

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100118\
 Data File : BF109485.D
 Acq On : 1 Oct 2018 20:50
 Operator : JU/SJ
 Sample : J5170-25
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-5

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_F\METHODS\8270-BF092218.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	4.910	477	480	491	rBV	58190	92143	3.28%	0.404%
2	5.328	547	551	576	rBV	1962714	2445585	86.97%	10.728%
3	6.357	721	726	742	rBV	2227168	2566402	91.27%	11.258%
4	6.481	742	747	770	rVB	2541200	2579320	91.73%	11.315%
5	6.704	782	785	795	rBV	658906	599167	21.31%	2.628%
6	6.863	808	812	830	rBV	2197913	2015755	71.68%	8.843%
7	7.269	876	881	904	rBV	1657177	1601537	56.95%	7.026%
8	7.986	999	1003	1015	rBV	821698	734736	26.13%	3.223%
9	9.063	1181	1186	1189	rBV	3201943	2812008	100.00%	12.336%
10	9.457	1249	1253	1259	rBV	323300	303983	10.81%	1.334%
11	9.733	1296	1300	1307	rBV2	839047	745792	26.52%	3.272%
12	10.521	1430	1434	1447	rBV	1640466	1507061	53.59%	6.611%
13	11.210	1548	1551	1555	rBV	769759	671187	23.87%	2.944%
14	11.751	1639	1643	1650	rBV2	120951	121023	4.30%	0.531%
15	12.798	1816	1821	1824	rBV	2472505	2327176	82.76%	10.209%
16	13.698	1970	1974	1985	rBV	121625	181055	6.44%	0.794%
17	13.839	1994	1998	2002	rBV	741251	676788	24.07%	2.969%
18	14.321	2077	2080	2086	rBV3	30774	39575	1.41%	0.174%
19	14.615	2127	2130	2134	rVB	48362	41470	1.47%	0.182%
20	14.686	2139	2142	2146	rVB	29170	30911	1.10%	0.136%
21	14.927	2180	2183	2187	rBV	49872	52638	1.87%	0.231%
22	15.245	2232	2237	2240	rBV	383526	468071	16.65%	2.053%
23	15.280	2240	2243	2247	rVB	56344	68785	2.45%	0.302%
24	15.680	2307	2311	2316	rVB	50692	64269	2.29%	0.282%
25	16.145	2386	2390	2394	rVB2	33610	49202	1.75%	0.216%

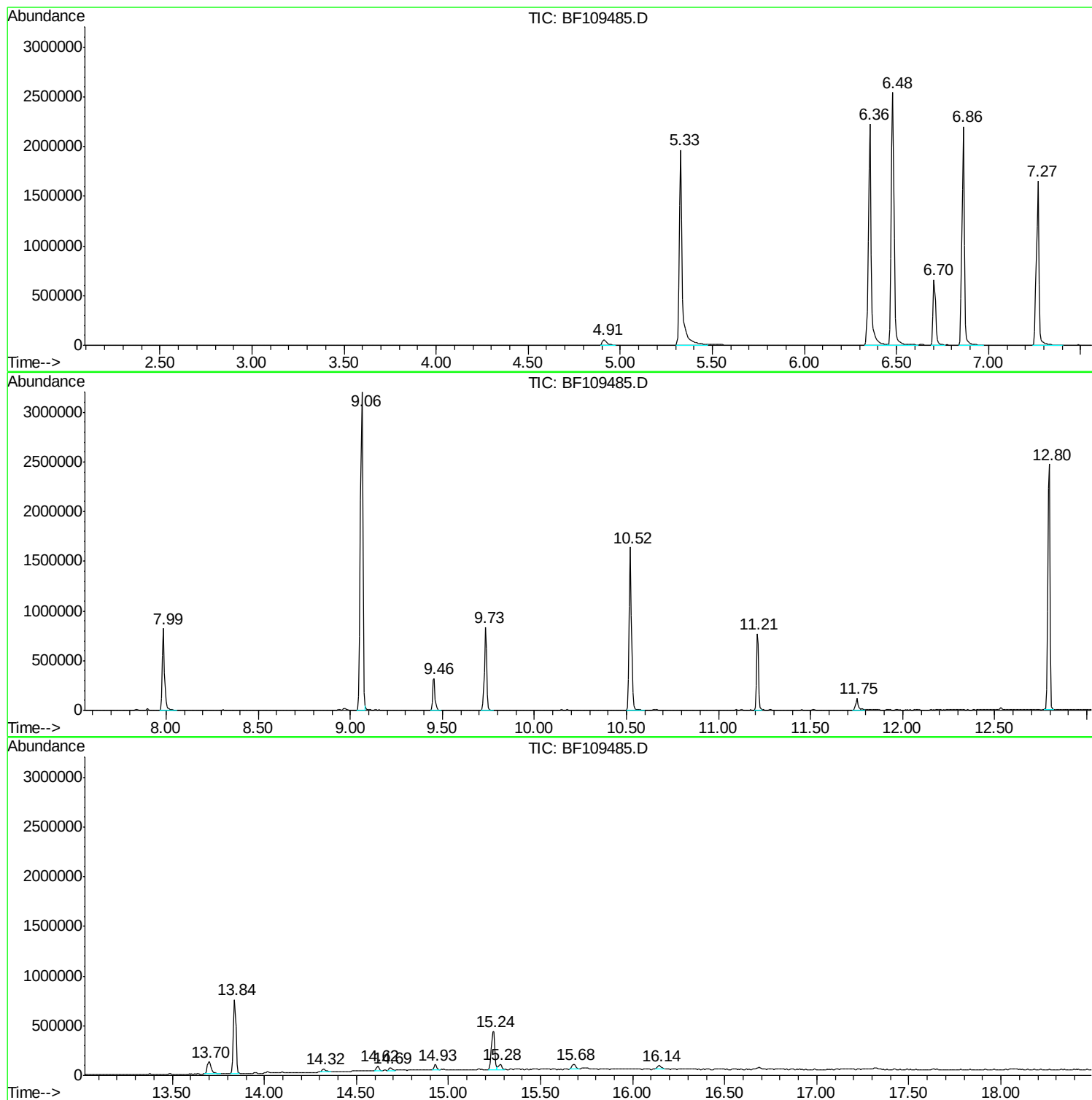
Sum of corrected areas: 22795639

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109485.D
Acq On : 1 Oct 2018 20:50
Operator : JU/SJ
Sample : J5170-25
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109485.D
Acq On : 1 Oct 2018 20:50
Operator : JU/SJ
Sample : J5170-25
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-5

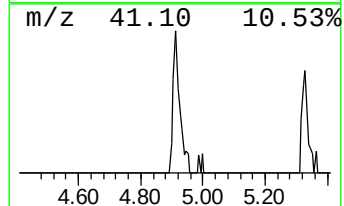
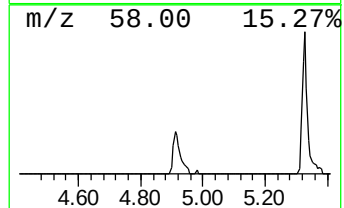
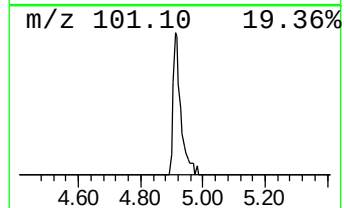
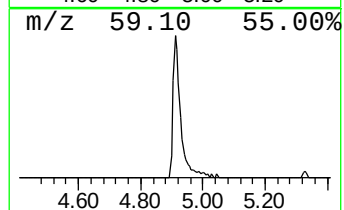
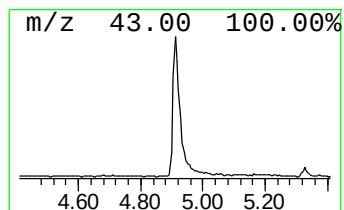
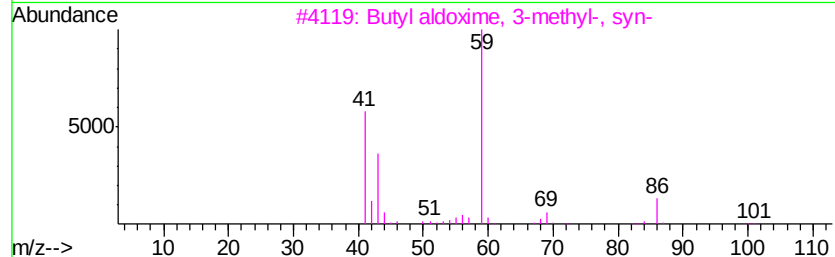
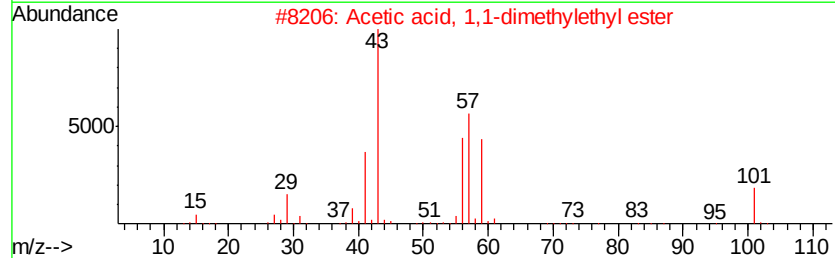
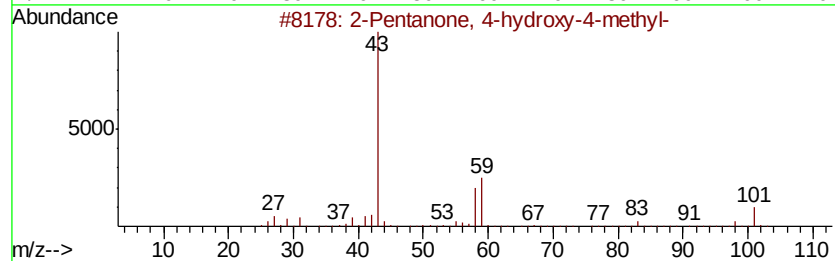
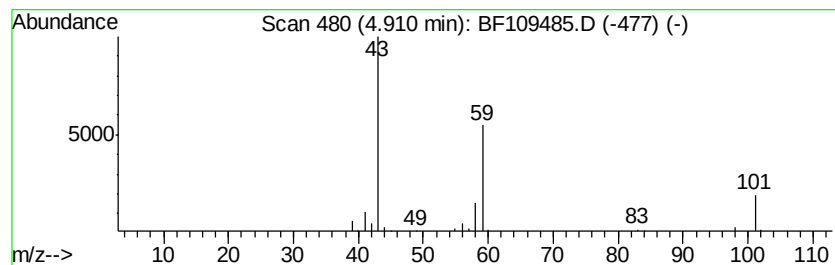
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	3.08 ng	92143	1,4-Dichlorobenzene-d4	6.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109485.D
Acq On : 1 Oct 2018 20:50
Operator : JU/SJ
Sample : J5170-25
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-5

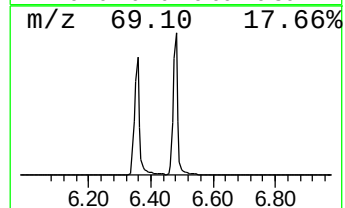
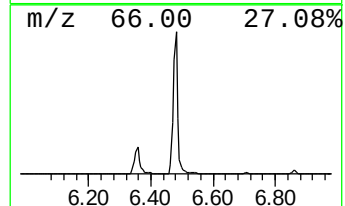
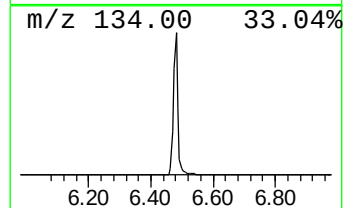
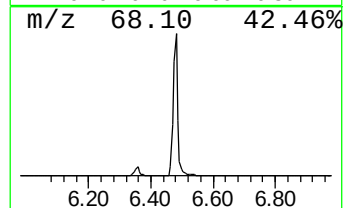
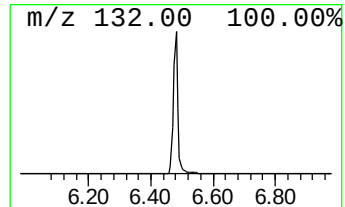
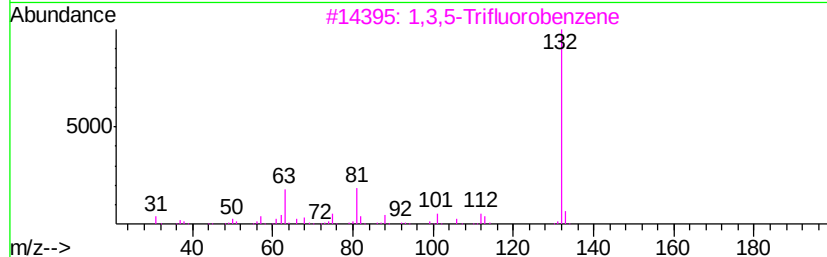
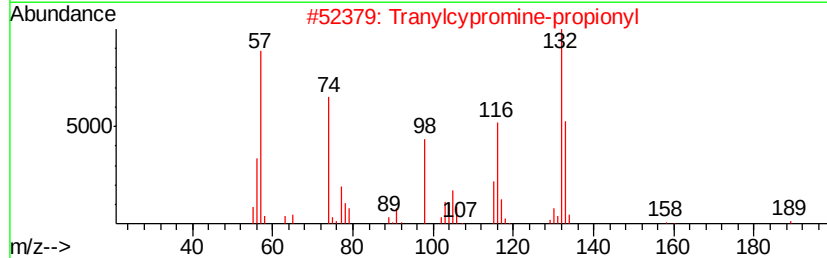
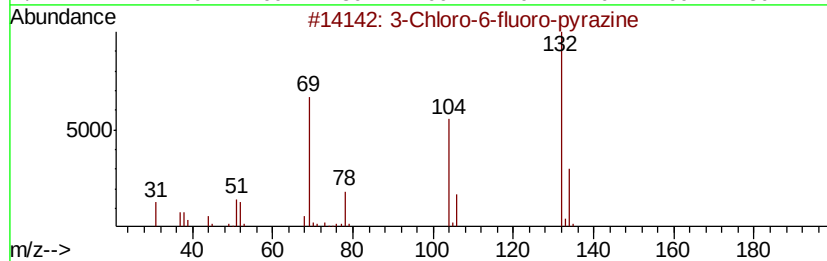
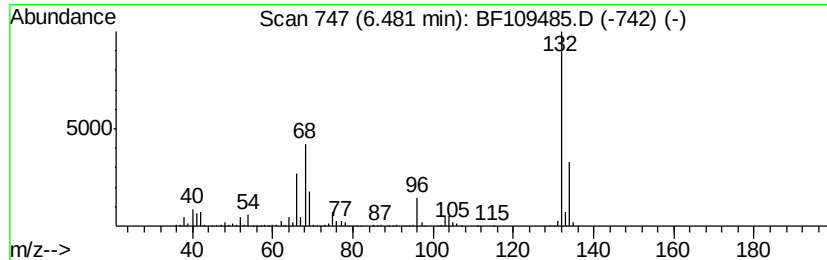
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	86.10 ng	2579320	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109485.D
Acq On : 1 Oct 2018 20:50
Operator : JU/SJ
Sample : J5170-25
Misc :
ALS Vial : 15 Sample Multiplier: 1

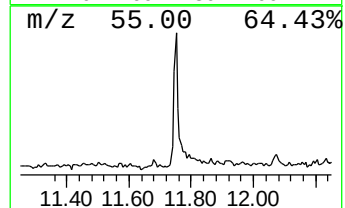
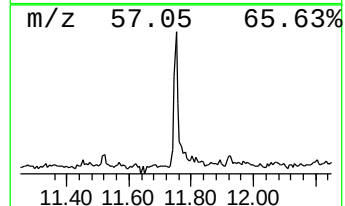
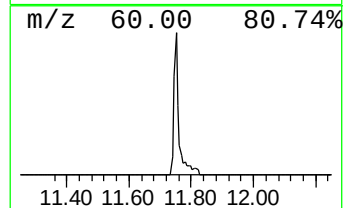
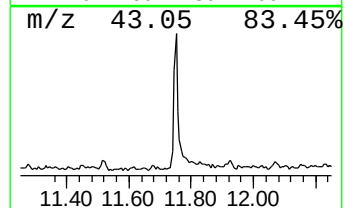
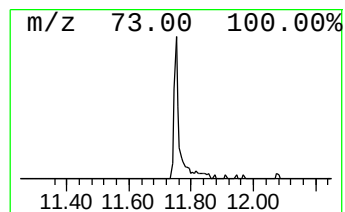
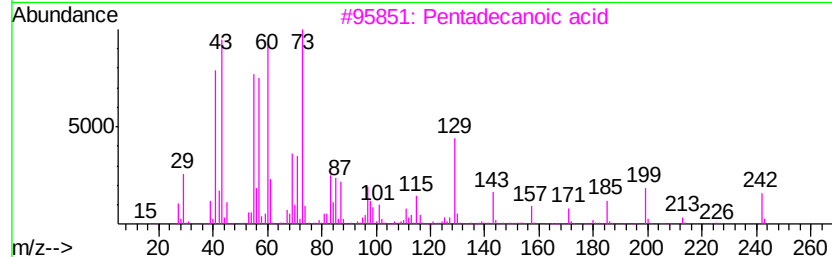
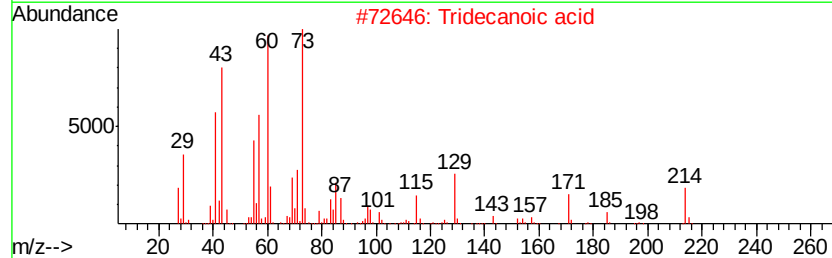
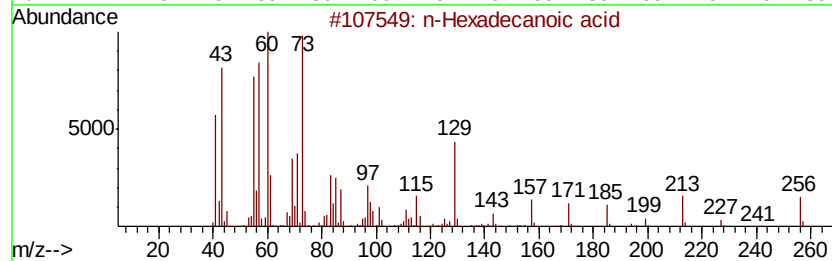
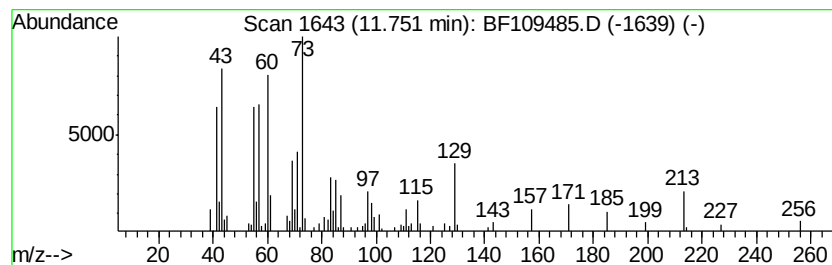
Instrument :
BNA_F
ClientSampleId :
HC-SOIL-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.75	3.61 ng	121023	Phenanthrene-d10	11.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109485.D
Acq On : 1 Oct 2018 20:50
Operator : JU/SJ
Sample : J5170-25
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-5

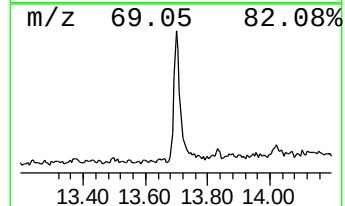
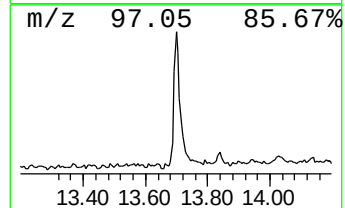
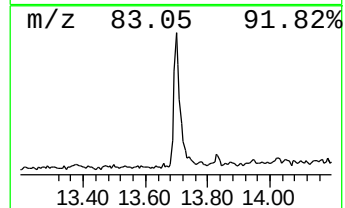
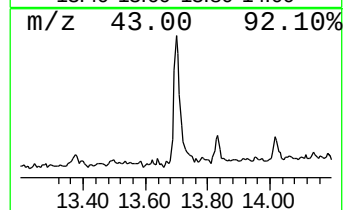
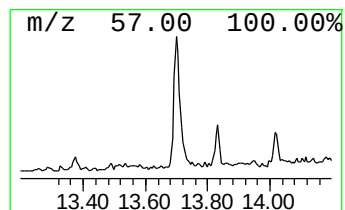
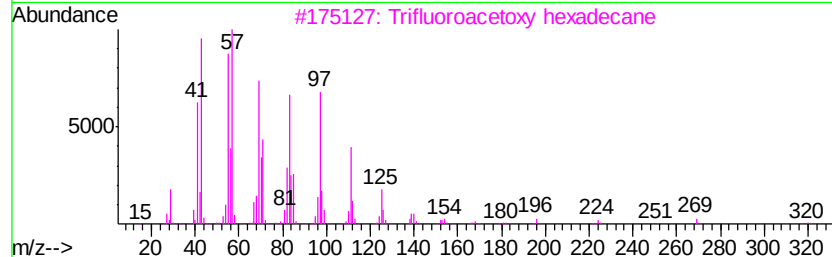
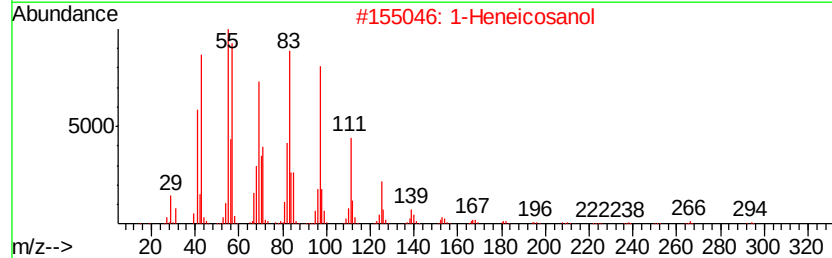
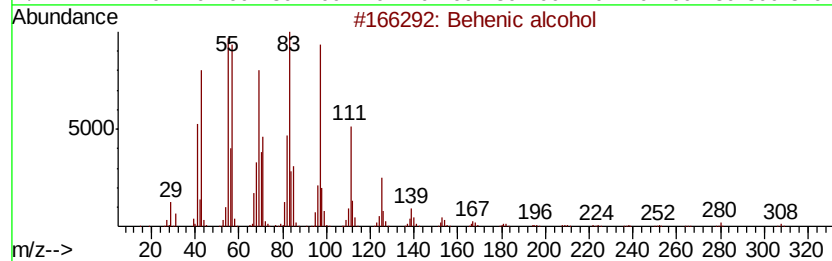
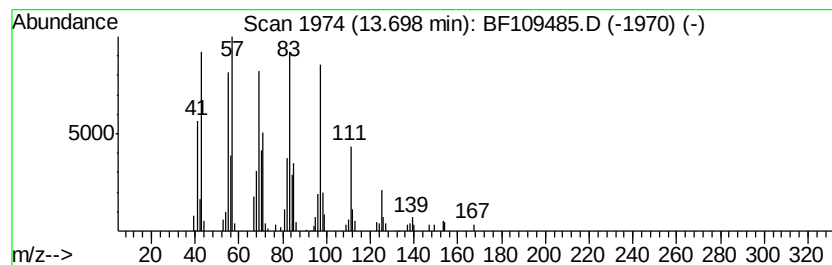
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	5.35 ng	181055	Chrysene-d12	13.84

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	94
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5		1-Heptacosanol	396	C27H56O	002004-39-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109485.D
Acq On : 1 Oct 2018 20:50
Operator : JU/SJ
Sample : J5170-25
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-5

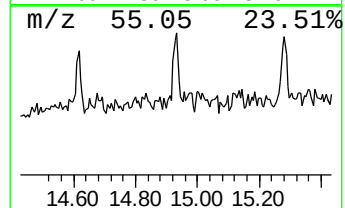
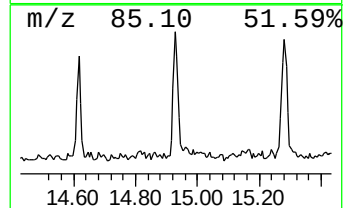
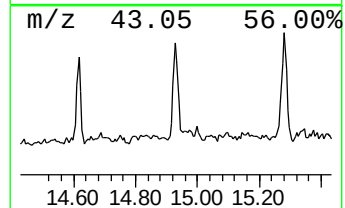
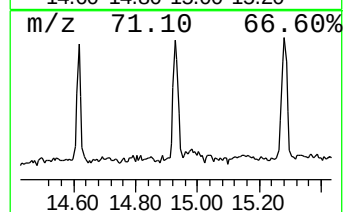
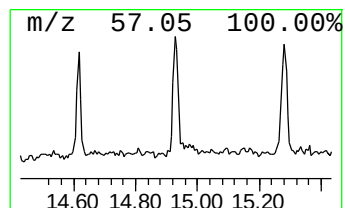
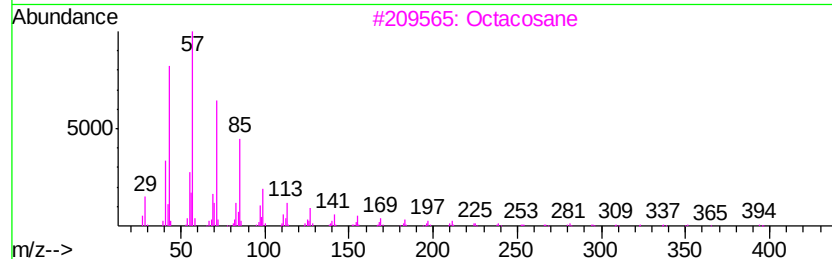
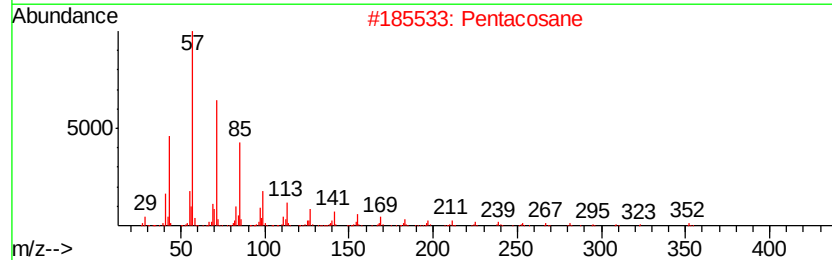
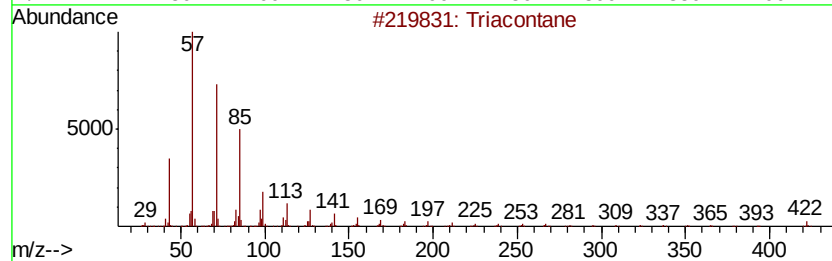
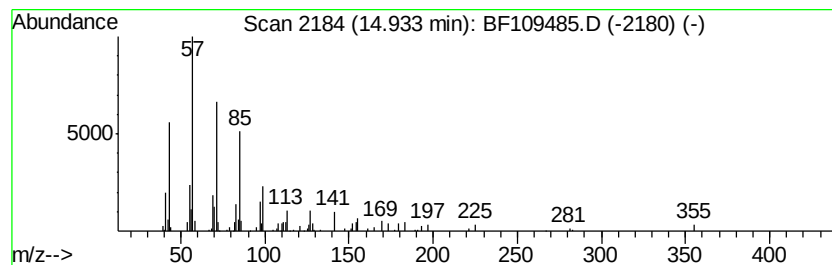
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Triacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	2.25 ng	52638	Perylene-d12	15.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Triacontane	422	C30H62	000638-68-6	90
2		Pentacosane	352	C25H52	000629-99-2	87
3		Octacosane	394	C28H58	000630-02-4	83
4		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80
5		Docosane	310	C22H46	000629-97-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109485.D
Acq On : 1 Oct 2018 20:50
Operator : JU/SJ
Sample : J5170-25
Misc :
ALS Vial : 15 Sample Multiplier: 1

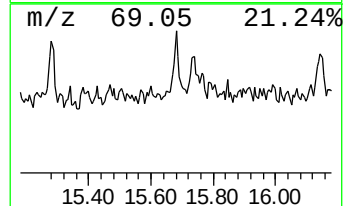
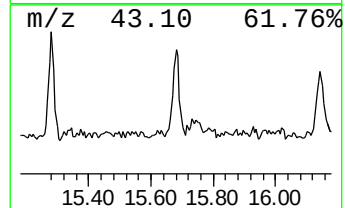
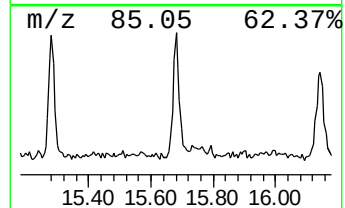
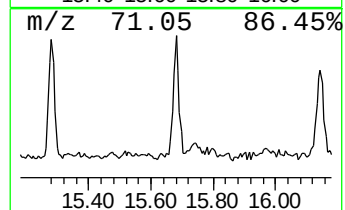
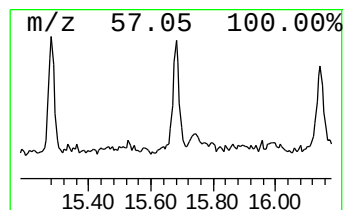
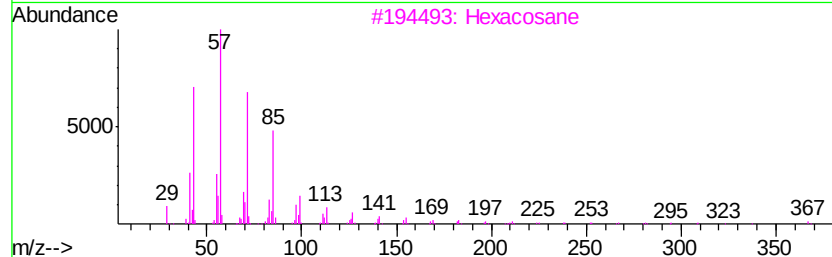
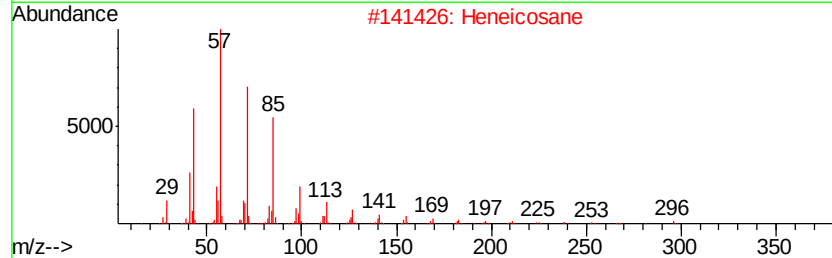
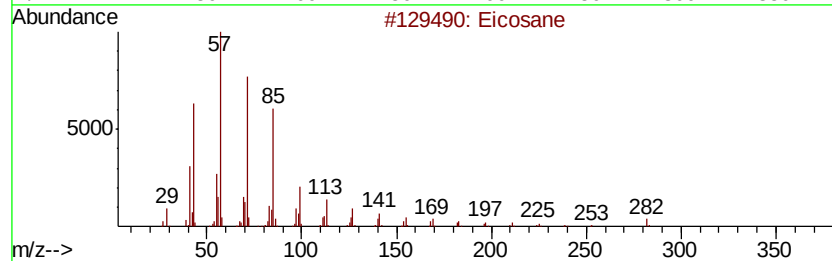
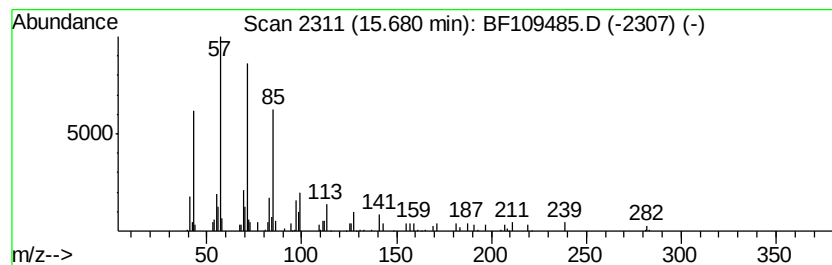
Instrument :
BNA_F
ClientSampleId :
HC-SOIL-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.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 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.68	2.75 ng	64269	Perylene-d12		15.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Triacontane	422	C30H62	000638-68-6	90
5	Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109485.D
Acq On : 1 Oct 2018 20:50
Operator : JU/SJ
Sample : J5170-25
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-5

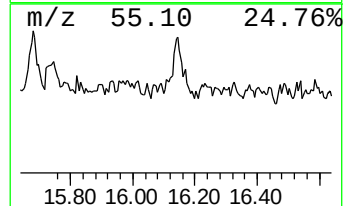
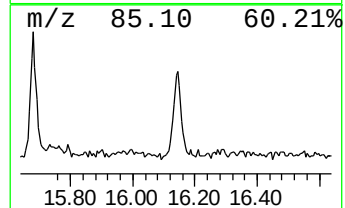
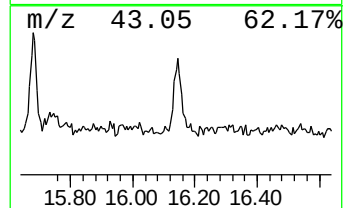
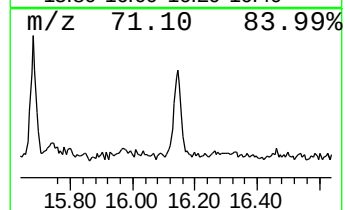
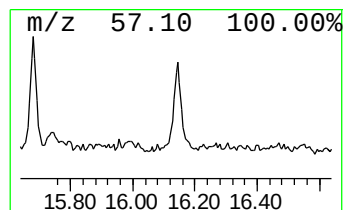
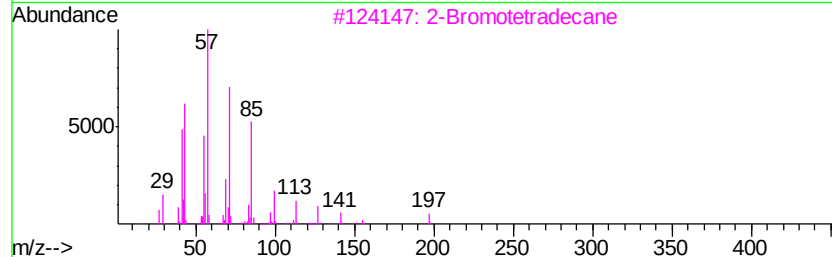
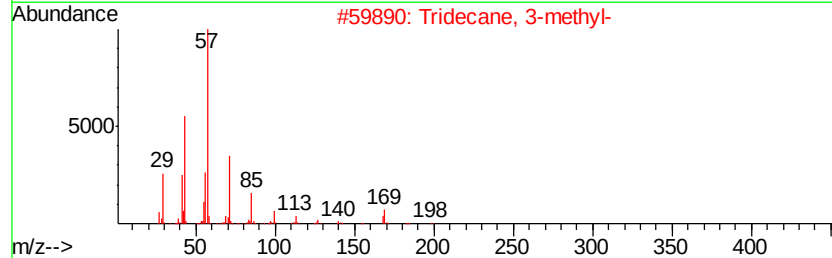
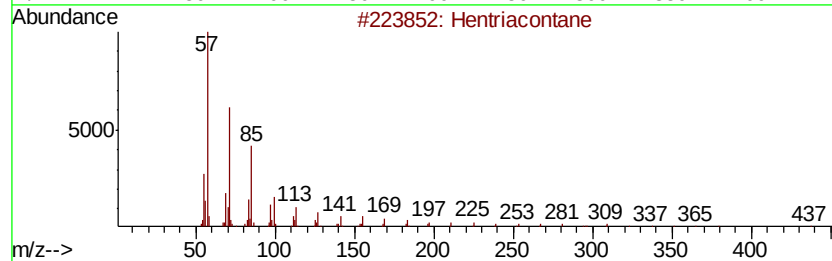
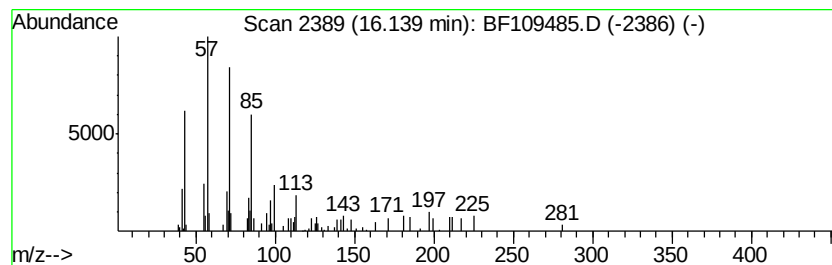
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hentriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	2.10 ng	49202	Perylene-d12	15.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	86
2	Tridecane, 3-methyl-		198	C14H30	006418-41-3	80
3	2-Bromotetradecane		276	C14H29Br	074036-95-6	80
4	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	64
5	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100118\
Data File : BF109485.D
Acq On : 1 Oct 2018 20:50
Operator : JU/SJ
Sample : J5170-25
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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...	4.91	3.1	ng	92143	1	6.70	599167	20.0
unknown6.48	6.48	86.1	ng	2579320	1	6.70	599167	20.0
n-Hexadecanoic acid	11.75	3.6	ng	121023	4	11.21	671187	20.0
Behenic alcohol	13.70	5.3	ng	181055	5	13.84	676788	20.0
Triacontane	14.93	2.3	ng	52638	6	15.24	468071	20.0
Eicosane	15.68	2.8	ng	64269	6	15.24	468071	20.0
Hentriacontane	16.14	2.1	ng	49202	6	15.24	468071	20.0