

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
 Data File : BF098042.D
 Acq On : 25 Aug 2017 20:46
 Operator : SJ/JU
 Sample : I4943-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-082317

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-BF081517.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	3.122	170	176	195	rBV	132076	310377	8.72%	0.999%
2	4.939	481	485	496	rVB	207100	321045	9.02%	1.033%
3	5.351	549	555	558	rBV	3077058	3335902	93.74%	10.733%
4	6.380	724	730	734	rBV	2995579	3558663	100.00%	11.450%
5	6.510	747	752	755	rBV	3324584	3266846	91.80%	10.511%
6	6.739	787	791	794	rBV	998863	810674	22.78%	2.608%
7	6.898	813	818	821	rBV	2660081	2531668	71.14%	8.145%
8	7.304	881	887	890	rBV	2174823	2168455	60.93%	6.977%
9	8.022	1004	1009	1012	rBV	1232391	1039287	29.20%	3.344%
10	9.098	1187	1192	1195	rBV	3533610	3371001	94.73%	10.846%
11	9.492	1255	1259	1263	rBV	512913	427470	12.01%	1.375%
12	9.710	1293	1296	1300	rVB	53369	40277	1.13%	0.130%
13	9.774	1300	1307	1310	rBV	1046786	1008089	28.33%	3.243%
14	10.210	1377	1381	1384	rVB	75271	60853	1.71%	0.196%
15	10.315	1396	1399	1405	rVB2	45784	45857	1.29%	0.148%
16	10.557	1435	1440	1453	rBV	1676115	1670036	46.93%	5.373%
17	10.680	1458	1461	1468	rVV	99876	105212	2.96%	0.339%
18	11.127	1534	1537	1539	rBV	61966	51917	1.46%	0.167%
19	11.157	1539	1542	1547	rVB2	33149	43928	1.23%	0.141%
20	11.251	1554	1558	1560	rBV	983077	833064	23.41%	2.680%
21	11.274	1560	1562	1565	rVV	194883	149416	4.20%	0.481%
22	11.327	1565	1571	1574	rVB	51857	60333	1.70%	0.194%
23	11.480	1592	1597	1600	rBV2	43250	55269	1.55%	0.178%
24	11.751	1640	1643	1646	rBV2	32814	37166	1.04%	0.120%
25	11.780	1646	1648	1652	rVB	43500	36174	1.02%	0.116%
26	11.862	1658	1662	1664	rBV	64998	66313	1.86%	0.213%
27	11.957	1675	1678	1681	rBV2	38032	37323	1.05%	0.120%
28	12.304	1734	1737	1740	rBV	172397	174636	4.91%	0.562%
29	12.351	1740	1745	1749	rVB4	52831	88346	2.48%	0.284%
30	12.457	1760	1763	1766	rVB	192093	169821	4.77%	0.546%
31	12.686	1797	1802	1805	rBV	207233	205973	5.79%	0.663%
32	12.715	1805	1807	1811	rVB2	40189	42228	1.19%	0.136%
33	12.839	1824	1828	1831	rBV	2399762	2245670	63.10%	7.225%
34	13.015	1856	1858	1861	rVB	54171	44151	1.24%	0.142%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082517\
Data File : BF098042.D
Acq On : 25 Aug 2017 20:46
Operator : SJ/JU
Sample : I4943-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-082317

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-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.074	1866	1868	1872	rVB2	67009	71769	2.02%	0.231%
36	13.121	1873	1876	1880	rBV2	31566	39980	1.12%	0.129%
37	13.286	1901	1904	1907	rVB3	53571	62440	1.75%	0.201%
38	13.415	1924	1926	1928	rBV2	58521	47936	1.35%	0.154%
39	13.739	1978	1981	1990	rVB2	277263	357589	10.05%	1.151%
40	13.886	2001	2006	2008	rBV	764127	825627	23.20%	2.656%
41	14.062	2034	2036	2040	rVB2	88907	72914	2.05%	0.235%
42	14.368	2085	2088	2092	rBV2	129442	186344	5.24%	0.600%
43	14.662	2136	2138	2140	rBV2	93804	88604	2.49%	0.285%
44	15.303	2243	2247	2251	rBV	457415	547993	15.40%	1.763%
45	15.968	2357	2360	2373	rVB2	174979	366259	10.29%	1.178%

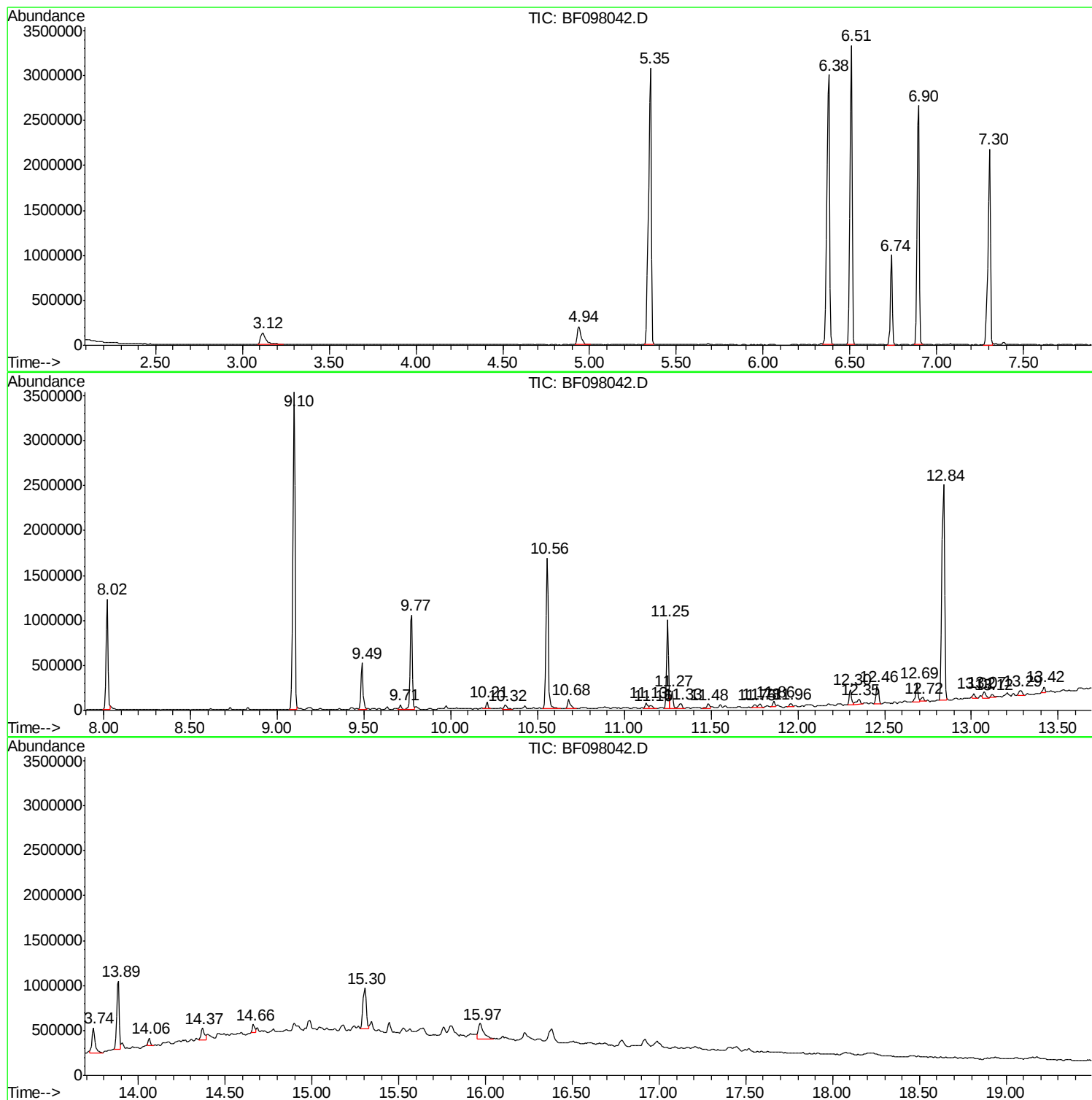
Sum of corrected areas: 31080895

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082517\
Data File : BF098042.D
Acq On : 25 Aug 2017 20:46
Operator : SJ/JU
Sample : I4943-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-082317

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
Data File : BF098042.D
Acq On : 25 Aug 2017 20:46
Operator : SJ/JU
Sample : I4943-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-082317

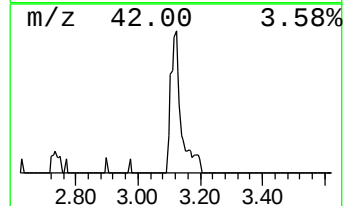
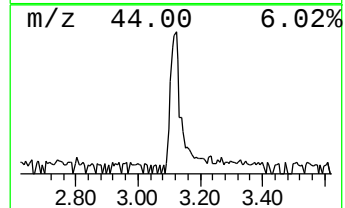
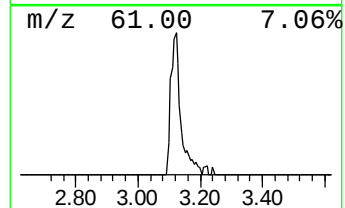
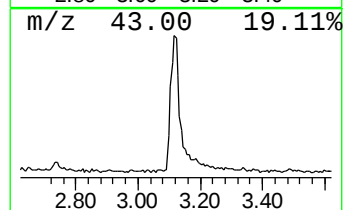
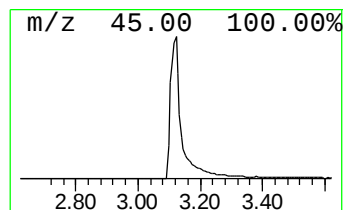
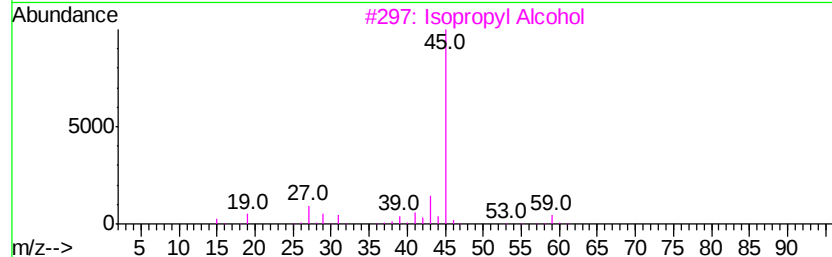
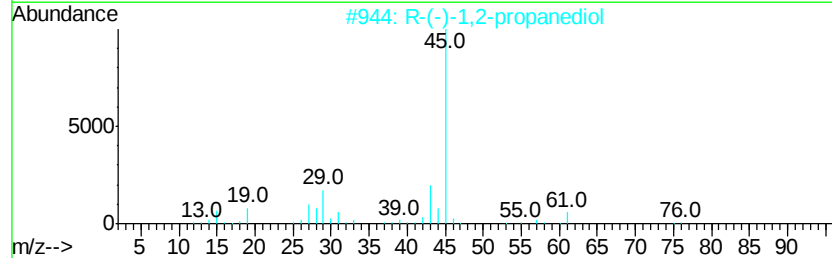
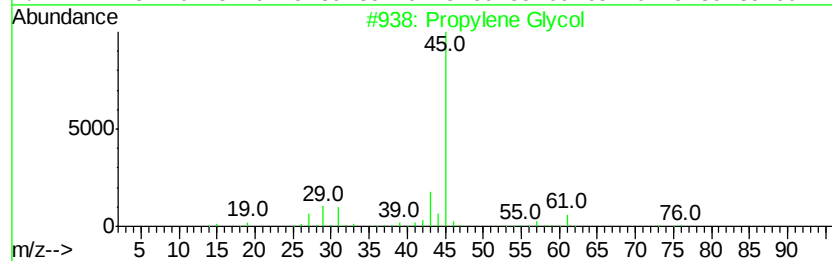
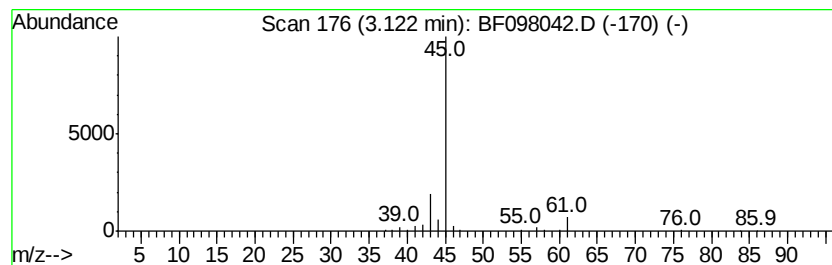
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propylene Glycol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	7.66 ng	310377	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propylene Glycol	76	C3H8O2	000057-55-6	86
2		R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	83
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	80
4		(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	43
5		2-Pentanol	88	C5H12O	006032-29-7	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082517\
Data File : BF098042.D
Acq On : 25 Aug 2017 20:46
Operator : SJ/JU
Sample : I4943-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-082317

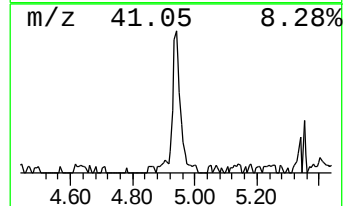
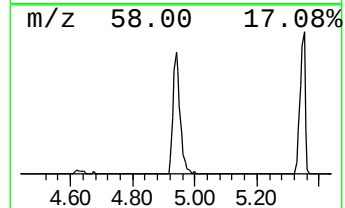
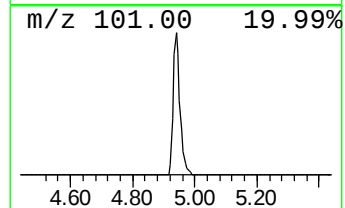
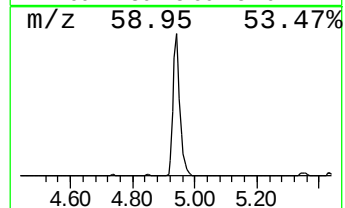
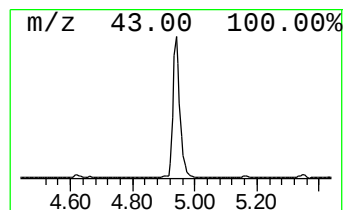
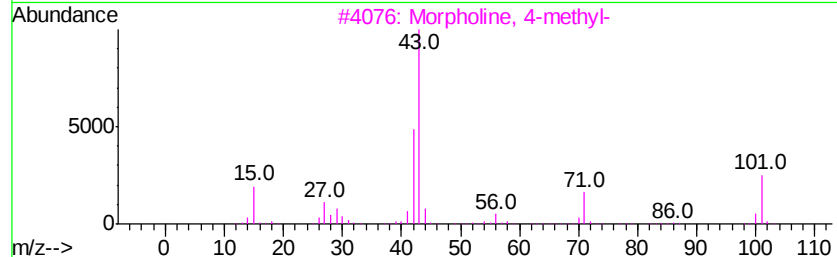
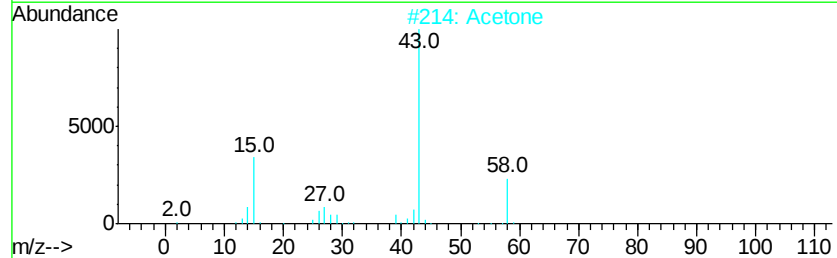
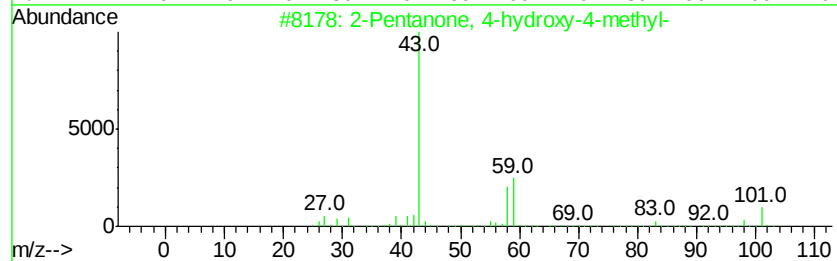
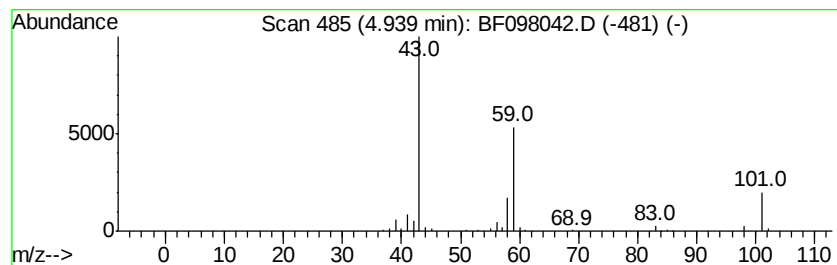
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	7.92 ng	321045	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		Acetone	58	C3H6O	000067-64-1	10
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082517\
Data File : BF098042.D
Acq On : 25 Aug 2017 20:46
Operator : SJ/JU
Sample : I4943-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-082317

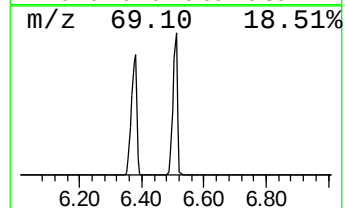
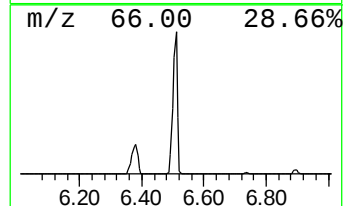
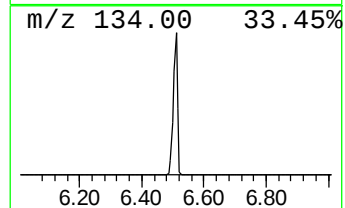
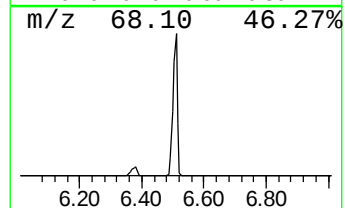
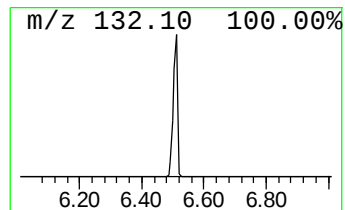
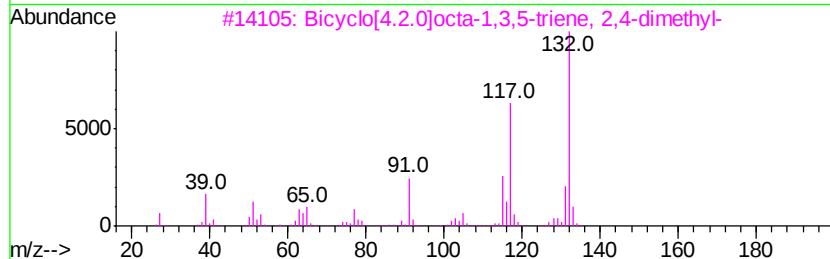
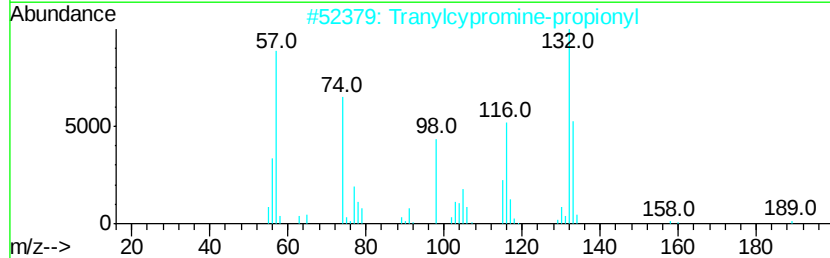
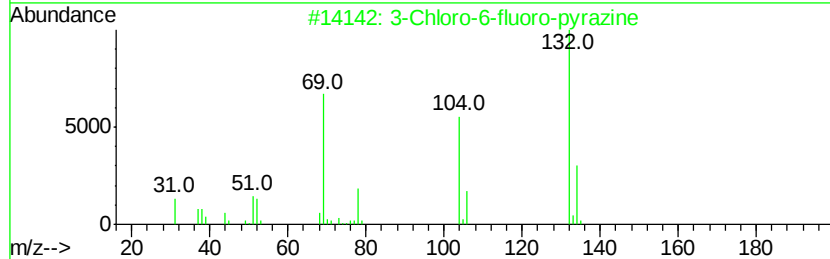
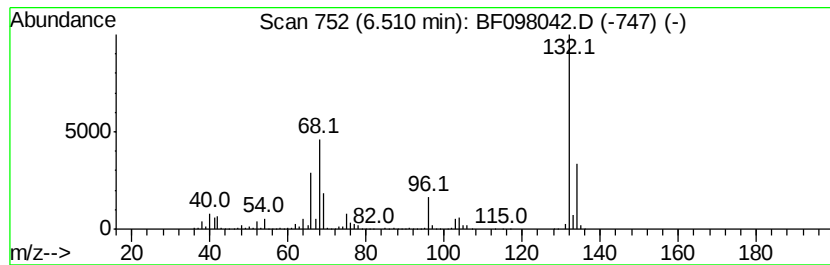
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	80.60 ng	3266850	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
Data File : BF098042.D
Acq On : 25 Aug 2017 20:46
Operator : SJ/JU
Sample : I4943-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-082317

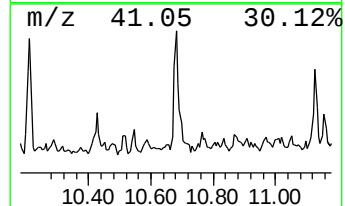
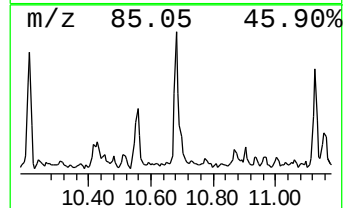
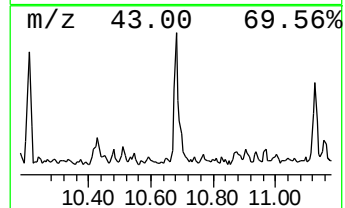
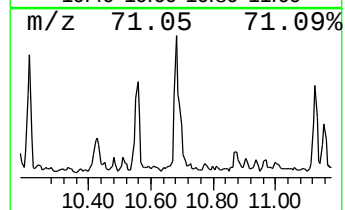
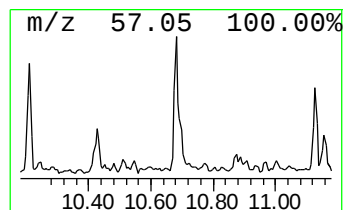
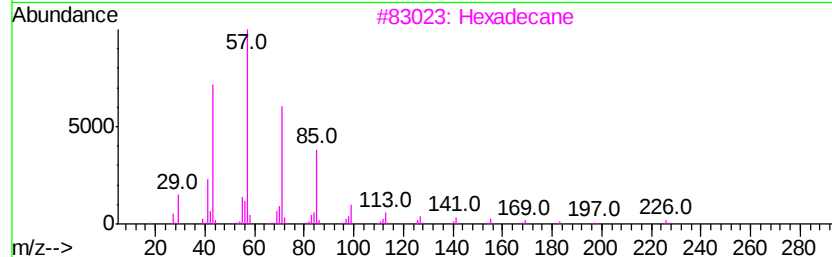
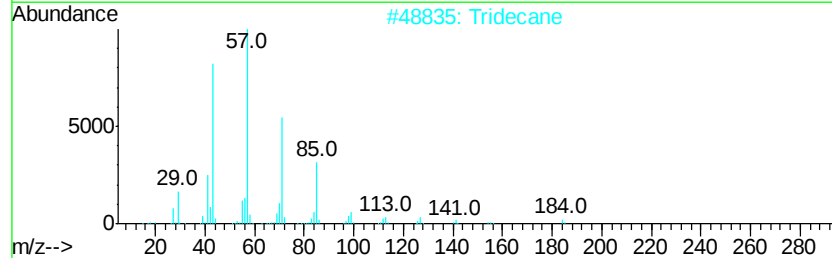
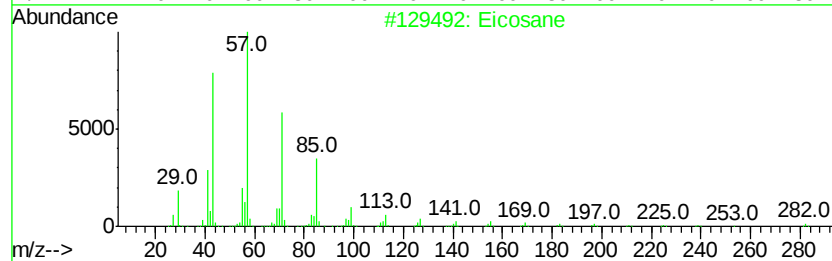
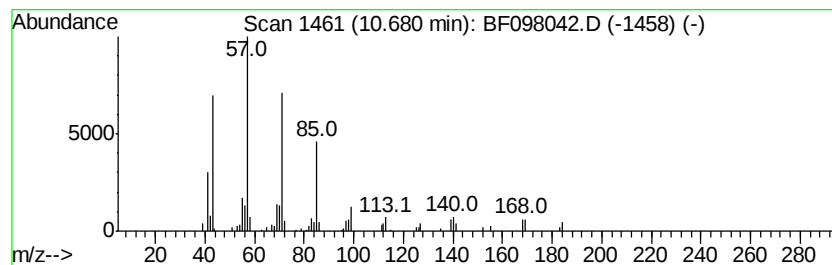
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	2.53 ng	105212	Phenanthrene-d10	11.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	83
2	Tridecane		184	C13H28	000629-50-5	81
3	Hexadecane		226	C16H34	000544-76-3	80
4	9-methylheptadecane		254	C18H38	026741-18-4	80
5	Heneicosane		296	C21H44	000629-94-7	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082517\
Data File : BF098042.D
Acq On : 25 Aug 2017 20:46
Operator : SJ/JU
Sample : I4943-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

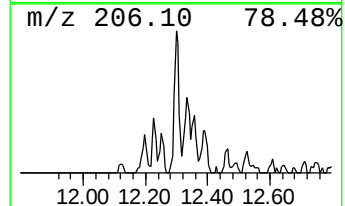
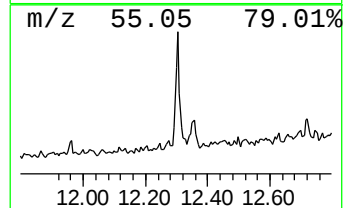
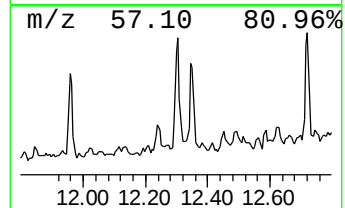
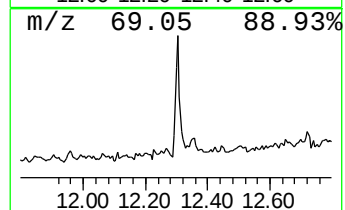
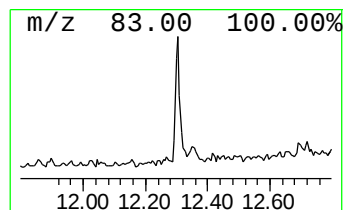
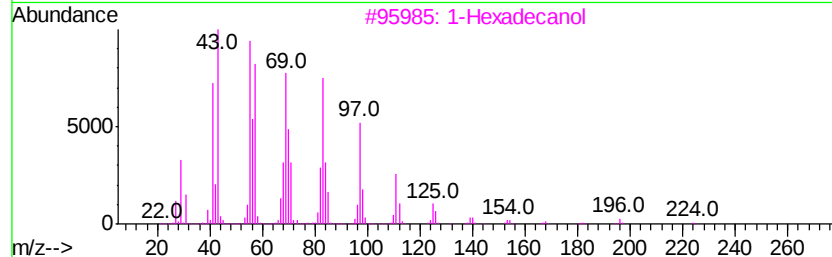
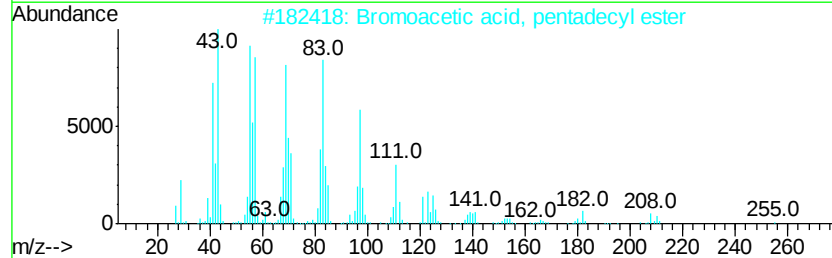
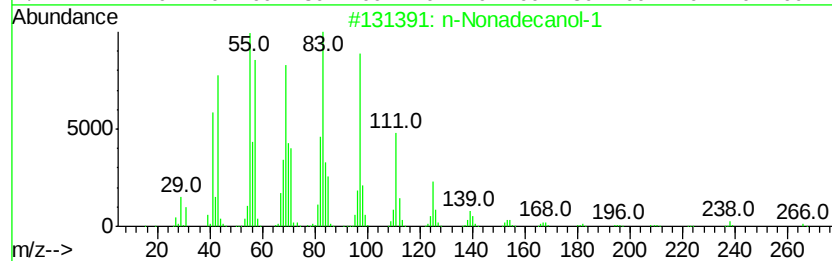
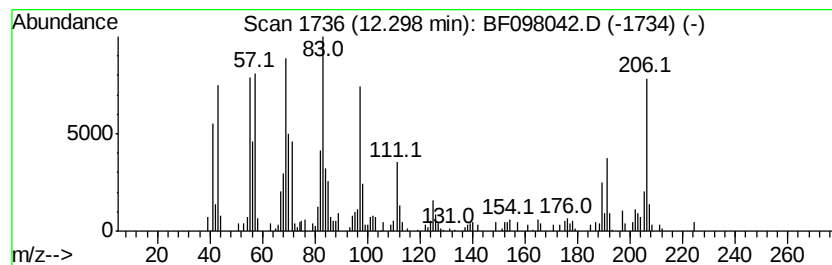
Instrument :
BNA_F
ClientSampleId :
OR-01-082317

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Nonadecanol-1 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	4.19 ng	174636	Phenanthrene-d10	11.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Nonadecanol-1	284 C19H40O	001454-84-8	81
2	Bromoacetic acid, pentadecyl ester	348 C17H33BrO2	131143-01-6	81
3	1-Hexadecanol	242 C16H34O	036653-82-4	81
4	n-Pentadecanol	228 C15H32O	000629-76-5	76
5	9-Octadecene, (E)-	252 C18H36	007206-25-9	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
Data File : BF098042.D
Acq On : 25 Aug 2017 20:46
Operator : SJ/JU
Sample : I4943-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

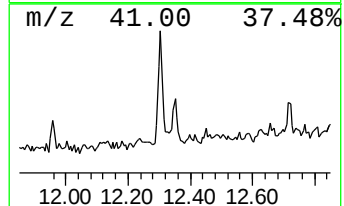
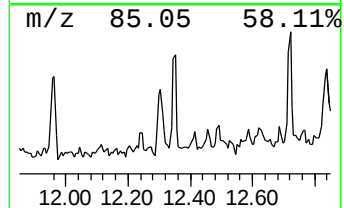
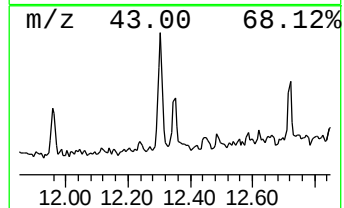
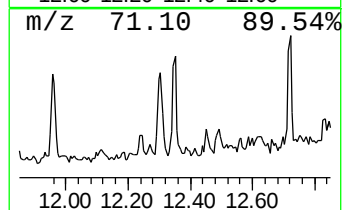
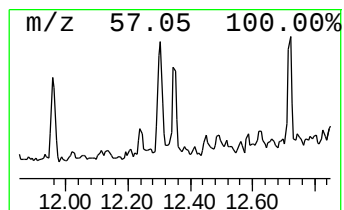
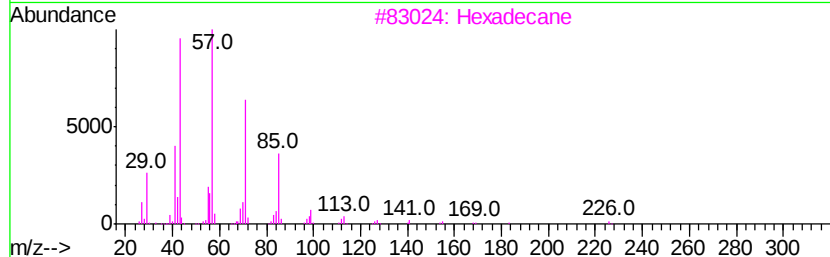
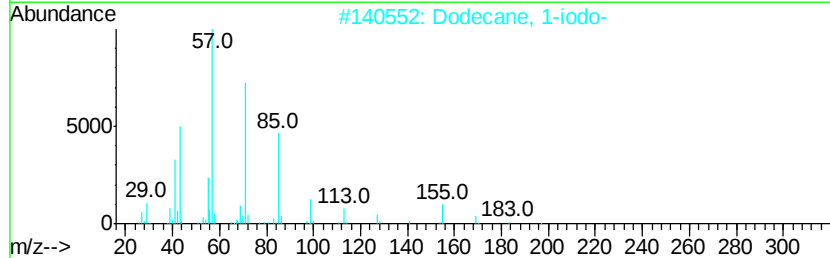
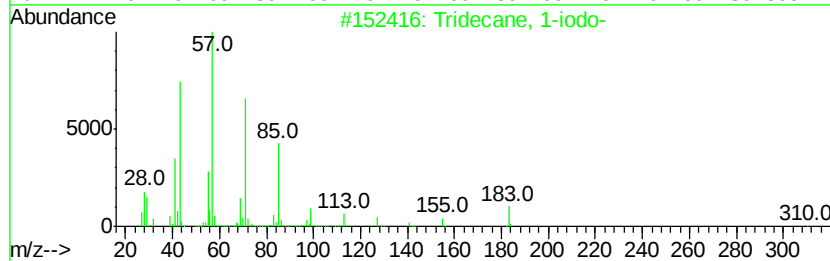
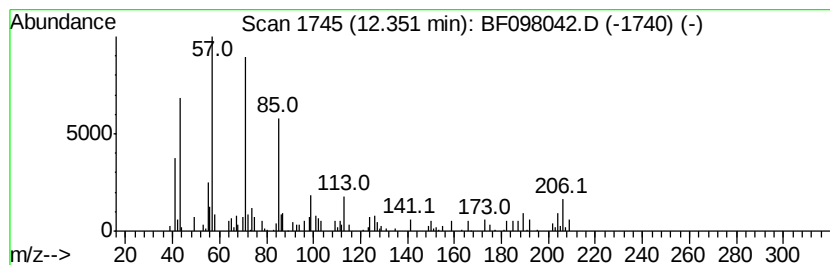
Instrument :
BNA_F
ClientSampleId :
OR-01-082317

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane, 1-iodo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.35	2.12 ng	88346	Phenanthrene-d10		11.25
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	59
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59
3	Hexadecane	226	C16H34	000544-76-3	59
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	58
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
Data File : BF098042.D
Acq On : 25 Aug 2017 20:46
Operator : SJ/JU
Sample : I4943-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

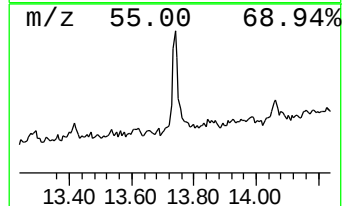
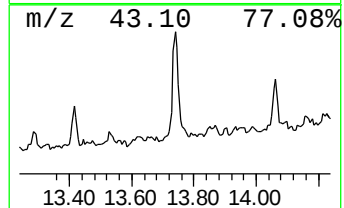
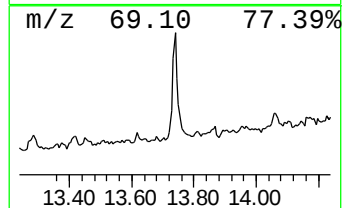
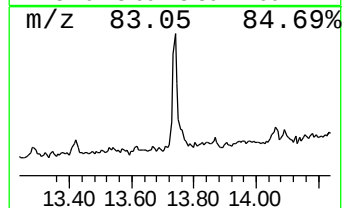
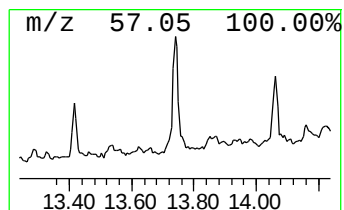
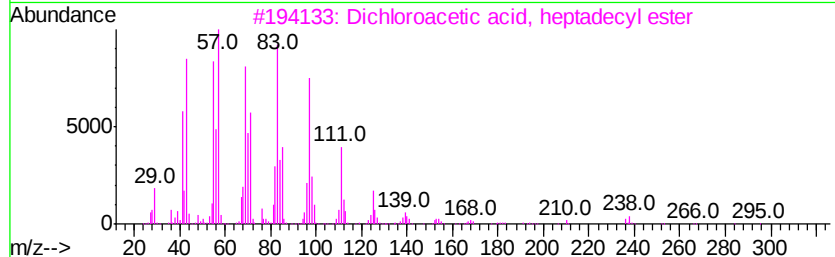
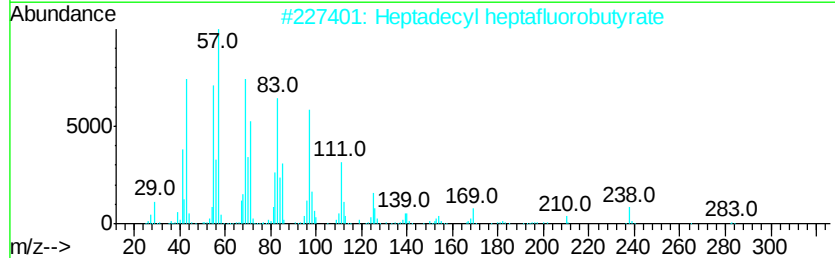
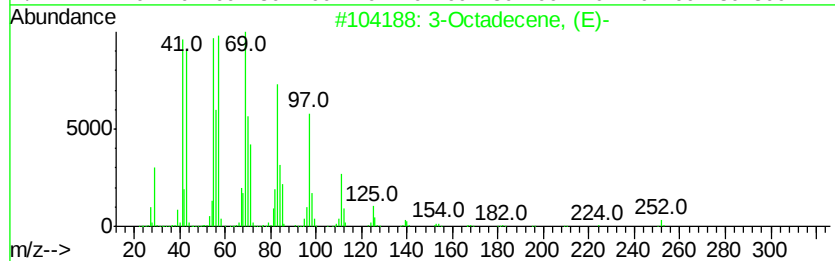
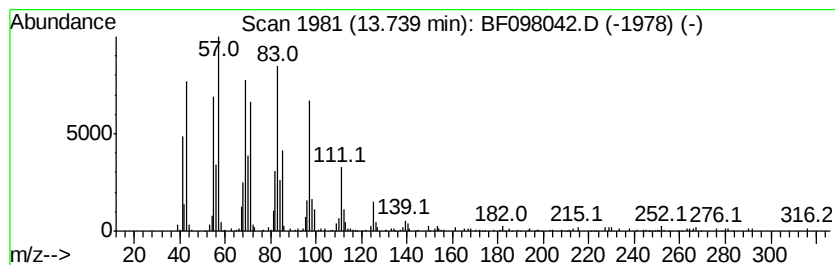
Instrument :
BNA_F
ClientSampleId :
OR-01-082317

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 3-Octadecene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	8.66 ng	357589	Chrysene-d12	13.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		3-Octadecene, (E)-	252 C18H36	007206-19-1 95
2		Heptadecyl heptafluorobutyrate	452 C21H35F7O2	959085-66-6 94
3		Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2 91
4		1-Heneicosyl formate	340 C22H44O2	077899-03-7 91
5		Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1 91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082517\
Data File : BF098042.D
Acq On : 25 Aug 2017 20:46
Operator : SJ/JU
Sample : I4943-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-082317

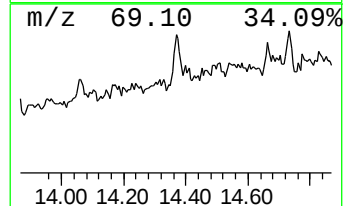
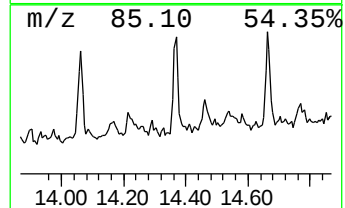
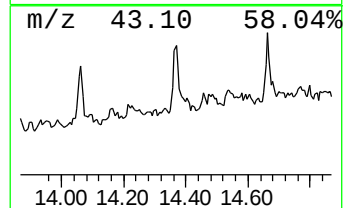
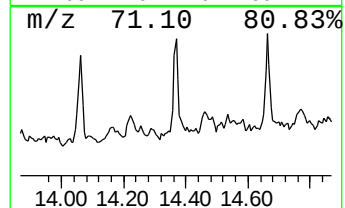
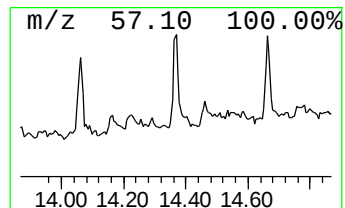
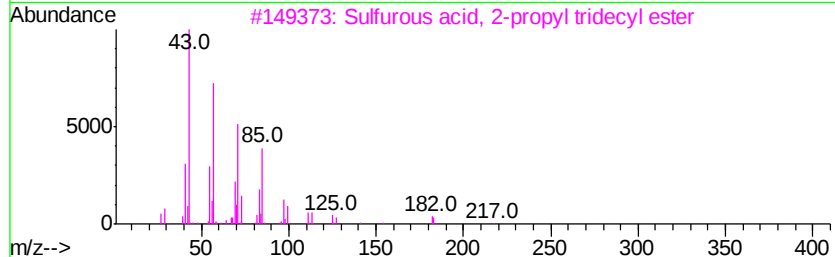
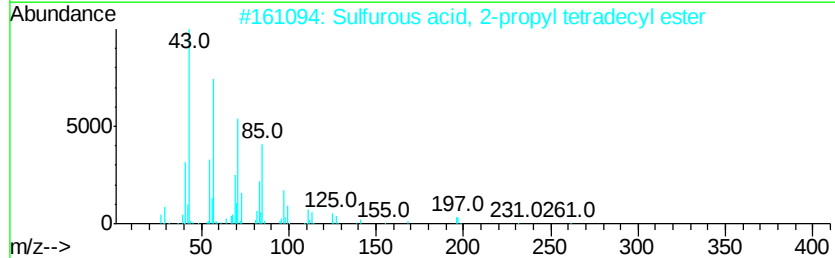
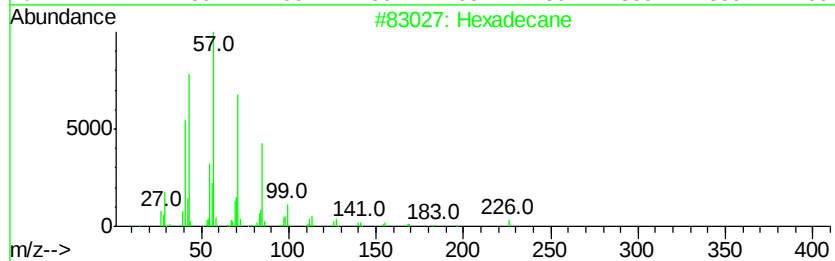
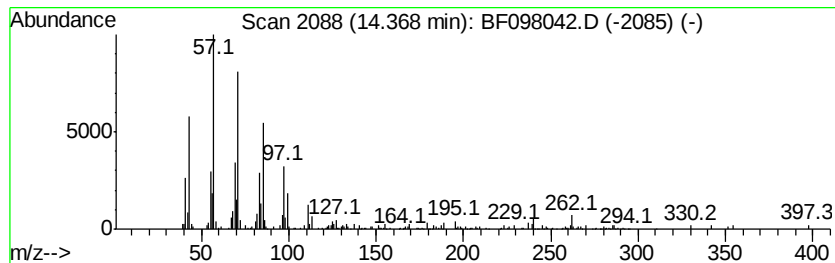
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	4.51 ng	186344	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	89
2		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	86
3		Sulfurous acid, 2-propyl tridecv...	306	C16H34O3S	1000309-12-4	86
4		Tetradecane	198	C14H30	000629-59-4	86
5		10-Methylnonadecane	282	C20H42	056862-62-5	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082517\
Data File : BF098042.D
Acq On : 25 Aug 2017 20:46
Operator : SJ/JU
Sample : I4943-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-082317

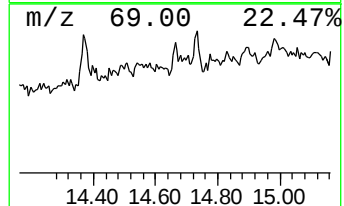
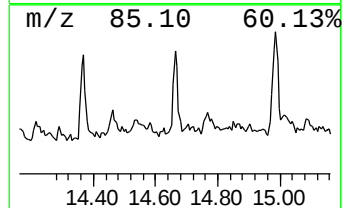
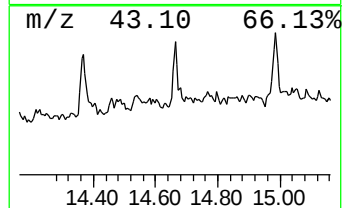
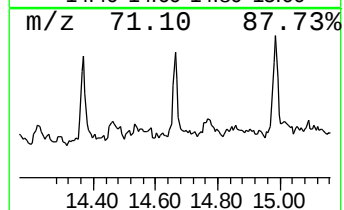
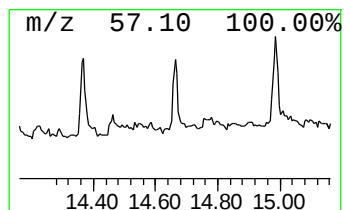
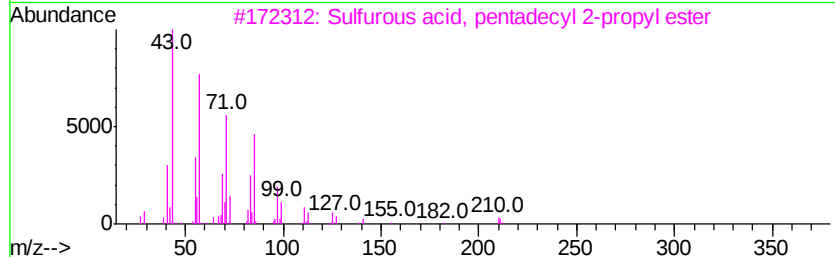
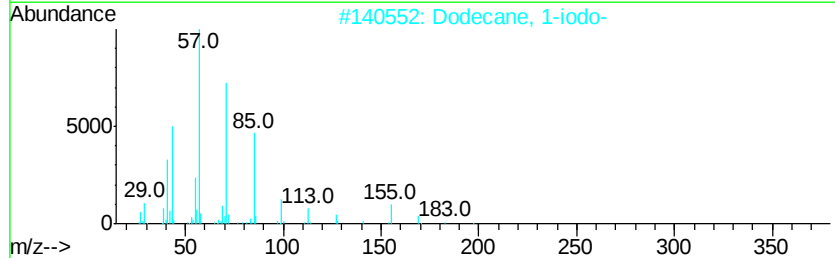
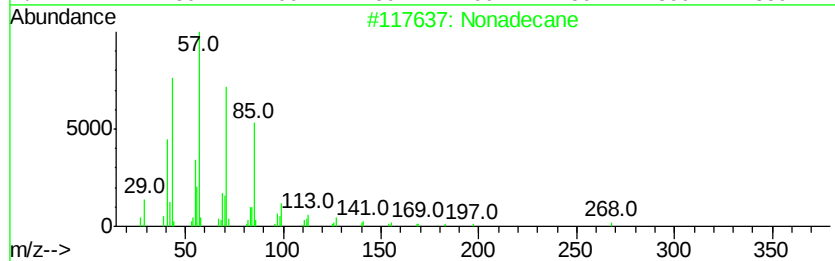
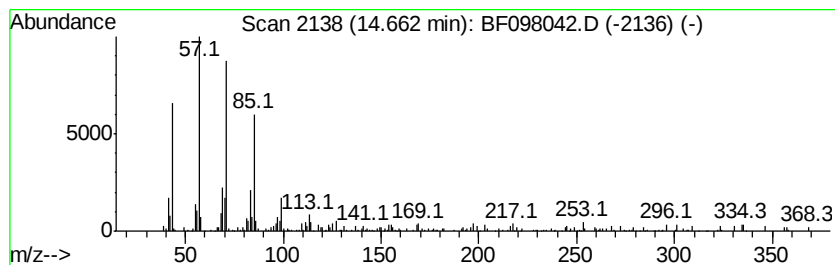
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	3.23 ng	88604	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	72
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
3		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	64
4		Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	53
5		Sulfurous acid, octadecyl pentyl...	404	C23H48O3S	1000309-15-0	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
Data File : BF098042.D
Acq On : 25 Aug 2017 20:46
Operator : SJ/JU
Sample : I4943-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

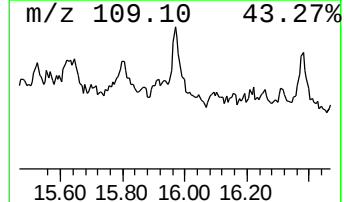
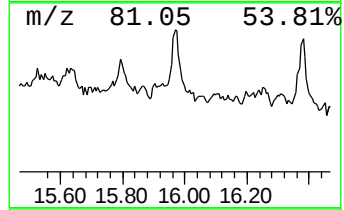
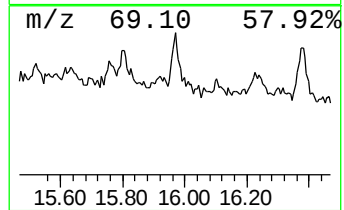
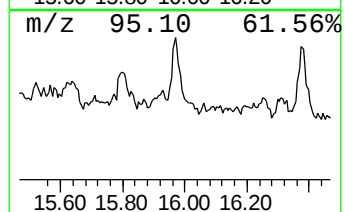
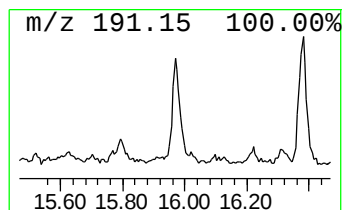
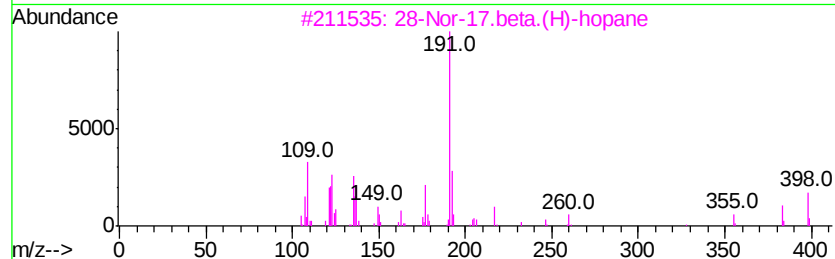
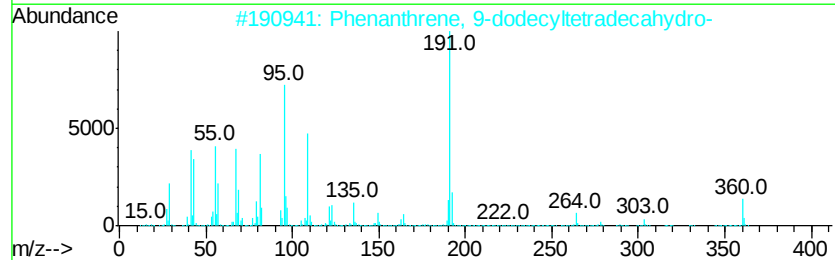
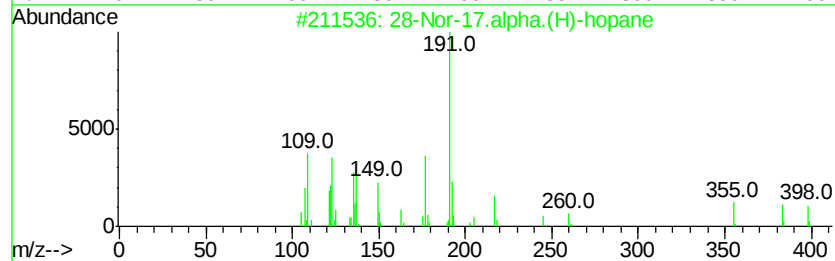
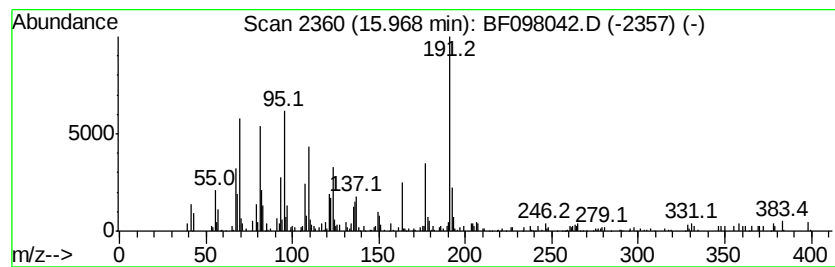
Instrument :
BNA_F
ClientSampleId :
OR-01-082317

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 28-Nor-17.alpha.(H)-hopane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	13.37 ng	366259	Perylene-d12	15.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	28-Nor-17.alpha.(H)-hopane	398 C29H50	053584-60-4	72
2	Phenanthrene, 9-dodecyltetradeca...	360 C26H48	055334-01-5	70
3	28-Nor-17.beta.(H)-hopane	398 C29H50	036728-72-0	70
4	.beta.-iso-Methyl ionone	206 C14H22O	1000285-40-2	70
5	Anthracene, 9-dodecyltetradeca...	360 C26H48	055401-75-7	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082517\
 Data File : BF098042.D
 Acq On : 25 Aug 2017 20:46
 Operator : SJ/JU
 Sample : I4943-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-082317

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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
Propylene Glycol	3.12	7.7	ng	310377	1	6.74	810674	20.0
2-Pentanone, 4-hy...	4.94	7.9	ng	321045	1	6.74	810674	20.0
unknown6.51	6.51	80.6	ng	3266850	1	6.74	810674	20.0
Eicosane	10.68	2.5	ng	105212	4	11.25	833064	20.0
n-Nonadecanol-1	12.30	4.2	ng	174636	4	11.25	833064	20.0
Tridecane, 1-iodo-	12.35	2.1	ng	88346	4	11.25	833064	20.0
3-Octadecene, (E)-	13.74	8.7	ng	357589	5	13.89	825627	20.0
Hexadecane	14.37	4.5	ng	186344	5	13.89	825627	20.0
Nonadecane	14.66	3.2	ng	88604	6	15.30	547993	20.0
28-Nor-17.alpha.(...	15.97	13.4	ng	366259	6	15.30	547993	20.0