

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF110417\
 Data File : BF100193.D
 Acq On : 4 Nov 2017 21:51
 Operator : SJ/JU
 Sample : I6313-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF018-01

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-BF102317.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	3.769	282	286	308	rBV	163848	296183	16.12%	1.820%
2	4.981	490	492	511	rBV	109540	199635	10.86%	1.227%
3	5.392	559	562	590	rBV	869800	1367265	74.40%	8.402%
4	6.416	733	736	754	rBV	1106835	1425455	77.57%	8.759%
5	6.539	754	757	775	rVB	1512086	1549834	84.33%	9.524%
6	6.763	792	795	808	rBV	524423	488121	26.56%	3.000%
7	6.916	818	821	842	rBV	1275172	1184032	64.43%	7.276%
8	7.334	889	892	914	rBV	773958	869216	47.30%	5.341%
9	8.045	1010	1013	1036	rBV	735105	695646	37.85%	4.275%
10	9.116	1191	1195	1206	rBV	2131352	1837747	100.00%	11.293%
11	9.516	1260	1263	1279	rBB	117126	114512	6.23%	0.704%
12	9.798	1307	1311	1325	rVB	850077	811387	44.15%	4.986%
13	10.592	1443	1446	1459	rBV	1059734	1026080	55.83%	6.305%
14	11.286	1561	1564	1577	rBV	798238	837303	45.56%	5.145%
15	11.804	1649	1652	1662	rBV	79486	83985	4.57%	0.516%
16	12.586	1782	1785	1789	rBV2	21849	26677	1.45%	0.164%
17	12.868	1829	1833	1836	rBV	2050082	1797192	97.79%	11.044%
18	13.739	1978	1981	1989	rBV	136037	152786	8.31%	0.939%
19	13.939	2012	2015	2024	rBV	641438	635579	34.58%	3.906%
20	14.657	2133	2137	2141	rBV2	37622	42833	2.33%	0.263%
21	14.980	2189	2192	2196	rVB	36973	35410	1.93%	0.218%
22	15.339	2249	2253	2259	rBV	57791	66815	3.64%	0.411%
23	15.398	2259	2263	2277	rVB	321205	458097	24.93%	2.815%
24	15.751	2318	2323	2327	rBV	44762	65829	3.58%	0.405%
25	16.227	2398	2404	2411	rBV2	40683	70820	3.85%	0.435%
26	16.774	2493	2497	2506	rVB5	26830	52618	2.86%	0.323%
27	17.433	2604	2609	2617	rVB3	20716	47577	2.59%	0.292%
28	18.215	2735	2742	2750	rVB6	12359	34670	1.89%	0.213%

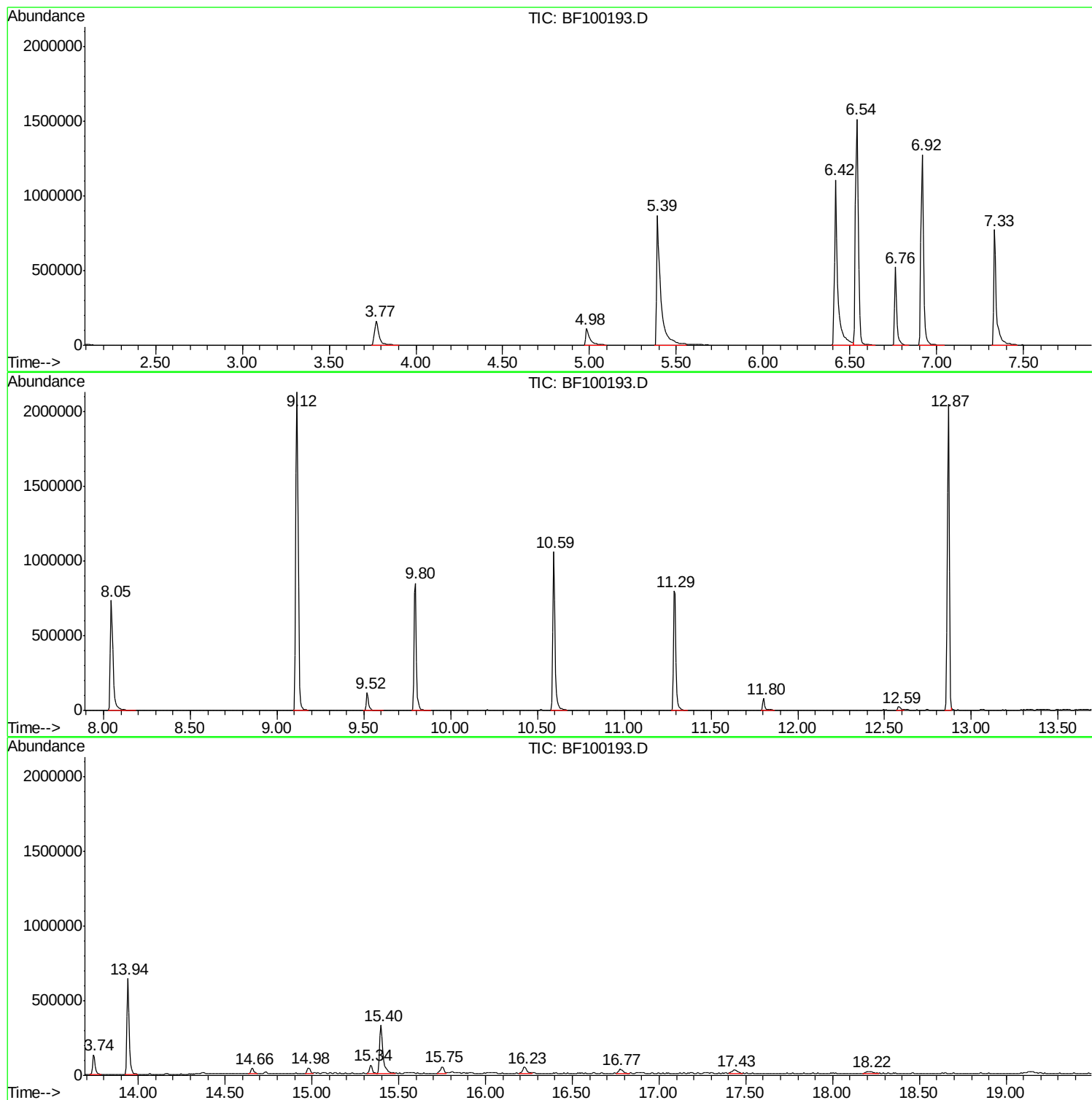
Sum of corrected areas: 16273304

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100193.D
Acq On : 4 Nov 2017 21:51
Operator : SJ/JU
Sample : I6313-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PET-BF018-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100193.D
Acq On : 4 Nov 2017 21:51
Operator : SJ/JU
Sample : I6313-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PET-BF018-01

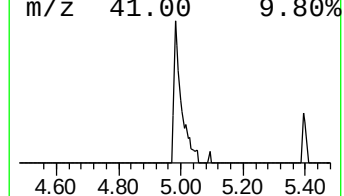
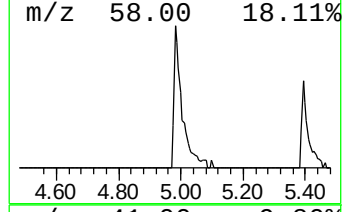
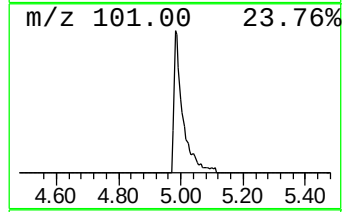
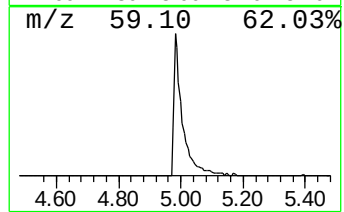
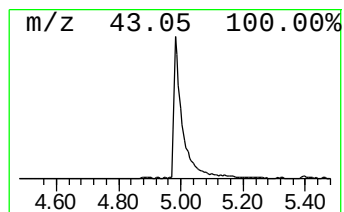
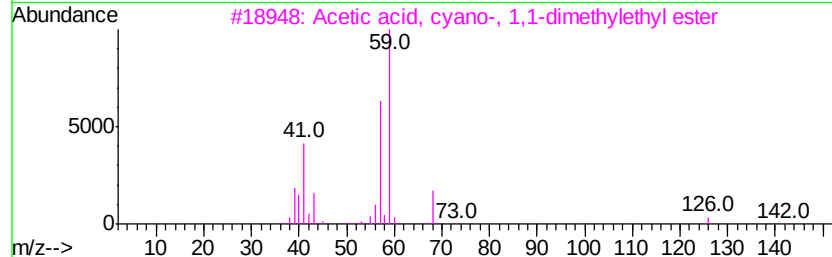
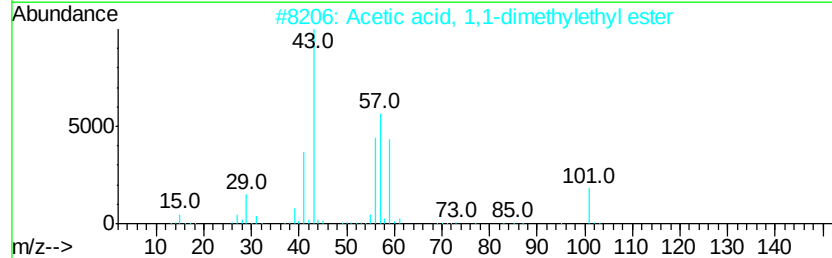
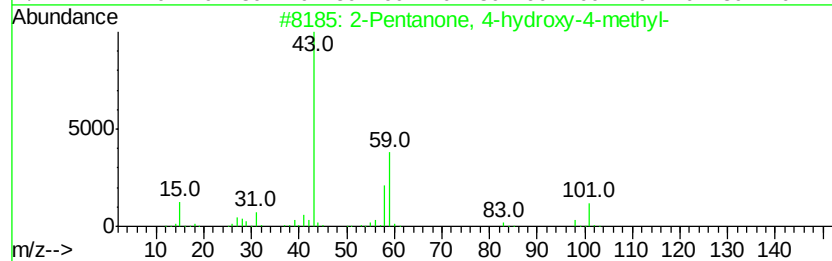
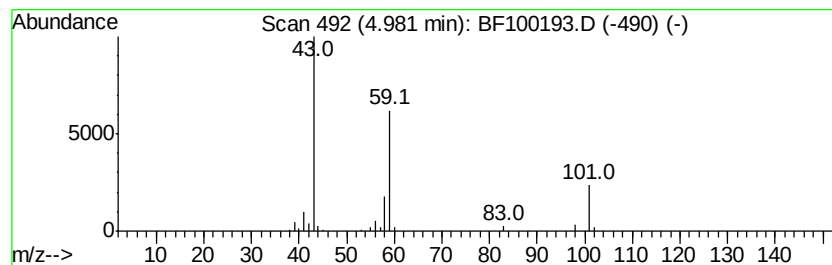
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	8.18 ng	199635	1,4-Dichlorobenzene-d4	6.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5			Acetone	58	C3H6O	000067-64-1	9



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100193.D
Acq On : 4 Nov 2017 21:51
Operator : SJ/JU
Sample : I6313-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PET-BF018-01

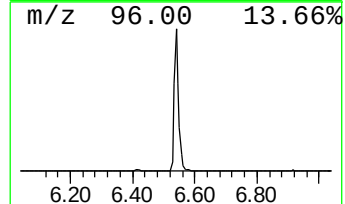
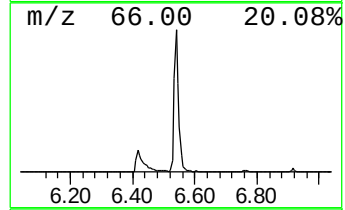
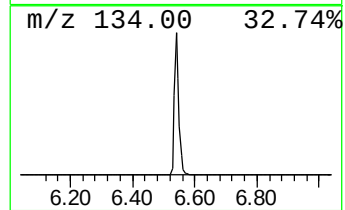
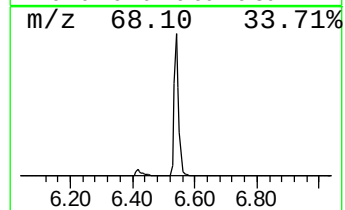
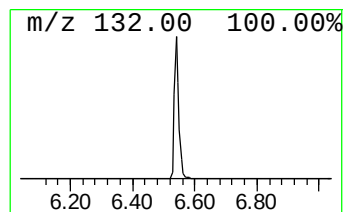
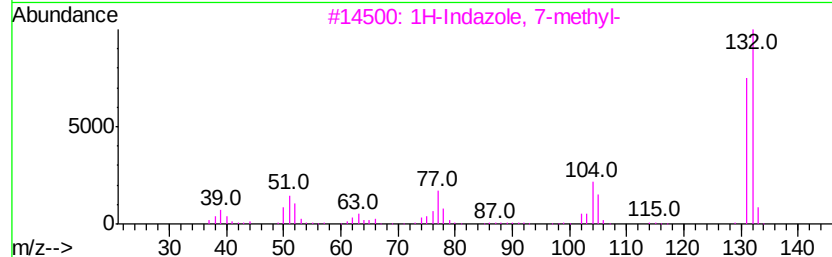
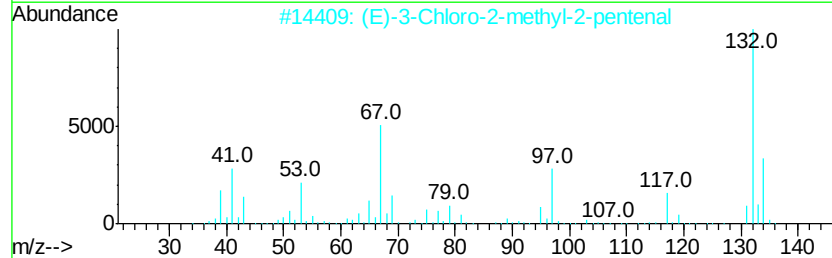
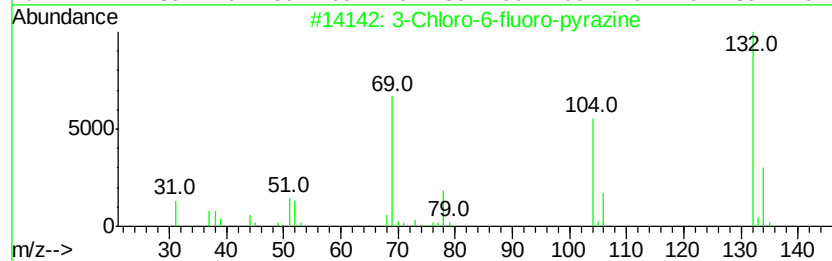
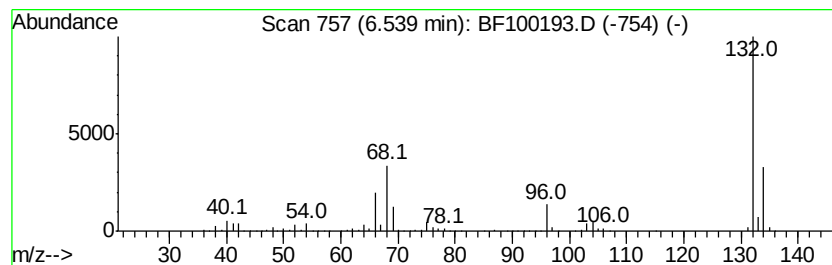
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	63.50 ng	1549830	1,4-Dichlorobenzene-d4	6.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100193.D
Acq On : 4 Nov 2017 21:51
Operator : SJ/JU
Sample : I6313-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

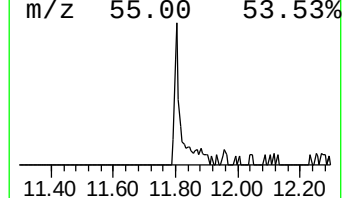
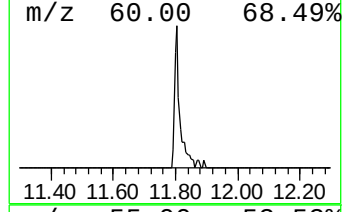
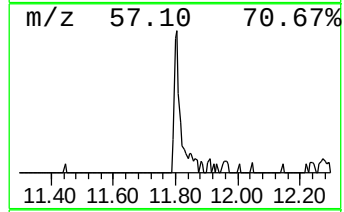
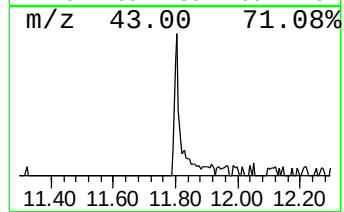
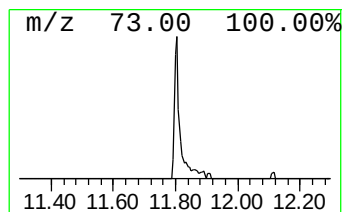
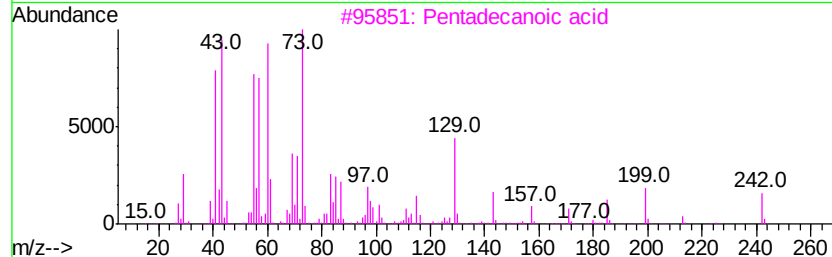
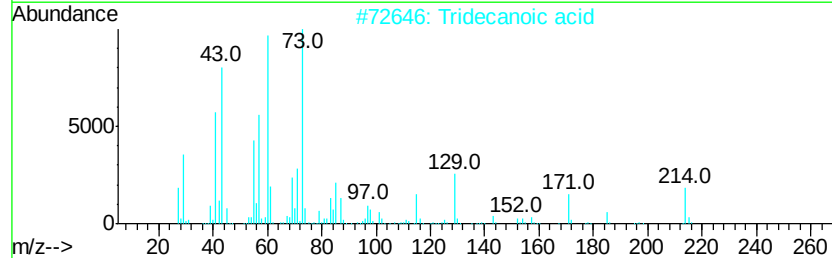
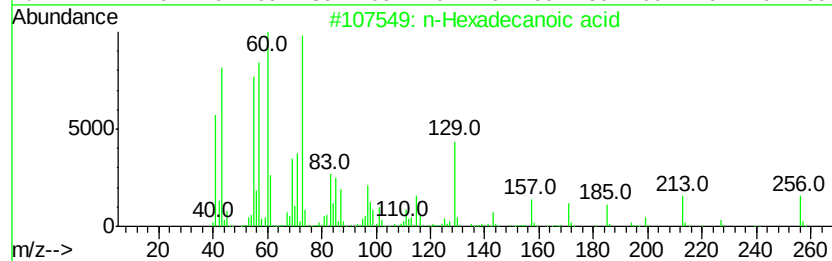
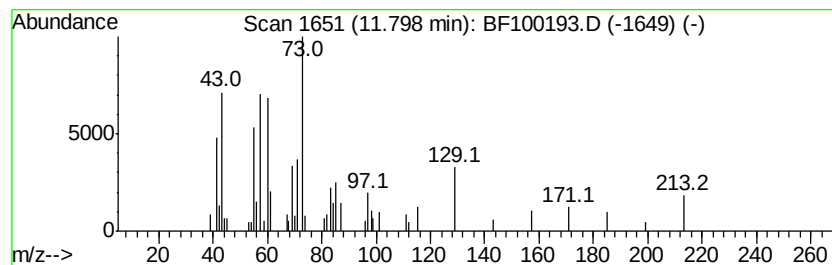
Instrument :
BNA_F
ClientSampleId :
PET-BF018-01

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.80	2.01 ng	83985	Phenanthrene-d10	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	14
5	Oxalic acid, cyclobutyl hexadecy...	368	C22H40O4	1000309-70-6	11



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100193.D
Acq On : 4 Nov 2017 21:51
Operator : SJ/JU
Sample : I6313-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PET-BF018-01

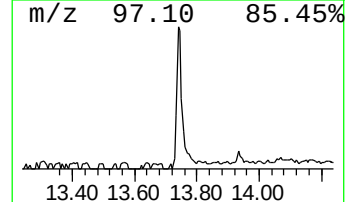
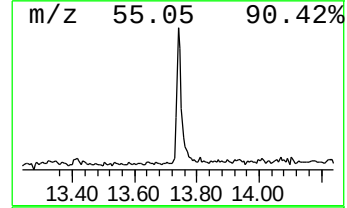
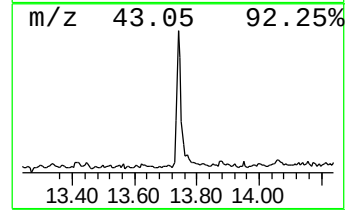
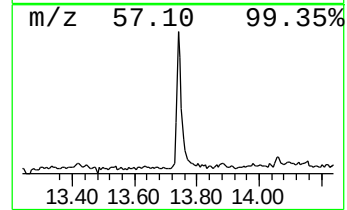
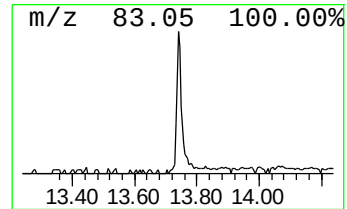
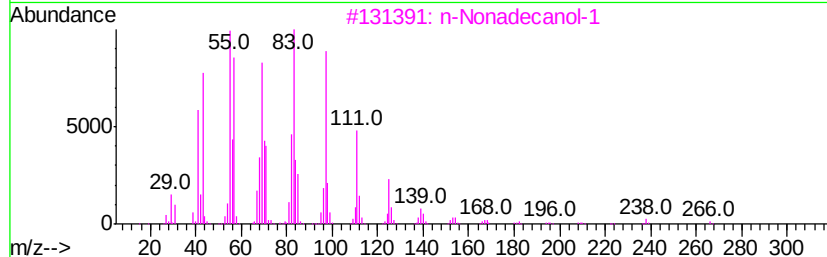
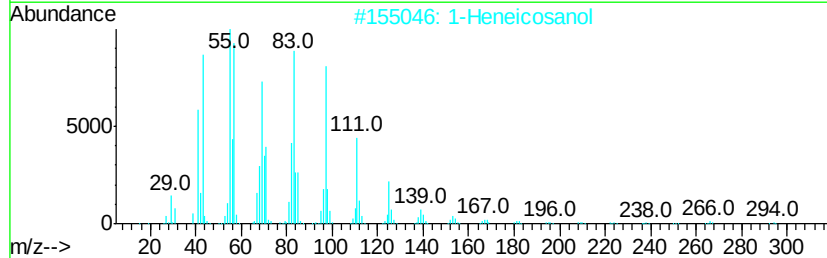
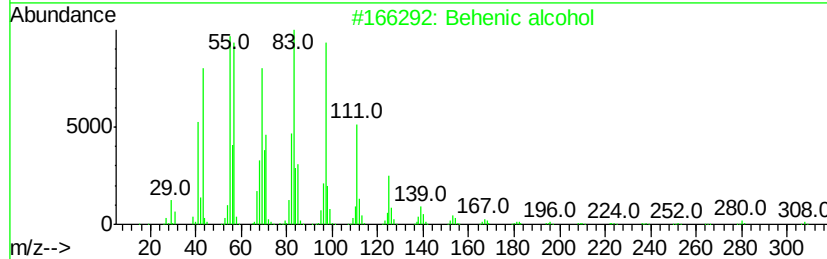
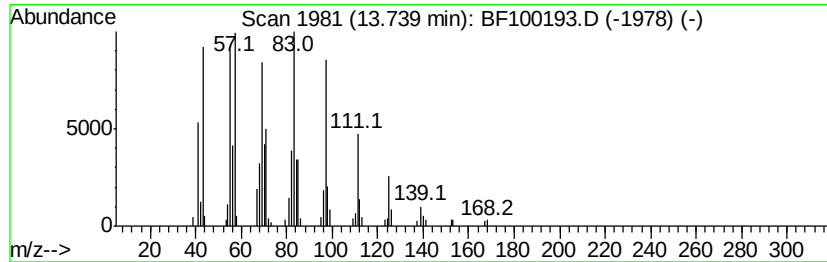
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Behenic alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	4.81 ng	152786	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100193.D
Acq On : 4 Nov 2017 21:51
Operator : SJ/JU
Sample : I6313-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PET-BF018-01

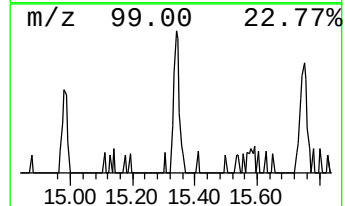
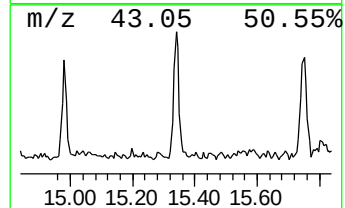
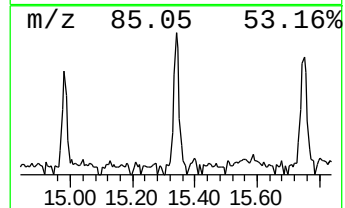
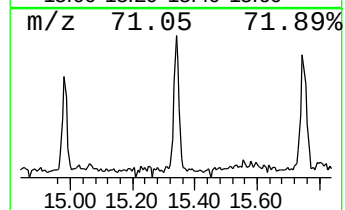
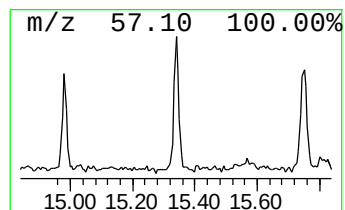
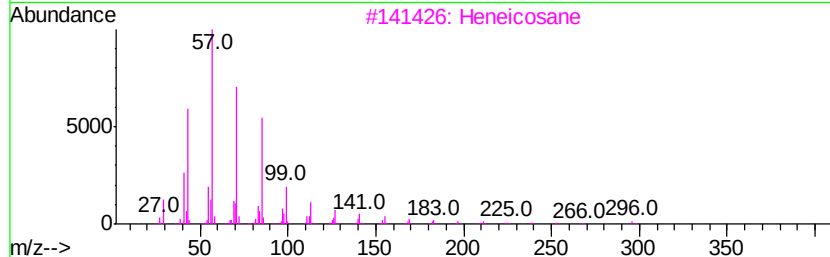
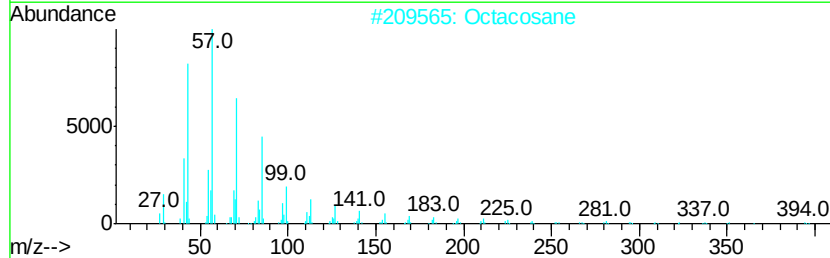
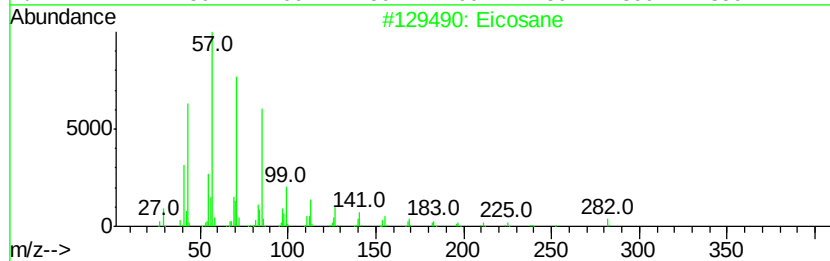
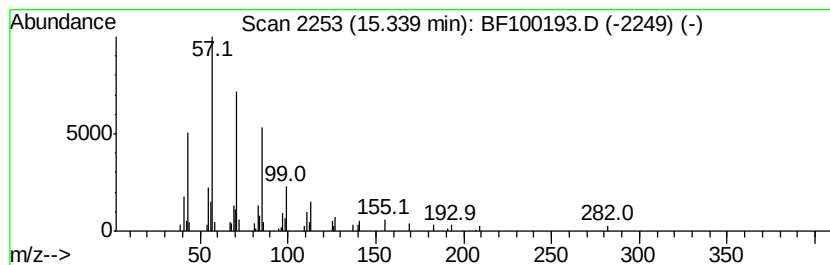
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	2.92 ng	66815	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	87
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100193.D
Acq On : 4 Nov 2017 21:51
Operator : SJ/JU
Sample : I6313-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PET-BF018-01

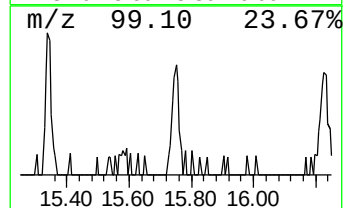
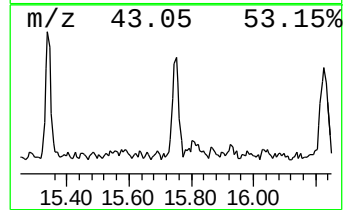
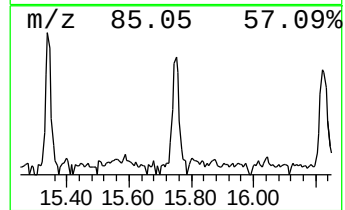
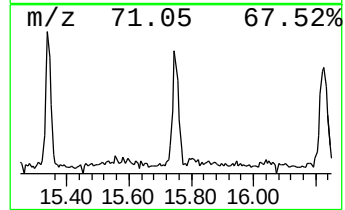
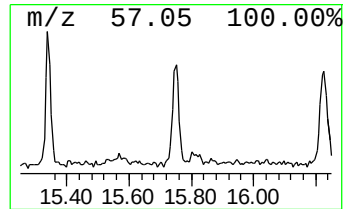
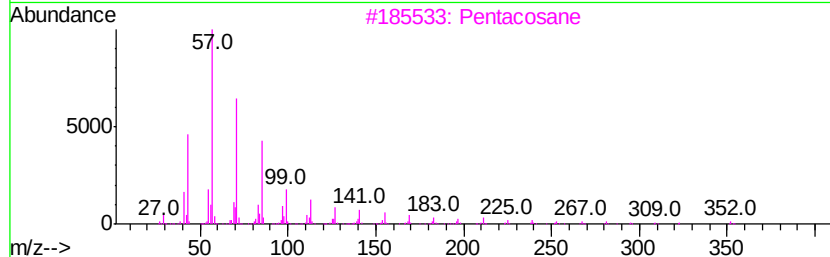
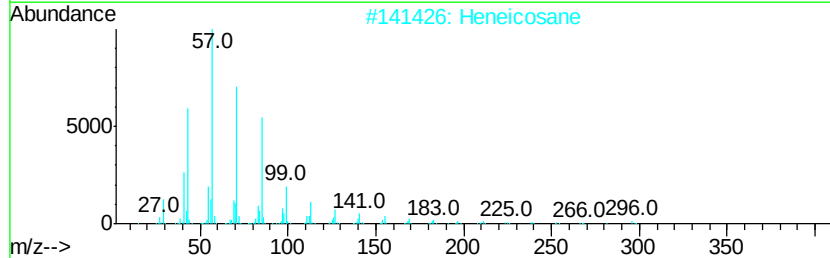
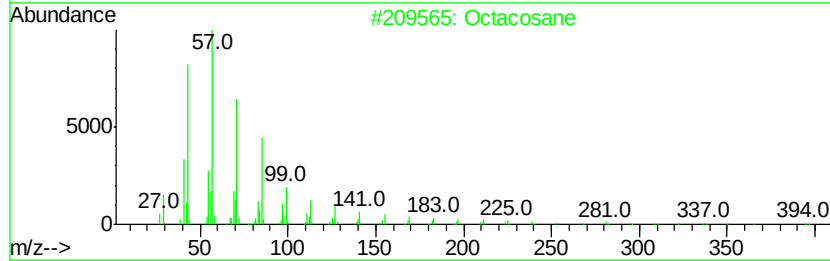
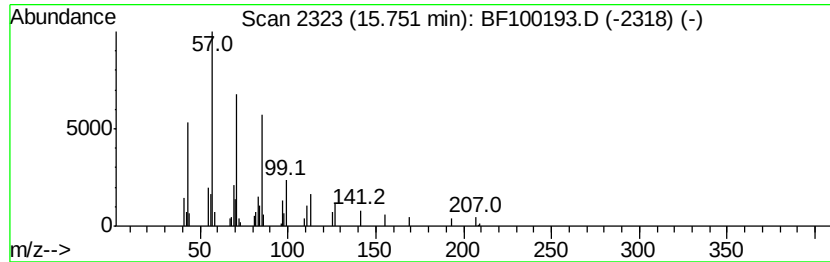
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	2.87 ng	65829	Perylene-d12	15.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	91
2	Heneicosane		296	C21H44	000629-94-7	91
3	Pentacosane		352	C25H52	000629-99-2	90
4	2-methyloctacosane		408	C29H60	1000376-72-8	90
5	triacontane		422	C30H62	000638-68-6	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100193.D
Acq On : 4 Nov 2017 21:51
Operator : SJ/JU
Sample : I6313-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PET-BF018-01

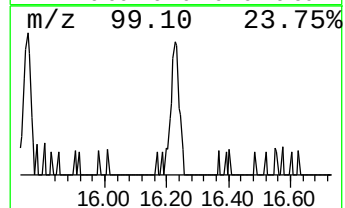
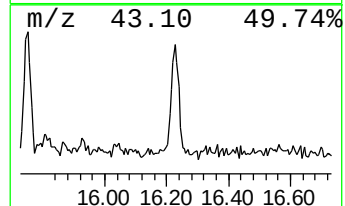
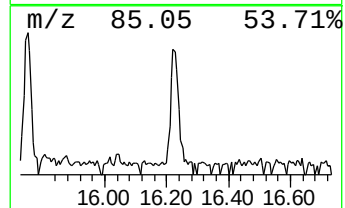
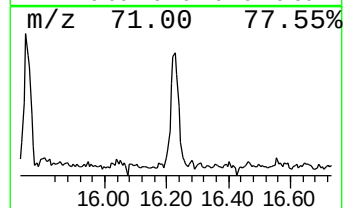
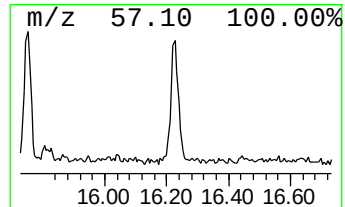
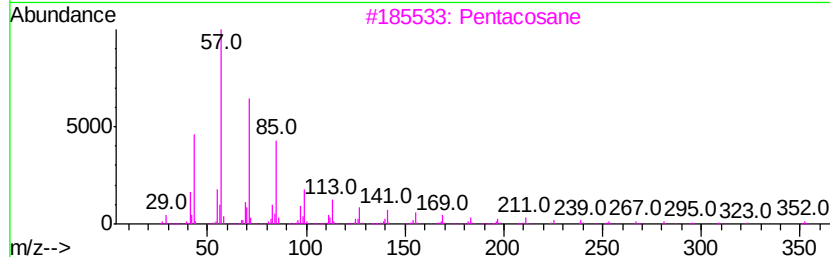
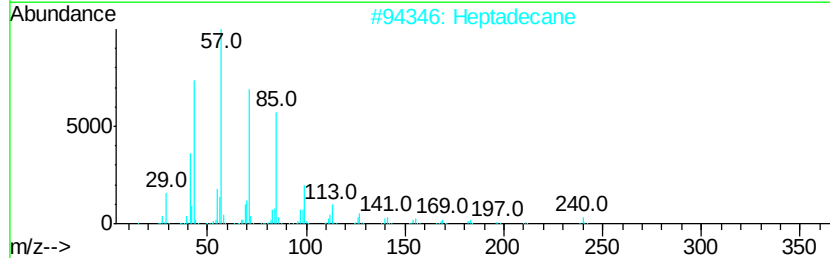
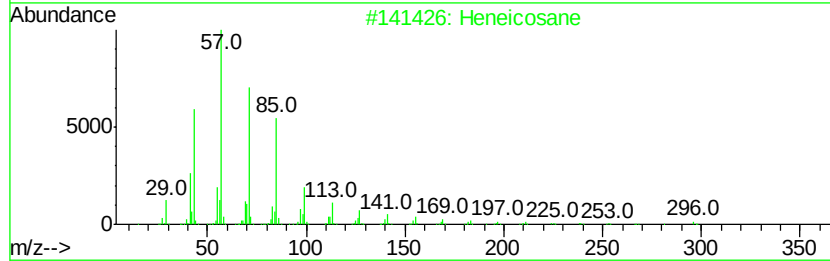
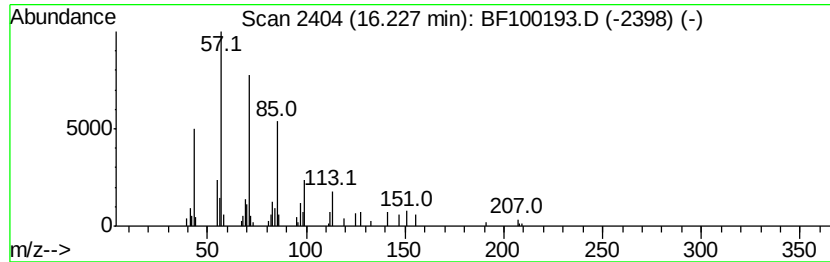
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	3.09 ng	70820	Perylene-d12	15.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Heptadecane		240	C17H36	000629-78-7	90
3	Pentacosane		352	C25H52	000629-99-2	90
4	Octacosane		394	C28H58	000630-02-4	90
5	2-methyloctacosane		408	C29H60	1000376-72-8	86



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100193.D
Acq On : 4 Nov 2017 21:51
Operator : SJ/JU
Sample : I6313-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PET-BF018-01

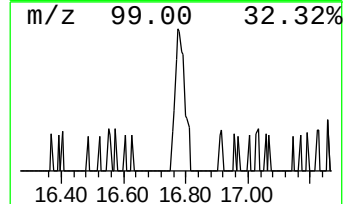
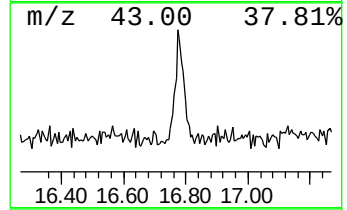
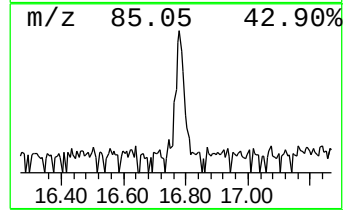
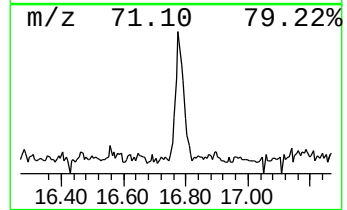
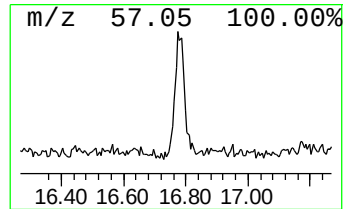
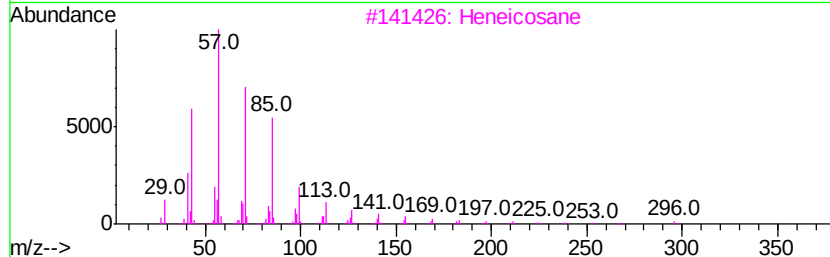
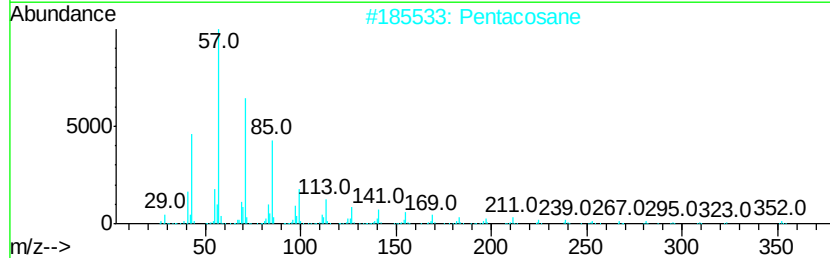
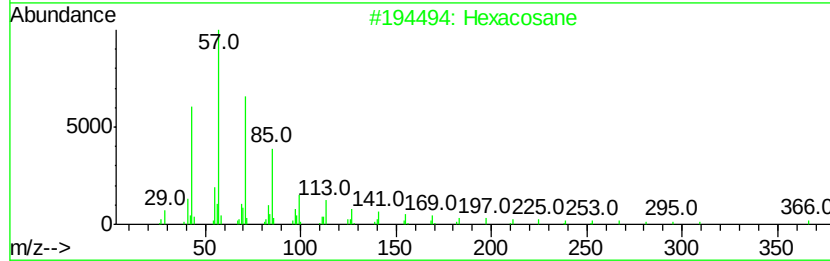
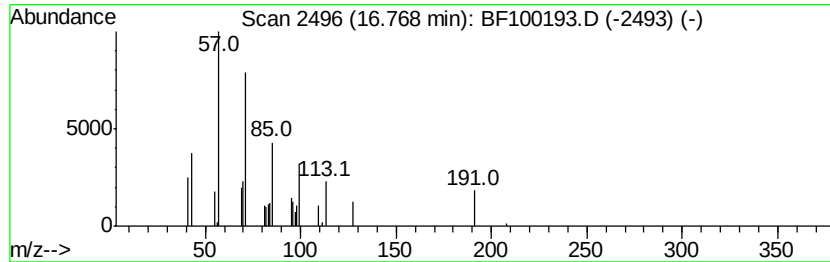
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	2.30 ng	52618	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	80
2		Pentacosane	352	C25H52	000629-99-2	80
3		Heneicosane	296	C21H44	000629-94-7	80
4		Octacosane	394	C28H58	000630-02-4	78
5		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100193.D
Acq On : 4 Nov 2017 21:51
Operator : SJ/JU
Sample : I6313-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PET-BF018-01

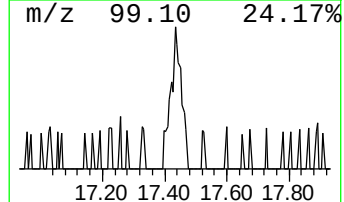
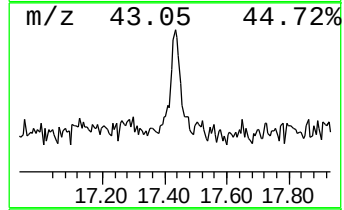
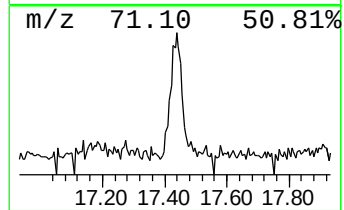
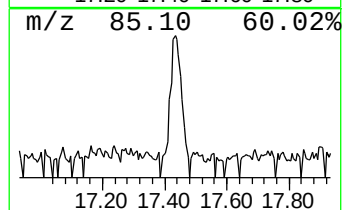
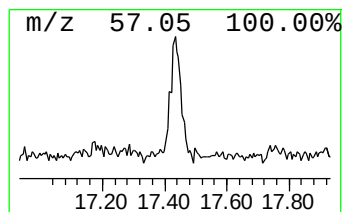
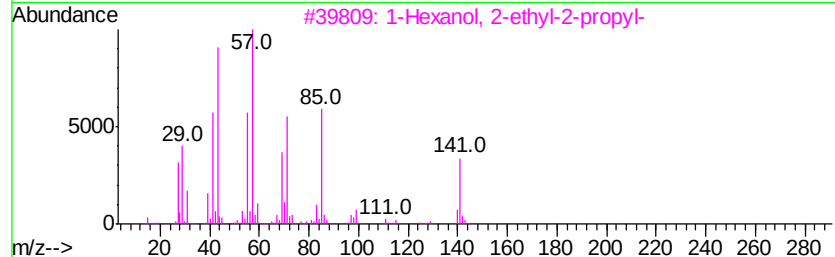
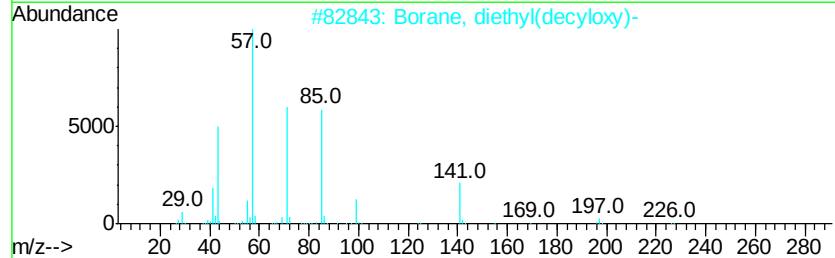
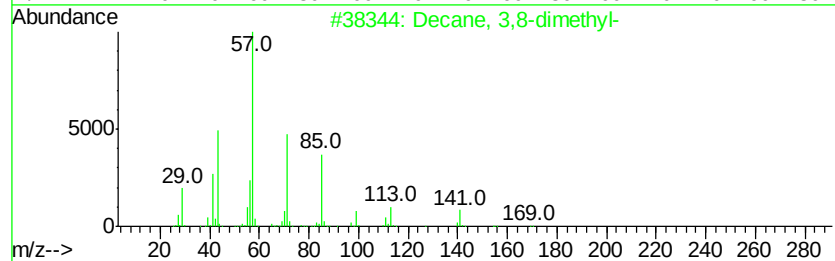
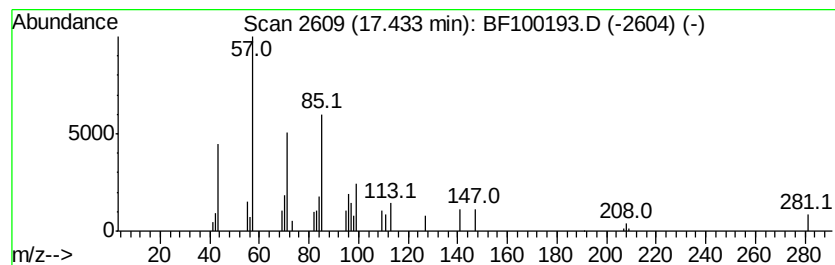
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Decane, 3,8-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.43	2.08 ng	47577	Perylene-d12	15.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
2		Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	47
3		1-Hexanol, 2-ethyl-2-propyl-	172	C11H24O	054461-00-6	47
4		Tetratriacontane	479	C34H70	014167-59-0	47
5		Heptacosane	380	C27H56	000593-49-7	43



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF110417\
Data File : BF100193.D
Acq On : 4 Nov 2017 21:51
Operator : SJ/JU
Sample : I6313-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PET-BF018-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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
2-Pentanone, 4-hy...	4.98	8.2	ng	199635	1	6.76	488121	20.0
unknown6.54	6.54	63.5	ng	1549830	1	6.76	488121	20.0
n-Hexadecanoic acid	11.80	2.0	ng	83985	4	11.29	837303	20.0
Behenic alcohol	13.74	4.8	ng	152786	5	13.94	635579	20.0
Eicosane	15.34	2.9	ng	66815	6	15.40	458097	20.0
Octacosane	15.75	2.9	ng	65829	6	15.40	458097	20.0
Heneicosane	16.23	3.1	ng	70820	6	15.40	458097	20.0
Hexacosane	16.77	2.3	ng	52618	6	15.40	458097	20.0
Decane, 3,8-dimet...	17.43	2.1	ng	47577	6	15.40	458097	20.0