

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
 Data File : BF083977.D
 Acq On : 20 Dec 2015 4:03
 Operator : UM/SJ
 Sample : G4838-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPH

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_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	3.813	148	151	155	rVB	140716	203159	7.55%	0.716%
2	4.384	198	201	204	rBV	667404	833549	30.97%	2.938%
3	5.036	255	258	264	rBV	304967	471631	17.52%	1.662%
4	5.310	280	282	284	rVB	109087	107055	3.98%	0.377%
5	5.424	290	292	294	rBV	48034	87145	3.24%	0.307%
6	5.470	294	296	299	rVB	1840159	1866037	69.32%	6.576%
7	5.687	312	315	317	rVB2	48384	68687	2.55%	0.242%
8	5.779	320	323	325	rBV	24951	28433	1.06%	0.100%
9	6.499	383	386	388	rBV	1714393	1887396	70.12%	6.652%
10	6.624	394	397	399	rBV	2255172	2207722	82.02%	7.781%
11	6.682	399	402	405	rVB3	43612	67239	2.50%	0.237%
12	6.853	414	417	419	rBV	326209	441618	16.41%	1.556%
13	6.922	420	423	426	rBV2	120571	128844	4.79%	0.454%
14	7.002	428	430	433	rVV	1429305	1829834	67.98%	6.449%
15	7.104	437	439	442	rBV	438966	494715	18.38%	1.744%
16	7.242	444	451	463	rBV3	48328	174952	6.50%	0.617%
17	7.413	463	466	468	rBV	1299601	1345970	50.00%	4.744%
18	7.550	474	478	482	rBV	56615	112502	4.18%	0.396%
19	7.676	488	489	494	rVB2	14230	27058	1.01%	0.095%
20	7.802	498	500	502	rBV	17368	29762	1.11%	0.105%
21	7.904	505	509	514	rBV4	97464	332811	12.36%	1.173%
22	8.042	519	521	523	rVV	43190	39595	1.47%	0.140%
23	8.156	527	531	533	rVV2	1545548	1988454	73.87%	7.008%
24	8.202	533	535	538	rVB	127226	111122	4.13%	0.392%
25	8.499	558	561	565	rBV2	42026	68795	2.56%	0.242%
26	8.807	585	588	589	rBV	383522	345338	12.83%	1.217%
27	8.842	589	591	594	rVB	219810	195311	7.26%	0.688%
28	8.945	597	600	603	rVB	245101	285883	10.62%	1.008%
29	9.127	614	616	620	rBV	30636	33359	1.24%	0.118%
30	9.207	620	623	626	rVV	2459027	2691809	100.00%	9.487%
31	9.310	628	632	635	rBV	21235	31125	1.16%	0.110%
32	9.367	635	637	639	rBV	141243	162635	6.04%	0.573%
33	9.413	639	641	643	rVV2	24551	38064	1.41%	0.134%
34	9.470	643	646	648	rVB	29938	49635	1.84%	0.175%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
 Data File : BF083977.D
 Acq On : 20 Dec 2015 4:03
 Operator : UM/SJ
 Sample : G4838-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPH

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_F\METHODS\8270-BF121815.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.539	650	652	654	rBV3	24928	35126	1.30%	0.124%
36	9.699	664	666	668	rVB	179281	152048	5.65%	0.536%
37	9.745	668	670	672	rBV	140788	119364	4.43%	0.421%
38	9.825	672	677	679	rVV	35144	43378	1.61%	0.153%
39	9.882	679	682	684	rVV	710247	707878	26.30%	2.495%
40	9.916	684	685	687	rVB	41530	32662	1.21%	0.115%
41	10.088	698	700	702	rBV	42495	42248	1.57%	0.149%
42	10.316	719	720	724	rBV	30276	60485	2.25%	0.213%
43	10.430	728	730	733	rVB	72168	84891	3.15%	0.299%
44	10.625	745	747	749	rBV	56877	61535	2.29%	0.217%
45	10.670	749	751	754	rVV2	1356146	1735187	64.46%	6.115%
46	10.716	754	755	756	rVV	62596	45694	1.70%	0.161%
47	10.751	756	758	760	rVV	454082	424170	15.76%	1.495%
48	10.796	760	762	765	rVB2	44890	71859	2.67%	0.253%
49	10.922	771	773	776	rBV2	12540	31952	1.19%	0.113%
50	11.253	799	802	804	rBV2	17390	31054	1.15%	0.109%
51	11.368	810	812	814	rBV	589758	539133	20.03%	1.900%
52	11.653	835	837	842	rVB	56262	58508	2.17%	0.206%
53	11.939	860	862	865	rBV	552303	519046	19.28%	1.829%
54	12.419	901	904	905	rBV	28917	27270	1.01%	0.096%
55	12.614	915	921	926	rBV4	53489	141031	5.24%	0.497%
56	12.728	929	931	933	rBV	44278	42365	1.57%	0.149%
57	12.774	933	935	937	rBV	101341	100631	3.74%	0.355%
58	12.956	948	951	952	rBV	2014586	2245372	83.41%	7.913%
59	12.991	952	954	960	rVB	405190	504684	18.75%	1.779%
60	13.185	968	971	974	rBV	27925	37696	1.40%	0.133%
61	13.482	995	997	998	rBV	64181	60054	2.23%	0.212%
62	13.516	998	1000	1004	rVB4	17808	42082	1.56%	0.148%
63	13.677	1012	1014	1017	rBV	25862	32276	1.20%	0.114%
64	13.859	1027	1030	1032	rBV	20264	29948	1.11%	0.106%
65	13.917	1032	1035	1040	rBV	295341	364939	13.56%	1.286%
66	13.997	1040	1042	1045	rVB	337454	401707	14.92%	1.416%
67	14.477	1081	1084	1086	rBV	18711	27424	1.02%	0.097%
68	14.534	1086	1089	1093	rBV4	12687	31281	1.16%	0.110%
69	14.751	1105	1108	1112	rBV	133449	223344	8.30%	0.787%
70	15.437	1165	1168	1173	rBV	259319	414220	15.39%	1.460%
71	15.722	1190	1193	1197	rBV	29199	64740	2.41%	0.228%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083977.D
Acq On : 20 Dec 2015 4:03
Operator : UM/SJ
Sample : G4838-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPH

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

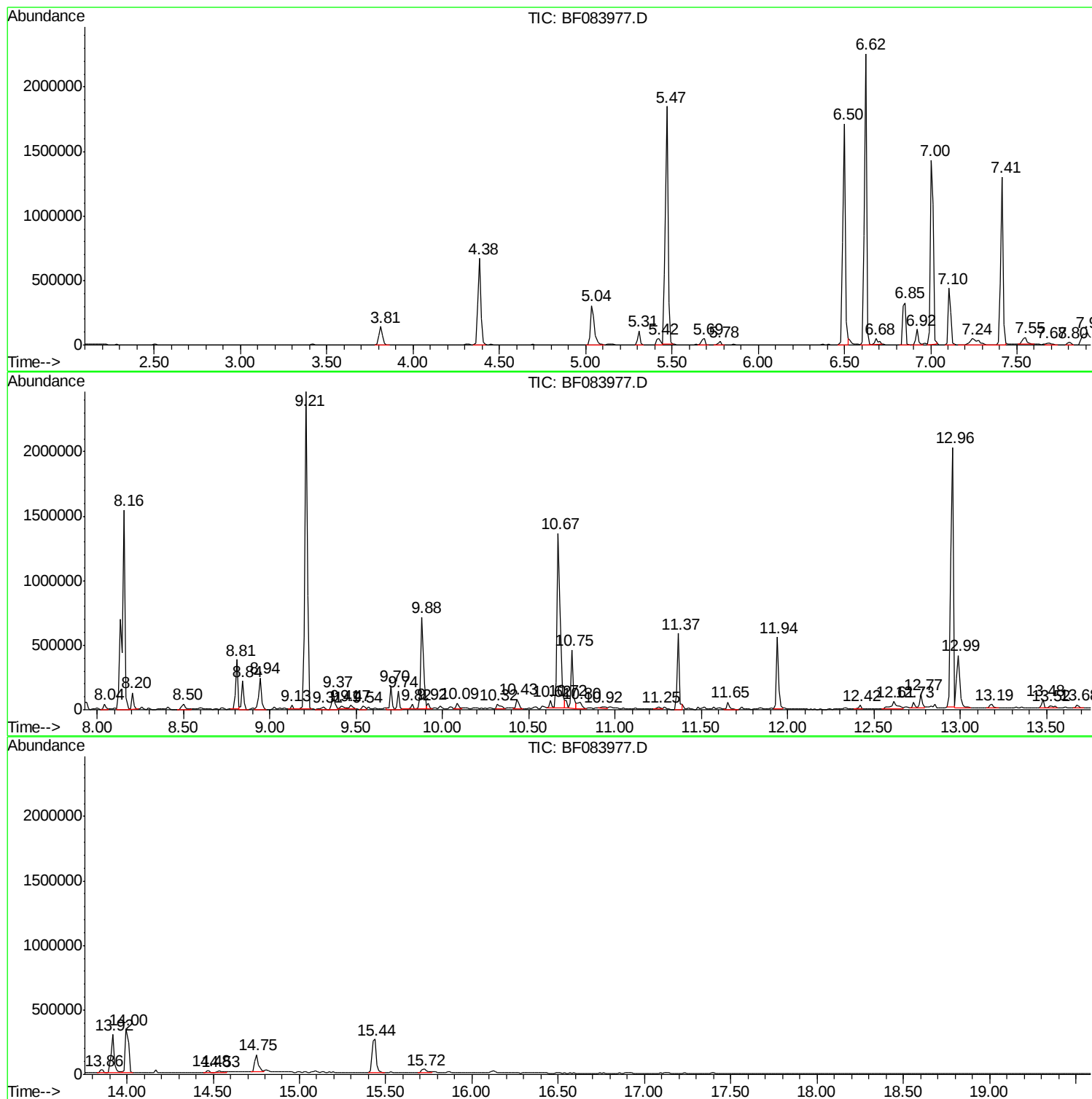
Sum of corrected areas: 28374526

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083977.D
Acq On : 20 Dec 2015 4:03
Operator : UM/SJ
Sample : G4838-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPH

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083977.D
Acq On : 20 Dec 2015 4:03
Operator : UM/SJ
Sample : G4838-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPH

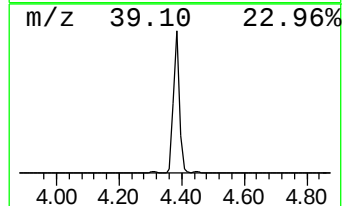
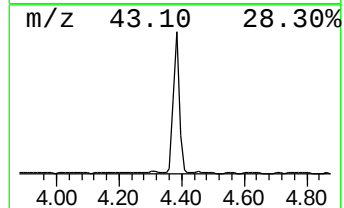
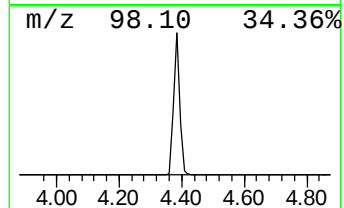
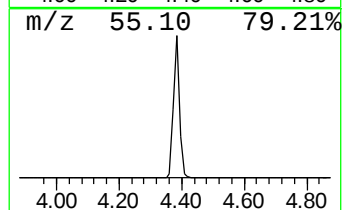
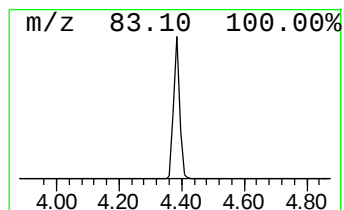
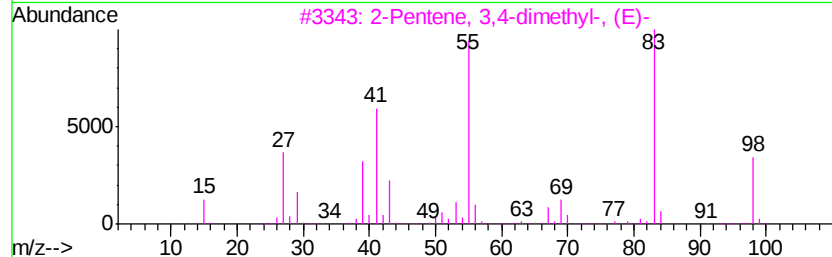
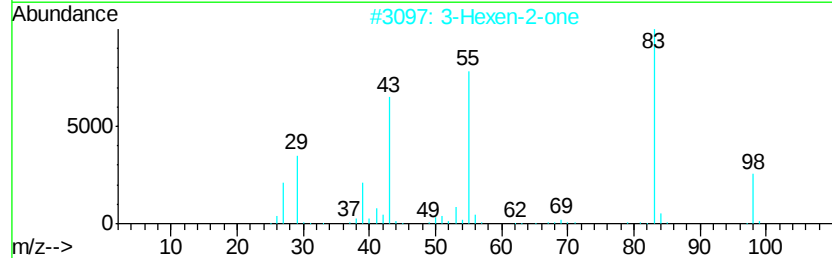
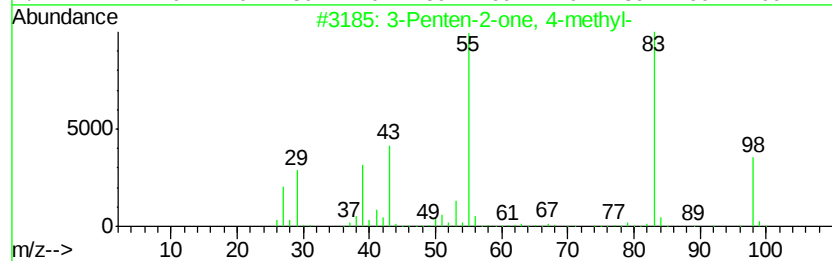
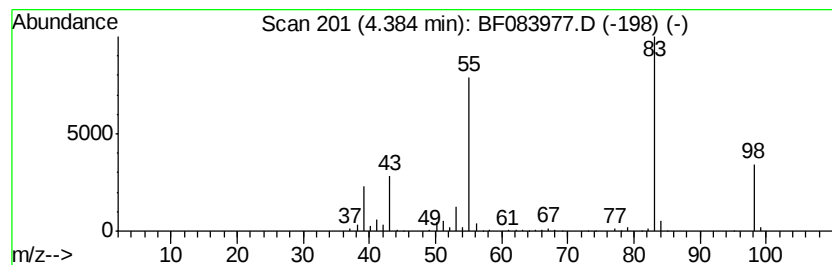
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	37.75 ng	833549	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2		3-Hexen-2-one	98	C6H10O	000763-93-9	91
3		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5		Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083977.D
Acq On : 20 Dec 2015 4:03
Operator : UM/SJ
Sample : G4838-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPH

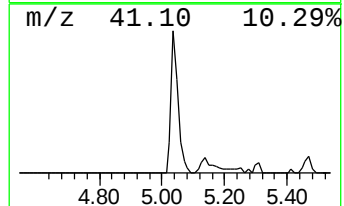
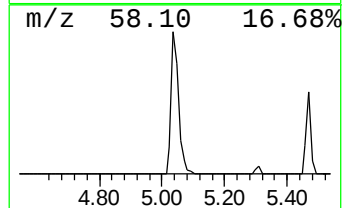
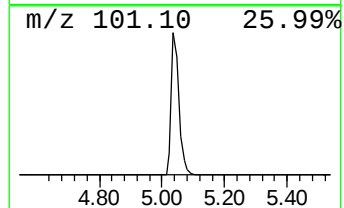
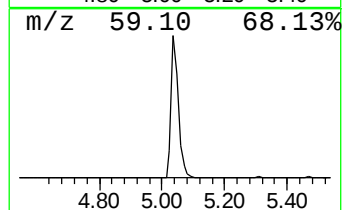
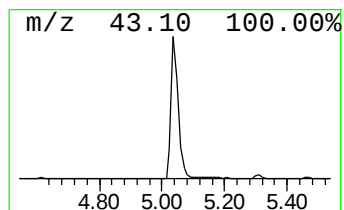
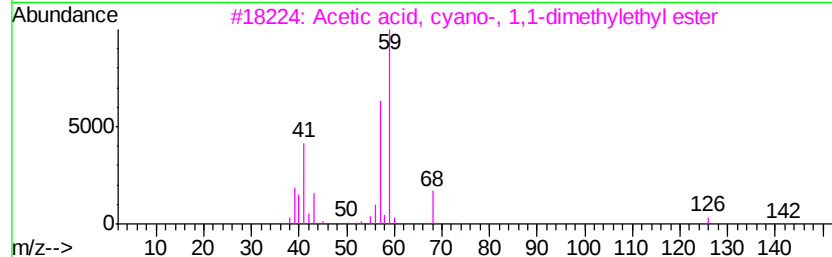
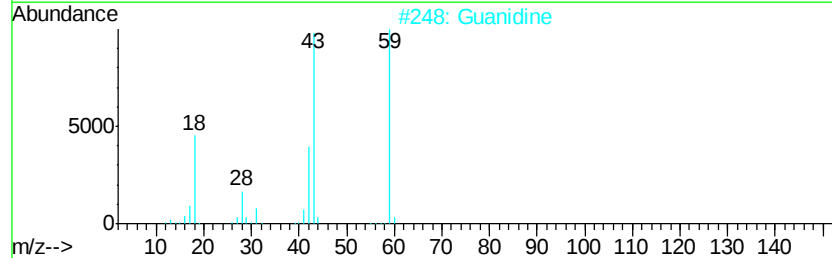
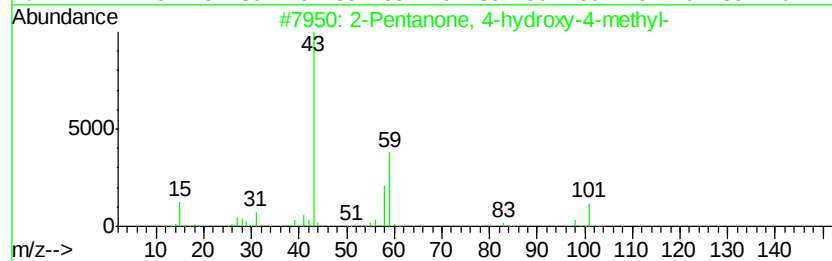
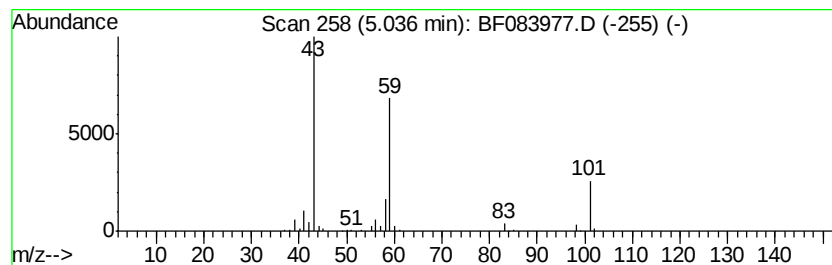
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	21.36 ng	471631	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Guanidine	59	CH5N3	000113-00-8	43
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4		Butane	58	C4H10	000106-97-8	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083977.D
Acq On : 20 Dec 2015 4:03
Operator : UM/SJ
Sample : G4838-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPH

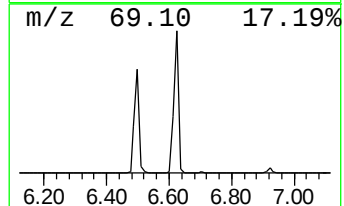
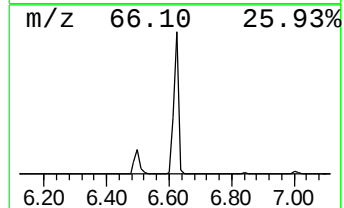
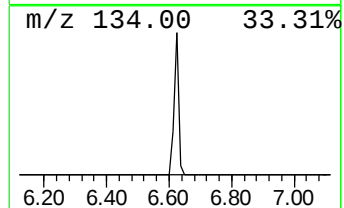
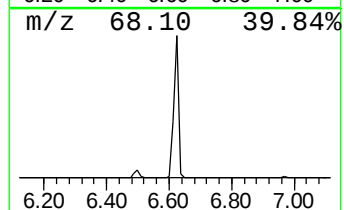
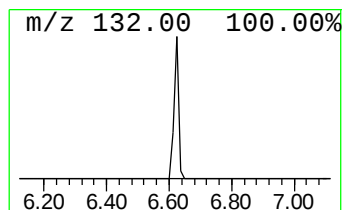
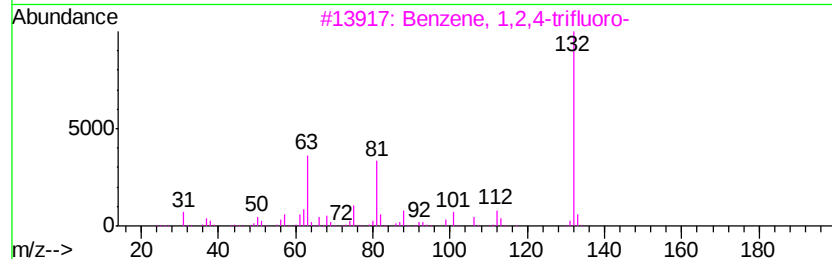
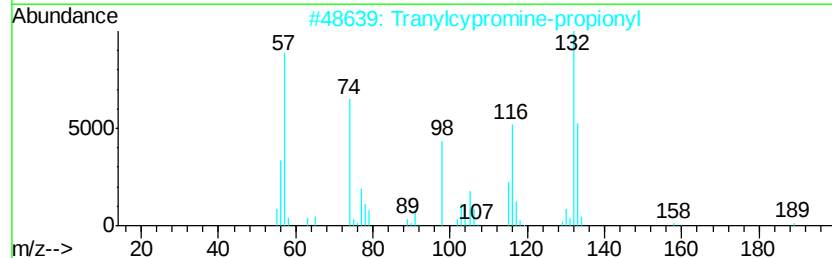
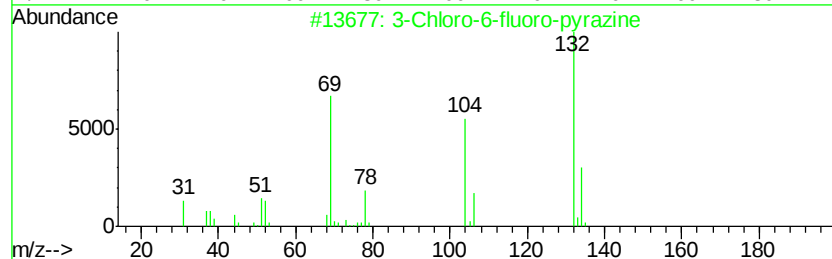
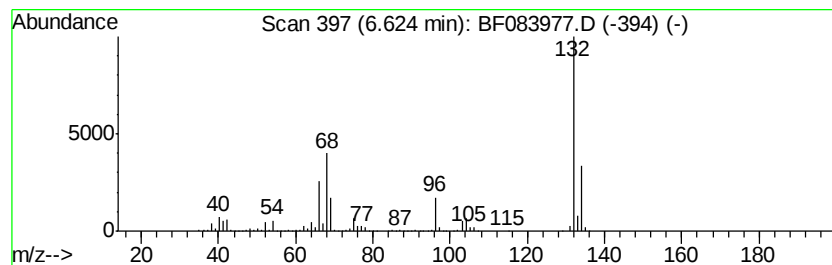
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	99.98 ng	2207720	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083977.D
Acq On : 20 Dec 2015 4:03
Operator : UM/SJ
Sample : G4838-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPH

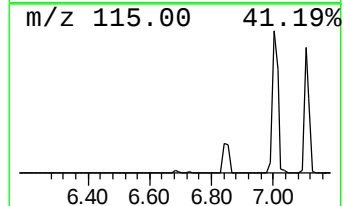
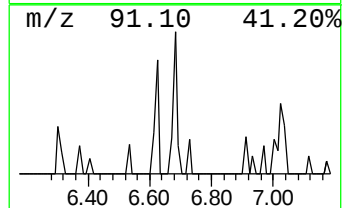
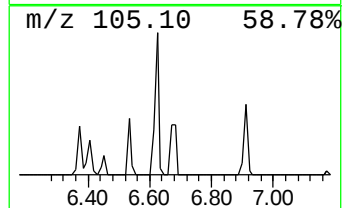
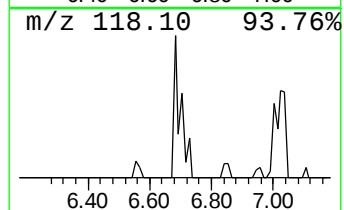
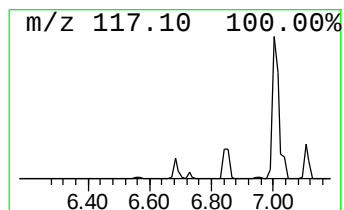
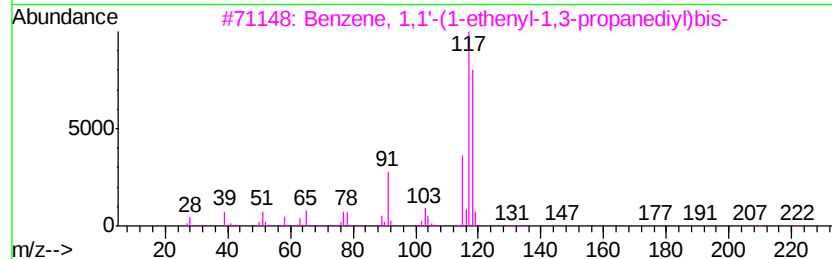
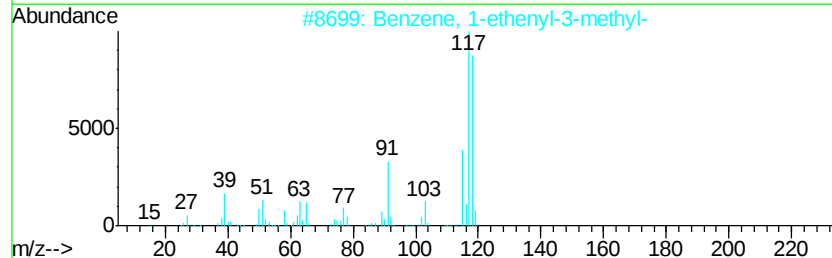
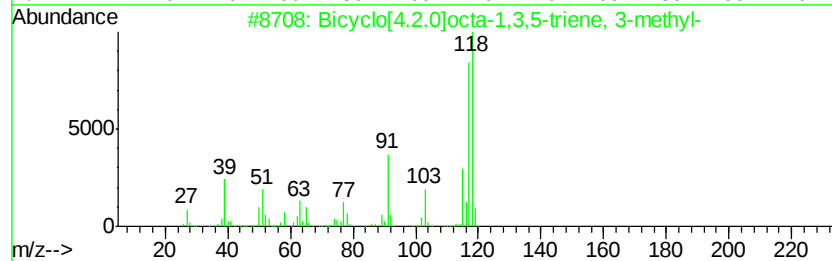
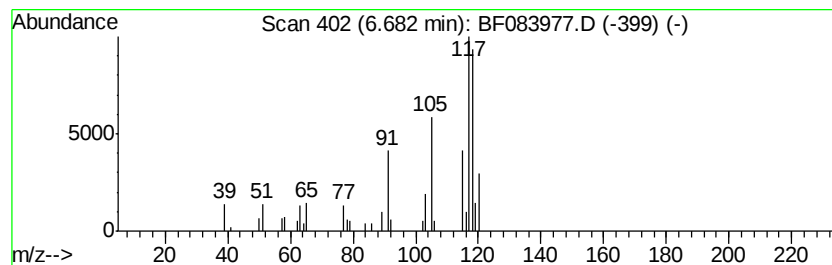
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	3.05 ng	67239	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	95
2		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
3		Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	72
4		Benzene, 1-propenyl-	118	C9H10	000637-50-3	70
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083977.D
Acq On : 20 Dec 2015 4:03
Operator : UM/SJ
Sample : G4838-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPH

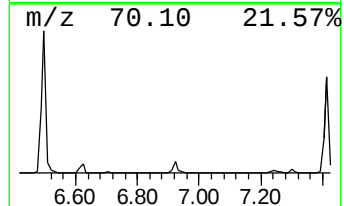
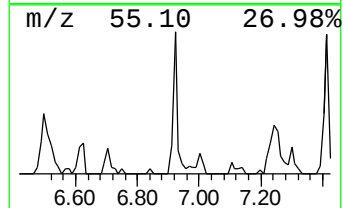
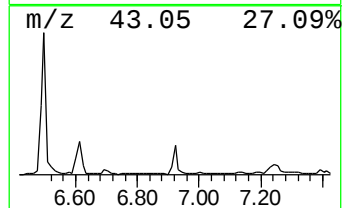
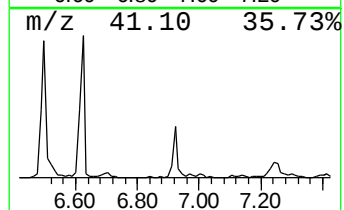
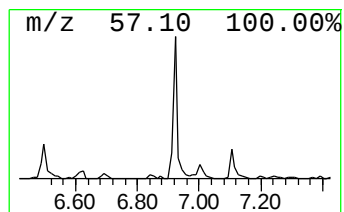
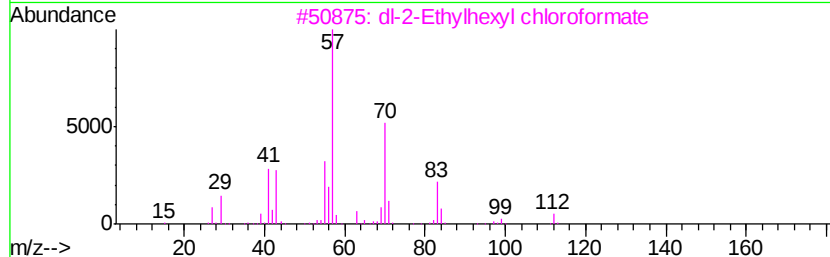
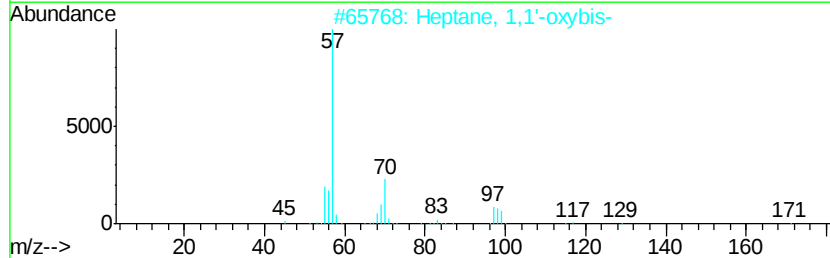
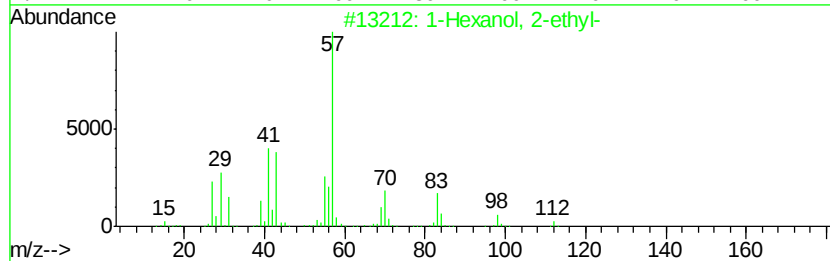
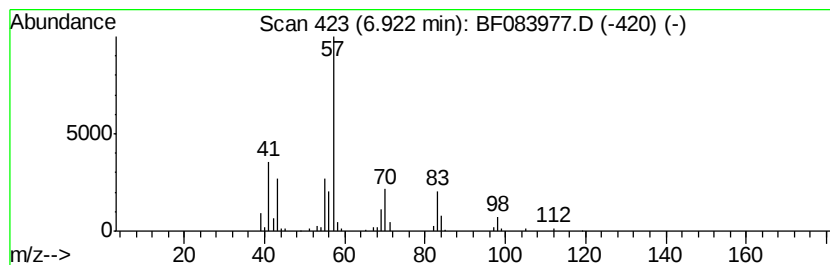
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Hexanol, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	5.84 ng	128844	1,4-Dichlorobenzene-d4	6.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53
3		dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	53
4		2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	50
5		1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083977.D
Acq On : 20 Dec 2015 4:03
Operator : UM/SJ
Sample : G4838-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPH

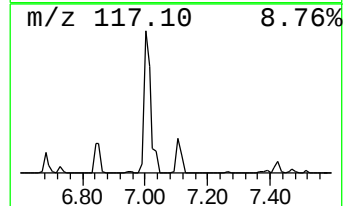
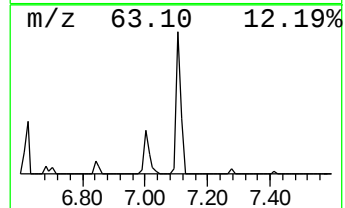
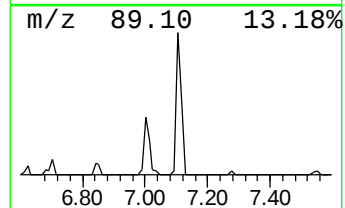
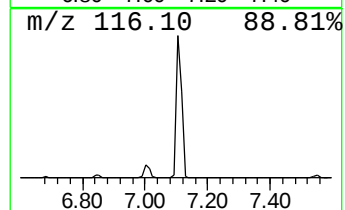
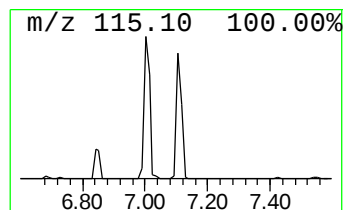
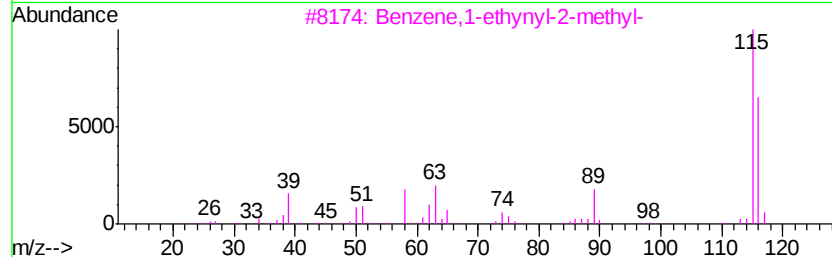
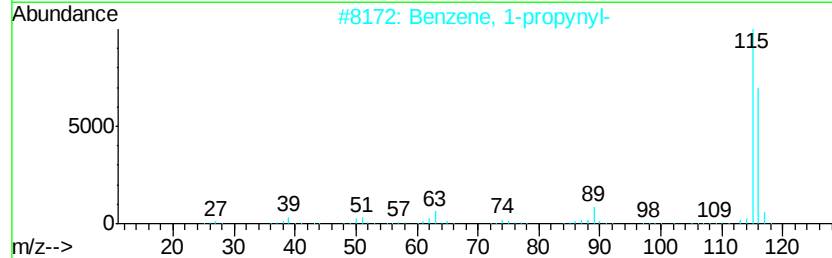
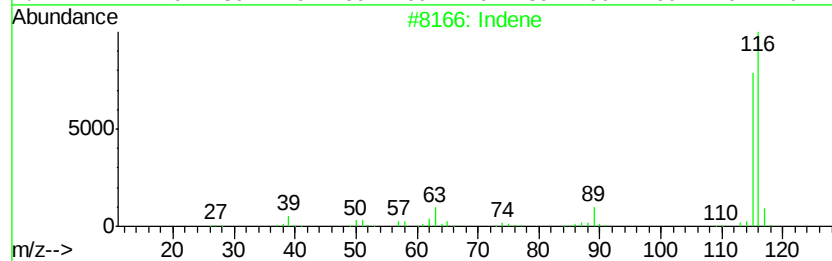
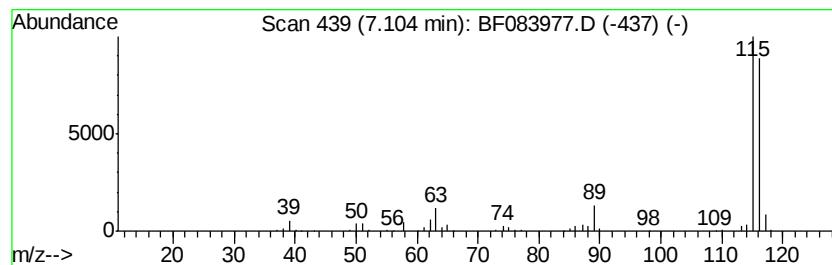
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	22.40 ng	494715	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3		Benzene, 1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91
4		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
5		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083977.D
Acq On : 20 Dec 2015 4:03
Operator : UM/SJ
Sample : G4838-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPH

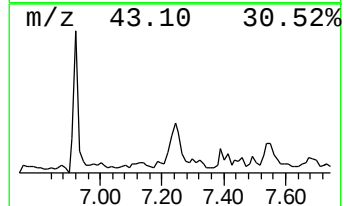
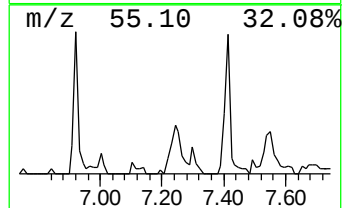
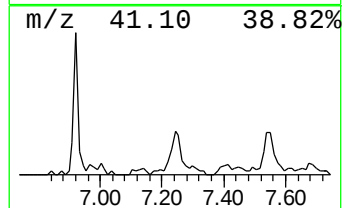
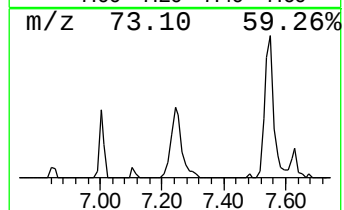
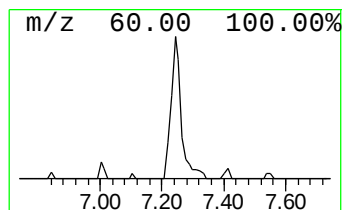
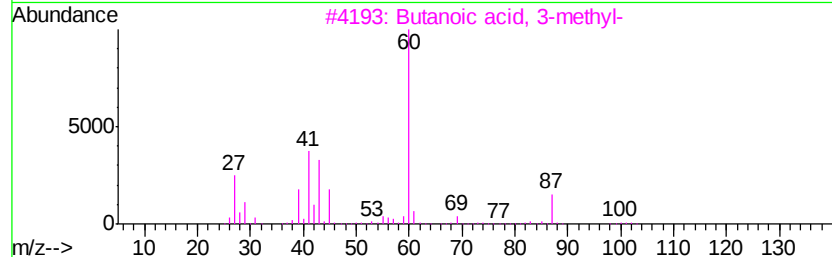
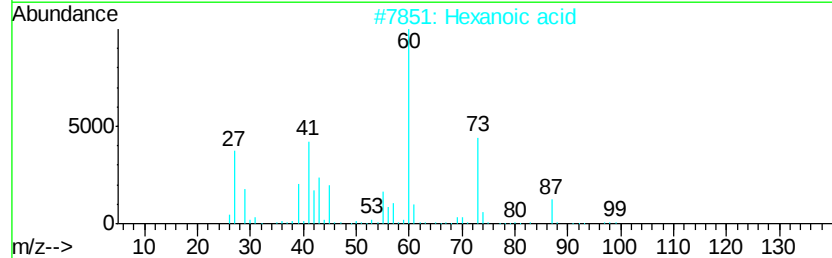
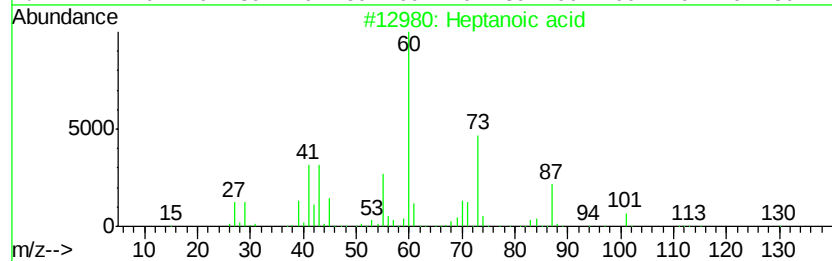
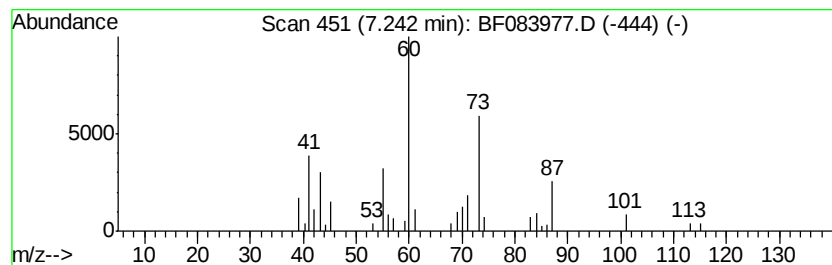
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	7.92 ng	174952	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptanoic acid	130	C7H14O2	000111-14-8	86
2			Hexanoic acid	116	C6H12O2	000142-62-1	59
3			Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	50
4			Pentanoic acid	102	C5H10O2	000109-52-4	47
5			Octanoic Acid	144	C8H16O2	000124-07-2	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083977.D
Acq On : 20 Dec 2015 4:03
Operator : UM/SJ
Sample : G4838-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPH

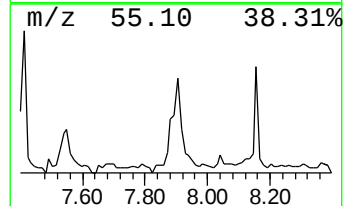
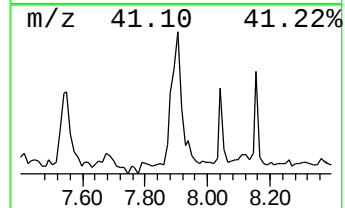
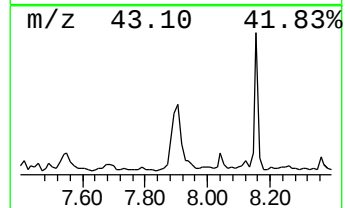
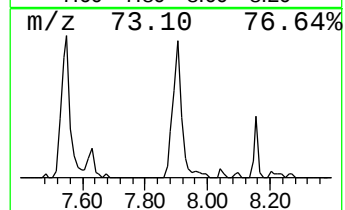
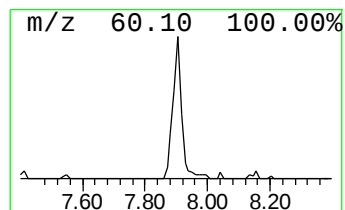
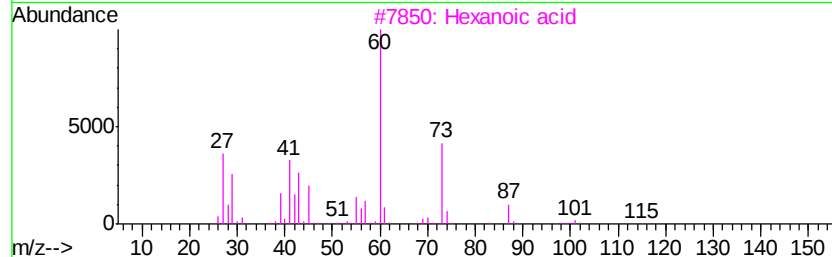
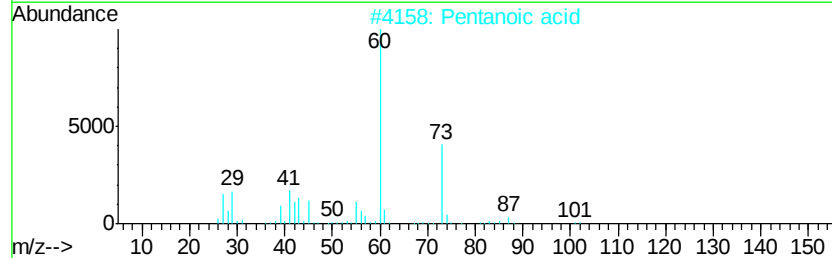
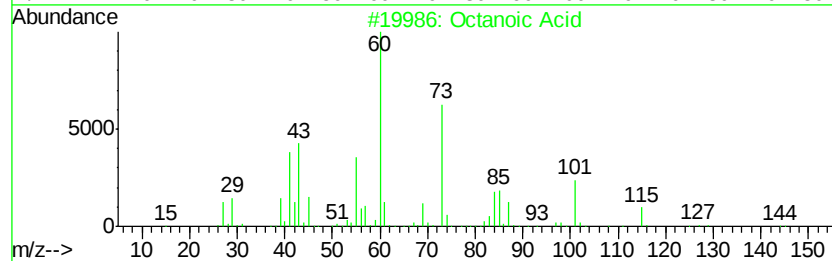
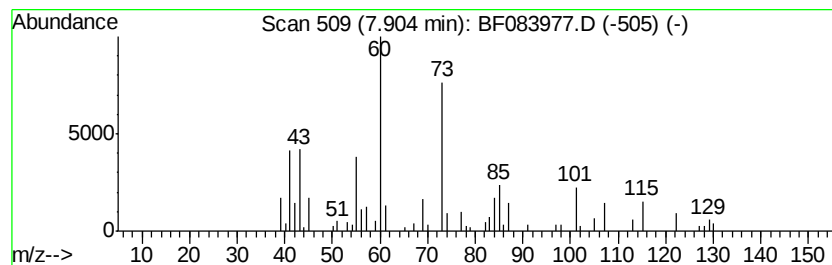
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octanoic Acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	3.35 ng	332811	Naphthalene-d8	8.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octanoic Acid	144	C8H16O2	000124-07-2	87
2			Pentanoic acid	102	C5H10O2	000109-52-4	50
3			Hexanoic acid	116	C6H12O2	000142-62-1	50
4			Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	40
5			D-Galactose, 6-deoxy-	164	C6H12O5	003615-37-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083977.D
Acq On : 20 Dec 2015 4:03
Operator : UM/SJ
Sample : G4838-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

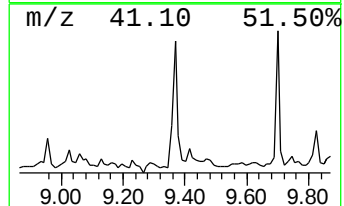
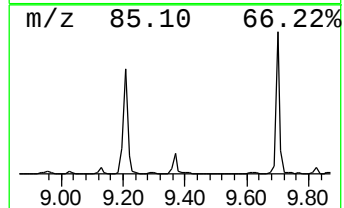
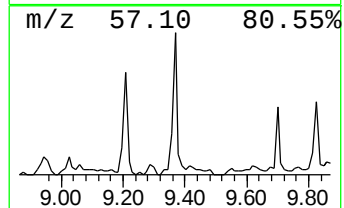
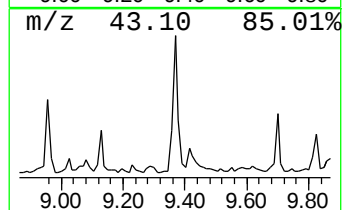
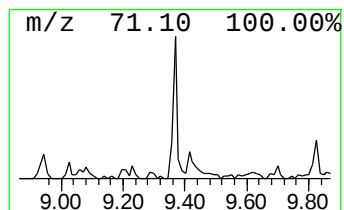
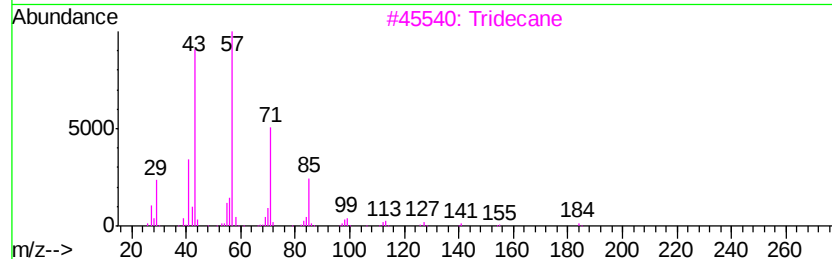
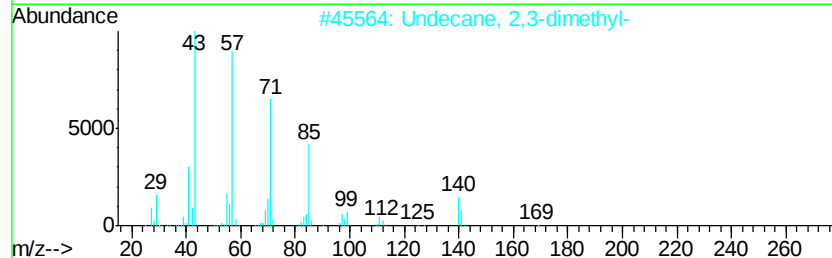
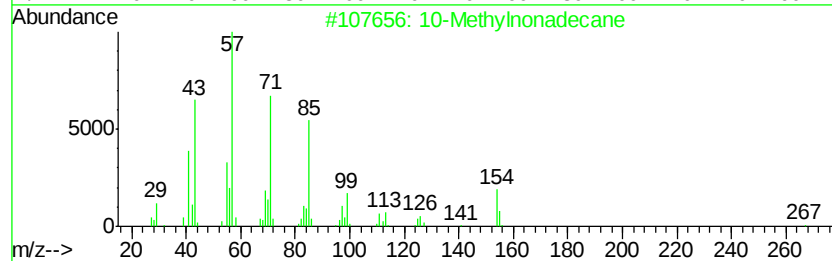
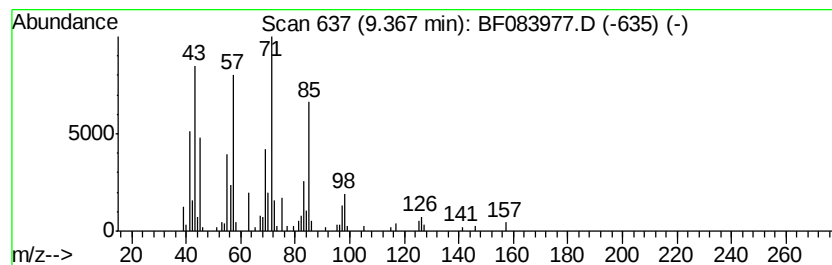
Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPH

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

Peak Number 13 10-Methylnonadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.37	4.60 ng	162635	Acenaphthene-d10		9.88
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	50
2	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	47
3	Tridecane	184	C13H28	000629-50-5	38
4	Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	35
5	Hexyl octyl ether	214	C14H30O	017071-54-4	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083977.D
Acq On : 20 Dec 2015 4:03
Operator : UM/SJ
Sample : G4838-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPH

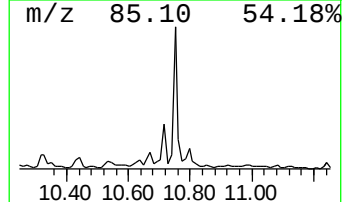
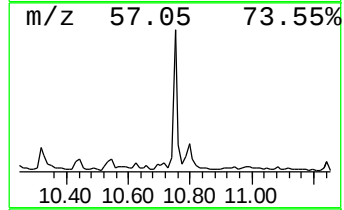
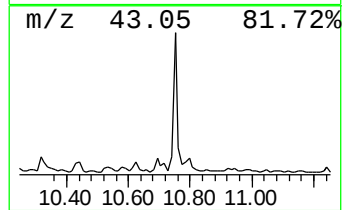
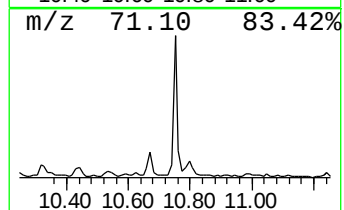
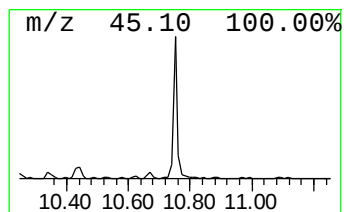
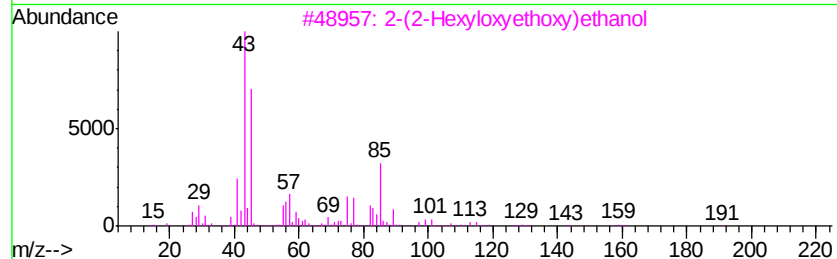
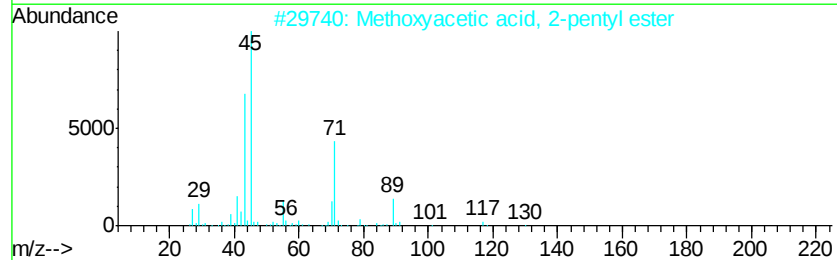
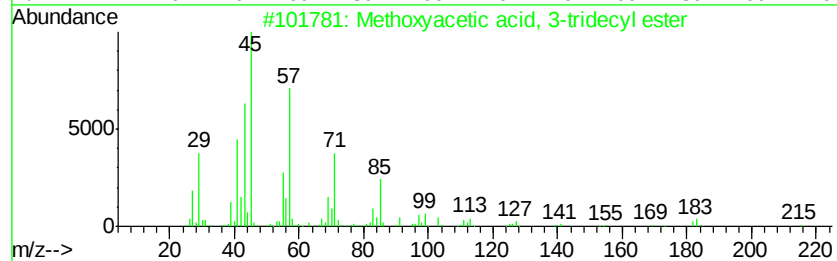
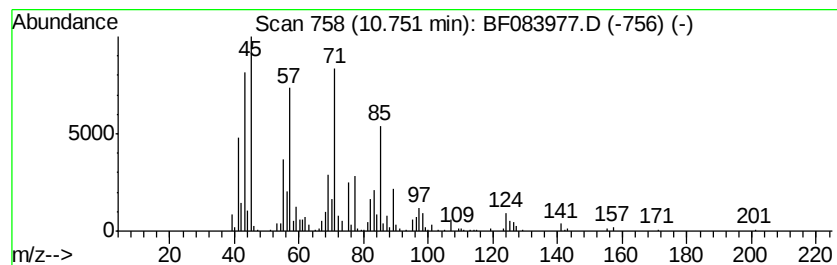
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Methoxyacetic acid, 3-tridecyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	15.74 ng	424170	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methoxvacetic acid, 3-tridecyl e...	272	C16H32O3	1000282-04-6	59
2		Methoxvacetic acid, 2-pentyl ester	160	C8H16O3	1000282-69-2	43
3		2-(2-Hexvloxyethoxy)ethanol	190	C10H22O3	000112-59-4	43
4		1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	35
5		2-Bromononane	206	C9H19Br	002216-35-5	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083977.D
Acq On : 20 Dec 2015 4:03
Operator : UM/SJ
Sample : G4838-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPH

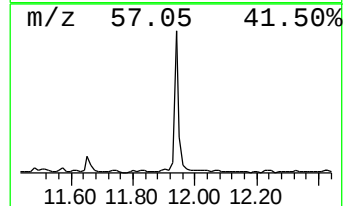
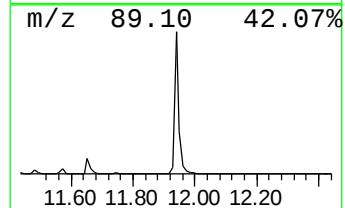
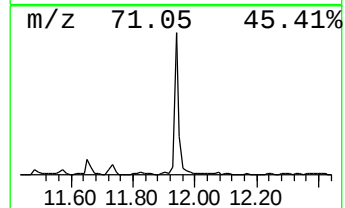
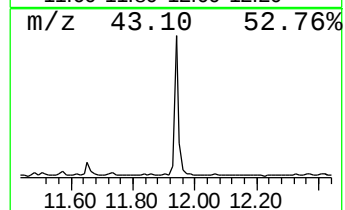
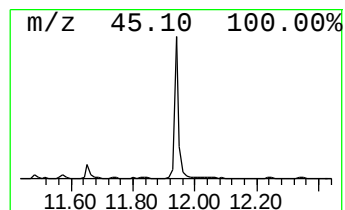
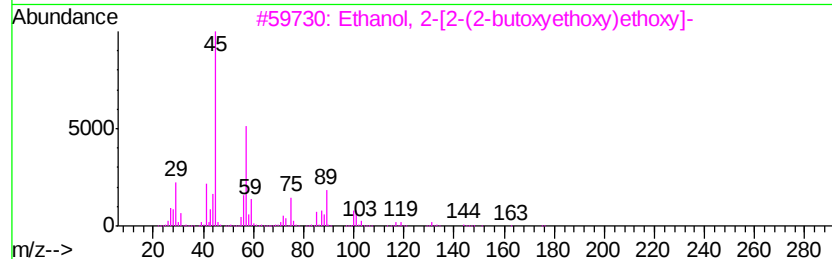
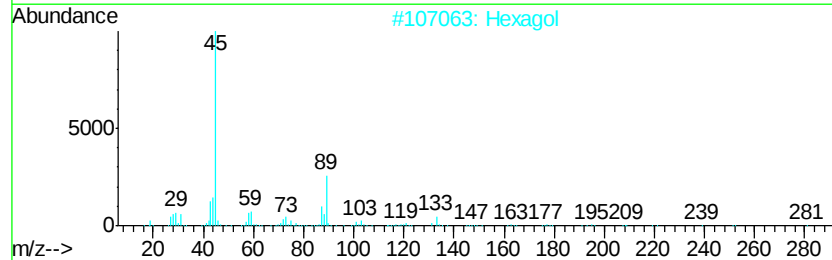
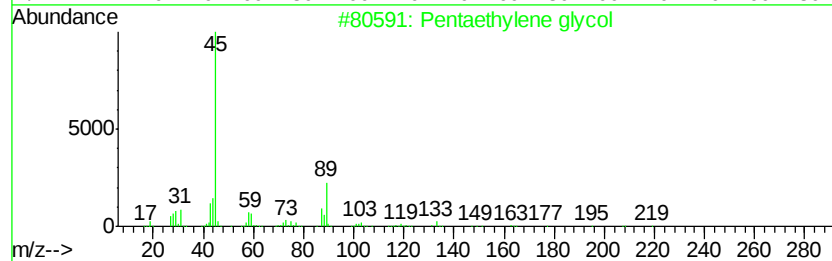
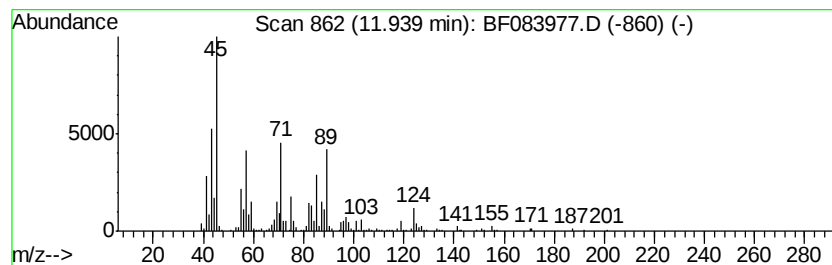
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentaethylene glycol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	19.25 ng	519046	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentaethylene glycol	238	C10H22O6	004792-15-8	52
2		Hexanol	282	C12H26O7	002615-15-8	50
3		Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	47
4		Heptaethylene glycol	326	C14H30O8	005617-32-3	46
5		Ethanol, 2,2'-[oxybis(2,1-ethane...	194	C8H18O5	000112-60-7	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083977.D
Acq On : 20 Dec 2015 4:03
Operator : UM/SJ
Sample : G4838-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPH

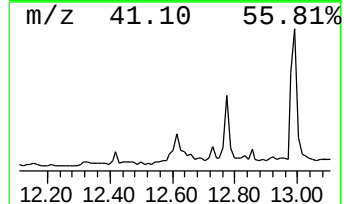
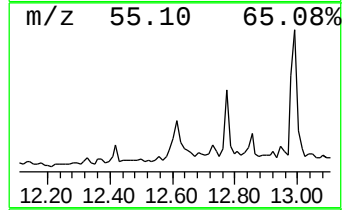
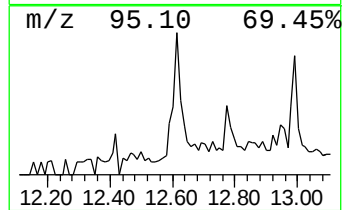
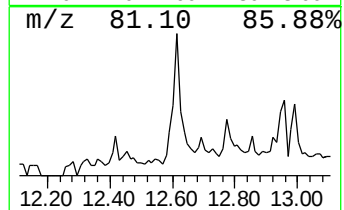
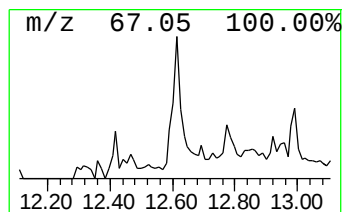
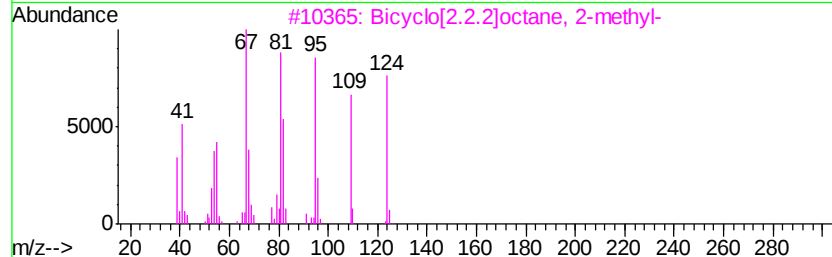
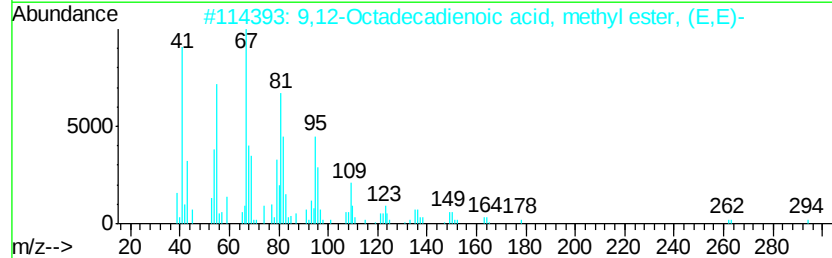
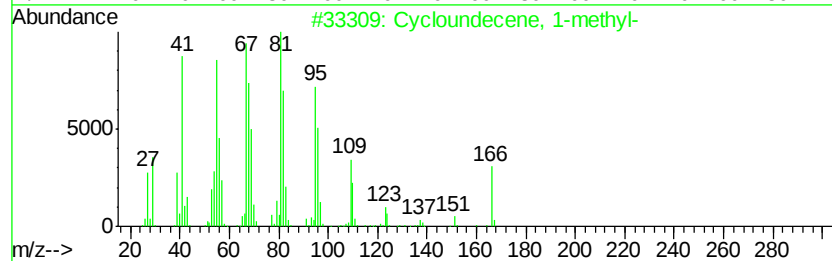
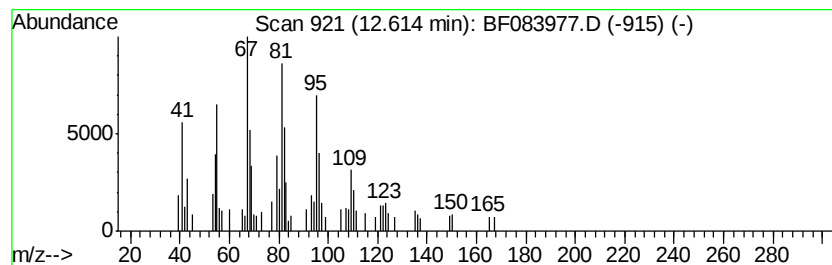
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cycloundecene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	5.23 ng	141031	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloundecene, 1-methyl-	166	C12H22	088828-82-4	80
2		9,12-Octadecadienoic acid, methyl...	294	C19H34O2	002566-97-4	68
3		Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	68
4		11,14-Eicosadienoic acid, methyl...	322	C21H38O2	002463-02-7	62
5		1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083977.D
Acq On : 20 Dec 2015 4:03
Operator : UM/SJ
Sample : G4838-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPH

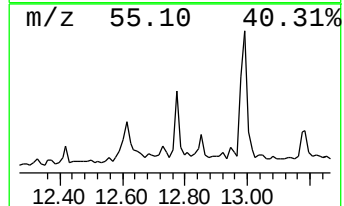
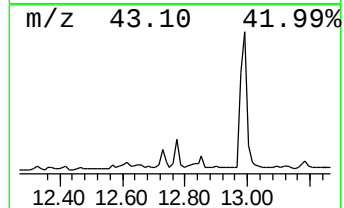
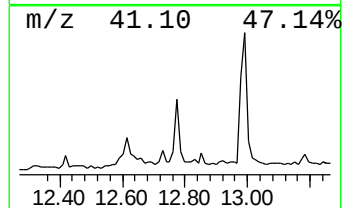
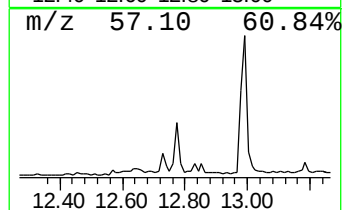
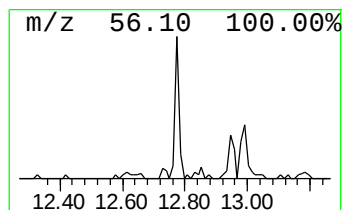
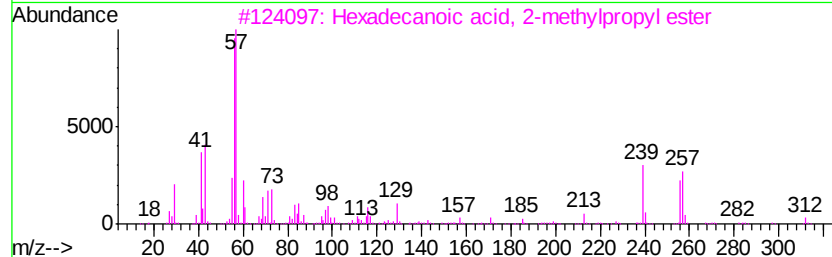
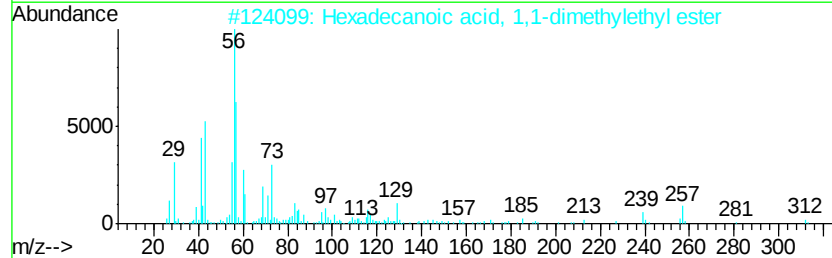
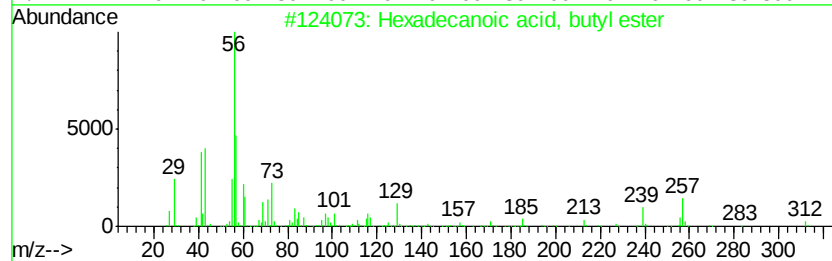
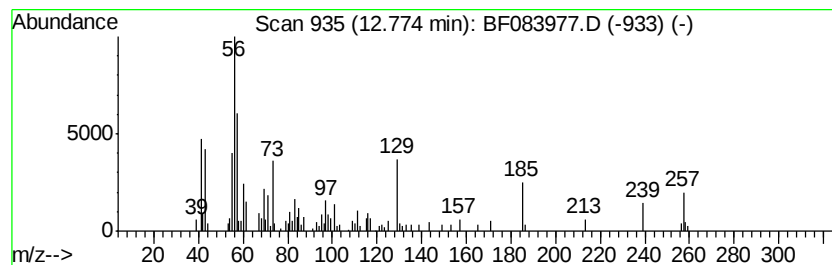
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecanoic acid, butyl ester Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	5.01 ng	100631	Chrysene-d12	14.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	80
2			Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	58
3			Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	50
4			7-Heptadecanol, 7-methyl-	270	C18H38O	055723-93-8	38
5			3-Amino-2,2-dimethyl-1-propanol	103	C5H13NO	026734-09-8	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083977.D
Acq On : 20 Dec 2015 4:03
Operator : UM/SJ
Sample : G4838-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPH

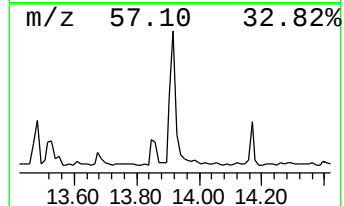
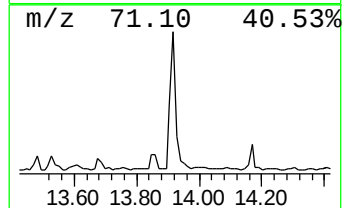
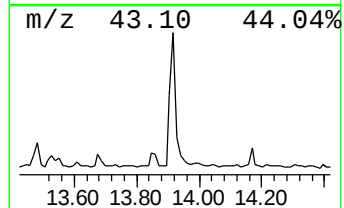
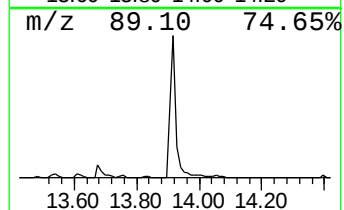
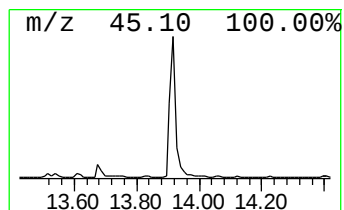
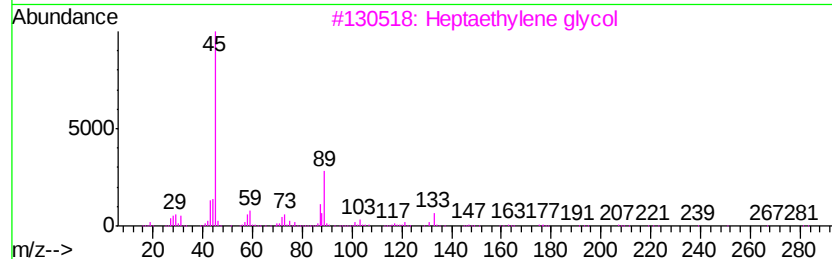
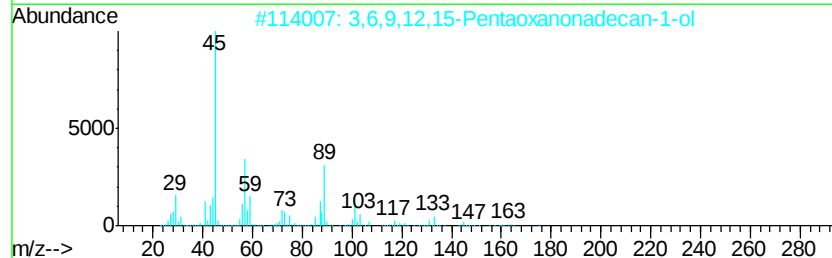
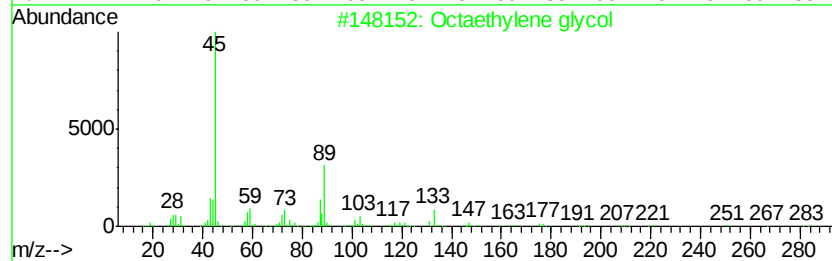
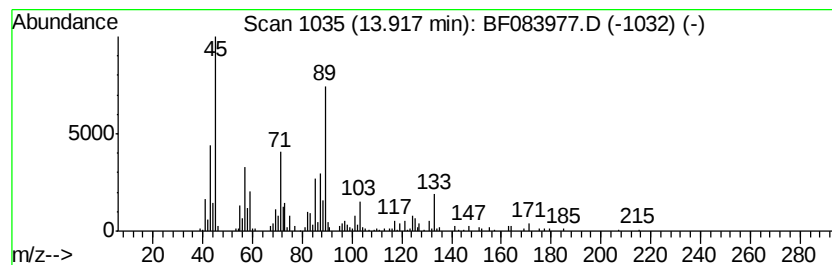
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octaethylene glycol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	18.17 ng	364939	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octaethylene glycol	370	C16H34O9	1000289-34-2	87
2		3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	86
3		Heptaethylene glycol	326	C14H30O8	005617-32-3	83
4		Hexadecol	282	C12H26O7	002615-15-8	83
5		3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083977.D
Acq On : 20 Dec 2015 4:03
Operator : UM/SJ
Sample : G4838-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPH

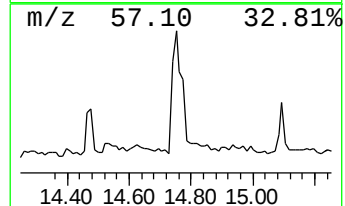
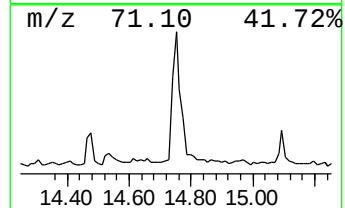
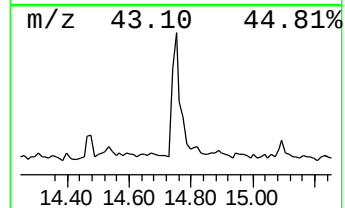
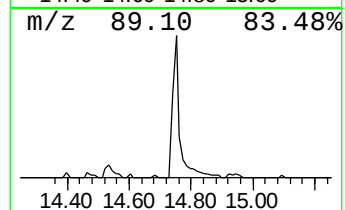
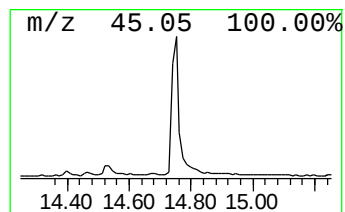
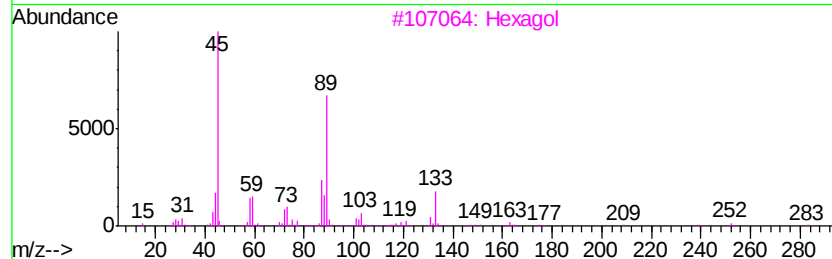
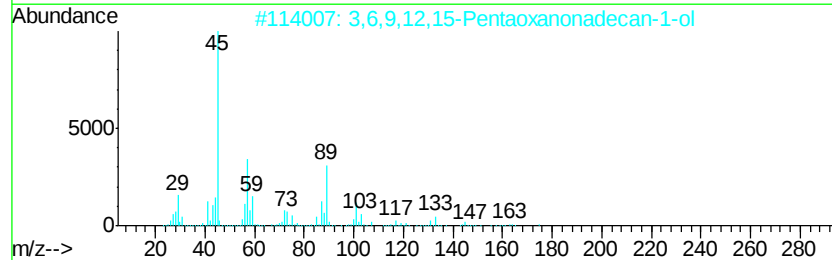
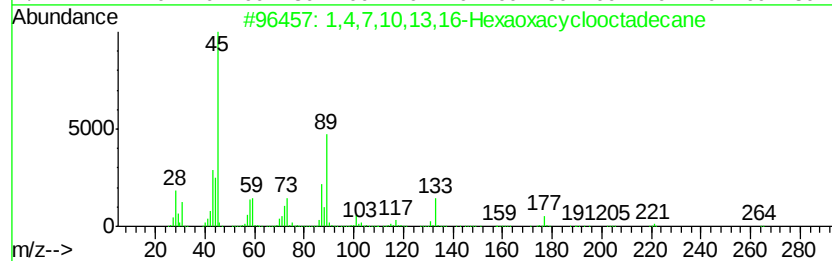
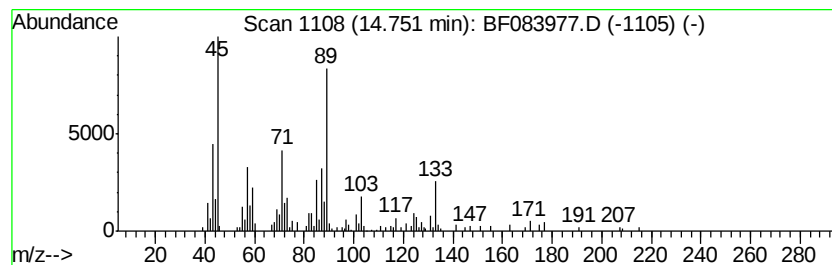
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,4,7,10,13,16-Hexaoxacyclo... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	10.78 ng	223344	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	80
2		3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	72
3		Hexadecol	282	C12H26O7	002615-15-8	72
4		Octaethylene glycol	370	C16H34O9	1000289-34-2	62
5		3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	56



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083977.D
Acq On : 20 Dec 2015 4:03
Operator : UM/SJ
Sample : G4838-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPH

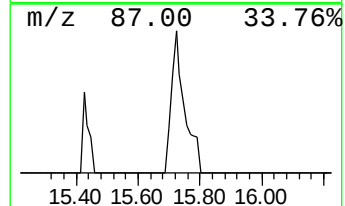
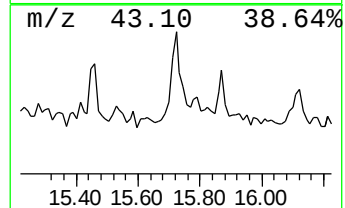
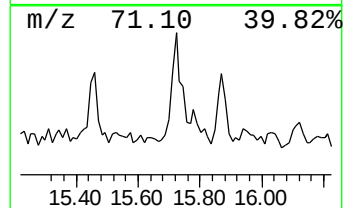
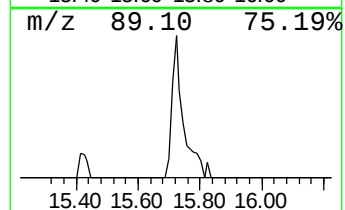
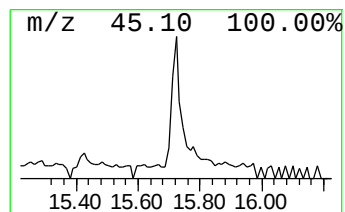
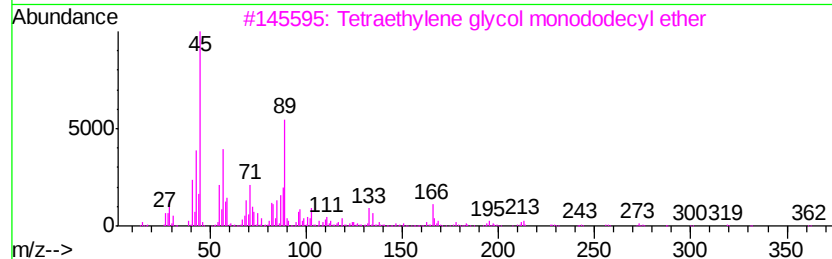
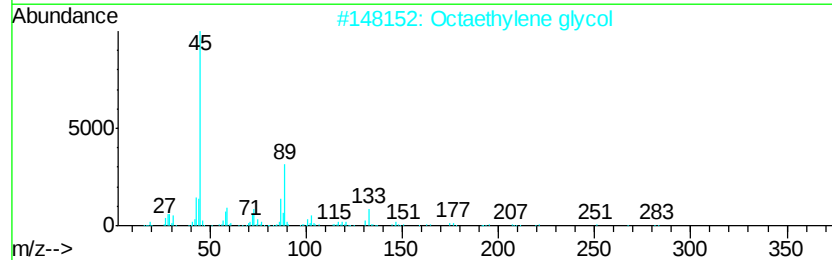
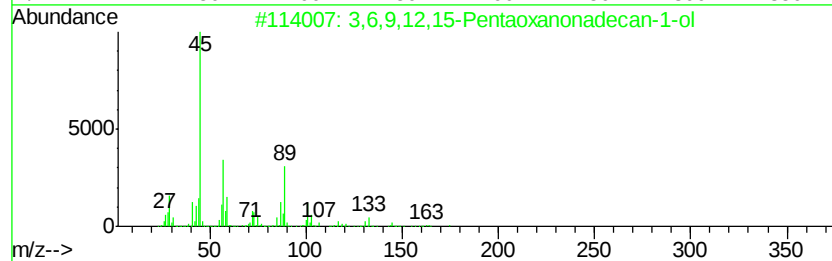
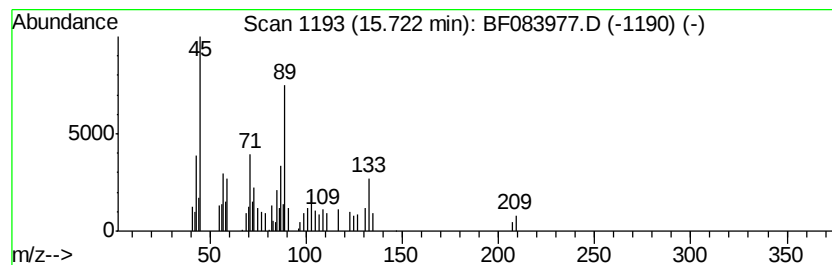
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3,6,9,12,15-Pentaoxanonadec... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	3.13 ng	64740	Perylene-d12	15.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	72		
2	Octaethylene glycol	370	C16H34O9	1000289-34-2	64		
3	Tetraethylene glycol monododecyl...	362	C20H42O5	005274-68-0	64		
4	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	64		
5	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	64		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
 Data File : BF083977.D
 Acq On : 20 Dec 2015 4:03
 Operator : UM/SJ
 Sample : G4838-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPH

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
3-Penten-2-one, 4...	4.38	37.8	ng	833549	1	6.85	441618	20.0
2-Pentanone, 4-hy...	5.04	21.4	ng	471631	1	6.85	441618	20.0
unknown6.62	6.62	100.0	ng	2207720	1	6.85	441618	20.0
Bicyclo[4.2.0]oct...	6.68	3.0	ng	67239	1	6.85	441618	20.0
1-Hexanol, 2-ethyl-	6.92	5.8	ng	128844	1	6.85	441618	20.0
Indene	7.10	22.4	ng	494715	1	6.85	441618	20.0
Heptanoic acid	7.24	7.9	ng	174952	1	6.85	441618	20.0
Octanoic Acid	7.90	3.4	ng	332811	2	8.13	1988450	20.0
10-Methylnonadecane	9.37	4.6	ng	162635	3	9.88	707878	20.0
Methoxyacetic aci...	10.75	15.7	ng	424170	4	11.37	539133	20.0
Pentaethylene glycol	11.94	19.3	ng	519046	4	11.37	539133	20.0
Cycloundecene, 1-...	12.61	5.2	ng	141031	4	11.37	539133	20.0
Hexadecanoic acid...	12.77	5.0	ng	100631	5	14.00	401707	20.0
Octaethylene glycol	13.92	18.2	ng	364939	5	14.00	401707	20.0
1,4,7,10,13,16-He...	14.75	10.8	ng	223344	6	15.44	414220	20.0
3,6,9,12,15-Penta...	15.72	3.1	ng	64740	6	15.44	414220	20.0