

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
 Data File : BG024746.D
 Acq On : 8 Nov 2016 2:11
 Operator : UM/SJ
 Sample : H5543-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-113-16.5-17.0

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-BG102516.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	2.972	18	23	34	rVB3	126857	322604	3.27%	0.663%
2	3.119	43	48	68	rVB	5908552	9854254	100.00%	20.250%
3	3.266	68	73	85	rVB2	147503	325011	3.30%	0.668%
4	5.323	415	423	430	rBV	312479	487384	4.95%	1.002%
5	5.793	495	503	514	rVB	1442595	2377516	24.13%	4.886%
6	7.397	767	776	787	rBV	1494635	2700887	27.41%	5.550%
7	7.784	833	842	851	rBV	1402543	2519419	25.57%	5.177%
8	8.260	916	923	931	rBV	353985	629619	6.39%	1.294%
9	8.583	970	978	987	rBV	1015364	1823492	18.50%	3.747%
10	9.435	1115	1123	1131	rBV	893199	1669847	16.95%	3.432%
11	11.086	1396	1404	1412	rVB	456020	846222	8.59%	1.739%
12	13.501	1805	1815	1824	rBV	2351503	3635288	36.89%	7.470%
13	14.312	1946	1953	1959	rBV	593726	872818	8.86%	1.794%
14	14.876	2041	2049	2056	rBV	793175	1251164	12.70%	2.571%
15	16.357	2293	2301	2308	rBV	2405370	3760670	38.16%	7.728%
16	16.533	2326	2331	2339	rVB	62893	110336	1.12%	0.227%
17	17.620	2508	2516	2527	rBV	1072988	1687784	17.13%	3.468%
18	18.460	2654	2659	2667	rBV2	114656	175710	1.78%	0.361%
19	20.199	2949	2955	2961	rBV	4944251	6442169	65.37%	13.239%
20	21.492	3169	3175	3183	rBV2	285195	499331	5.07%	1.026%
21	21.915	3240	3247	3254	rBV	1425859	2500202	25.37%	5.138%
22	22.056	3263	3271	3276	rBV5	97999	181377	1.84%	0.373%
23	22.690	3374	3379	3385	rBV	129685	229402	2.33%	0.471%
24	23.425	3497	3504	3511	rBV3	159449	315818	3.20%	0.649%
25	24.271	3641	3648	3655	rVB2	152889	346119	3.51%	0.711%
26	25.276	3813	3819	3820	rBV3	115274	165863	1.68%	0.341%
27	25.340	3821	3830	3846	rVB	814751	2611228	26.50%	5.366%
28	26.480	4013	4024	4033	rBV4	99724	320465	3.25%	0.659%

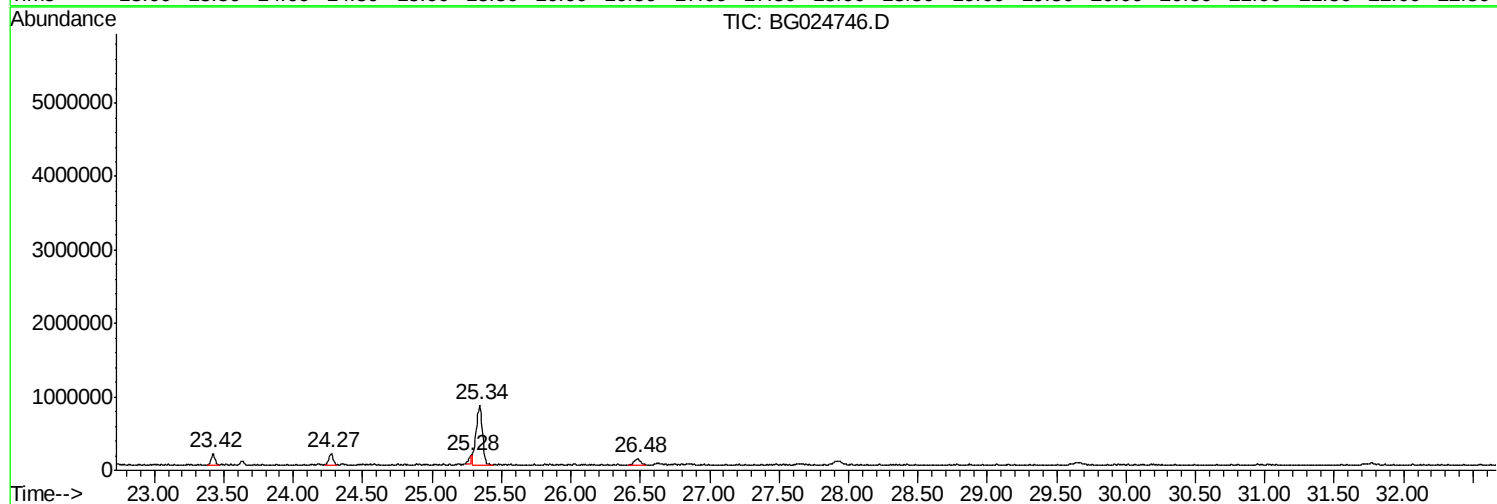
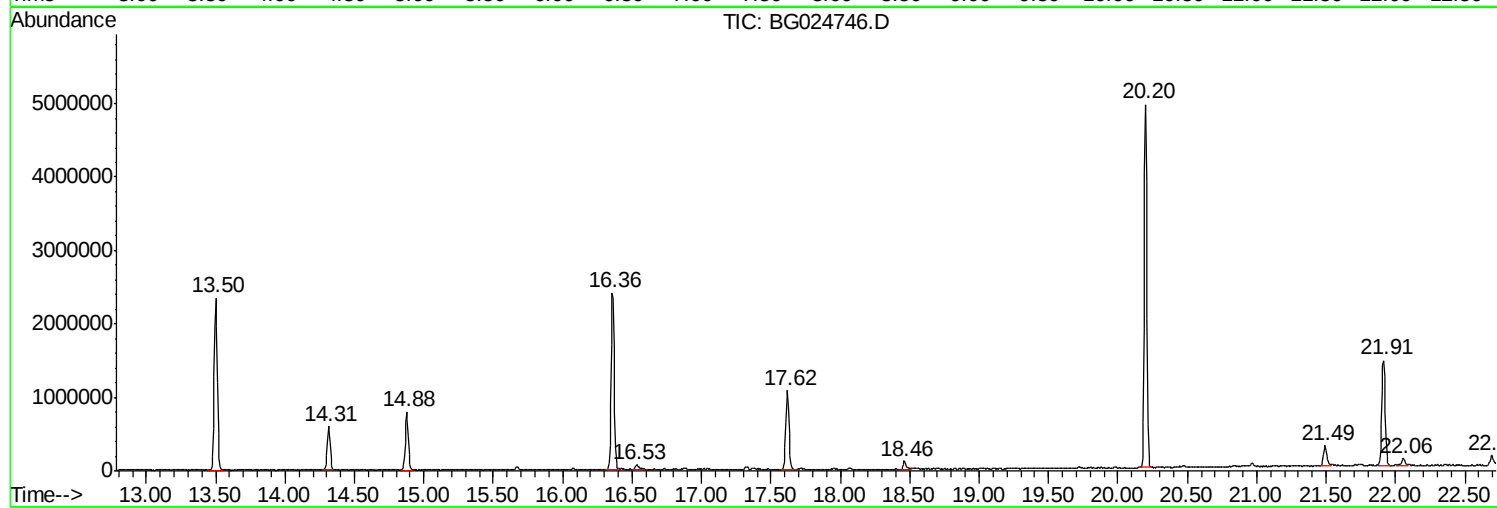
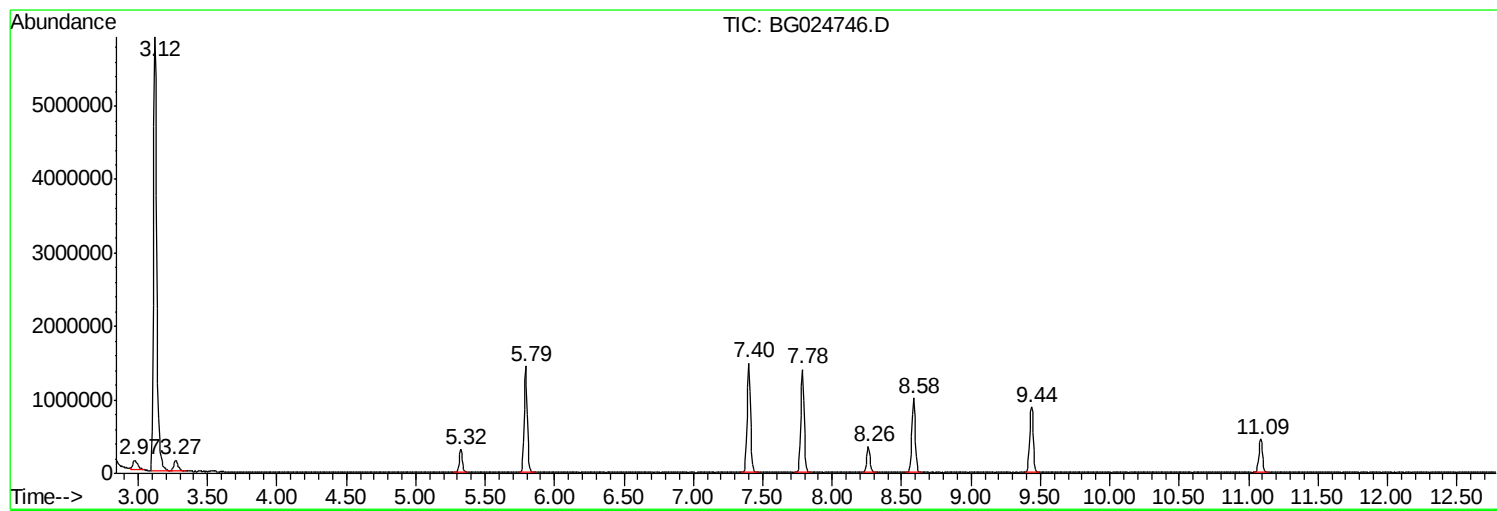
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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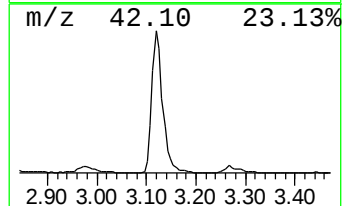
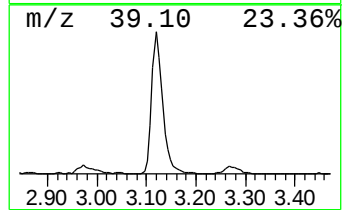
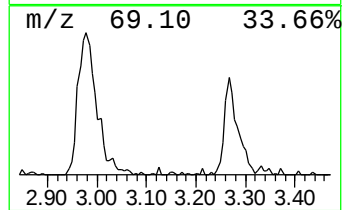
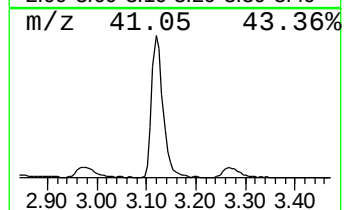
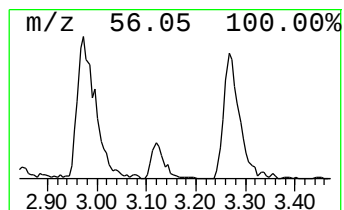
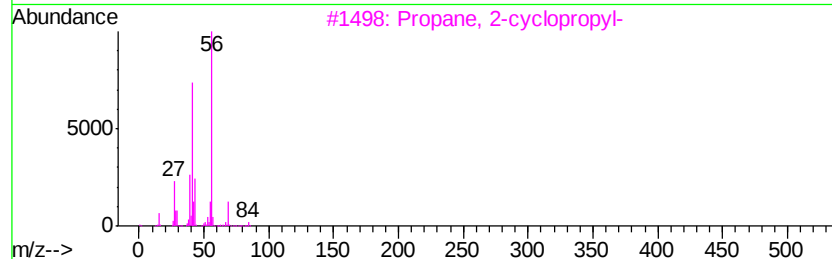
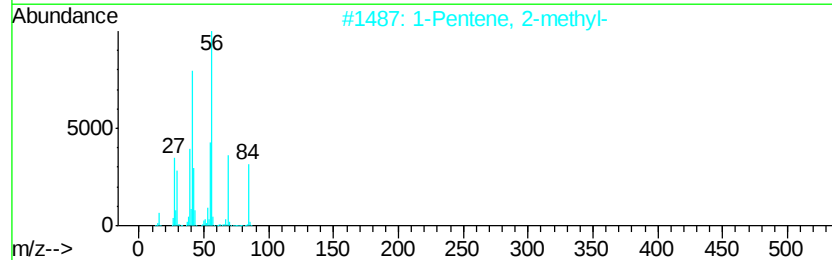
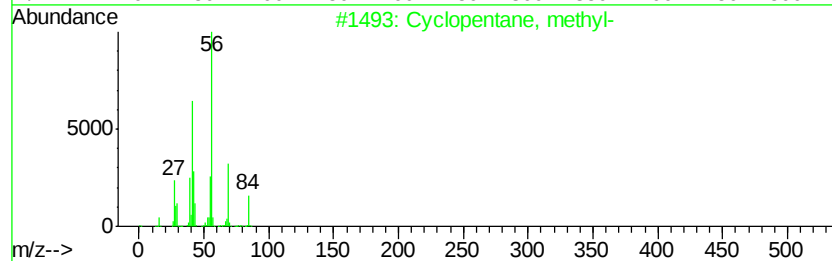
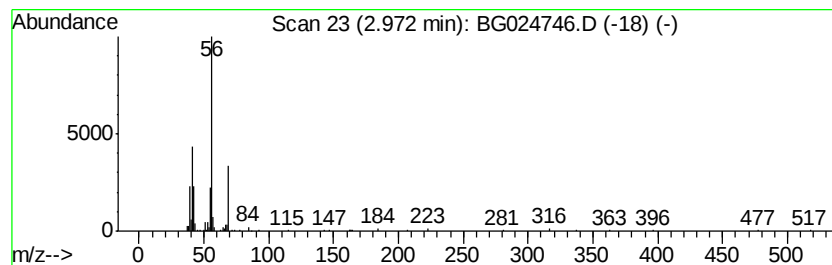
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclopentane, methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	10.25 ng	322604	1,4-Dichlorobenzene-d4	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
2		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
3		Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	59
4		Cyclobutane, ethyl-	84	C6H12	004806-61-5	53
5		1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	53



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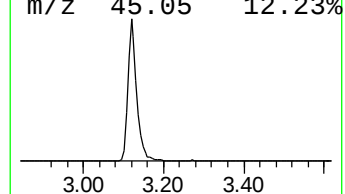
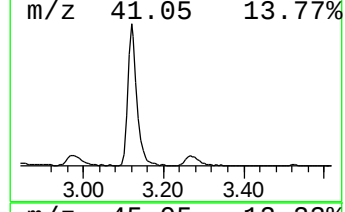
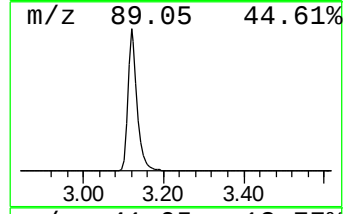
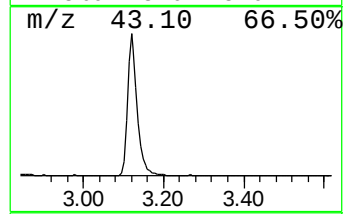
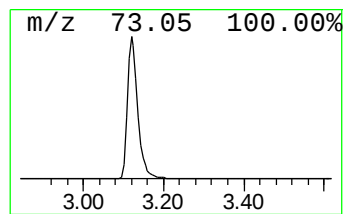
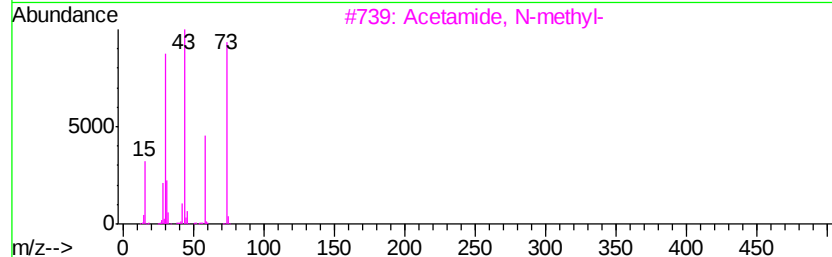
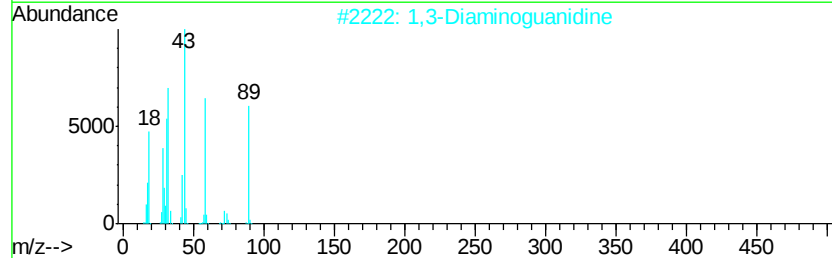
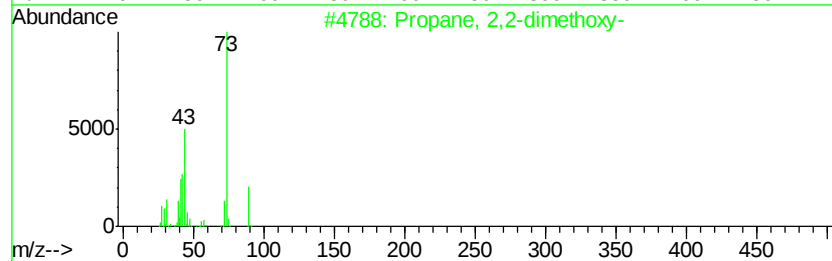
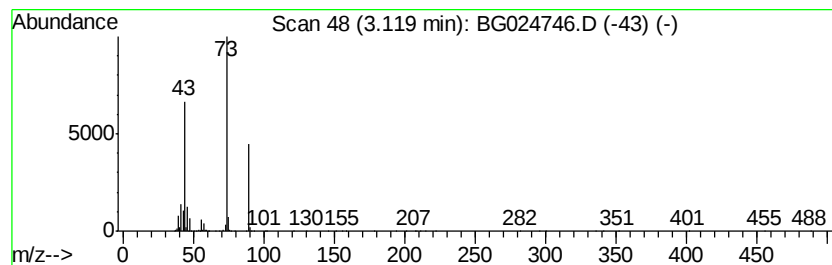
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown3.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	313.02 ng	9854250	1,4-Dichlorobenzene-d4	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	40
2		1,3-Diaminoquanidine	89	CH7N5	004364-78-7	9
3		Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9



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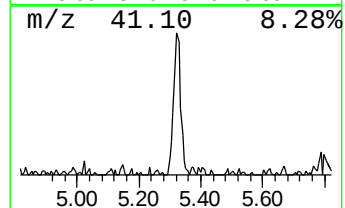
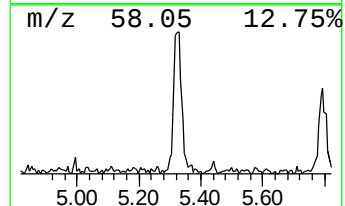
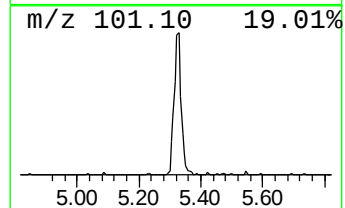
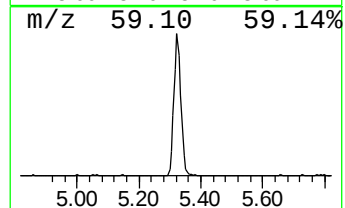
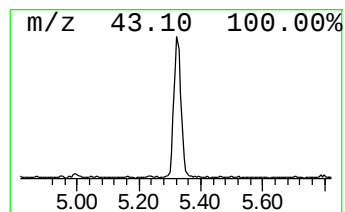
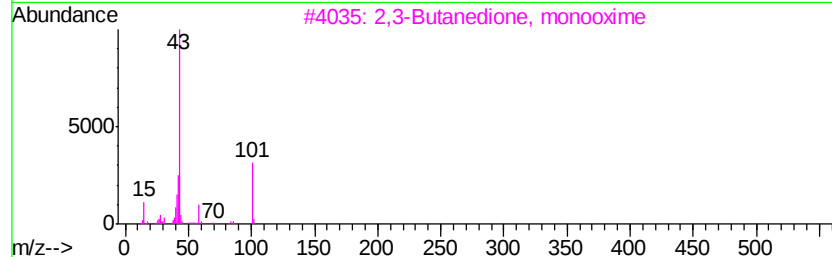
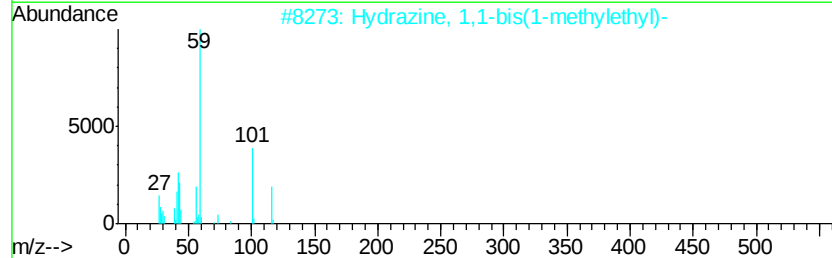
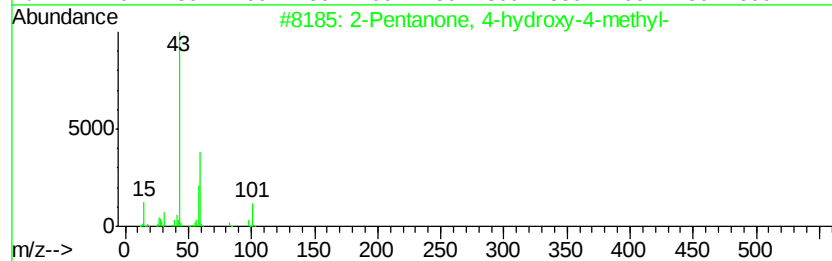
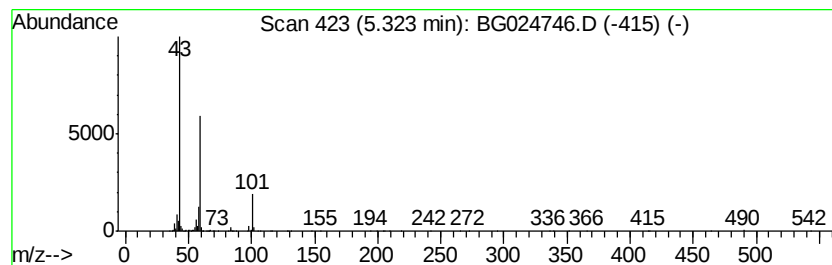
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	15.48 ng	487384	1,4-Dichlorobenzene-d4	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	37
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4		Silane, trimethyl-	74	C3H10Si	000993-07-7	23
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17



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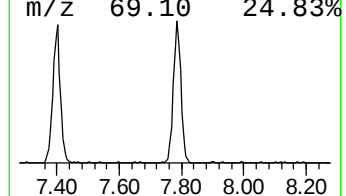
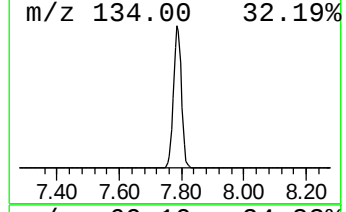
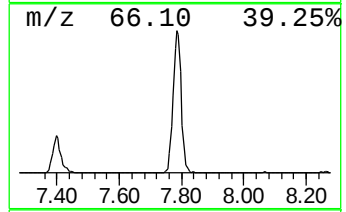
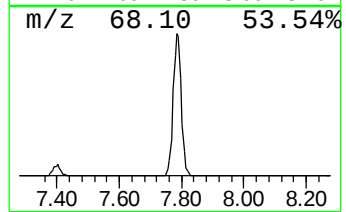
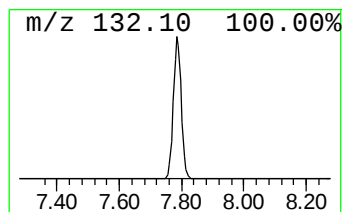
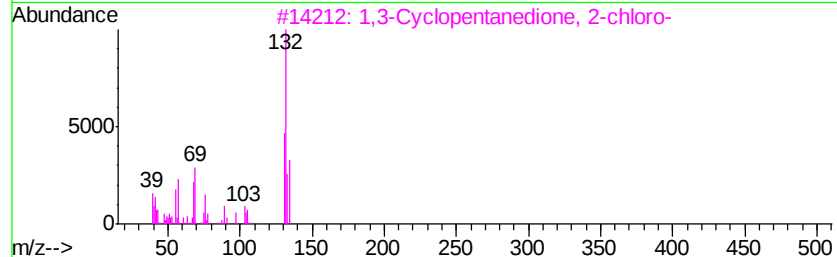
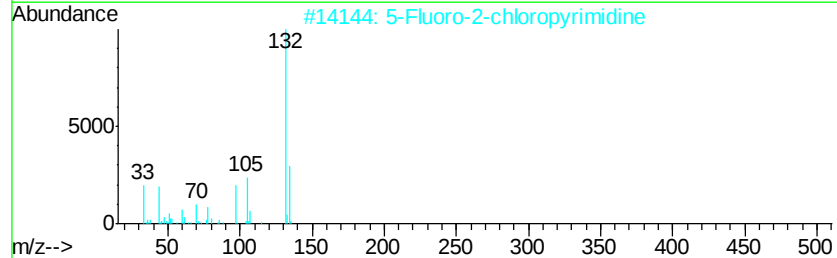
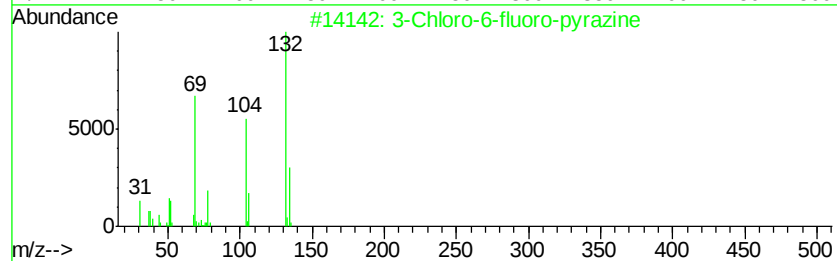
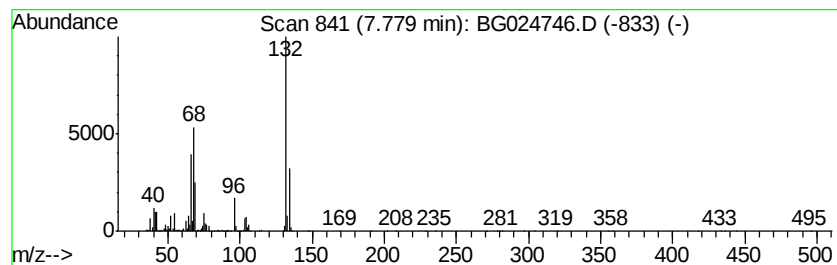
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Peak Number 5 unknown7.78 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	80.03 ng	2519420	1,4-Dichlorobenzene-d4	8.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine			132	C4H2ClFN2	062802-42-0	27
3	1,3-Cyclopentanedione, 2-chloro-			132	C5H5ClO2	014203-19-1	25
4	1H-Benzimidazole, 2-methyl-			132	C8H8N2	000615-15-6	22
5	Cyclopropanamine, 1-phenyl-			133	C9H11N	1000351-26-2	22



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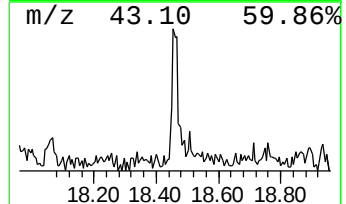
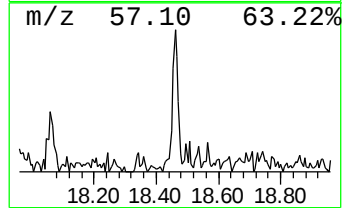
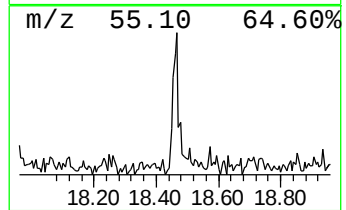
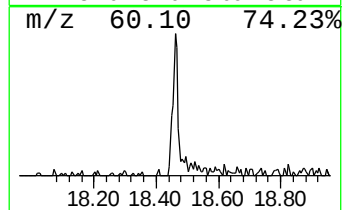
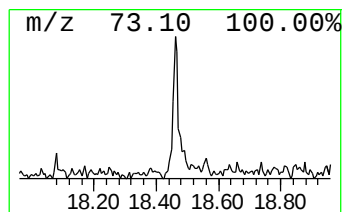
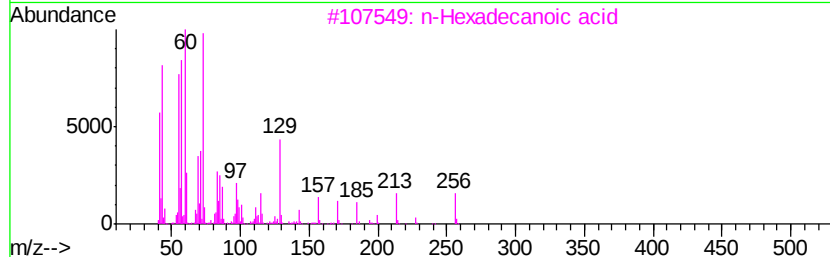
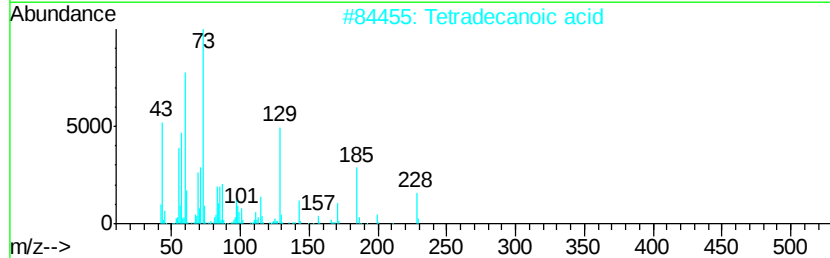
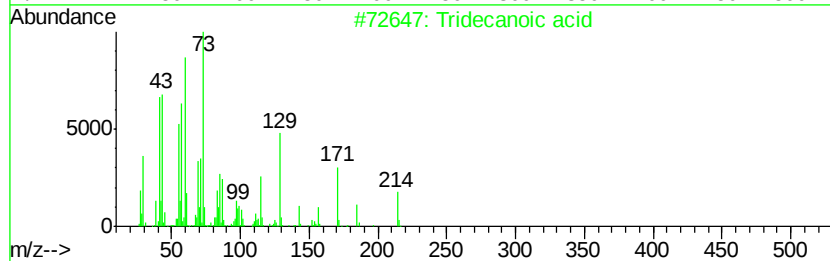
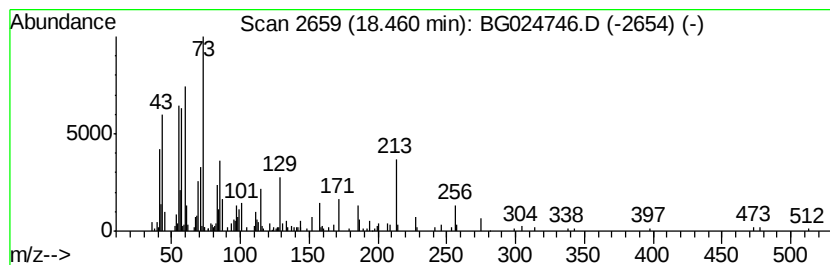
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tridecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	2.08 ng	175710	Phenanthrene-d10	17.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	93
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
4		Dodecanoic acid	200	C12H24O2	000143-07-7	53
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	52



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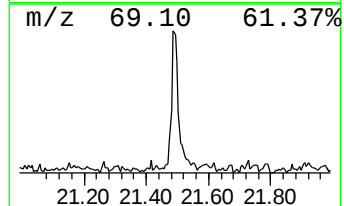
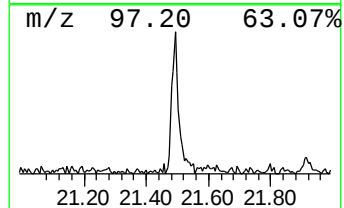
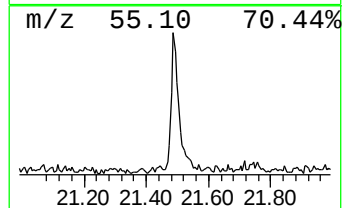
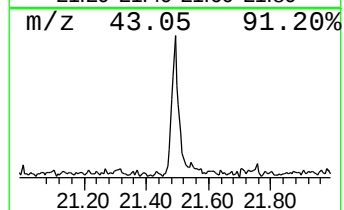
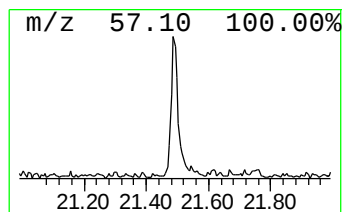
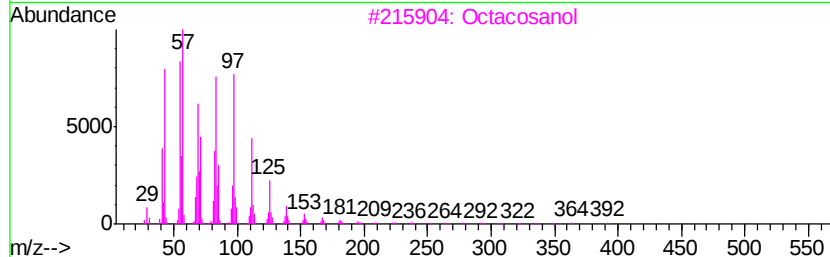
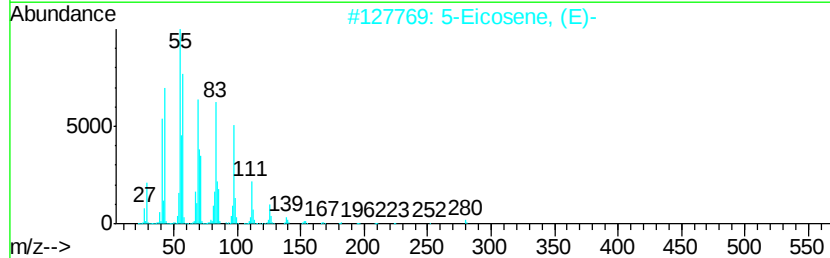
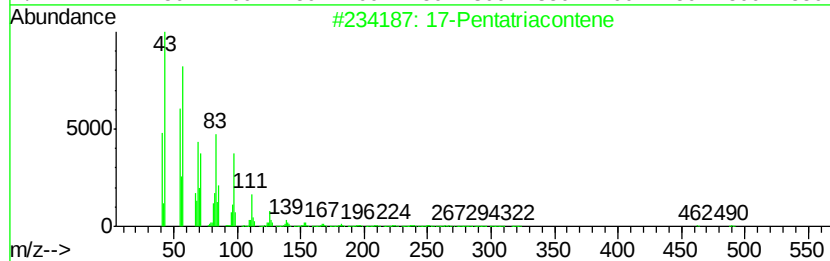
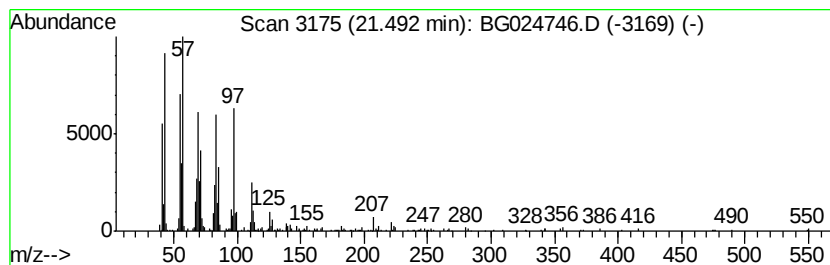
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 17-Pentatriacontene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	3.99 ng	499331	Chrysene-d12	21.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	95
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	91
3		Octacosanol	410	C28H58O	000557-61-9	91
4		9-Eicosene, (E)-	280	C20H40	074685-29-3	87
5		1-Docosene	308	C22H44	001599-67-3	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024746.D
Acq On : 8 Nov 2016 2:11
Operator : UM/SJ
Sample : H5543-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-113-16.5-17.0

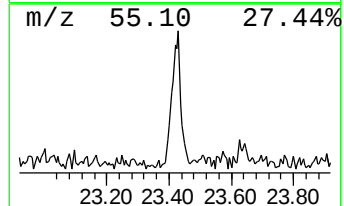
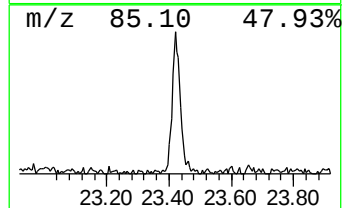
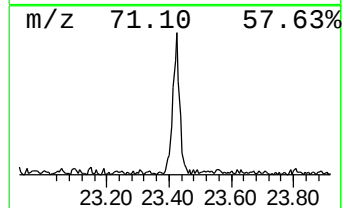
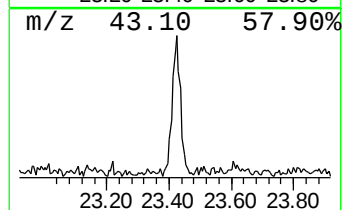
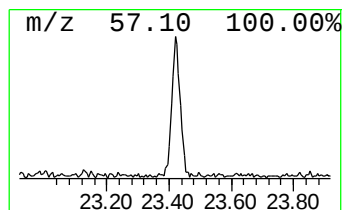
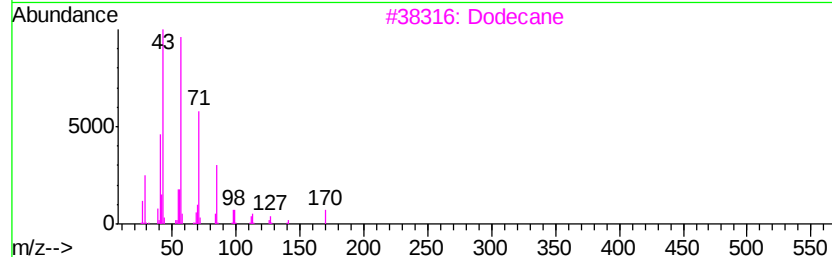
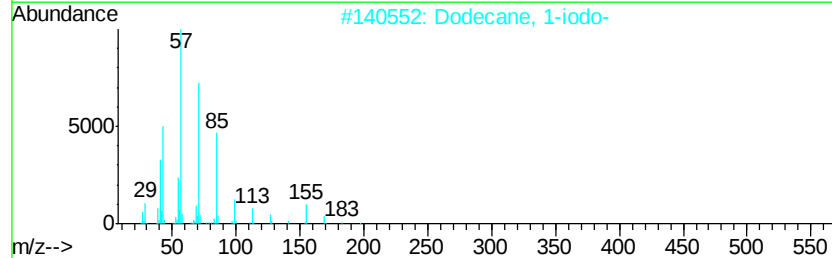
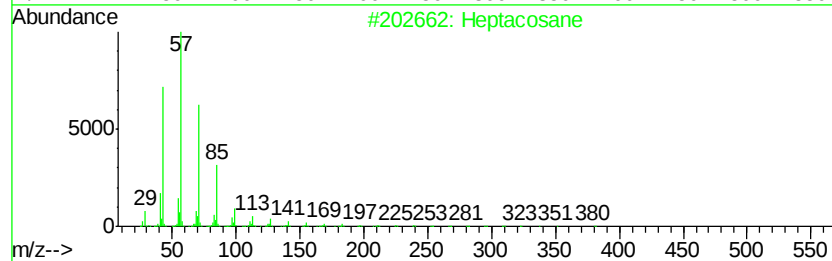
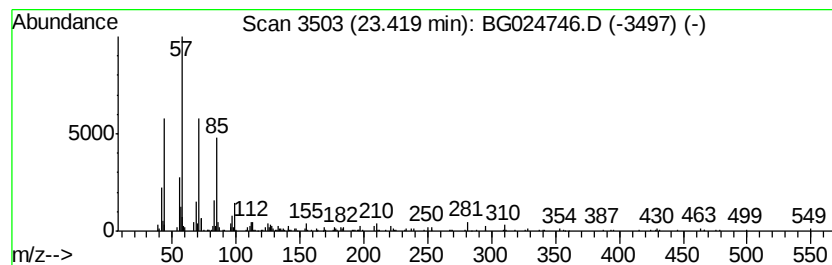
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.42	2.53 ng	315818	Chrysene-d12	21.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	80
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3		Dodecane	170	C12H26	000112-40-3	80
4		Nonadecane	268	C19H40	000629-92-5	80
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024746.D
Acq On : 8 Nov 2016 2:11
Operator : UM/SJ
Sample : H5543-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-113-16.5-17.0

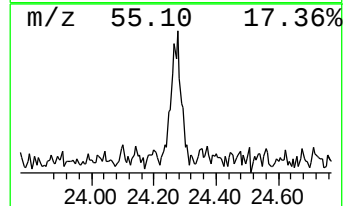
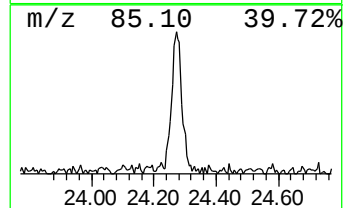
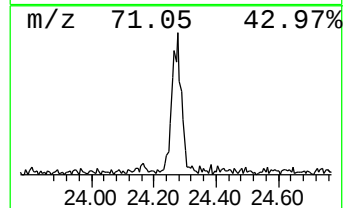
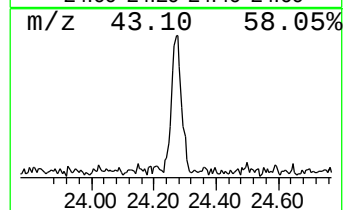
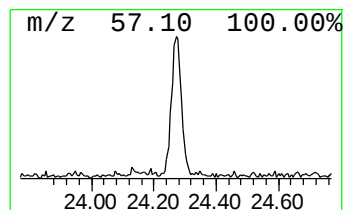
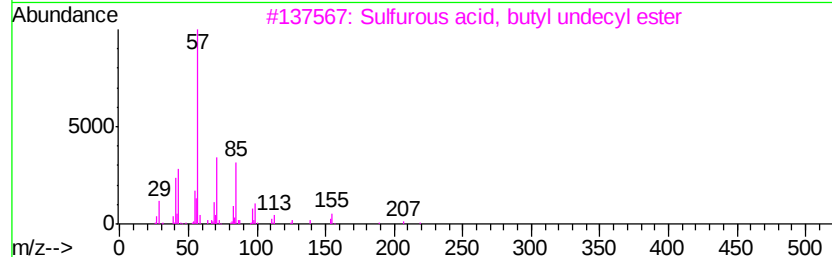
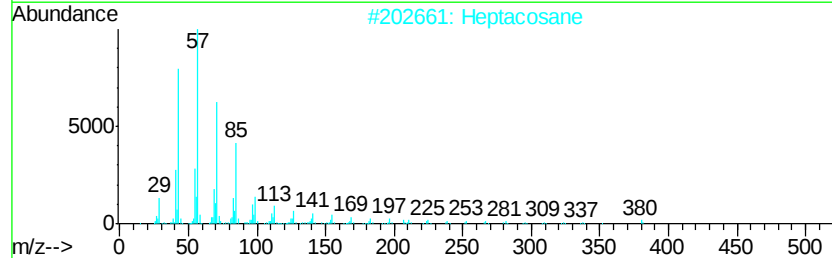
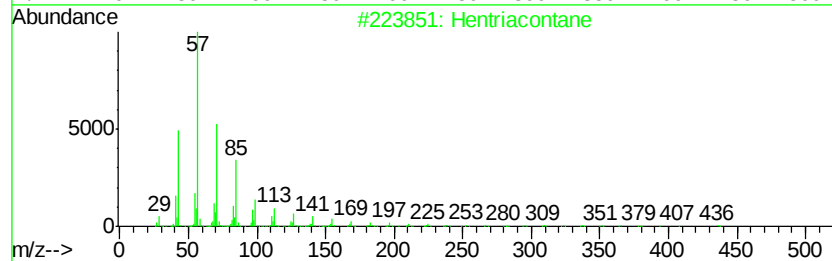
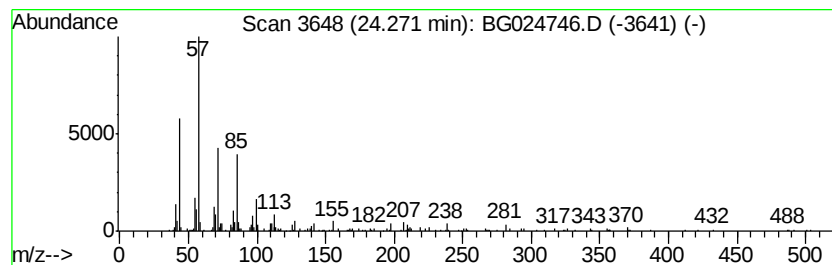
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hentriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.27	2.65 ng	346119	Perylene-d12	25.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	83
2	Heptacosane		380	C27H56	000593-49-7	83
3	Sulfurous acid, butyl undecyl ester		292	C15H32O3S	1000309-17-8	80
4	Tetratetracontane		619	C44H90	007098-22-8	80
5	Heneicosane		296	C21H44	000629-94-7	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024746.D
Acq On : 8 Nov 2016 2:11
Operator : UM/SJ
Sample : H5543-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-113-16.5-17.0

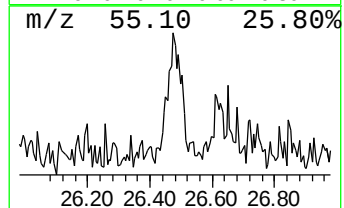
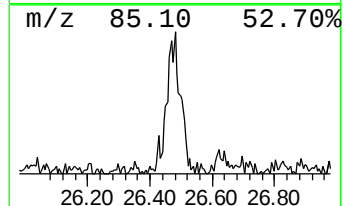
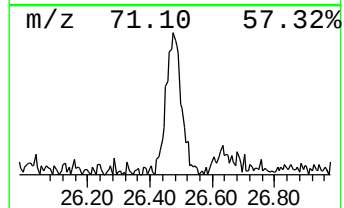
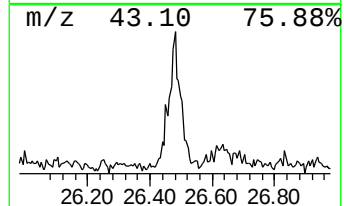
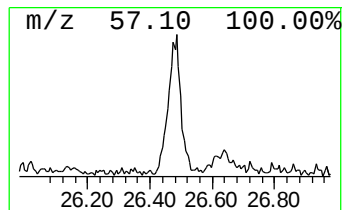
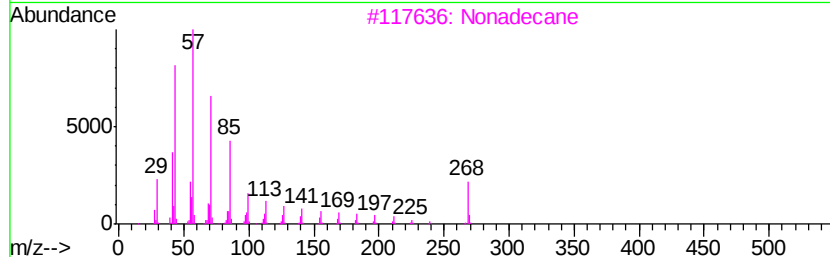
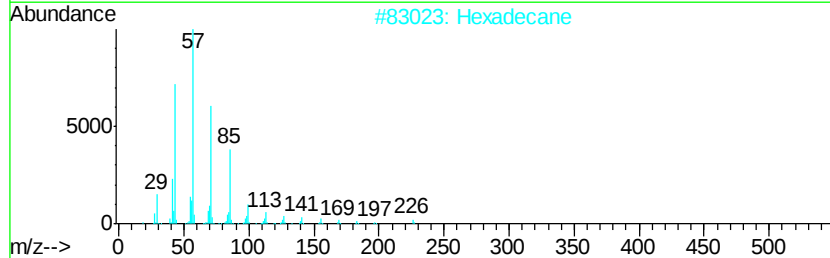
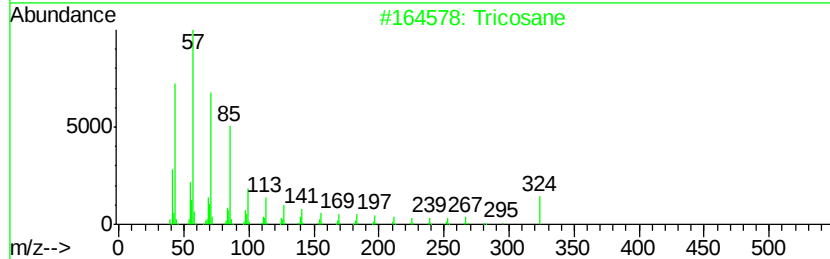
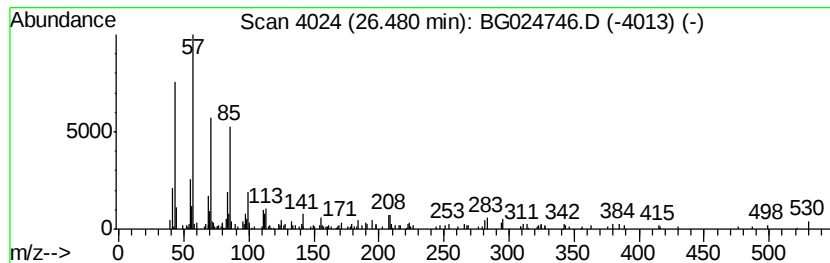
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tricosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.48	2.45 ng	320465	Perylene-d12	25.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosane	324	C23H48	000638-67-5	90
2			Hexadecane	226	C16H34	000544-76-3	76
3			Nonadecane	268	C19H40	000629-92-5	74
4			Tridecane, 2-methyl-	198	C14H30	001560-96-9	74
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	74



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110716\
Data File : BG024746.D
Acq On : 8 Nov 2016 2:11
Operator : UM/SJ
Sample : H5543-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-113-16.5-17.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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
Cyclopentane, met...	2.97	10.3	ng	322604	1	8.26	629619	20.0
unknown3.12	3.12	313.0	ng	9854250	1	8.26	629619	20.0
2-Pentanone, 4-hy...	5.32	15.5	ng	487384	1	8.26	629619	20.0
unknown7.78	7.78	80.0	ng	2519420	1	8.26	629619	20.0
Tridecanoic acid	18.46	2.1	ng	175710	4	17.62	1687780	20.0
17-Pentatriacontene	21.49	4.0	ng	499331	5	21.91	2500200	20.0
Heptacosane	23.42	2.5	ng	315818	5	21.91	2500200	20.0
Hentriacontane	24.27	2.6	ng	346119	6	25.34	2611230	20.0
Tricosane	26.48	2.5	ng	320465	6	25.34	2611230	20.0