

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
 Data File : BG021199.D
 Acq On : 2 Mar 2016 1:02
 Operator : UM/SJ
 Sample : H1577-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEC-B1-S2

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-BG022916.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	3.058	32	37	58	rVV	1729380	2297973	100.00%	25.503%
2	5.232	401	407	416	rVB	69137	111489	4.85%	1.237%
3	5.702	480	487	498	rVB	341509	535510	23.30%	5.943%
4	7.300	751	759	767	rVB	372977	636143	27.68%	7.060%
5	7.676	816	823	832	rVB	356831	604485	26.31%	6.709%
6	8.146	896	903	910	rBV	50939	84577	3.68%	0.939%
7	8.475	951	959	967	rVB	226784	391046	17.02%	4.340%
8	9.315	1094	1102	1109	rBV	231539	413460	17.99%	4.589%
9	10.955	1373	1381	1390	rVB	82292	144352	6.28%	1.602%
10	13.387	1788	1795	1802	rVB	513837	799026	34.77%	8.868%
11	14.198	1926	1933	1940	rBV	71590	99815	4.34%	1.108%
12	14.756	2022	2028	2035	rVB2	121093	191849	8.35%	2.129%
13	15.579	2163	2168	2173	rVB2	22542	27689	1.20%	0.307%
14	16.237	2273	2280	2287	rVB2	421261	637673	27.75%	7.077%
15	16.436	2310	2314	2323	rBV	19594	33136	1.44%	0.368%
16	17.494	2487	2494	2499	rBV	138391	207961	9.05%	2.308%
17	18.352	2635	2640	2647	rBV	48625	71910	3.13%	0.798%
18	19.615	2849	2855	2866	rBV2	19635	39380	1.71%	0.437%
19	20.079	2928	2934	2940	rBV	762183	1014772	44.16%	11.262%
20	21.372	3149	3154	3161	rBV	107704	149491	6.51%	1.659%
21	21.754	3212	3219	3225	rBV	142630	243902	10.61%	2.707%
22	23.446	3502	3507	3516	rVB	26463	53143	2.31%	0.590%
23	25.026	3766	3776	3785	rBV3	73077	221645	9.65%	2.460%

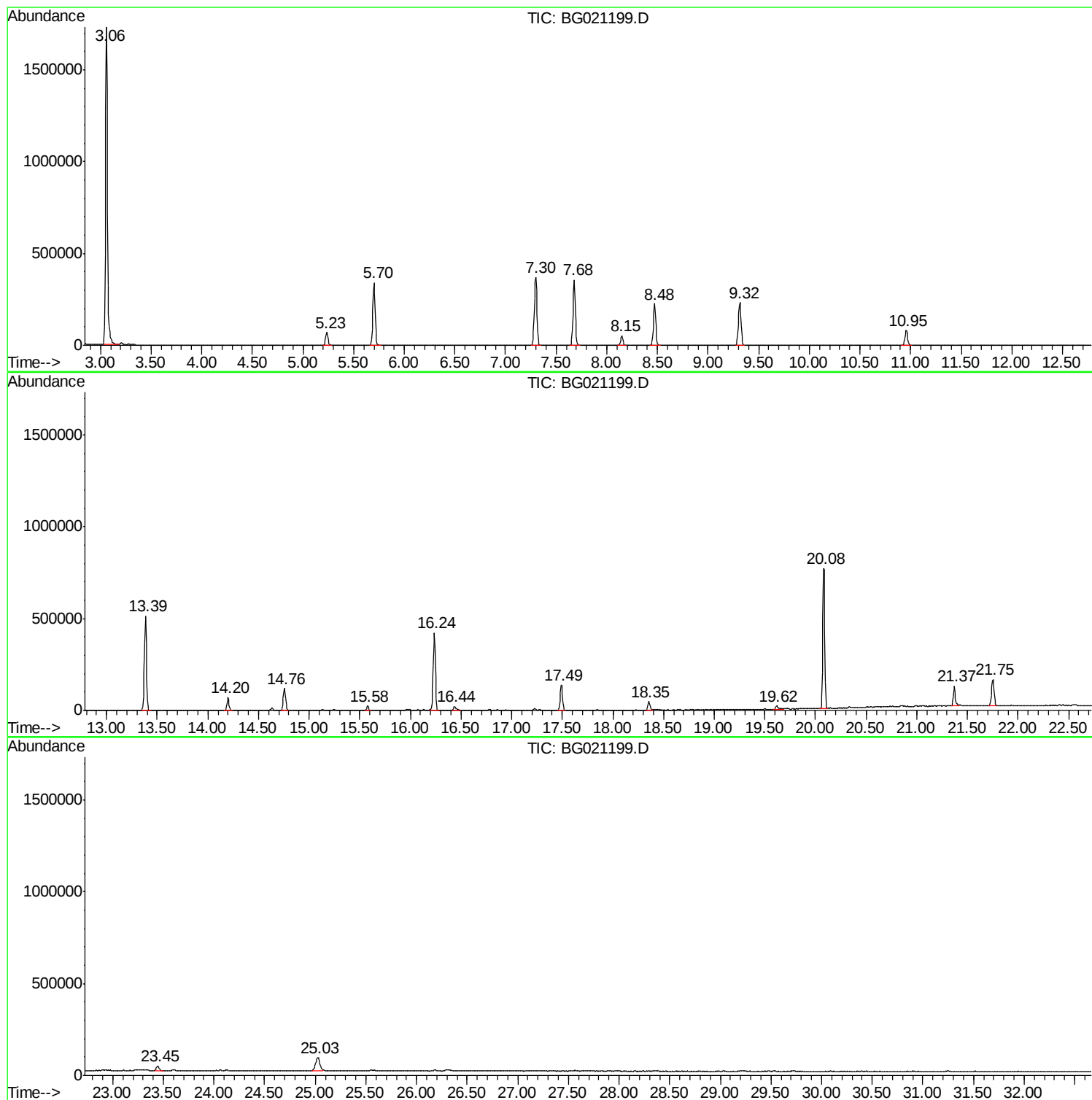
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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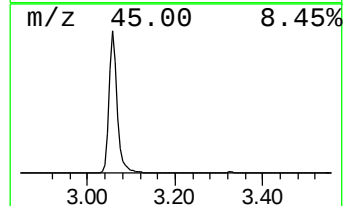
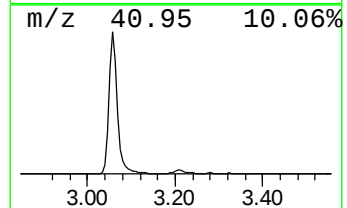
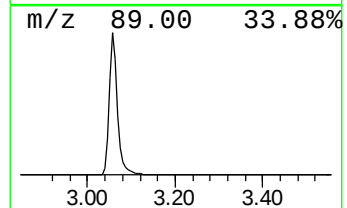
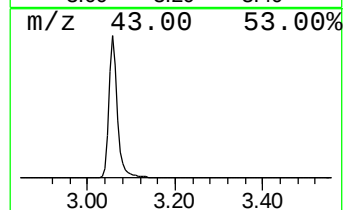
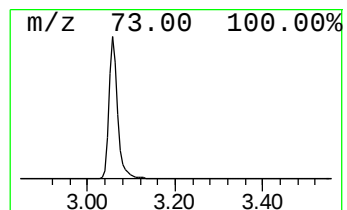
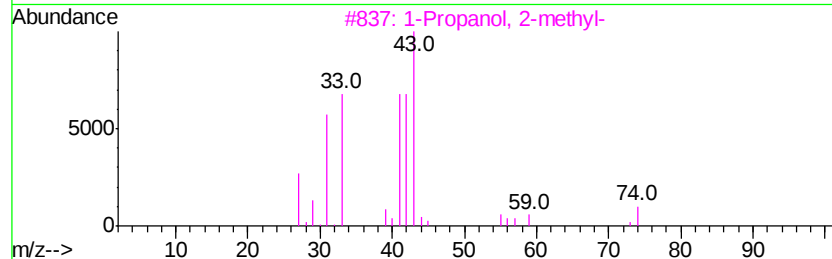
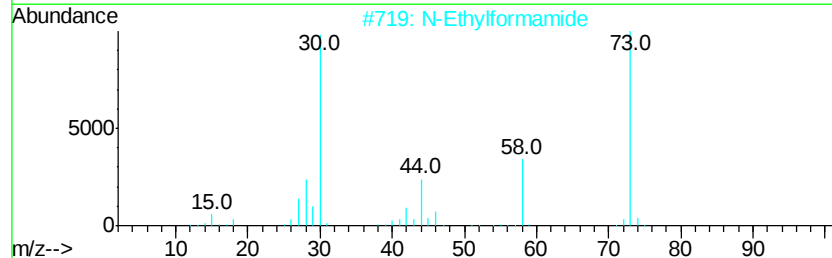
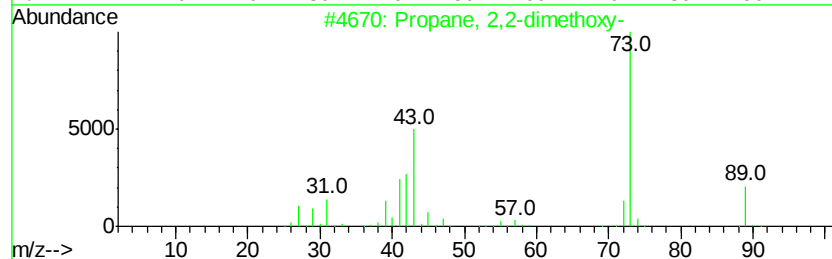
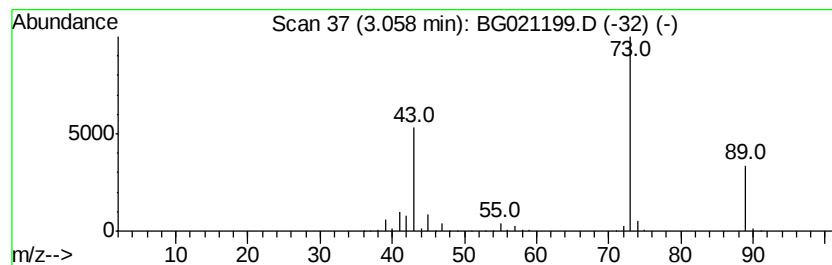
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\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.
3.06	543.40 ng	2297970	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2		N-Ethylformamide	73	C3H7NO	000627-45-2	9
3		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4		1,3-Diaminoquanidine	89	CH7N5	004364-78-7	9
5		1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9



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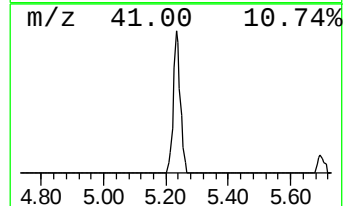
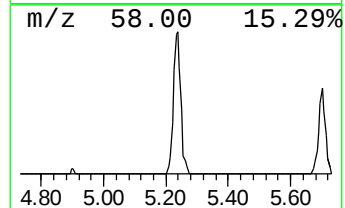
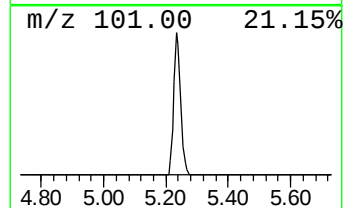
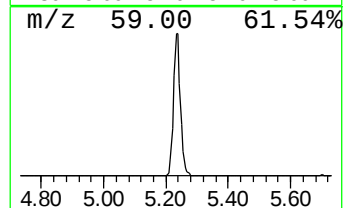
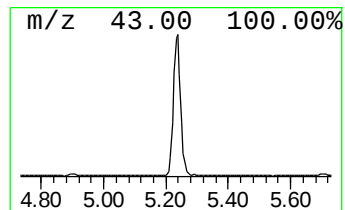
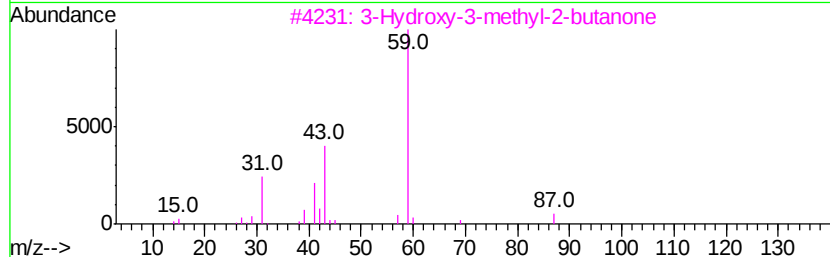
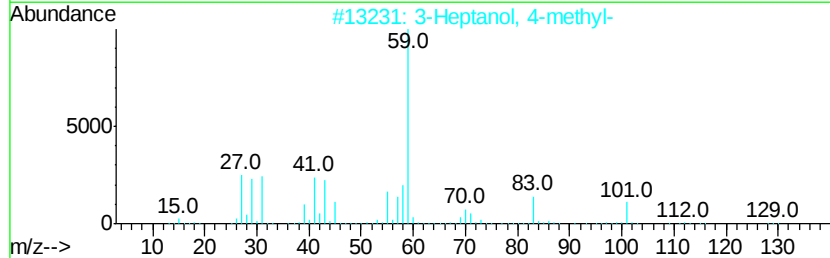
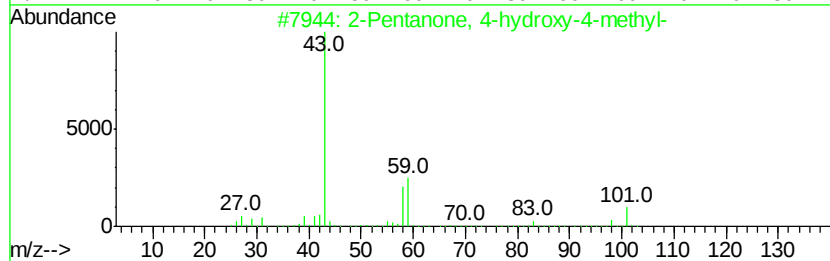
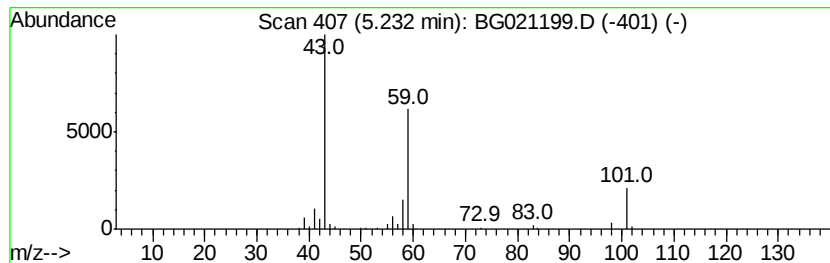
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	26.36 ng	111489	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	28
3		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
4		4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	17
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17



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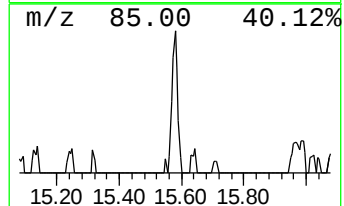
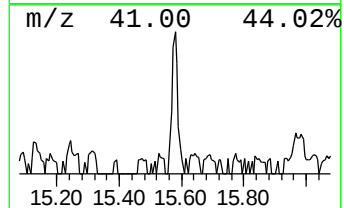
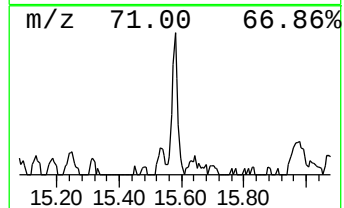
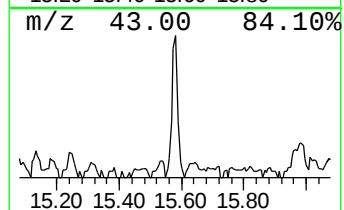
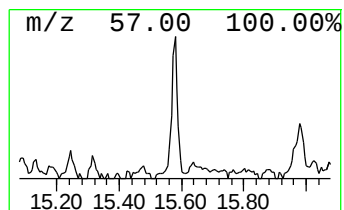
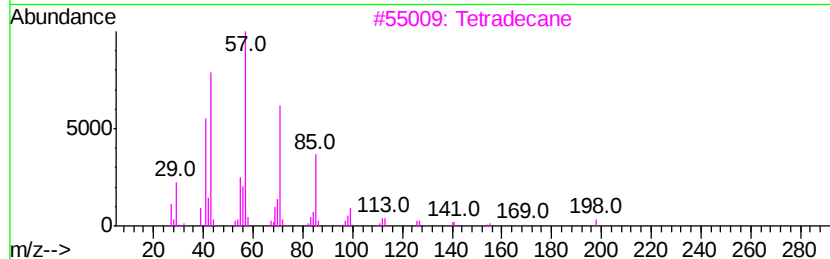
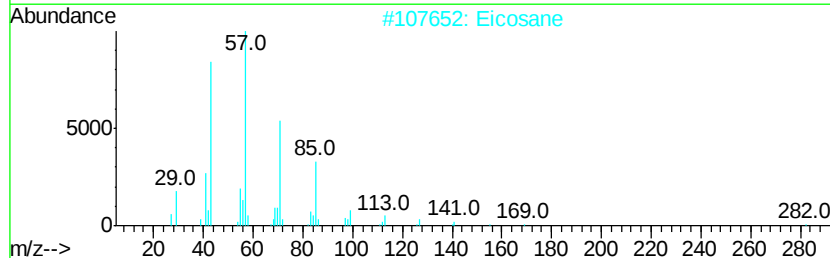
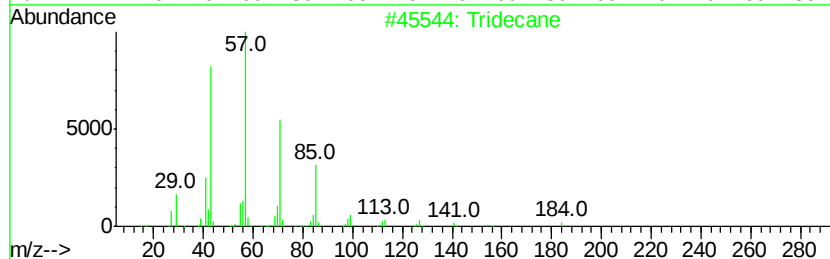
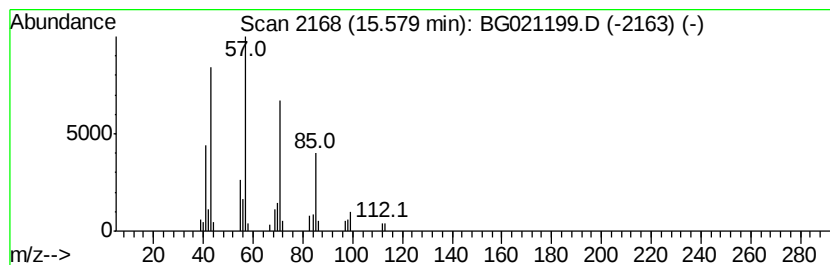
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Peak Number 5 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	2.89 ng	27689	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Eicosane	282	C20H42	000112-95-8	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Pentadecane	212	C15H32	000629-62-9	78



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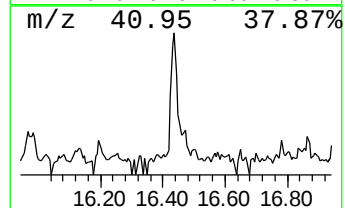
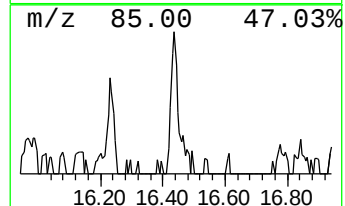
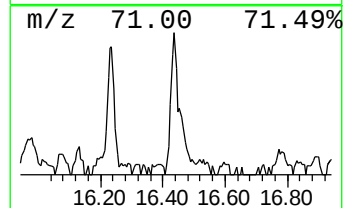
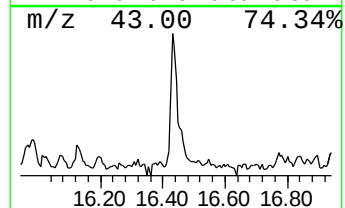
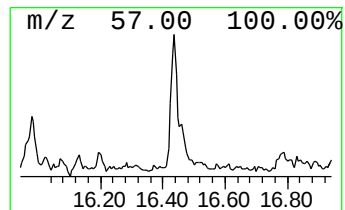
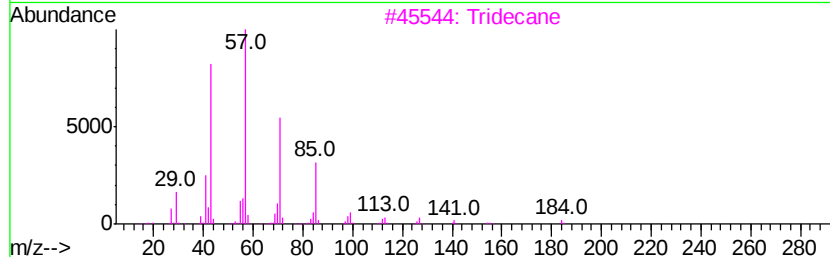
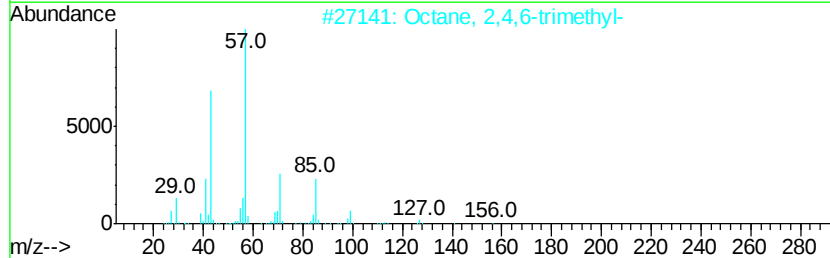
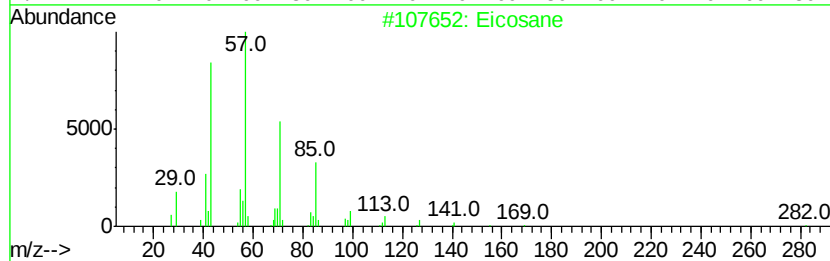
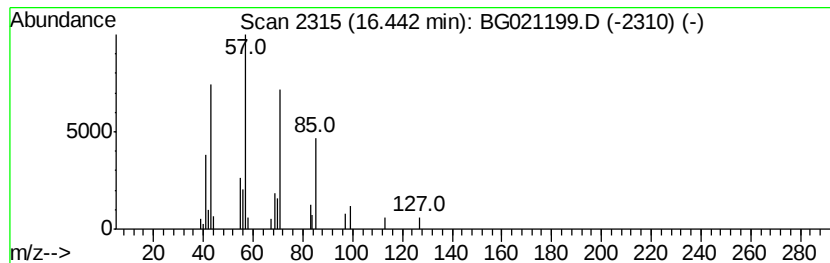
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Peak Number 6 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	3.19 ng	33136	Phenanthrene-d10	17.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	90
2	Octane, 2,4,6-trimethyl-		156	C11H24	062016-37-9	72
3	Tridecane		184	C13H28	000629-50-5	72
4	Tetradecane		198	C14H30	000629-59-4	72
5	Pentadecane		212	C15H32	000629-62-9	64



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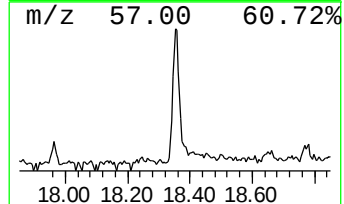
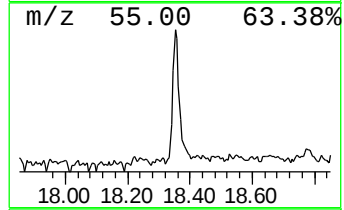
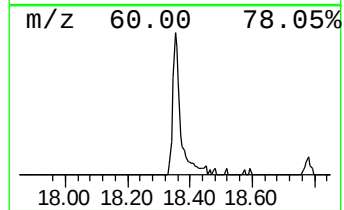
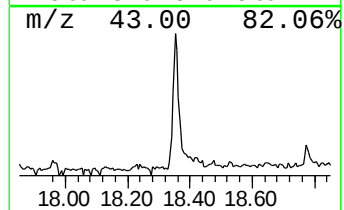
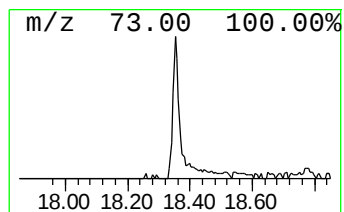
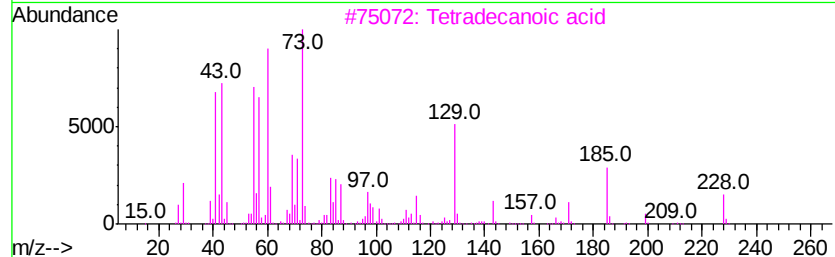
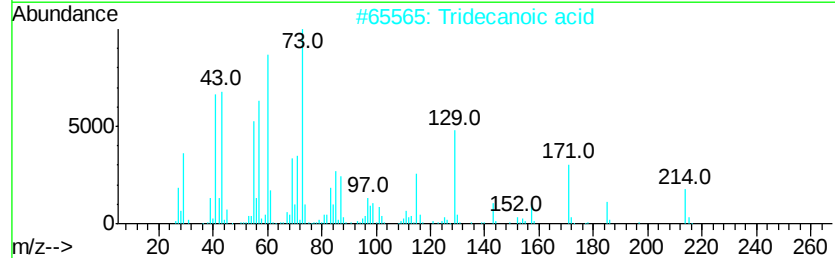
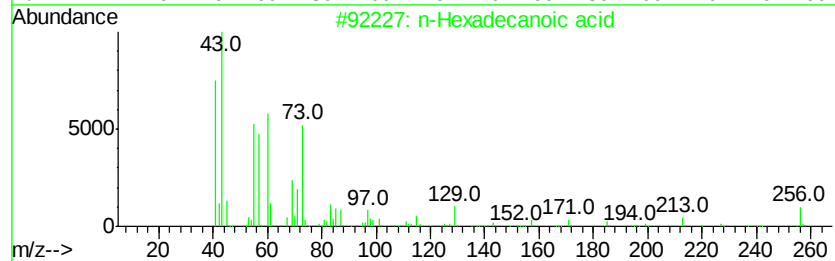
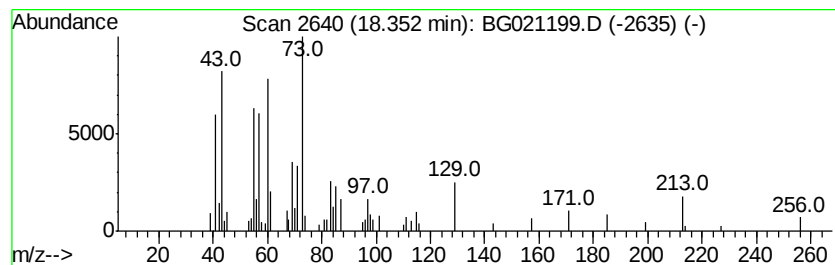
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	6.92 ng	71910	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	Undecanoic acid	186	C11H22O2	000112-37-8	72



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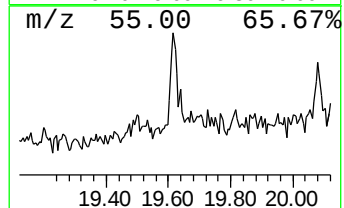
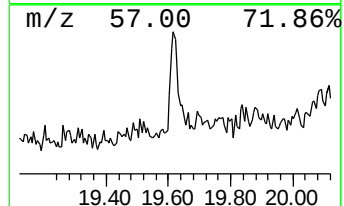
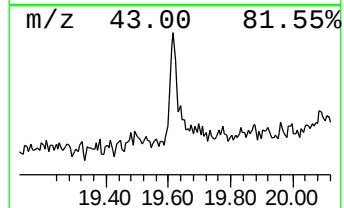
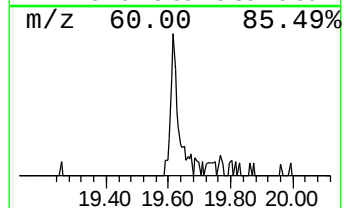
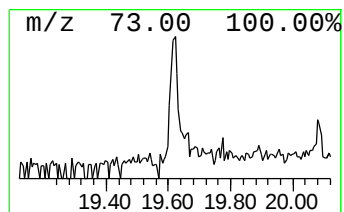
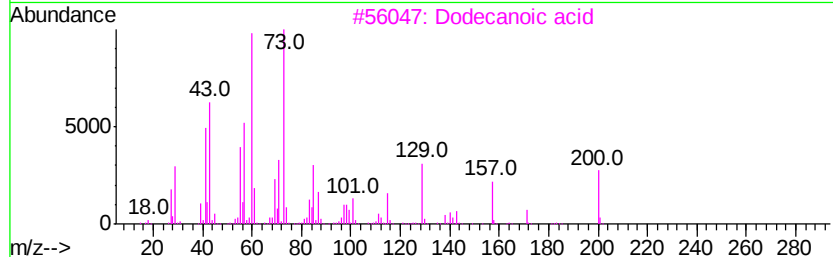
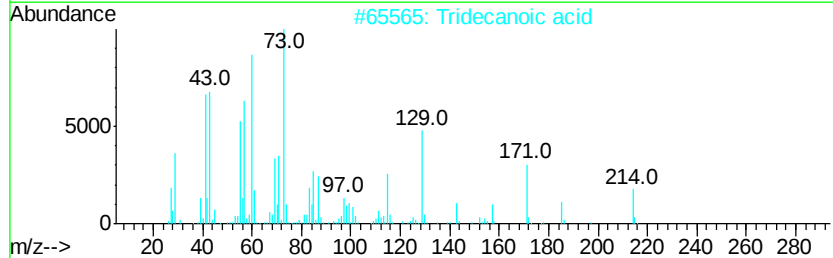
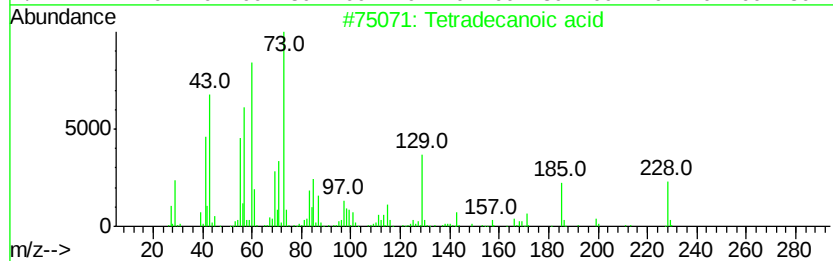
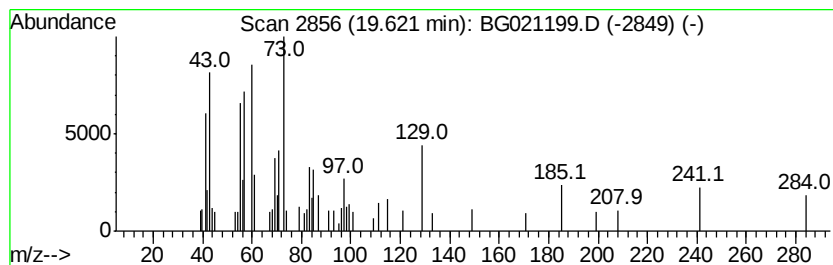
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	3.79 ng	39380	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
2	Tridecanoic acid	214	C13H26O2	000638-53-9	59
3	Dodecanoic acid	200	C12H24O2	000143-07-7	59
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	52



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021199.D
Acq On : 2 Mar 2016 1:02
Operator : UM/SJ
Sample : H1577-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TEC-B1-S2

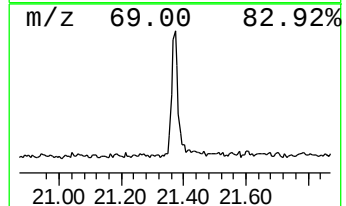
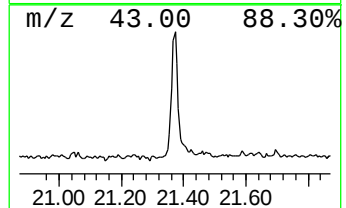
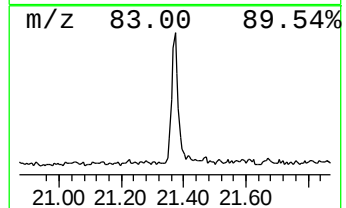
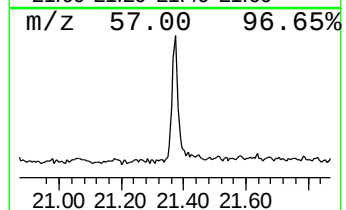
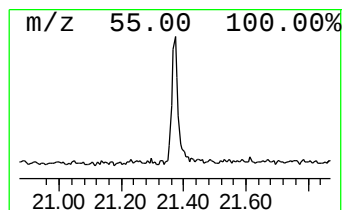
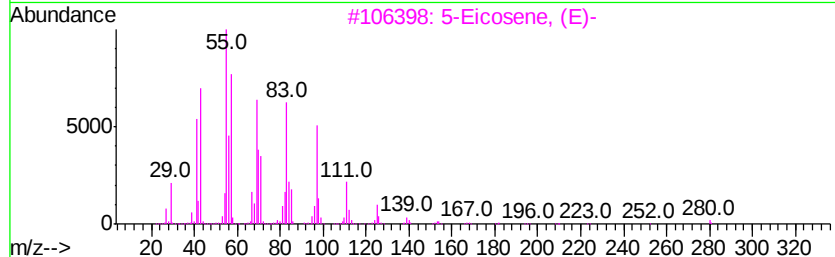
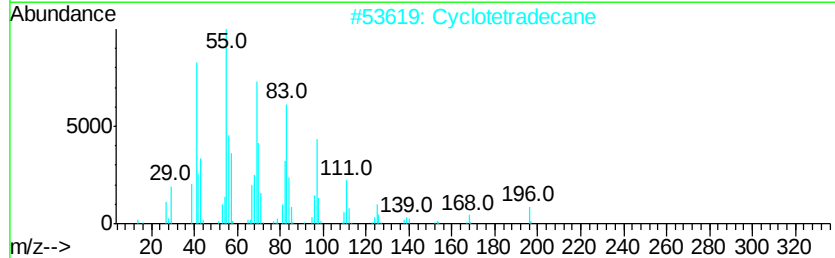
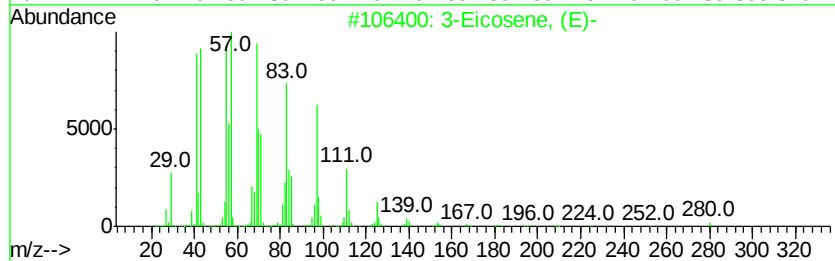
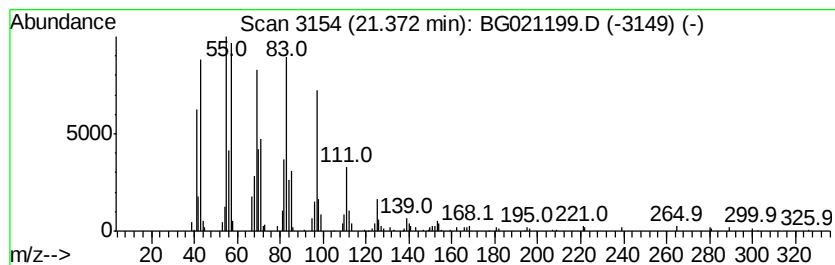
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 3-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	12.26 ng	149491	Chrysene-d12	21.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2		Cyclotetradecane	196	C14H28	000295-17-0	97
3		5-Eicosene, (E)-	280	C20H40	074685-30-6	96
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
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Acq On : 2 Mar 2016 1:02
Operator : UM/SJ
Sample : H1577-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TEC-B1-S2

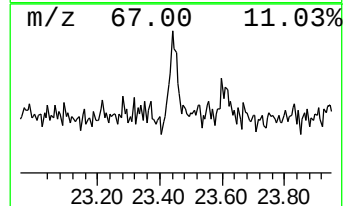
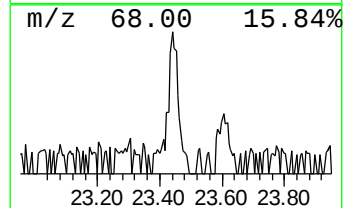
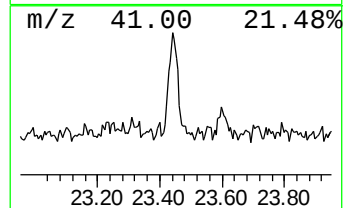
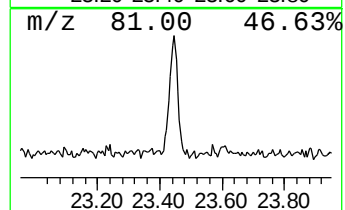
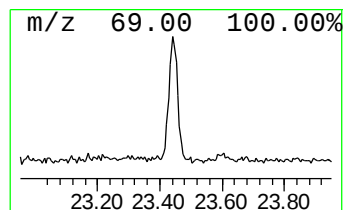
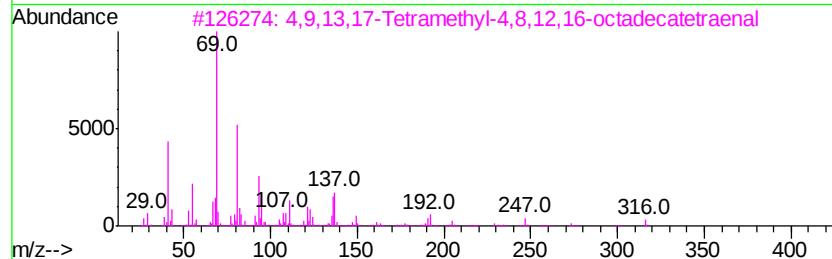
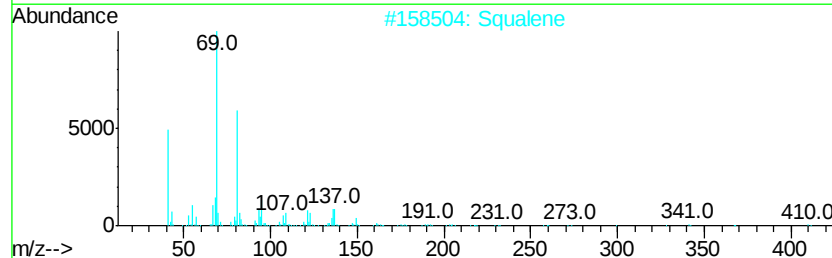
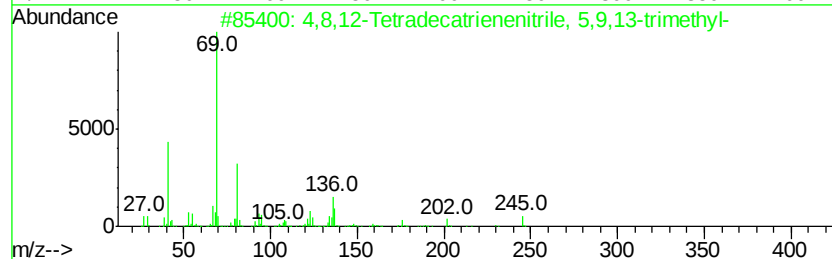
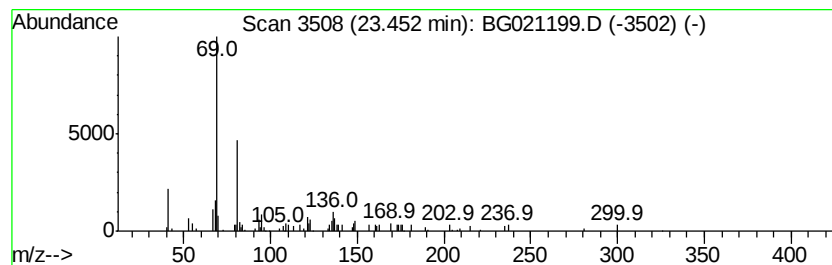
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4,8,12-Tetradecatrienenitri... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.45	4.80 ng	53143	Perylene-d12	25.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,8,12-Tetradecatrienenitrile, 5...	245	C17H27N	005981-31-7	72
2			Squalene	410	C30H50	007683-64-9	72
3			4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	64
4			3-Cyclohexene-1-carboxaldehyde, ...	192	C13H20O	052475-89-5	59
5			1,3-Dioxolan-2-one, 3-methyl-3-(...	264	C16H24O3	336879-76-6	56



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030116\
Data File : BG021199.D
Acq On : 2 Mar 2016 1:02
Operator : UM/SJ
Sample : H1577-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TEC-B1-S2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.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...	3.06	543.4	ng	2297970	1	8.15	84577	20.0
2-Pentanone, 4-hy...	5.23	26.4	ng	111489	1	8.15	84577	20.0
Tridecane	15.58	2.9	ng	27689	3	14.76	191849	20.0
Eicosane	16.44	3.2	ng	33136	4	17.49	207961	20.0
n-Hexadecanoic acid	18.35	6.9	ng	71910	4	17.49	207961	20.0
Tetradecanoic acid	19.62	3.8	ng	39380	4	17.49	207961	20.0
3-Eicosene, (E)-	21.37	12.3	ng	149491	5	21.75	243902	20.0
4,8,12-Tetradecat...	23.45	4.8	ng	53143	6	25.02	221645	20.0