LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081738.D
Acq On : 22 Sep 2015 7:28
Operator : UM/IZ
Sample : G3748-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP-202-38-40

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-BF090115.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	1.224	9	12	15	rBV	829295	1076857	48.92%	6.392%
2	1.304	18	19	29	rVB3	12373	25232	1.15%	0.150%
3	1.441	29	31	37	rBV	126864	345321	15.69%	2.050%
4	1.521	37	38	81	rVB	586489	2201348	100.00%	13.067%
5	4.447	290	294	315	rBV	253865	736913	33.48%	4.374%
6	5.327	368	371	399	rBV	682279	1310671	59.54%	7.780%
7	6.619	482	484	485	rBV	13257	22175	1.01%	0.132%
8	6.653	485	487	501	rVB	13742	60979	2.77%	0.362%
9	6.870	504	506	514	rBV3	6840	25185	1.14%	0.149%
10	7.602	567	570	574	rBV	396042	1019472	46.31%	6.051%
11	7.682	574	577	590	rVV	830471	1854213	84.23%	11.006%
12	8.013	604	606	611	rBV	106027	156226	7.10%	0.927%
13	8.162	616	619	621	rVV	129484	235747	10.71%	1.399%
14	8.208	621	623	628	rVV	11801	23938	1.09%	0.142%
15	8.482	642	647	651	rBV	638409	1049781	47.69%	6.231%
16	9.465	729	733	746	rBV	477183	881903	40.06%	5.235%
17	11.054	869	872	885	rBB	162138	293096	13.31%	1.740%
18	12.928	1033	1036	1046	rBV	103970	218082	9.91%	1.295%
19	13.705	1099	1104	1107	rBV	880405	1461555	66.39%	8.676%
20	14.768	1194	1197	1208	rBB	79479	169456	7.70%	1.006%
21	15.191	1230	1234	1239	rBV	160458	299841	13.62%	1.780%
22	17.100	1397	1401	1414	rBB	426166	857151	38.94%	5.088%
23	17.923	1470	1473	1484	rBV	6903	26975	1.23%	0.160%
24	18.700	1537	1541	1548	rBV	171040	317926	14.44%	1.887%
25	22.072	1833	1836	1838	rBV	1234872	1456517	66.16%	8.646%
26	23.318	1942	1945	1946	rBV	59723	95200	4.32%	0.565%
27	23.352	1946	1948	1955	rVV	203462	270183	12.27%	1.604%
28	24.278	2026	2029	2034	rBV	152353	170336	7.74%	1.011%
29	24.792	2071	2074	2079	rVB	124082	184366	8.38%	1.094%

Sum of corrected areas: 16846645

LSC Report - Integrated Chromatogram

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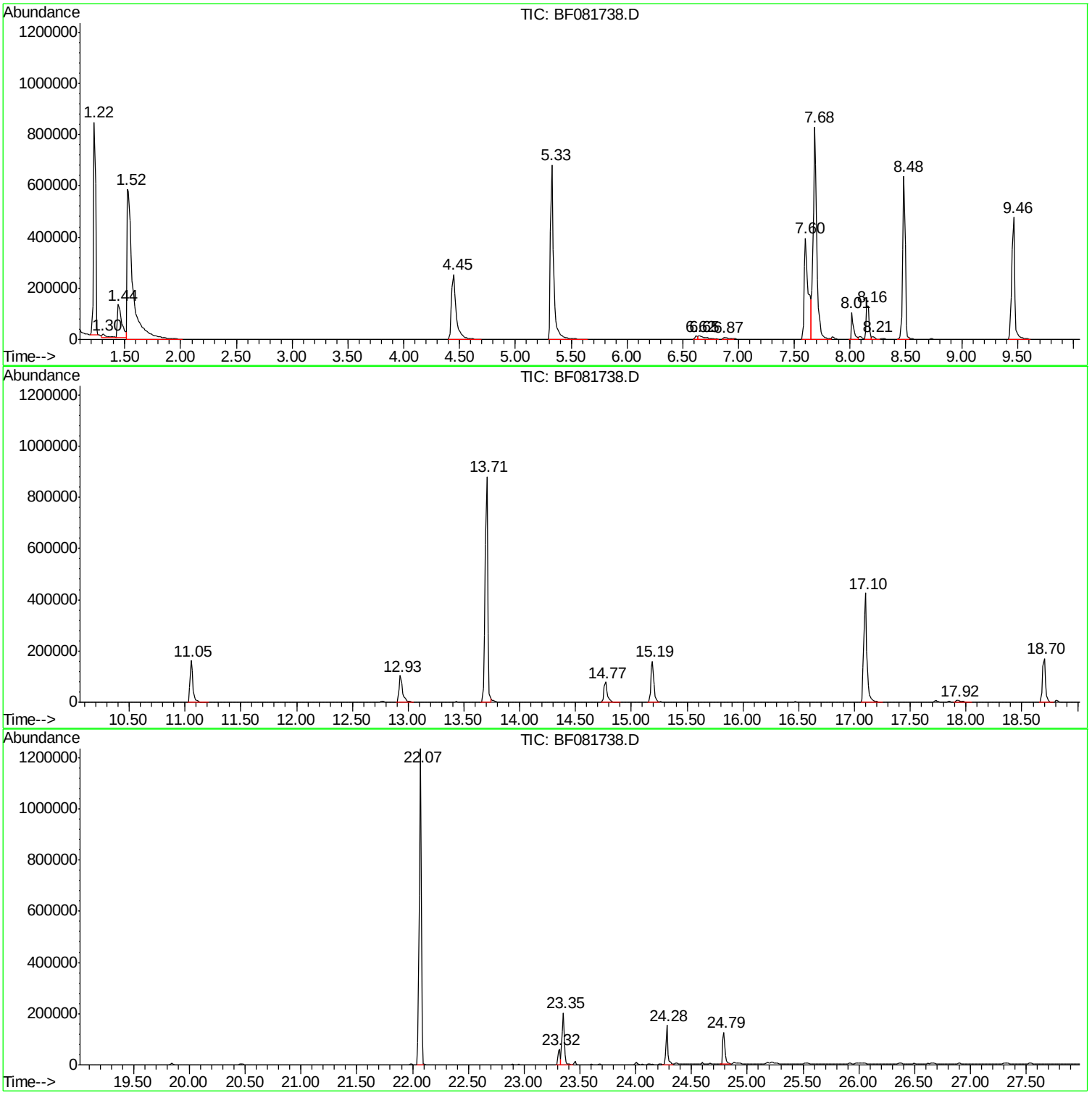
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP-202-38-40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

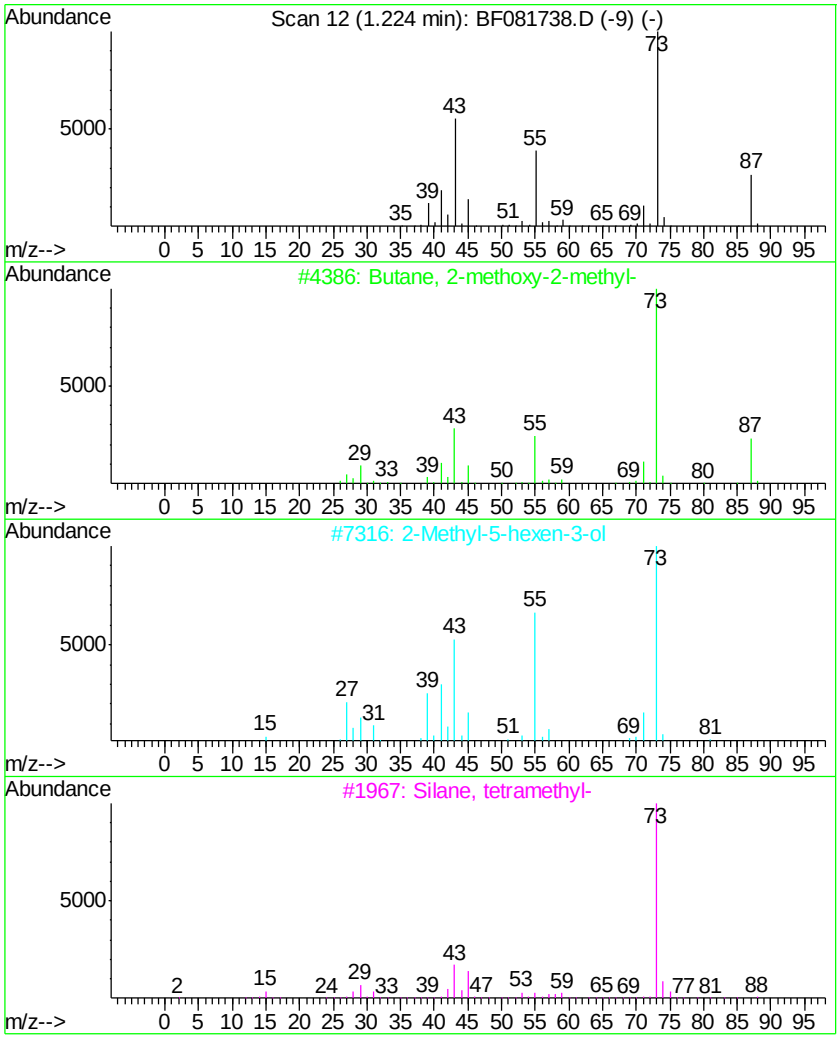
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

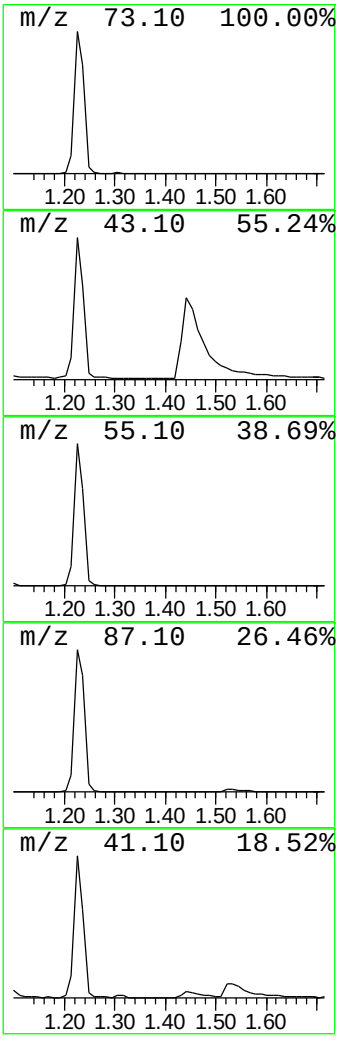
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	91.36 ng	1076860	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081738.D
Acq On : 22 Sep 2015 7:28
Operator : UM/IZ
Sample : G3748-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP-202-38-40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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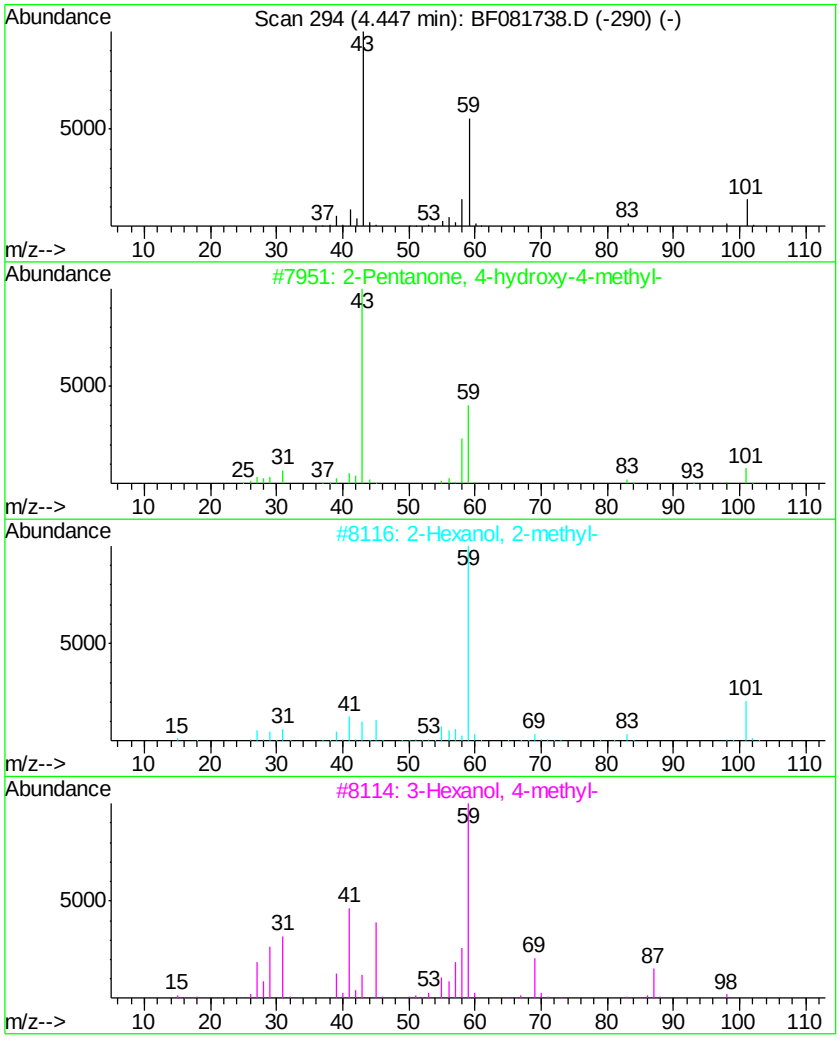
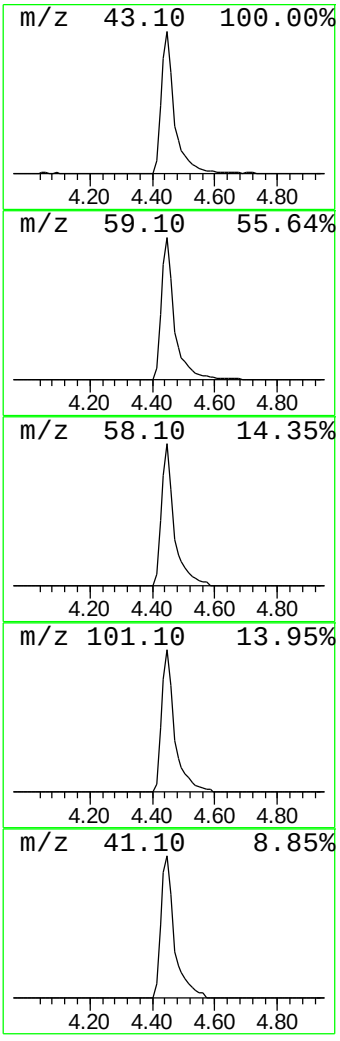
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	62.52 ng	736913	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	32
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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Operator : UM/IZ
Sample : G3748-02
Misc :
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Instrument : BNA_F
ClientSampleId : MGP-202-38-40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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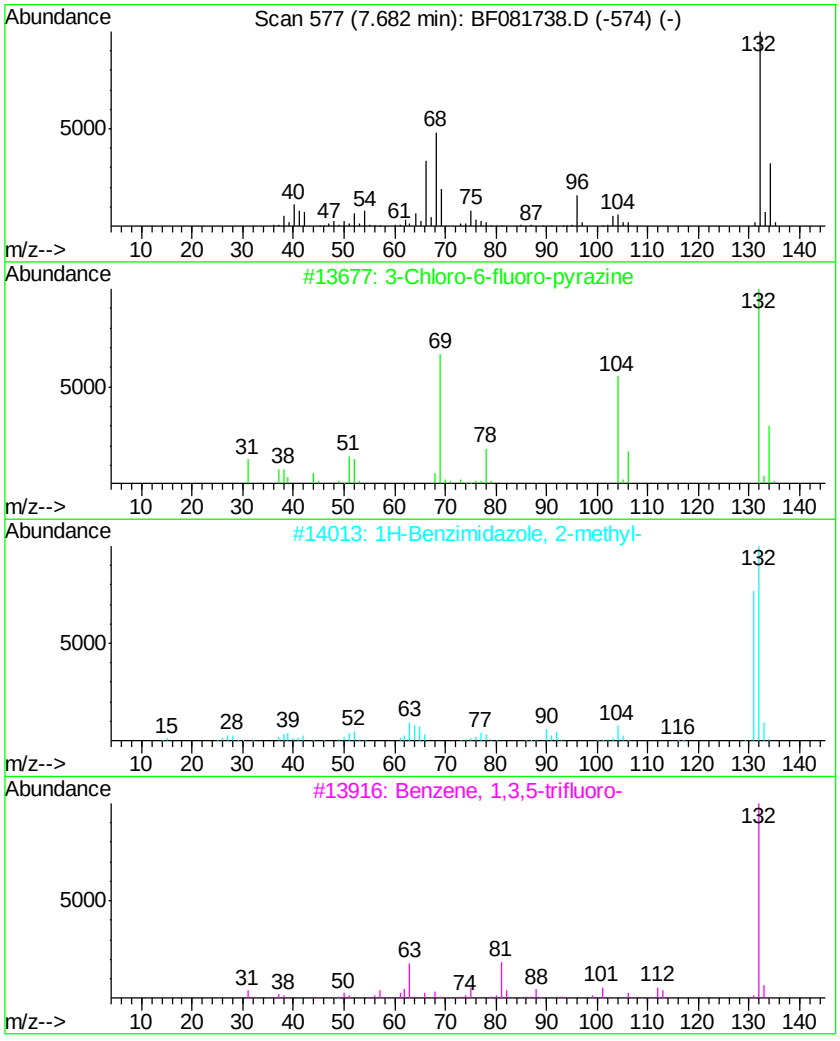
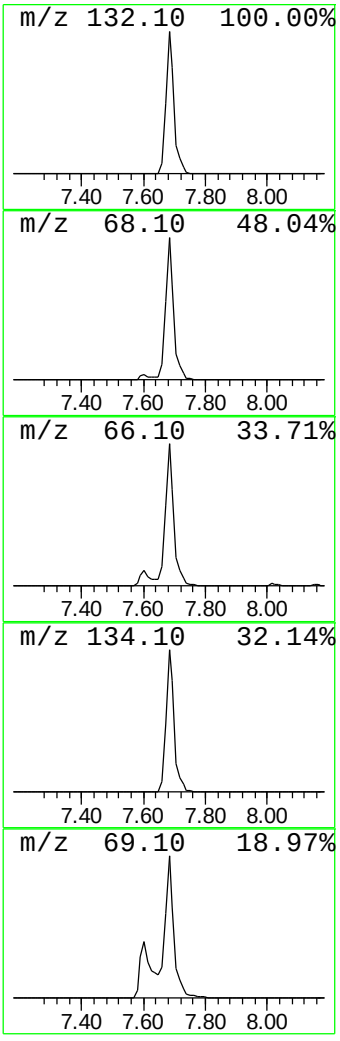
Peak Number 8 unknown7.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	157.31 ng	1854210	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	14
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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Instrument : BNA_F
ClientSampleId : MGP-202-38-40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
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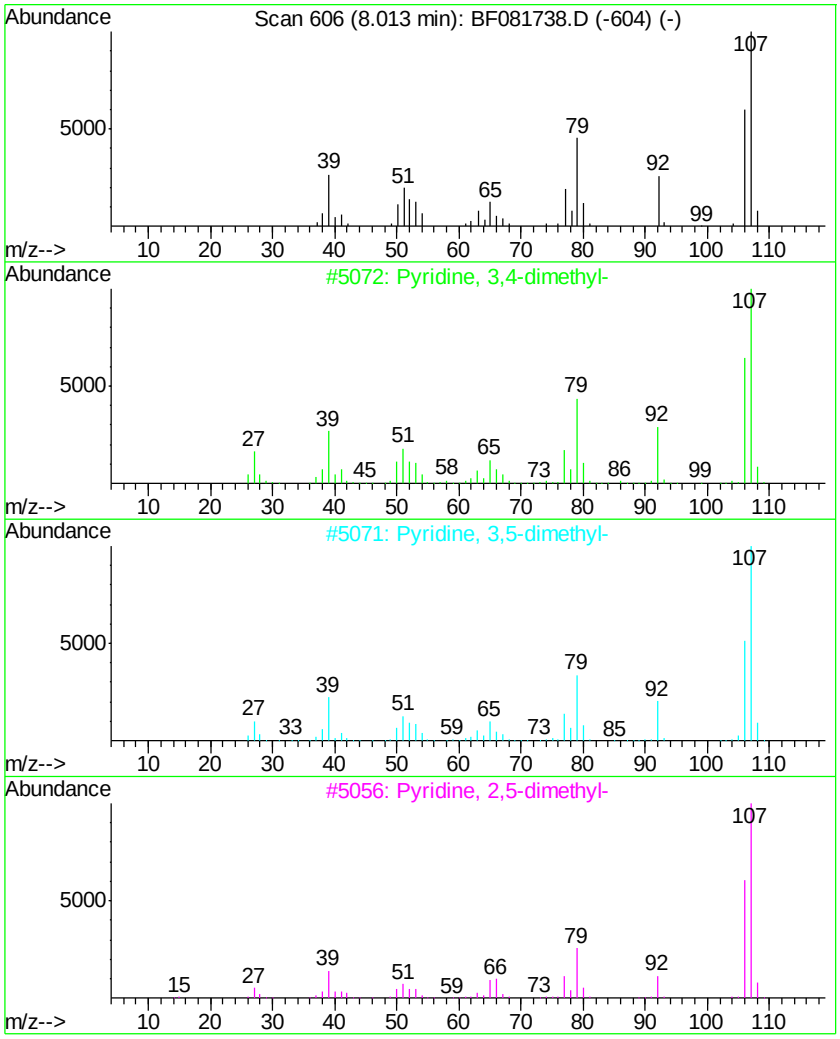
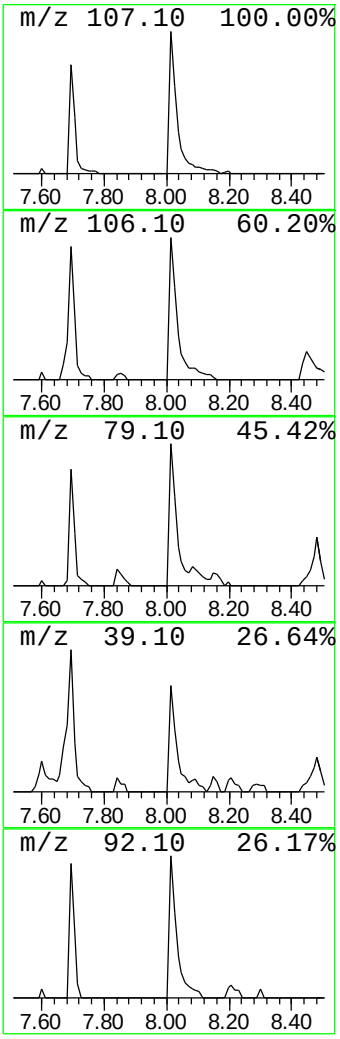
Peak Number 9 Pyridine, 3,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	13.25 ng	156226	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	96
2	Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	96
3	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	93
4	Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	87
5	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	58





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Sample : G3748-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP-202-38-40

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

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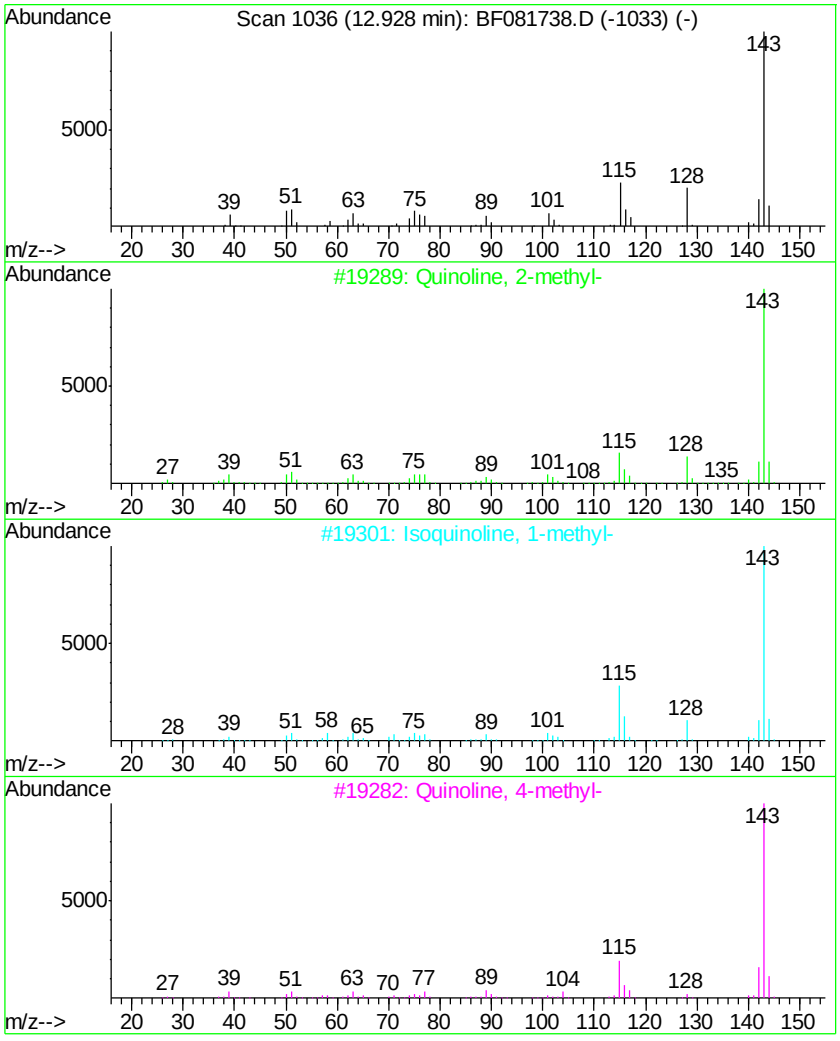
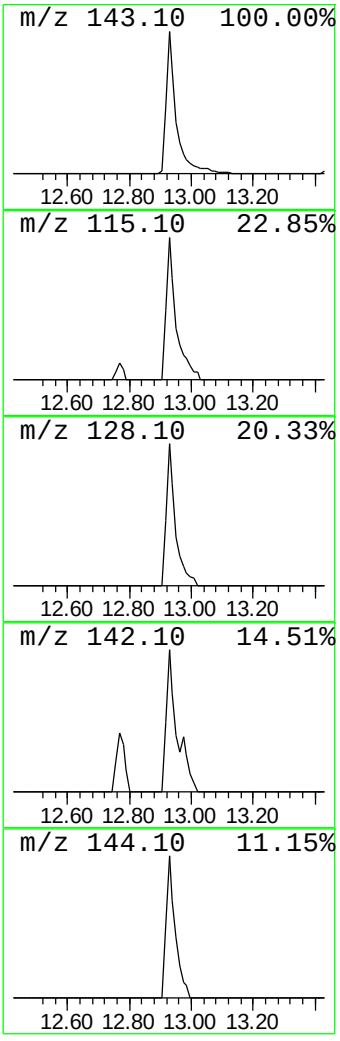
Peak Number 11 Quinoline, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	14.88 ng	218082	Naphthalene-d8	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	97
2	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	93
3	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	87
4	Quinoline, 3-methyl-	143	C10H9N	000612-58-8	76
5	Isoquinoline, 3-methyl-	143	C10H9N	001125-80-0	72





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Misc :
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Instrument : BNA_F
ClientSampleId : MGP-202-38-40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Integration Parameters: LSCINT.P

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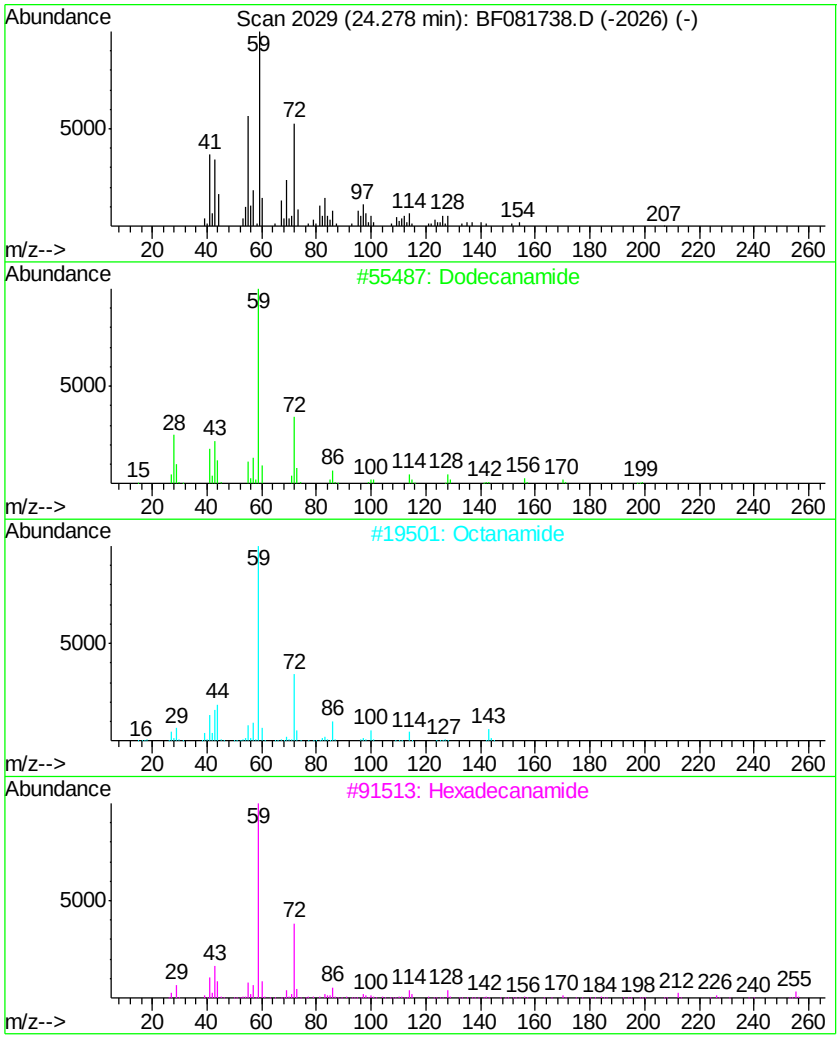
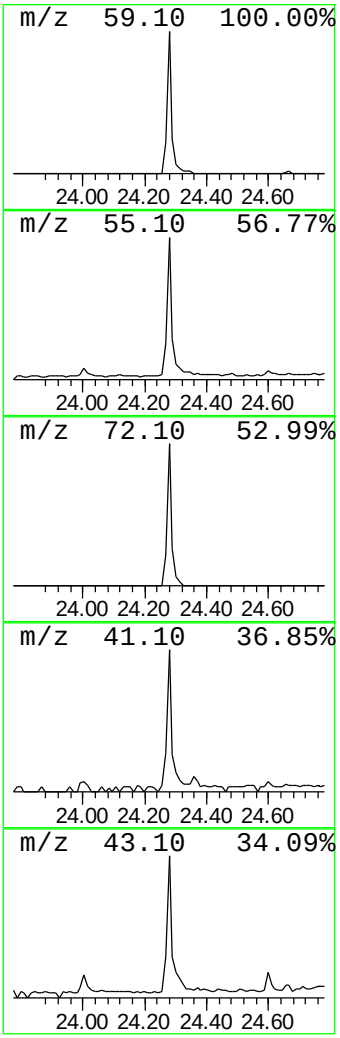
Peak Number 12 Dodecanamide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.28	18.48 ng	170336	Perylene-d12	24.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanamide	199	C12H25NO	001120-16-7	53
2	Octanamide	143	C8H17NO	000629-01-6	50
3	Hexadecanamide	255	C16H33NO	000629-54-9	50
4	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	45
5	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	45





Tentatively Identified Compound (LSC) summary

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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
Butane, 2-methoxy...	1.22	91.4	ng	1076860	1	8.16	235747	20.0
2-Pentanone, 4-hy...	4.45	62.5	ng	736913	1	8.16	235747	20.0
unknown7.68	7.68	157.3	ng	1854210	1	8.16	235747	20.0
Pyridine, 3,4-dim...	8.01	13.3	ng	156226	1	8.16	235747	20.0
Quinoline, 2-methyl-	12.93	14.9	ng	218082	2	11.05	293096	20.0
Dodecanamide	24.28	18.5	ng	170336	6	24.79	184366	20.0