

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
 Data File : BM018317.D
 Acq On : 20 Dec 2018 03:38
 Operator : JU/SJ
 Sample : J6461-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NCC-KEARNY-TOPSOIL

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.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	3.781	148	152	157	rVB	26671	32372	1.21%	0.127%
2	4.675	298	304	312	rBV	56314	78131	2.93%	0.307%
3	5.122	373	380	394	rBV	1201839	1759349	65.97%	6.906%
4	6.687	639	646	661	rBV	1112831	1894764	71.04%	7.438%
5	7.022	696	703	713	rBV	1217142	1916535	71.86%	7.523%
6	7.481	775	781	792	rVB	443400	695558	26.08%	2.730%
7	7.798	827	835	847	rVB	904931	1472991	55.23%	5.782%
8	8.639	971	978	988	rBV	590040	1063994	39.89%	4.177%
9	10.251	1245	1252	1264	rBV	453075	826643	31.00%	3.245%
10	12.745	1670	1676	1689	rBV	1348587	2106618	78.99%	8.269%
11	13.621	1818	1825	1833	rBV	61010	111394	4.18%	0.437%
12	14.145	1907	1914	1923	rBV2	612252	972345	36.46%	3.817%
13	15.651	2163	2170	2181	rBV	1019770	1571318	58.92%	6.168%
14	16.104	2242	2247	2251	rBV2	22997	30870	1.16%	0.121%
15	16.909	2377	2384	2389	rBV	709652	1061223	39.79%	4.166%
16	16.951	2389	2391	2397	rVV2	38295	54745	2.05%	0.215%
17	17.821	2534	2539	2547	rBV	186571	280372	10.51%	1.101%
18	18.986	2727	2737	2740	rBV	97759	169211	6.34%	0.664%
19	19.045	2744	2747	2750	rVB4	25188	32665	1.22%	0.128%
20	19.115	2755	2759	2770	rVV2	95767	144505	5.42%	0.567%
21	19.345	2791	2798	2803	rBV	85924	141249	5.30%	0.554%
22	19.562	2829	2835	2843	rVB	2120024	2666995	100.00%	10.469%
23	19.850	2881	2884	2887	rBV4	49657	64796	2.43%	0.254%
24	20.380	2972	2974	2978	rVB5	38457	32655	1.22%	0.128%
25	20.850	3050	3054	3061	rVB	475886	622310	23.33%	2.443%
26	21.127	3096	3101	3105	rBV2	1090113	1437223	53.89%	5.642%
27	21.733	3197	3204	3212	rBV	743735	1196652	44.87%	4.697%
28	22.633	3353	3357	3362	rBV2	398174	608585	22.82%	2.389%
29	22.685	3362	3366	3372	rVB2	291468	480609	18.02%	1.887%
30	23.285	3462	3468	3475	rVB	790737	1414736	53.05%	5.553%
31	23.774	3547	3551	3559	rVB	304133	534300	20.03%	2.097%

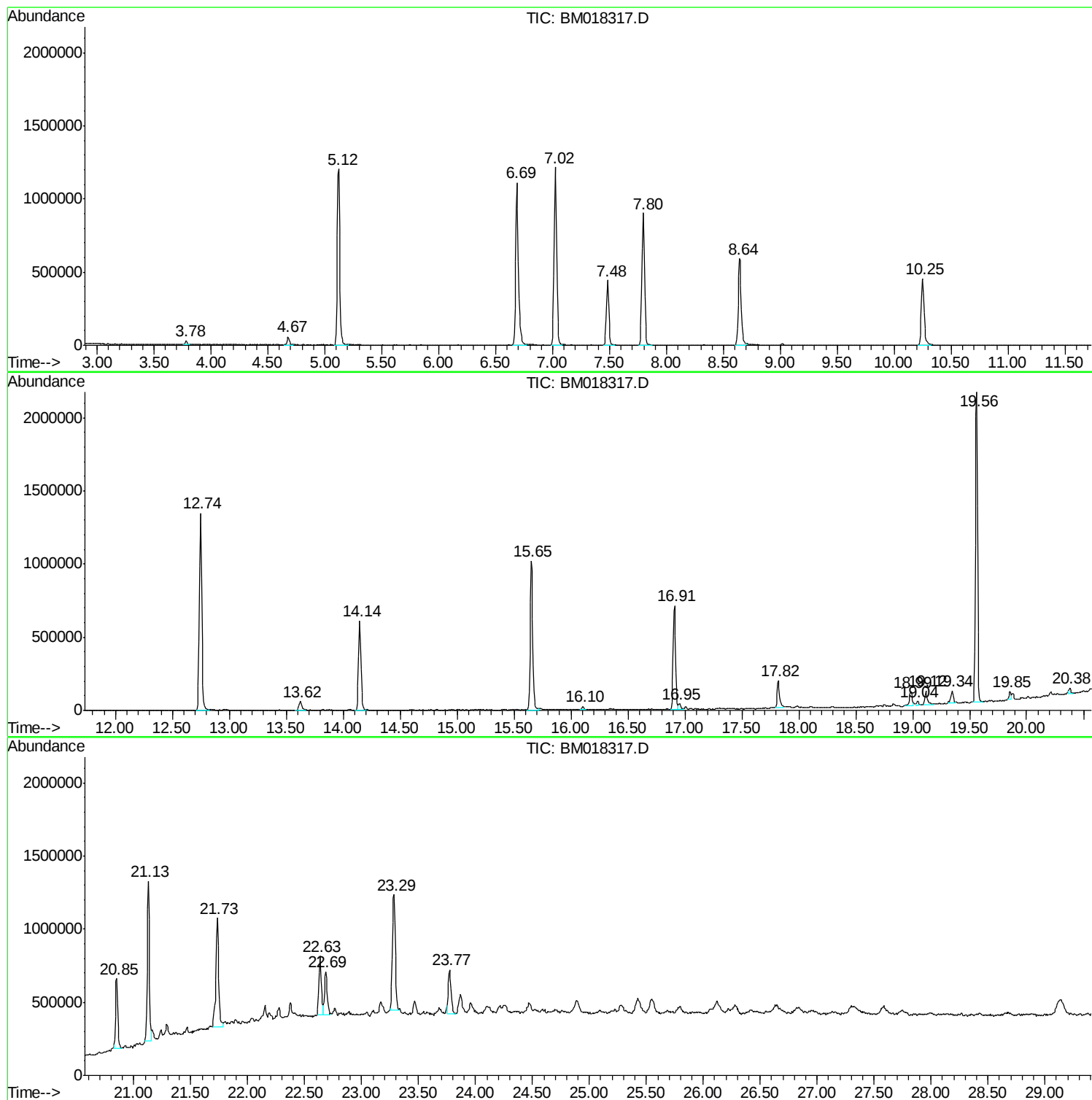
Sum of corrected areas: 25475713

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018317.D
Acq On : 20 Dec 2018 03:38
Operator : JU/SJ
Sample : J6461-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NCC-KEARNY-TOPSOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018317.D
Acq On : 20 Dec 2018 03:38
Operator : JU/SJ
Sample : J6461-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NCC-KEARNY-TOPSOIL

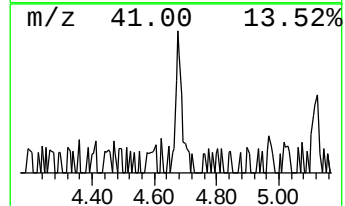
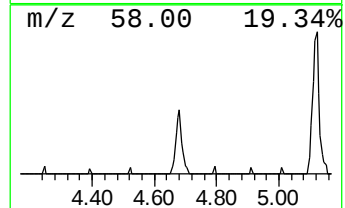
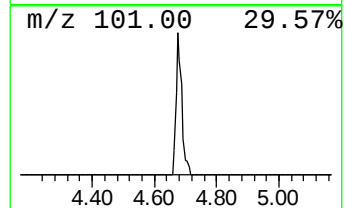
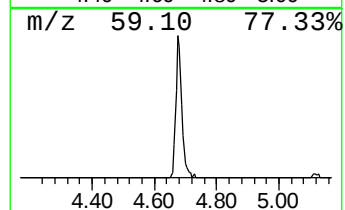
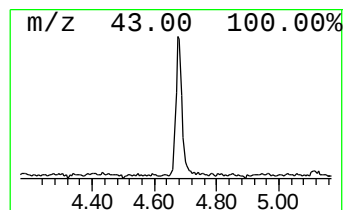
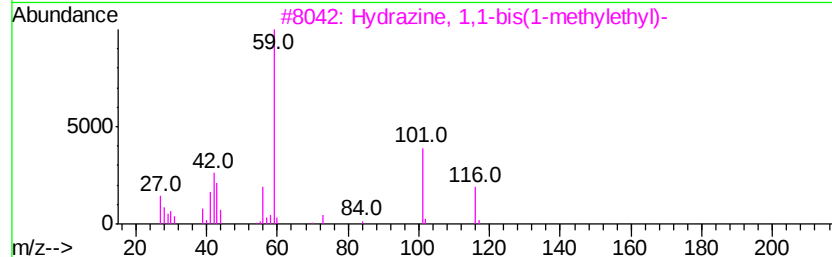
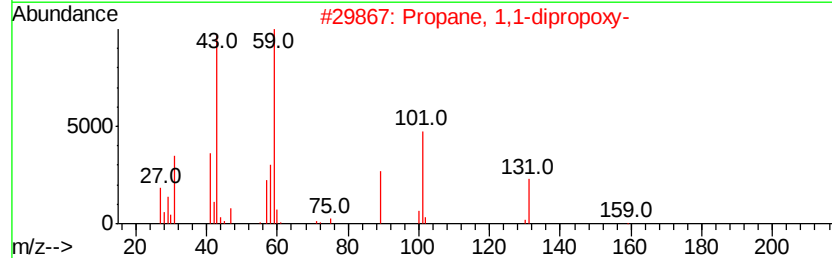
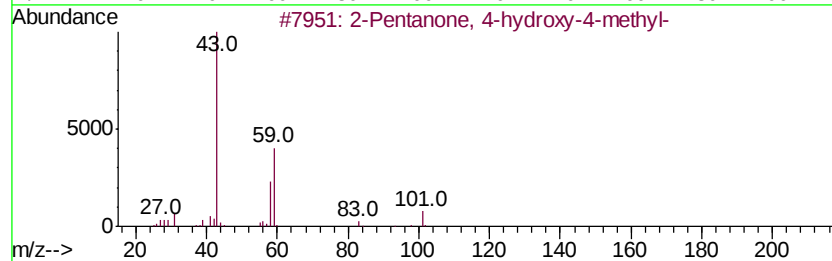
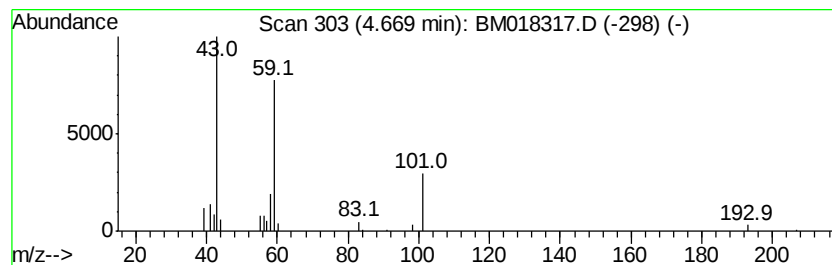
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	2.25 ng	78131	1,4-Dichlorobenzene-d4	7.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	64
3			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	59
4			2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	50
5			2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018317.D
Acq On : 20 Dec 2018 03:38
Operator : JU/SJ
Sample : J6461-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NCC-KEARNY-TOPSOIL

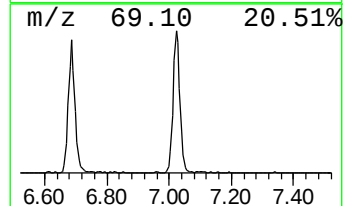
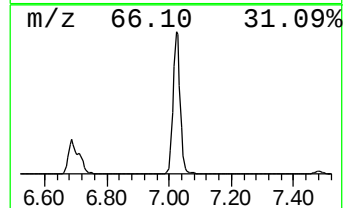
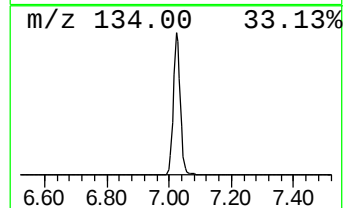
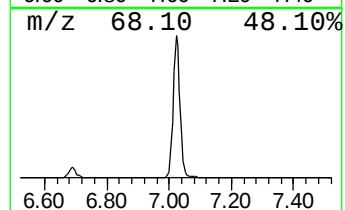
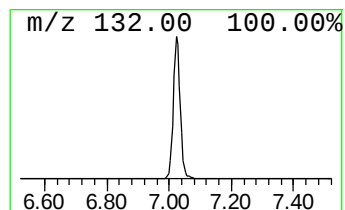
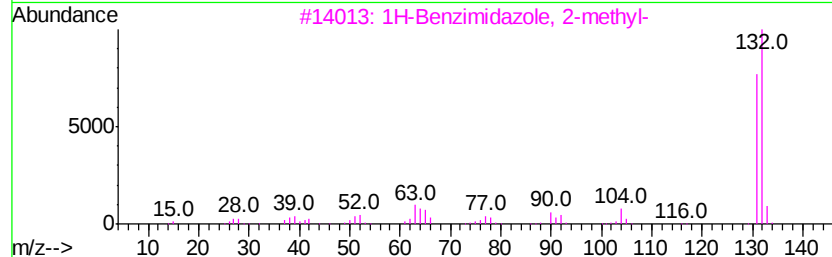
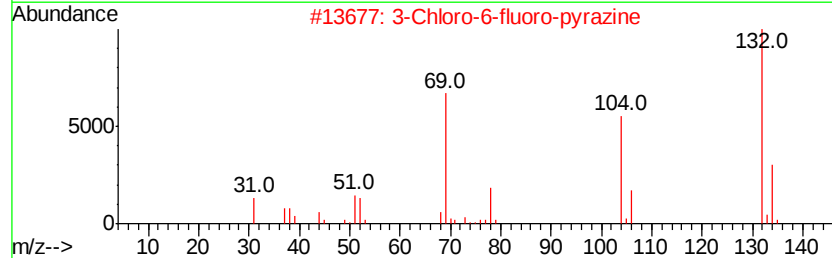
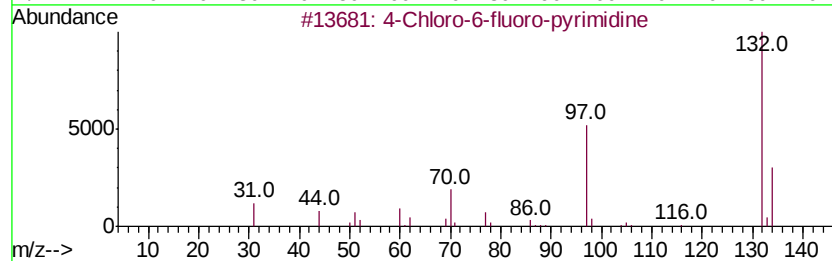
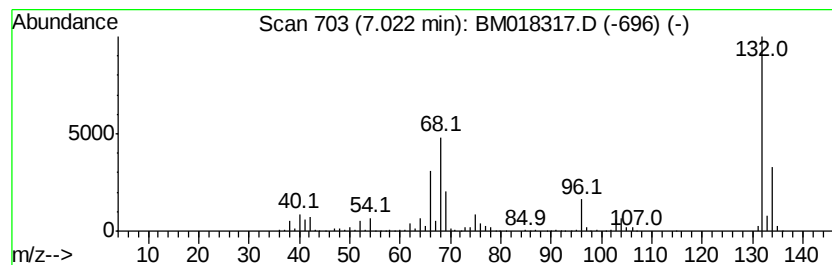
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	55.11 ng	1916540	1,4-Dichlorobenzene-d4	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018317.D
Acq On : 20 Dec 2018 03:38
Operator : JU/SJ
Sample : J6461-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NCC-KEARNY-TOPSOIL

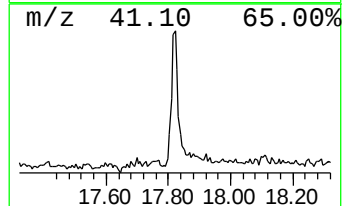
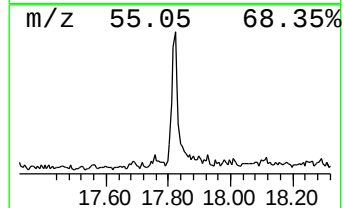
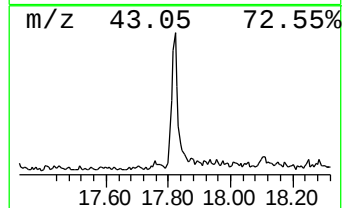
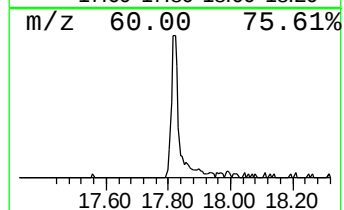
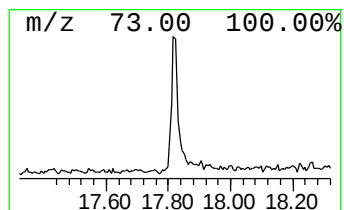
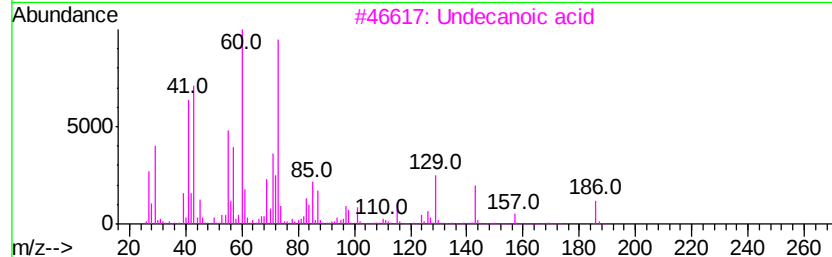
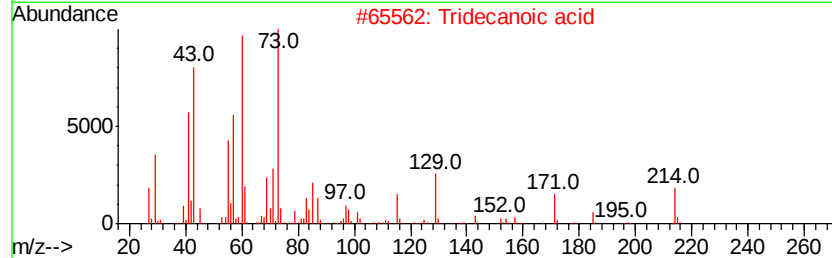
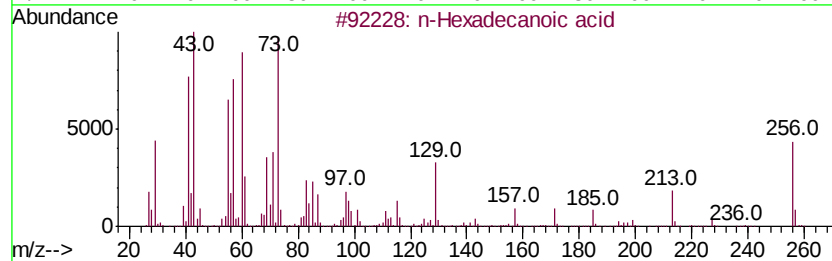
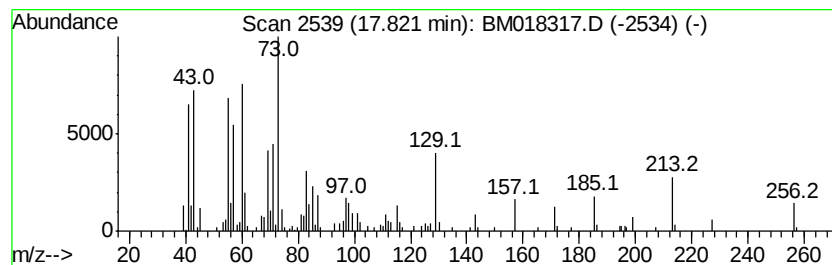
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	5.28 ng	280372	Phenanthrene-d10	16.91

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	89
3		Undecanoic acid	186	C11H22O2	000112-37-8	80
4		n-Decanoic acid	172	C10H20O2	000334-48-5	76
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018317.D
Acq On : 20 Dec 2018 03:38
Operator : JU/SJ
Sample : J6461-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NCC-KEARNY-TOPSOIL

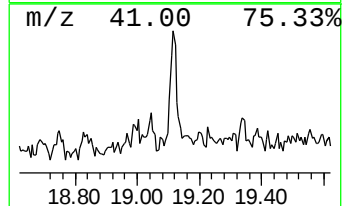
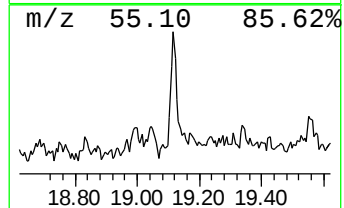
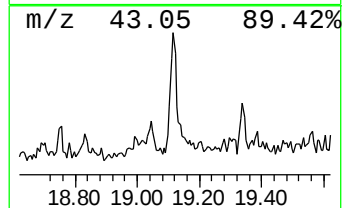
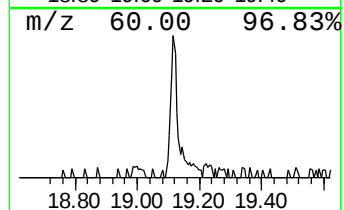
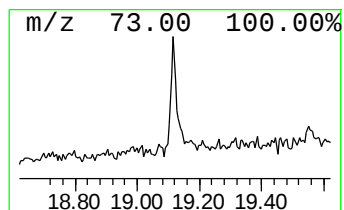
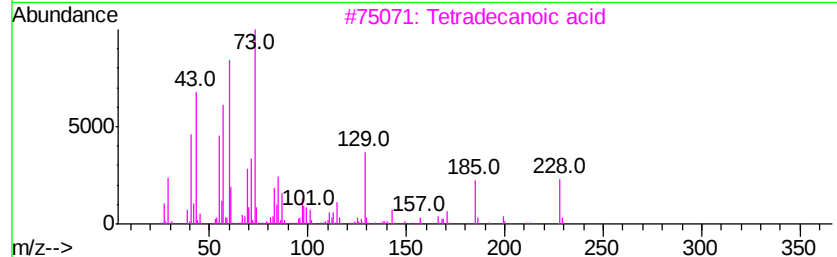
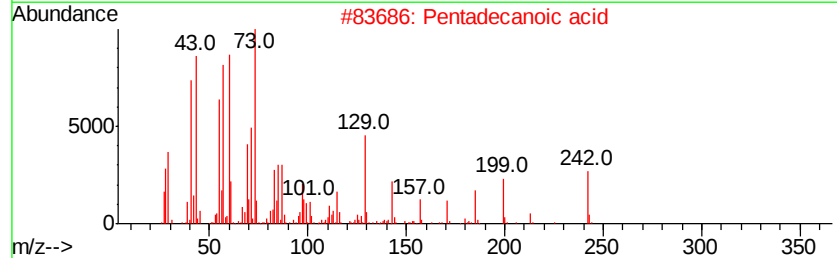
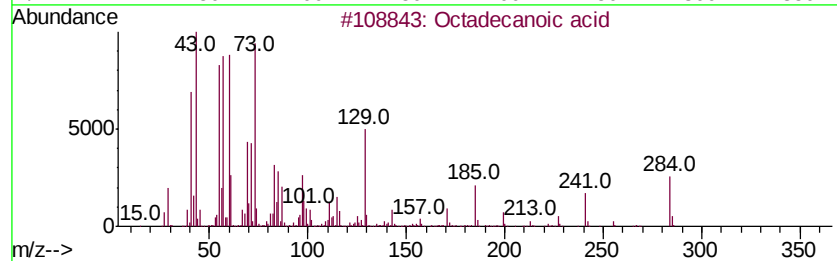
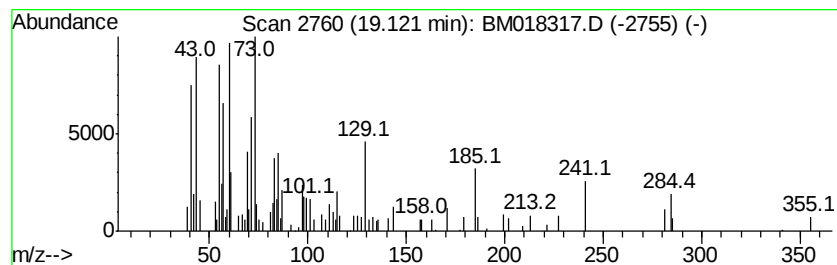
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	2.01 ng	144505	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4		Hexadecane	226	C16H34	000544-76-3	25
5		Eicosane	282	C20H42	000112-95-8	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
 Data File : BM018317.D
 Acq On : 20 Dec 2018 03:38
 Operator : JU/SJ
 Sample : J6461-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NCC-KEARNY-TOPSOIL

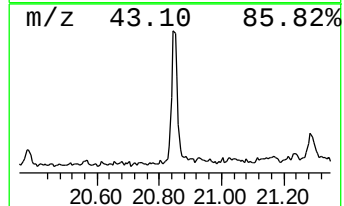
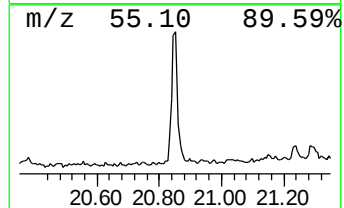
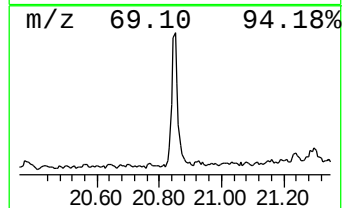
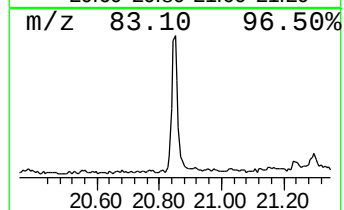
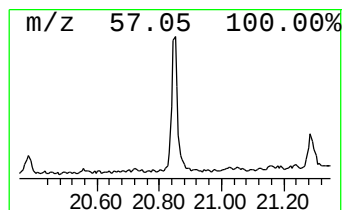
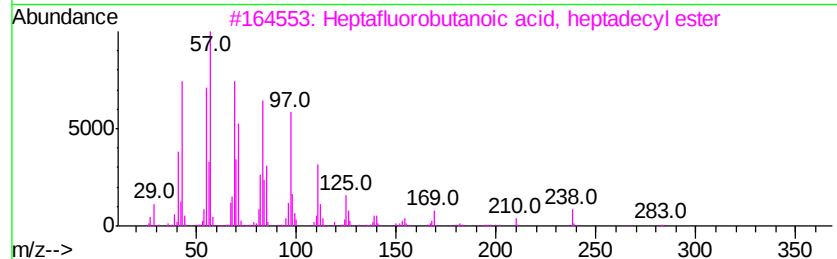
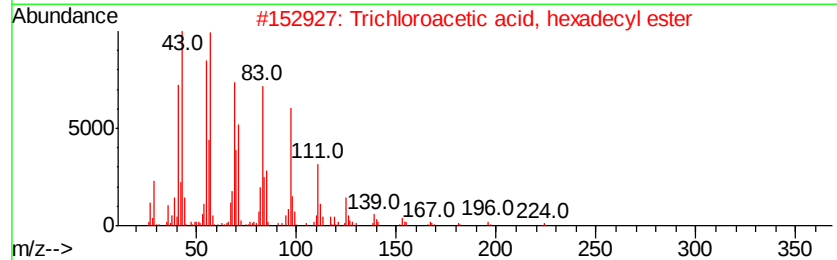
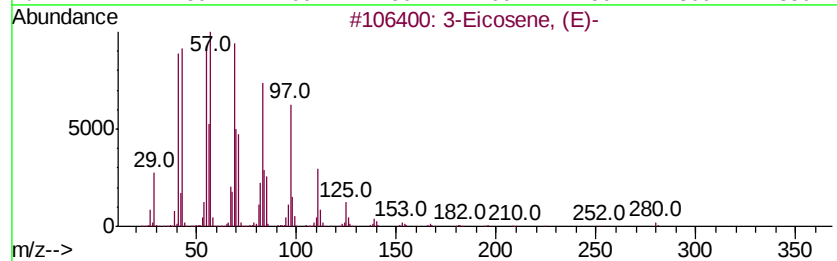
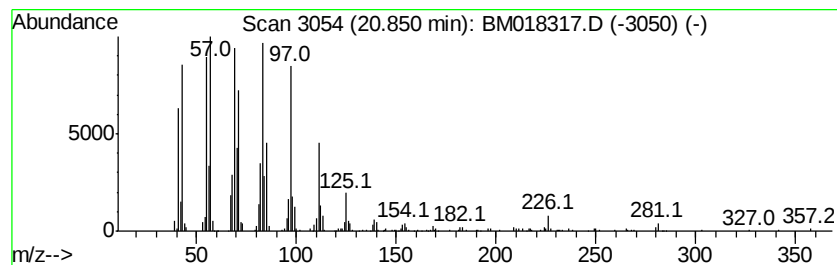
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 3-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	8.66 ng	622310	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
4		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	83
5		Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018317.D
Acq On : 20 Dec 2018 03:38
Operator : JU/SJ
Sample : J6461-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NCC-KEARNY-TOPSOIL

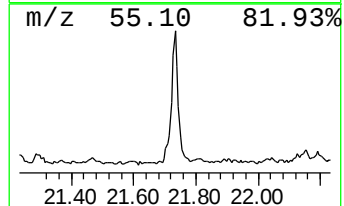
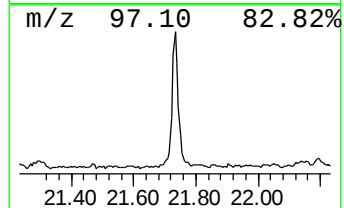
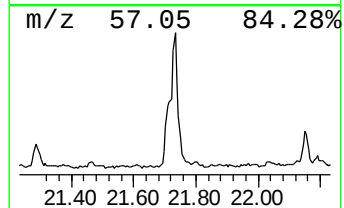
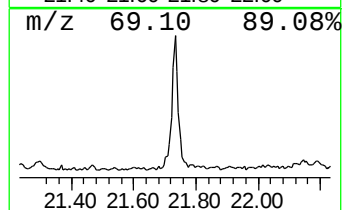
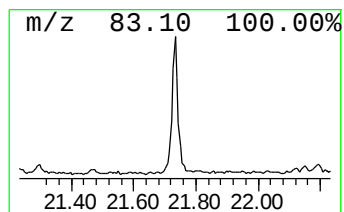
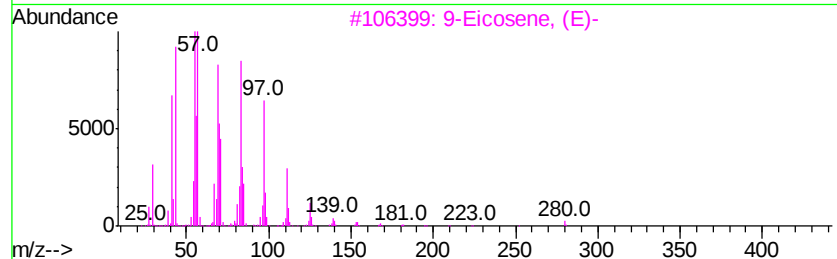
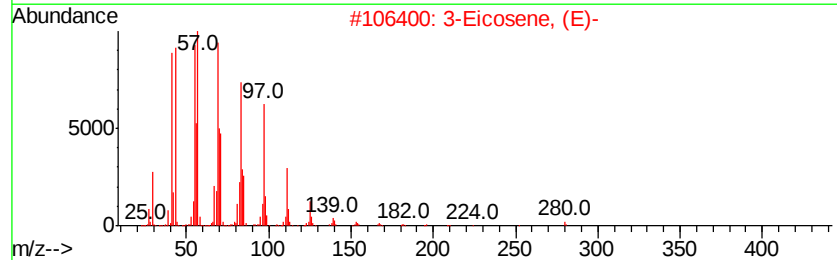
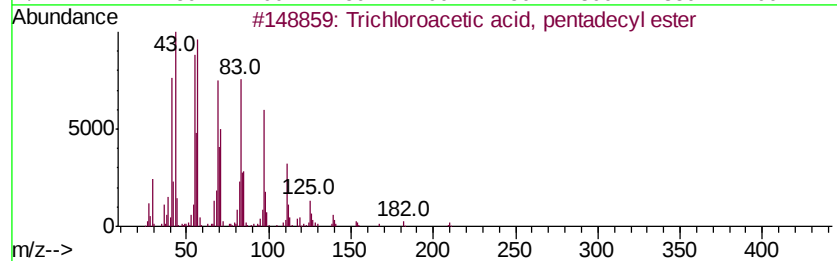
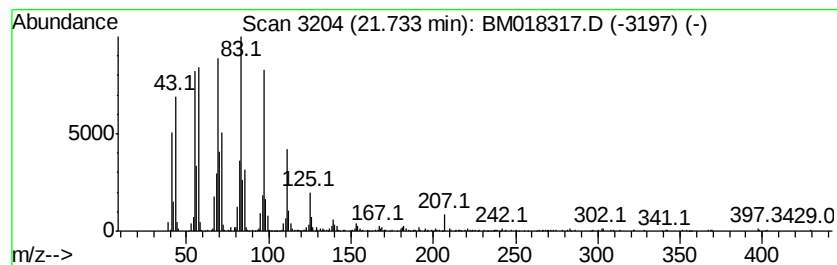
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Trichloroacetic acid, penta... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.73	16.65 ng	1196650	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4		Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	83
5		Heptafluorobutyric acid, n-octadecyl...	466	C22H37F7O2	000400-57-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018317.D
Acq On : 20 Dec 2018 03:38
Operator : JU/SJ
Sample : J6461-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NCC-KEARNY-TOPSOIL

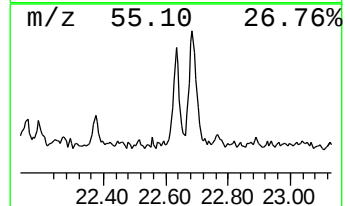
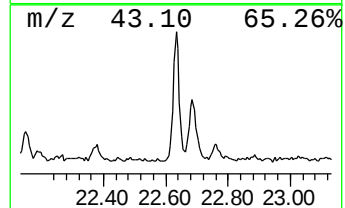
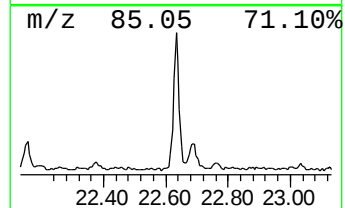
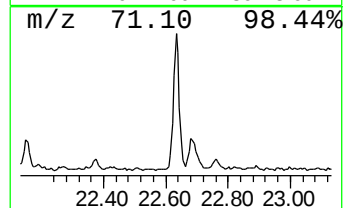
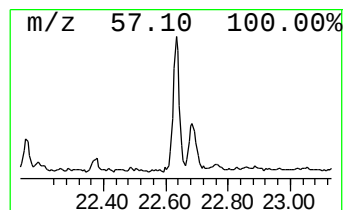
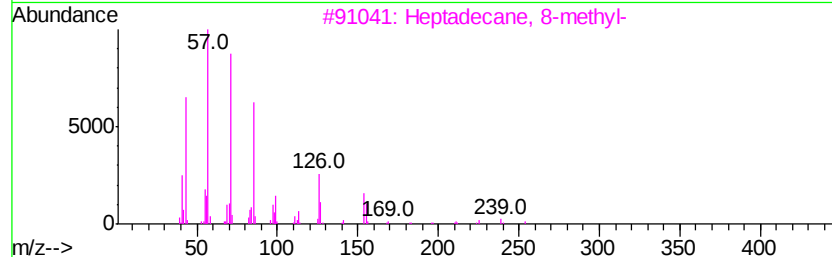
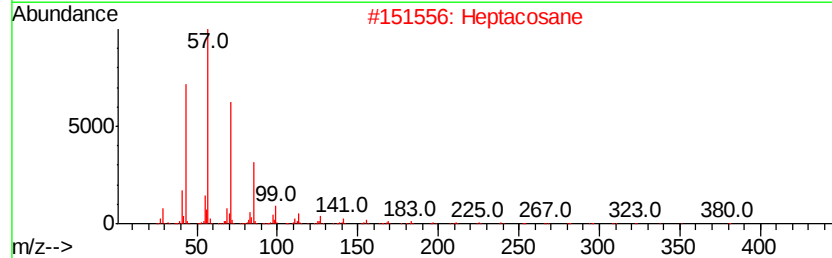
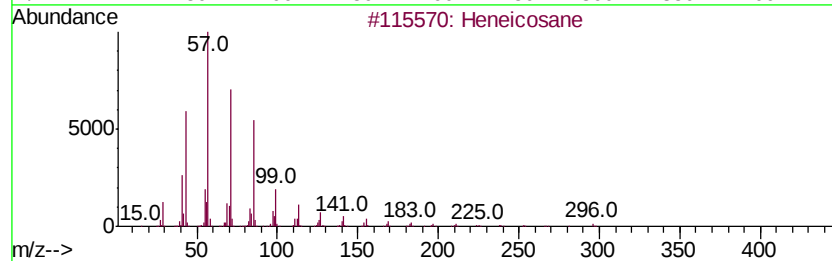
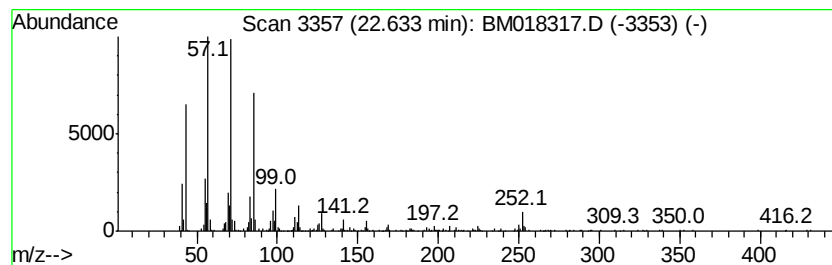
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	8.60 ng	608585	Perylene-d12	23.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Heptacosane		380	C27H56	000593-49-7	87
3	Heptadecane, 8-methyl-		254	C18H38	013287-23-5	83
4	Pentadecane, 8-heptyl-		310	C22H46	071005-15-7	74
5	Nonadecane		268	C19H40	000629-92-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018317.D
Acq On : 20 Dec 2018 03:38
Operator : JU/SJ
Sample : J6461-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

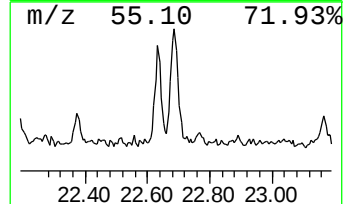
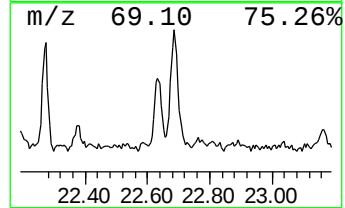
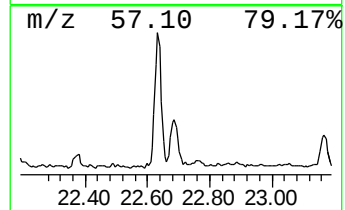
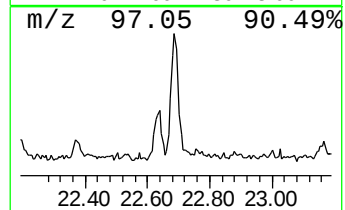
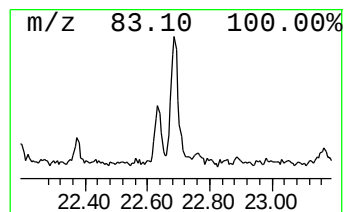
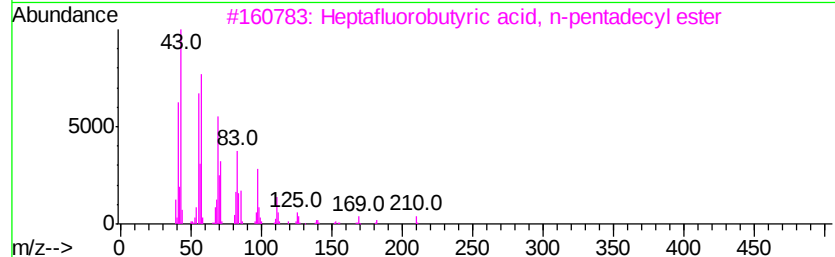
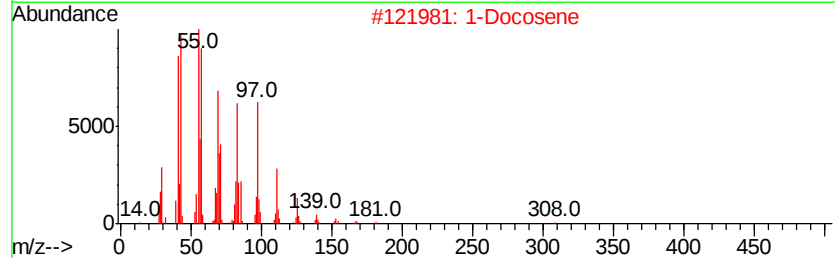
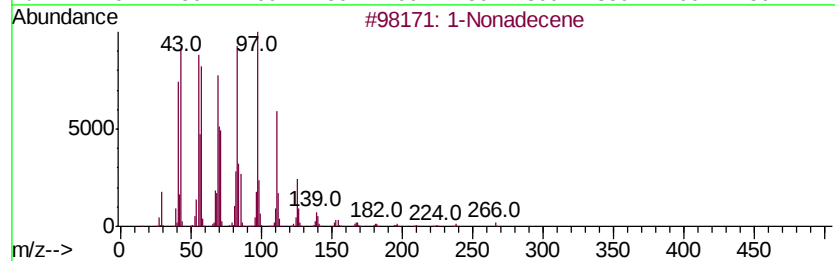
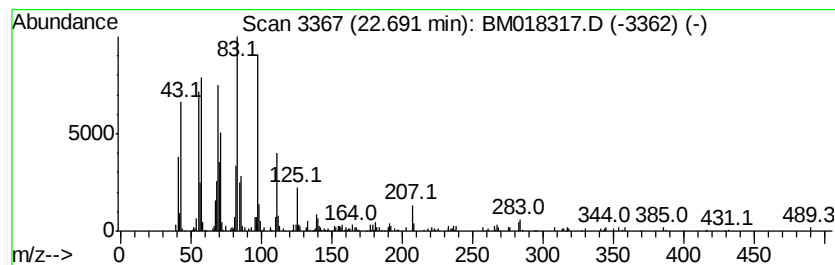
Instrument :
BNA_M
ClientSampleId :
NCC-KEARNY-TOPSOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Nonadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	6.79 ng	480609	Perylene-d12	23.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonadecene	266 C19H38	018435-45-5	91
2	1-Docosene	308 C22H44	001599-67-3	64
3	Heptafluorobutyric acid, n-penta...	424 C19H31F7O2	1000216-79-3	58
4	Trifluoroacetic acid, n-heptadec...	324 C17H31F3O2	1000216-79-2	58
5	Cyclopentane, 1-pentyl-2-propyl-	182 C13H26	062199-51-3	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121918\
Data File : BM018317.D
Acq On : 20 Dec 2018 03:38
Operator : JU/SJ
Sample : J6461-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NCC-KEARNY-TOPSOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.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
2-Pentanone, 4-hy...	4.67	2.3	ng	78131	1	7.48	695558	20.0
unknown7.02	7.02	55.1	ng	1916540	1	7.48	695558	20.0
n-Hexadecanoic acid	17.82	5.3	ng	280372	4	16.91	1061220	20.0
Octadecanoic acid	19.12	2.0	ng	144505	5	21.13	1437220	20.0
3-Eicosene, (E)-	20.85	8.7	ng	622310	5	21.13	1437220	20.0
Trichloroacetic a...	21.73	16.6	ng	1196650	5	21.13	1437220	20.0
Heneicosane	22.63	8.6	ng	608585	6	23.29	1414740	20.0
1-Nonadecene	22.69	6.8	ng	480609	6	23.29	1414740	20.0