

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG016973.D
 Acq On : 9 May 2015 3:01
 Operator : TP/IZ
 Sample : G2059-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MWHR4-9

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-BG050515.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	2.918	34	39	47	rBV	357563	553756	10.95%	2.142%
2	2.994	47	52	63	rVB	621779	790954	15.64%	3.060%
3	4.909	374	378	385	rVB	37119	56791	1.12%	0.220%
4	5.373	451	457	464	rBV	665705	916654	18.12%	3.546%
5	6.960	719	727	735	rBV	538642	823589	16.28%	3.186%
6	7.324	781	789	800	rBV	1125999	1730995	34.23%	6.696%
7	7.794	862	869	877	rVB	228669	372571	7.37%	1.441%
8	8.111	913	923	930	rBV	889776	1413256	27.94%	5.467%
9	8.946	1057	1065	1075	rBV	836499	1383840	27.36%	5.353%
10	10.585	1337	1344	1350	rBV	314679	529322	10.47%	2.048%
11	13.053	1757	1764	1772	rBV	2149566	3102583	61.35%	12.002%
12	14.398	1988	1993	1994	rBV	159674	183522	3.63%	0.710%
13	14.428	1994	1998	2006	rVB2	542170	814092	16.10%	3.149%
14	15.644	2200	2205	2210	rBV	90267	119478	2.36%	0.462%
15	15.920	2243	2252	2263	rBV2	2071452	3113727	61.57%	12.045%
16	16.443	2334	2341	2345	rBV	75849	107583	2.13%	0.416%
17	16.936	2420	2425	2429	rBV2	42878	59480	1.18%	0.230%
18	17.171	2457	2465	2471	rBV2	776131	1082824	21.41%	4.189%
19	18.070	2612	2618	2626	rBV	229704	355153	7.02%	1.374%
20	18.969	2765	2771	2775	rBV	58425	70617	1.40%	0.273%
21	19.345	2830	2835	2843	rBV	174244	267741	5.29%	1.036%
22	19.610	2875	2880	2885	rBV2	94943	125899	2.49%	0.487%
23	19.798	2906	2912	2923	rBV	4240743	5057553	100.00%	19.565%
24	20.585	3042	3046	3050	rBV	220066	231117	4.57%	0.894%
25	21.055	3123	3126	3134	rBV2	110798	167119	3.30%	0.646%
26	21.261	3157	3161	3165	rBV	102651	119930	2.37%	0.464%
27	21.343	3170	3175	3181	rBV	918223	1143168	22.60%	4.422%
28	22.401	3351	3355	3364	rVB	24139	61532	1.22%	0.238%
29	23.640	3559	3566	3577	rVB	591704	1095592	21.66%	4.238%

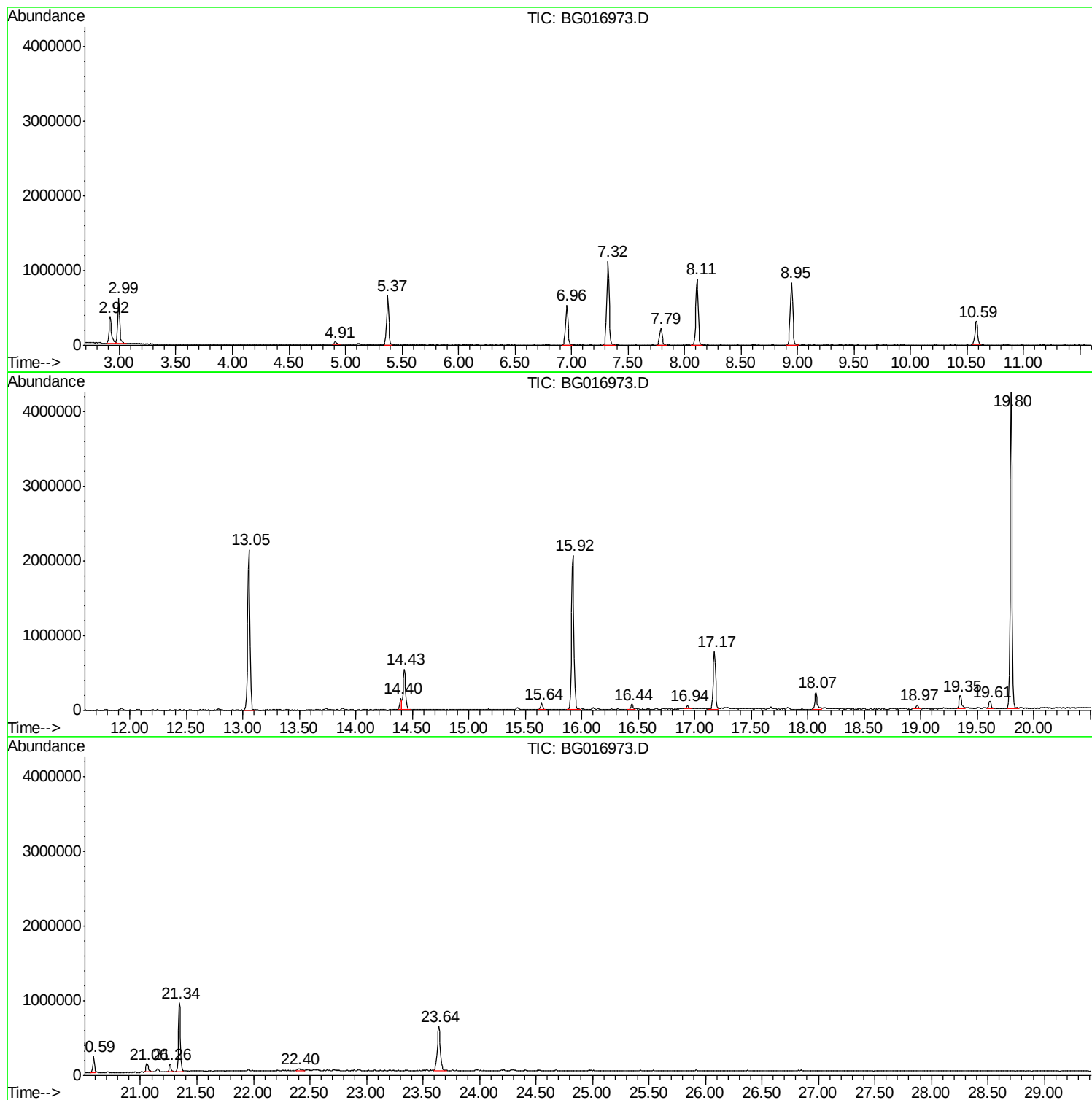
Sum of corrected areas: 25850438

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016973.D
Acq On : 9 May 2015 3:01
Operator : TP/IZ
Sample : G2059-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MWHR4-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016973.D
Acq On : 9 May 2015 3:01
Operator : TP/IZ
Sample : G2059-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MWHR4-9

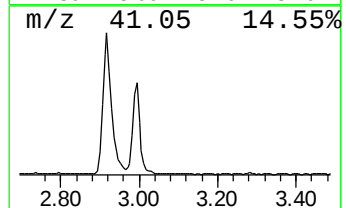
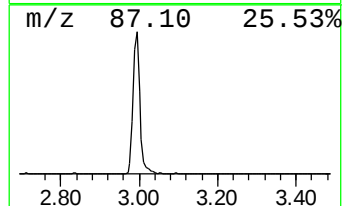
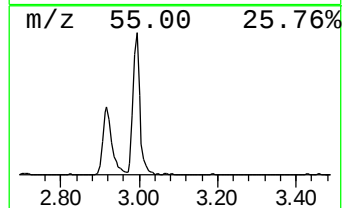
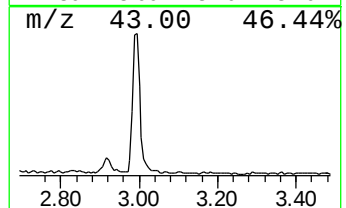
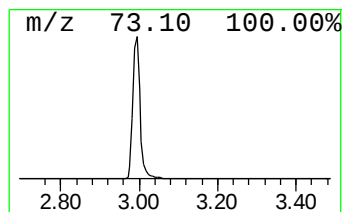
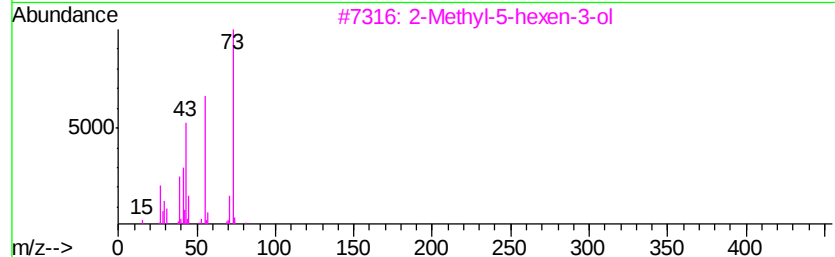
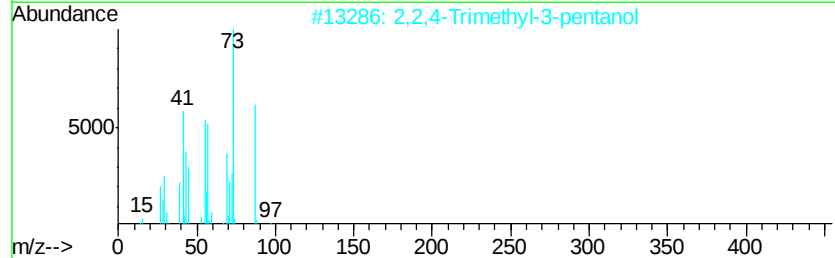
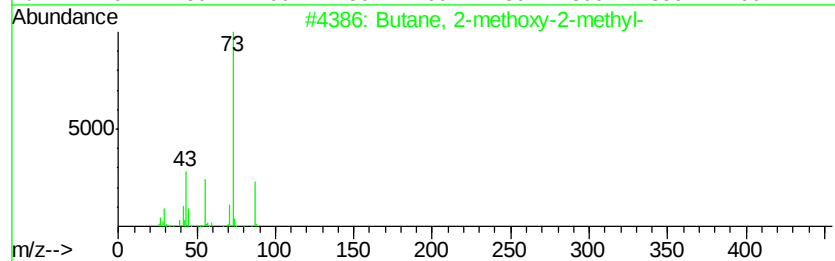
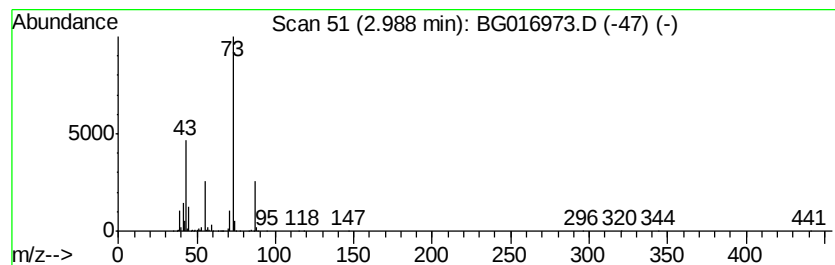
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	42.46 ng	790954	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016973.D
Acq On : 9 May 2015 3:01
Operator : TP/IZ
Sample : G2059-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MWHR4-9

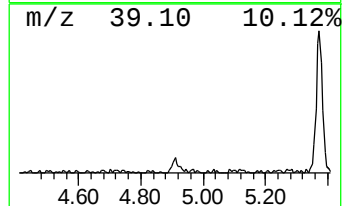
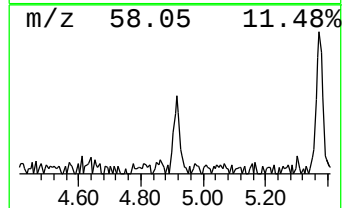
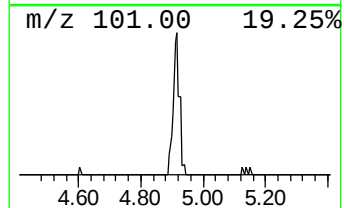
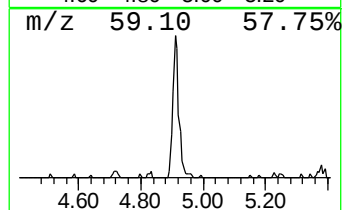
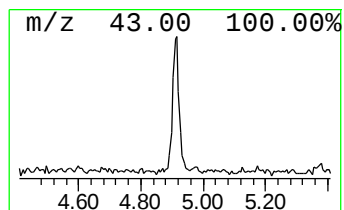
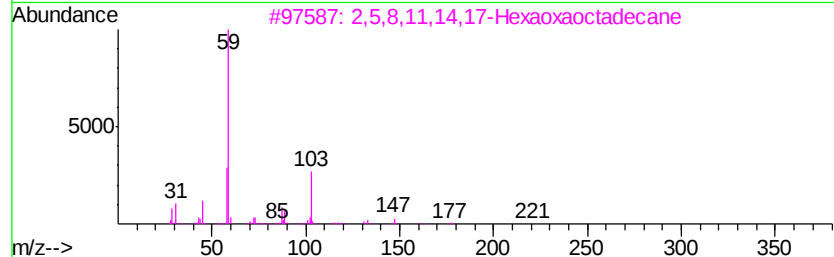
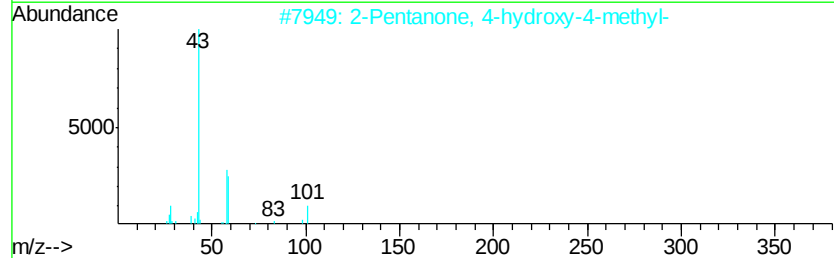
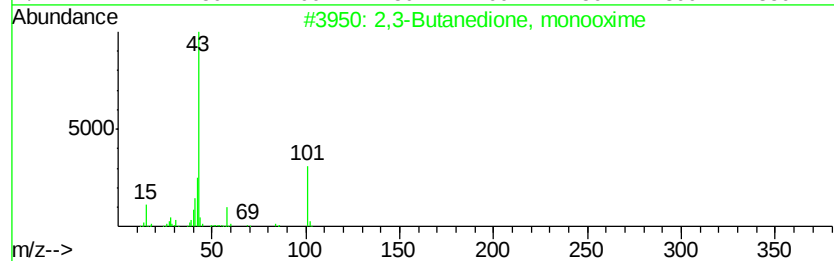
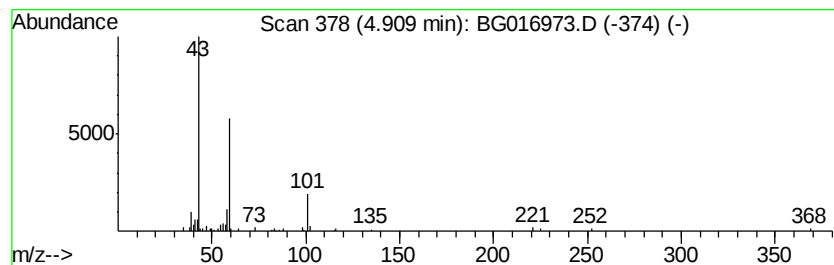
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown4.91 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	3.05 ng	56791	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Butanedione, monooxime			101	C4H7NO2	000057-71-6	25
2	2-Pentanone, 4-hydroxy-4-methyl-			116	C6H12O2	000123-42-2	25
3	2,5,8,11,14,17-Hexaoxaoctadecane			266	C12H26O6	001191-87-3	17
4	4-Pentene-2-ol, 2-methyl			100	C6H12O	000624-97-5	12
5	Propane, 1-ethoxy-2-methyl-			102	C6H14O	000627-02-1	10



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016973.D
Acq On : 9 May 2015 3:01
Operator : TP/IZ
Sample : G2059-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MWH4-9

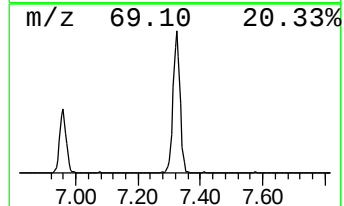
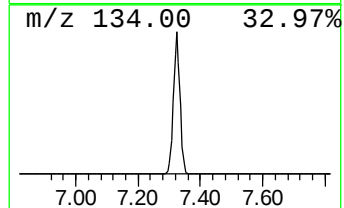
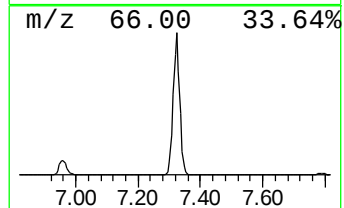
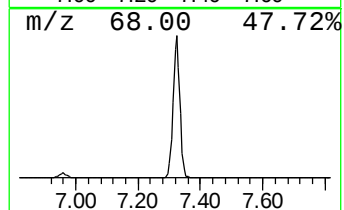
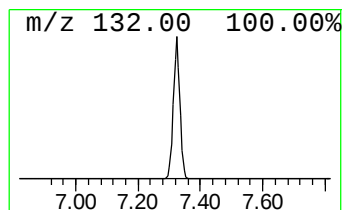
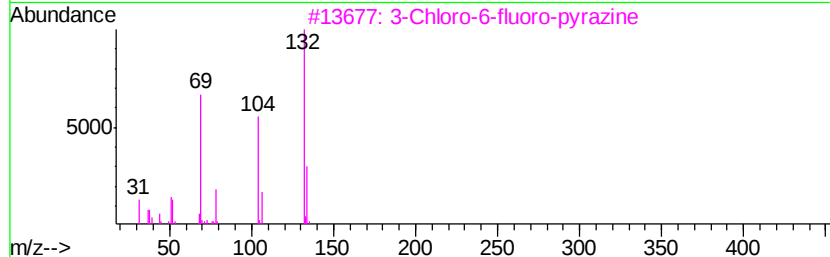
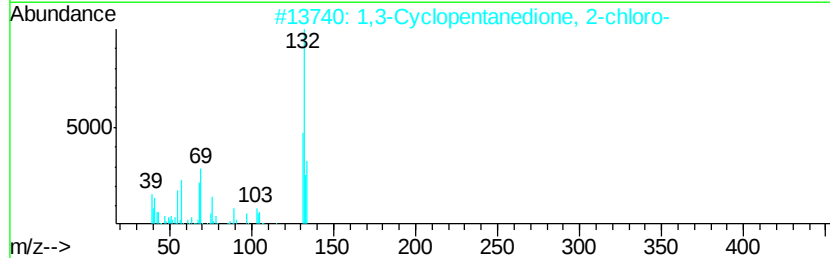
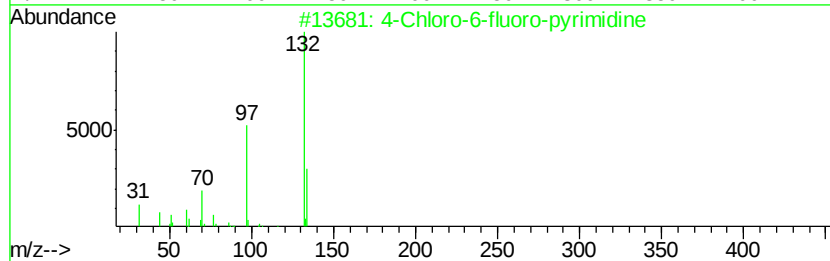
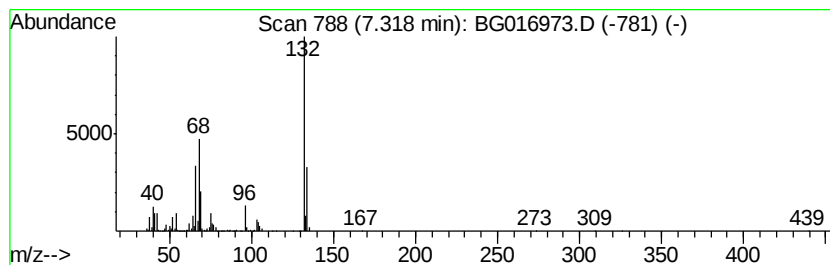
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown7.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	92.92 ng	1731000	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016973.D
Acq On : 9 May 2015 3:01
Operator : TP/IZ
Sample : G2059-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MWHR4-9

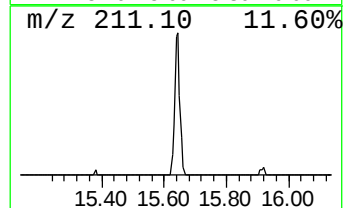
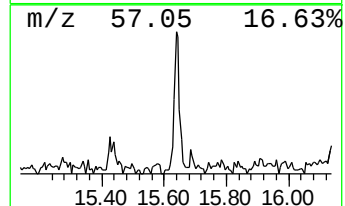
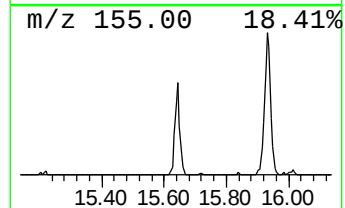
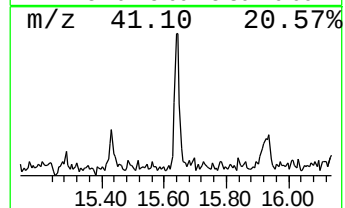
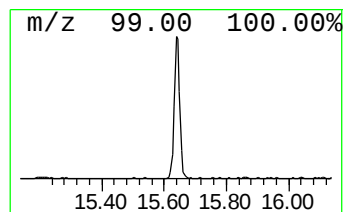
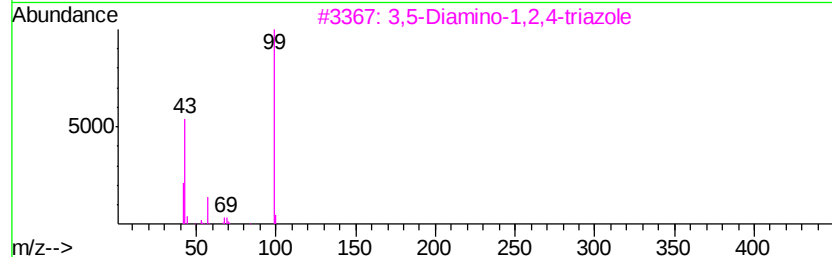
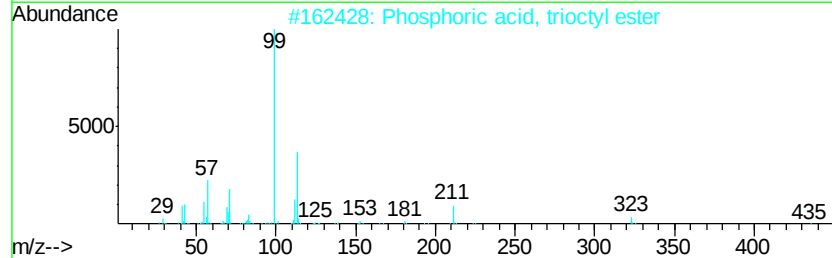
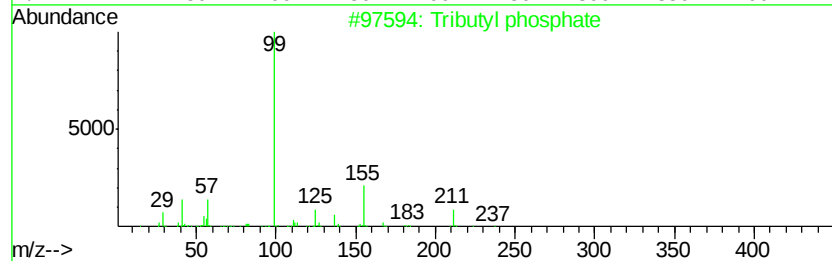
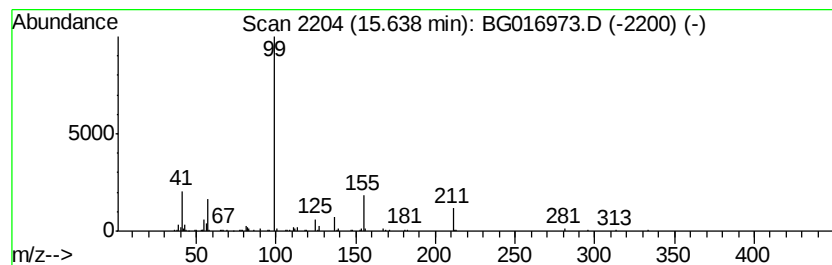
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tributyl phosphate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	2.94 ng	119478	Acenaphthene-d10	14.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tributyl phosphate	266	C12H27O4P	000126-73-8	91
2		Phosphoric acid, trioctyl ester	434	C24H51O4P	001806-54-8	42
3		3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	38
4		n-Butyl methylphosphonofluoridate	154	C5H12F02P	000352-63-6	33
5		Phosphoric acid, dibutyl 1-methy...	250	C11H23O4P	005954-40-5	33



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016973.D
Acq On : 9 May 2015 3:01
Operator : TP/IZ
Sample : G2059-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MWHHR4-9

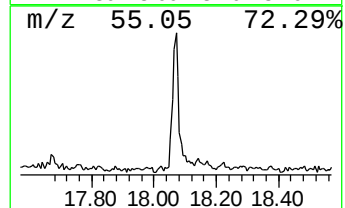
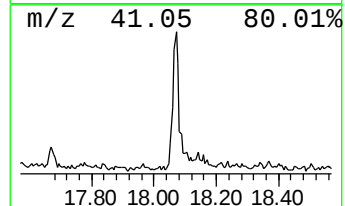
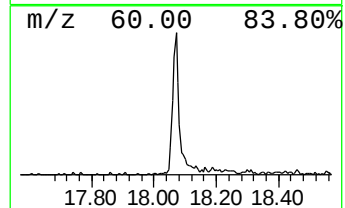
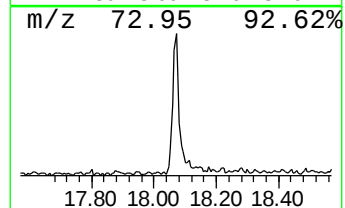
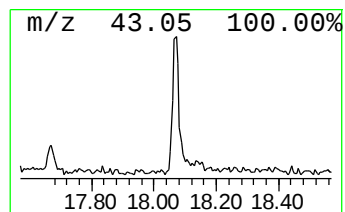
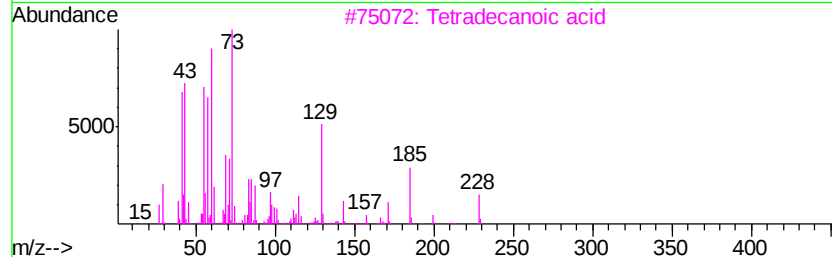
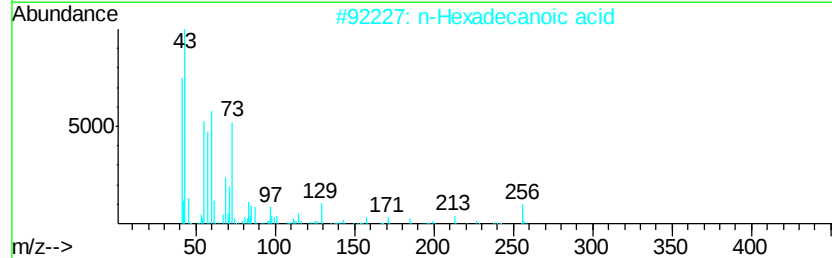
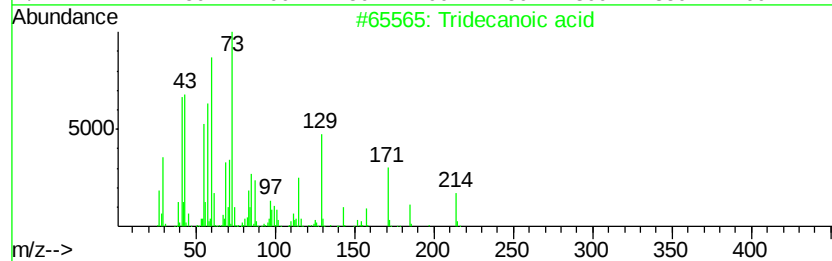
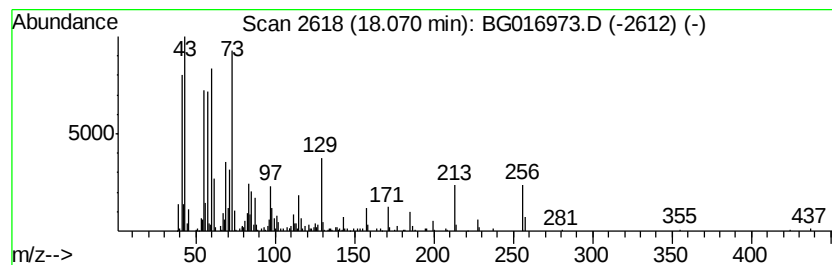
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	6.56 ng	355153	Phenanthrene-d10	17.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	95
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5		Undecanoic acid	186	C11H22O2	000112-37-8	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016973.D
Acq On : 9 May 2015 3:01
Operator : TP/IZ
Sample : G2059-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

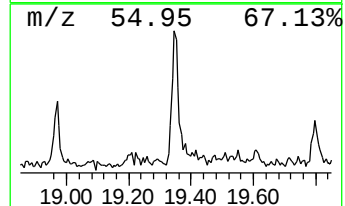
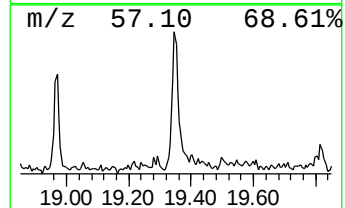
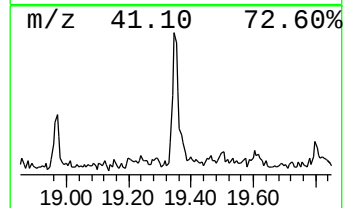
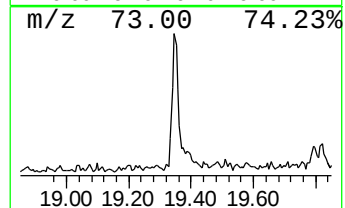
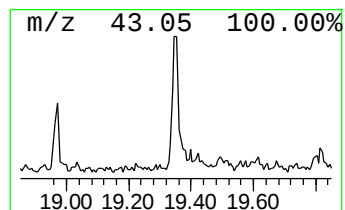
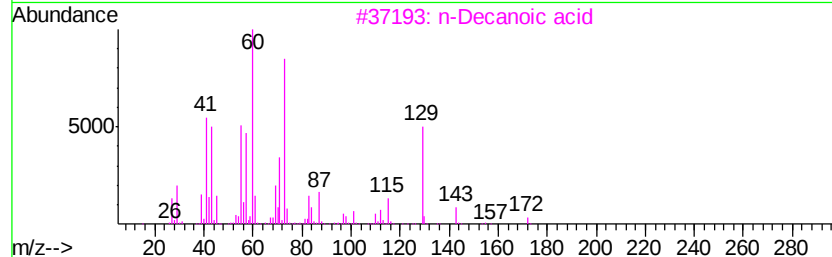
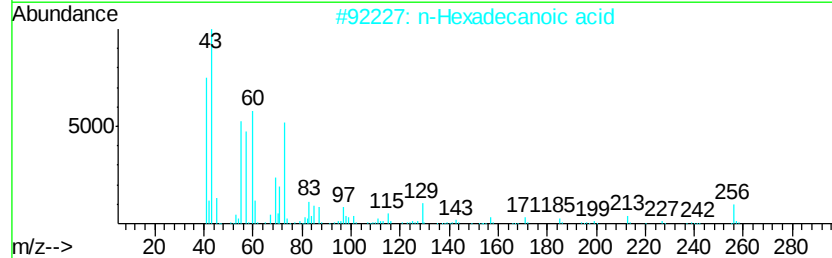
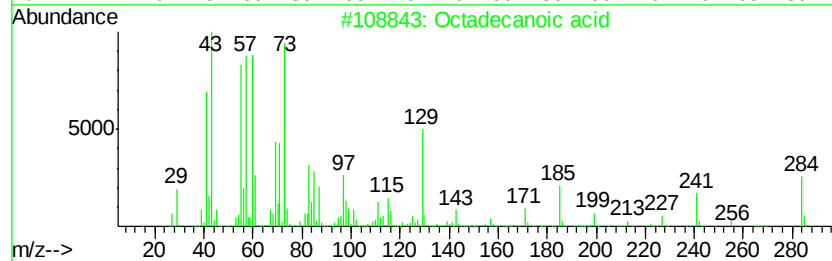
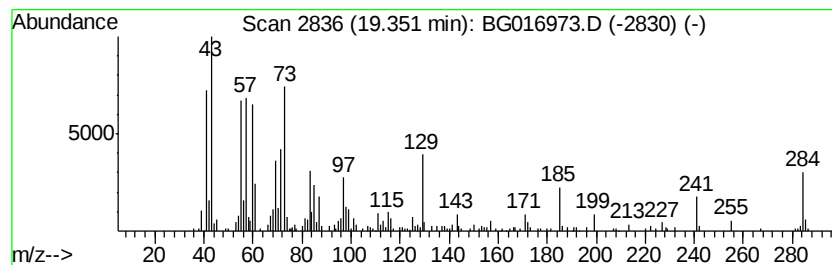
Instrument :
BNA_G
ClientSampleId :
MWHR4-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.35	4.68 ng	267741	Chrysene-d12		21.34
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	n-Decanoic acid	172	C10H20O2	000334-48-5	60
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Undecanoic acid	186	C11H22O2	000112-37-8	49



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016973.D
Acq On : 9 May 2015 3:01
Operator : TP/IZ
Sample : G2059-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

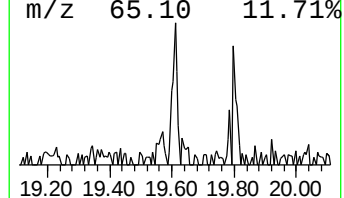
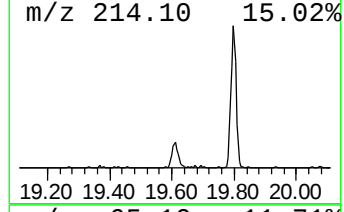
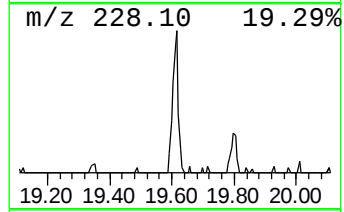
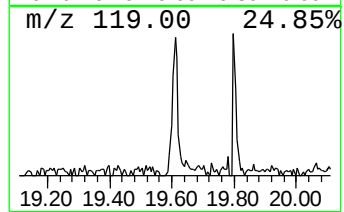
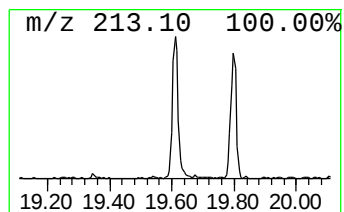
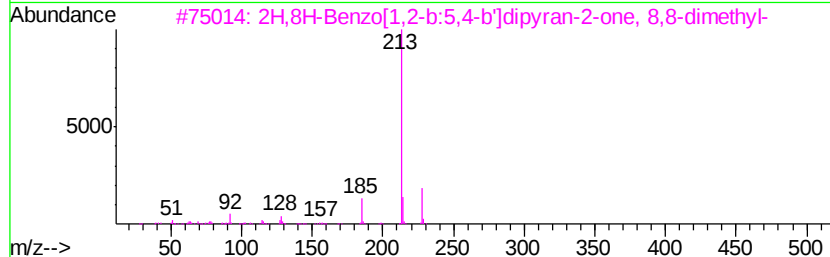
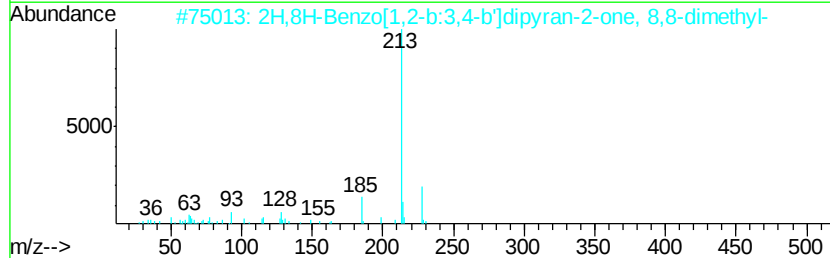
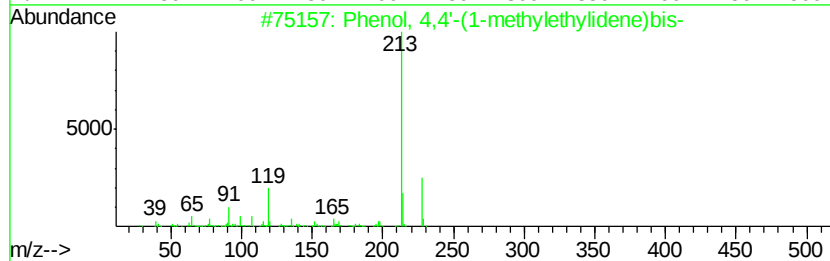
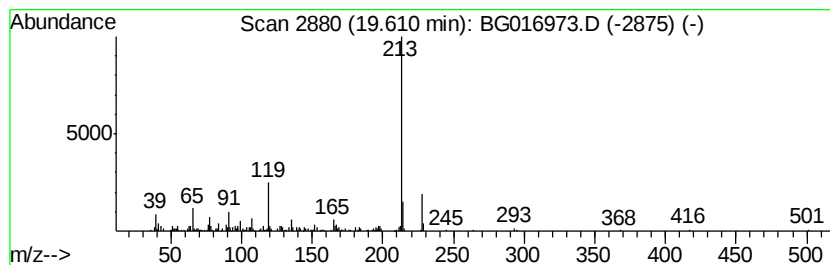
Instrument :
BNA_G
ClientSampleId :
MWH4-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenol, 4,4'-(1-methylethyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.61	2.20 ng	125899	Chrysene-d12	21.34		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	98	
2	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	64	
3	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	64	
4	2,2-Bis-(4-hyxrxyphenyl)-butane	242	C16H18O2	000077-40-7	53	
5	4H-Pyrazolo[5,1-c]-1,4-benzodiaz...	213	C11H7N3O2	1000277-20-1	50	



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016973.D
Acq On : 9 May 2015 3:01
Operator : TP/IZ
Sample : G2059-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MWHR4-9

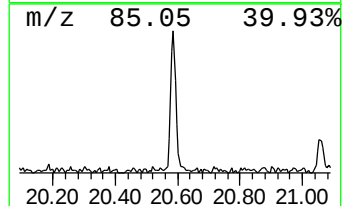
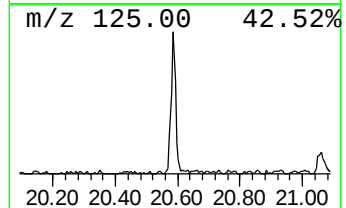
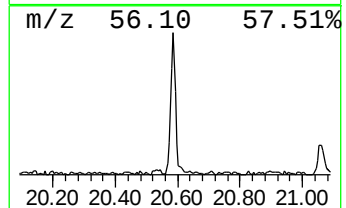
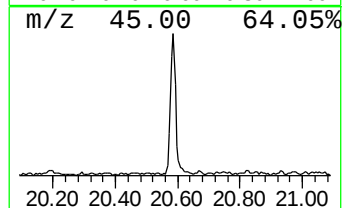
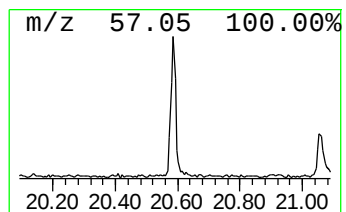
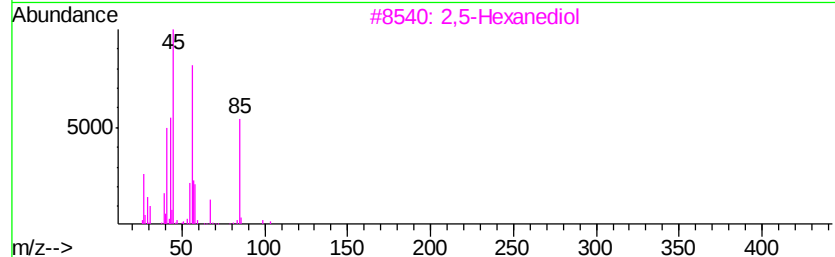
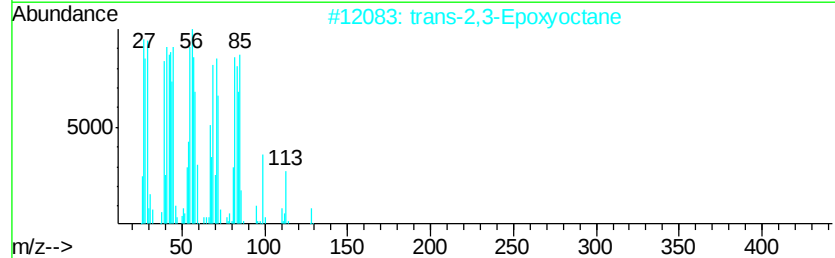
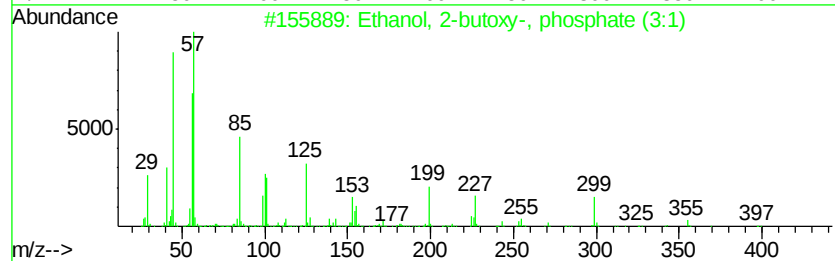
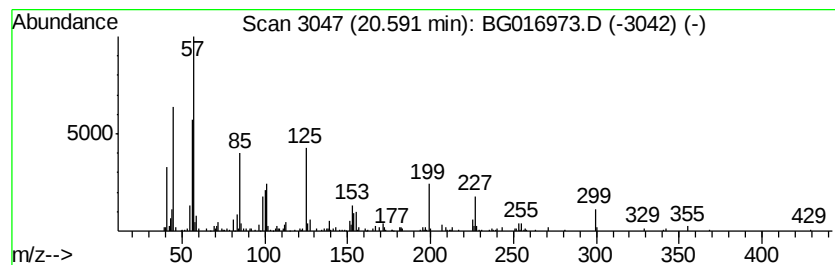
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Ethanol, 2-butoxy-, phospho... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	4.04 ng	231117	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	87
2		trans-2,3-Epoxyoctane	128	C8H16O	028180-70-3	38
3		2,5-Hexanediol	118	C6H14O2	002935-44-6	25
4		Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	22
5		Butane, 1-(ethenyloxy)-	100	C6H12O	000111-34-2	22



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016973.D
Acq On : 9 May 2015 3:01
Operator : TP/IZ
Sample : G2059-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

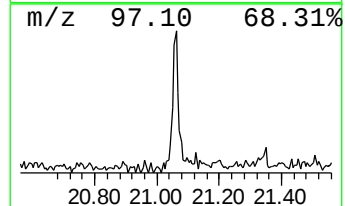
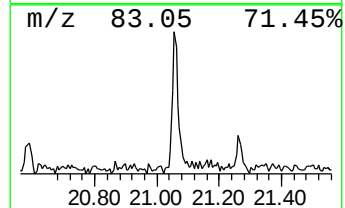
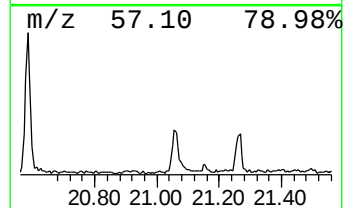
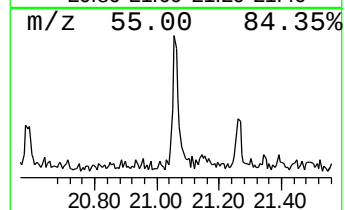
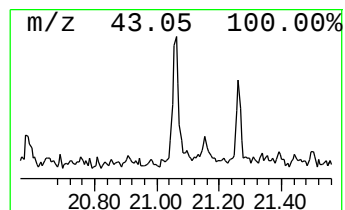
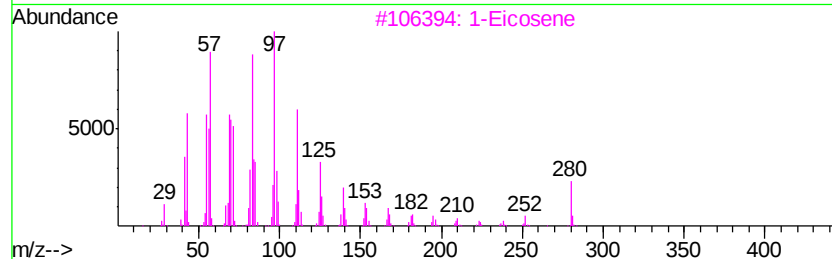
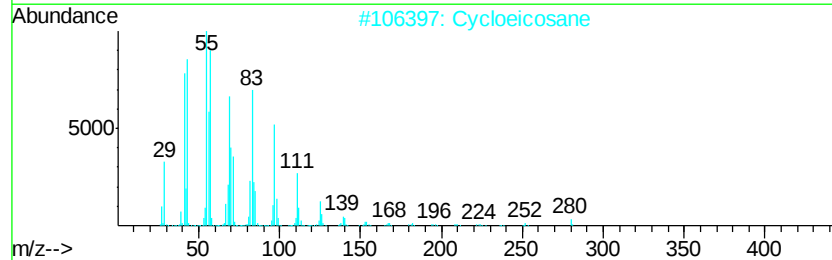
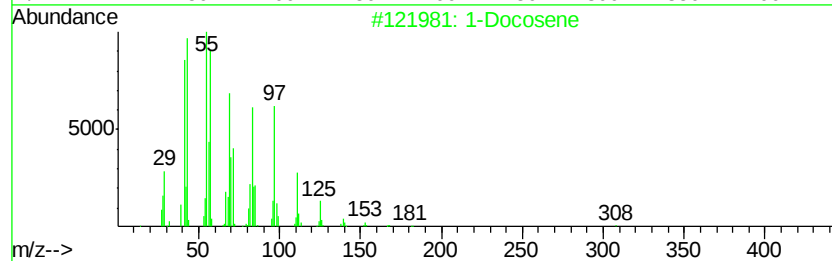
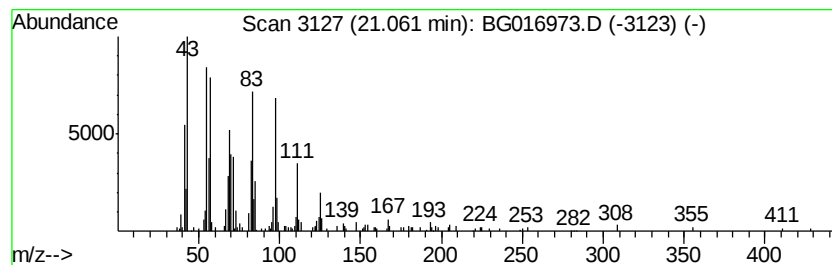
Instrument :
BNA_G
ClientSampleId :
MWHR4-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Docosene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.92 ng	167119	Chrysene-d12	21.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Docosene		308 C22H44	001599-67-3 96
2	Cycloeicosane		280 C20H40	000296-56-0 95
3	1-Eicosene		280 C20H40	003452-07-1 94
4	Bromoacetic acid, hexadecyl ester		362 C18H35BrO2	005454-48-8 94
5	1-Nonadecene		266 C19H38	018435-45-5 93



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016973.D
Acq On : 9 May 2015 3:01
Operator : TP/IZ
Sample : G2059-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MWH4-9

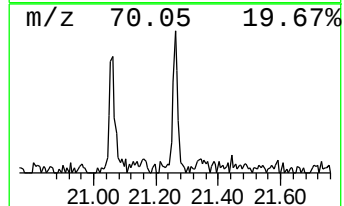
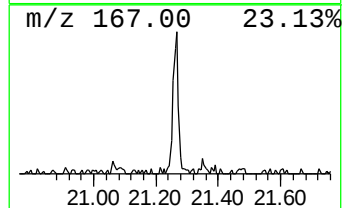
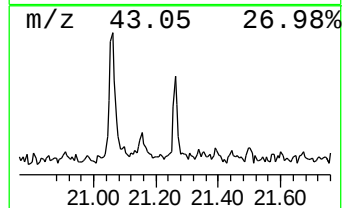
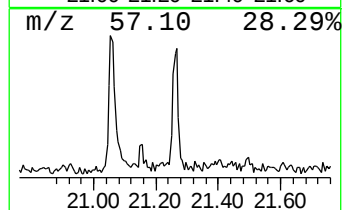
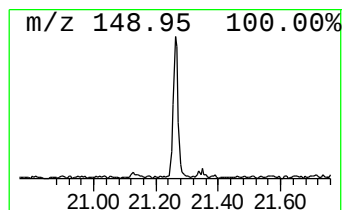
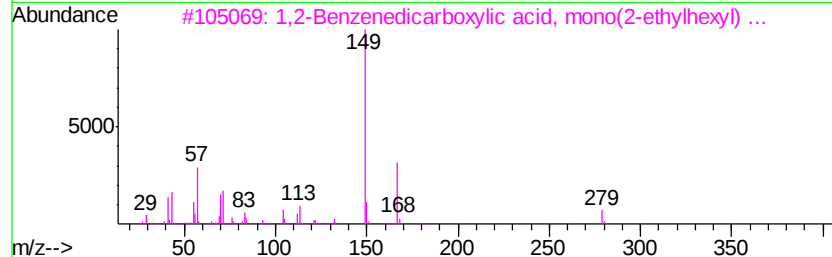
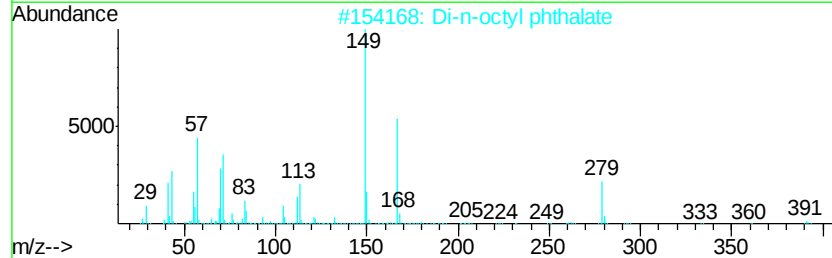
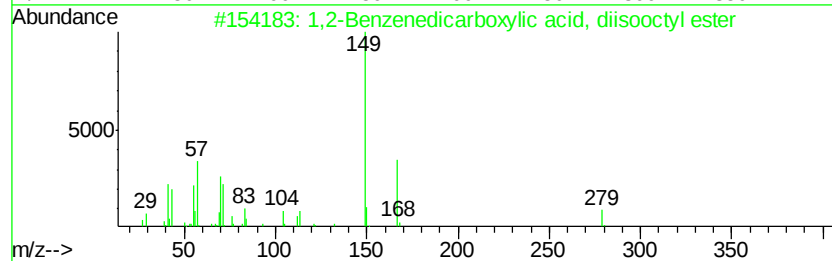
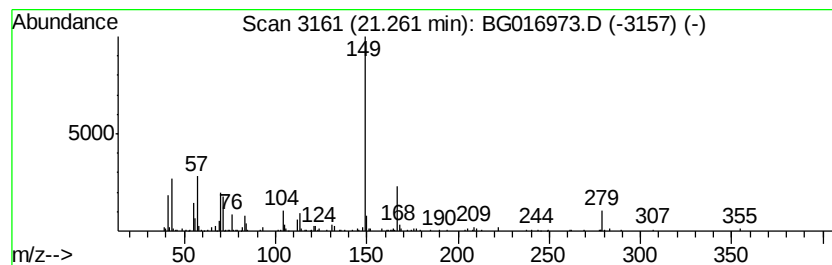
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,2-Benzenedicarboxylic aci... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.26	2.10 ng	119930	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	70
2		Di-n-octyl phthalate	390	C24H38O4	000117-84-0	49
3		1,2-Benzenedicarboxylic acid, mo...	278	C16H22O4	004376-20-9	49
4		Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	47
5		1,2-Benzenedicarboxylic acid, de...	418	C26H42O4	000119-07-3	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016973.D
Acq On : 9 May 2015 3:01
Operator : TP/IZ
Sample : G2059-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MWHR4-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.99	42.5	ng	790954	1	7.79	372571	20.0
unknown4.91	4.91	3.0	ng	56791	1	7.79	372571	20.0
unknown7.32	7.32	92.9	ng	1731000	1	7.79	372571	20.0
Tributyl phosphate	15.64	2.9	ng	119478	3	14.43	814092	20.0
Tridecanoic acid	18.07	6.6	ng	355153	4	17.17	1082820	20.0
Octadecanoic acid	19.35	4.7	ng	267741	5	21.34	1143170	20.0
Phenol, 4,4'-(1-m...	19.61	2.2	ng	125899	5	21.34	1143170	20.0
Ethanol, 2-butoxy...	20.59	4.0	ng	231117	5	21.34	1143170	20.0
1-Docosene	21.06	2.9	ng	167119	5	21.34	1143170	20.0
1,2-Benzenedicarb...	21.26	2.1	ng	119930	5	21.34	1143170	20.0