

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041318\
 Data File : BF104490.D
 Acq On : 13 Apr 2018 20:28
 Operator : JU/SJ
 Sample : J2336-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SL

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_F\METHODS\8270-BF040618.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	6.092	617	681	682	rBV4	5982996	103974788	100.00%	48.684%
2	7.910	986	990	995	rVB	1073568	1272551	1.22%	0.596%
3	8.016	1003	1008	1013	rBV3	985936	1667258	1.60%	0.781%
4	8.186	1029	1037	1040	rBV	6210165	11858627	11.41%	5.553%
5	9.204	1206	1210	1214	rVV	1929668	1972396	1.90%	0.924%
6	9.333	1225	1232	1246	rVV	5066562	7864295	7.56%	3.682%
7	9.657	1283	1287	1294	rVB2	3112850	3113741	2.99%	1.458%
8	9.816	1306	1314	1316	rBV	5294952	9220135	8.87%	4.317%
9	9.851	1316	1320	1323	rBV2	922353	1209843	1.16%	0.566%
10	10.563	1435	1441	1445	rBV2	840297	1396968	1.34%	0.654%
11	10.680	1452	1461	1464	rBV2	5710844	9788867	9.41%	4.583%
12	10.727	1466	1469	1472	rVB	1720746	1527713	1.47%	0.715%
13	10.816	1472	1484	1485	rBV	5865044	14568493	14.01%	6.821%
14	11.663	1624	1628	1634	rVB	1898271	2086310	2.01%	0.977%
15	11.857	1654	1661	1664	rBV	4934438	8417004	8.10%	3.941%
16	12.904	1831	1839	1841	rBV	4872401	8143909	7.83%	3.813%
17	13.833	1990	1997	2001	rBV	4043043	7435629	7.15%	3.482%
18	14.680	2135	2141	2144	rBV	3163802	5215167	5.02%	2.442%
19	15.656	2299	2307	2318	rVB	2871237	5967795	5.74%	2.794%
20	17.062	2536	2546	2561	rVB	1757088	4649701	4.47%	2.177%
21	19.244	2906	2917	2925	rBV	598594	2217886	2.13%	1.038%

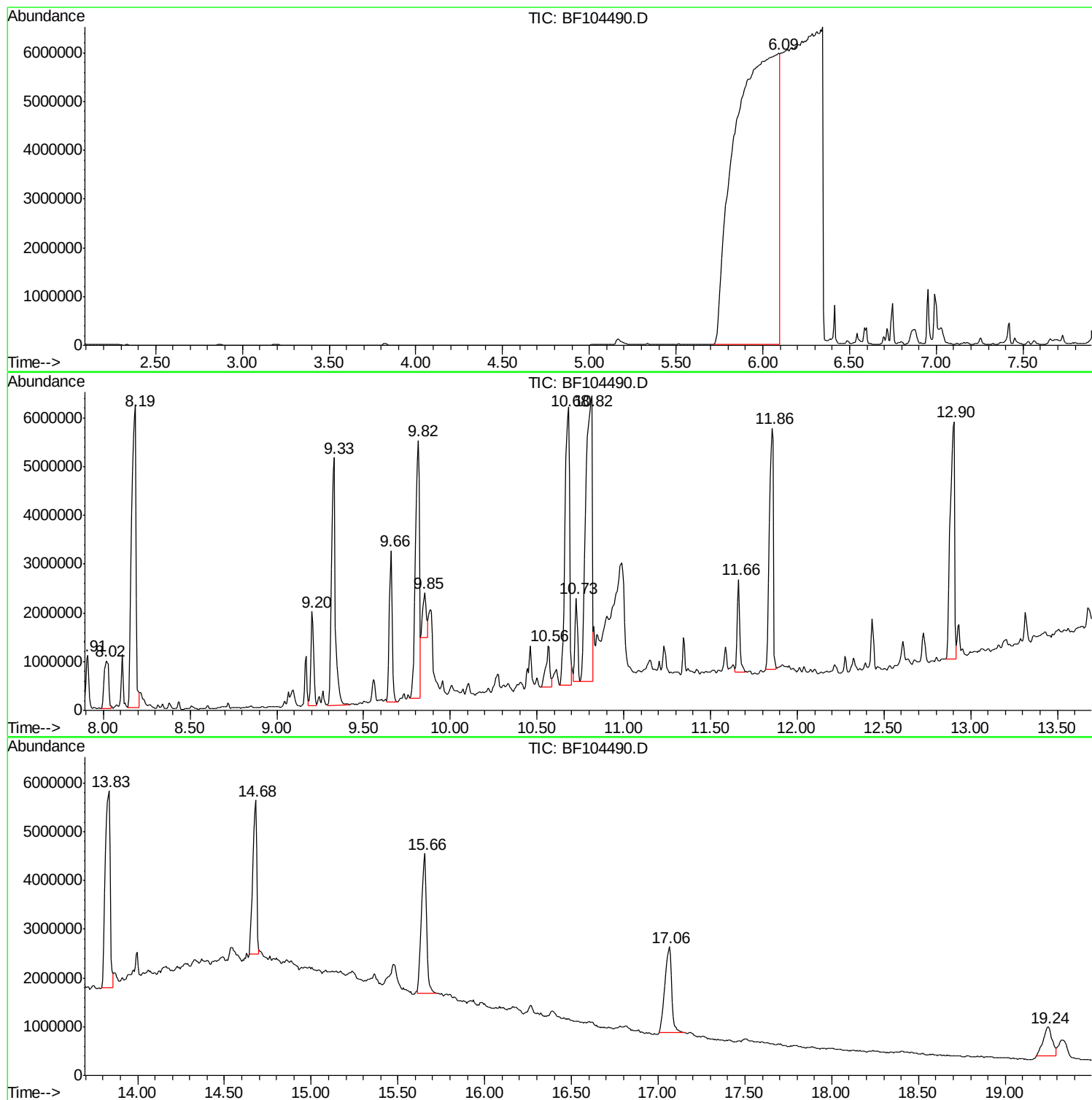
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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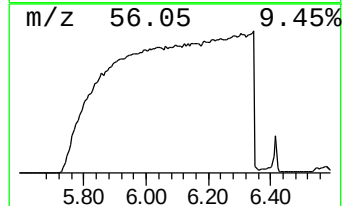
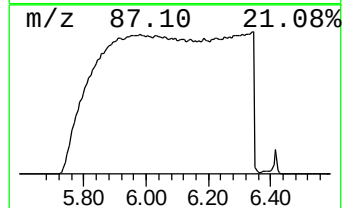
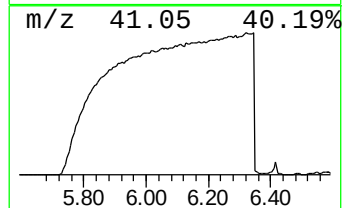
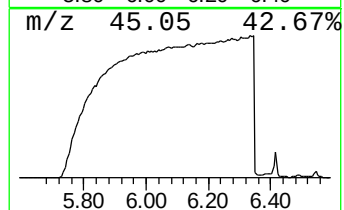
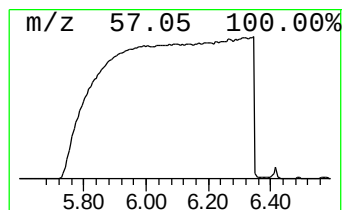
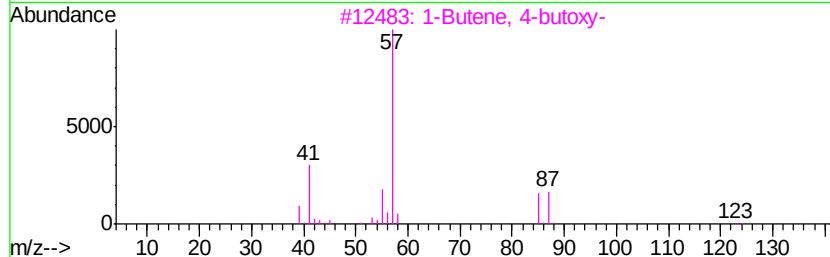
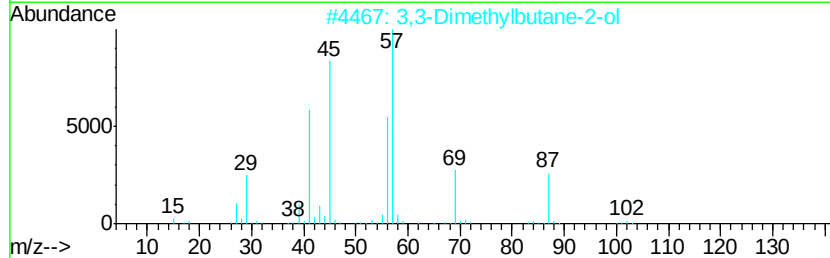
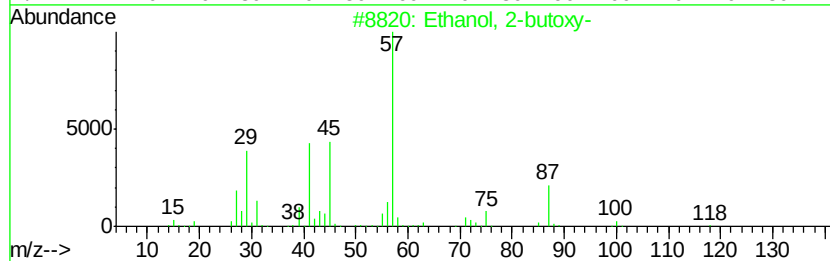
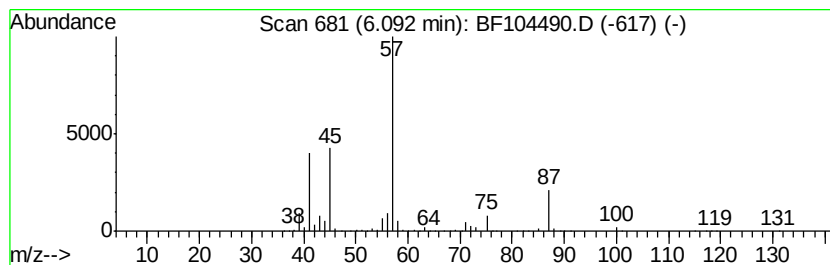
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethanol, 2-butoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.09	20.00 ng	103975000	1,4-Dichlorobenzene-d4	6.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2		3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	42
3		1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	32
4		Formic acid, 3,3-dimethylbut-2-yl...	130	C7H14O2	1000368-20-5	23
5		n-Butyl ether	130	C8H18O	000142-96-1	17



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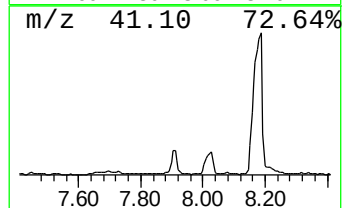
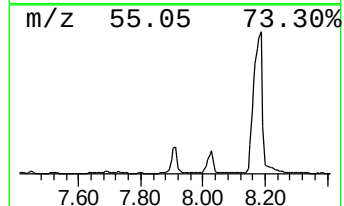
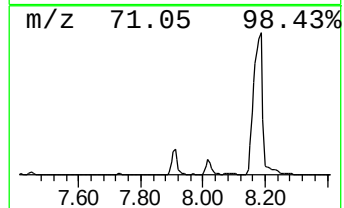
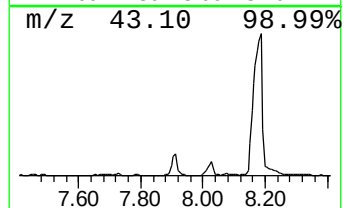
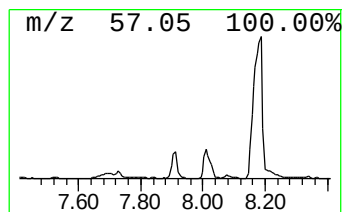
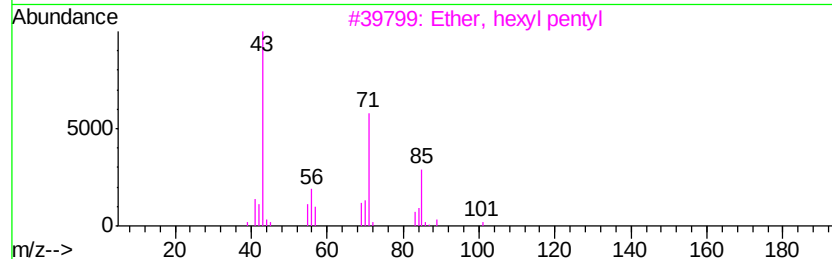
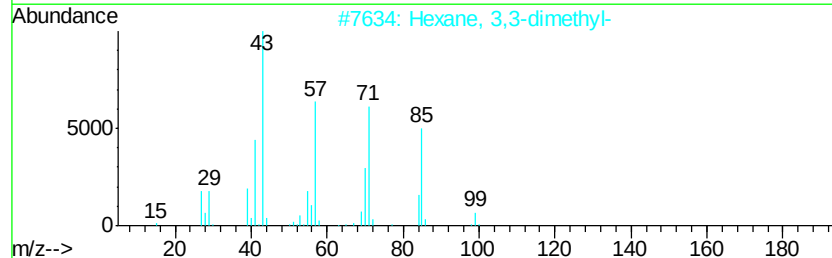
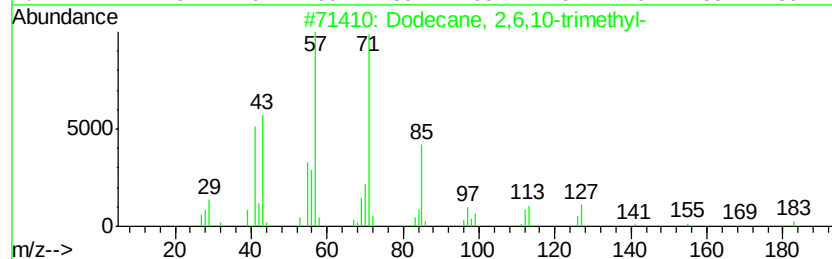
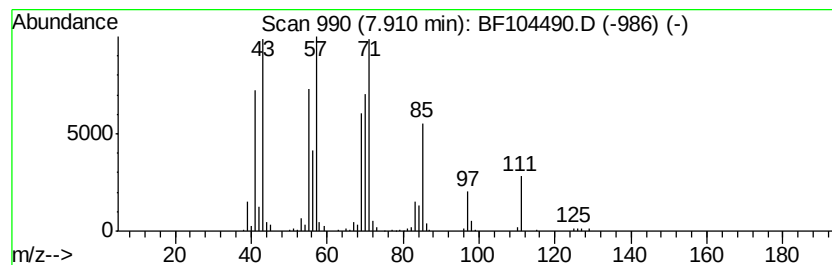
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Peak Number 2 Dodecane, 2,6,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	2.15 ng	1272550	Napthalene-d8	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	50
2		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	49
3		Ether, hexyl pentyl	172	C11H24O	032357-83-8	47
4		Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	47
5		Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	38



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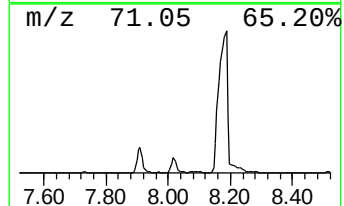
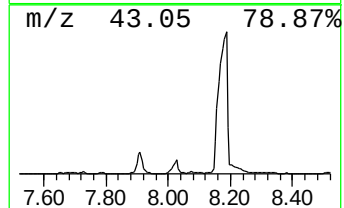
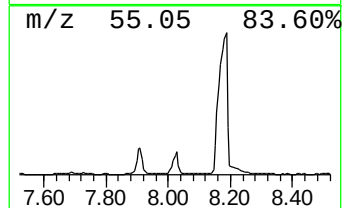
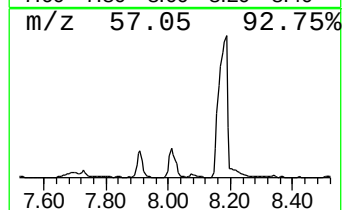
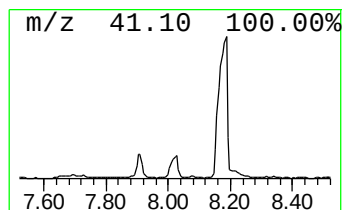
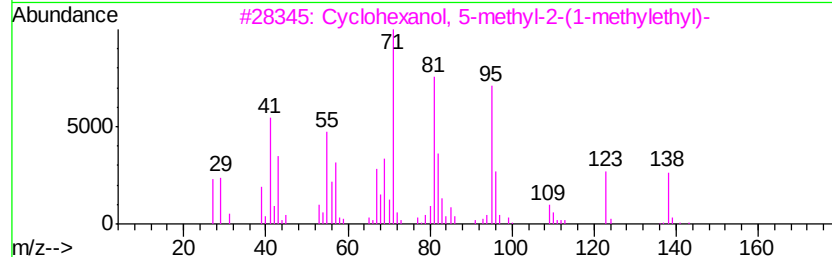
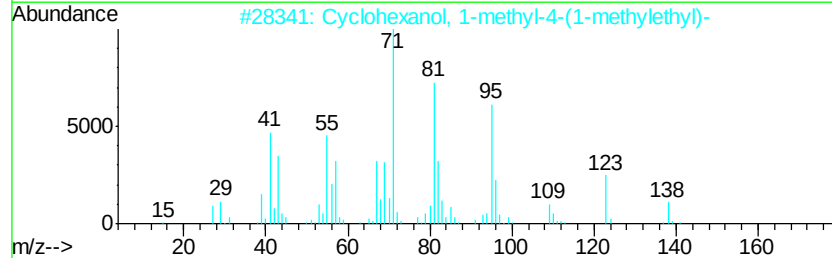
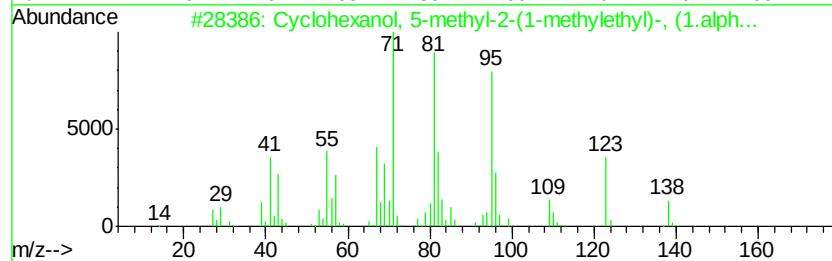
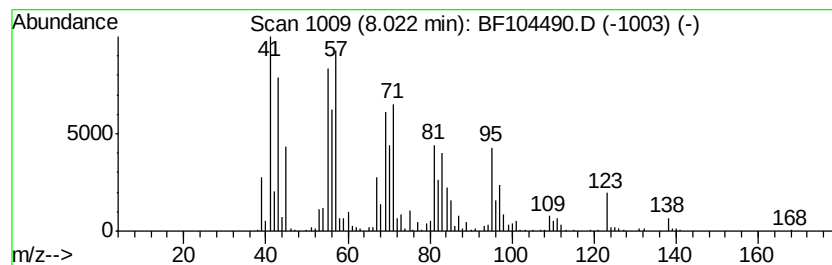
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Peak Number 3 Cyclohexanol, 5-methyl-2-(1... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	2.81 ng	1667260	Naphthalene-d8	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	015356-70-4	62
2		Cyclohexanol, 1-methyl-4-(1-meth...	156	C10H20O	021129-27-1	58
3		Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	001490-04-6	52
4		Levomenthol	156	C10H20O	002216-51-5	52
5		dl-Menthol	156	C10H20O	000089-78-1	50



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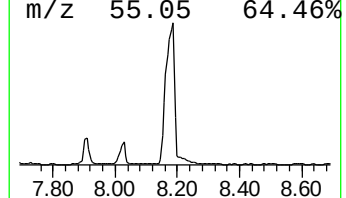
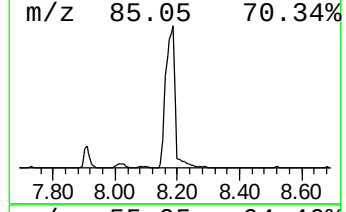
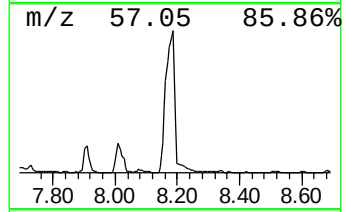
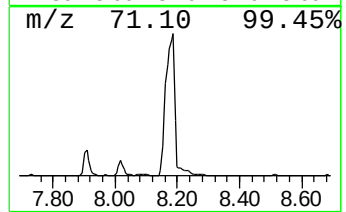
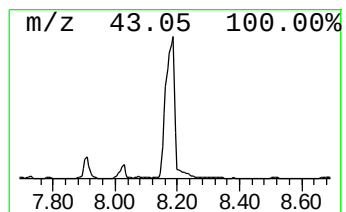
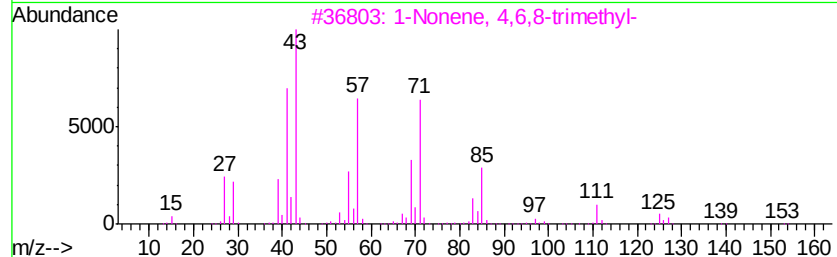
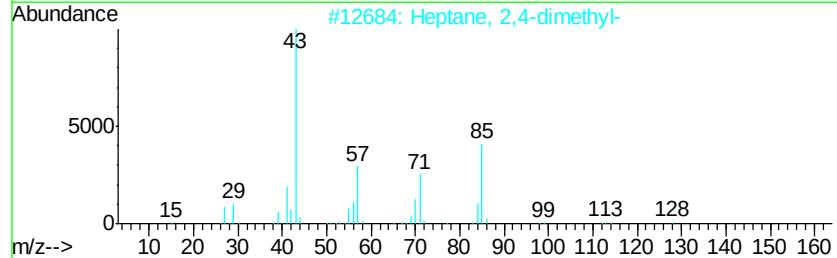
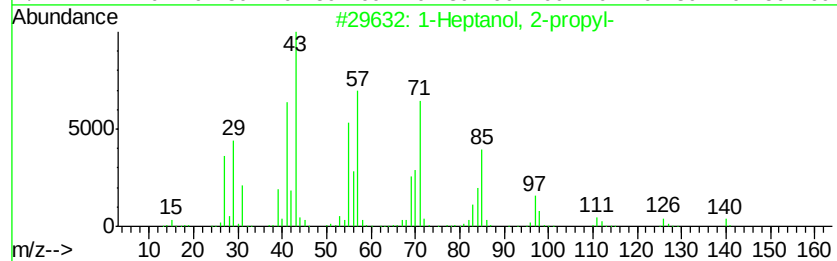
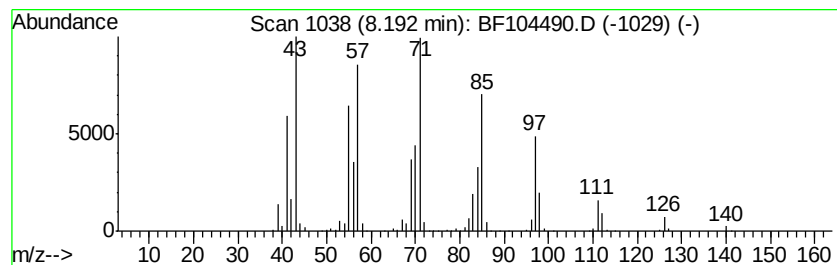
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Peak Number 4 1-Heptanol, 2-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	20.00 ng	11858600	Napthalene-d8	8.11
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heptanol, 2-propyl-	158 C10H22O	010042-59-8	72
2	Heptane, 2,4-dimethyl-	128 C9H20	002213-23-2	64
3	1-Nonene, 4,6,8-trimethyl-	168 C12H24	054410-98-9	43
4	Butane, 2,2-dimethyl-	86 C6H14	000075-83-2	38
5	Heptane, 3-ethyl-5-methyl-	142 C10H22	052896-90-9	35



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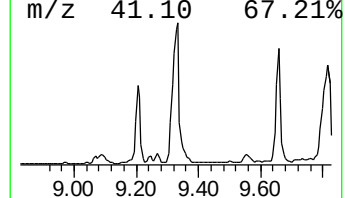
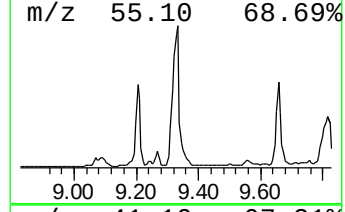
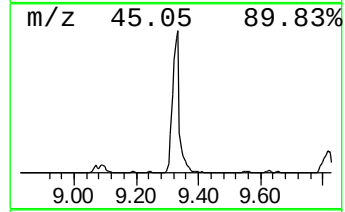
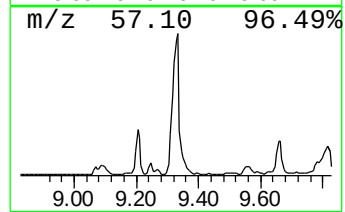
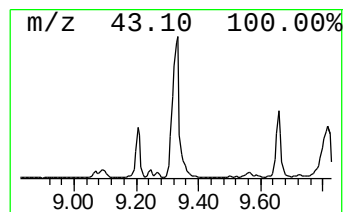
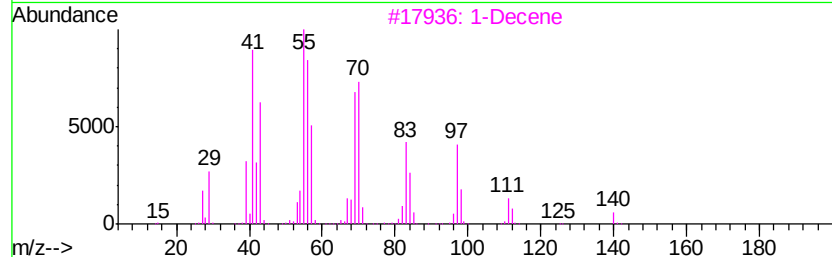
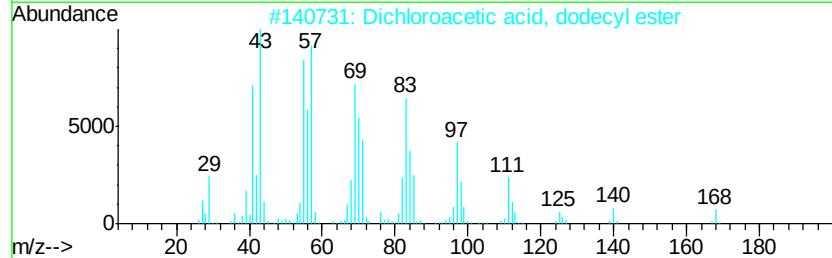
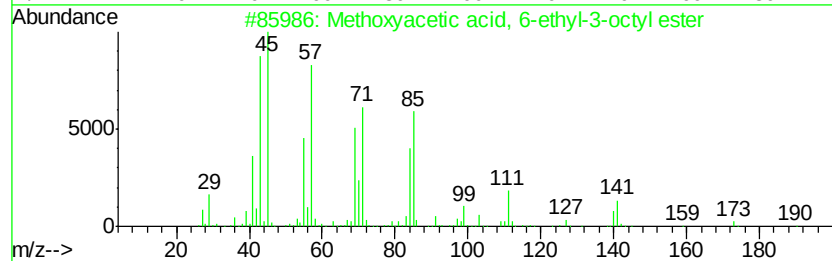
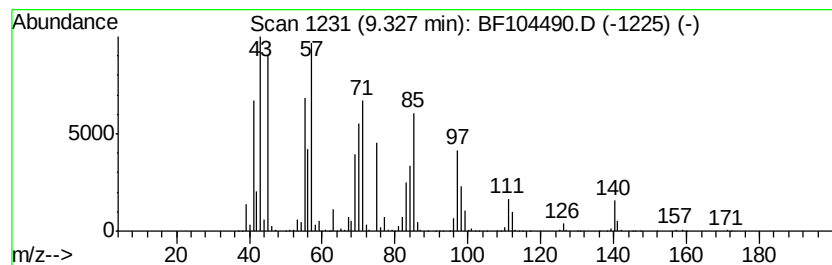
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 unknown9.33 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	130.01 ng	7864300	Acenaphthene-d10	9.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methoxyacetic acid, 6-ethyl-3-oc...	230	C13H26O3	1000282-69-8	46
2		Dichloroacetic acid, dodecyl ester	296	C14H26Cl2O2	083005-01-0	43
3		1-Decene	140	C10H20	000872-05-9	38
4		Cyclodecane	140	C10H20	000293-96-9	30
5		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	27



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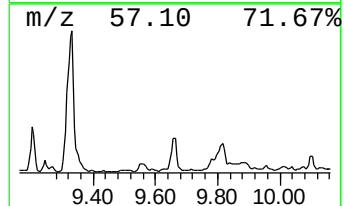
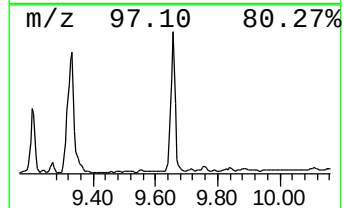
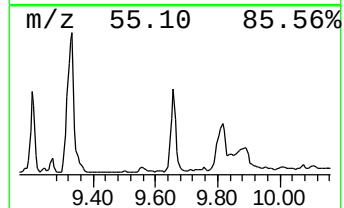
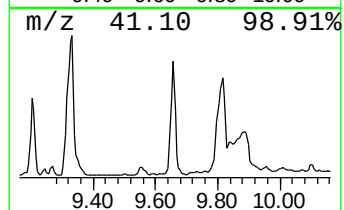
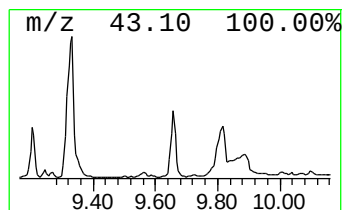
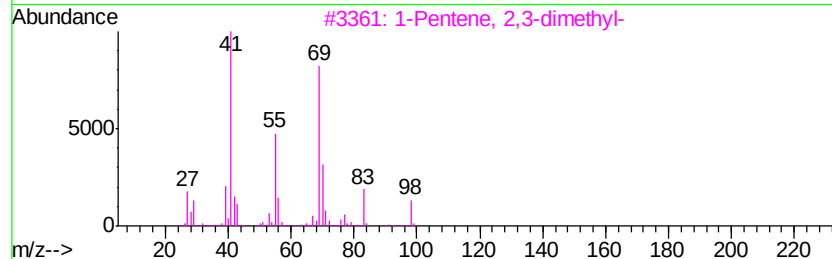
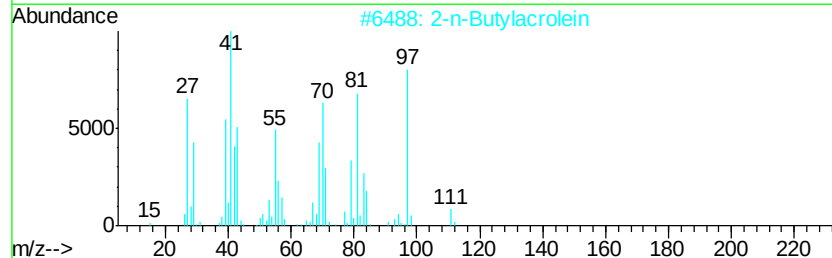
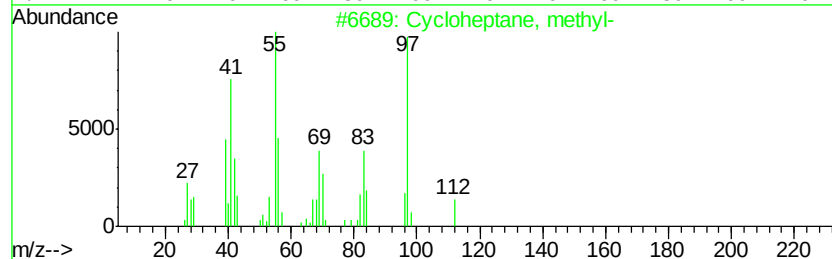
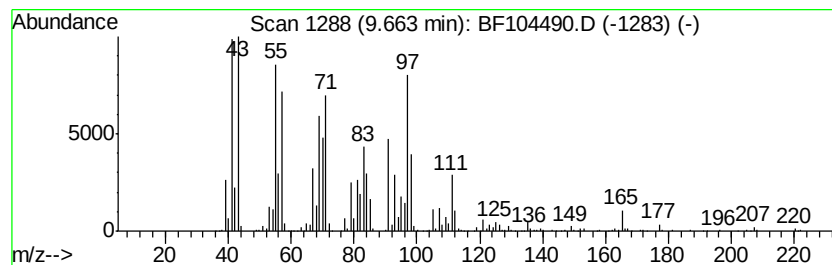
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Peak Number 6 unknown9.66 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	51.47 ng	3113740	Acenaphthene-d10	9.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cycloheptane, methyl-	112	C8H16	004126-78-7	41
2		2-n-Butylacrolein	112	C7H12O	001070-66-2	38
3		1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	30
4		2-Nonenal, (E)-	140	C9H16O	018829-56-6	30
5		Cycloheptane	98	C7H14	000291-64-5	25



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Operator : JU/SJ
Sample : J2336-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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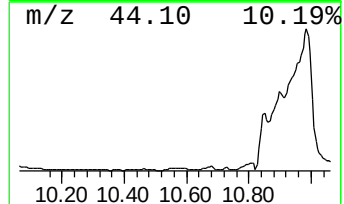
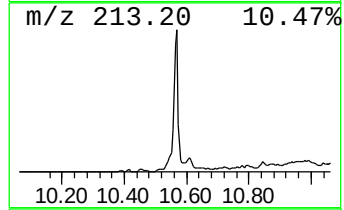
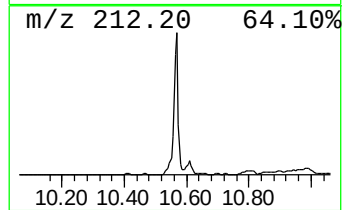
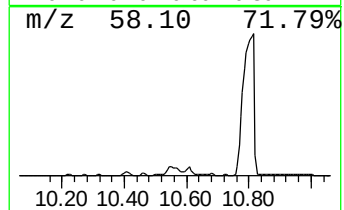
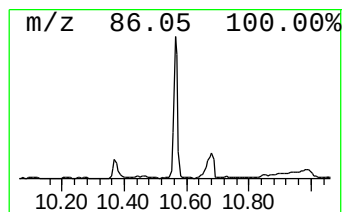
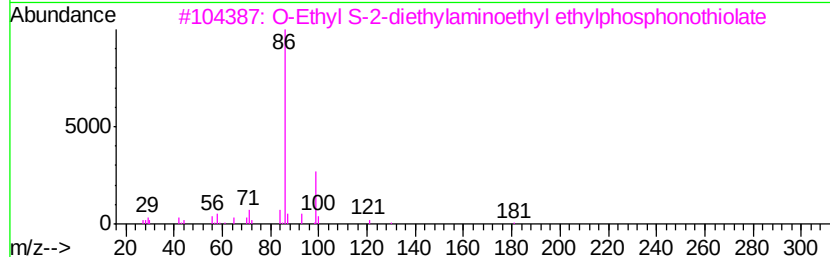
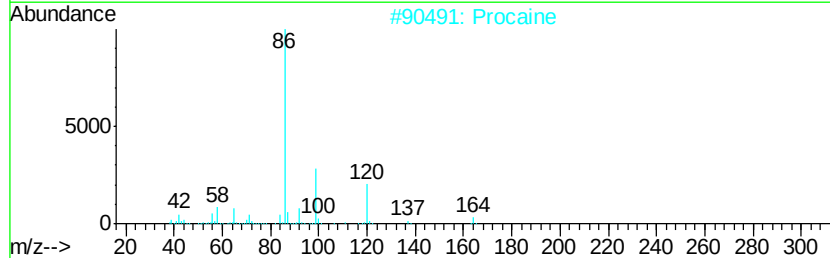
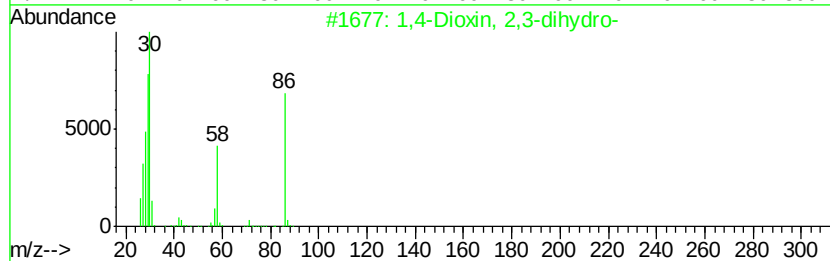
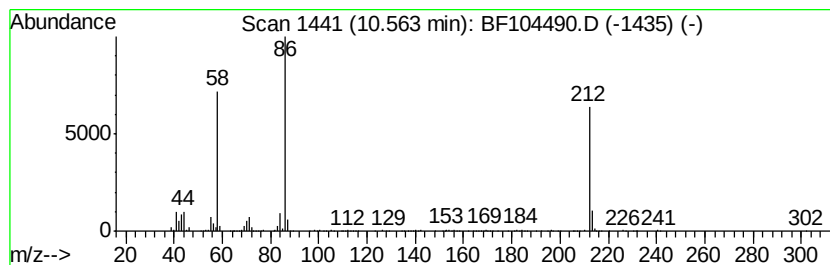
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown10.56 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	23.09 ng	1396970	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dioxin, 2,3-dihydro-	86	C4H6O2	000543-75-9	47
2		Procaine	236	C13H20N2O2	000059-46-1	38
3		O-Ethyl S-2-diethylaminoethyl et...	253	C10H24N02PS	021738-25-0	38
4		Amiton	269	C10H24N03PS	000078-53-5	37
5		o-(n-Decyl) S-(2-diethylaminoeth...	365	C18H40N02PS	1000273-63-4	37



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Sample : J2336-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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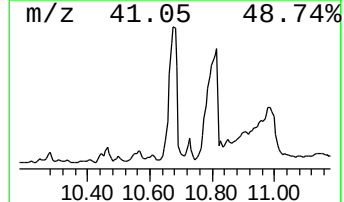
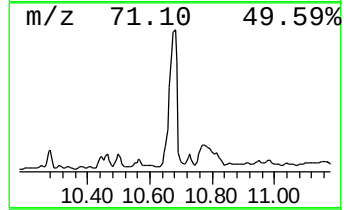
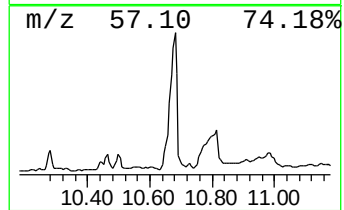
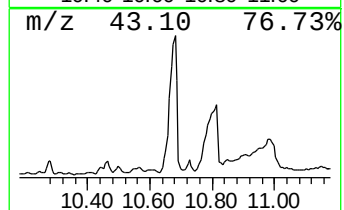
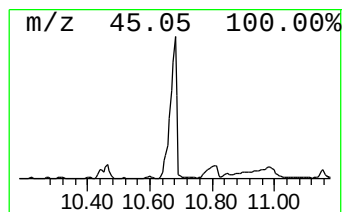
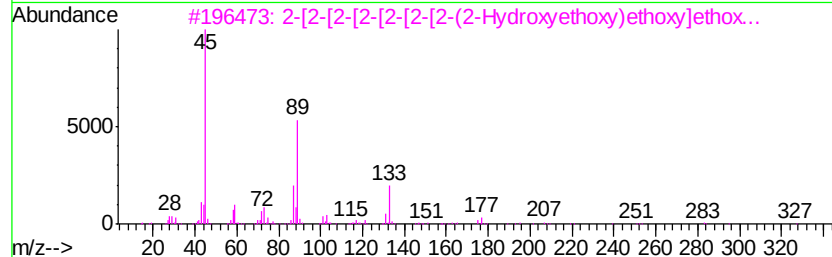
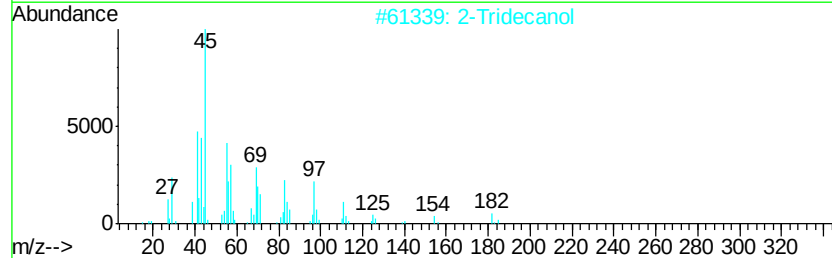
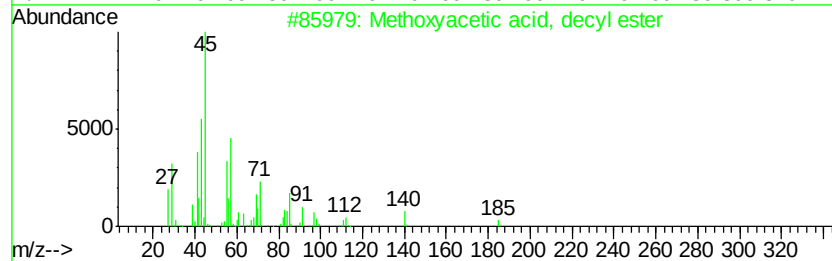
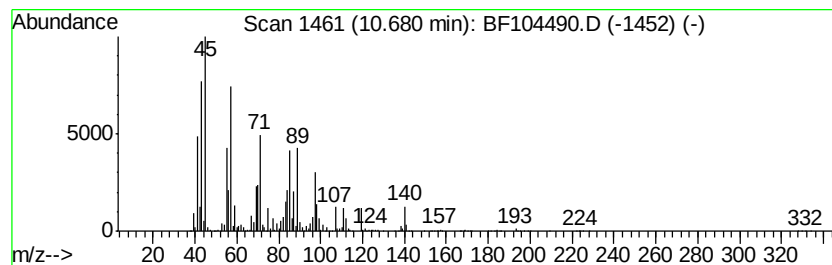
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Methoxyacetic acid, decyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	93.84 ng	9788870	Phenanthrene-d10	11.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methoxvacetic acid, decyl ester	230	C13H26O3	259141-02-1	50
2		2-Tridecanol	200	C13H28O	001653-31-2	38
3		2-[2-[2-[2-[2-[2-(2-Hydroxyvet...	370	C16H34O9	005117-19-1	35
4		Propanoic acid, 2-methyl-, decyl...	228	C14H28O2	005454-22-8	30
5		Propanoic acid, 2-methyl-, octyl...	200	C12H24O2	000109-15-9	20



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Misc :
ALS Vial : 19 Sample Multiplier: 1

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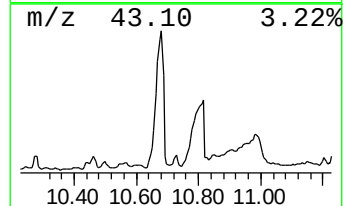
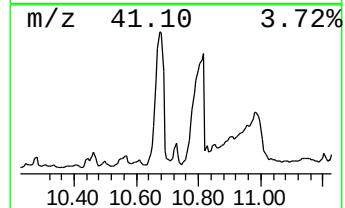
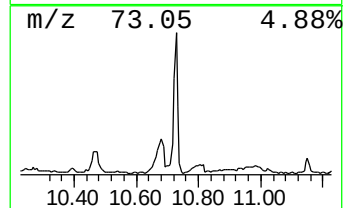
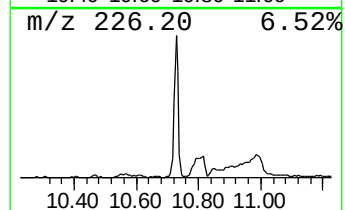
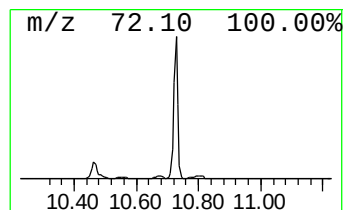
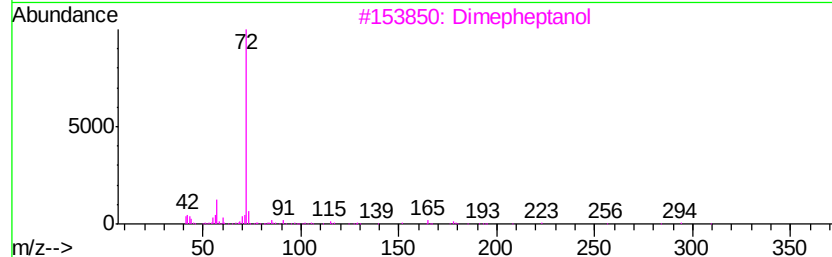
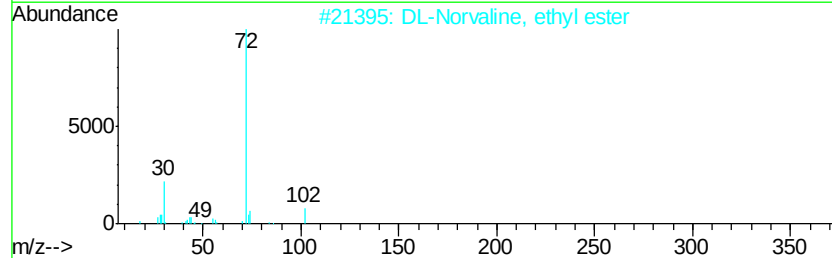
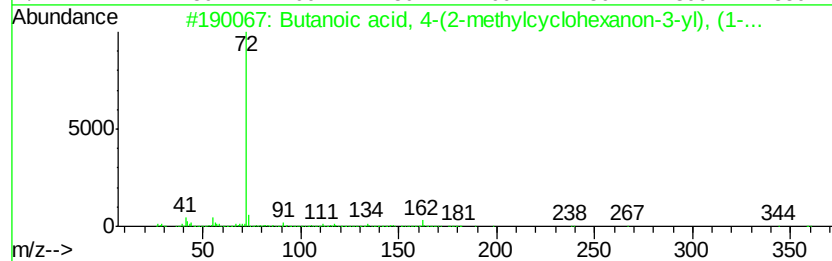
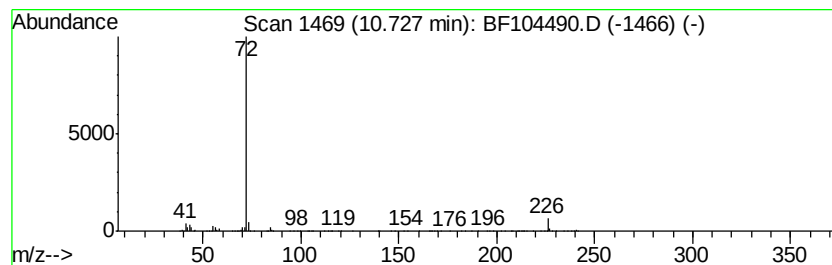
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Butanoic acid, 4-(2-methylc... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	14.65 ng	1527710	Phenanthrene-d10	11.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butanoic acid, 4-(2-methylcyclohexan-3-yl), (1-...	359	C22H33NO3	1000196-19-2	50
2		DL-Norvaline, ethyl ester	145	C7H15NO2	013893-43-1	50
3		Dimepheptanol	311	C21H29NO	000545-90-4	39
4		2-[2-[2-Dimethylamino]propyl]amin...	489	C16H17Cl6N5	1000254-09-7	39
5		Ethylamine, N-methyl-N-hexadecyl-	283	C19H41N	066997-40-8	39



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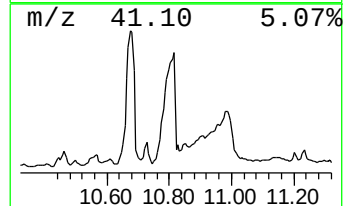
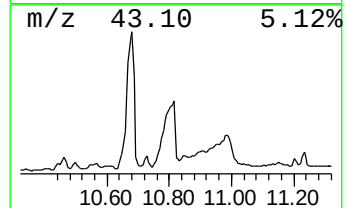
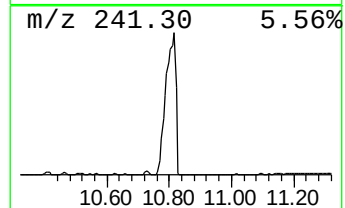
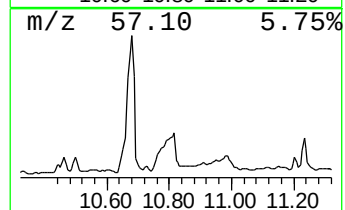
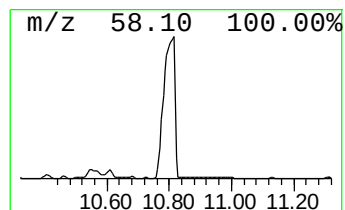
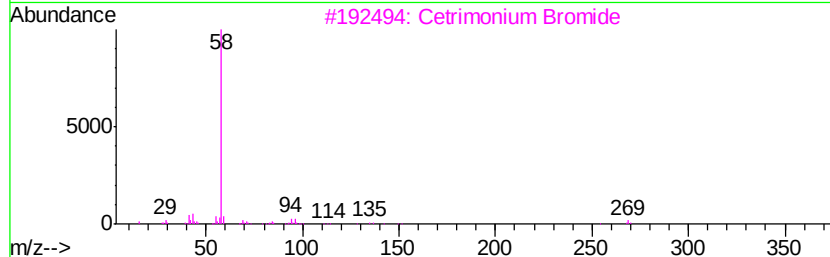
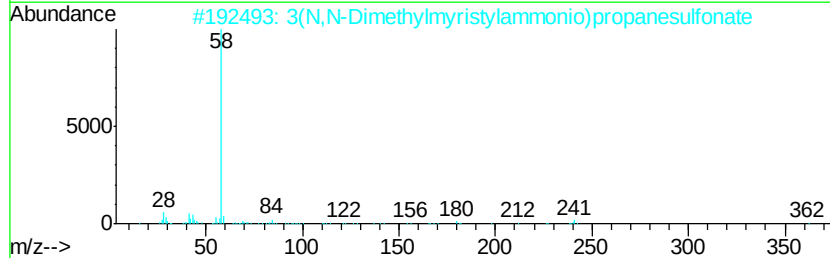
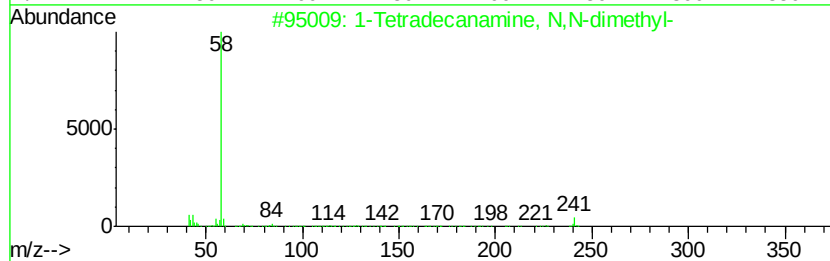
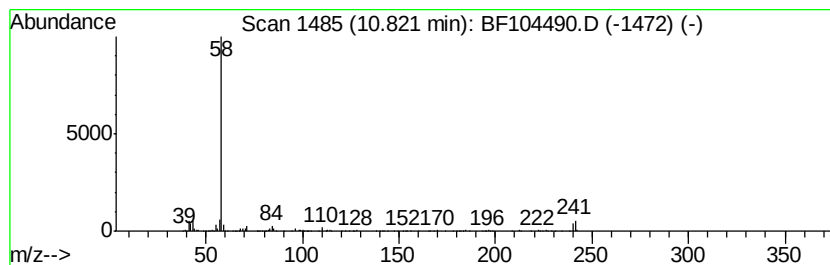
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Tetradecanamine, N,N-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	139.66 ng	14568500	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Tetradecanamine, N,N-dimethyl-	241	C16H35N	000112-75-4	91
2		3(N,N-Dimethylmyristylammonio)pr...	363	C19H41N03S	014933-09-6	78
3		Cetrimonium Bromide	363	C19H42BrN	000057-09-0	78
4		Tetradonium Bromide	335	C17H38BrN	001119-97-7	78
5		1-Undecanamine, N,N-dimethyl-	199	C13H29N	017373-28-3	72



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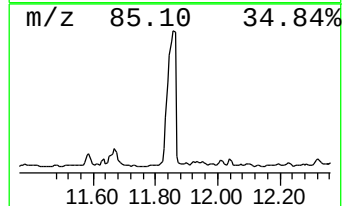
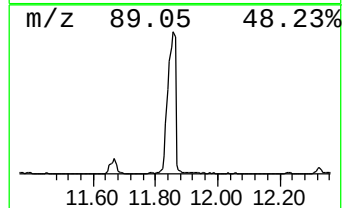
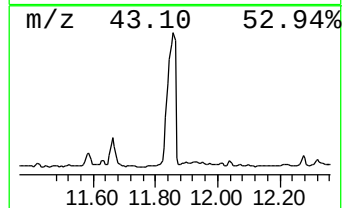
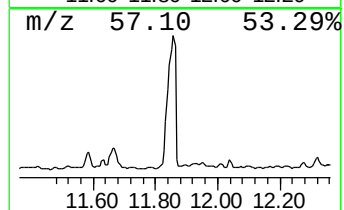
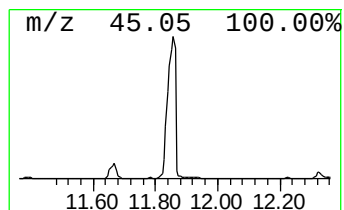
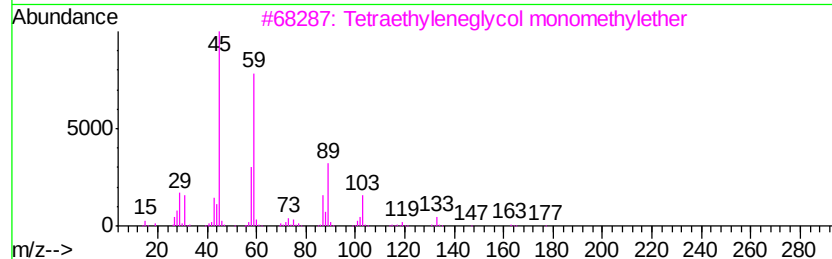
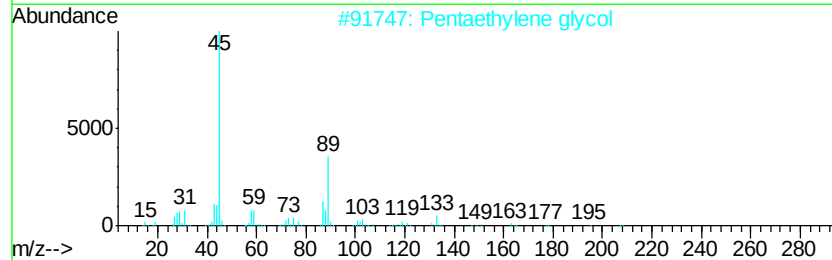
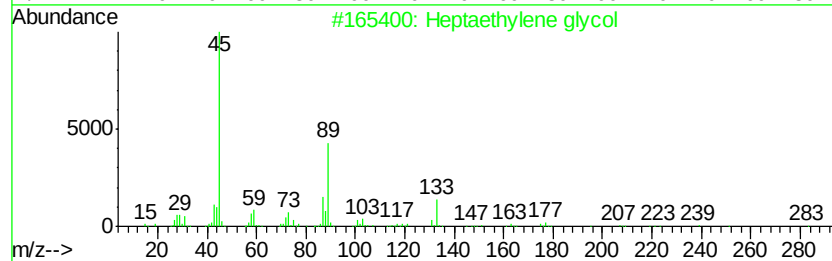
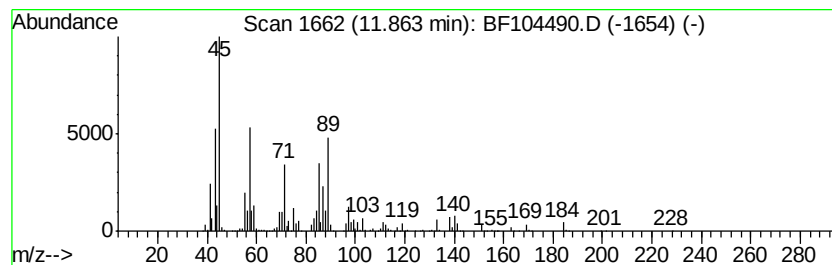
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptaethylene glycol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.86	80.69 ng	8417000	Phenanthrene-d10	11.34		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptaethylene glycol	326	C14H30O8	005617-32-3	53
2		Pentaethylene glycol	238	C10H22O6	004792-15-8	52
3		Tetraethylene glycol monomethylether	208	C9H20O5	023783-42-8	50
4		Diisopropyl ether	102	C6H14O	000108-20-3	43
5		Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	38



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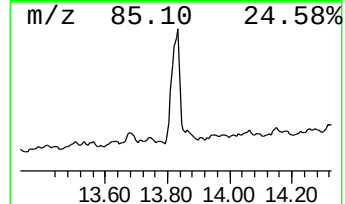
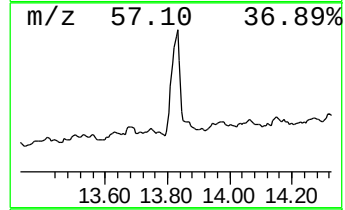
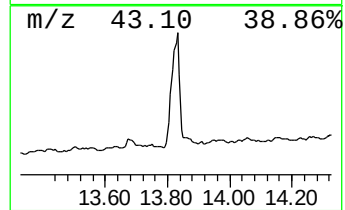
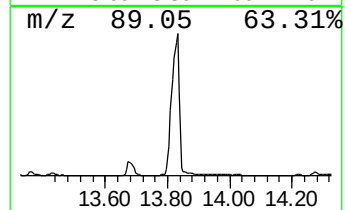
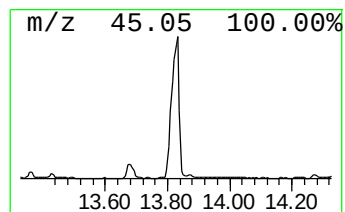
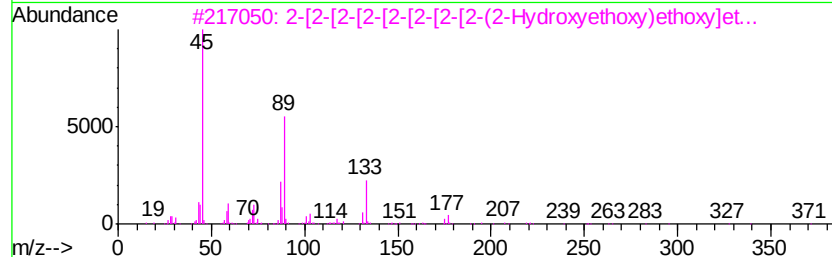
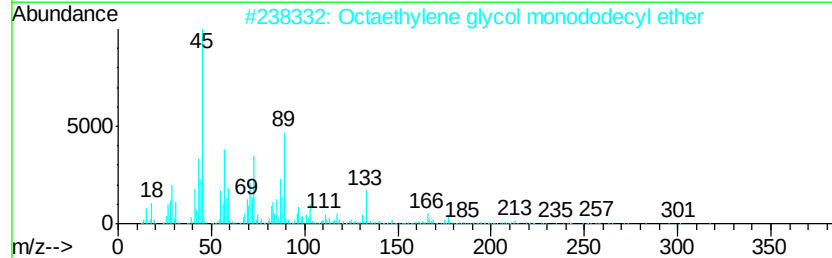
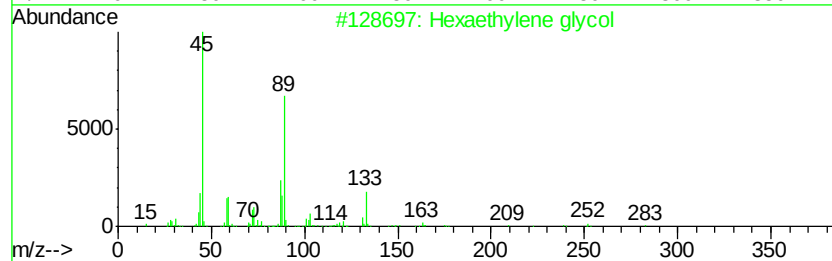
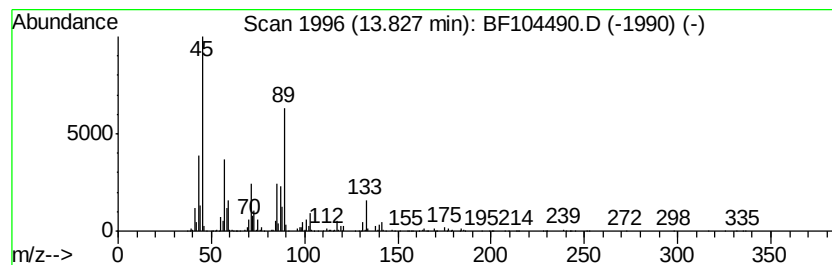
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexaethylene glycol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	20.00 ng	7435630	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexaethylene glycol	282	C12H26O7	002615-15-8	81
2		Octaethylene glycol monododecyl ...	538	C28H58O9	003055-98-9	78
3		2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	74
4		2-[2-[2-[2-[2-[2-[2-(2-Hydroxvet...	370	C16H34O9	005117-19-1	72
5		3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	72



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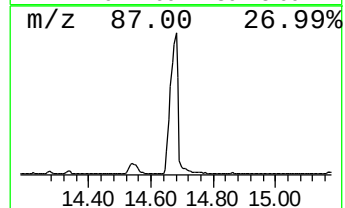
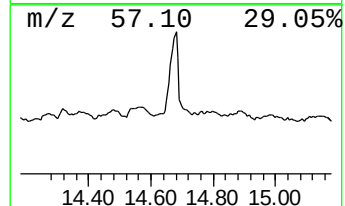
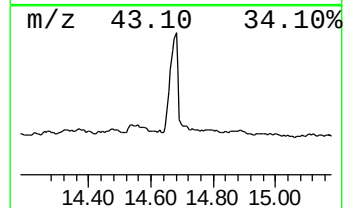
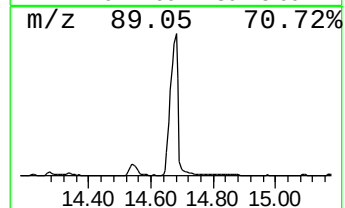
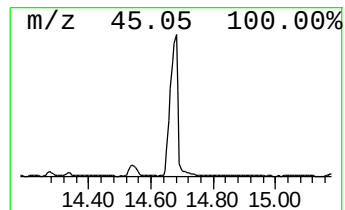
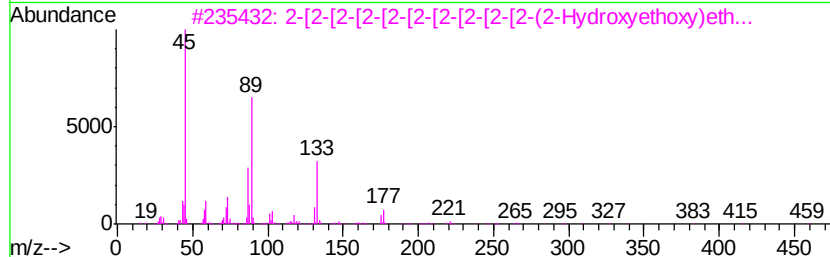
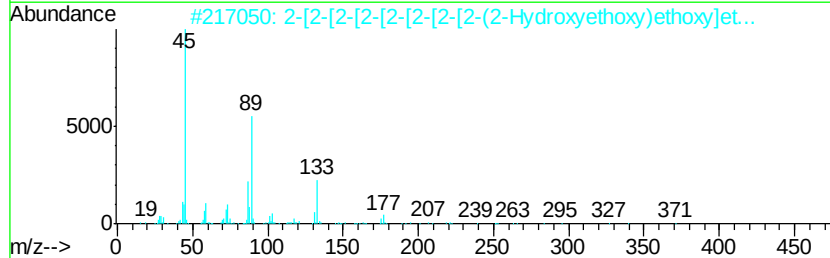
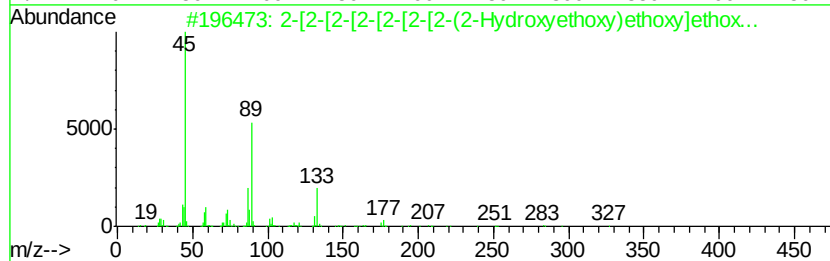
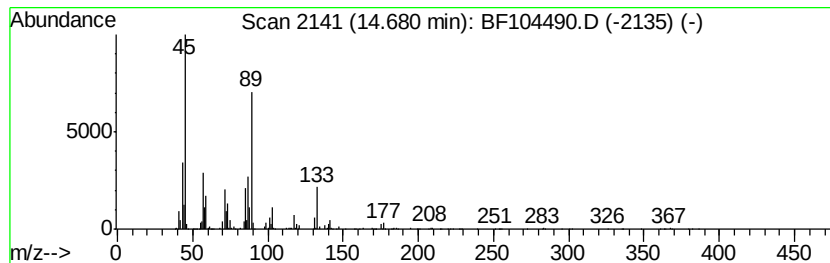
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2-[2-[2-[2-[2-[2-(2-Hydr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	14.03 ng	5215170	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-[2-[2-[2-[2-[2-(2-Hydroxvet...	370	C16H3409	005117-19-1	81
2		2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38010	1000352-12-5	74
3		2-[2-[2-[2-[2-[2-(2-...	502	C22H46012	1000352-13-2	74
4		2-[2-[2-[2-[2-[2-(2-Methoxvethox...	340	C15H3208	1000352-04-1	72
5		2-[2-[2-[2-[2-[2-(2-Methoxyet...	384	C17H3609	1000352-04-2	72



```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\  
Data File : BF104490.D  
Acq On    : 13 Apr 2018   20:28  
Operator  : JU/SJ  
Sample    : J2336-01  
Misc      :  
ALS Vial  : 19      Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

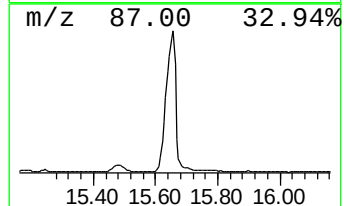
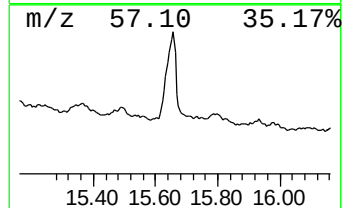
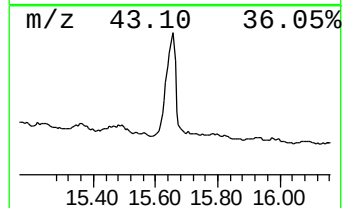
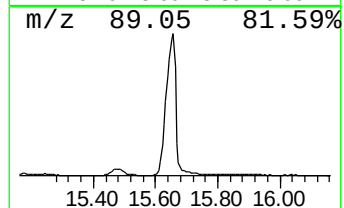
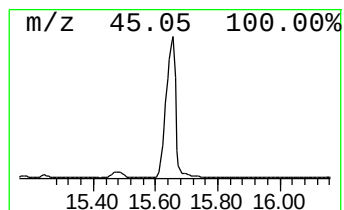
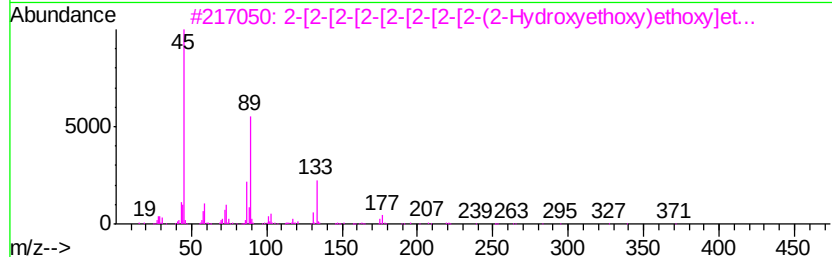
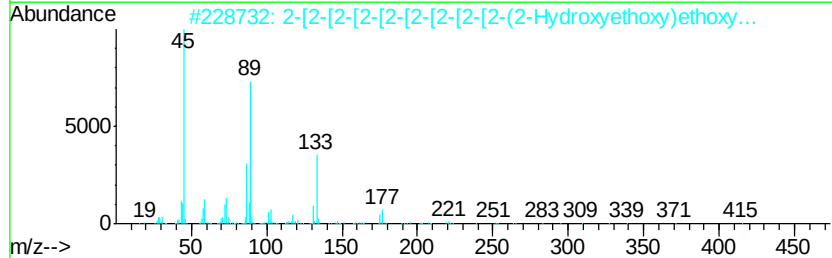
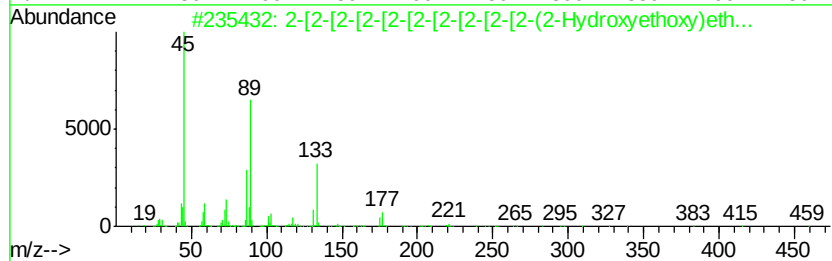
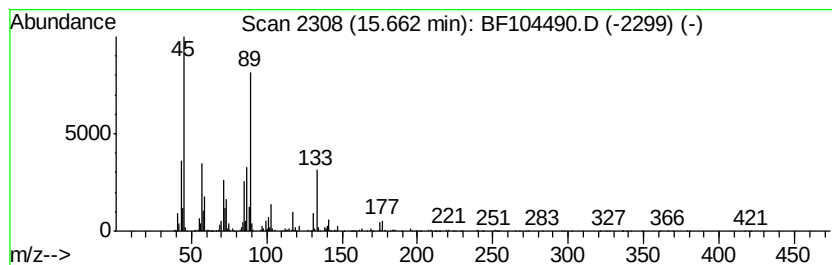
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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*****
Peak Number 15  2-[2-[2-[2-[2-[2-[2-[2-[2-[... Concentration Rank 11

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R.T.	EstConc	Area	Relative to ISTD		R.T.		
15.66	20.00 ng	5967800	Perylene-d12		15.47		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2	-	-	-	-	-	-
2	2	-	-	-	-	-	-
3	2	-	-	-	-	-	-
4	2	-	-	-	-	-	-
5	2	-	-	-	-	-	-



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104490.D
Acq On : 13 Apr 2018 20:28
Operator : JU/SJ
Sample : J2336-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SL

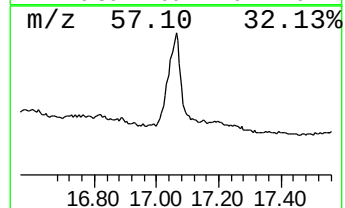
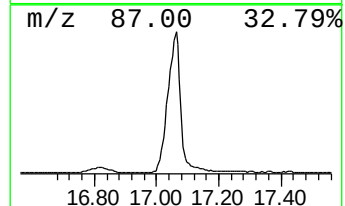
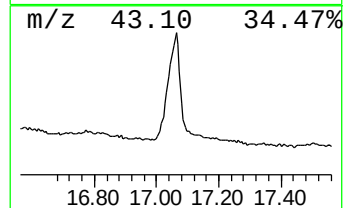
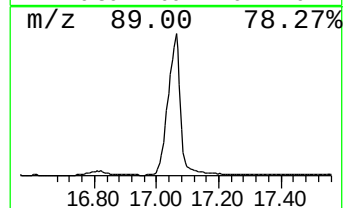
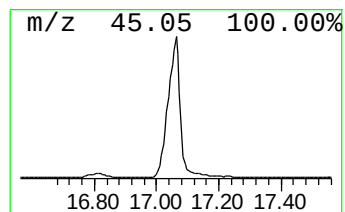
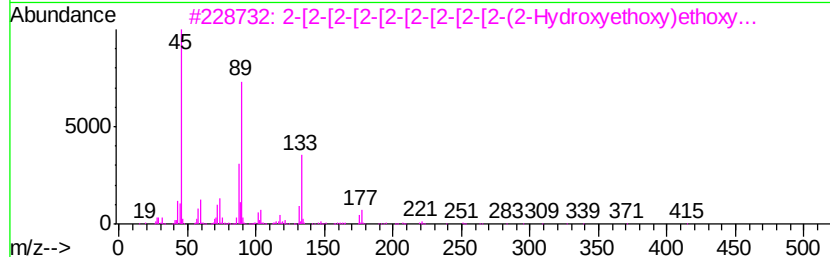
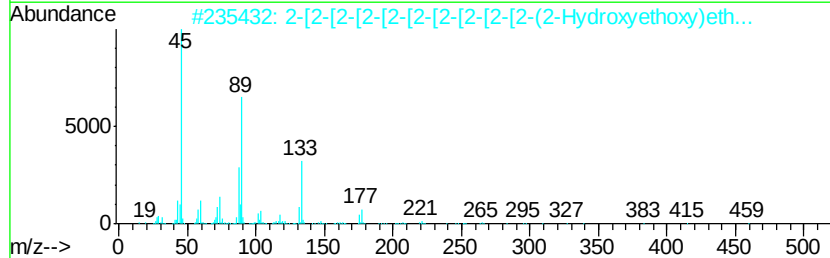
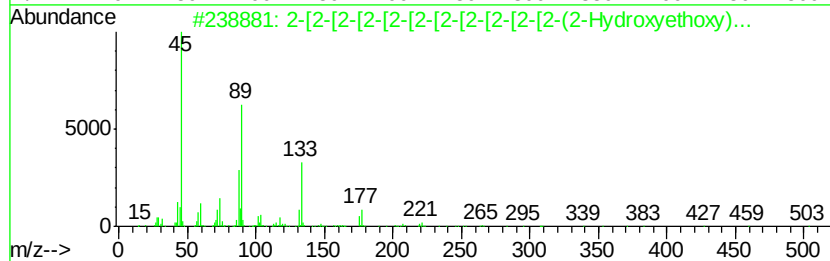
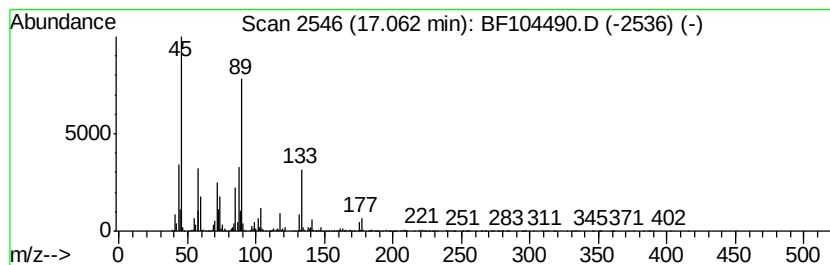
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2-[2-[2-[2-[2-[2-[2-[2-[... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	15.58 ng	4649700	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	91
2		2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	91
3		2-[2-[2-[2-[2-[2-[2-[2-(2-Hvd...	458	C20H42O11	1000352-12-6	91
4		Heptaethylene glycol	326	C14H30O8	005617-32-3	90
5		2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041318\
 Data File : BF104490.D
 Acq On : 13 Apr 2018 20:28
 Operator : JU/SJ
 Sample : J2336-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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
Ethanol, 2-butoxy-	6.09	20.0	ng	103975000	1	6.87	103975000	20.0
Dodecane, 2,6,10-...	7.91	2.1	ng	1272550	2	8.11	11858600	20.0
Cyclohexanol, 5-m...	8.02	2.8	ng	1667260	2	8.11	11858600	20.0
1-Heptanol, 2-pro...	8.19	20.0	ng	11858600	2	8.11	11858600	20.0
unknown9.33	9.33	130.0	ng	7864300	3	9.85	1209840	20.0
unknown9.66	9.66	51.5	ng	3113740	3	9.85	1209840	20.0
unknown10.56	10.56	23.1	ng	1396970	3	9.85	1209840	20.0
Methoxyacetic aci...	10.68	93.8	ng	9788870	4	11.34	2086310	20.0
Butanoic acid, 4-...	10.73	14.7	ng	1527710	4	11.34	2086310	20.0
1-Tetradecanamine...	10.82	139.7	ng	14568500	4	11.34	2086310	20.0
Heptaethylene glycol	11.86	80.7	ng	8417000	4	11.34	2086310	20.0
Hexaethylene glycol	13.83	20.0	ng	7435630	5	14.00	7435630	20.0
2-[2-[2-[2-[2-...	14.68	14.0	ng	5215170	5	14.00	7435630	20.0
2-[2-[2-[2-[2-...	15.66	20.0	ng	5967800	6	15.47	5967800	20.0
2-[2-[2-[2-[2-...	17.06	15.6	ng	4649700	6	15.47	5967800	20.0