

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
 Data File : BF083961.D
 Acq On : 19 Dec 2015 18:20
 Operator : UM/SJ
 Sample : G4886-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MIX1

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-BF121815.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	3.287	93	105	107	rBV	138723	741279	13.36%	1.615%
2	5.024	254	257	259	rBV	180017	213248	3.84%	0.465%
3	6.487	383	385	391	rBB	169110	158152	2.85%	0.345%
4	6.624	395	397	399	rBV	81375	102492	1.85%	0.223%
5	6.842	414	416	419	rBV	398755	460940	8.31%	1.004%
6	7.002	428	430	433	rVB	1468809	1610439	29.02%	3.509%
7	7.413	463	466	468	rBV	1173532	1207178	21.75%	2.630%
8	8.133	527	529	531	rBV	818389	702200	12.65%	1.530%
9	8.785	584	586	589	rBB	62027	74455	1.34%	0.162%
10	9.208	620	623	626	rBV	2453881	2815804	50.74%	6.135%
11	9.699	664	666	668	rBB	115661	94653	1.71%	0.206%
12	9.882	680	682	685	rVB	955089	962420	17.34%	2.097%
13	10.271	713	716	718	rBV	1226372	1115227	20.09%	2.430%
14	10.625	745	747	749	rBV	824342	840618	15.15%	1.831%
15	10.671	749	751	753	rVB	471782	410973	7.41%	0.895%
16	11.208	796	798	800	rBV	344764	282356	5.09%	0.615%
17	11.368	810	812	814	rBV	824005	731569	13.18%	1.594%
18	11.528	823	826	829	rBV	2485284	4049161	72.96%	8.822%
19	11.836	851	853	856	rBV	1115878	1382766	24.92%	3.013%
20	12.339	895	897	900	rBV	1158556	1021643	18.41%	2.226%
21	12.499	909	911	919	rBV2	70689	135608	2.44%	0.295%
22	12.637	919	923	925	rBV	3852180	5549923	100.00%	12.091%
23	12.899	943	946	948	rBV	1546636	1451283	26.15%	3.162%
24	12.957	948	951	953	rVB	2187554	2139034	38.54%	4.660%
25	13.242	973	976	978	rBV	85039	81212	1.46%	0.177%
26	13.345	982	985	987	rBV	1803651	2052854	36.99%	4.472%
27	13.505	995	999	1004	rVB	76934	115715	2.08%	0.252%
28	13.597	1004	1007	1010	rBV	2975983	4884485	88.01%	10.642%
29	13.837	1025	1028	1030	rBV	836499	877205	15.81%	1.911%
30	14.008	1040	1043	1045	rVB	569957	686018	12.36%	1.495%
31	14.225	1060	1062	1065	rBV	1175909	1737446	31.31%	3.785%
32	14.454	1079	1082	1085	rBV	2160495	3308364	59.61%	7.208%
33	14.671	1099	1101	1106	rBV	342849	384051	6.92%	0.837%
34	15.071	1133	1136	1141	rBV	750620	933905	16.83%	2.035%

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35	15.334	1156	1159	1166	rBV	831747	1350554	24.33%	2.942%
36	15.437	1166	1168	1173	rVB	431626	533919	9.62%	1.163%
37	15.608	1181	1183	1188	rBV	59765	119194	2.15%	0.260%
38	16.168	1228	1232	1238	rBV	143059	290222	5.23%	0.632%
39	16.534	1260	1264	1270	rBV	128963	291329	5.25%	0.635%

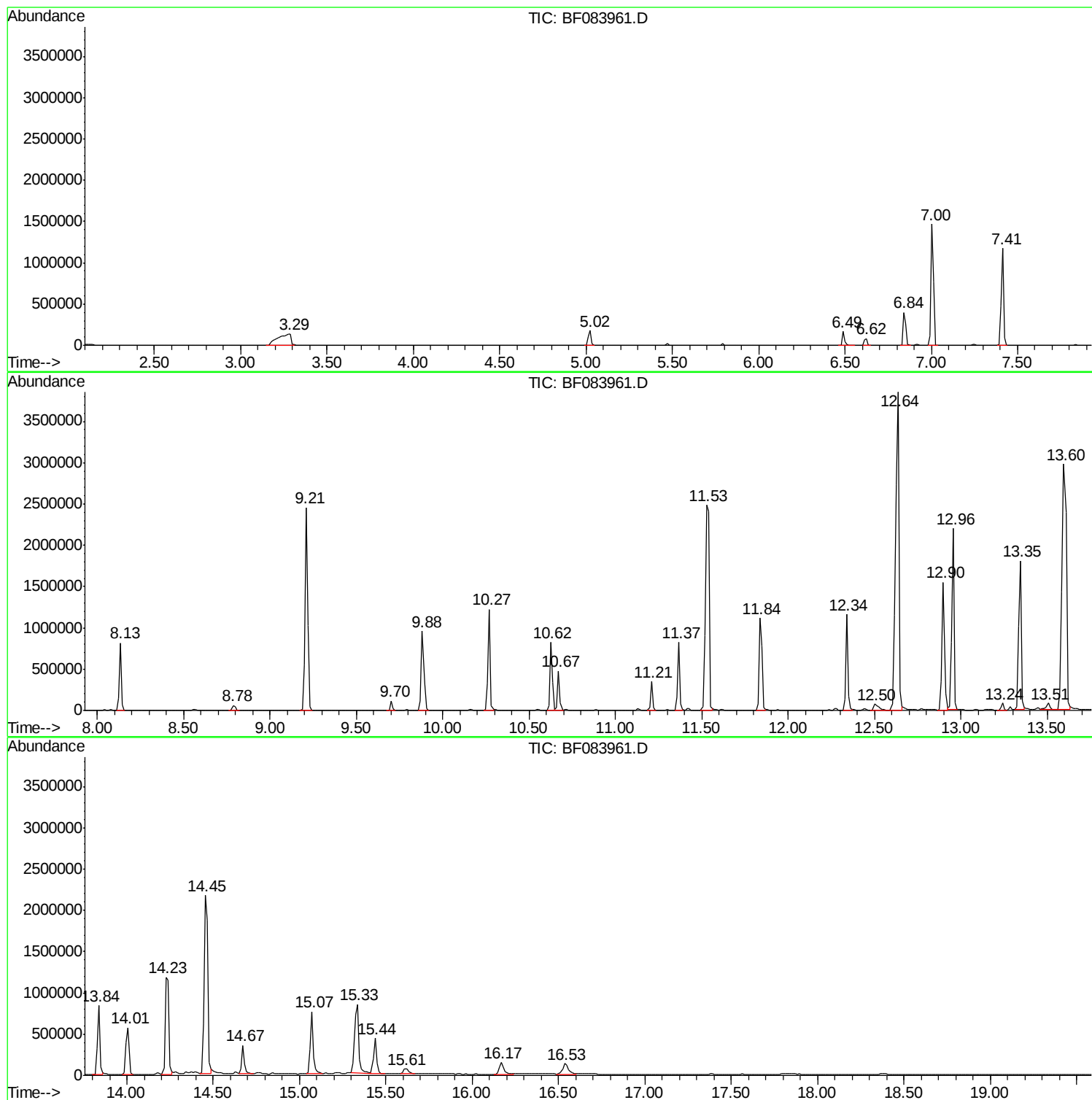
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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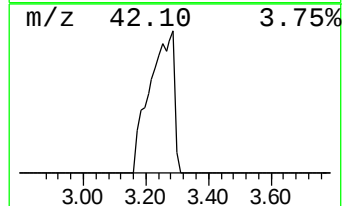
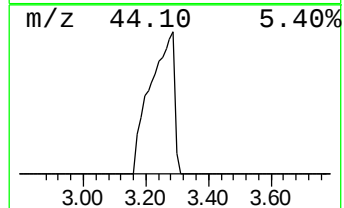
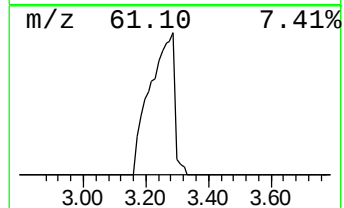
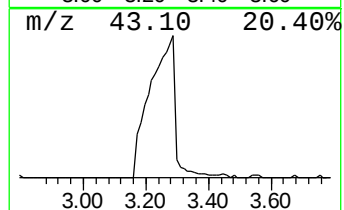
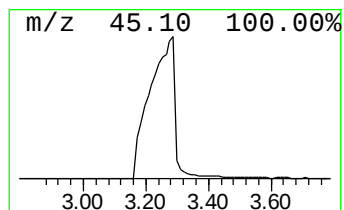
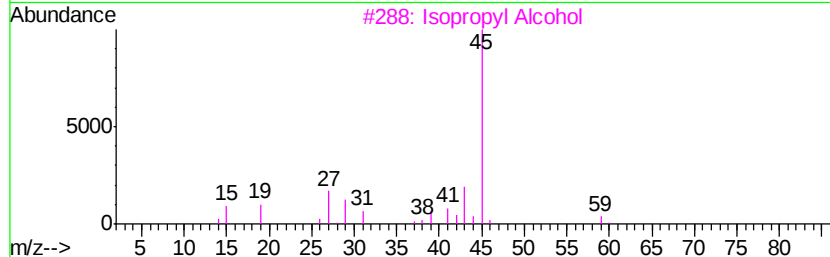
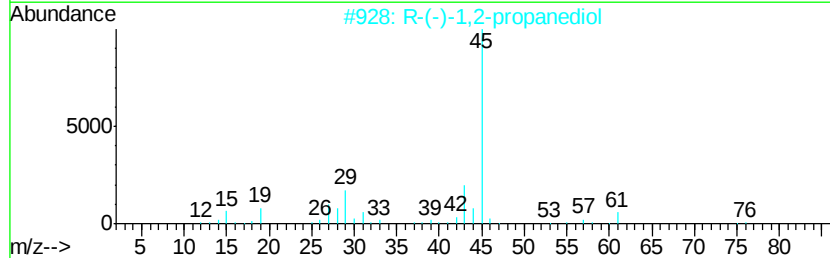
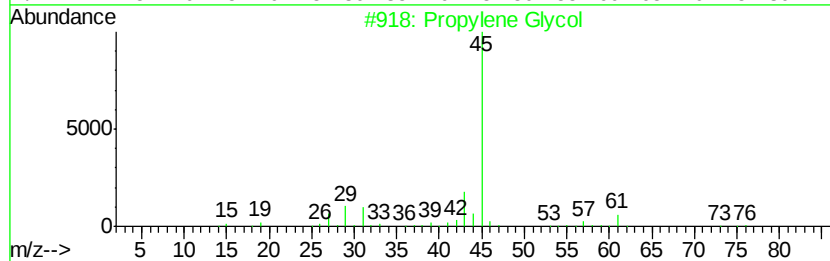
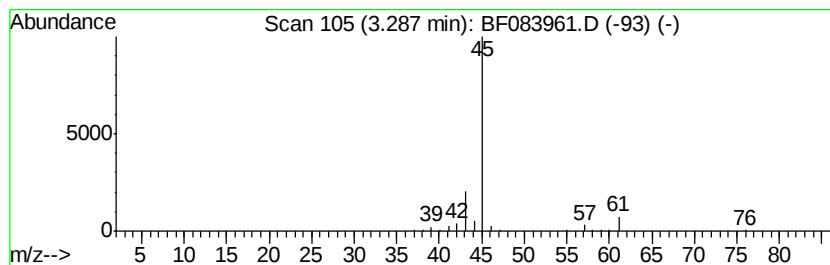
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Propylene Glycol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	32.16 ng	741279	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propylene Glycol	76	C3H8O2	000057-55-6	90
2		R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	64
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4		2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	9
5		Formamide	45	CH3NO	000075-12-7	5



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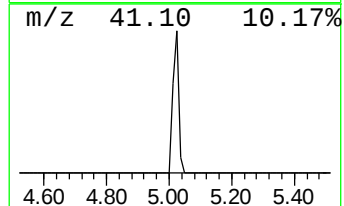
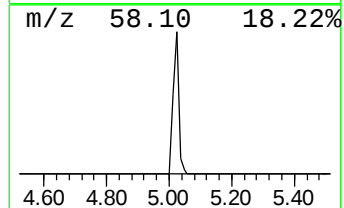
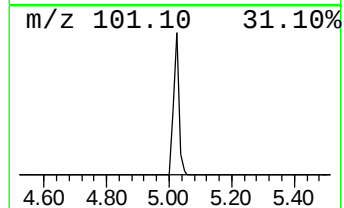
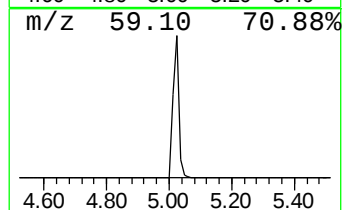
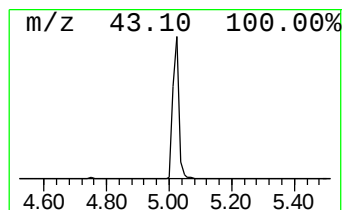
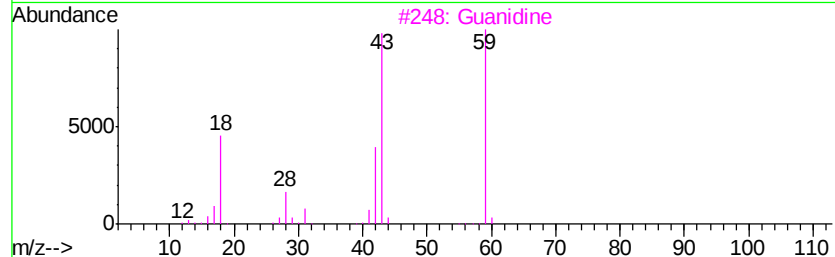
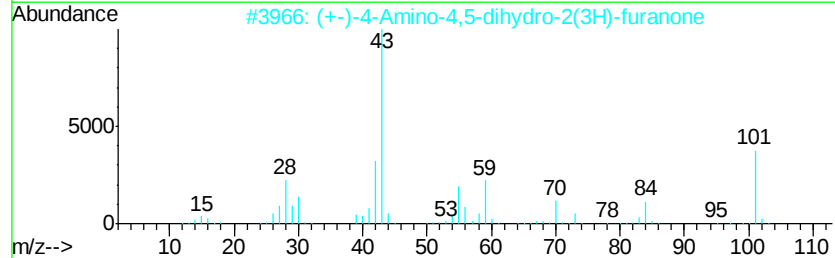
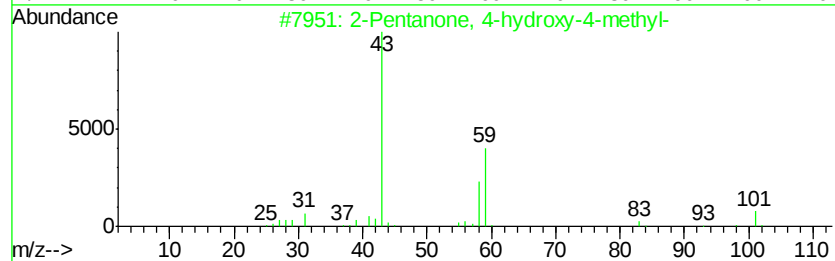
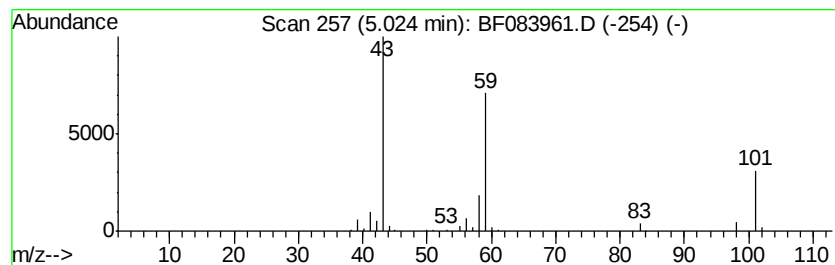
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	9.25 ng	213248	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	47
3		Guanidine	59	CH5N3	000113-00-8	43
4		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	17
5		Acetone	58	C3H6O	000067-64-1	10



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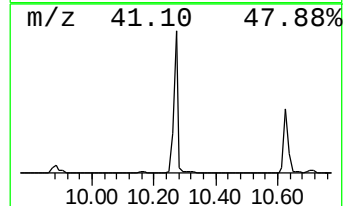
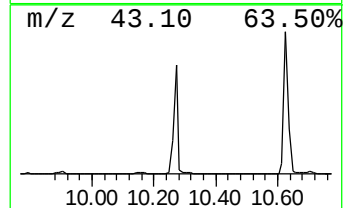
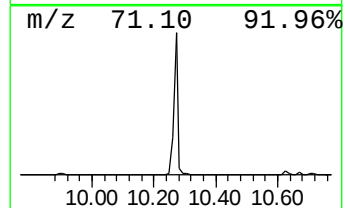
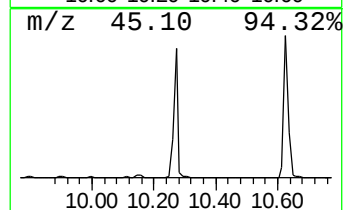
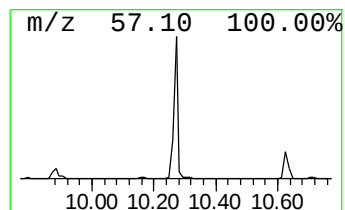
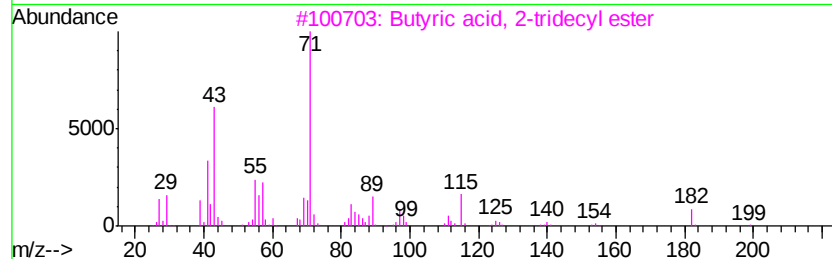
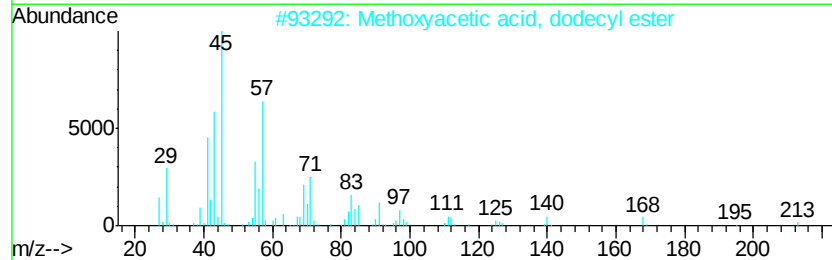
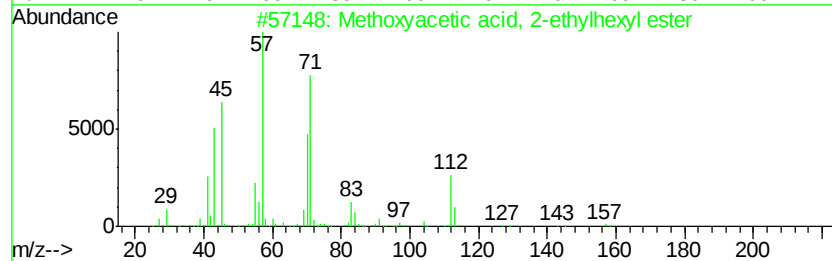
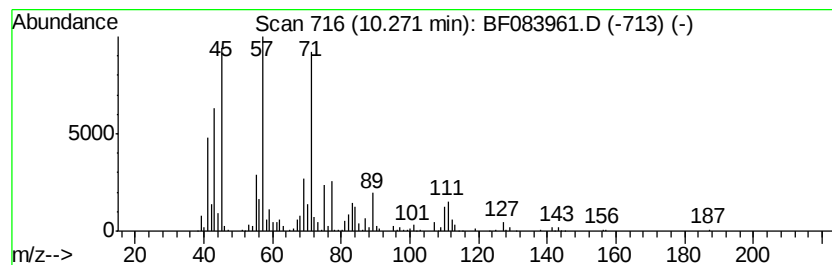
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TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 4 Methoxyacetic acid, 2-ethyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	23.18 ng	1115230	Acenaphthene-d10	9.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methoxvacetic acid, 2-ethylhexyl...	202	C11H22O3	1000282-41-4	50
2		Methoxyacetic acid, dodecyl ester	258	C15H30O3	1000281-81-9	35
3		Butyric acid, 2-tridecyl ester	270	C17H34O2	055193-07-2	27
4		2-Heptanol, 3-methyl-	130	C8H18O	031367-46-1	27
5		2-Undecene, 5-methyl-	168	C12H24	056851-34-4	27



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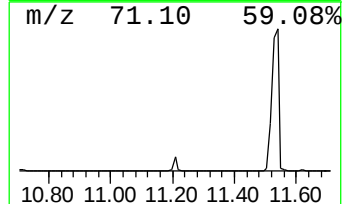
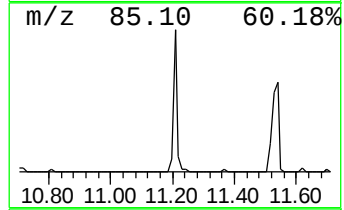
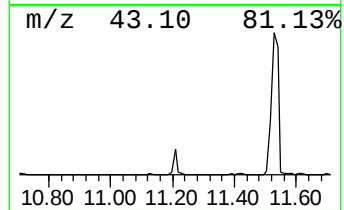
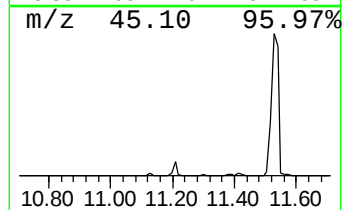
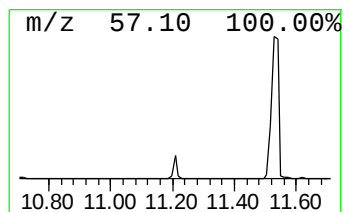
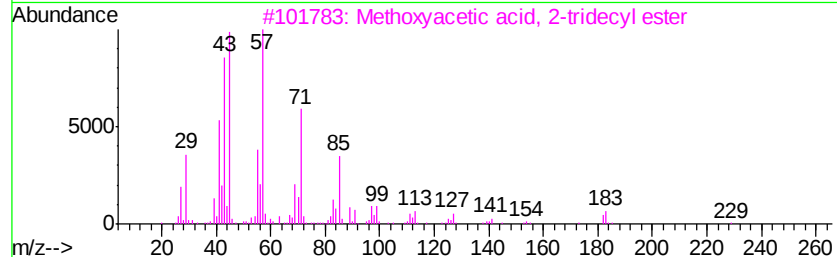
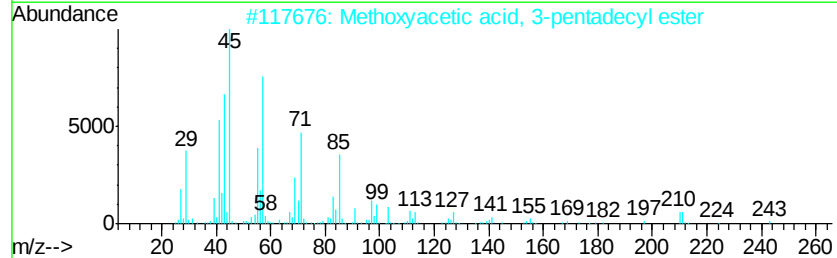
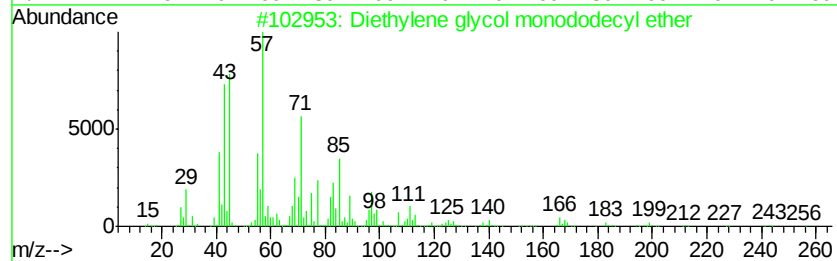
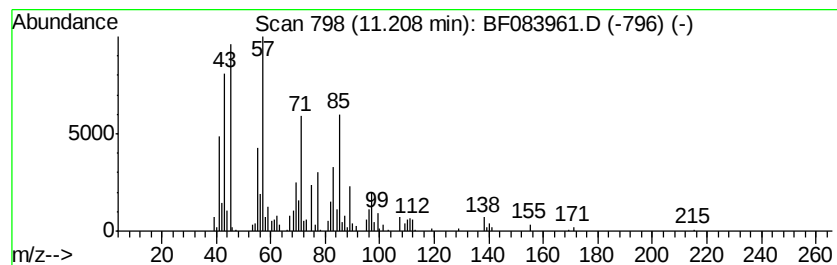
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Diethylene glycol monododec... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	7.72 ng	282356	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethylene glycol monododecyl ether	274	C16H34O3	003055-93-4	83
2		Methoxyacetic acid, 3-pentadecyl...	300	C18H36O3	1000282-05-2	52
3		Methoxyacetic acid, 2-tridecyl e...	272	C16H32O3	1000282-04-5	50
4		2-Dodecanol	186	C12H26O	010203-28-8	38
5		2-(2-Hexyloxyethoxy)ethanol	190	C10H22O3	000112-59-4	38



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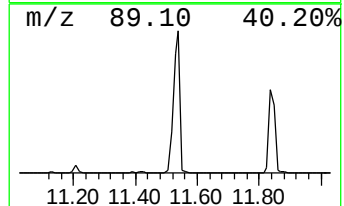
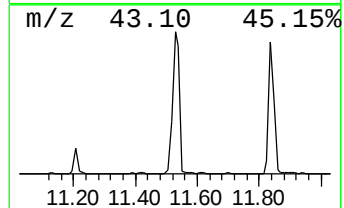
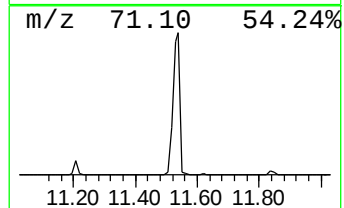
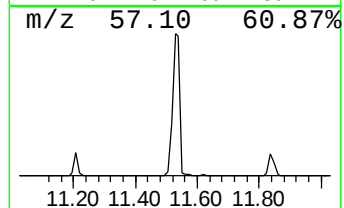
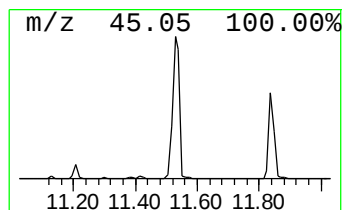
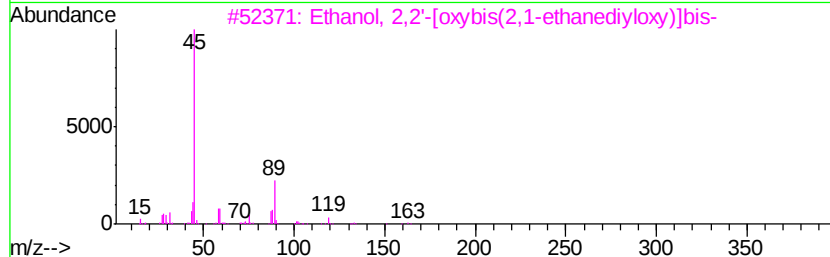
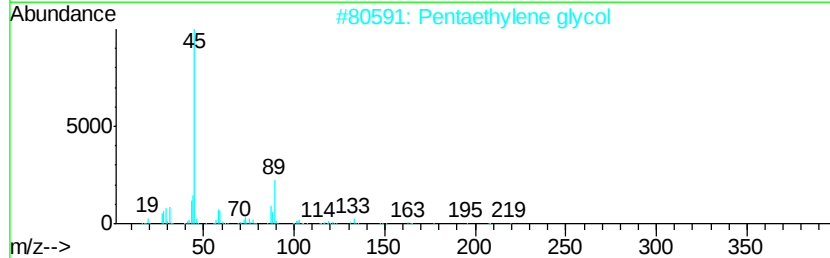
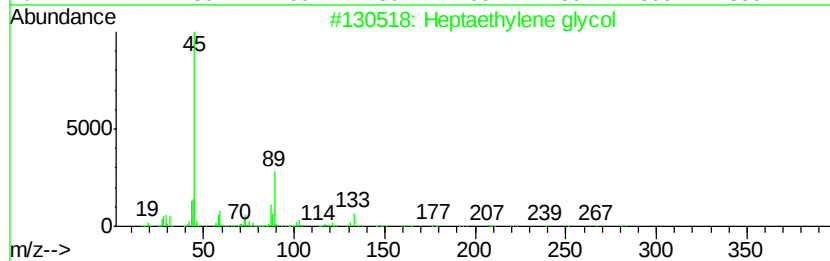
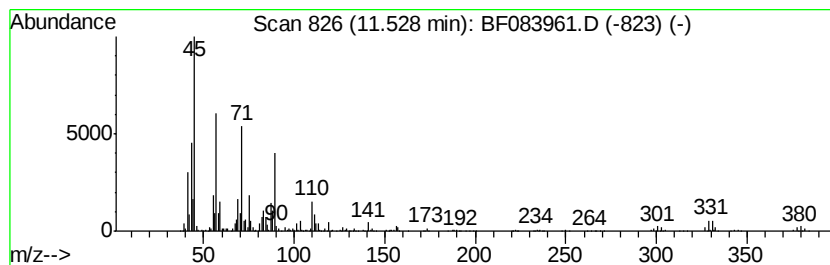
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Peak Number 6 Heptaethylene glycol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	110.70 ng	4049160	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptaethylene glycol	326	C14H30O8	005617-32-3	52
2		Pentaethylene glycol	238	C10H22O6	004792-15-8	52
3		Ethanol, 2,2'-[oxybis(2,1-ethane...	194	C8H18O5	000112-60-7	50
4		3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	50
5		1,4,7,10,13,16-Hexaoxononadecane...	320	C16H32O6	1000163-65-3	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083961.D
Acq On : 19 Dec 2015 18:20
Operator : UM/SJ
Sample : G4886-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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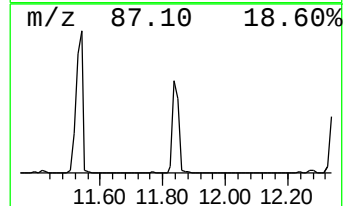
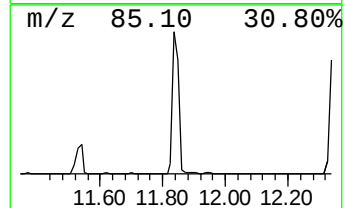
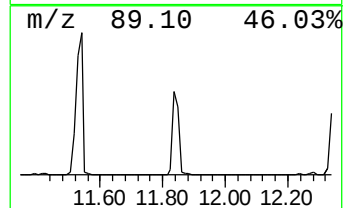
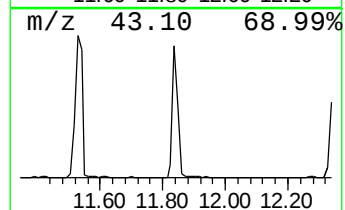
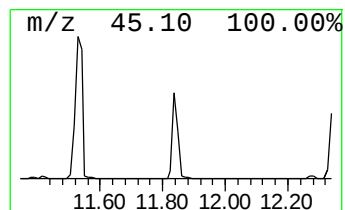
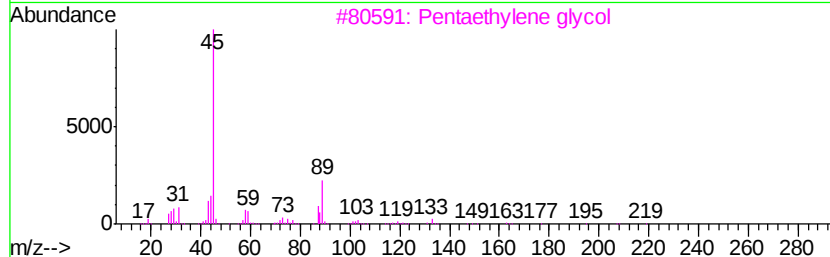
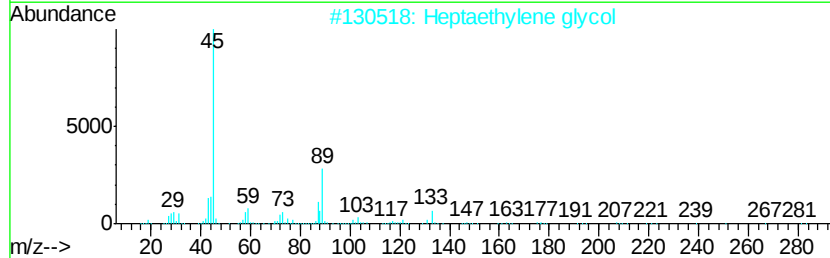
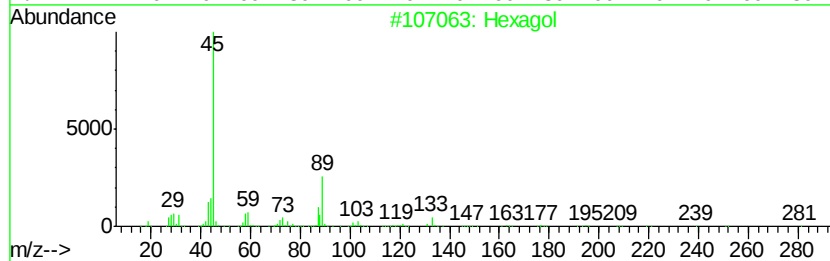
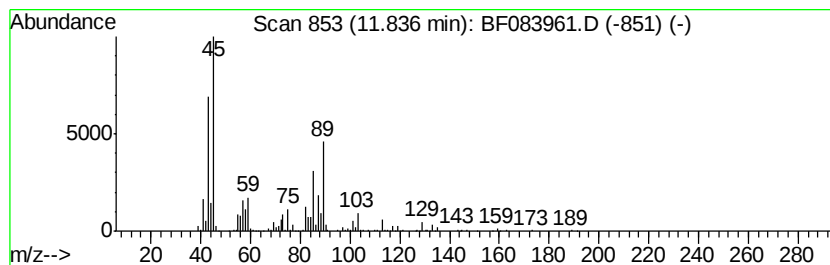
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexagol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	37.80 ng	1382770	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexagol	282	C12H26O7	002615-15-8	64
2		Heptaethylene glycol	326	C14H30O8	005617-32-3	64
3		Pentaethylene glycol	238	C10H22O6	004792-15-8	59
4		Octaethylene glycol	370	C16H34O9	1000289-34-2	58
5		Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083961.D
Acq On : 19 Dec 2015 18:20
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Sample : G4886-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
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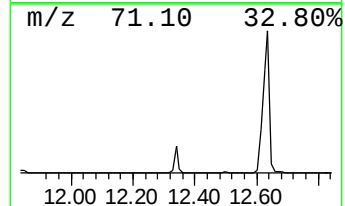
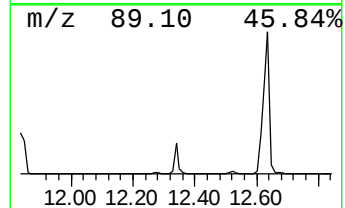
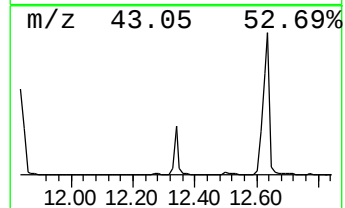
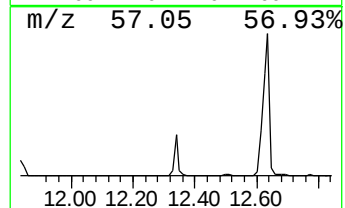
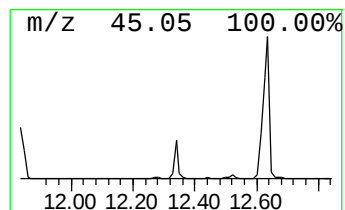
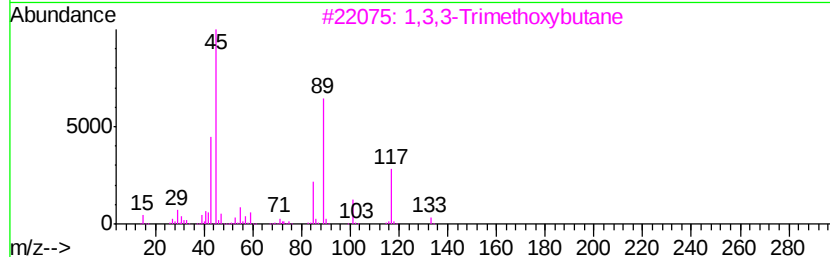
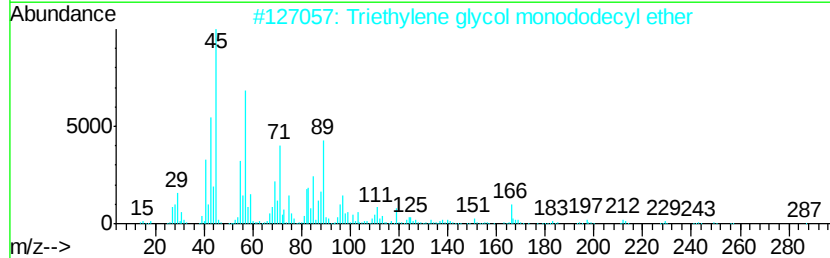
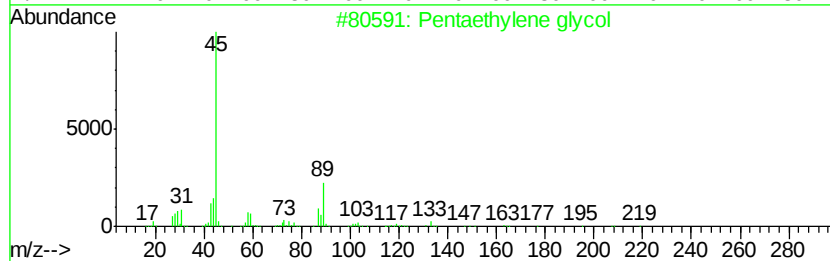
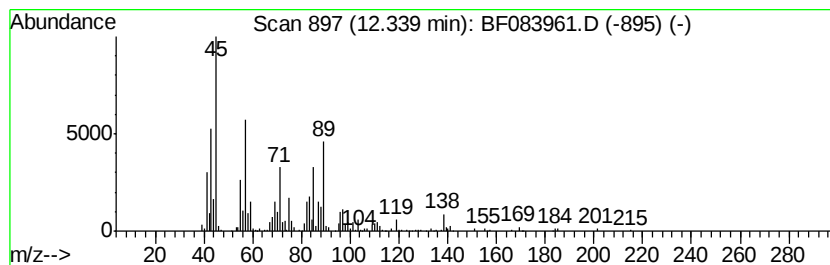
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentaethylene glycol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	27.93 ng	1021640	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentaethylene glycol	238	C10H22O6	004792-15-8	58
2		Triethylene glycol monododecyl e...	318	C18H38O4	003055-94-5	47
3		1,3,3-Trimethoxybutane	148	C7H16O3	006607-66-5	47
4		2-Hexadecanol	242	C16H34O	014852-31-4	38
5		2-Pentadecanol	228	C15H32O	001653-34-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083961.D
Acq On : 19 Dec 2015 18:20
Operator : UM/SJ
Sample : G4886-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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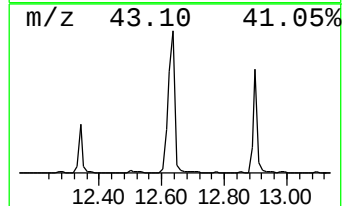
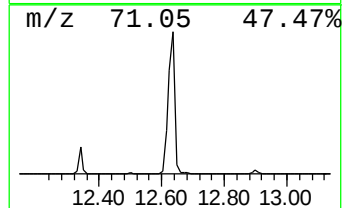
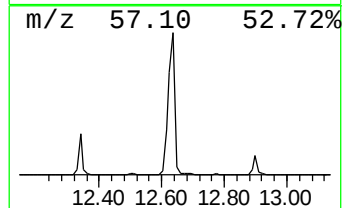
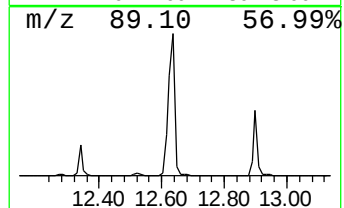
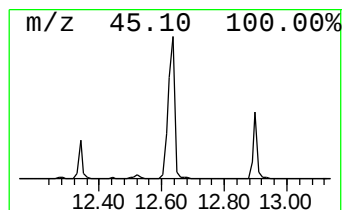
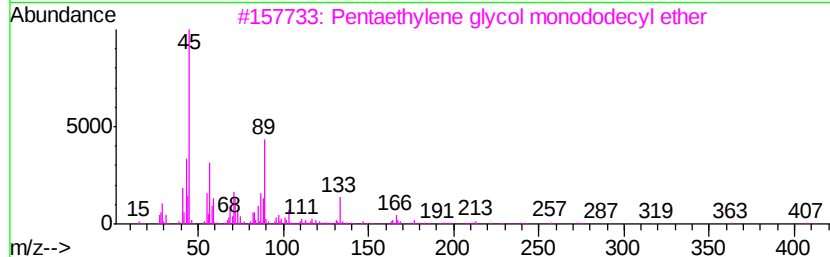
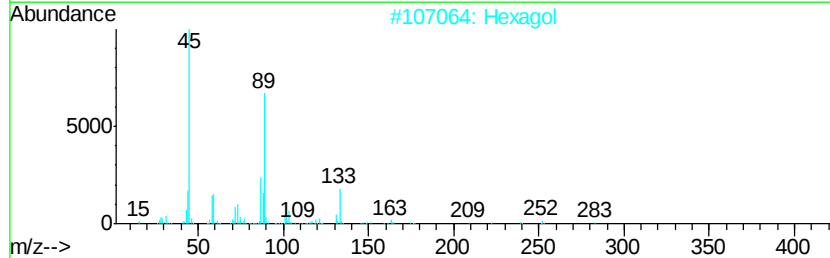
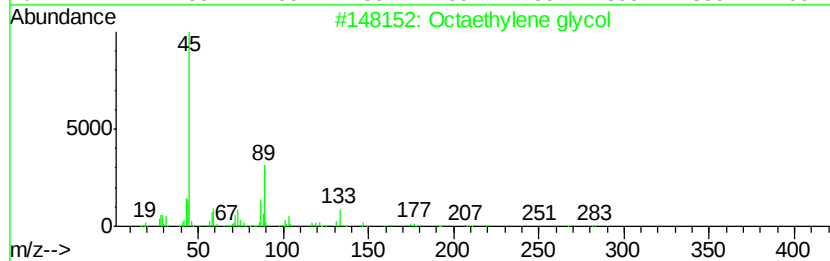
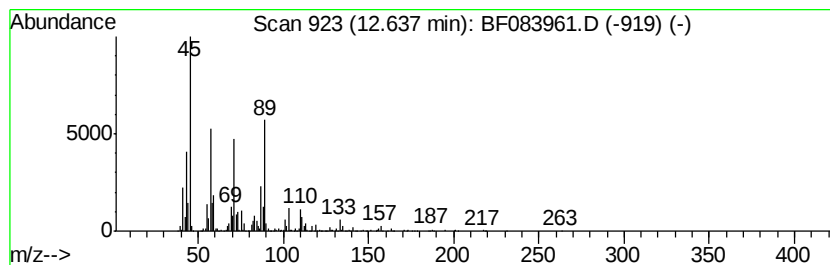
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octaethylene glycol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	151.73 ng	5549920	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octaethylene glycol	370	C16H34O9	1000289-34-2	64
2		Hexagol	282	C12H26O7	002615-15-8	64
3		Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	59
4		Pentaethylene glycol	238	C10H22O6	004792-15-8	58
5		1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083961.D
Acq On : 19 Dec 2015 18:20
Operator : UM/SJ
Sample : G4886-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MIX1

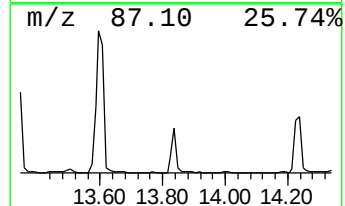
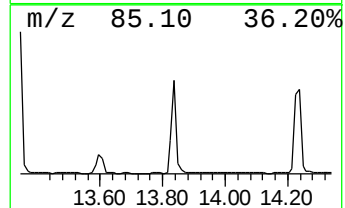
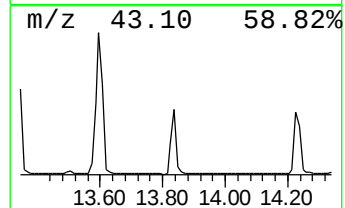
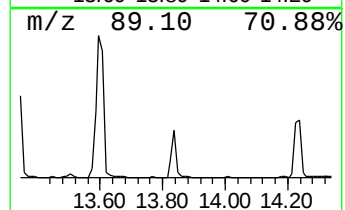
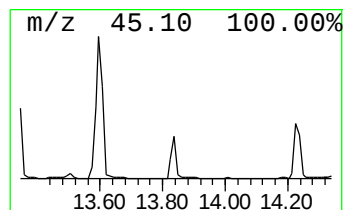
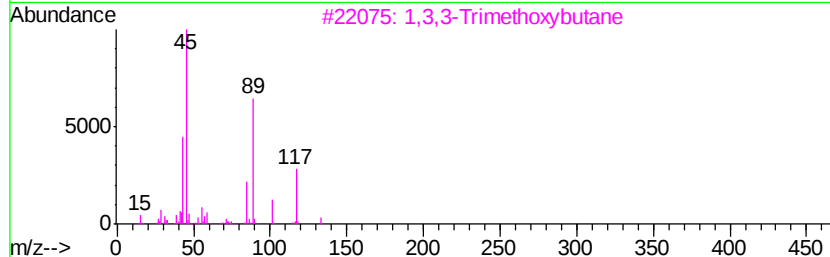
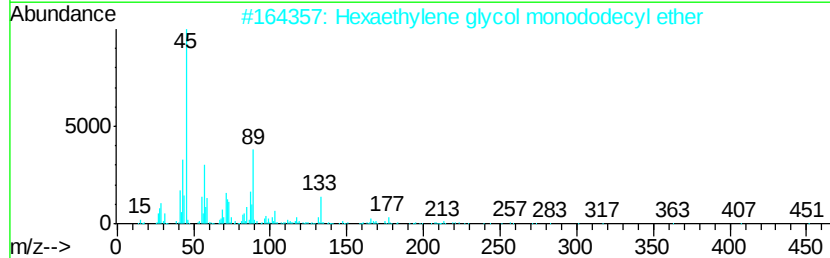
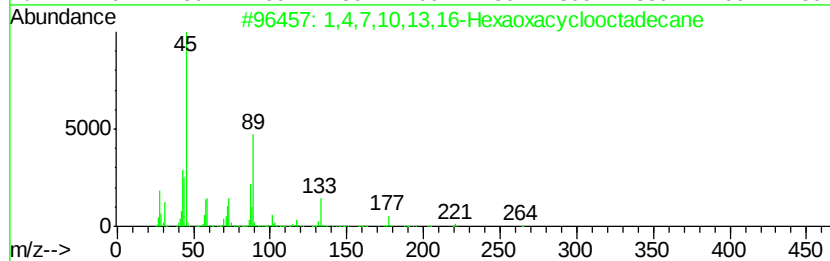
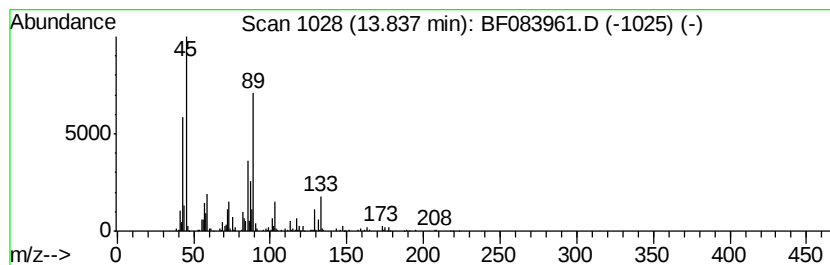
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1,4,7,10,13,16-Hexaoxacyclo... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	25.57 ng	877205	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	64
2		Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	53
3		1,3,3-Trimethoxybutane	148	C7H16O3	006607-66-5	50
4		Octaethylene glycol	370	C16H34O9	1000289-34-2	43
5		Hexagol	282	C12H26O7	002615-15-8	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083961.D
Acq On : 19 Dec 2015 18:20
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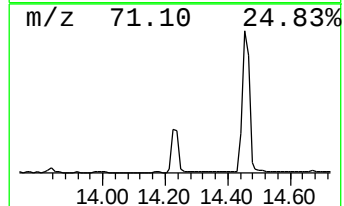
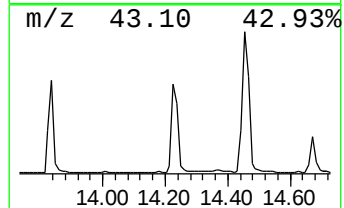
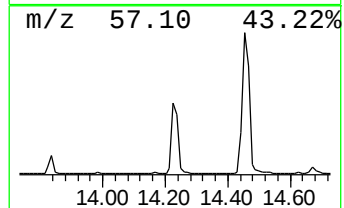
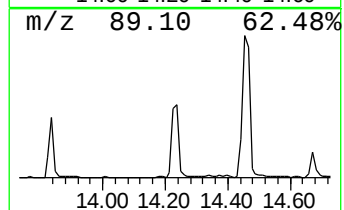
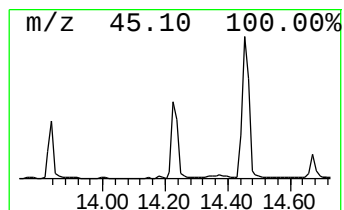
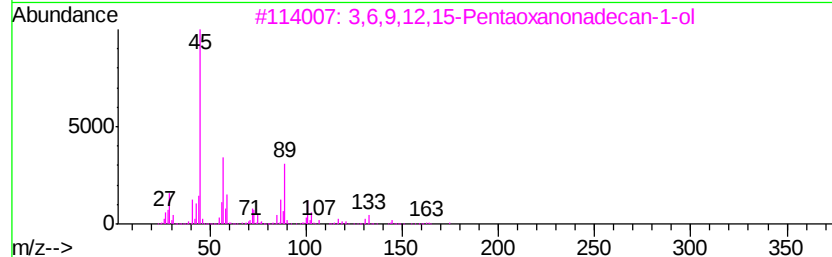
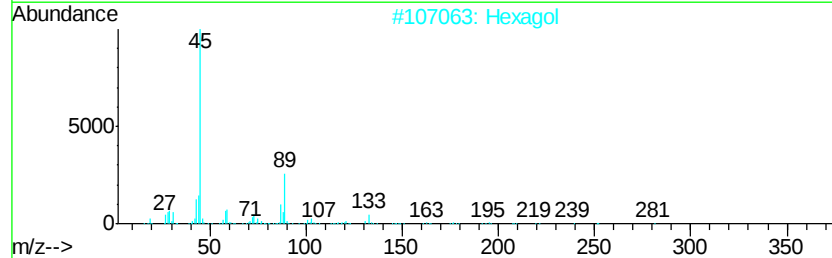
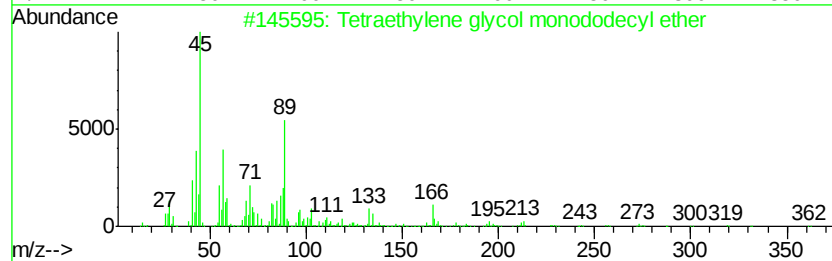
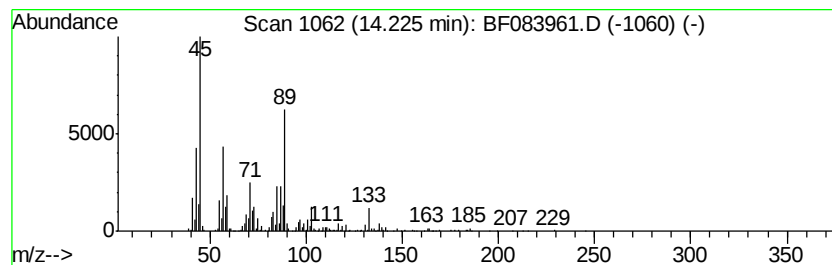
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetraethylene glycol monodo... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	50.65 ng	1737450	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetraethylene glycol monododecyl...	362	C20H42O5	005274-68-0	72
2		Hexagol	282	C12H26O7	002615-15-8	72
3		3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	72
4		1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	59
5		Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	59



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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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
Propylene Glycol	3.29	32.2	ng	741279	1	6.84	460940	20.0
2-Pentanone, 4-hy...	5.02	9.3	ng	213248	1	6.84	460940	20.0
Methoxyacetic aci...	10.27	23.2	ng	1115230	3	9.88	962420	20.0
Diethylene glycol...	11.21	7.7	ng	282356	4	11.37	731569	20.0
Heptaethylene glycol	11.53	110.7	ng	4049160	4	11.37	731569	20.0
Hexagol	11.84	37.8	ng	1382770	4	11.37	731569	20.0
Pentaethylene glycol	12.34	27.9	ng	1021640	4	11.37	731569	20.0
Octaethylene glycol	12.64	151.7	ng	5549920	4	11.37	731569	20.0
1,4,7,10,13,16-He...	13.84	25.6	ng	877205	5	14.01	686018	20.0
Tetraethylene gly...	14.23	50.6	ng	1737450	5	14.01	686018	20.0