

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
 Data File : BG028888.D
 Acq On : 22 Sep 2017 23:58
 Operator : SJ/JU
 Sample : I5301-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170608-COMP-A

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.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	5.380	300	305	312	rVB2	27870	44516	1.16%	0.329%
2	5.844	377	384	396	rBV	244959	424510	11.09%	3.141%
3	7.431	648	654	665	rBV	177372	346350	9.05%	2.563%
4	7.813	711	719	731	rBV	401008	737917	19.28%	5.460%
5	8.277	791	798	803	rBV2	77141	139527	3.65%	1.032%
6	8.600	846	853	864	rVB2	351107	646981	16.91%	4.787%
7	9.446	989	997	1012	rBV	300694	574483	15.01%	4.251%
8	11.097	1270	1278	1289	rBV	97561	191426	5.00%	1.416%
9	11.896	1406	1414	1419	rBV2	31594	55156	1.44%	0.408%
10	13.512	1678	1689	1699	rBV	912958	1511509	39.50%	11.184%
11	14.399	1835	1840	1847	rVB4	27121	42938	1.12%	0.318%
12	14.893	1918	1924	1931	rBV2	184561	310291	8.11%	2.296%
13	15.280	1984	1990	1997	rBV2	85764	119285	3.12%	0.883%
14	15.656	2049	2054	2059	rBV	231281	292955	7.65%	2.168%
15	16.385	2170	2178	2192	rBV	1125487	1786984	46.69%	13.222%
16	17.642	2386	2392	2404	rVB2	348156	552776	14.44%	4.090%
17	18.283	2493	2501	2508	rBV2	109447	166516	4.35%	1.232%
18	19.887	2766	2774	2779	rBV	226335	285113	7.45%	2.110%
19	20.233	2826	2833	2840	rBV	2910913	3827072	100.00%	28.317%
20	21.391	3025	3030	3037	rBV6	20880	54231	1.42%	0.401%
21	21.961	3119	3127	3140	rVB2	403866	725273	18.95%	5.366%
22	25.410	3704	3714	3726	rVB2	223606	679465	17.75%	5.027%

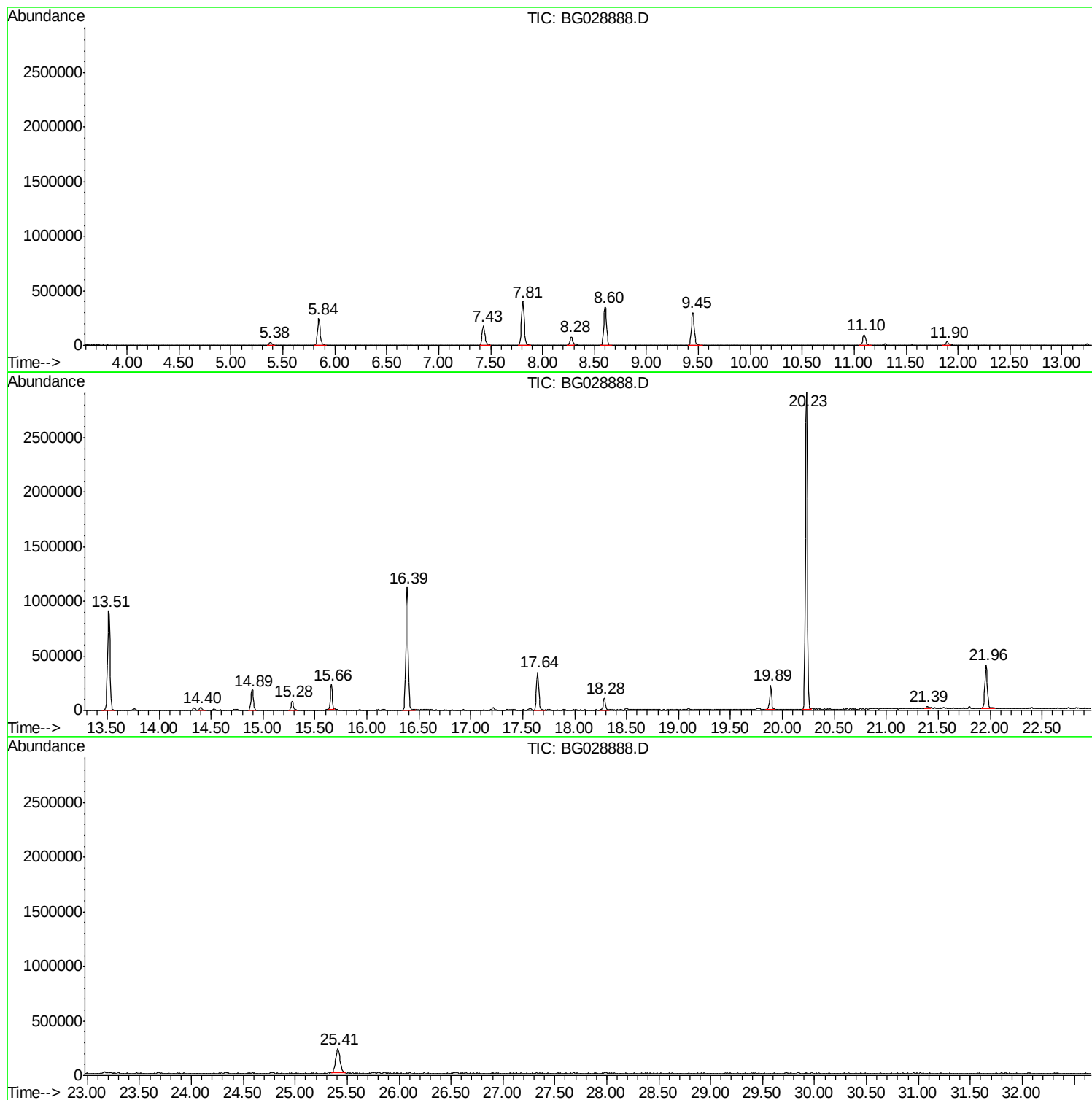
Sum of corrected areas: 13515274

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.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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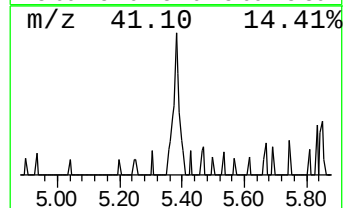
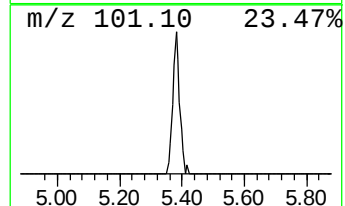
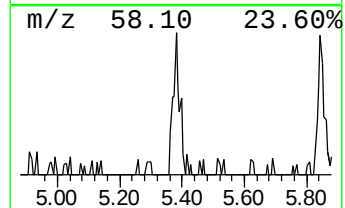
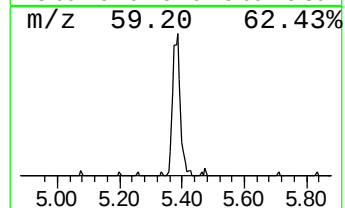
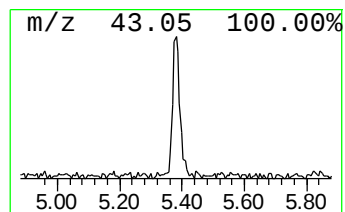
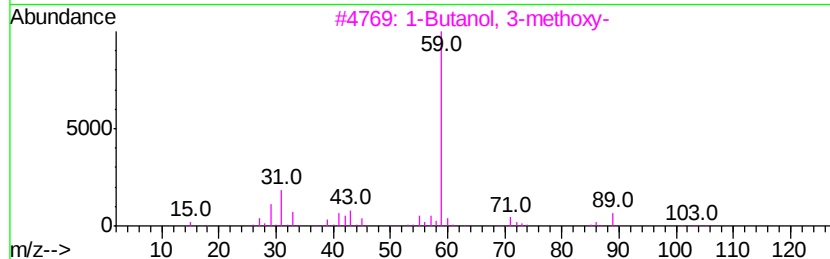
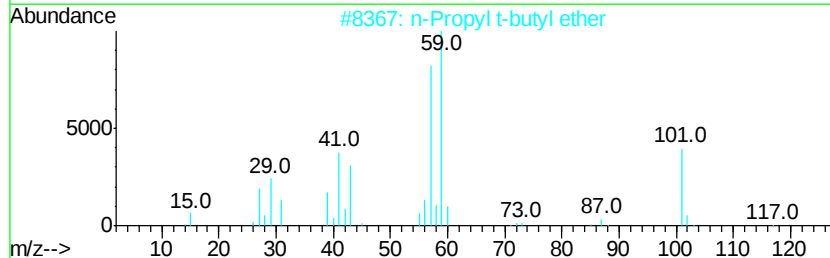
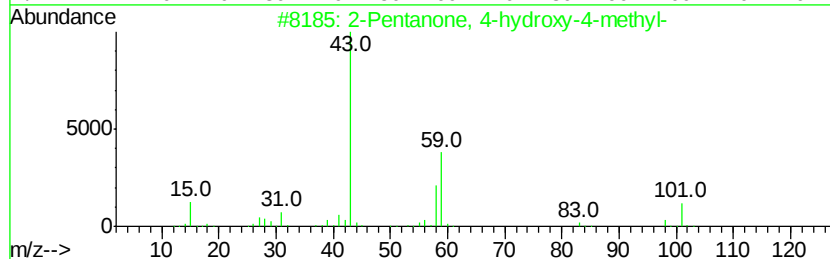
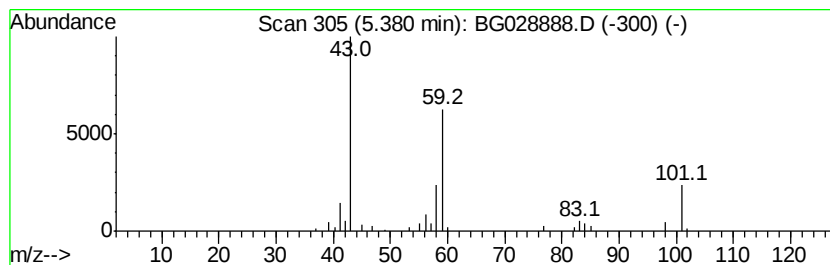
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	6.38 ng	44516	1,4-Dichlorobenzene-d4	8.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2			n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	23
3			1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	12
4			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	12
5			3-Pentanol	88	C5H12O	000584-02-1	10



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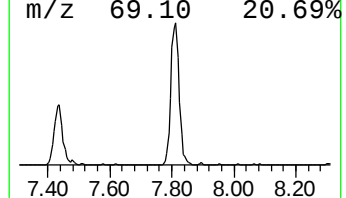
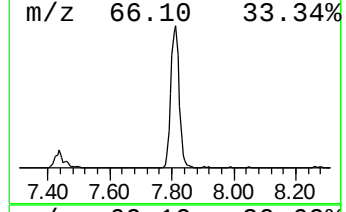
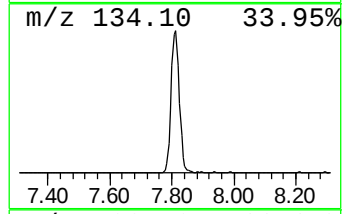
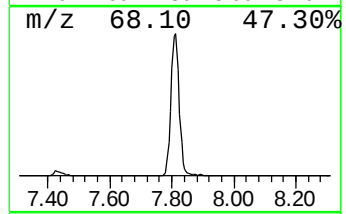
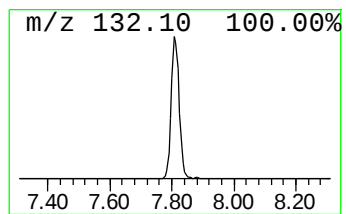
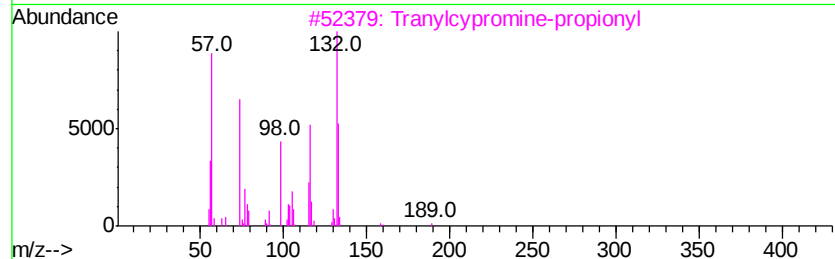
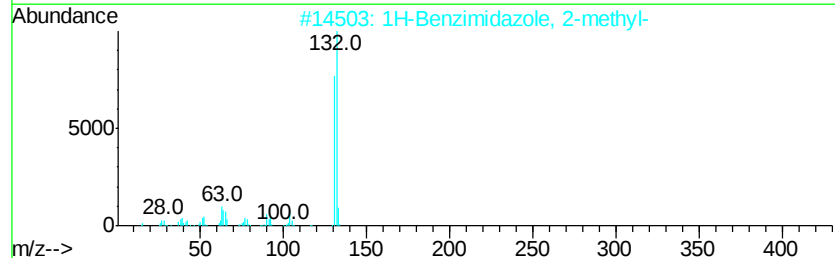
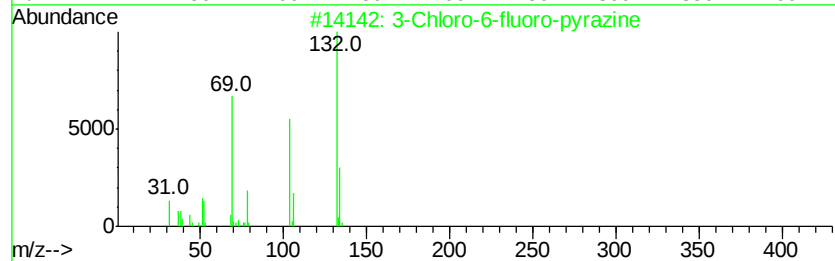
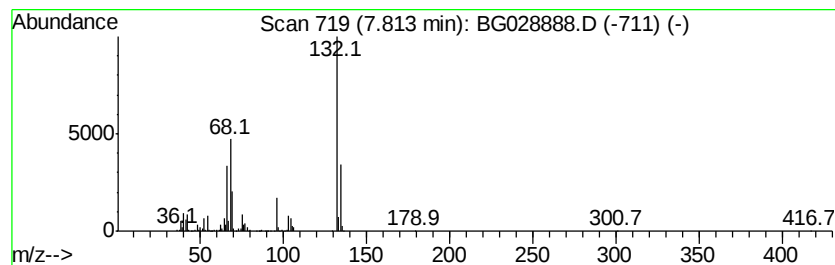
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Peak Number 2 unknown7.81 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	105.77 ng	737917	1,4-Dichlorobenzene-d4	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		3-Ethylphenyl isocyanate	147	C9H9NO	023138-58-1	10



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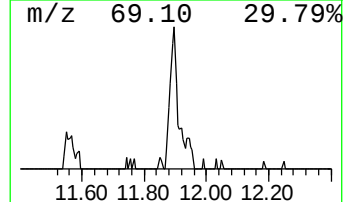
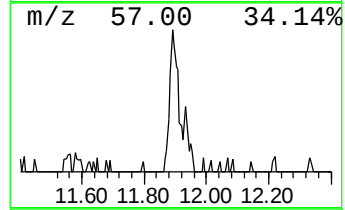
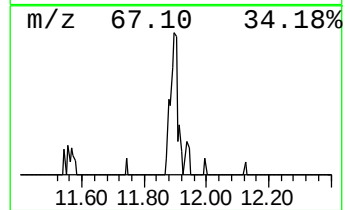
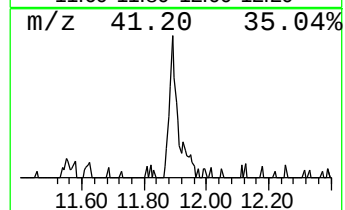
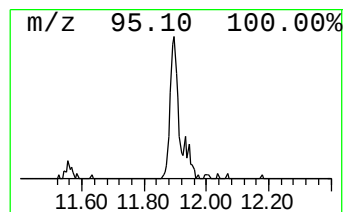
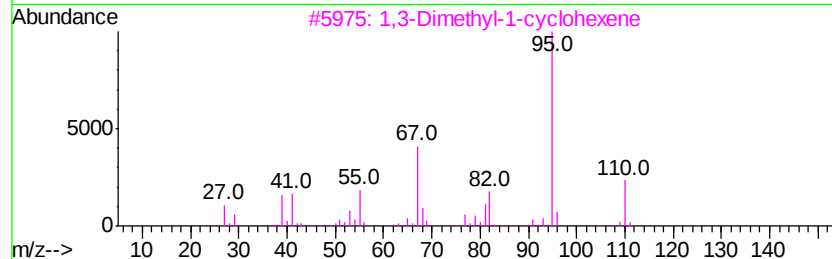
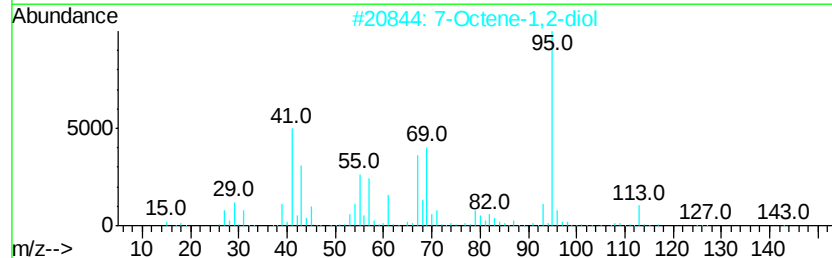
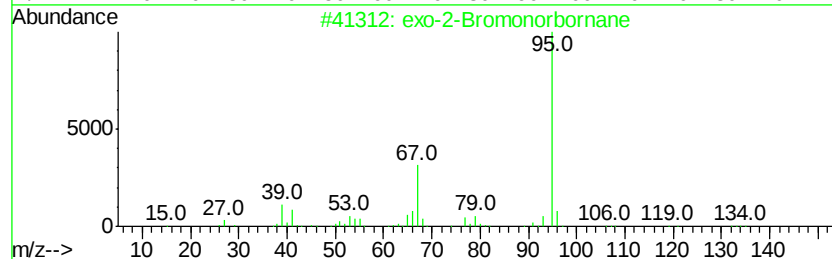
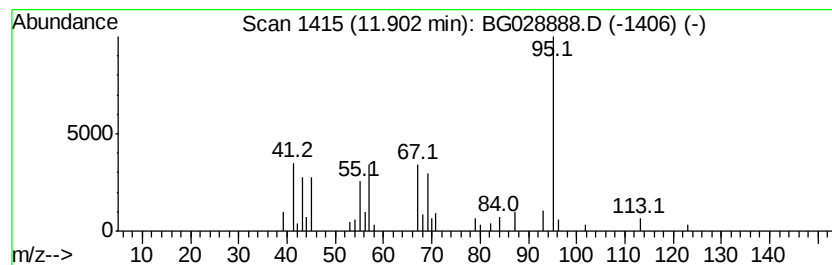
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Peak Number 4 unknown11.90 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.90	5.76 ng	55156	Napthalene-d8	11.10	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	exo-2-Bromonorbornane	174	C7H11Br	002534-77-2	47
2	7-Octene-1,2-diol	144	C8H16O2	085866-02-0	40
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	38
4	6-Methyl-2-heptyne	110	C8H14	051065-64-6	38
5	2-Norbornyl bromide	174	C7H11Br	029342-65-2	38



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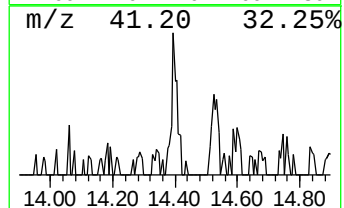
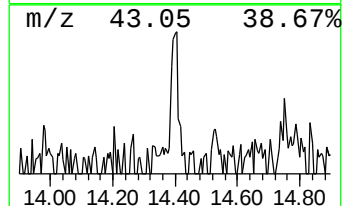
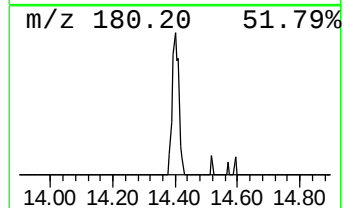
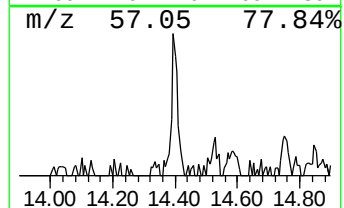
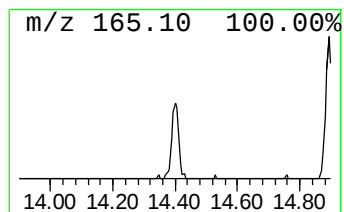
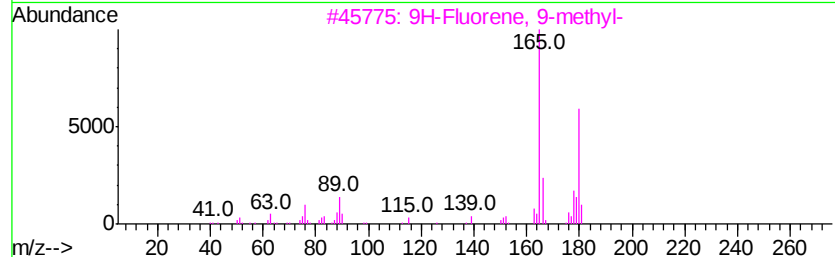
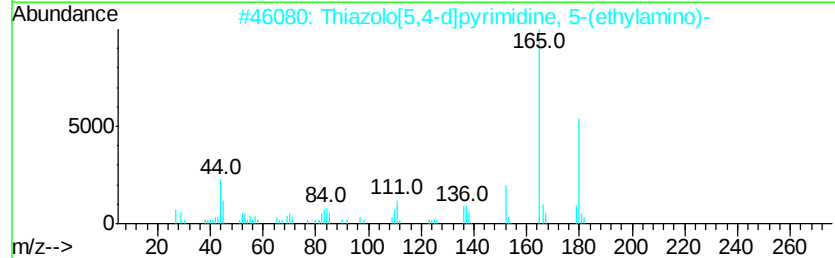
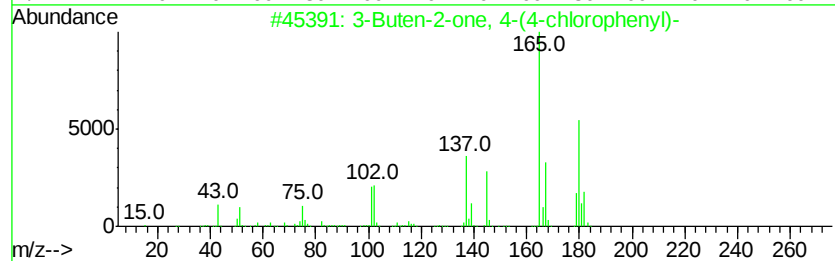
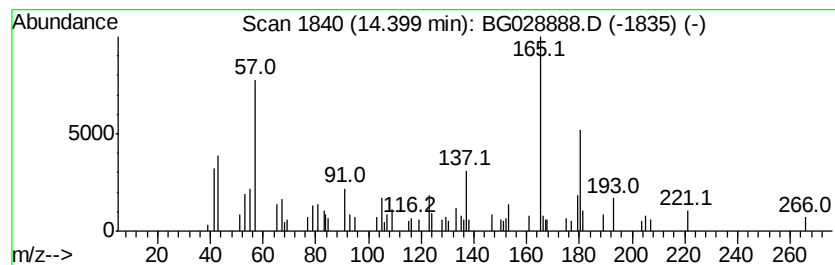
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Peak Number 5 3-Buten-2-one, 4-(4-chlorop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.40	2.77 ng	42938	Acenaphthene-d10	14.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-(4-chlorophenyl)-	180	C10H9ClO	003160-40-5	68
2	Thiazolo[5,4-d]pyrimidine, 5-(et...	180	C7H8N4S	019835-21-3	58
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	52
4	Ethanone, 1-(3,4-dimethoxyphenyl)-	180	C10H12O3	001131-62-0	50
5	(3,3-Dimethyl-5-methylthio-3,4(2...	180	C9H12N2S	1000186-20-1	43



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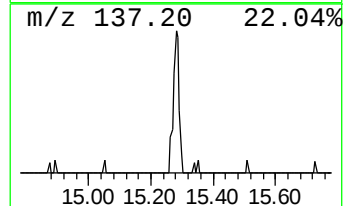
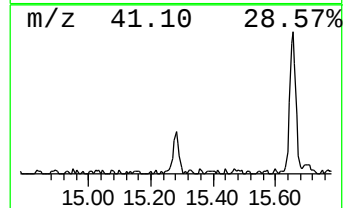
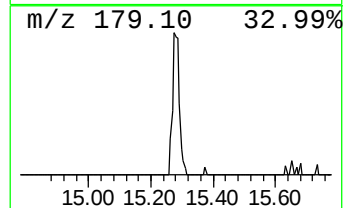
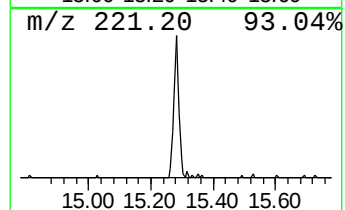
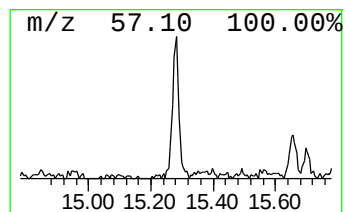
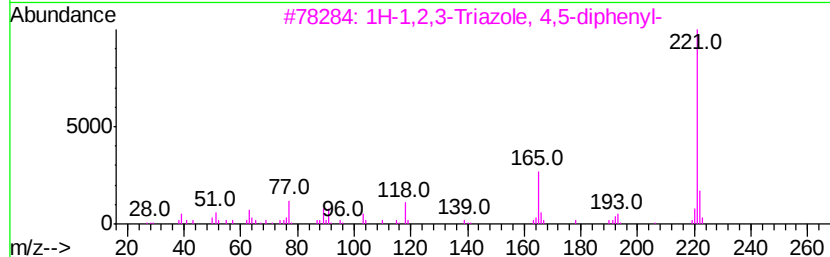
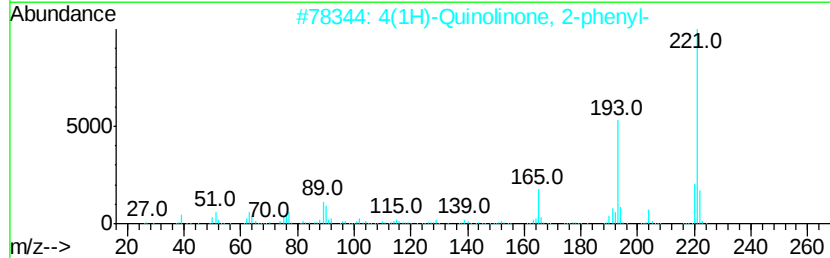
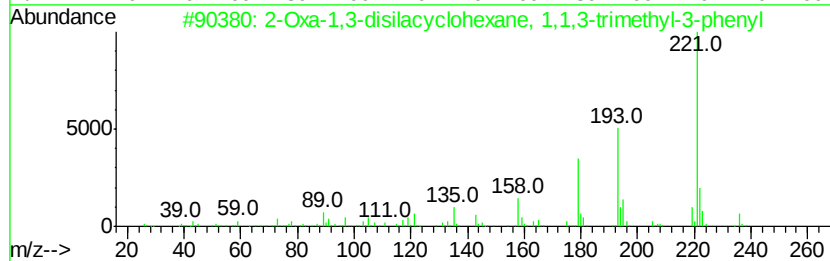
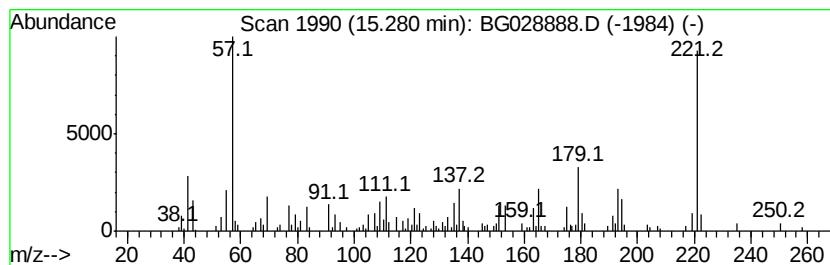
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Peak Number 6 unknown15.28 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	7.69 ng	119285	Acenaphthene-d10	14.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Oxa-1,3-disilacyclohexane, 1,1...	236	C12H20OSi2	1000308-85-9	38
2		4(1H)-Quinolinone, 2-phenyl-	221	C15H11NO	014802-18-7	37
3		1H-1,2,3-Triazole, 4,5-diphenyl-	221	C14H11N3	005533-73-3	37
4		4-Chloro-3-trifluoromethylphenyl...	221	C8H3ClF3NO	000327-78-6	37
5		But-2-en-1-one, 1-(2-hydroxy-4,5...	236	C13H16O4	1000305-06-7	37



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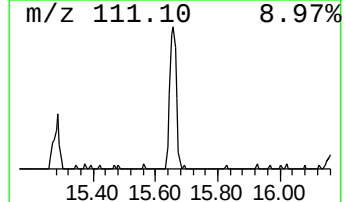
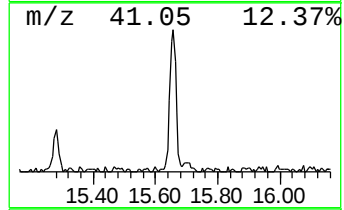
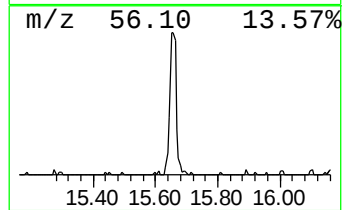
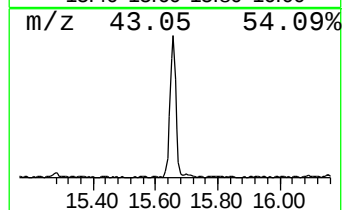
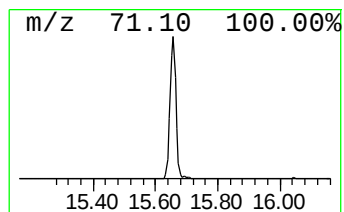
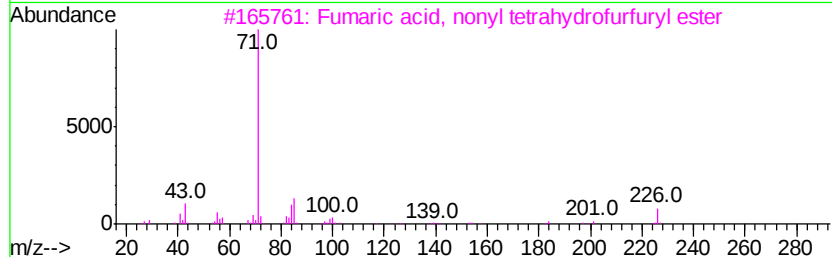
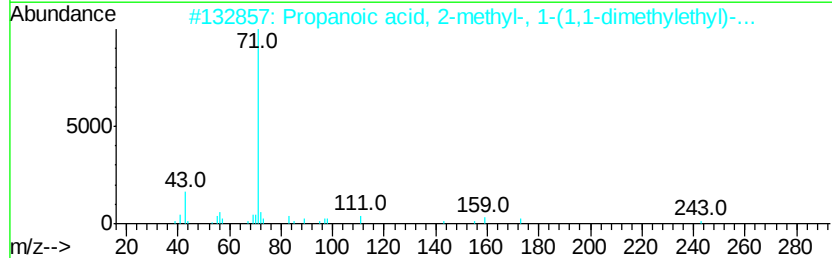
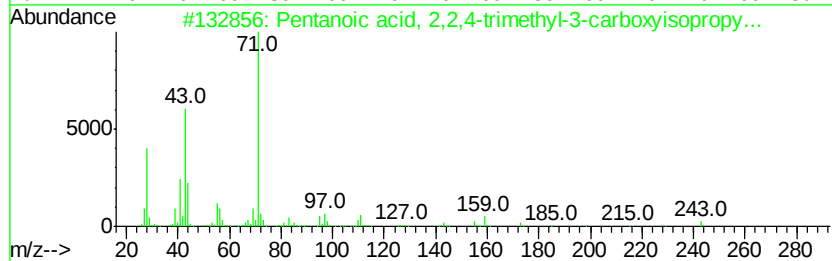
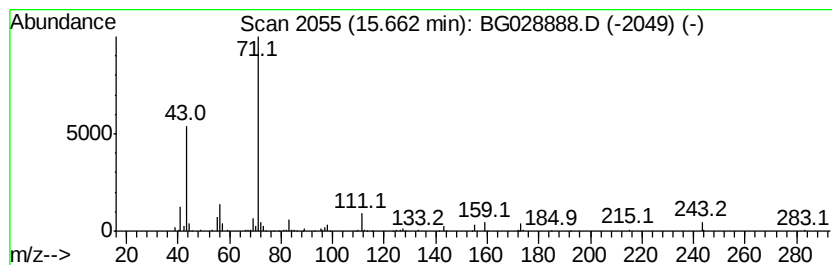
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentanoic acid, 2,2,4-trime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	18.88 ng	292955	Acenaphthene-d10	14.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanoic acid, 2,2,4-trimethyl-...	286	C16H30O4	1000140-77-5	90
2		Propanoic acid, 2-methyl-, 1-(1,...	286	C16H30O4	074381-40-1	83
3		Fumaric acid, nonyl tetrahydrofu...	326	C18H30O5	1000330-58-3	59
4		Methylamine, N-(1-methylhexylid...	127	C8H17N	022058-71-5	53
5		2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
Data File : BG028888.D
Acq On : 22 Sep 2017 23:58
Operator : SJ/JU
Sample : I5301-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20170608-COMP-A

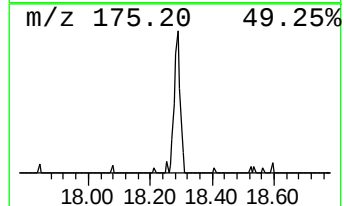
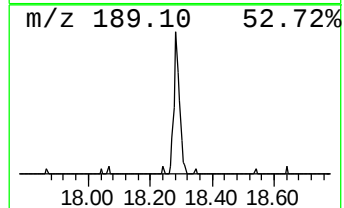
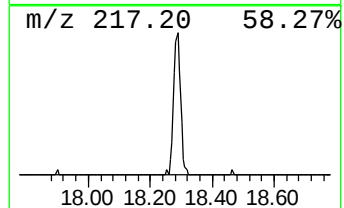
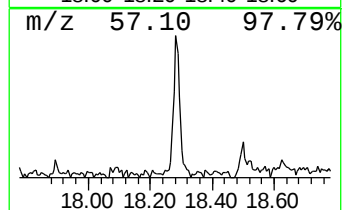
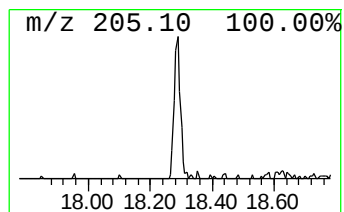
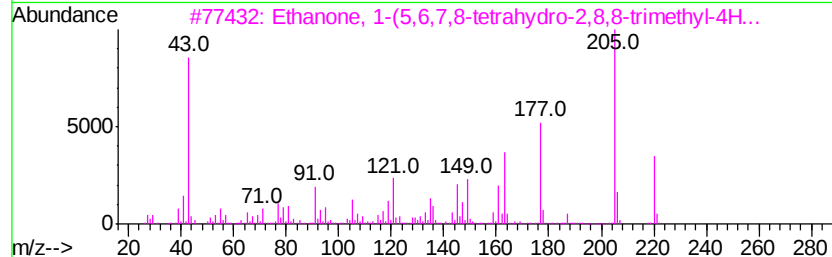
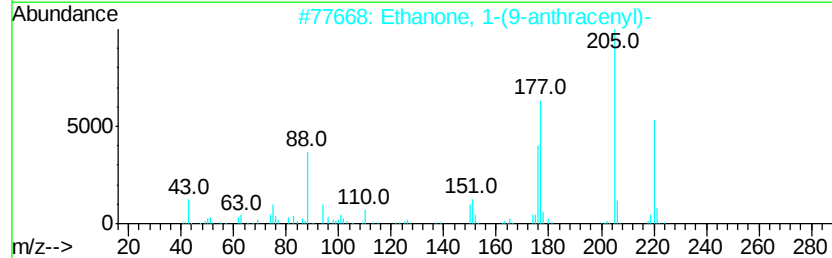
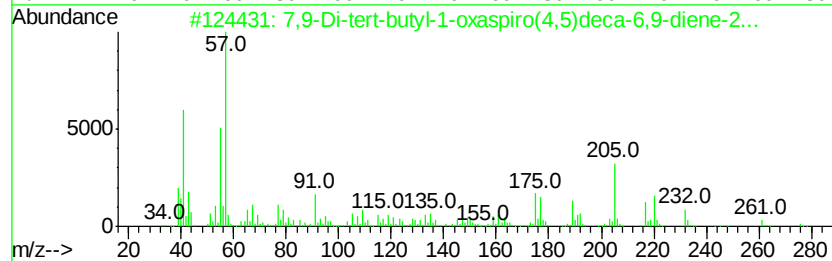
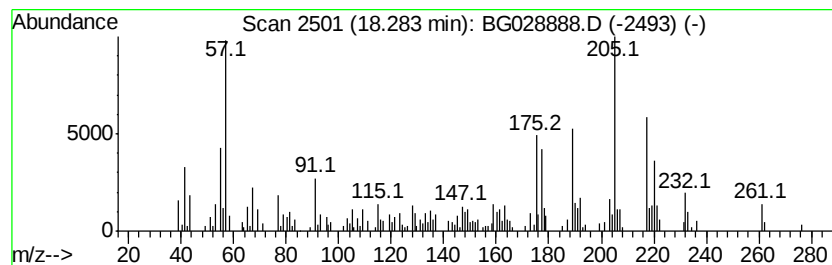
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	6.02 ng	166516	Phenanthrene-d10	17.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	93
2			Ethanone, 1-(9-anthracenyl)-	220	C16H12O	000784-04-3	43
3			Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	38
4			2-Phenazinecarbonitrile	205	C13H7N3	006479-93-2	35
5			9-Acetylphenanthrene	220	C16H12O	002039-77-2	30



Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
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Sample : I5301-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20170608-COMP-A

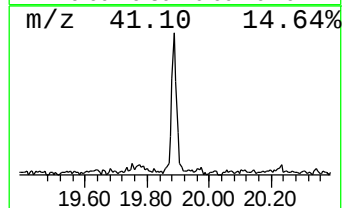
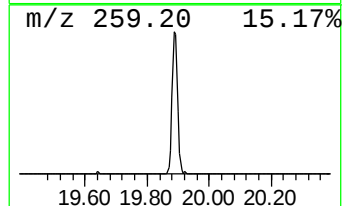
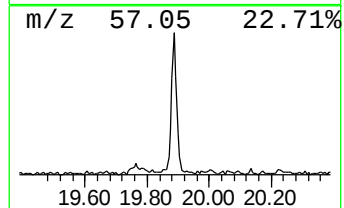
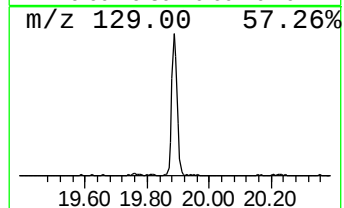
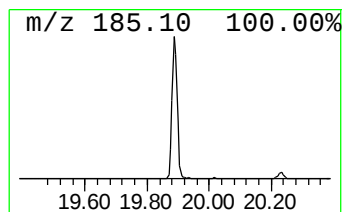
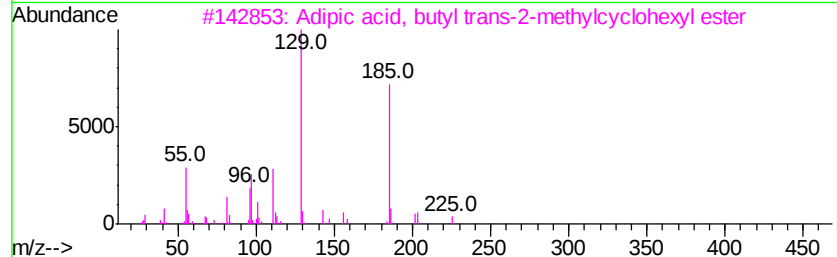
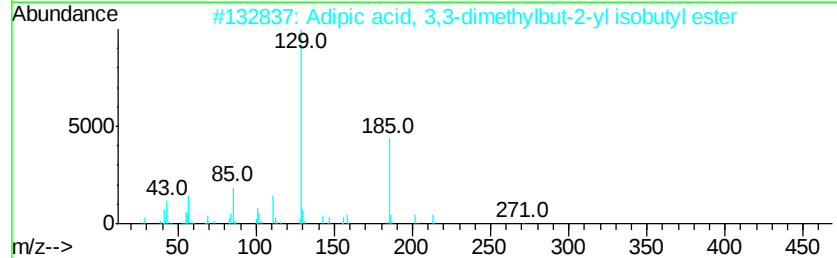
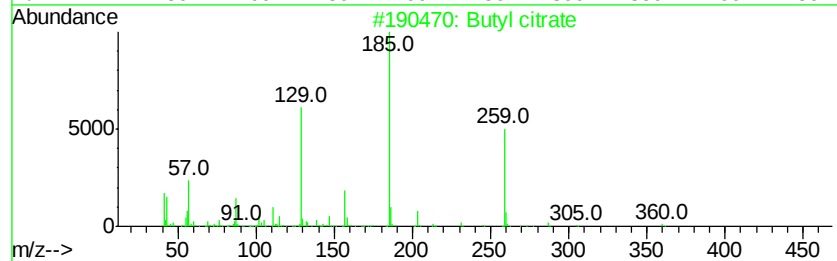
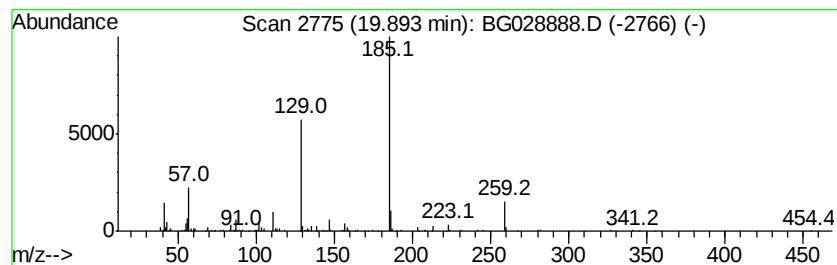
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Butyl citrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	7.86 ng	285113	Chrysene-d12	21.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butyl citrate	360	C18H32O7	000077-94-1	72
2		Adipic acid, 3,3-dimethylbut-2-yl...	286	C16H30O4	1000353-66-7	64
3		Adipic acid, butyl trans-2-methyl...	298	C17H30O4	1000324-74-6	64
4		Adipic acid, 2-ethylhexyl isobutyl...	314	C18H34O4	1000324-48-0	64
5		Adipic acid, 4-heptyl isobutyl e...	300	C17H32O4	1000349-73-6	50



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Sample : I5301-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20170608-COMP-A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.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
2-Pentanone, 4-hy...	5.38	6.4	ng	44516	1	8.28	139527	20.0
unknown7.81	7.81	105.8	ng	737917	1	8.28	139527	20.0
unknown11.90	11.90	5.8	ng	55156	2	11.10	191426	20.0
3-Buten-2-one, 4-...	14.40	2.8	ng	42938	3	14.90	310291	20.0
unknown15.28	15.28	7.7	ng	119285	3	14.90	310291	20.0
Pentanoic acid, 2...	15.66	18.9	ng	292955	3	14.90	310291	20.0
7,9-Di-tert-butyl...	18.28	6.0	ng	166516	4	17.64	552776	20.0
Butyl citrate	19.89	7.9	ng	285113	5	21.96	725273	20.0