

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042016\
 Data File : BG021775.D
 Acq On : 20 Apr 2016 4:14
 Operator : UM/SJ
 Sample : H2617-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-931WB(N)(19)

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-BG041316.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	3.091	38	43	62	rVB	723893	972097	51.56%	8.272%
2	3.361	84	89	97	rVB	75876	103960	5.51%	0.885%
3	3.485	105	110	120	rVB	97061	139578	7.40%	1.188%
4	4.672	307	312	319	rBV	37045	55428	2.94%	0.472%
5	4.865	339	345	351	rBV2	19282	29293	1.55%	0.249%
6	5.165	391	396	403	rVB	36880	60843	3.23%	0.518%
7	5.283	410	416	426	rVB	175165	267831	14.20%	2.279%
8	5.576	460	466	474	rBV	12540	21596	1.15%	0.184%
9	5.759	485	497	509	rBV2	396415	767230	40.69%	6.529%
10	5.988	529	536	544	rVB	54077	89195	4.73%	0.759%
11	7.363	762	770	778	rBV	440494	759964	40.31%	6.467%
12	7.739	826	834	840	rBV	403842	732683	38.86%	6.235%
13	8.209	908	914	927	rVB	82242	145828	7.73%	1.241%
14	8.538	960	970	977	rBV	279211	504055	26.73%	4.289%
15	9.378	1105	1113	1121	rBV	259773	473862	25.13%	4.032%
16	11.029	1387	1394	1402	rVB	129791	235785	12.51%	2.006%
17	13.450	1797	1806	1812	rBV	797737	1257098	66.67%	10.697%
18	14.260	1938	1944	1950	rBV	72360	105783	5.61%	0.900%
19	14.689	2012	2017	2021	rVB	18327	22567	1.20%	0.192%
20	14.819	2032	2039	2049	rVB2	235385	377892	20.04%	3.216%
21	15.635	2173	2178	2183	rVB	35013	47927	2.54%	0.408%
22	16.029	2237	2245	2251	rBV2	11736	26998	1.43%	0.230%
23	16.299	2285	2291	2302	rVB	614996	922121	48.91%	7.847%
24	16.493	2319	2324	2334	rBV	41361	72821	3.86%	0.620%
25	17.280	2454	2458	2462	rBV2	23586	29785	1.58%	0.253%
26	17.557	2498	2505	2519	rBV	289486	455157	24.14%	3.873%
27	20.142	2938	2945	2951	rVB	1399336	1885493	100.00%	16.044%
28	21.434	3160	3165	3174	rBV	47126	79259	4.20%	0.674%
29	21.828	3224	3232	3242	rVB	310126	537070	28.48%	4.570%
30	23.532	3517	3522	3530	rVB2	26673	52120	2.76%	0.444%
31	25.153	3788	3798	3809	rVB2	181117	520565	27.61%	4.430%

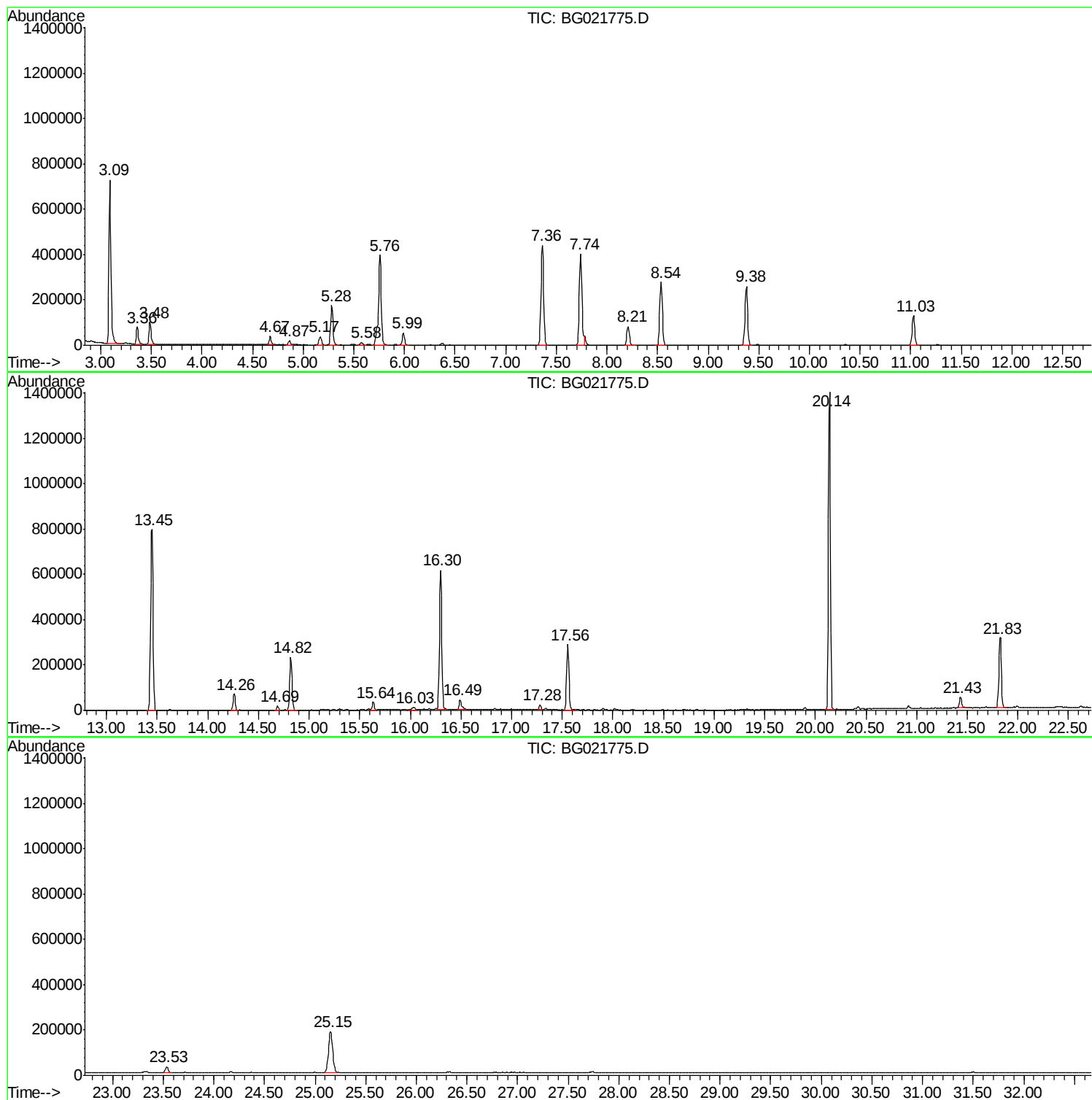
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-931WB(N)(19)

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.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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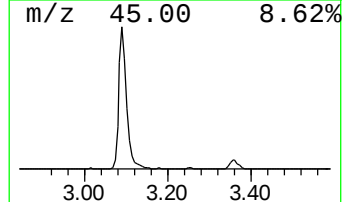
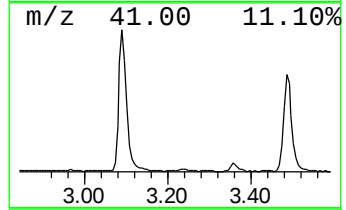
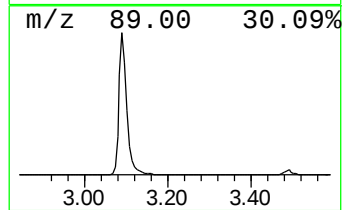
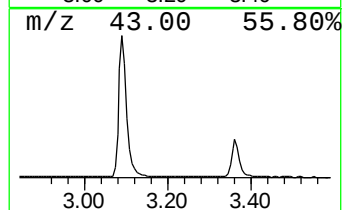
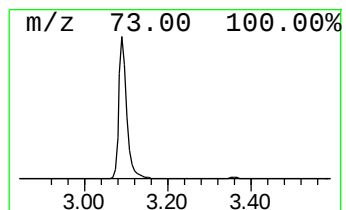
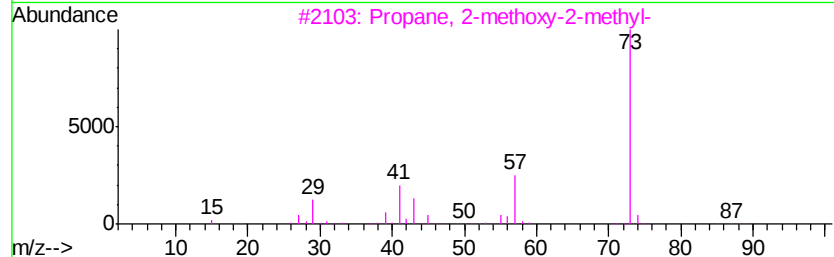
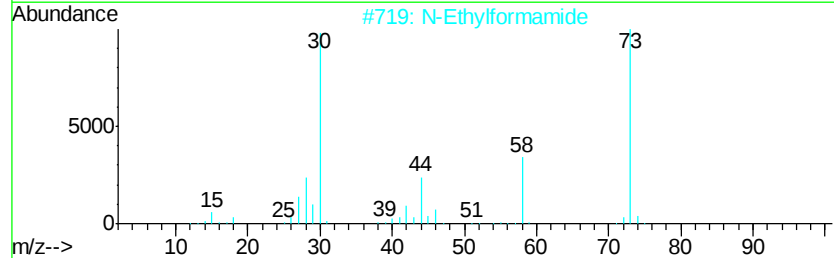
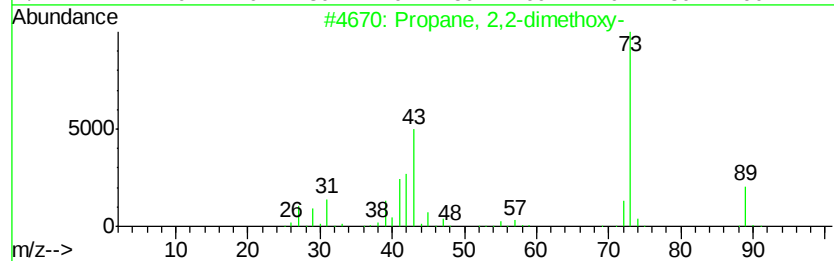
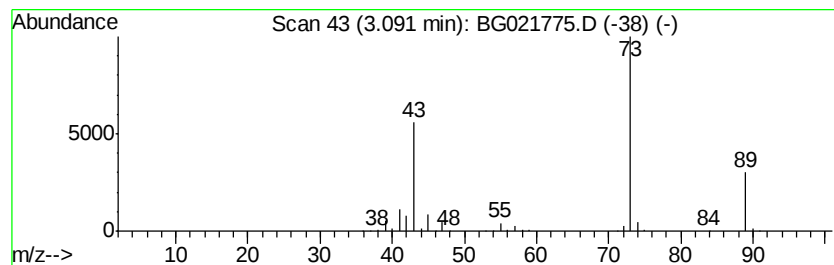
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	133.32 ng	972097	1,4-Dichlorobenzene-d4	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2		N-Ethylformamide	73	C3H7NO	000627-45-2	9
3		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



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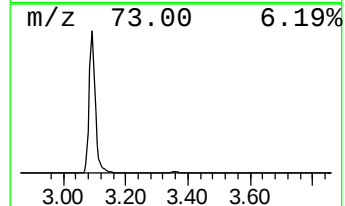
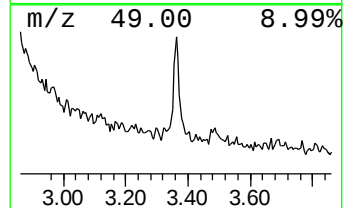
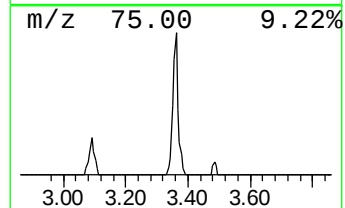
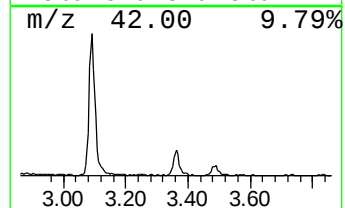
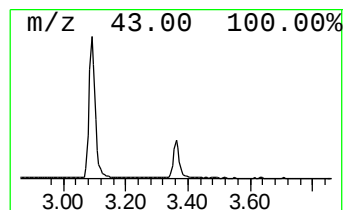
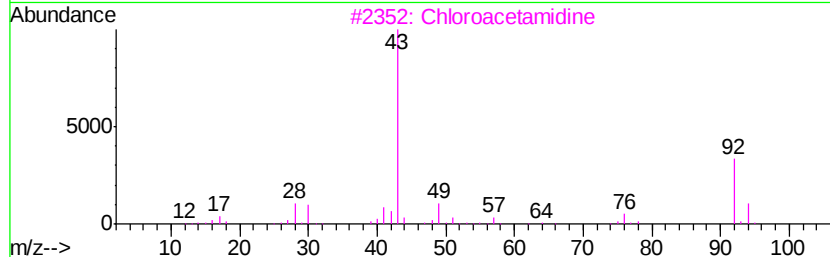
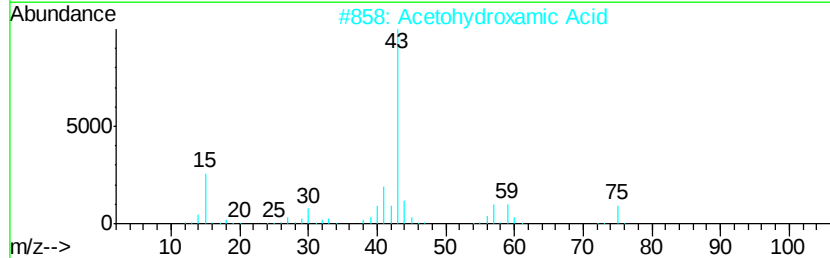
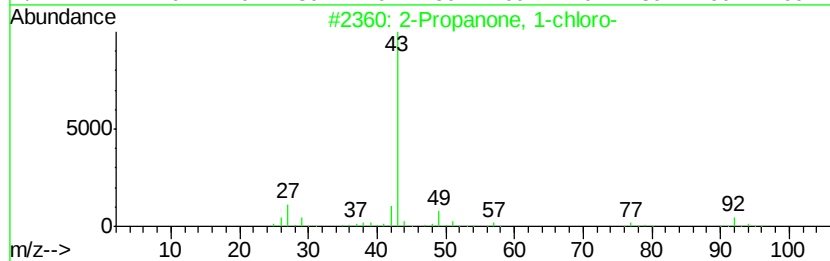
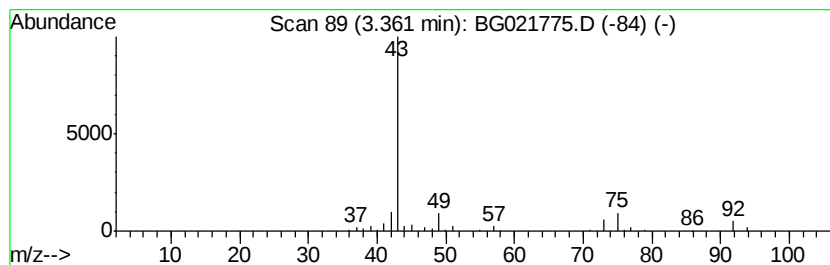
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Peak Number 2 2-Propanone, 1-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.36	14.26 ng	103960	1,4-Dichlorobenzene-d4	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanone, 1-chloro-	92	C3H5ClO	000078-95-5	52
2		Acetohydroxamic Acid	75	C2H5NO2	000546-88-3	9
3		Chloroacetamidine	92	C2H5ClN2	020846-52-0	9
4		Glycine	75	C2H5NO2	000056-40-6	5
5		Hydrazinecarboxamide	75	CH5N3O	000057-56-7	4



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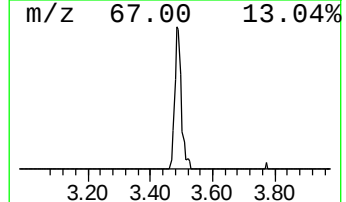
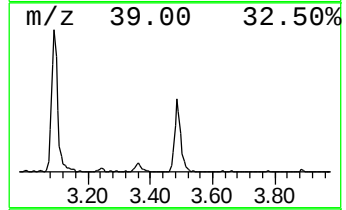
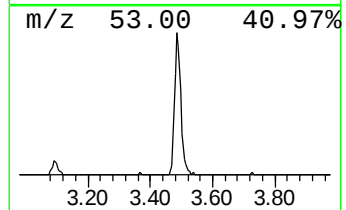
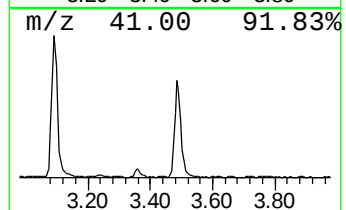
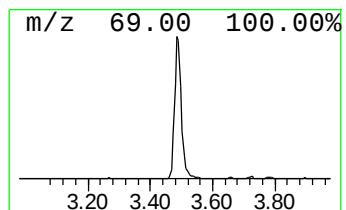
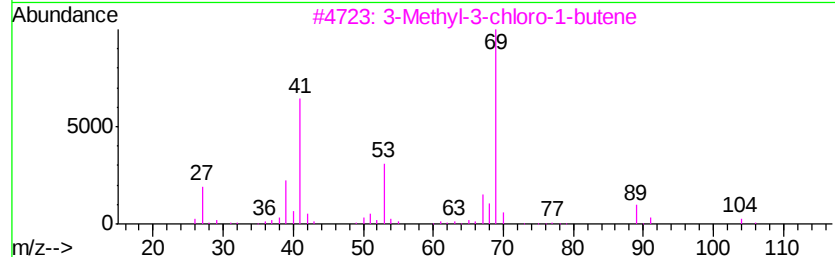
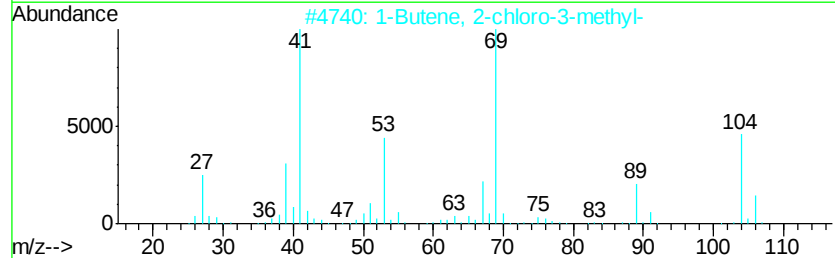
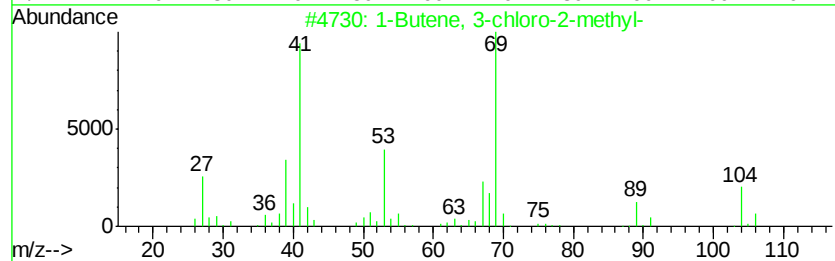
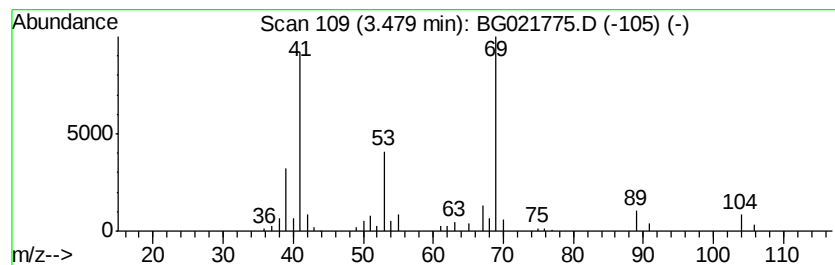
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Butene, 3-chloro-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.48	19.14 ng	139578	1,4-Dichlorobenzene-d4	8.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Butene, 3-chloro-2-methyl-	104	C5H9Cl	005166-35-8	90
2			1-Butene, 2-chloro-3-methyl-	104	C5H9Cl	017773-64-7	90
3			3-Methyl-3-chloro-1-butene	104	C5H9Cl	002190-48-9	78
4			2-Butene, 1-chloro-2-methyl-	104	C5H9Cl	013417-43-1	78
5			1-Butene, 2-(chloromethyl)-	104	C5H9Cl	023010-02-8	64



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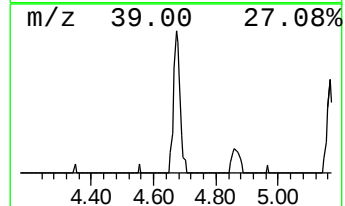
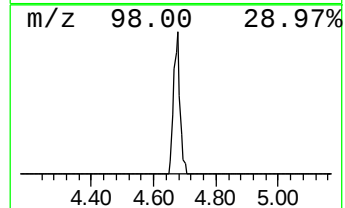
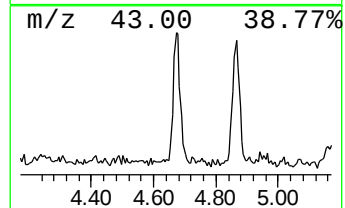
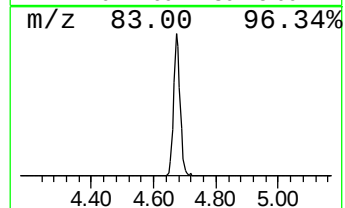
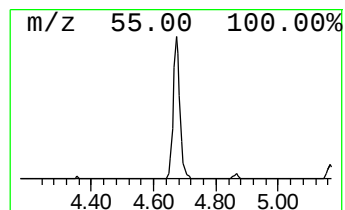
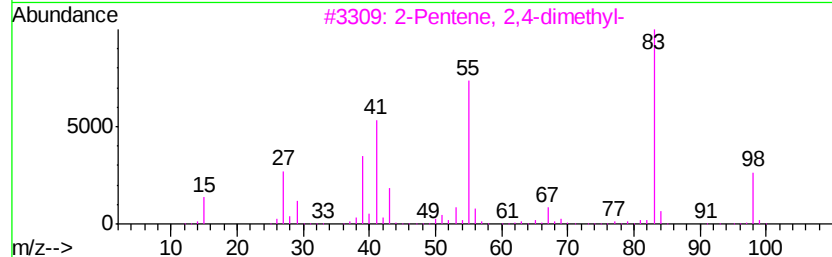
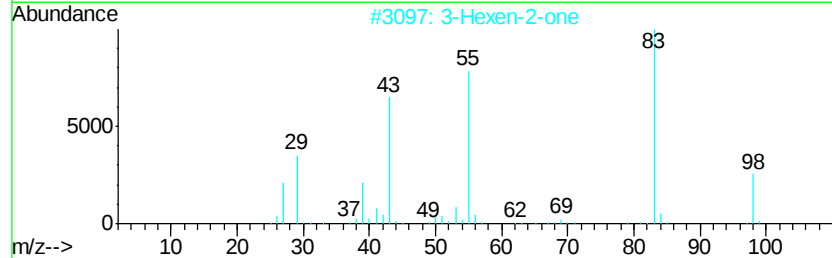
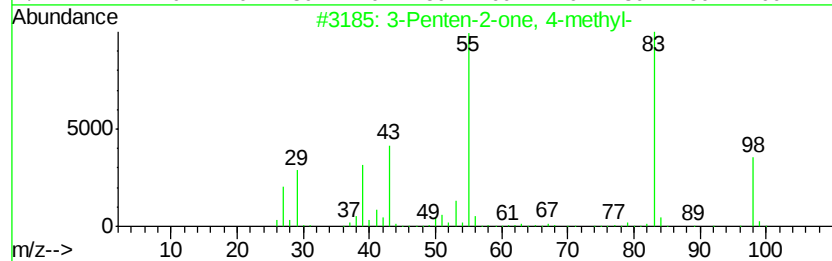
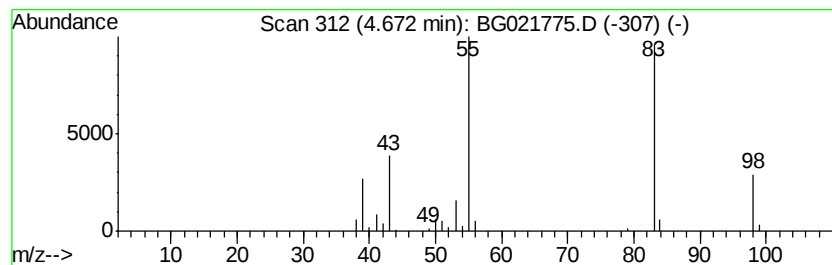
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 3-Penten-2-one, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	7.60 ng	55428	1,4-Dichlorobenzene-d4	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2		3-Hexen-2-one	98	C6H10O	000763-93-9	90
3		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
4		2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
5		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86



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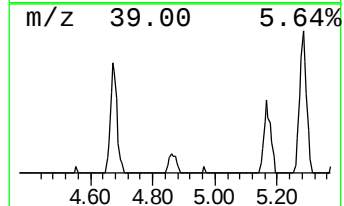
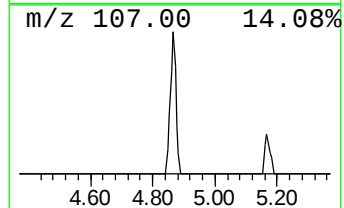
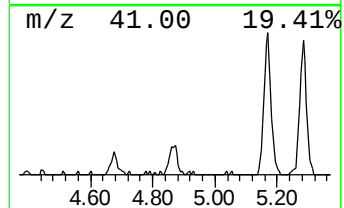
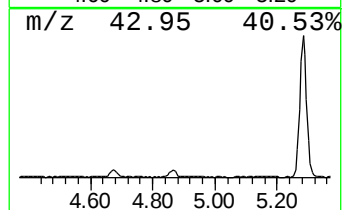
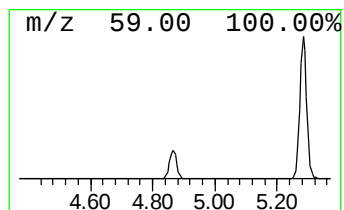
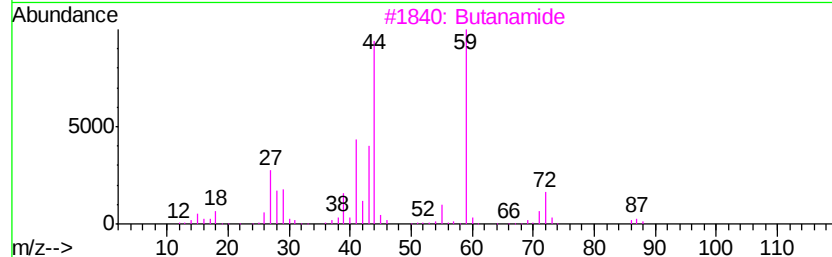
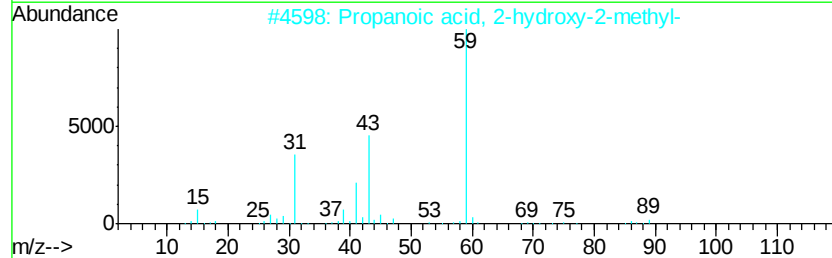
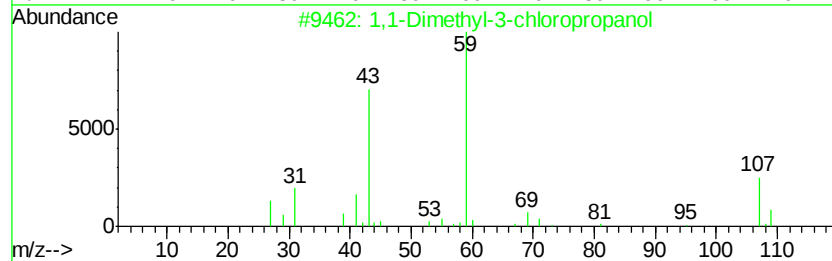
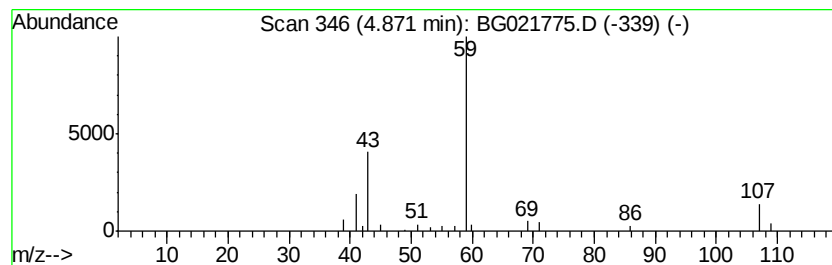
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1,1-Dimethyl-3-chloropropanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	4.02 ng	29293	1,4-Dichlorobenzene-d4	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1-Dimethyl-3-chloropropanol	122	C5H11ClO	001985-88-2	83
2		Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	45
3		Butanamide	87	C4H9NO	000541-35-5	39
4		1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	38
5		4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	38



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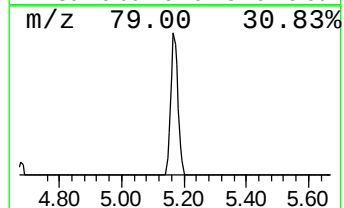
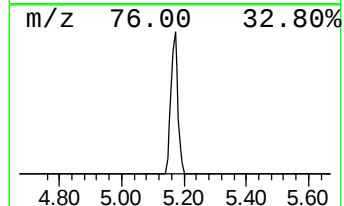
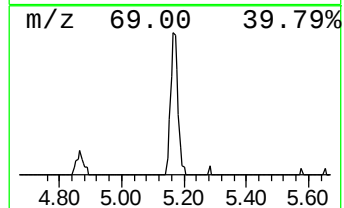
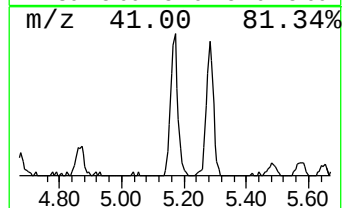
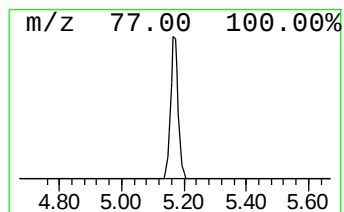
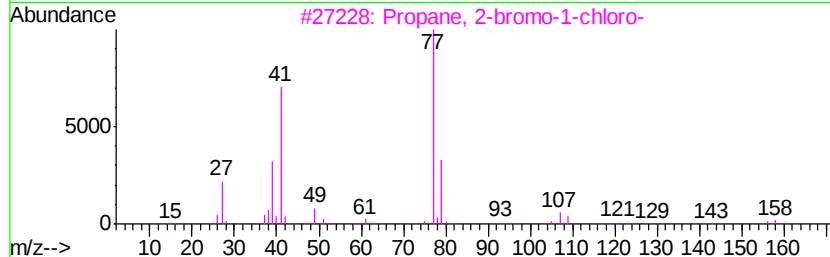
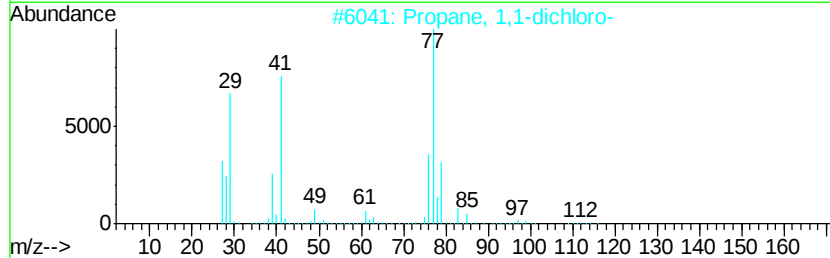
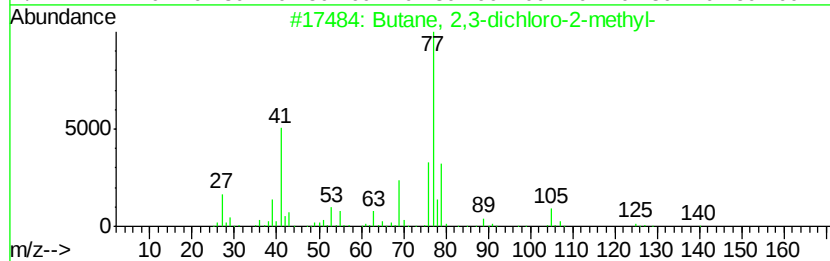
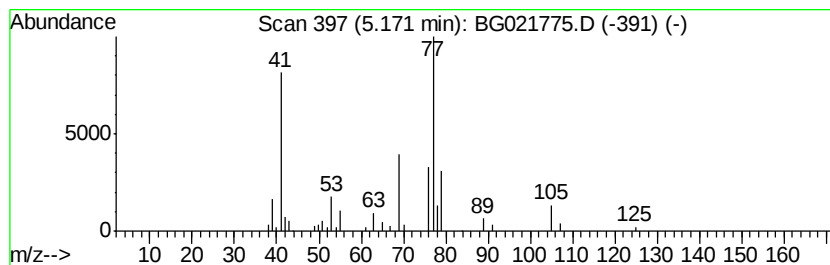
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Butane, 2,3-dichloro-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	8.34 ng	60843	1,4-Dichlorobenzene-d4	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2,3-dichloro-2-methyl-	140	C5H10Cl2	000507-45-9	83
2		Propane, 1,1-dichloro-	112	C3H6Cl2	000078-99-9	38
3		Propane, 2-bromo-1-chloro-	156	C3H6BrCl	003017-95-6	28
4		Butane, 1,3-dichloro-3-methyl-	140	C5H10Cl2	000624-96-4	16
5		Benzo-1,2,3-triazin-4(3H)-one, 3...	162	C7H6N4O	041225-81-4	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042016\
Data File : BG021775.D
Acq On : 20 Apr 2016 4:14
Operator : UM/SJ
Sample : H2617-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-931WB(N)(19)

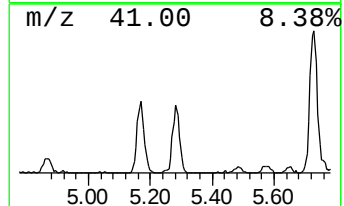
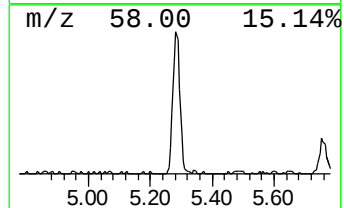
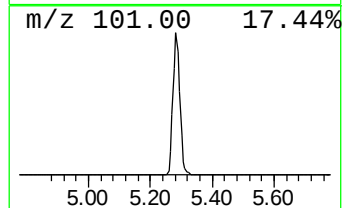
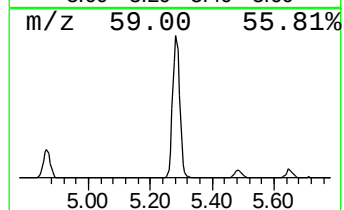
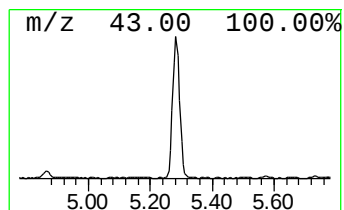
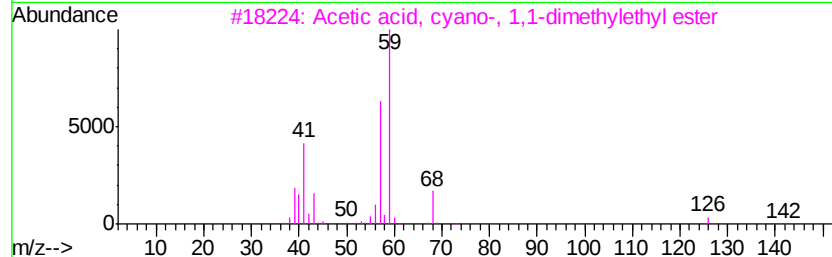
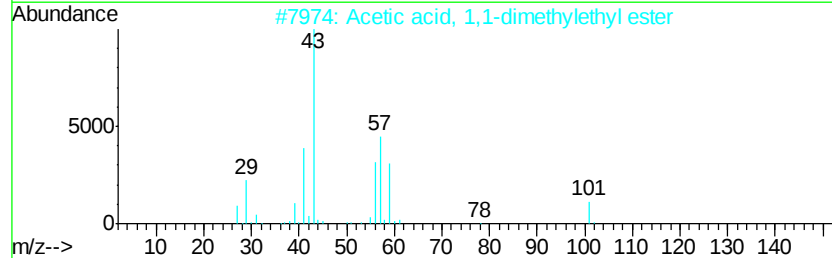
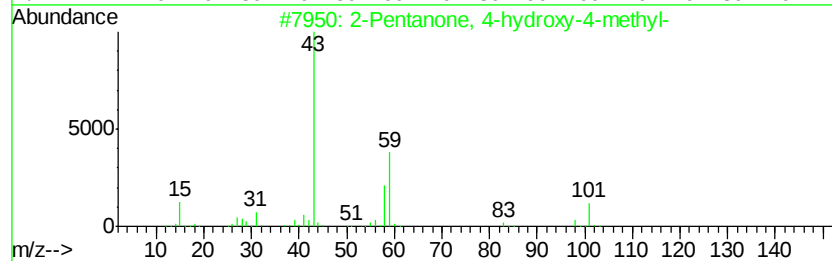
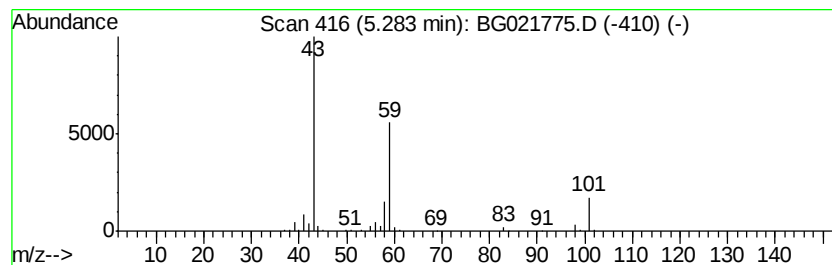
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	36.73 ng	267831	1,4-Dichlorobenzene-d4	8.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042016\
Data File : BG021775.D
Acq On : 20 Apr 2016 4:14
Operator : UM/SJ
Sample : H2617-01
Misc :
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Instrument :
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ClientSampleId :
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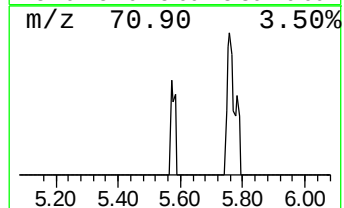
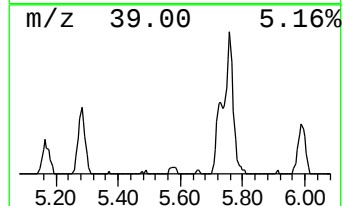
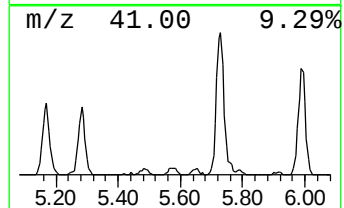
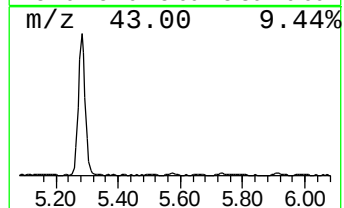
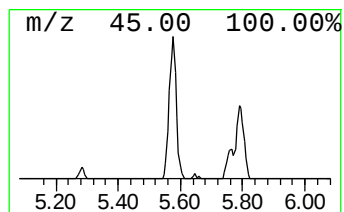
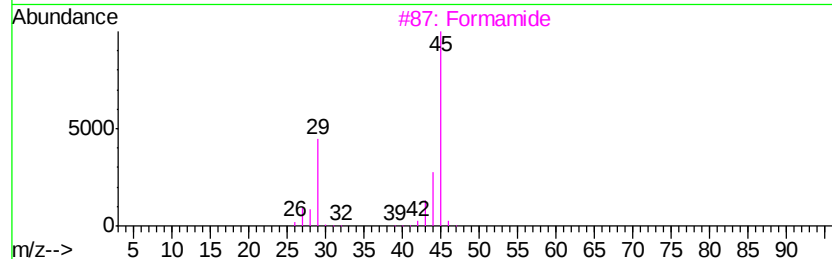
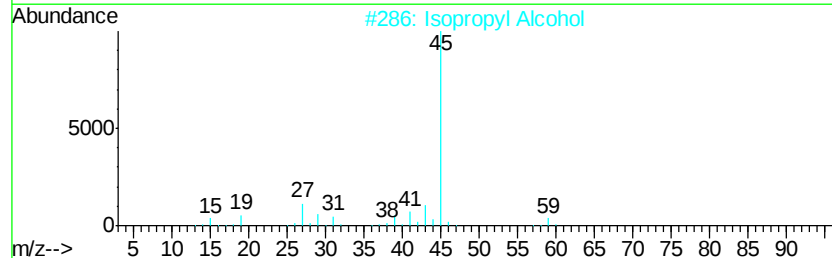
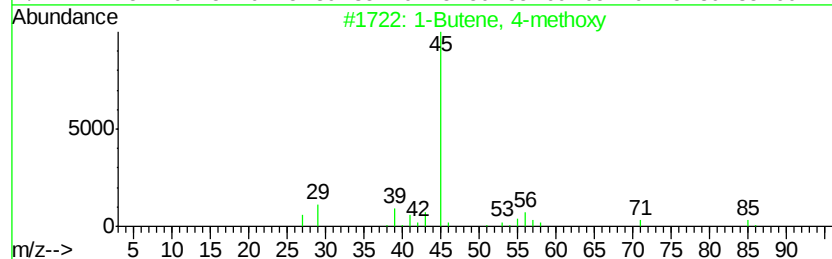
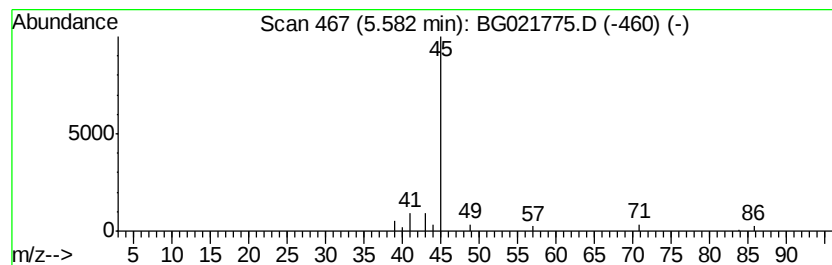
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown5.58 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.58	2.96 ng	21596	1,4-Dichlorobenzene-d4	8.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Butene, 4-methoxy	86	C5H10O	004696-30-4	40
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	9
3			Formamide	45	CH3NO	000075-12-7	7
4			2-Butanol, 3-chloro-, (R*,S*)-	108	C4H9ClO	010325-41-4	4
5			Methyltartronic acid	134	C4H6O5	000595-98-2	4



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042016\
Data File : BG021775.D
Acq On : 20 Apr 2016 4:14
Operator : UM/SJ
Sample : H2617-01
Misc :
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Instrument :
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ClientSampleId :
B-931WB(N)(19)

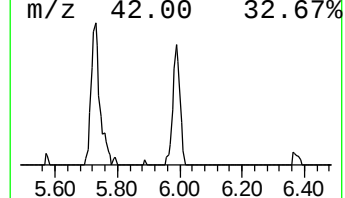
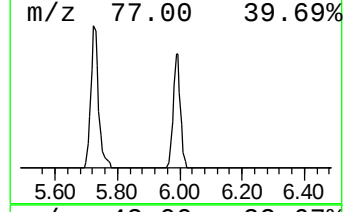
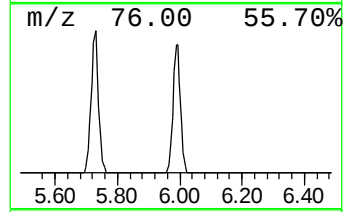
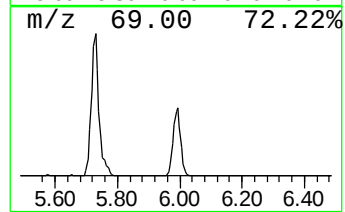
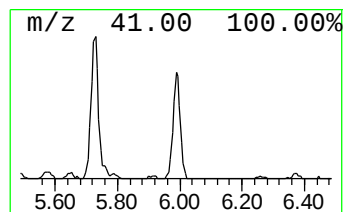
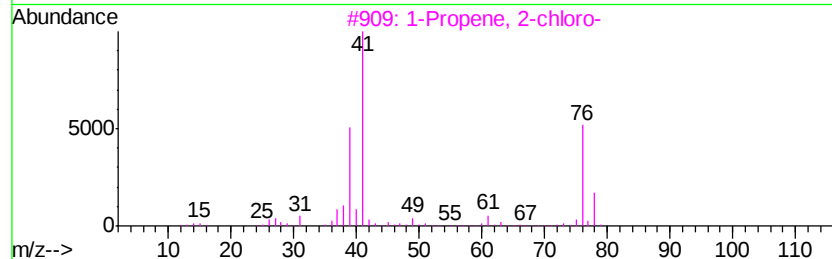
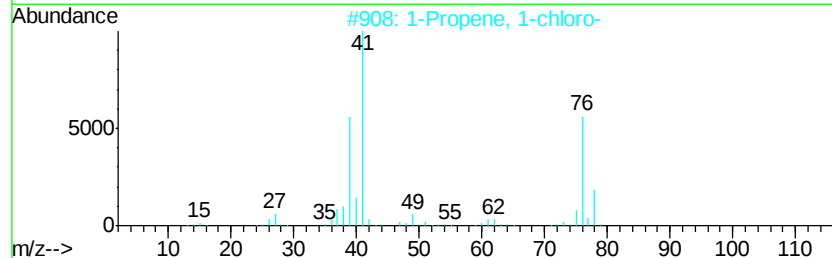
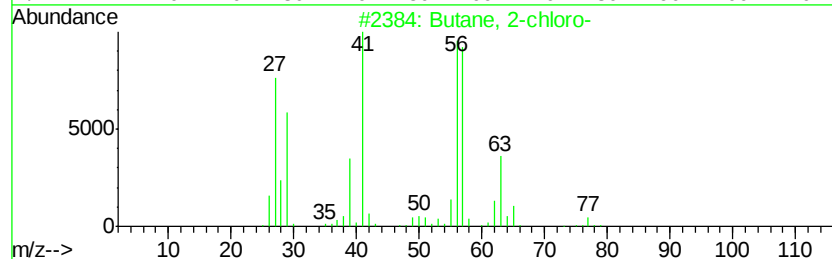
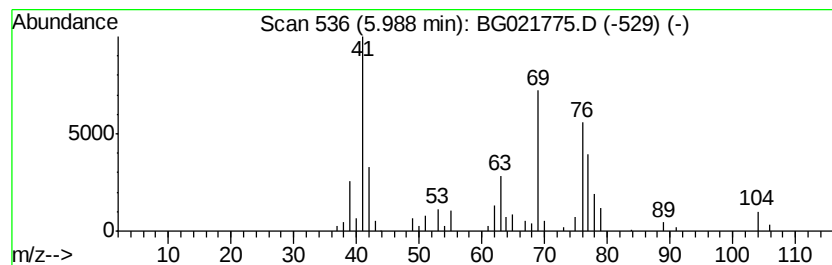
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown5.99 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.99	12.23 ng	89195	1,4-Dichlorobenzene-d4	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-chloro-	92	C4H9Cl	000078-86-4	22
2		1-Propene, 1-chloro-	76	C3H5Cl	000590-21-6	10
3		1-Propene, 2-chloro-	76	C3H5Cl	000557-98-2	10
4		1-Propene, 1-chloro-, (Z)-	76	C3H5Cl	016136-84-8	10
5		Allyl chloride	76	C3H5Cl	000107-05-1	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042016\
Data File : BG021775.D
Acq On : 20 Apr 2016 4:14
Operator : UM/SJ
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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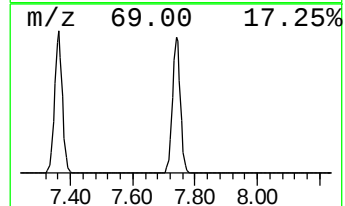
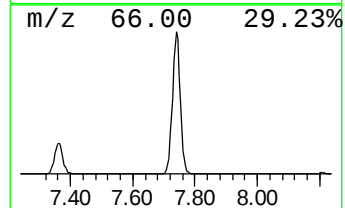
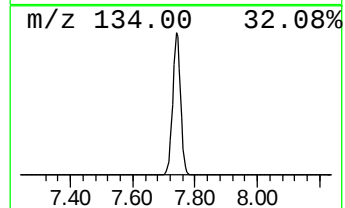
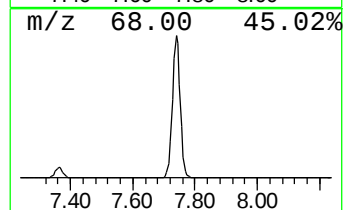
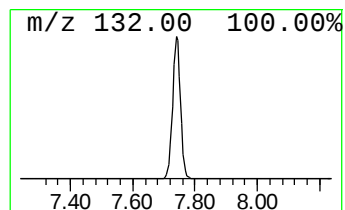
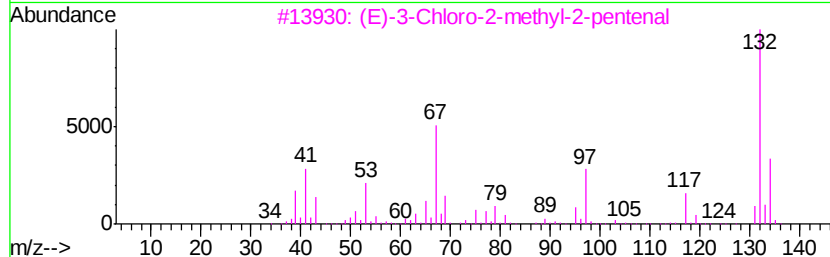
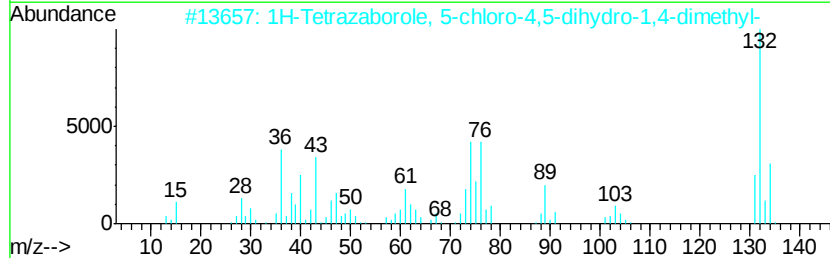
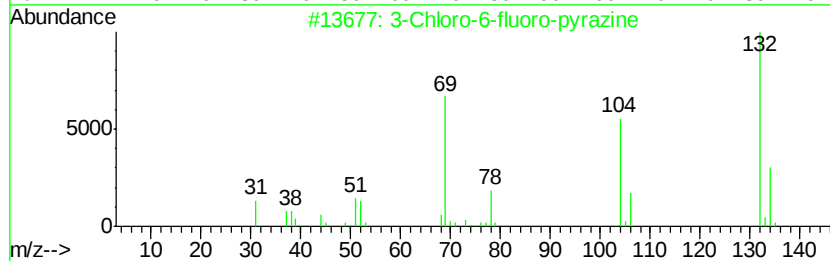
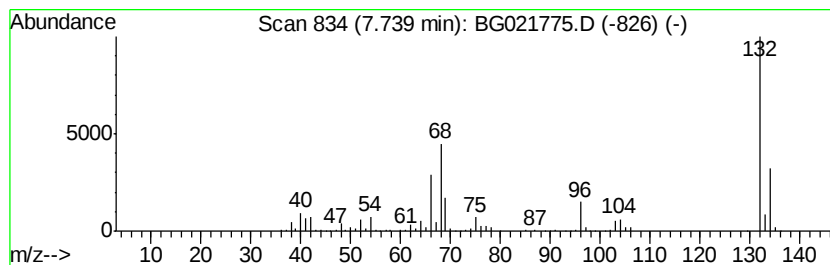
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown7.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	100.49 ng	732683	1,4-Dichlorobenzene-d4	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1H-Tetrazaborole, 5-chloro-4,5-d...	132	C2H6BClN4	021960-49-6	16
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042016\
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Acq On : 20 Apr 2016 4:14
Operator : UM/SJ
Sample : H2617-01
Misc :
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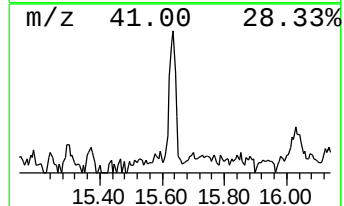
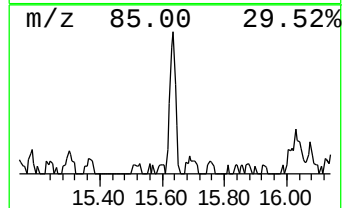
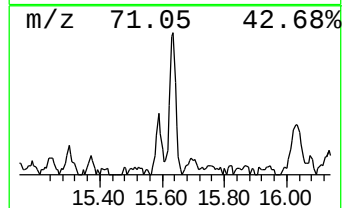
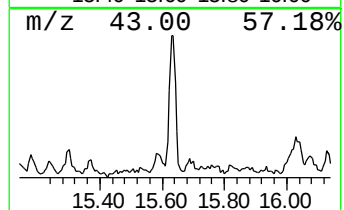
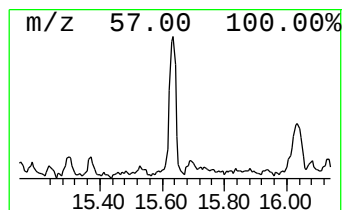
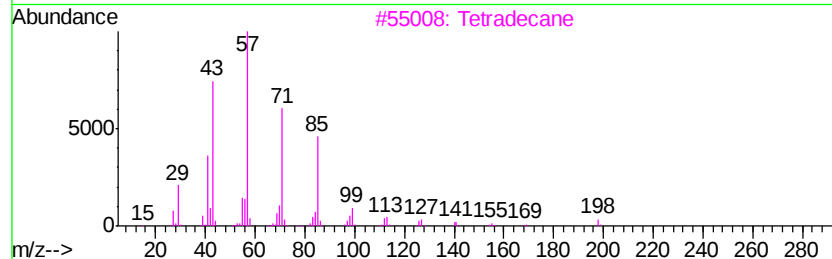
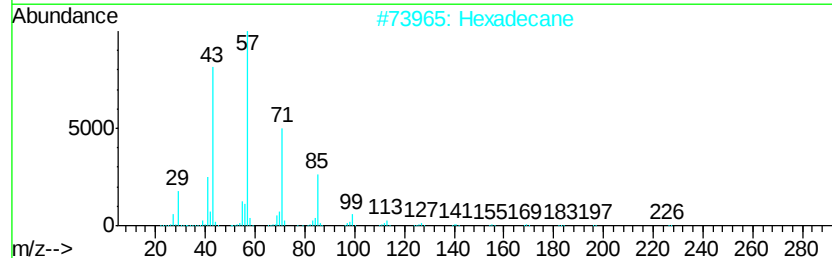
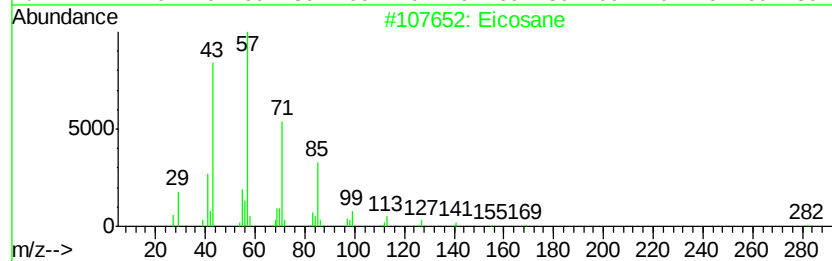
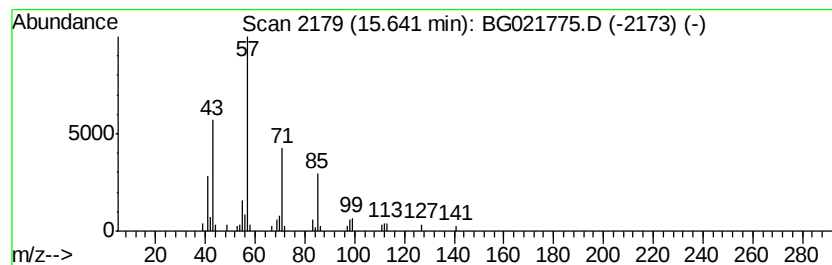
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.64	2.54 ng	47927	Acenaphthene-d10		14.82
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Tridecane	184	C13H28	000629-50-5	86
5	Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042016\
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Misc :
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ClientSampleId :
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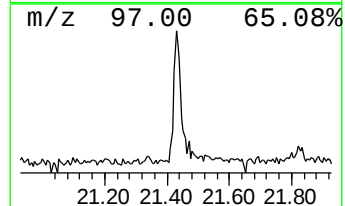
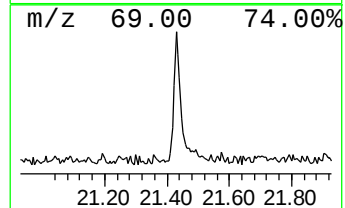
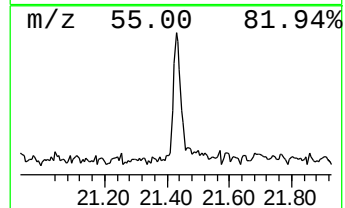
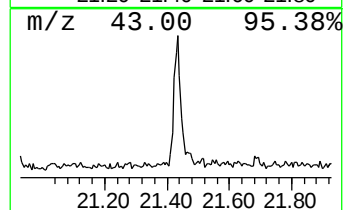
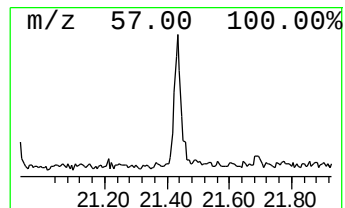
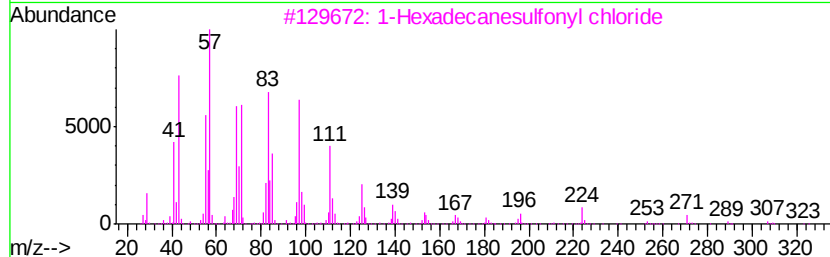
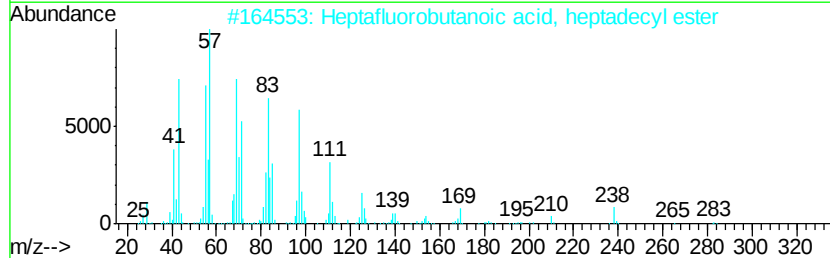
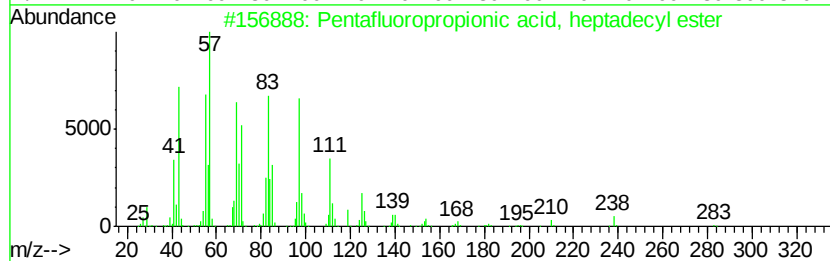
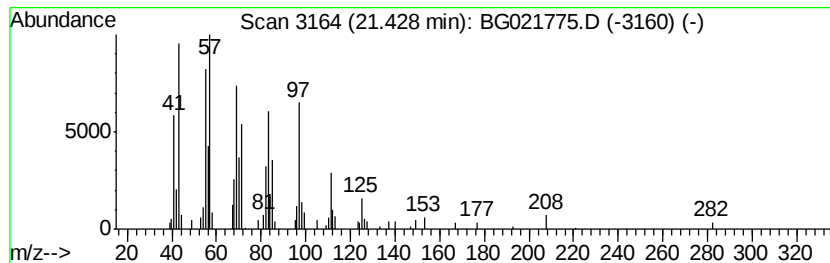
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Pentafluoropropionic acid, ... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	2.95 ng	79259	Chrysene-d12	21.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
2			Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90
3			1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	86
4			17-Pentatriacontene	491	C35H70	006971-40-0	86
5			1-Octadecanol	270	C18H38O	000112-92-5	81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042016\
Data File : BG021775.D
Acq On : 20 Apr 2016 4:14
Operator : UM/SJ
Sample : H2617-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-931WB(N)(19)

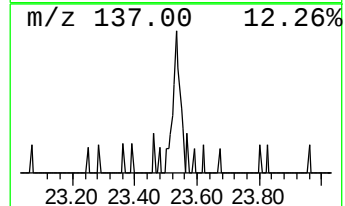
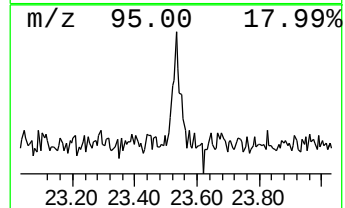
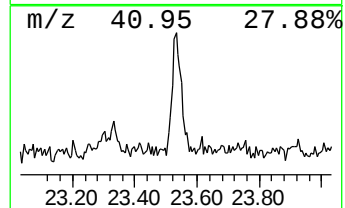
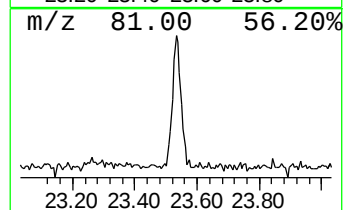
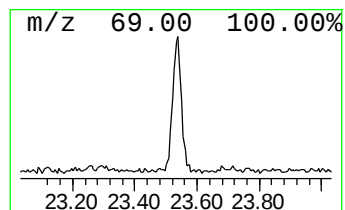
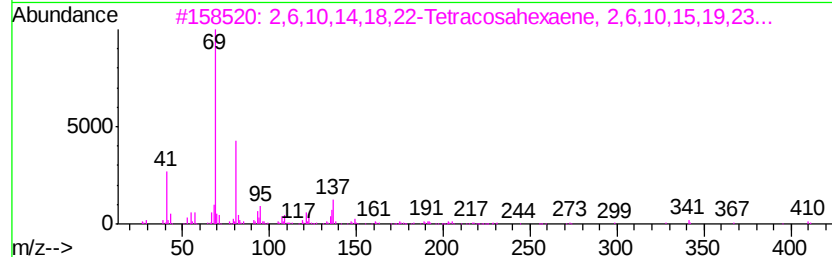
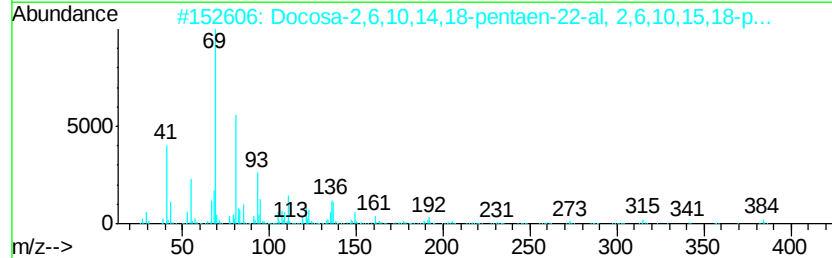
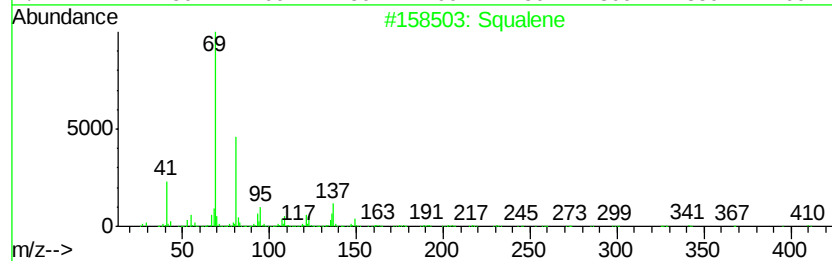
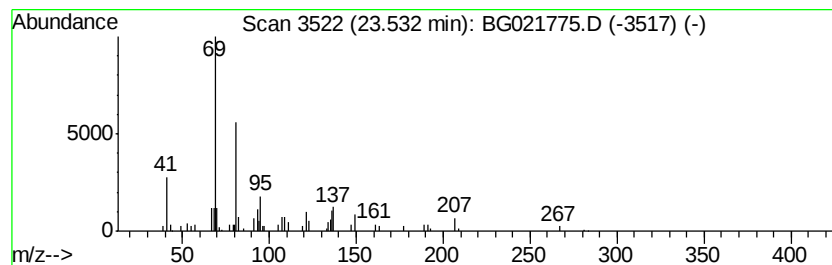
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Squalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.53	2.00 ng	52120	Perylene-d12	25.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Squalene	410	C30H50	007683-64-9	86
2			Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	86
3			2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	72
4			2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64
5			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042016\
Data File : BG021775.D
Acq On : 20 Apr 2016 4:14
Operator : UM/SJ
Sample : H2617-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-931WB(N)(19)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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
Propane, 2,2-dime...	3.09	133.3	ng	972097	1	8.21	145828	20.0
2-Propanone, 1-ch...	3.36	14.3	ng	103960	1	8.21	145828	20.0
1-Butene, 3-chlor...	3.48	19.1	ng	139578	1	8.21	145828	20.0
3-Penten-2-one, 4...	4.67	7.6	ng	55428	1	8.21	145828	20.0
1,1-Dimethyl-3-ch...	4.87	4.0	ng	29293	1	8.21	145828	20.0
Butane, 2,3-dichl...	5.17	8.3	ng	60843	1	8.21	145828	20.0
2-Pentanone, 4-hy...	5.28	36.7	ng	267831	1	8.21	145828	20.0
unknown5.58	5.58	3.0	ng	21596	1	8.21	145828	20.0
unknown5.99	5.99	12.2	ng	89195	1	8.21	145828	20.0
unknown7.74	7.74	100.5	ng	732683	1	8.21	145828	20.0
Eicosane	15.64	2.5	ng	47927	3	14.82	377892	20.0
Pentafluoropropio...	21.43	3.0	ng	79259	5	21.83	537070	20.0
Squalene	23.53	2.0	ng	52120	6	25.15	520565	20.0