LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\
Data File : BF082726.D
Acq On : 5 Nov 2015 13:40
Operator : UM/IZ
Sample : G4241-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(2-4)

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	5.047	255	259	268	rVB	1432653	2064418	46.47%	4.601%
2	5.470	293	296	298	rBV	3636582	4312162	97.06%	9.611%
3	6.499	383	386	388	rVB	2999986	4442930	100.00%	9.902%
4	6.624	395	397	400	rBV	3368540	4012961	90.32%	8.944%
5	6.864	415	418	420	rBV	1075145	1058731	23.83%	2.360%
6	7.024	429	432	434	rBV	2244262	2978196	67.03%	6.638%
7	7.425	464	467	469	rBV	2810531	2953258	66.47%	6.582%
8	8.145	528	530	533	rBV	1459729	1343759	30.24%	2.995%
9	9.105	611	614	616	rBV	67198	60678	1.37%	0.135%
10	9.230	622	625	627	rBV	3805184	4360742	98.15%	9.719%
11	9.619	656	659	661	rBV	901858	766373	17.25%	1.708%
12	9.905	681	684	686	rBV	1556786	1676094	37.72%	3.736%
13	10.259	706	715	718	rBV	44104	265153	5.97%	0.591%
14	10.316	718	720	721	rVV	81464	95548	2.15%	0.213%
15	10.339	721	722	724	rVB	58733	78029	1.76%	0.174%
16	10.682	750	752	755	rBV2	2699705	3360019	75.63%	7.489%
17	10.819	762	764	769	rVB	104333	131855	2.97%	0.294%
18	11.265	801	803	805	rBV	104198	81434	1.83%	0.182%
19	11.379	811	813	816	rVB	1724559	1641585	36.95%	3.659%
20	11.688	839	840	843	rVB	48067	53853	1.21%	0.120%
21	11.916	858	860	863	rBV	209116	324669	7.31%	0.724%
22	12.705	927	929	931	rBV	91653	90334	2.03%	0.201%
23	12.796	935	937	941	rVB3	60525	91805	2.07%	0.205%
24	12.968	950	952	955	rVB	3919566	4301864	96.82%	9.588%
25	13.505	997	999	1002	rBV2	52309	59855	1.35%	0.133%
26	13.871	1029	1031	1040	rVB	416296	640466	14.42%	1.427%
27	14.019	1042	1044	1047	rBV	1760424	1827959	41.14%	4.074%
28	14.534	1086	1089	1091	rBV	62894	76026	1.71%	0.169%
29	14.842	1111	1116	1119	rBV3	28090	59514	1.34%	0.133%
30	15.174	1143	1145	1150	rBV2	27966	56031	1.26%	0.125%
31	15.482	1169	1172	1175	rBV	1170462	1418487	31.93%	3.162%
32	16.008	1216	1218	1222	rVV2	53707	90474	2.04%	0.202%
33	19.449	1514	1519	1528	rVB4	12023	45572	1.03%	0.102%
34	20.580	1613	1618	1625	rBV6	10764	45923	1.03%	0.102%

LSC Area Percent Report

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Operator : UM/IZ
Sample : G4241-13
Misc :
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Instrument :
BNA_F
ClientSampleId :
SB-10(2-4)

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

Sum of corrected areas: 44866757

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\
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Acq On : 5 Nov 2015 13:40
Operator : UM/IZ
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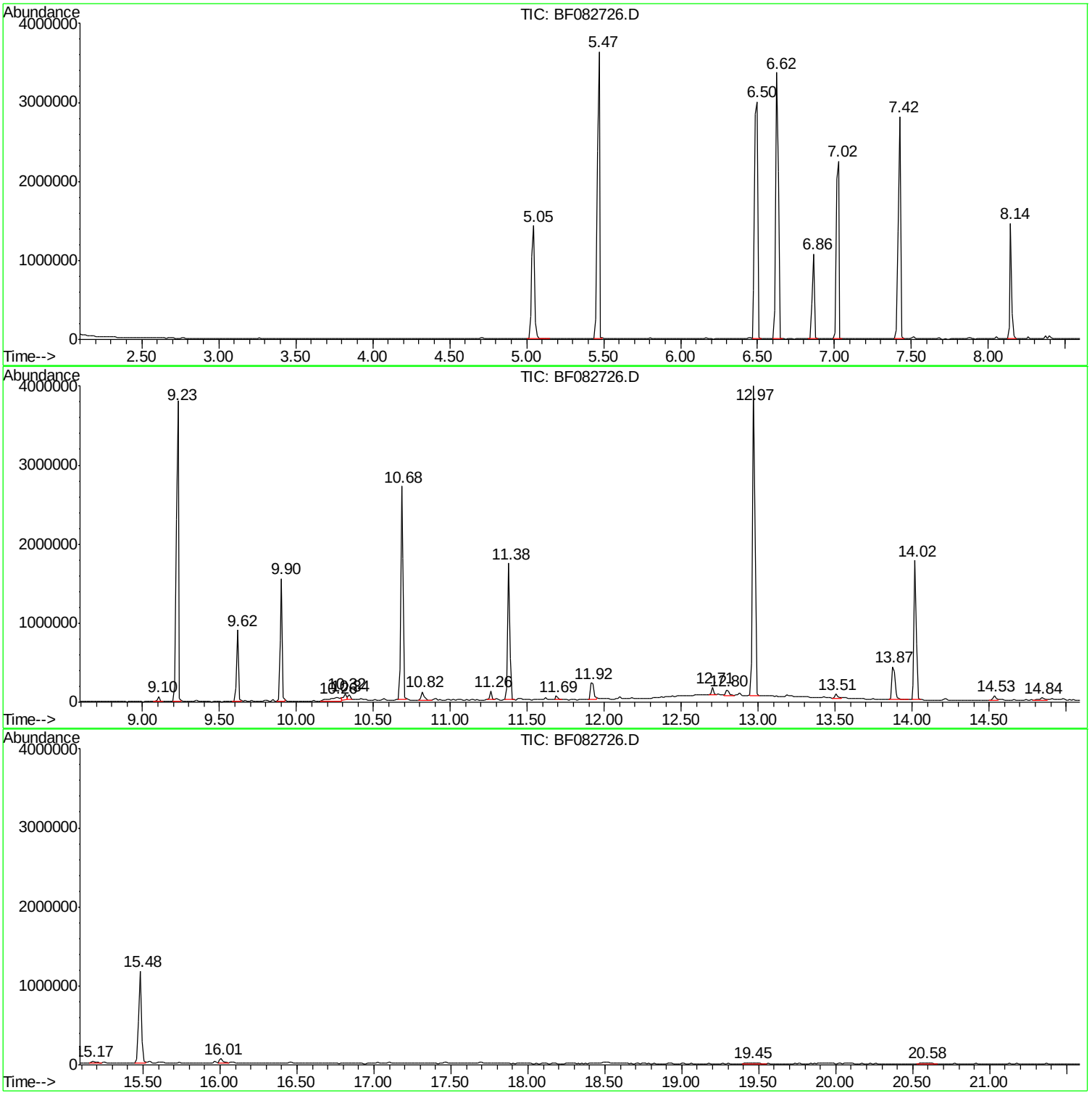
Instrument :
BNA_F
ClientSampleId :
SB-10(2-4)

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

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Sample : G4241-13
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Instrument : BNA_F
ClientSampleId : SB-10(2-4)

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

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TIC Integration Parameters: LSCINT.P

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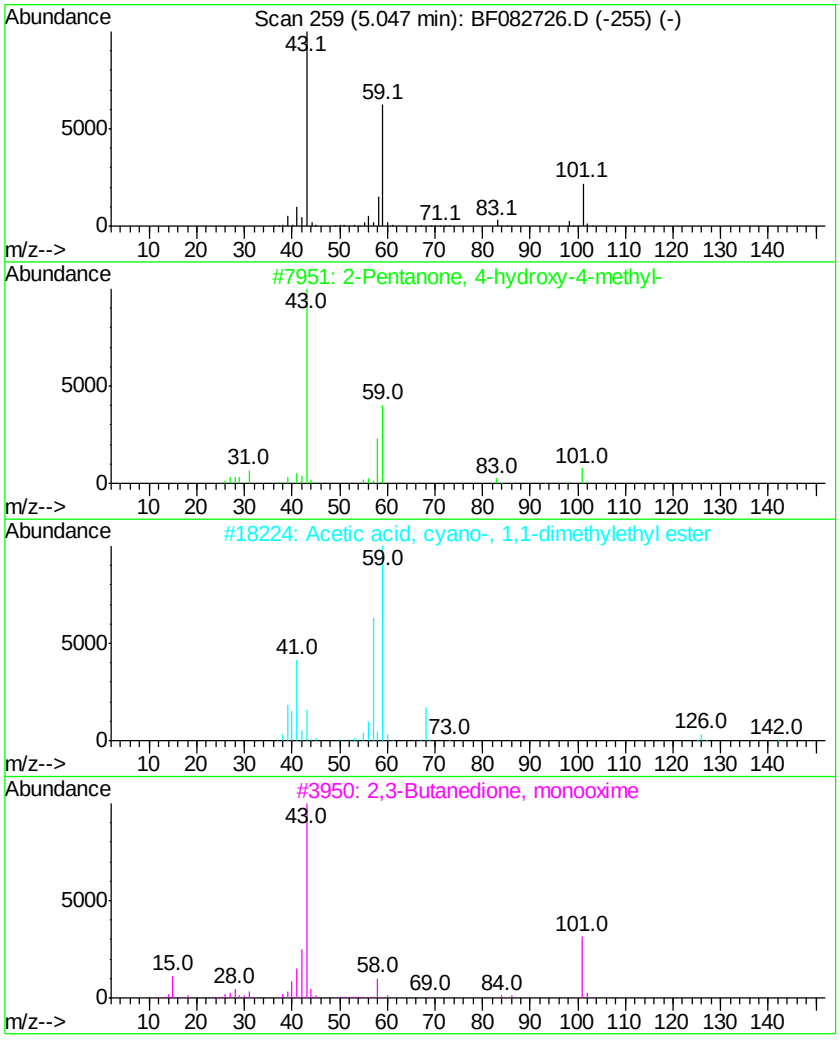
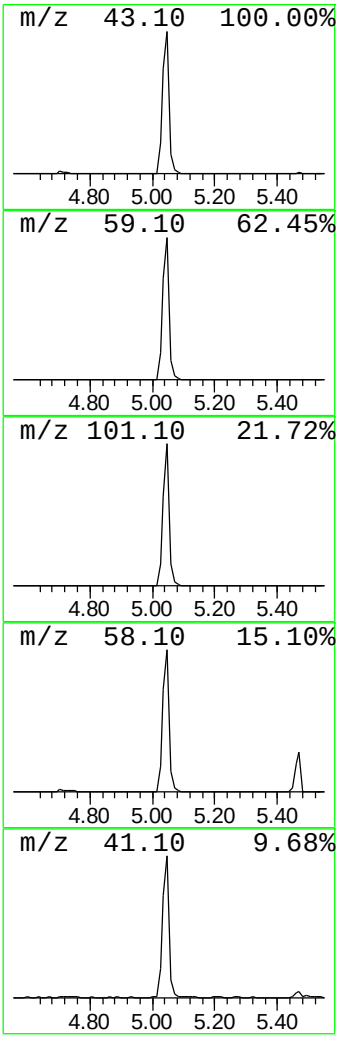
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	39.00 ng	2064420	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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\
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Instrument : BNA_F
ClientSampleId : SB-10(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
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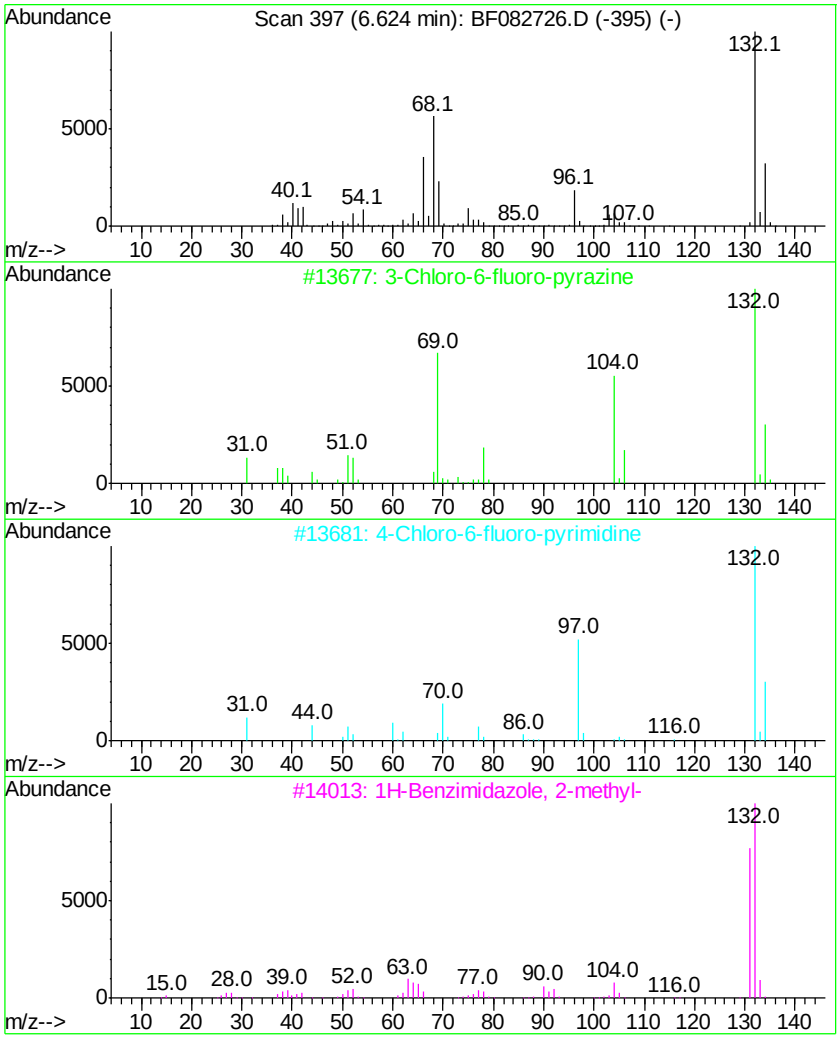
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

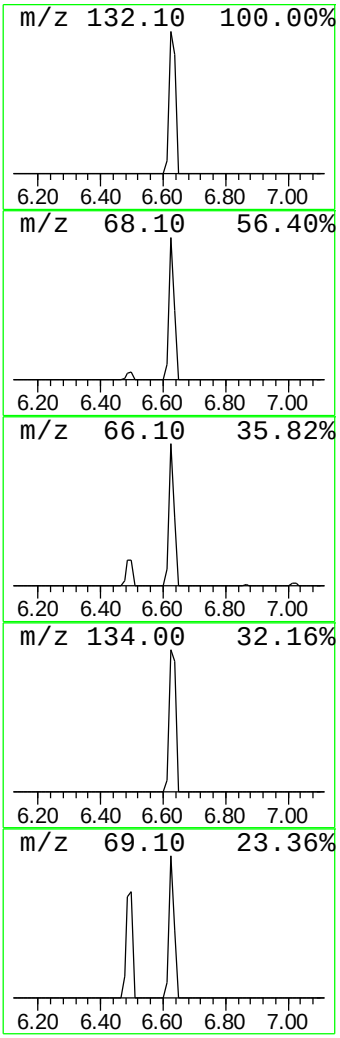
****

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	75.81 ng	4012960	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	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10





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Operator : UM/IZ
Sample : G4241-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(2-4)

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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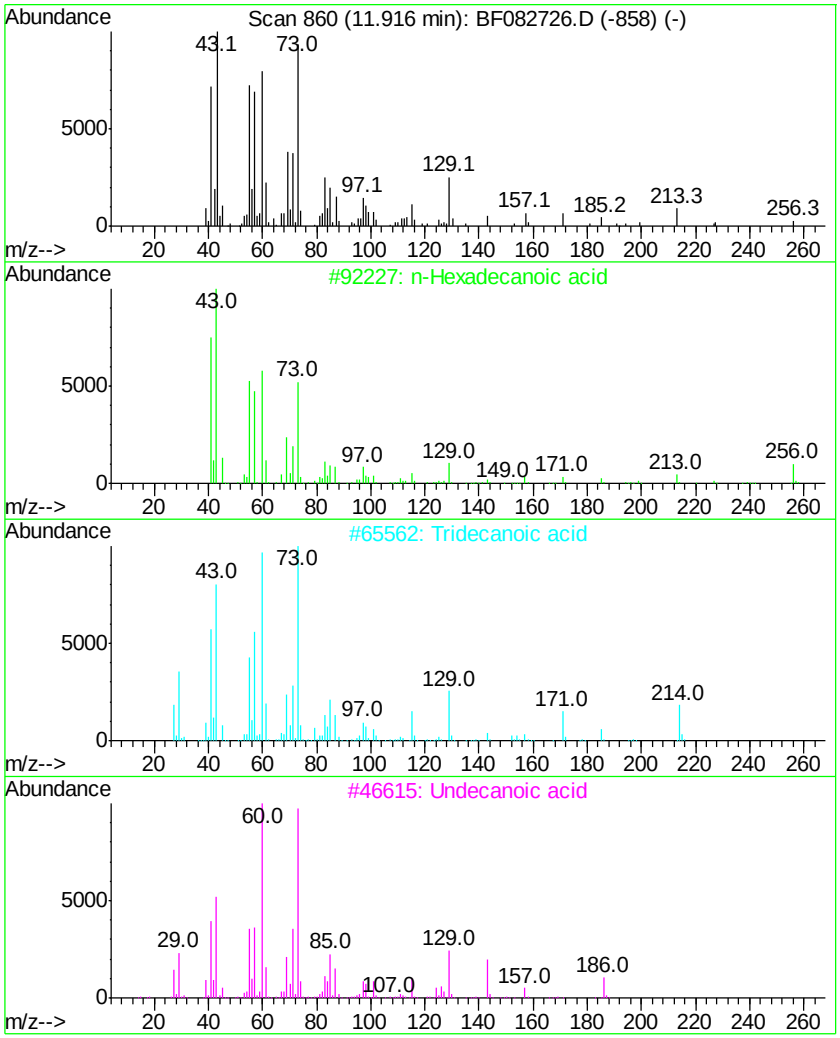
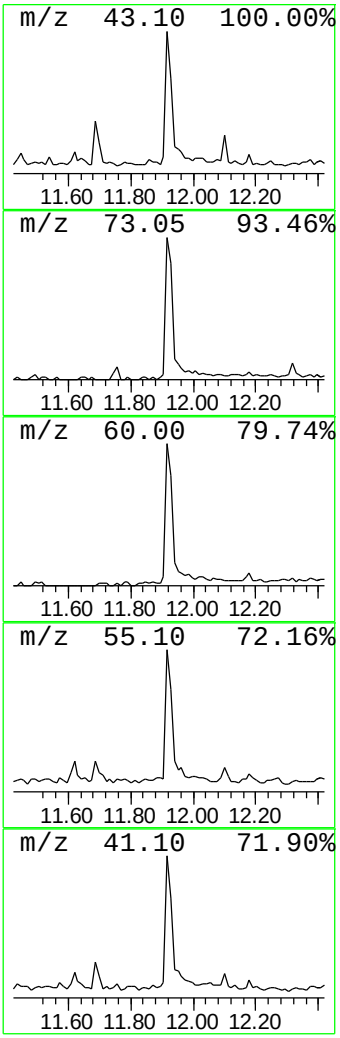
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.96 ng	324669	Phenanthrene-d10	11.38

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	86
3	Undecanoic acid	186	C11H22O2	000112-37-8	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	78





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Sample : G4241-13
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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
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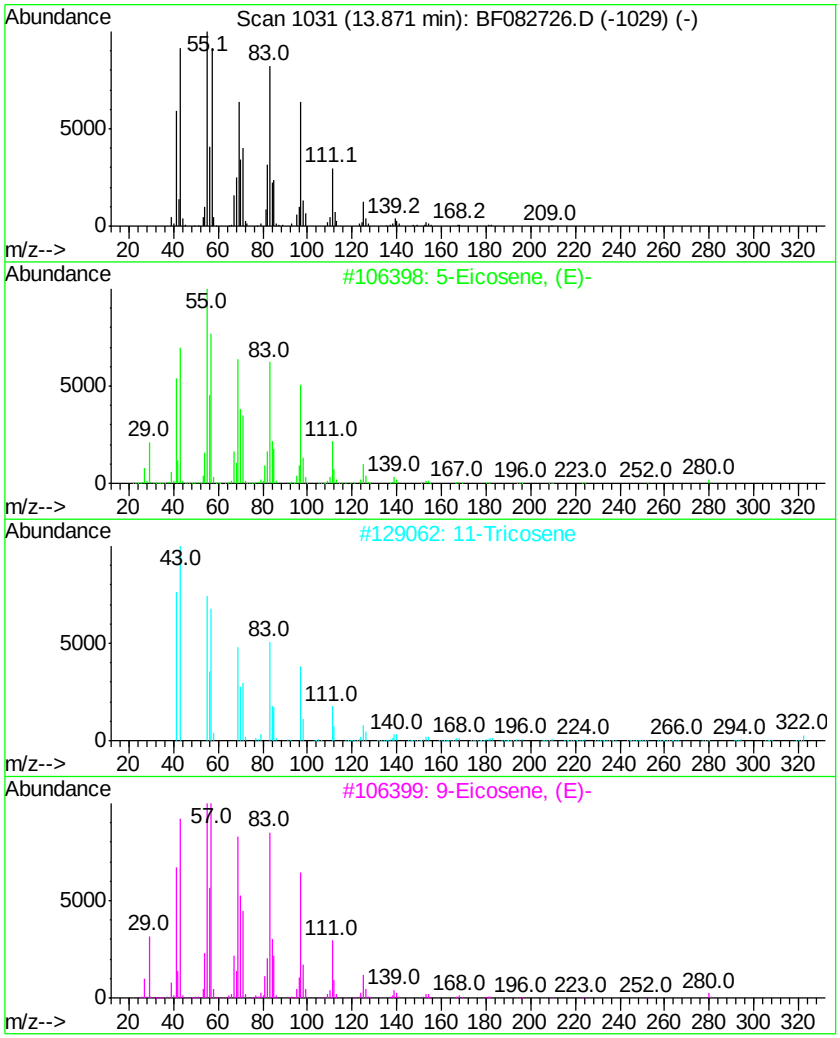
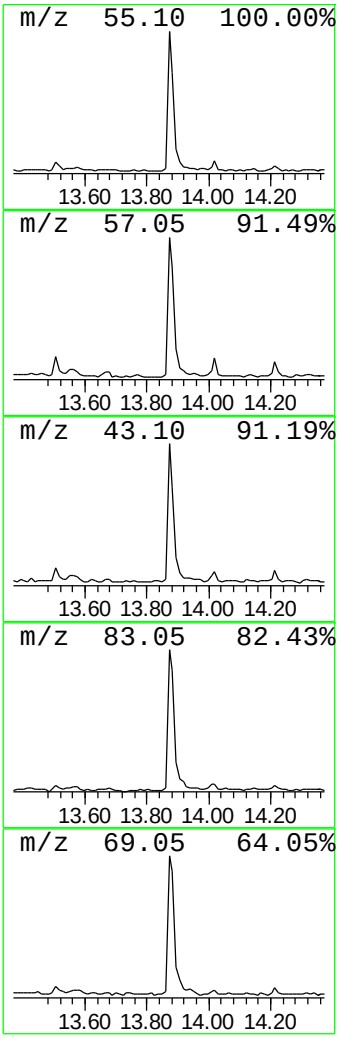
Peak Number 6 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	7.01 ng	640466	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
2	11-Tricosene	322	C23H46	052078-56-5	91
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4	1-Docosene	308	C22H44	001599-67-3	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	87





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
ClientSampleId : SB-10(2-4)

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...	5.05	39.0	ng	2064420	1	6.86	1058730	20.0
unknown6.62	6.62	75.8	ng	4012960	1	6.86	1058730	20.0
n-Hexadecanoic acid	11.92	4.0	ng	324669	4	11.38	1641590	20.0
5-Eicosene, (E)-	13.87	7.0	ng	640466	5	14.02	1827960	20.0