

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
 Data File : BG023133.D
 Acq On : 16 Jul 2016 5:36
 Operator : UM/SJ
 Sample : H4016-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C5-16

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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	2.893	6	9	20	rVB2	118987	246747	3.87%	0.525%
2	3.040	29	34	48	rVB	1208786	1635709	25.64%	3.481%
3	3.187	54	59	70	rVB3	98510	199096	3.12%	0.424%
4	3.304	75	79	87	rVB3	39441	71060	1.11%	0.151%
5	5.220	399	405	412	rBV	260413	403617	6.33%	0.859%
6	5.696	479	486	498	rBV	1886596	3067723	48.08%	6.529%
7	7.305	752	760	777	rBV	2192054	3895959	61.07%	8.292%
8	7.681	816	824	832	rBV	1931918	3420942	53.62%	7.281%
9	8.152	895	904	914	rBV2	357034	642321	10.07%	1.367%
10	8.475	949	959	968	rVB	1297261	2281493	35.76%	4.856%
11	9.327	1095	1104	1112	rBV	1311413	2423724	37.99%	5.158%
12	9.427	1116	1121	1127	rBV3	50543	90464	1.42%	0.193%
13	10.978	1375	1385	1392	rBV	551746	1013220	15.88%	2.156%
14	13.416	1791	1800	1812	rBV	3137643	4934835	77.35%	10.503%
15	14.239	1932	1940	1956	rBV	1140269	1715406	26.89%	3.651%
16	14.797	2028	2035	2043	rBV2	996987	1659541	26.01%	3.532%
17	16.289	2282	2289	2302	rBV	3194192	4983618	78.11%	10.607%
18	16.477	2317	2321	2325	rBV3	47388	71887	1.13%	0.153%
19	17.276	2454	2457	2460	rBV2	71291	84375	1.32%	0.180%
20	17.552	2497	2504	2518	rBV	1316755	2062527	32.33%	4.390%
21	18.016	2579	2583	2588	rBV3	52787	69953	1.10%	0.149%
22	18.416	2646	2651	2664	rBV2	182999	298710	4.68%	0.636%
23	19.679	2862	2866	2872	rBV8	43150	76010	1.19%	0.162%
24	20.149	2940	2946	2953	rBV	4929063	6379883	100.00%	13.578%
25	21.477	3165	3172	3174	rBV6	113759	203187	3.18%	0.432%
26	21.859	3229	3237	3243	rBV2	1322431	2295823	35.99%	4.886%
27	22.729	3377	3385	3388	rBV10	75471	164106	2.57%	0.349%
28	25.232	3801	3811	3831	rVB2	650256	2155252	33.78%	4.587%
29	29.591	4546	4553	4555	rBV8	70360	146693	2.30%	0.312%
30	30.014	4619	4625	4637	rVB8	82286	291544	4.57%	0.620%

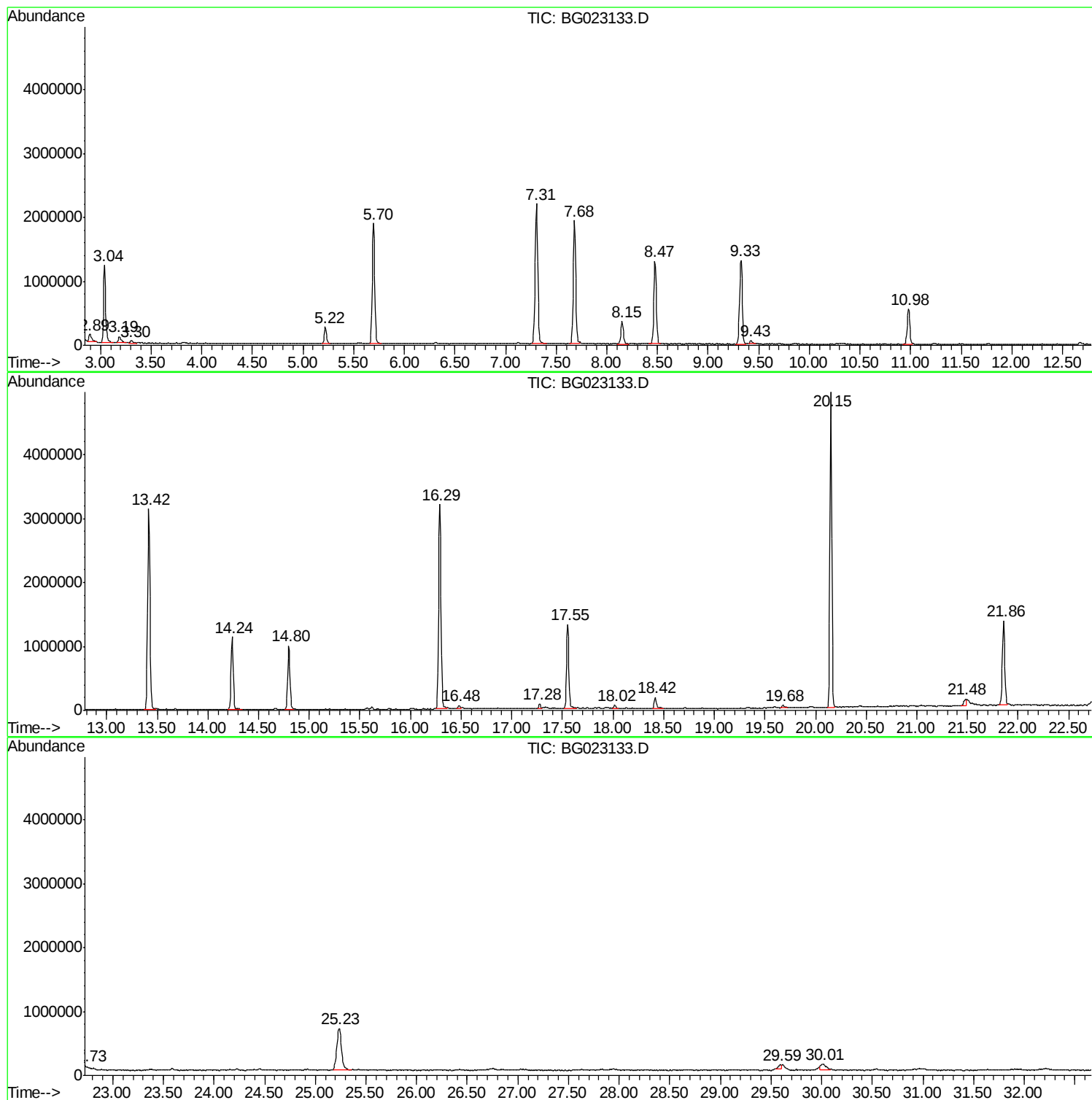
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Instrument :
BNA_G
ClientSampleId :
C5-16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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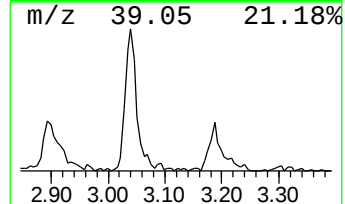
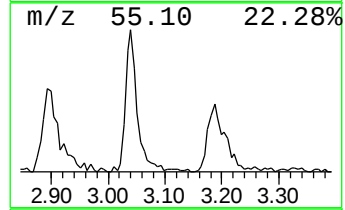
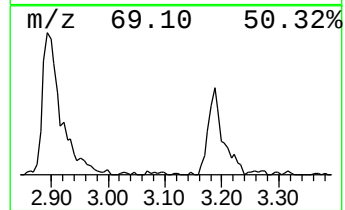
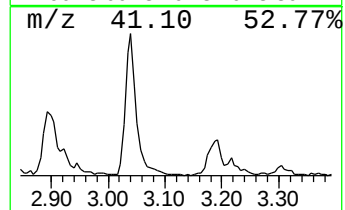
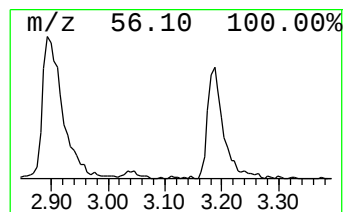
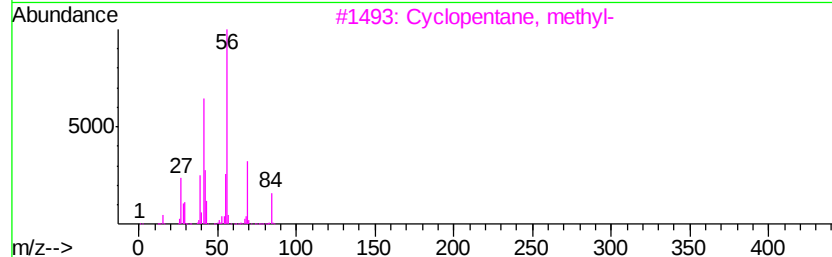
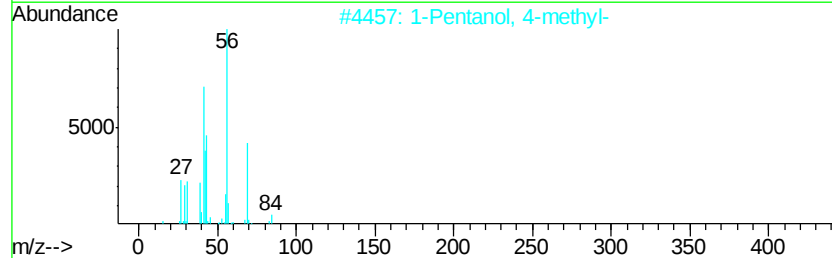
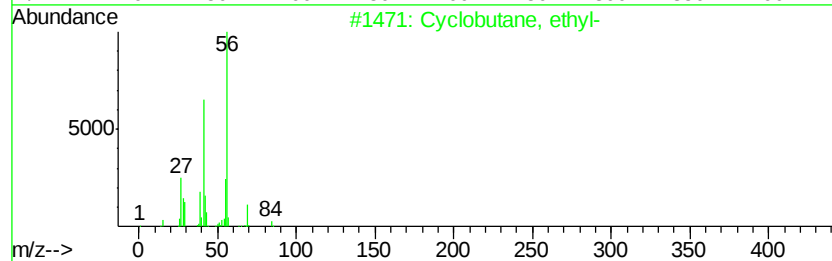
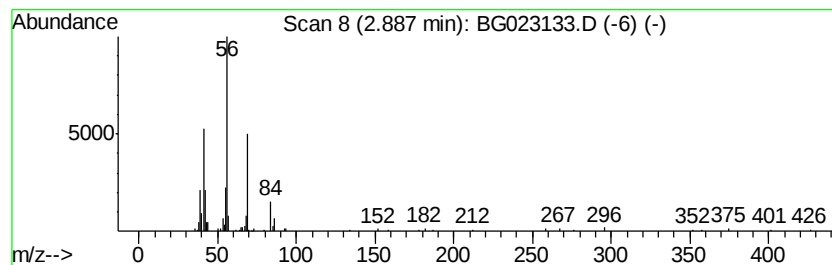
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Cyclobutane, ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	7.68 ng	246747	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	59
2		1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	50
3		Cyclopentane, methyl-	84	C6H12	000096-37-7	50
4		1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	42
5		Cyclobutane	56	C4H8	000287-23-0	40



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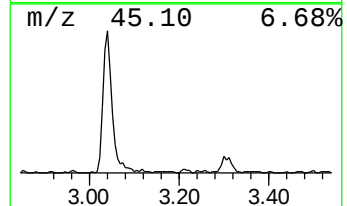
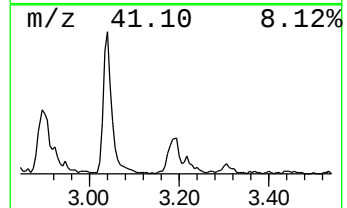
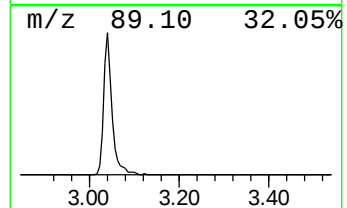
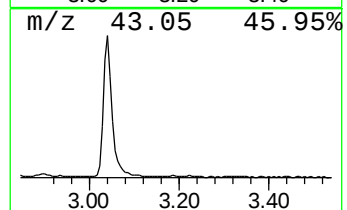
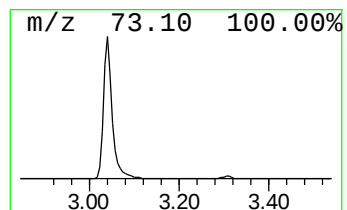
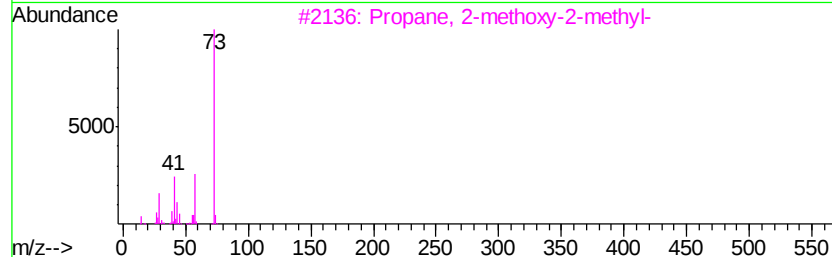
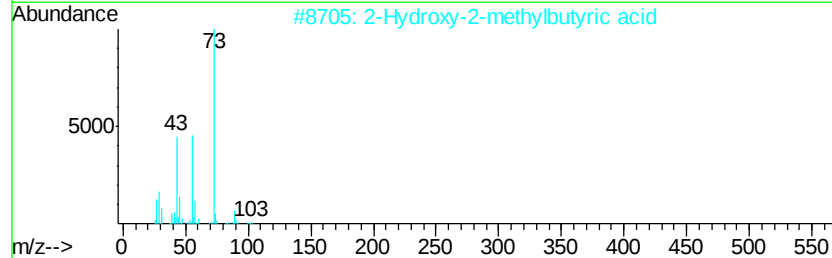
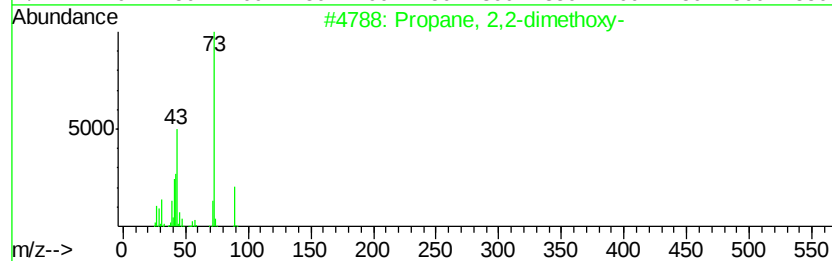
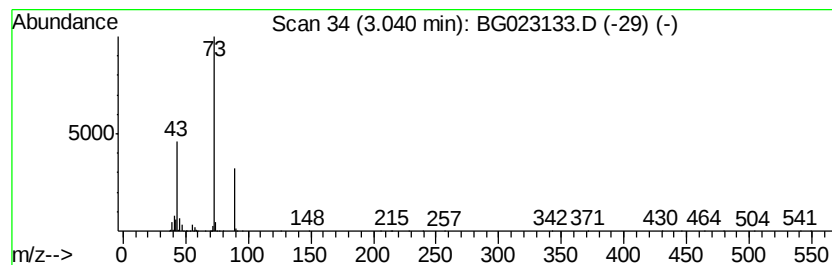
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Peak Number 2 Propane, 2,2-dimethoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	50.93 ng	1635710	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	50
2		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
3		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	5



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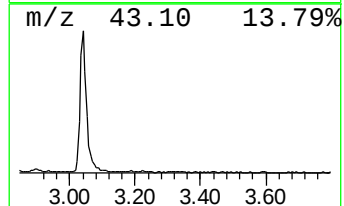
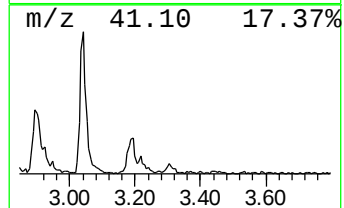
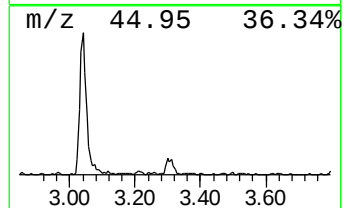
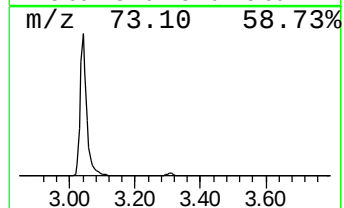
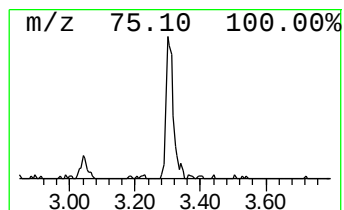
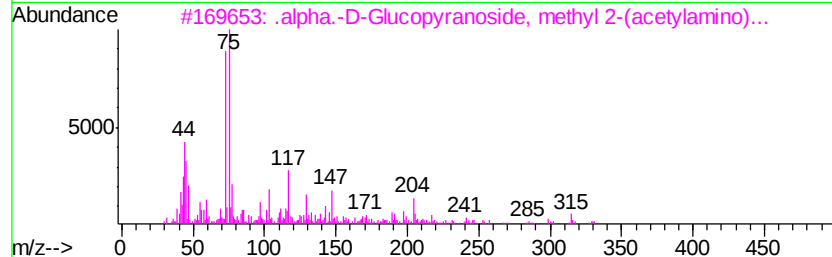
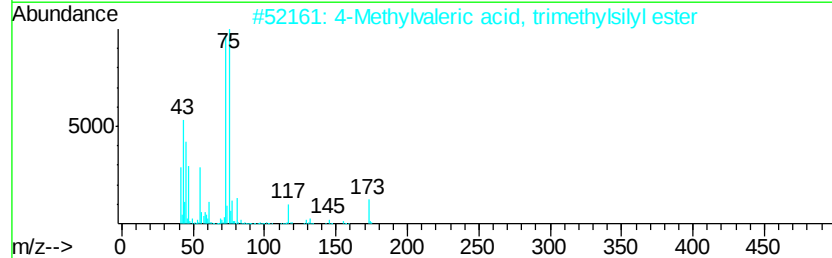
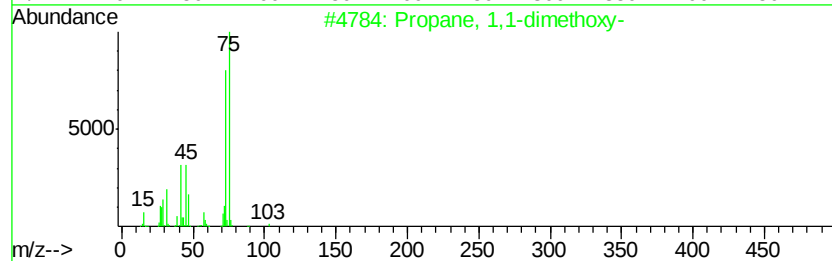
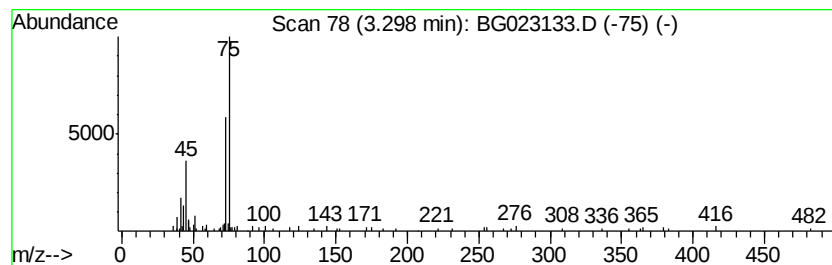
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Propane, 1,1-dimethoxy- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.30	2.21 ng	71060	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	72
2		4-Methylvaleric acid, trimethyls...	188	C9H20O2Si	959048-10-3	56
3		.alpha.-D-Glucopyranoside, methy...	331	C13H26BN06Si	054477-01-9	45
4		.beta.-Alanine, trimethylsilyl e...	161	C6H15N02Si	005269-40-9	45
5		Pentonic acid, 2-deoxy-3,5-bis-0...	276	C11H24O4Si2	074742-34-0	40



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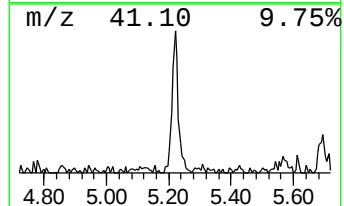
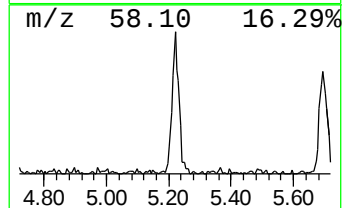
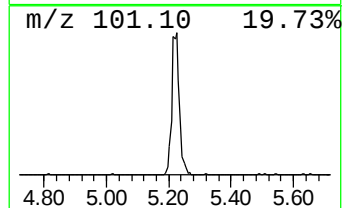
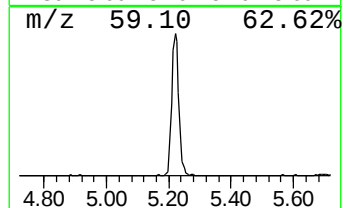
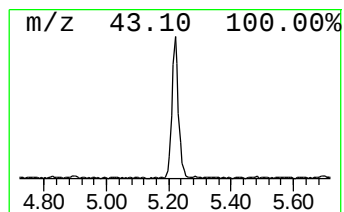
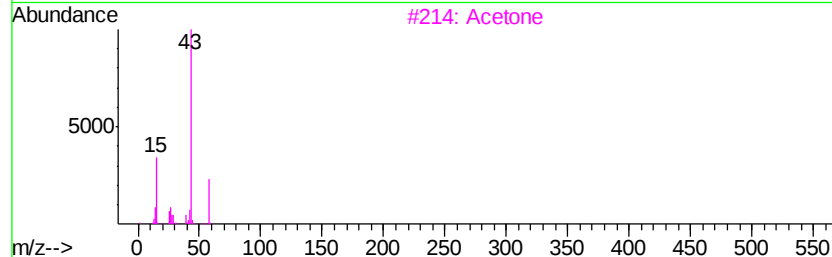
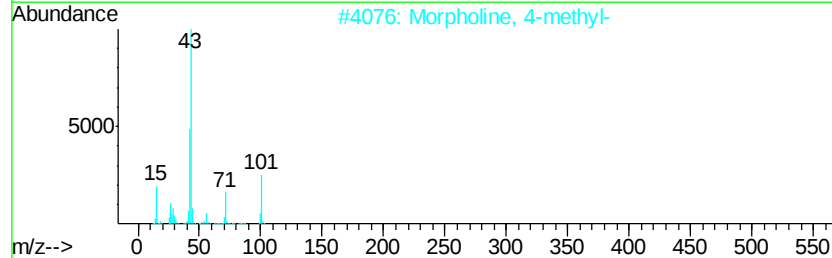
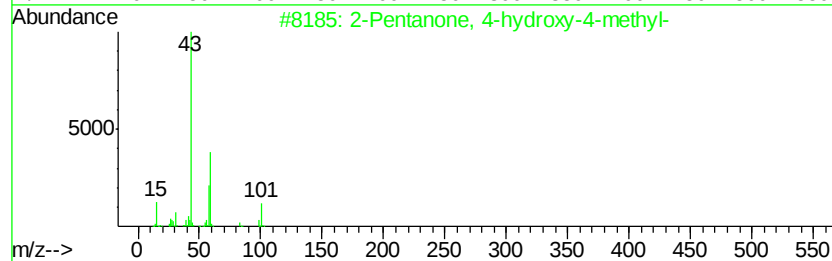
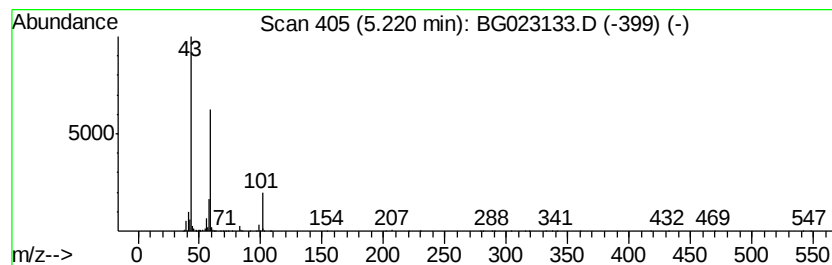
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	12.57 ng	403617	1,4-Dichlorobenzene-d4	8.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2		000123-42-2	50
2	Morpholine, 4-methyl-	101	C5H11NO		000109-02-4	9
3	Acetone	58	C3H6O		000067-64-1	9
4	2,3-Butanedione, monooxime	101	C4H7NO2		000057-71-6	9
5	Butane, 1-ethoxy-	102	C6H14O		000628-81-9	9



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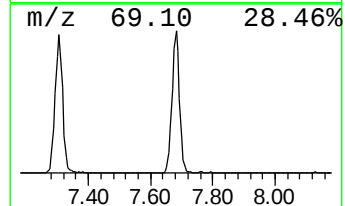
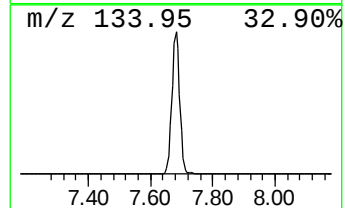
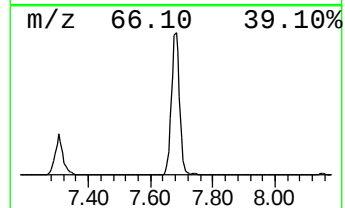
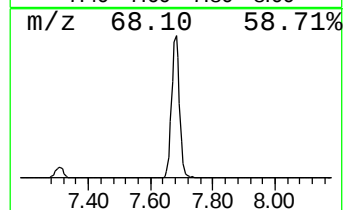
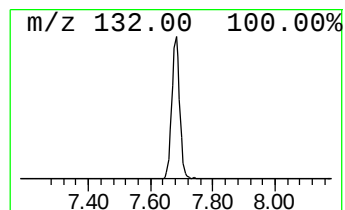
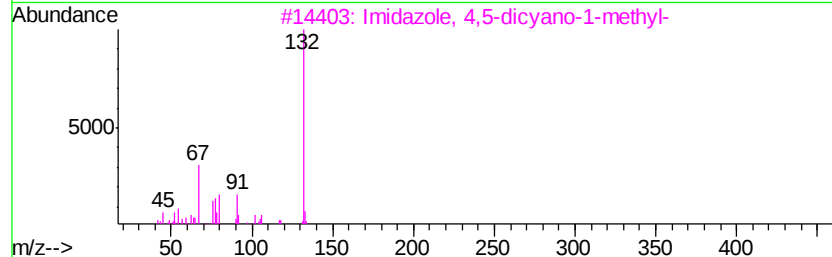
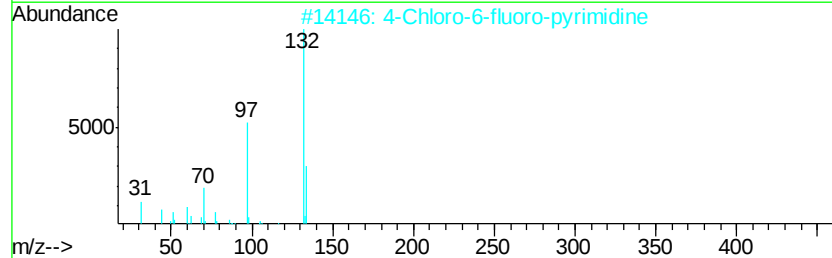
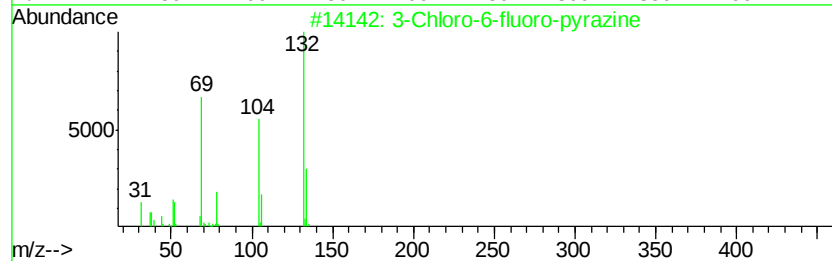
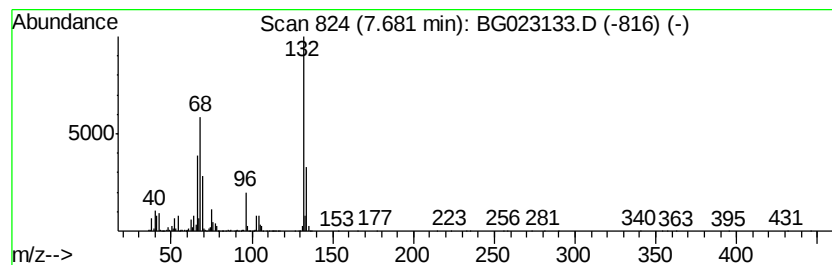
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	106.52 ng	3420940	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	11
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10
5		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10



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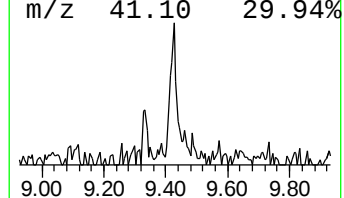
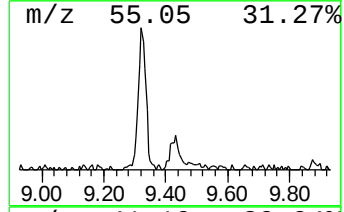
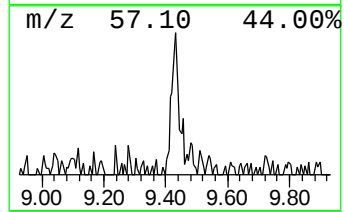
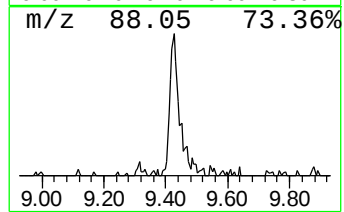
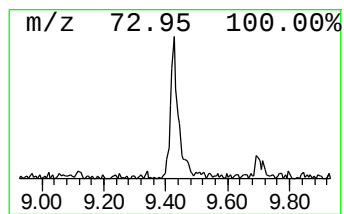
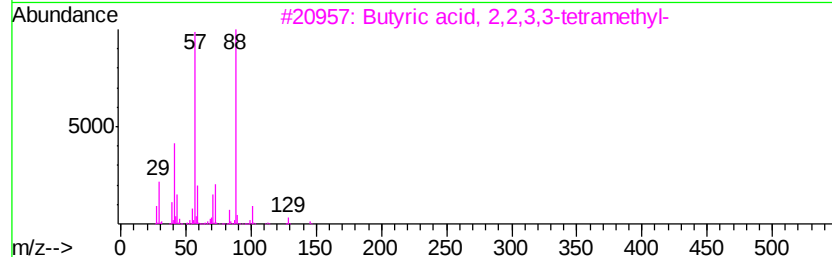
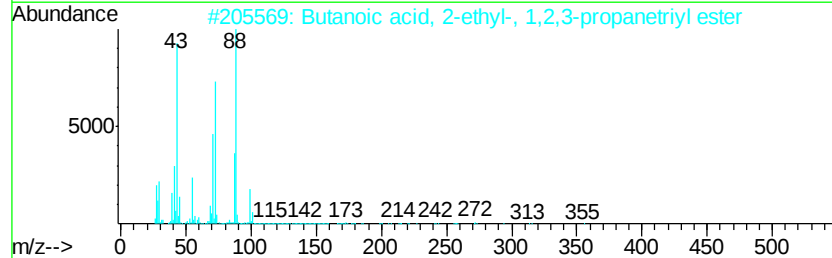
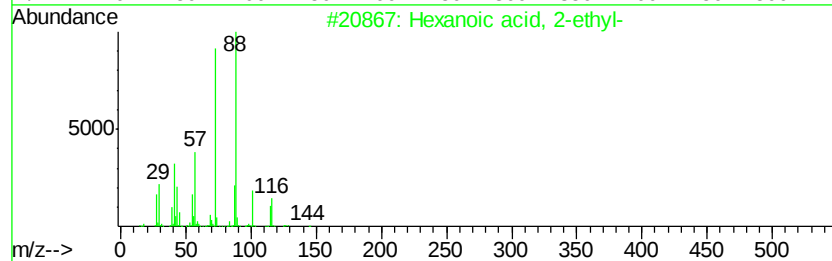
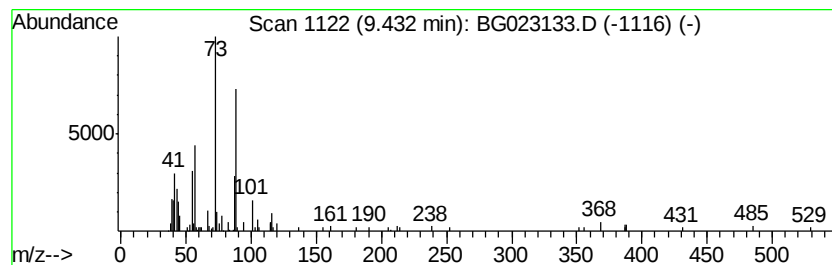
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hexanoic acid, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	2.82 ng	90464	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	59
2		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	36
3		Butyric acid, 2,2,3,3-tetramethyl-	144	C8H16O2	030407-41-1	28
4		Nonanoic acid, 5-methyl-, ethyl ...	200	C12H24O2	116530-40-6	25
5		Methyl-4-deoxy-2,3-di-O-methyl.b...	218	C9H14O6	1000312-09-9	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
Data File : BG023133.D
Acq On : 16 Jul 2016 5:36
Operator : UM/SJ
Sample : H4016-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C5-16

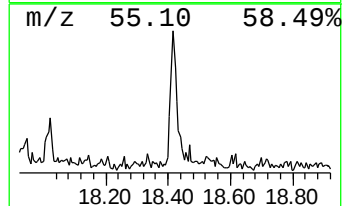
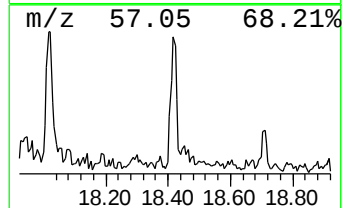
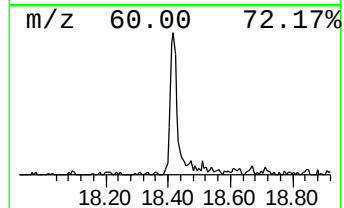
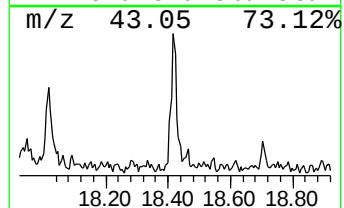
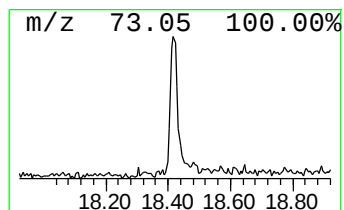
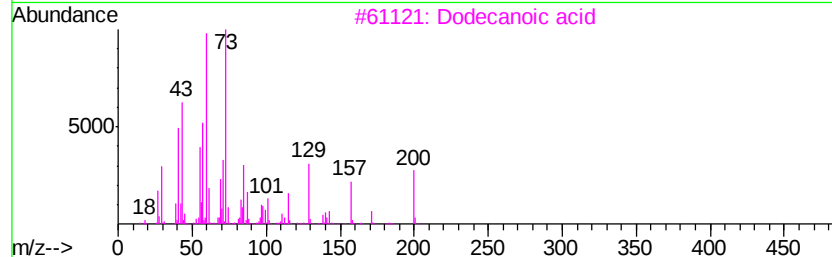
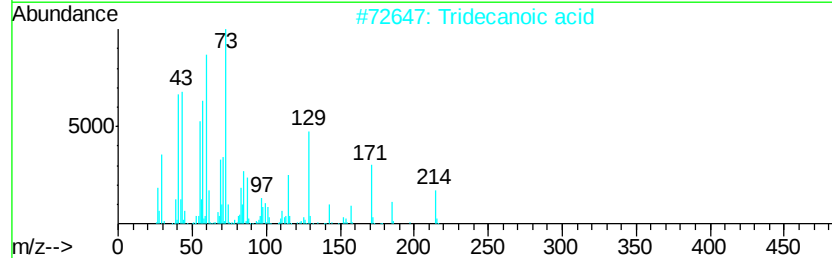
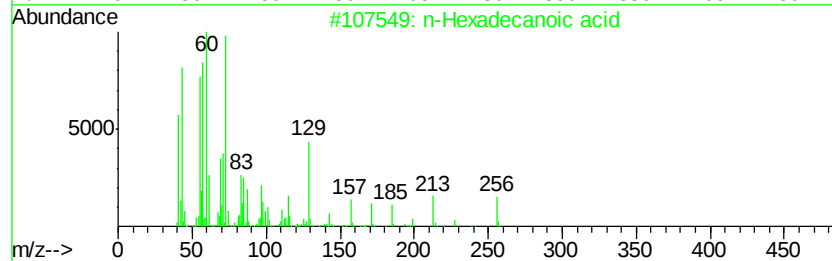
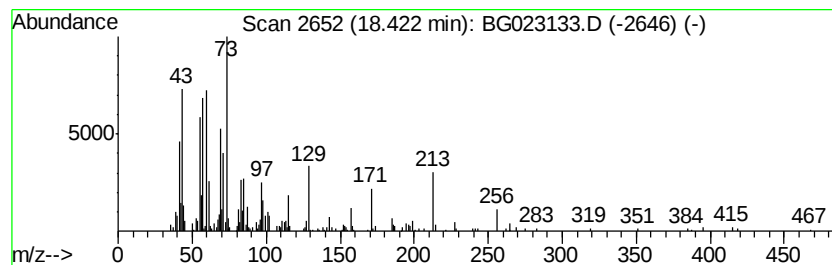
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.90 ng	298710	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	83
3		Dodecanoic acid	200	C12H24O2	000143-07-7	68
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
Data File : BG023133.D
Acq On : 16 Jul 2016 5:36
Operator : UM/SJ
Sample : H4016-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

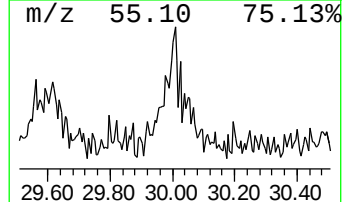
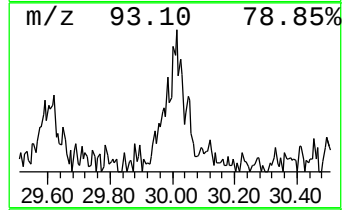
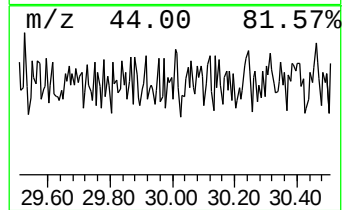
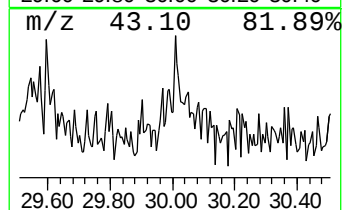
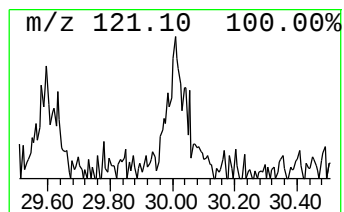
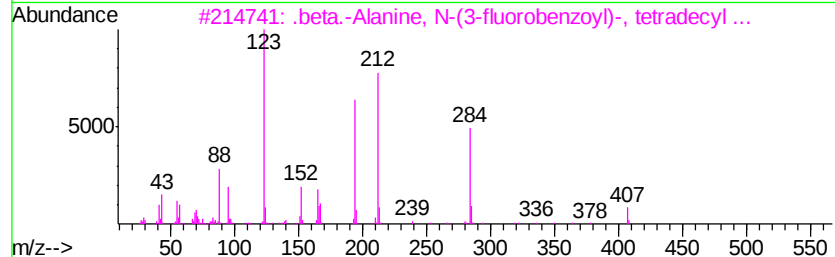
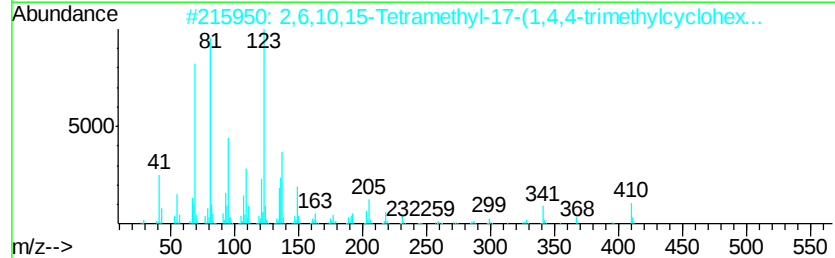
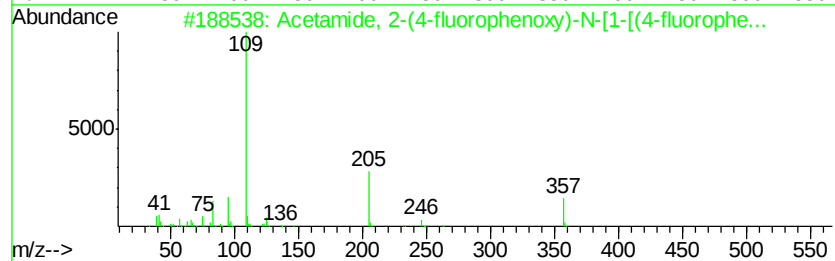
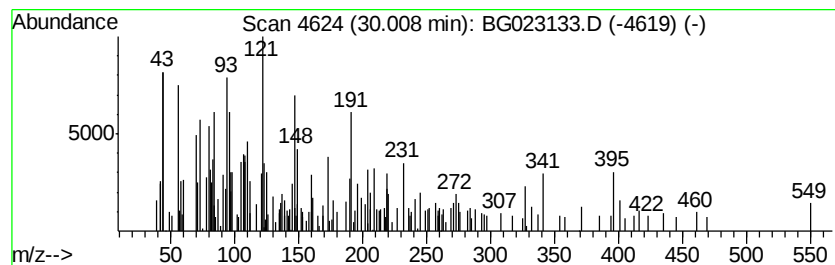
Instrument :
BNA_G
ClientSampled :
C5-16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown30.01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
30.01	2.71 ng	291544	Perylene-d12	25.24		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Acetamide, 2-(4-fluorophenoxy)-N...	357	C19H17F2N3O2	1000319-54-7	22
2		2,6,10,15-Tetramethyl-17-(1,4,4-...	410	C30H50	1000195-23-2	14
3		.beta.-Alanine, N-(3-fluorobenzo...	407	C24H38FN03	1000321-94-2	12
4		2-(4-Fluoro-benzylsulfanyl)-N-(2...	395	C23H22FN02S	339239-45-1	10
5		Cyclopropanecarboxamide, 2,2-dim...	329	C20H27N03	1000320-22-3	10



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
Data File : BG023133.D
Acq On : 16 Jul 2016 5:36
Operator : UM/SJ
Sample : H4016-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C5-16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclobutane, ethyl-	2.89	7.7	ng	246747	1	8.15	642321	20.0
Propane, 2,2-dime...	3.04	50.9	ng	1635710	1	8.15	642321	20.0
Propane, 1,1-dime...	3.30	2.2	ng	71060	1	8.15	642321	20.0
2-Pentanone, 4-hy...	5.22	12.6	ng	403617	1	8.15	642321	20.0
unknown7.68	7.68	106.5	ng	3420940	1	8.15	642321	20.0
Hexanoic acid, 2-...	9.43	2.8	ng	90464	1	8.15	642321	20.0
n-Hexadecanoic acid	18.42	2.9	ng	298710	4	17.55	2062530	20.0
unknown30.01	30.01	2.7	ng	291544	6	25.24	2155250	20.0