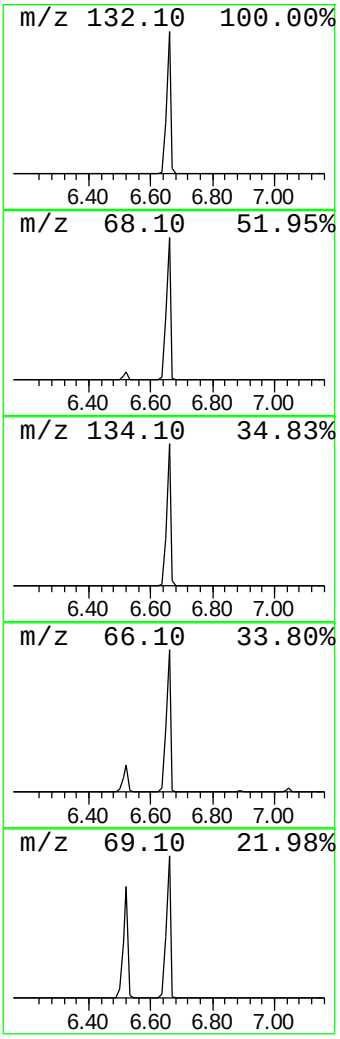
Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	106.19 ng	7133490	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	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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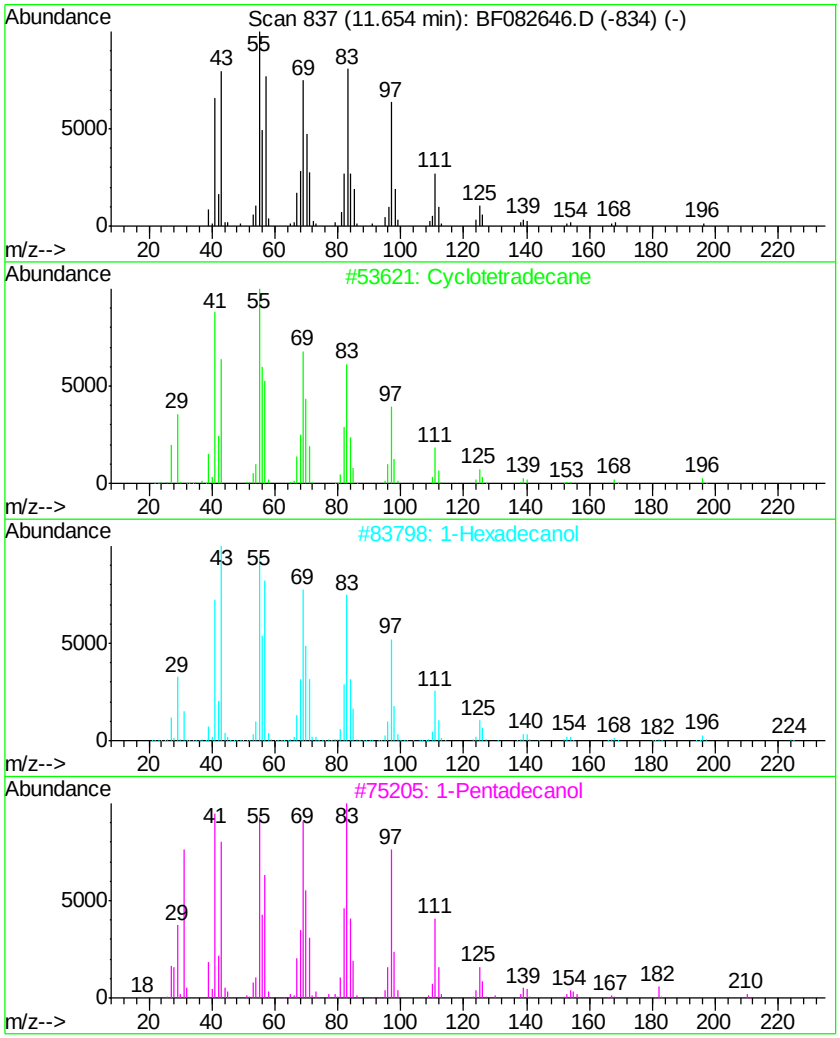
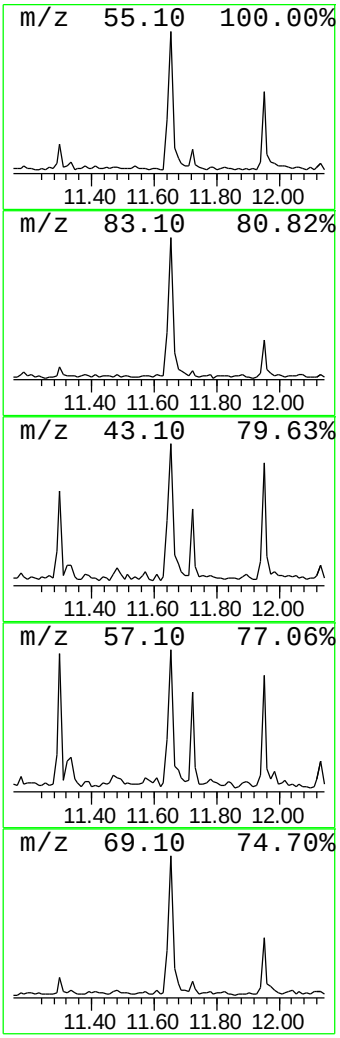
Peak Number 4 Cyclotetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	5.18 ng	383832	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	94
2	1-Hexadecanol	242	C16H34O	036653-82-4	94
3	1-Pentadecanol	228	C15H32O	000629-76-5	91
4	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
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Operator : UM/IZ
Sample : G4238-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-16C

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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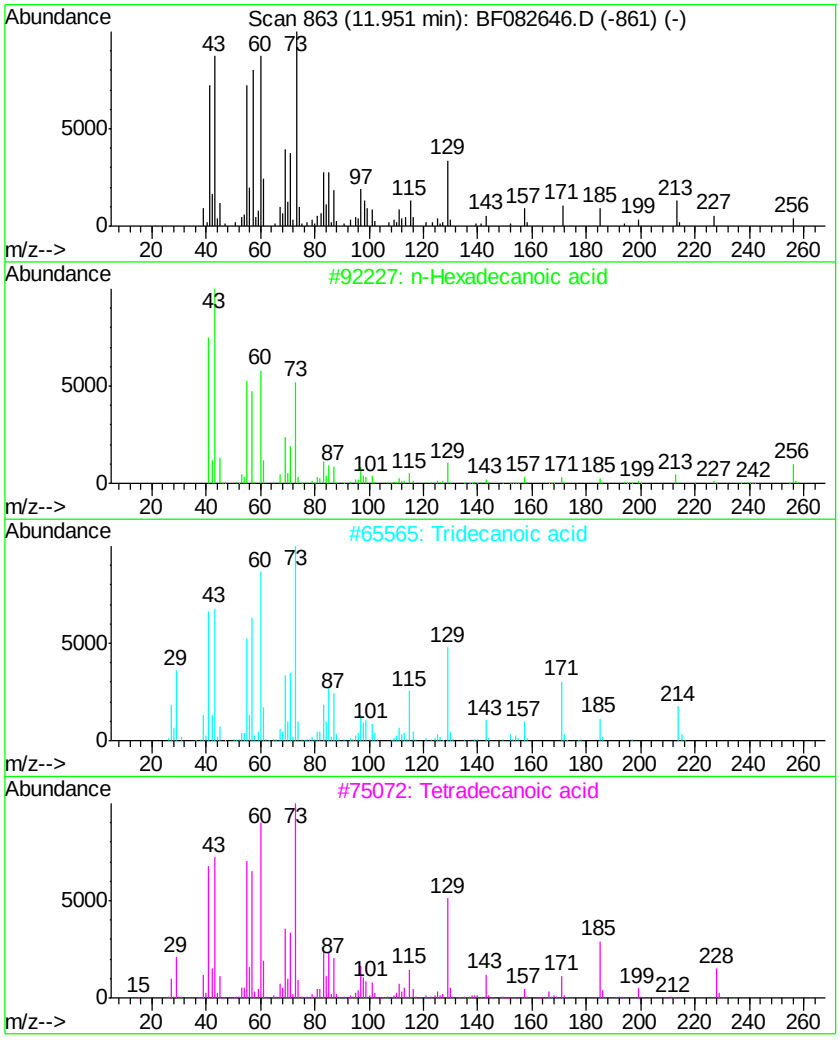
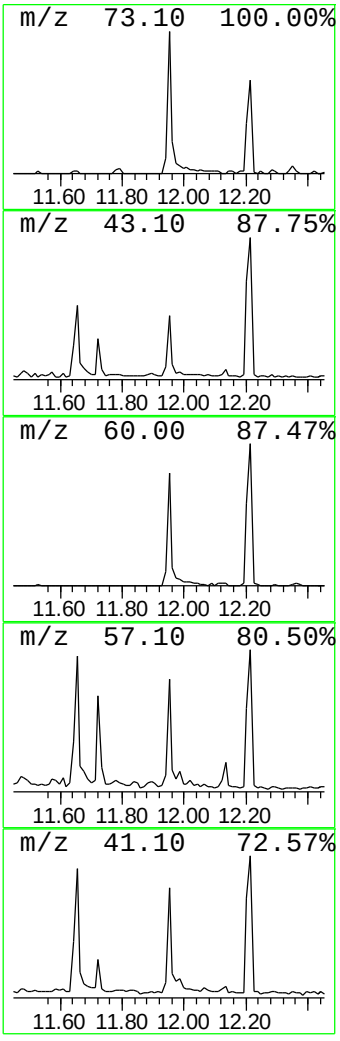
Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	3.63 ng	268953	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





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Instrument : BNA_F
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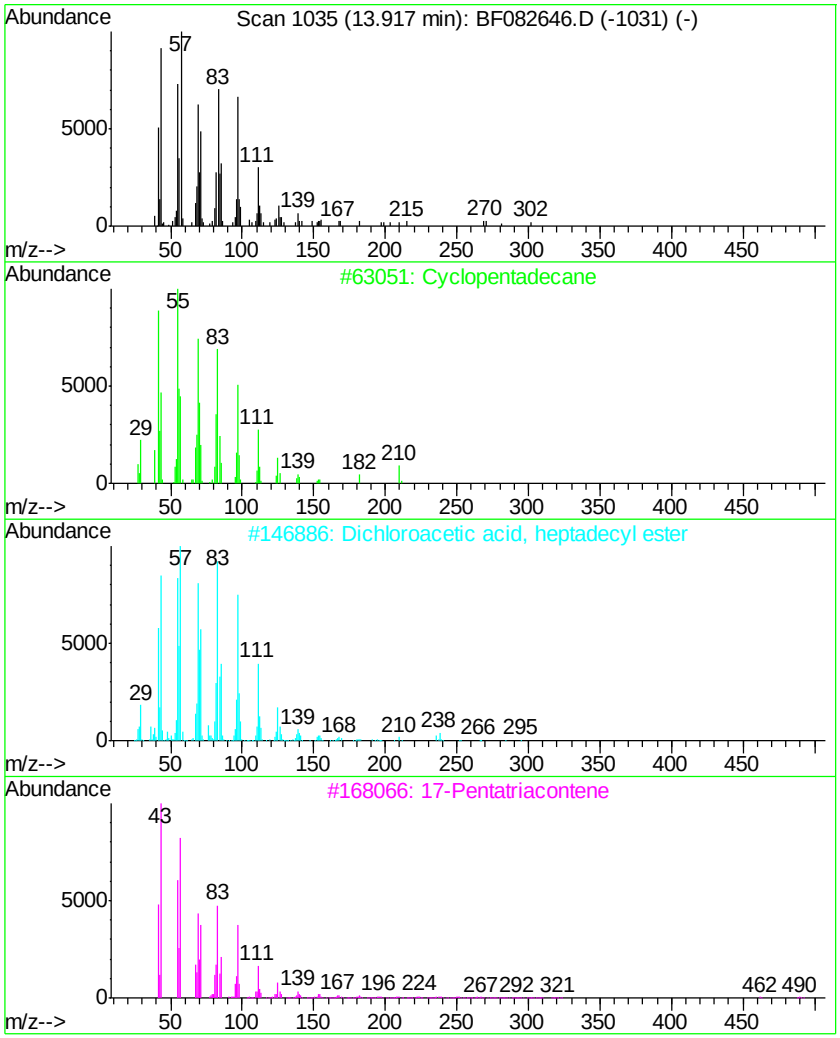
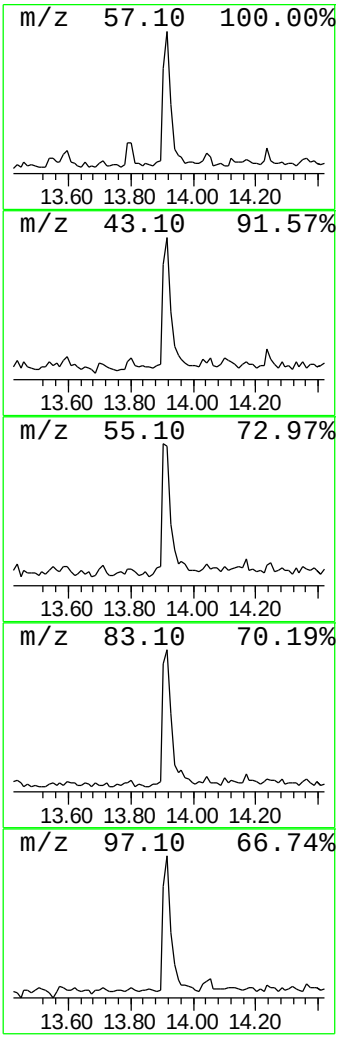
Peak Number 7 Cyclopentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	4.89 ng	316808	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	92
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	90
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	90
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	87





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...	5.08	51.5	ng	3458640	1	6.89	1343520	20.0
unknown6.66	6.66	106.2	ng	7133490	1	6.89	1343520	20.0
Cyclotetradecane	11.65	5.2	ng	383832	4	11.41	1482930	20.0
n-Hexadecanoic acid	11.95	3.6	ng	268953	4	11.41	1482930	20.0
Cyclopentadecane	13.92	4.9	ng	316808	5	14.05	1295690	20.0