

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090916\
 Data File : BG023977.D
 Acq On : 9 Sep 2016 17:02
 Operator : UM/SJ
 Sample : H4715-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PURGE-WATER

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-BG083116.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.131	383	390	398	rBV2	83726	166447	2.60%	0.574%
2	5.613	464	472	485	rBV	436297	804582	12.56%	2.776%
3	7.234	741	748	763	rBV	334503	664190	10.37%	2.292%
4	7.592	802	809	822	rBV	842541	1561902	24.38%	5.389%
5	8.062	883	889	897	rBV	184009	320378	5.00%	1.105%
6	8.385	937	944	953	rVB	684474	1195463	18.66%	4.125%
7	9.243	1083	1090	1098	rBV	710241	1308449	20.42%	4.515%
8	10.894	1363	1371	1381	rBV	287445	519210	8.10%	1.791%
9	11.411	1453	1459	1464	rBV	299192	482608	7.53%	1.665%
10	11.469	1464	1469	1482	rVB	372216	645797	10.08%	2.228%
11	11.693	1501	1507	1512	rBV3	46894	80462	1.26%	0.278%
12	13.349	1779	1789	1799	rBV	2129334	3432258	53.56%	11.843%
13	13.608	1827	1833	1841	rVB2	74978	129497	2.02%	0.447%
14	14.183	1926	1931	1938	rVB	150844	225894	3.53%	0.779%
15	14.736	2018	2025	2032	rVB2	550318	889091	13.88%	3.068%
16	15.470	2143	2150	2156	rBV	978747	1376485	21.48%	4.749%
17	16.081	2248	2254	2260	rBV2	43256	64603	1.01%	0.223%
18	16.239	2274	2281	2294	rBV	2419628	3736829	58.32%	12.894%
19	17.502	2489	2496	2502	rBV	815079	1226102	19.13%	4.231%
20	17.784	2538	2544	2549	rBV3	73446	121510	1.90%	0.419%
21	17.878	2554	2560	2566	rVB9	41580	89475	1.40%	0.309%
22	18.155	2601	2607	2613	rBV4	108139	179238	2.80%	0.618%
23	18.372	2640	2644	2651	rBV2	117333	169054	2.64%	0.583%
24	18.448	2652	2657	2661	rVB	134027	180493	2.82%	0.623%
25	18.583	2676	2680	2689	rVB5	38687	70162	1.09%	0.242%
26	19.641	2856	2860	2867	rBV4	86666	137798	2.15%	0.475%
27	19.993	2915	2920	2925	rBV	350737	467491	7.30%	1.613%
28	20.111	2933	2940	2949	rVB	4765797	6407753	100.00%	22.109%
29	21.814	3223	3230	3238	rVB	685914	1220055	19.04%	4.210%
30	25.169	3793	3801	3814	rVB2	363167	1108985	17.31%	3.826%

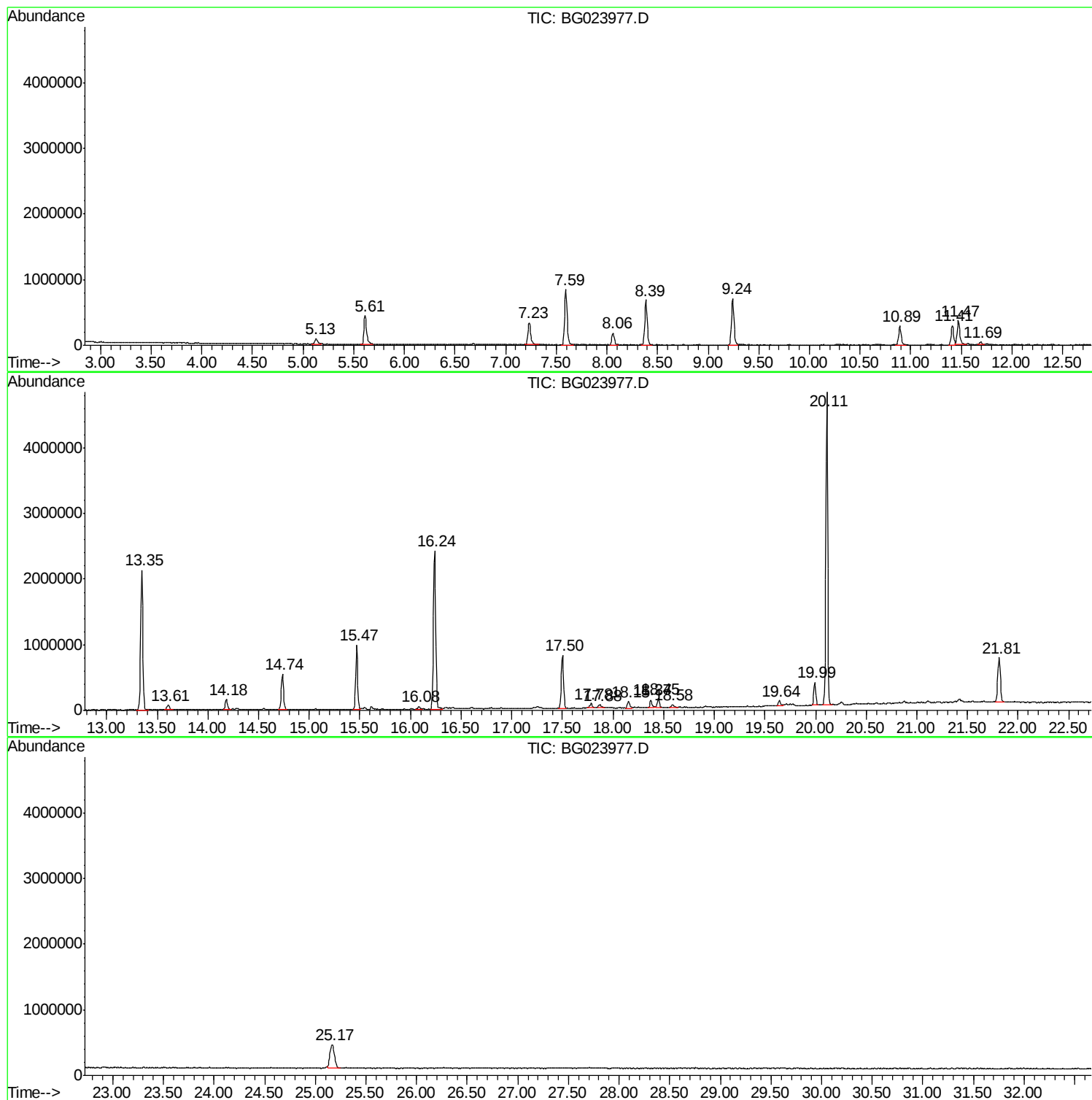
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.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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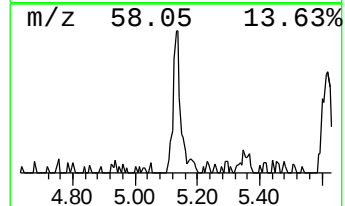
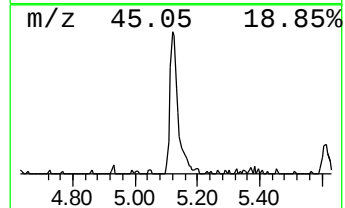
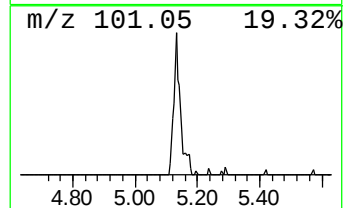
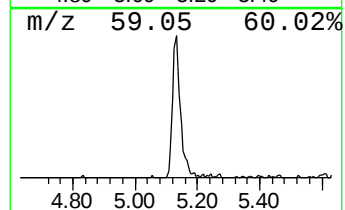
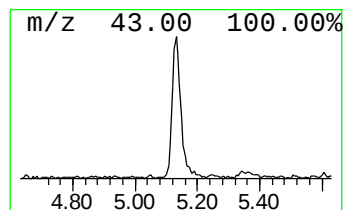
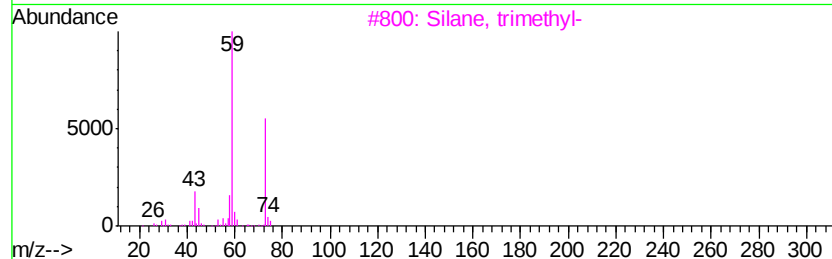
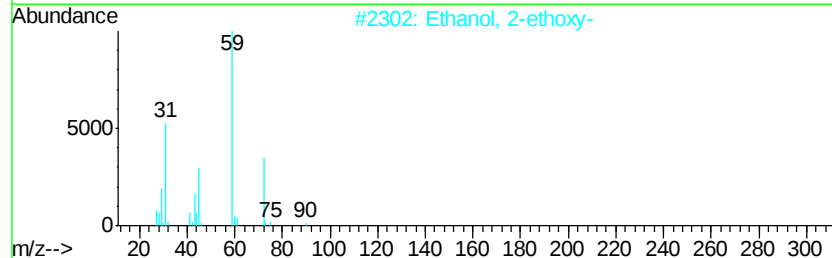
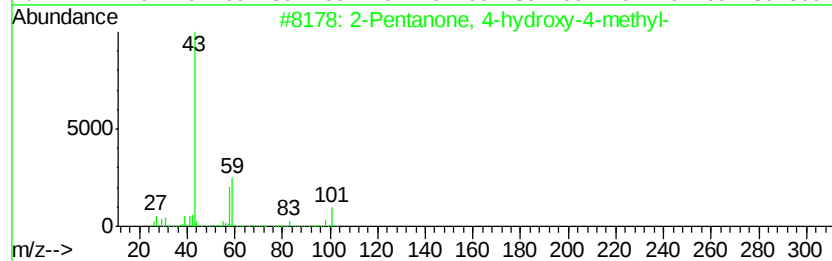
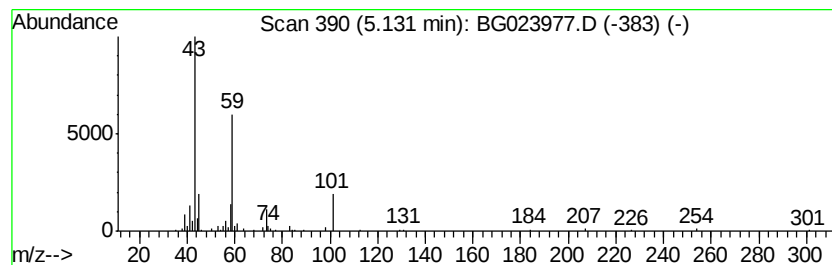
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown5.13 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	10.39 ng	166447	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2		Ethanol, 2-ethoxy-	90	C4H10O2	000110-80-5	35
3		Silane, trimethyl-	74	C3H10Si	000993-07-7	35
4		2-Pentanol, 5-methoxy-2-methyl-	132	C7H16O2	055724-04-4	32
5		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25



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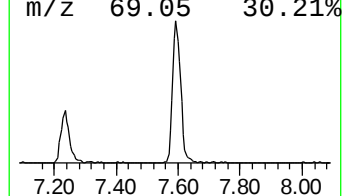
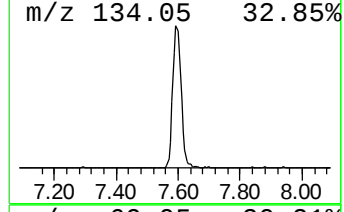
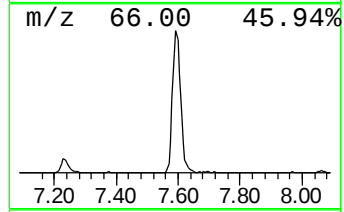
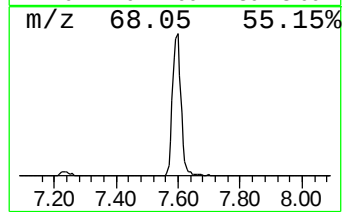
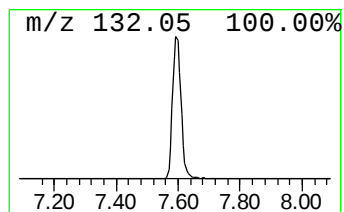
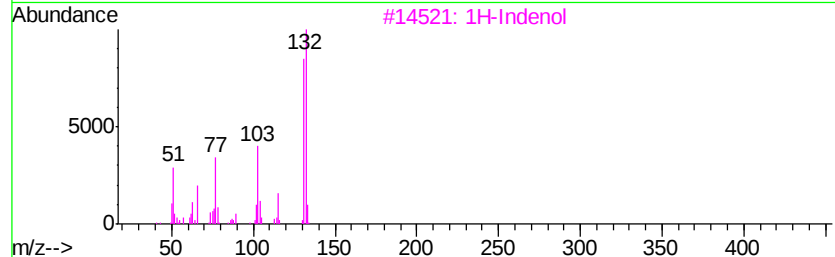
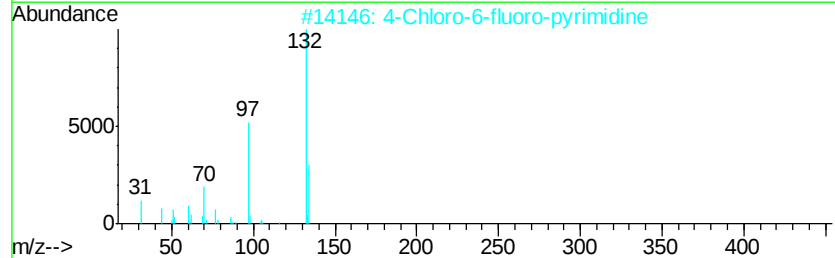
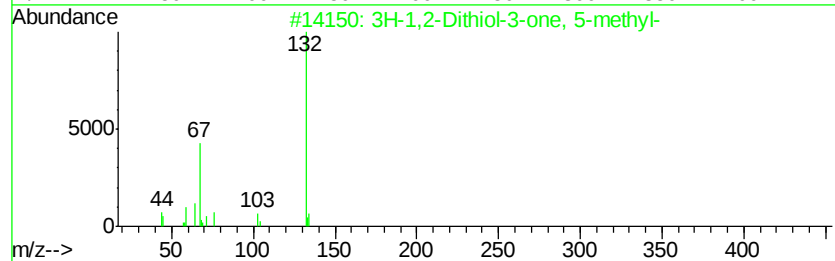
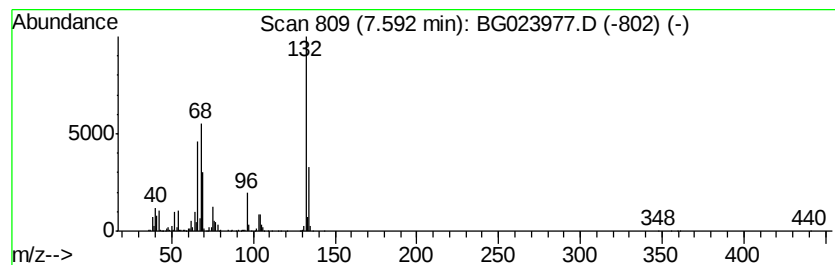
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Peak Number 2 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	97.50 ng	1561900	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3		1H-Indenol	132	C9H8O	056631-57-3	10
4		1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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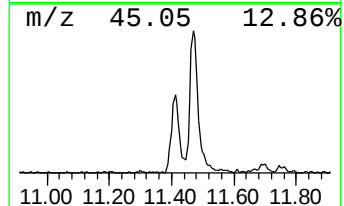
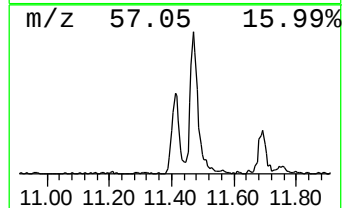
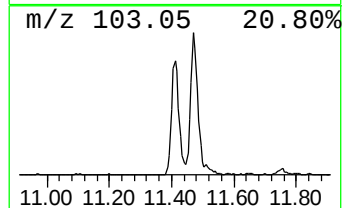
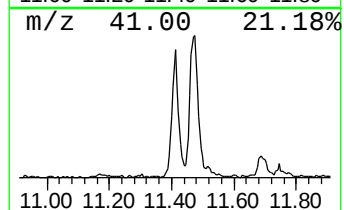
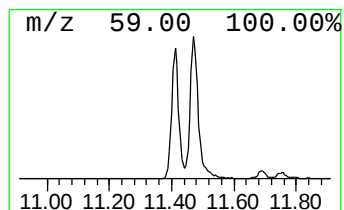
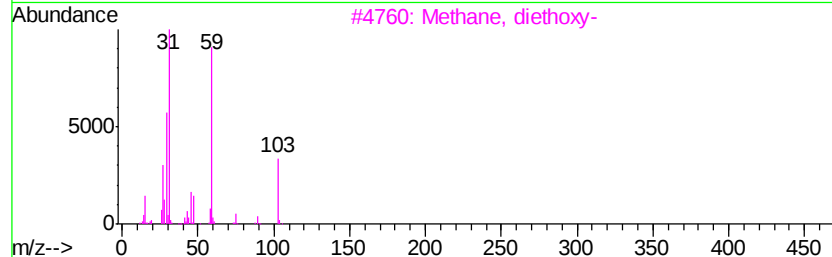
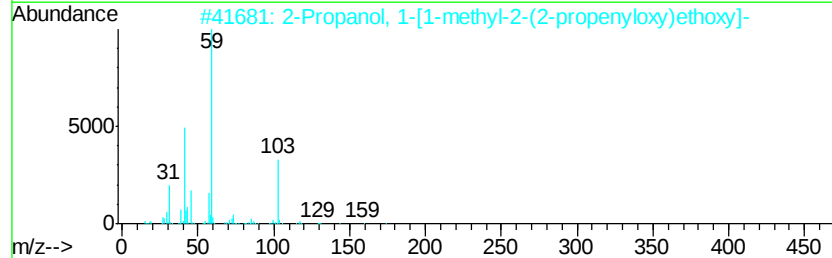
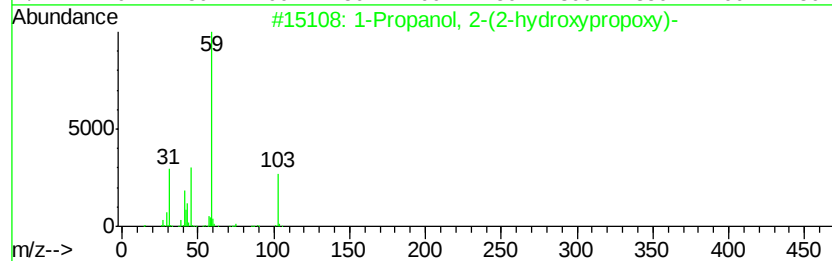
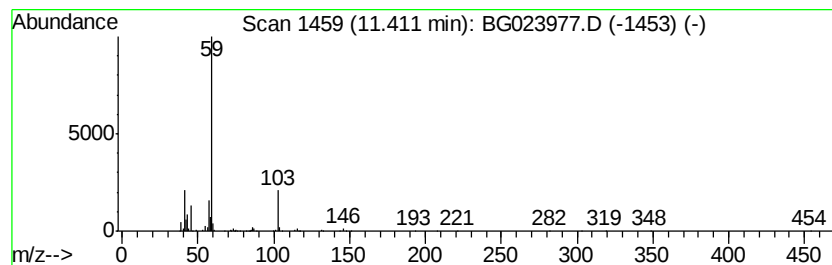
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Peak Number 4 1-Propanol, 2-(2-hydroxypro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	18.59 ng	482608	Napthalene-d8	10.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	78
2		2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	74
3		Methane, diethoxy-	104	C5H12O2	000462-95-3	72
4		1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	64
5		1-(1-Methoxypropan-2-yloxy)propa...	232	C12H24O4	1000367-13-4	59



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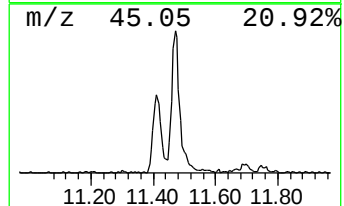
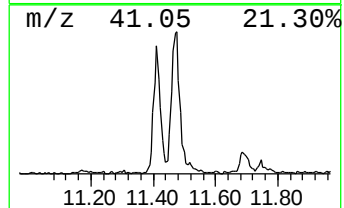
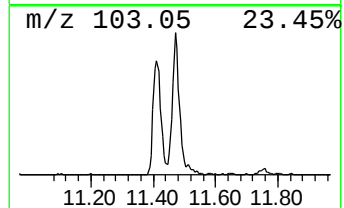
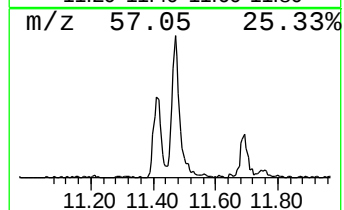
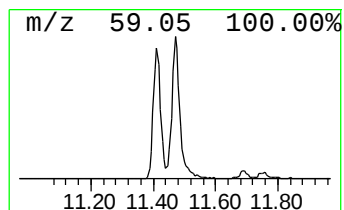
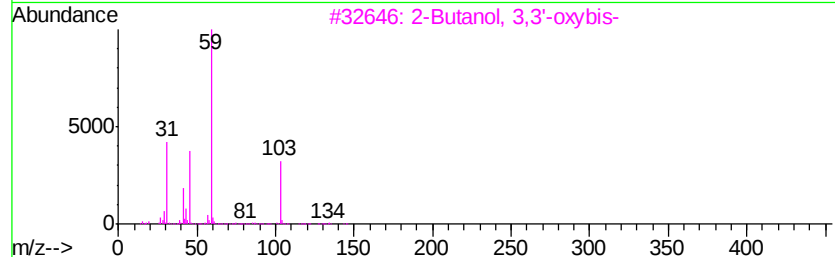
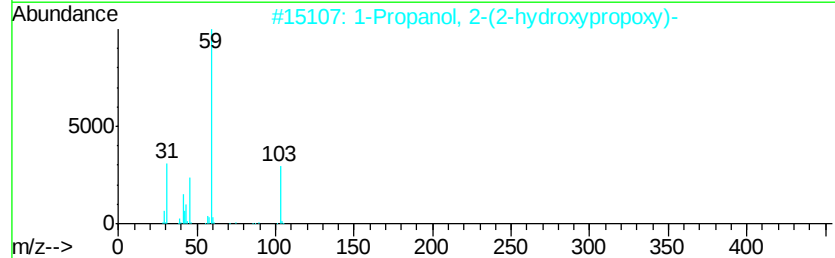
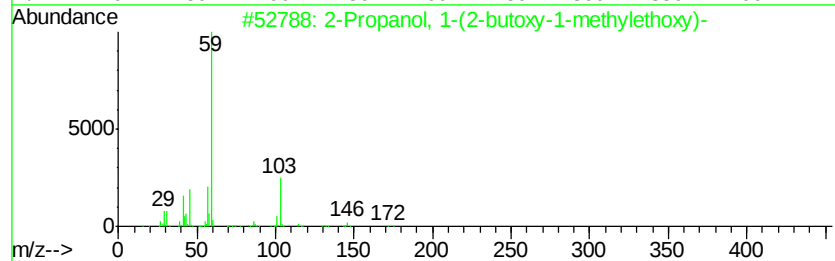
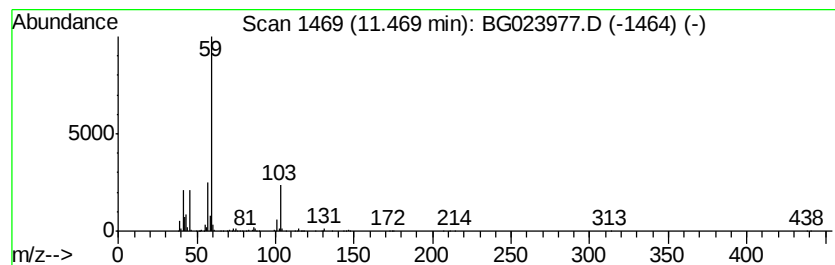
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Peak Number 5 2-Propanol, 1-(2-butoxy-1-m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	24.88 ng	645797	Naphthalene-d8	10.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	90	
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	78	
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	78	
4	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	64	
5	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	64	



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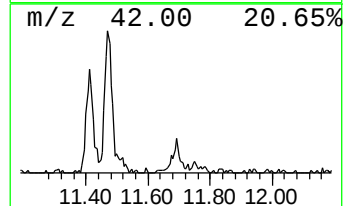
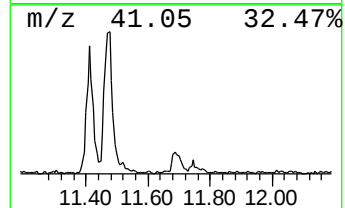
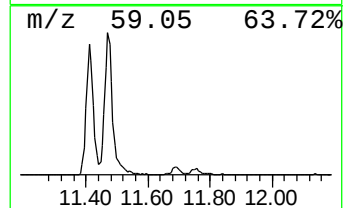
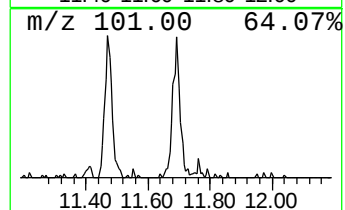
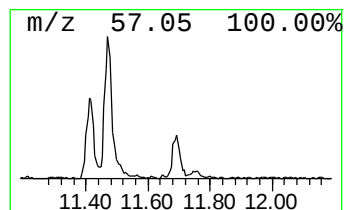
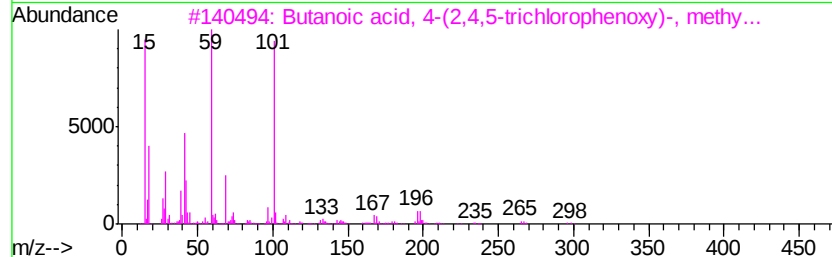
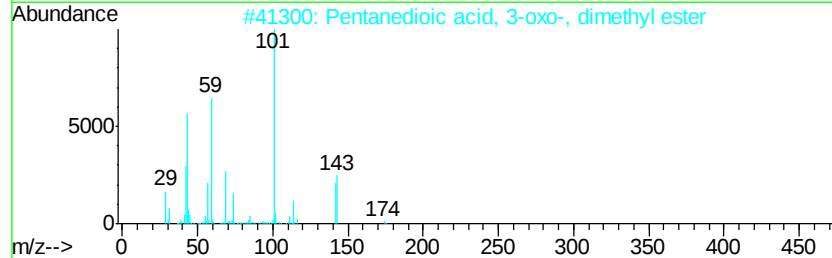
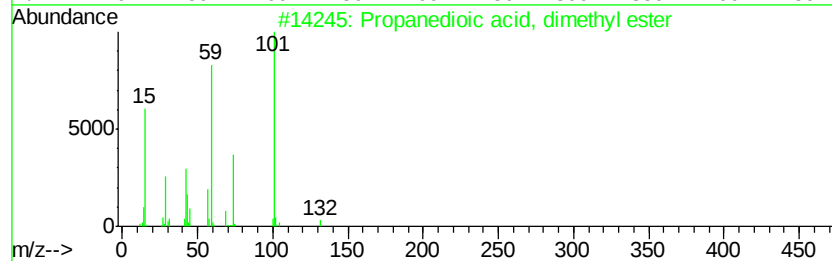
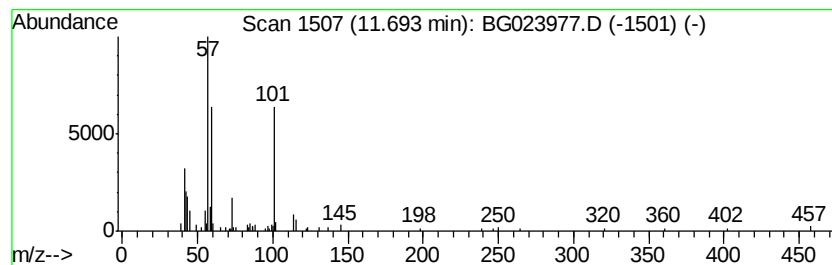
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Peak Number 6 Propanedioic acid, dimethyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	3.10 ng	80462	Naphthalene-d8	10.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanedioic acid, dimethyl ester	132	C5H8O4	000108-59-8	59
2		Pentanedioic acid, 3-oxo-, dimet...	174	C7H10O5	001830-54-2	59
3		Butanoic acid, 4-(2,4,5-trichlor...	296	C11H11Cl3O3	025333-21-5	42
4		4-Ethyl-4-heptanol	144	C9H20O	000597-90-0	25
5		Succinic acid, 4-methoxy-2-methy...	470	C28H54O5	1000330-24-4	22



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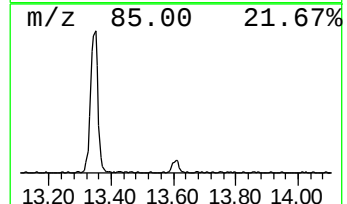
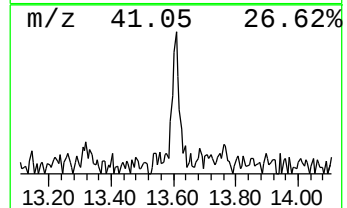
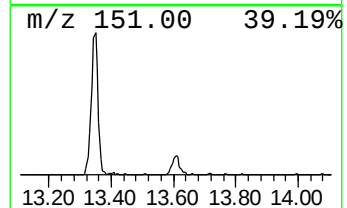
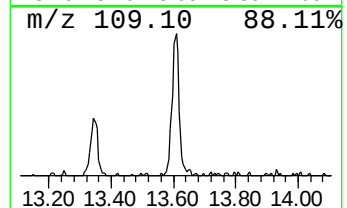
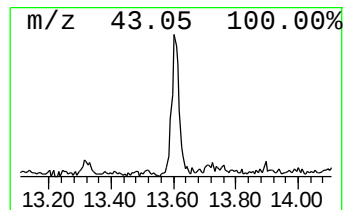
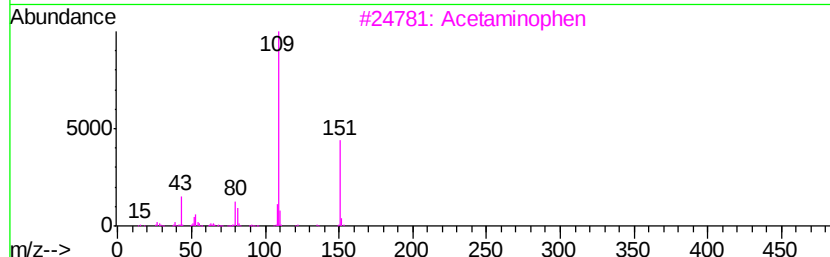
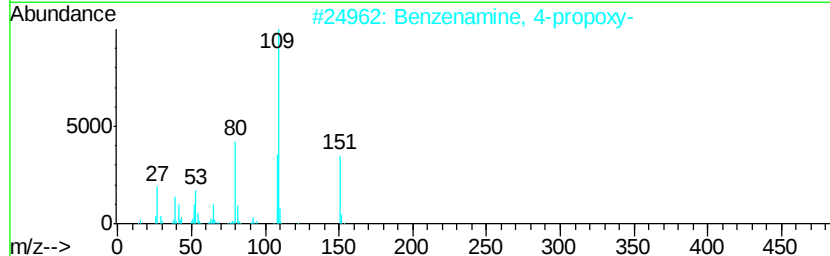
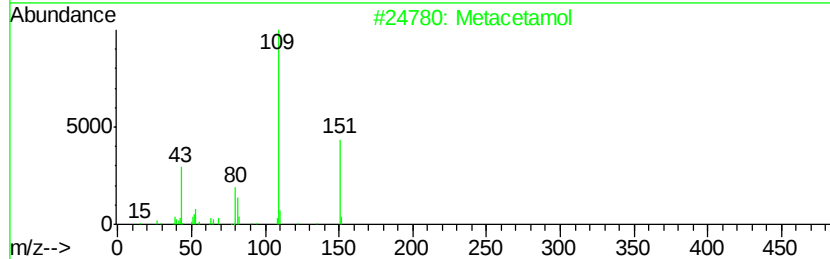
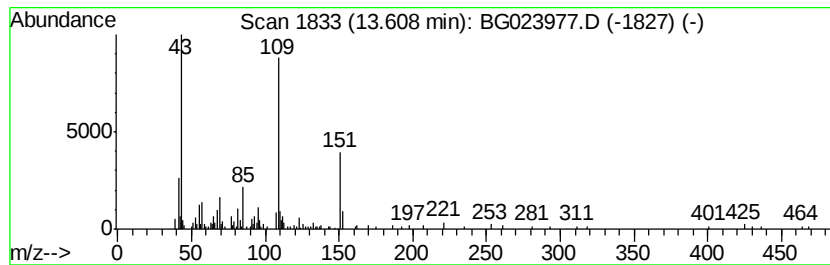
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Metacetamol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	2.91 ng	129497	Acenaphthene-d10	14.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Metacetamol	151	C8H9NO2	000621-42-1	64
2		Benzenamine, 4-propoxy-	151	C9H13NO	004469-80-1	59
3		Acetaminophen	151	C8H9NO2	000103-90-2	59
4		2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	59
5		Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090916\
Data File : BG023977.D
Acq On : 9 Sep 2016 17:02
Operator : UM/SJ
Sample : H4715-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

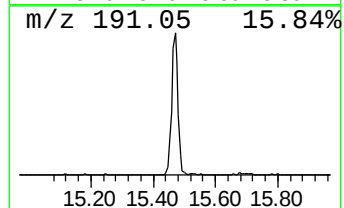
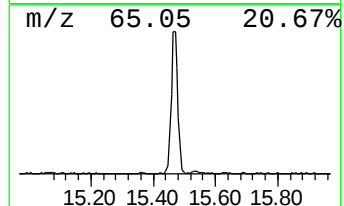
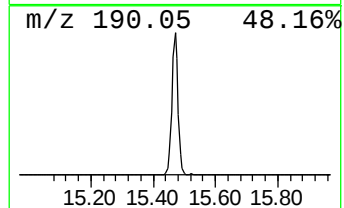
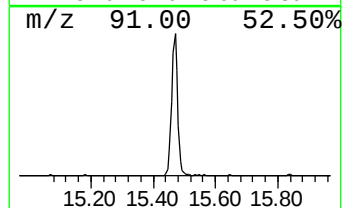
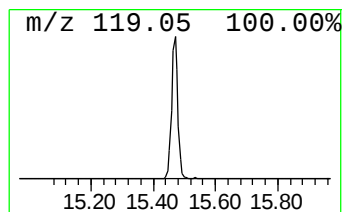
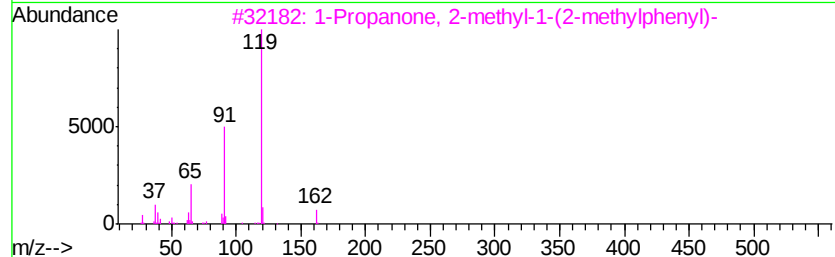
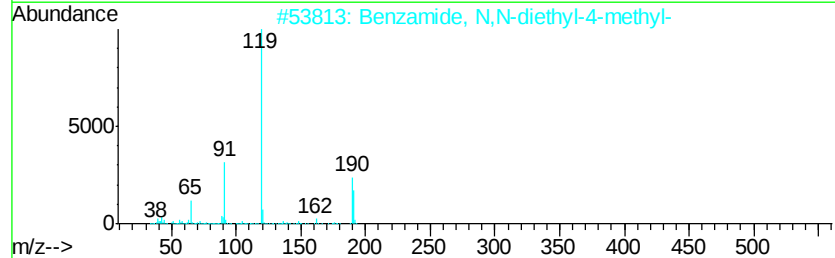
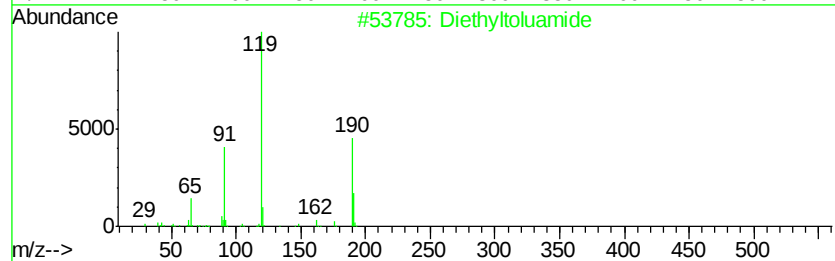
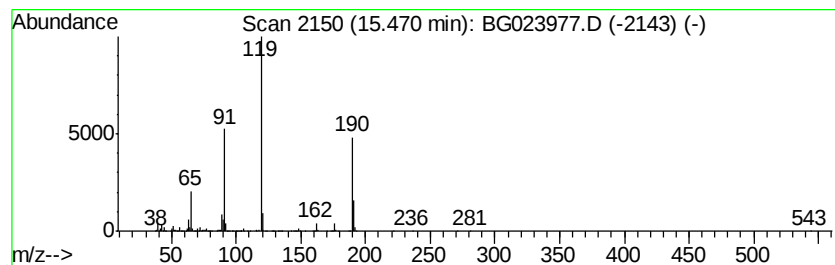
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Diethyltoluamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	30.96 ng	1376490	Acenaphthene-d10	14.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethyltoluamide	191	C12H17NO	000134-62-3	95
2		Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	64
3		1-Propanone, 2-methyl-1-(2-methylphenyl)-	162	C11H14O	002040-21-3	58
4		4-Methylbenzoyl isothiocyanate	177	C9H7NOS	016794-68-6	52
5		m-Toluic acid, 2-methylphenyl ester	226	C15H14O2	021121-93-7	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090916\
Data File : BG023977.D
Acq On : 9 Sep 2016 17:02
Operator : UM/SJ
Sample : H4715-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

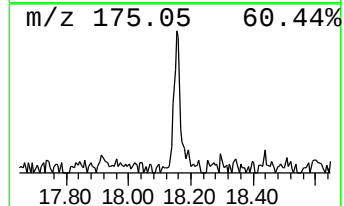
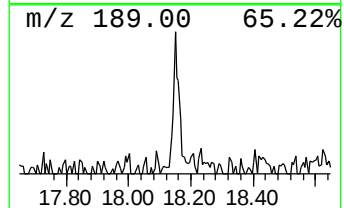
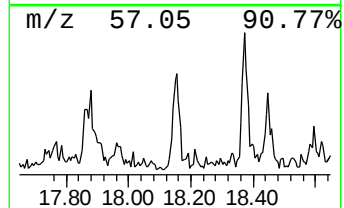
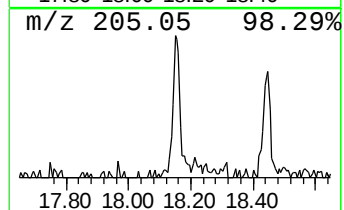
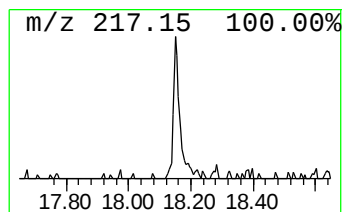
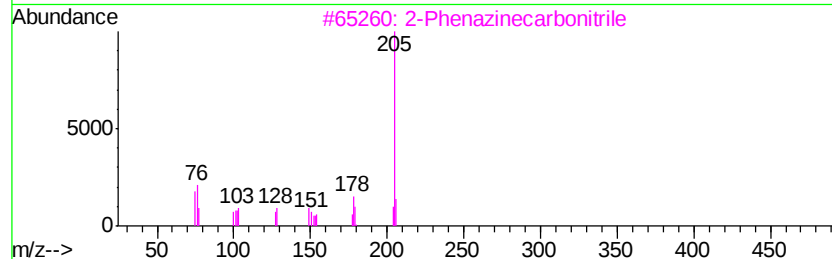
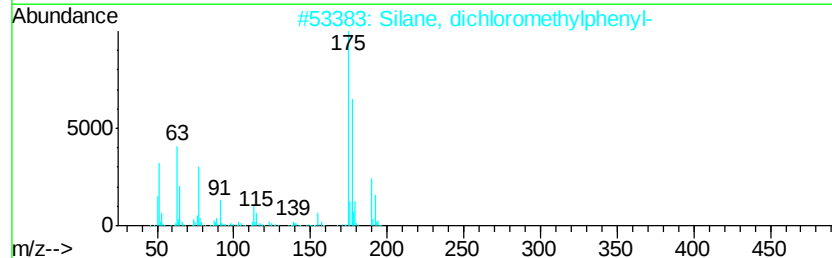
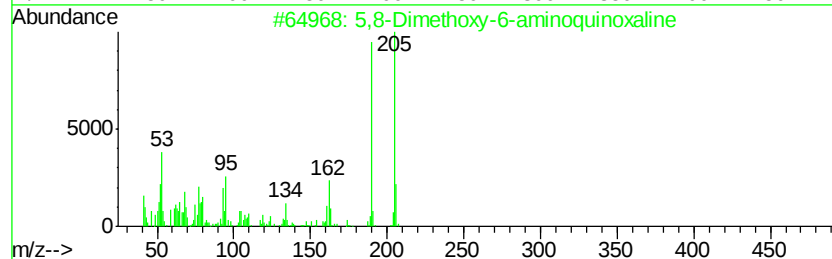
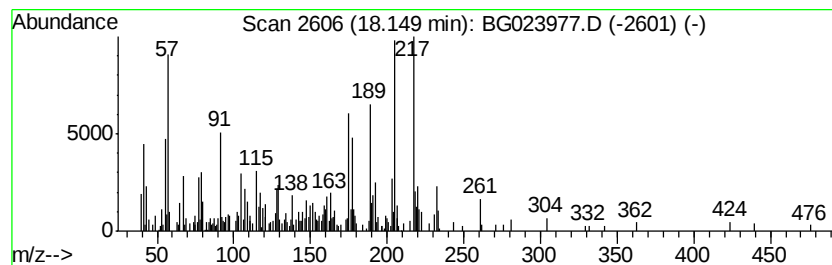
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown18.15 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	2.92 ng	179238	Phenanthrene-d10	17.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,8-Dimethoxy-6-aminoquinoxaline	205	C10H11N3O2	056393-24-9	27		
2	Silane, dichloromethylphenyl-	190	C7H8Cl2Si	000149-74-6	25		
3	2-Phenazinecarbonitrile	205	C13H7N3	006479-93-2	15		
4	Methanone, (5-chloro-4-methoxy-3...	261	C10H12ClN03S	1000268-42-7	12		
5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	11		



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090916\
Data File : BG023977.D
Acq On : 9 Sep 2016 17:02
Operator : UM/SJ
Sample : H4715-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

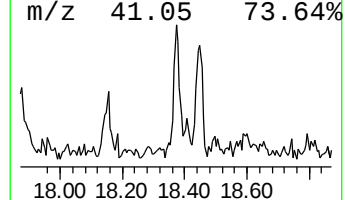
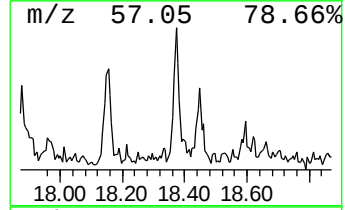
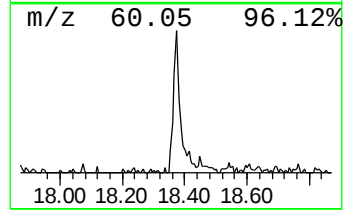
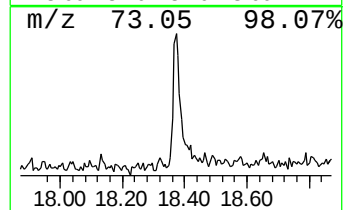
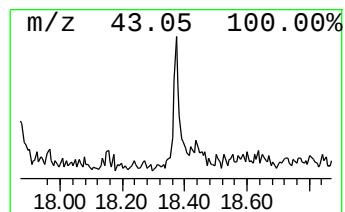
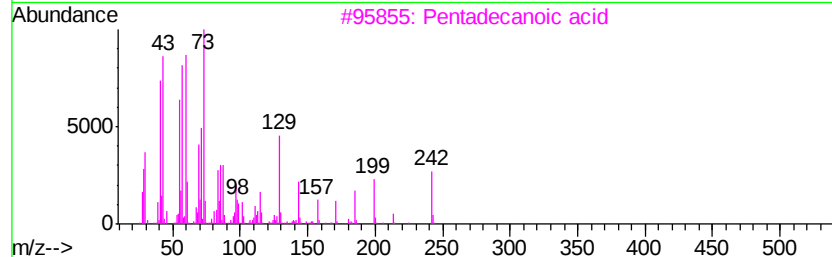
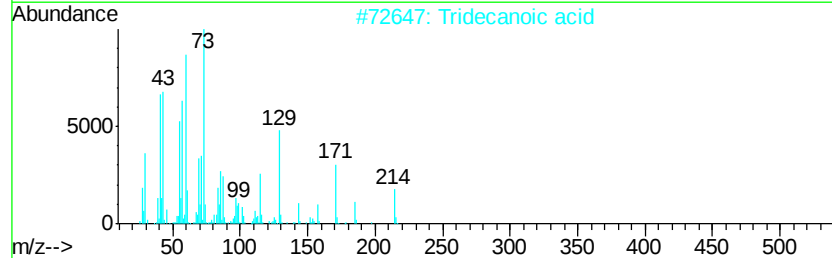
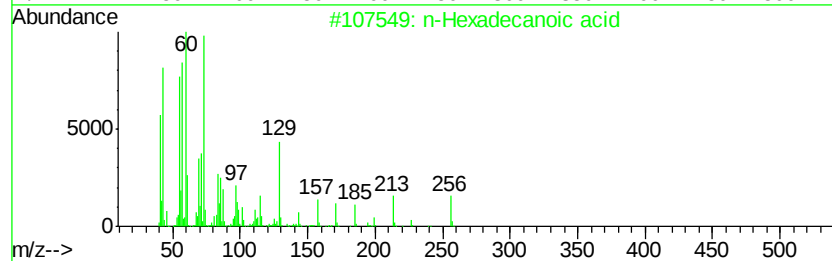
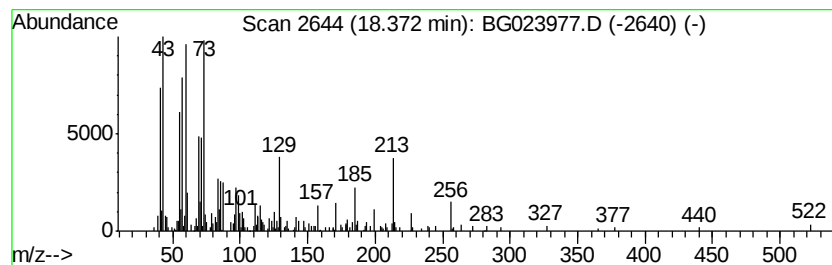
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	2.76 ng	169054	Phenanthrene-d10	17.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Octadecanoic acid	284	C18H36O2	000057-11-4	80
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090916\
Data File : BG023977.D
Acq On : 9 Sep 2016 17:02
Operator : UM/SJ
Sample : H4715-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

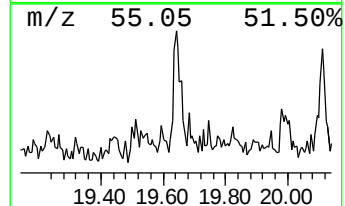
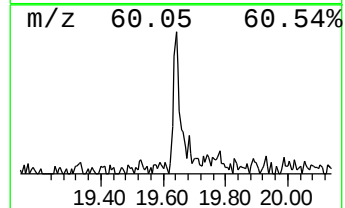
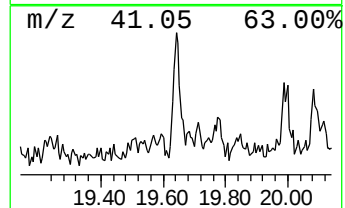
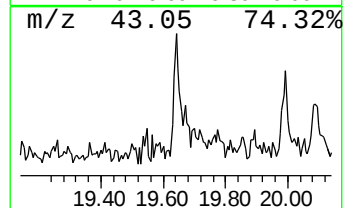
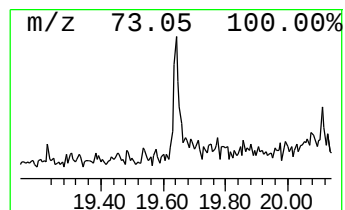
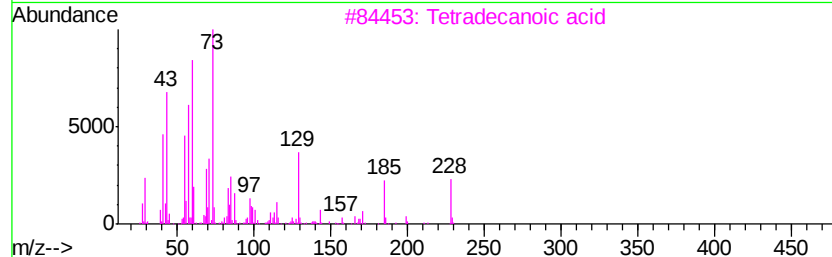
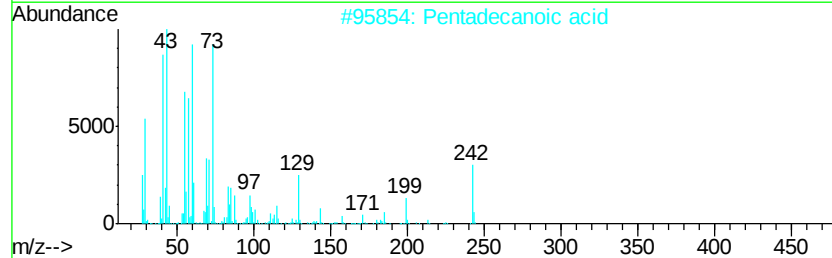
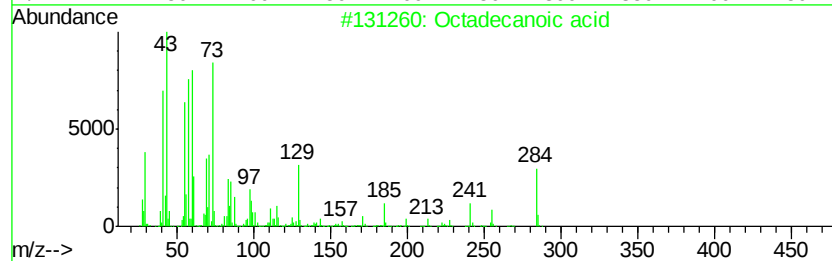
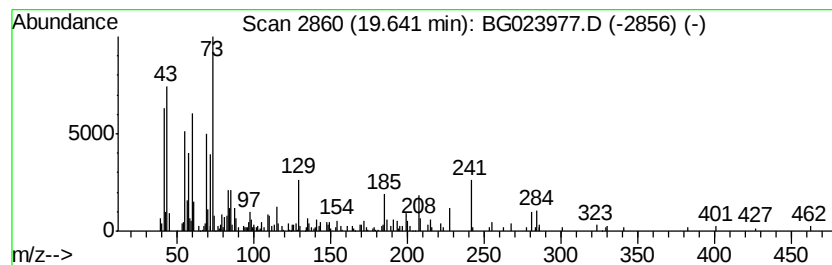
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	2.25 ng	137798	Phenanthrene-d10	17.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	83
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	52
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	49
4			Dodecanoic acid	200	C12H24O2	000143-07-7	47
5			n-Decanoic acid	172	C10H20O2	000334-48-5	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090916\
Data File : BG023977.D
Acq On : 9 Sep 2016 17:02
Operator : UM/SJ
Sample : H4715-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

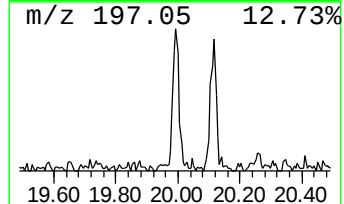
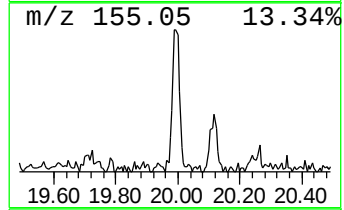
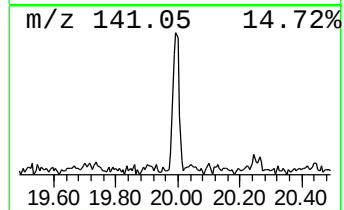
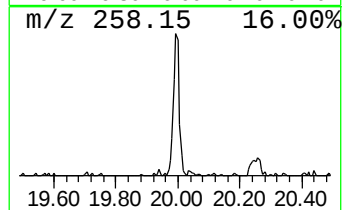
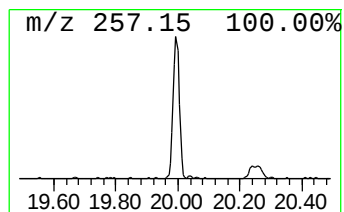
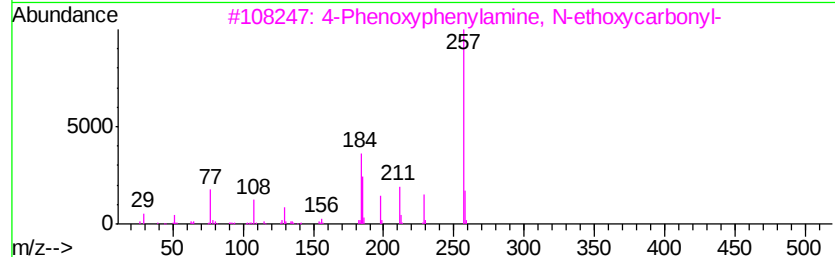
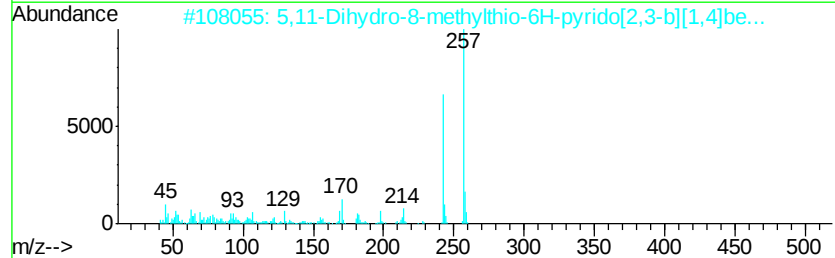
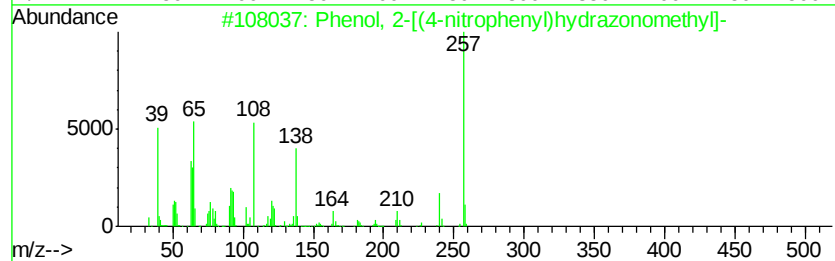
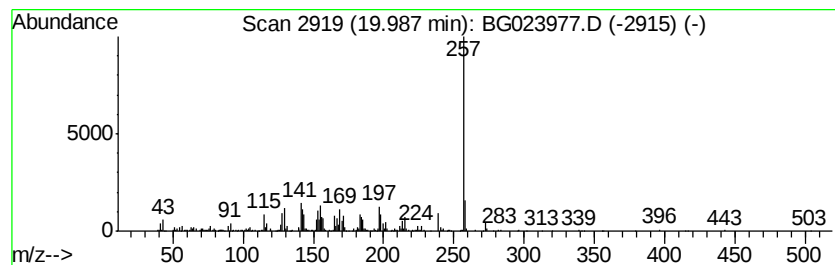
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenol, 2-[(4-nitrophenyl)h... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	7.66 ng	467491	Chrysene-d12	21.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-[(4-nitrophenyl)hydraz...	257	C13H11N3O3	003155-24-6	55
2		5,11-Dihydro-8-methylthio-6H-pyr...	257	C13H11N3OS	133727-45-4	53
3		4-Phenoxyphenylamine, N-ethoxycar...	257	C15H15N03	1000343-97-5	50
4		Benz[c]acridine, 5,10-dimethyl-	257	C19H15N	003518-04-5	50
5		3-Methyl-1-phenyl-2-azafluorene	257	C19H15N	062578-39-6	49



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090916\
Data File : BG023977.D
Acq On : 9 Sep 2016 17:02
Operator : UM/SJ
Sample : H4715-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.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
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unknown7.59	7.59	97.5	ng	1561900	1	8.06	320378	20.0
1-Propanol, 2-(2-...	11.41	18.6	ng	482608	2	10.89	519210	20.0
2-Propanol, 1-(2-...	11.47	24.9	ng	645797	2	10.89	519210	20.0
Propanedioic acid...	11.69	3.1	ng	80462	2	10.89	519210	20.0
Metacetamol	13.61	2.9	ng	129497	3	14.74	889091	20.0
Diethyltoluamide	15.47	31.0	ng	1376490	3	14.74	889091	20.0
unknown18.15	18.15	2.9	ng	179238	4	17.50	1226100	20.0
n-Hexadecanoic acid	18.37	2.8	ng	169054	4	17.50	1226100	20.0
Octadecanoic acid	19.64	2.3	ng	137798	4	17.50	1226100	20.0
Phenol, 2-[(4-nit...	19.99	7.7	ng	467491	5	21.81	1220060	20.0