

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF110517\
 Data File : BF100221.D
 Acq On : 5 Nov 2017 14:04
 Operator : SJ/JU
 Sample : I6267-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-S001-0001-01

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	4.987	490	493	522	rBV	142895	272942	13.33%	1.476%
2	5.393	559	562	595	rBV	1283236	1813563	88.54%	9.810%
3	6.416	733	736	754	rBV	1492513	1820936	88.90%	9.850%
4	6.540	754	757	768	rVB	1941326	1911313	93.31%	10.339%
5	6.763	792	795	806	rBV	520762	494478	24.14%	2.675%
6	6.916	818	821	842	rBV	1620168	1501891	73.33%	8.124%
7	7.340	889	893	914	rBV	982826	1111907	54.29%	6.015%
8	8.045	1010	1013	1030	rBV	699666	665663	32.50%	3.601%
9	9.116	1191	1195	1198	rBV	2389337	2048264	100.00%	11.079%
10	9.516	1260	1263	1270	rVB	105502	92025	4.49%	0.498%
11	9.798	1307	1311	1321	rBV	691821	697764	34.07%	3.774%
12	10.592	1443	1446	1458	rBV	1052655	1011353	49.38%	5.471%
13	10.680	1458	1461	1470	rVB	20149	24659	1.20%	0.133%
14	10.945	1503	1506	1512	rBV2	17793	24401	1.19%	0.132%
15	11.286	1561	1564	1573	rVB	639908	603453	29.46%	3.264%
16	11.804	1648	1652	1664	rBV2	332260	326694	15.95%	1.767%
17	12.504	1766	1771	1774	rBV3	61460	92267	4.50%	0.499%
18	12.586	1782	1785	1791	rBV	137963	154883	7.56%	0.838%
19	12.869	1829	1833	1836	rBV	1438757	1363761	66.58%	7.377%
20	13.739	1978	1981	1986	rBV	157309	175748	8.58%	0.951%
21	13.880	2003	2005	2011	rVB	30843	26832	1.31%	0.145%
22	13.939	2012	2015	2022	rBV	503105	489481	23.90%	2.648%
23	14.980	2189	2192	2195	rBV	181850	170615	8.33%	0.923%
24	15.398	2259	2263	2271	rVB	370019	519977	25.39%	2.813%
25	15.751	2319	2323	2329	rVB	184475	272283	13.29%	1.473%
26	15.804	2329	2332	2340	rBV4	60019	119111	5.82%	0.644%
27	16.509	2448	2452	2459	rVB2	88777	165170	8.06%	0.893%
28	17.498	2614	2620	2625	rBV3	85177	182984	8.93%	0.990%
29	17.598	2632	2637	2647	rVB6	134967	332663	16.24%	1.799%

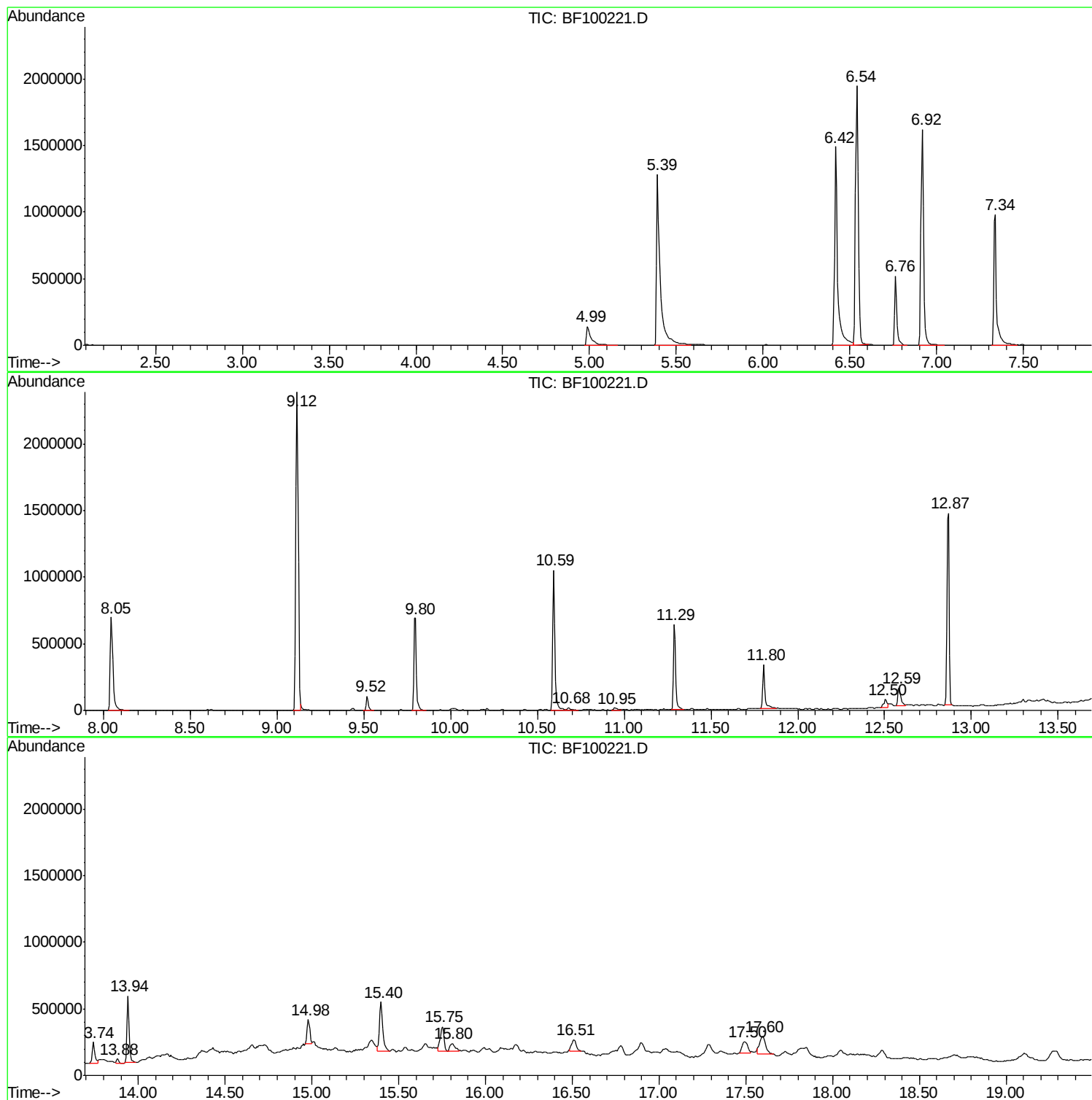
Sum of corrected areas: 18487081

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110517\
Data File : BF100221.D
Acq On : 5 Nov 2017 14:04
Operator : SJ/JU
Sample : I6267-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01

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\BF110517\
Data File : BF100221.D
Acq On : 5 Nov 2017 14:04
Operator : SJ/JU
Sample : I6267-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01

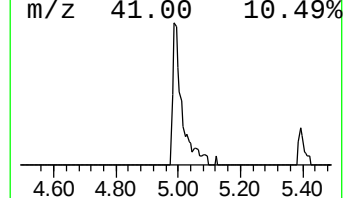
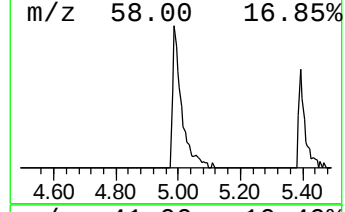
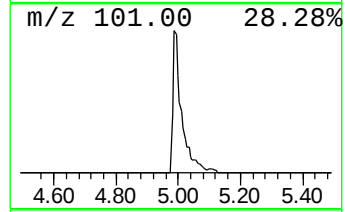
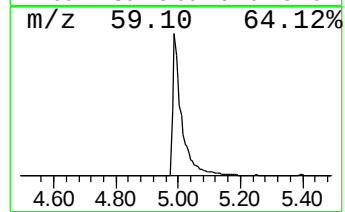
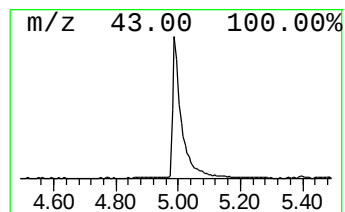
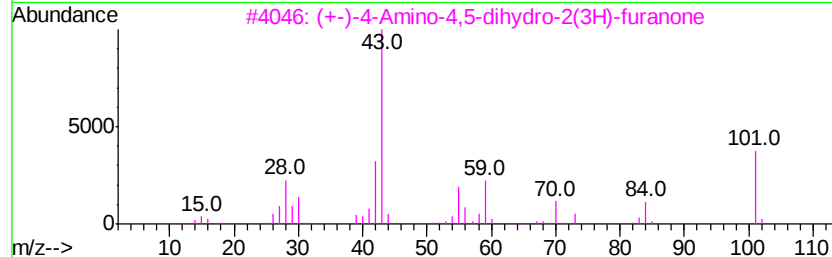
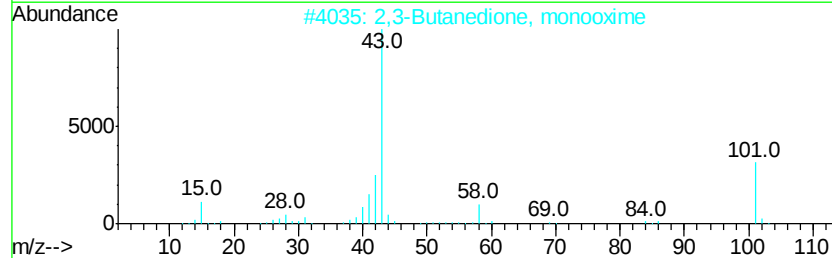
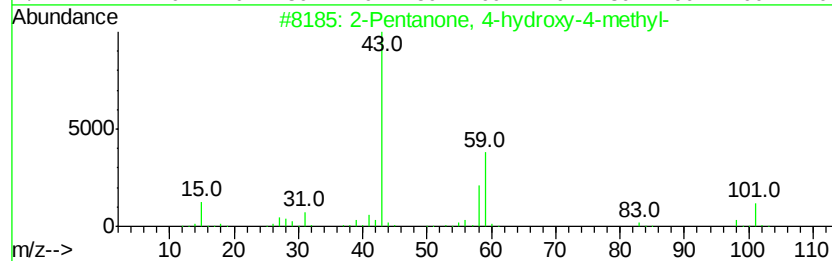
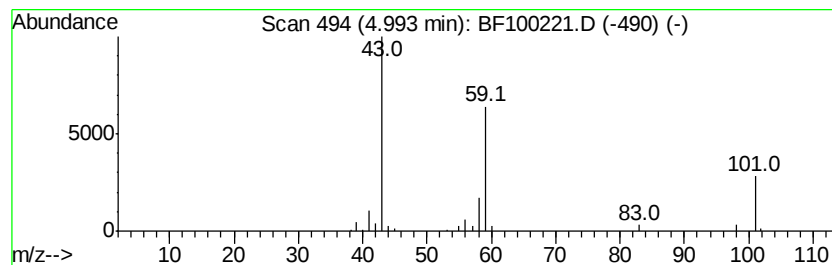
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	11.04 ng	272942	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	40
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3			(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	9
4			5-Hexen-2-one	98	C6H10O	000109-49-9	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110517\
Data File : BF100221.D
Acq On : 5 Nov 2017 14:04
Operator : SJ/JU
Sample : I6267-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01

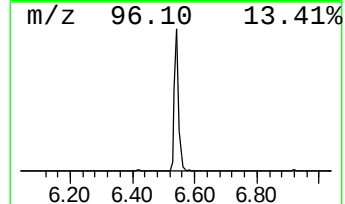
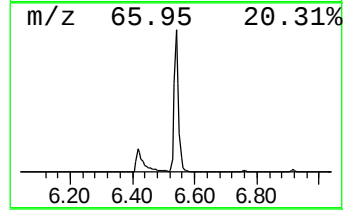
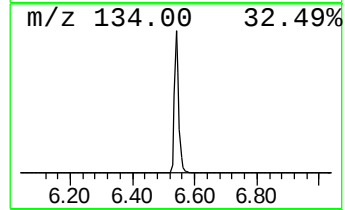
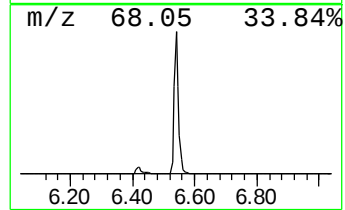
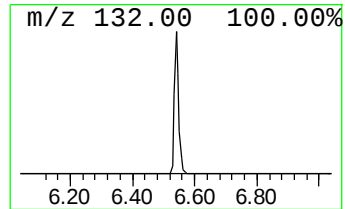
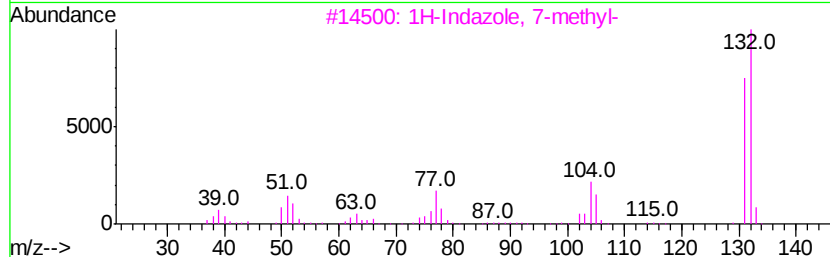
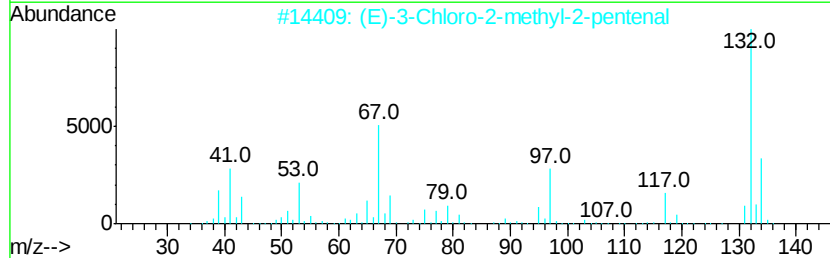
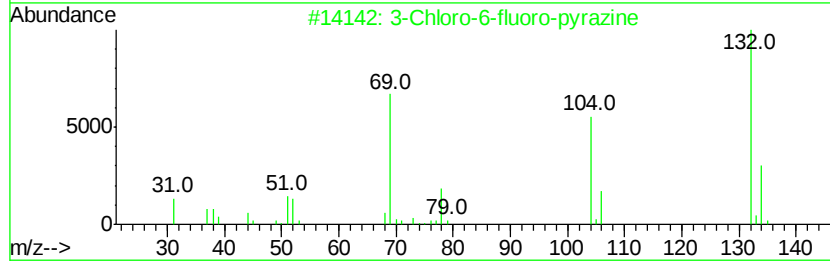
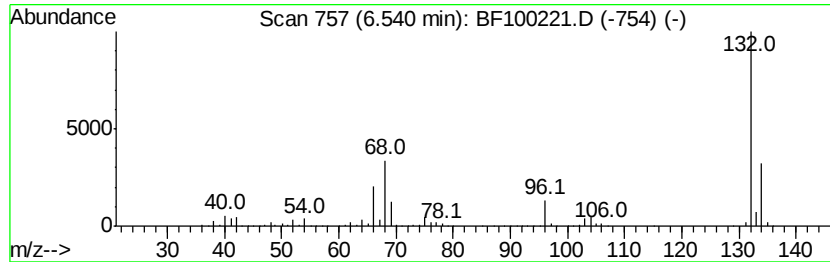
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	77.31 ng	1911310	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		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110517\
Data File : BF100221.D
Acq On : 5 Nov 2017 14:04
Operator : SJ/JU
Sample : I6267-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

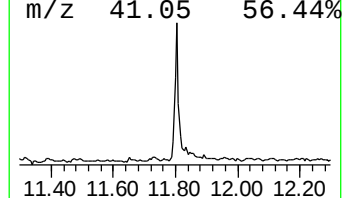
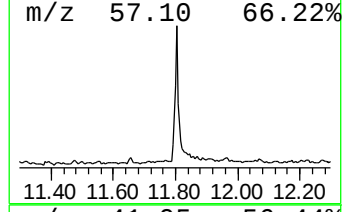
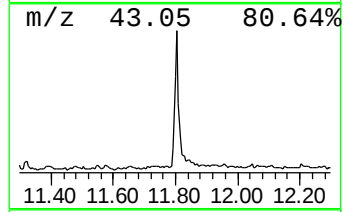
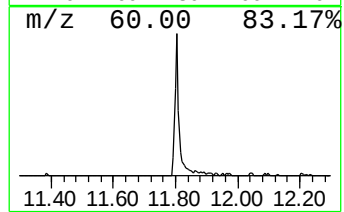
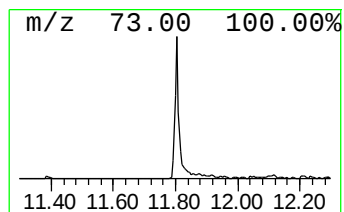
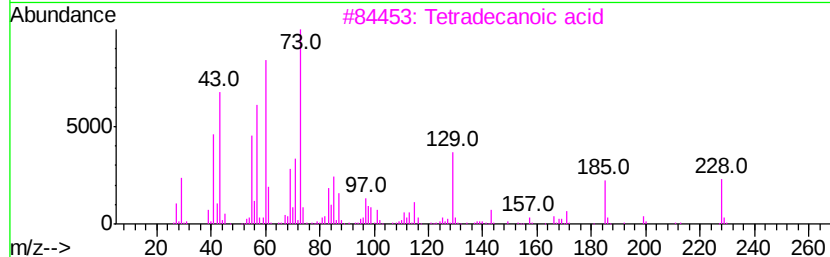
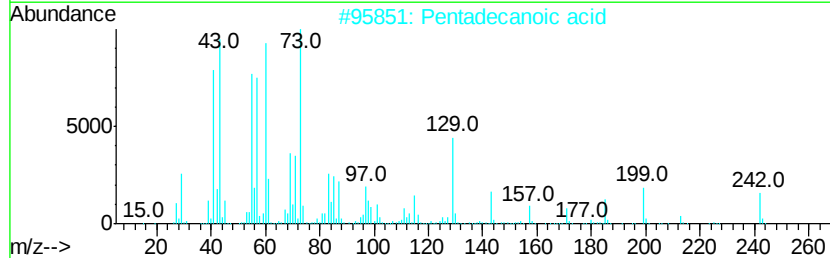
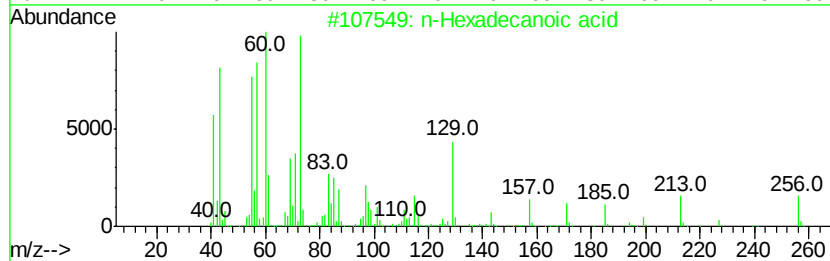
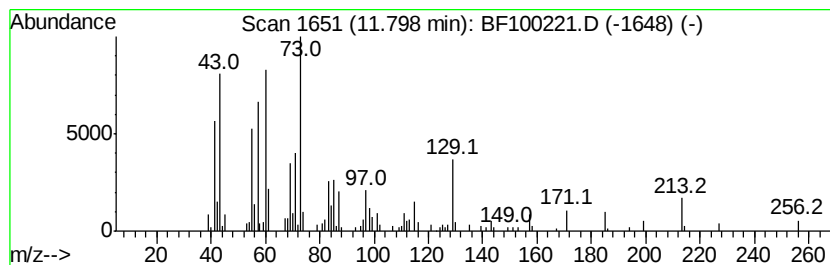
Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01

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 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.80	10.83 ng	326694	Phenanthrene-d10	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	20



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110517\
Data File : BF100221.D
Acq On : 5 Nov 2017 14:04
Operator : SJ/JU
Sample : I6267-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

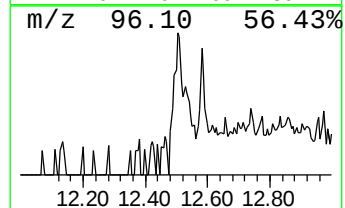
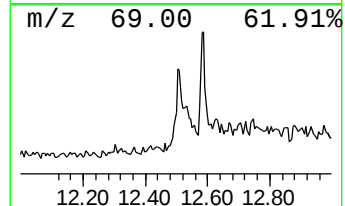
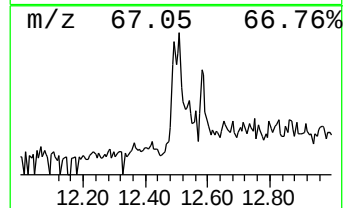
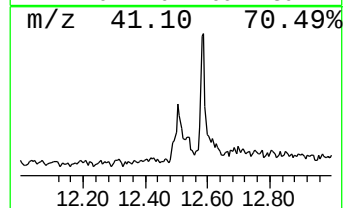
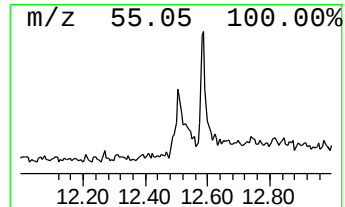
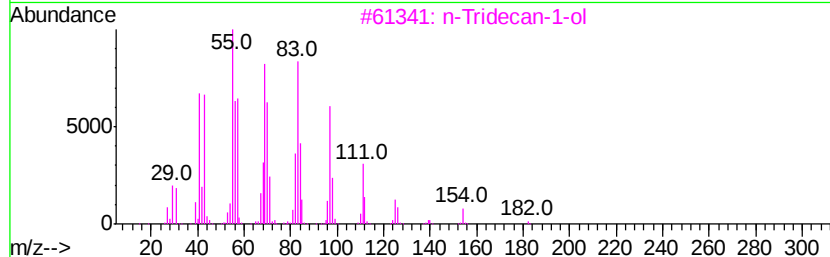
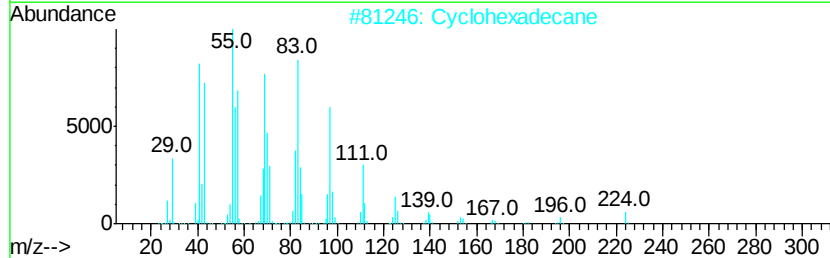
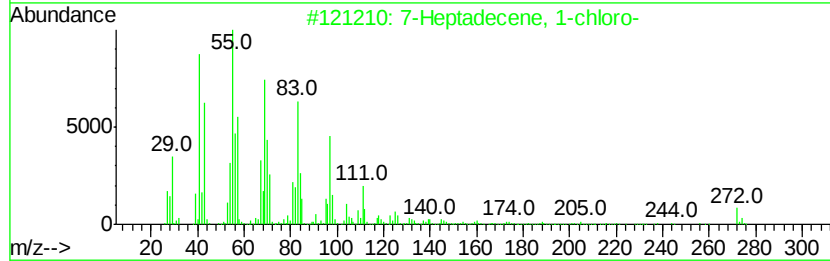
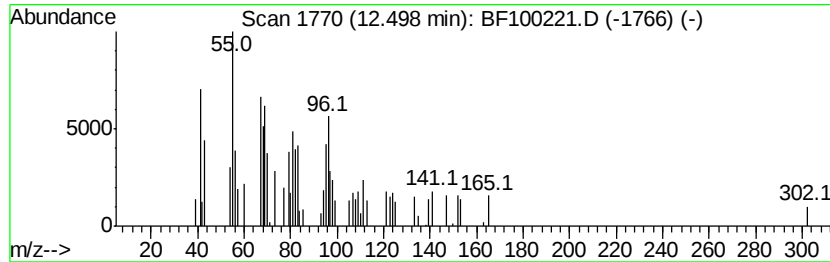
Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01

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 7-Heptadecene, 1-chloro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.50	3.06 ng	92267	Phenanthrene-d10	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Heptadecene, 1-chloro-	272	C17H33Cl	056554-78-0	74
2	Cyclohexadecane	224	C16H32	000295-65-8	68
3	n-Tridecan-1-ol	200	C13H28O	000112-70-9	68
4	1-Tetradecanol	214	C14H30O	000112-72-1	68
5	Cyclotetradecane	196	C14H28	000295-17-0	64



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110517\
Data File : BF100221.D
Acq On : 5 Nov 2017 14:04
Operator : SJ/JU
Sample : I6267-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

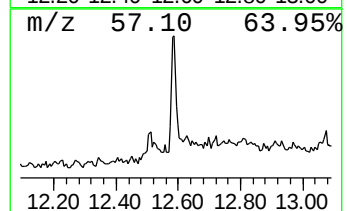
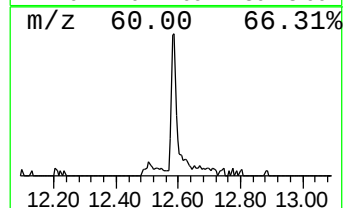
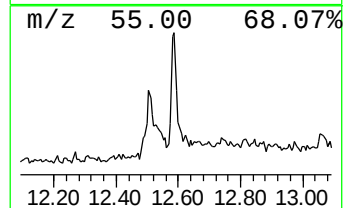
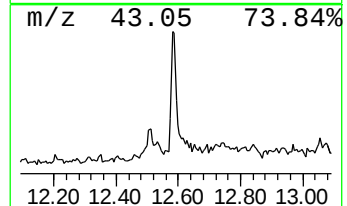
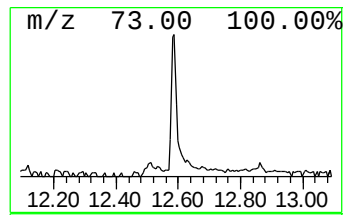
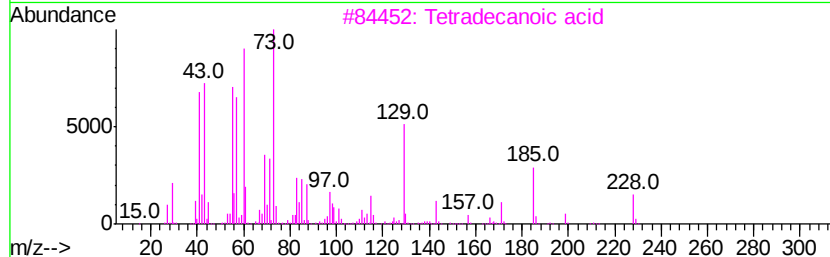
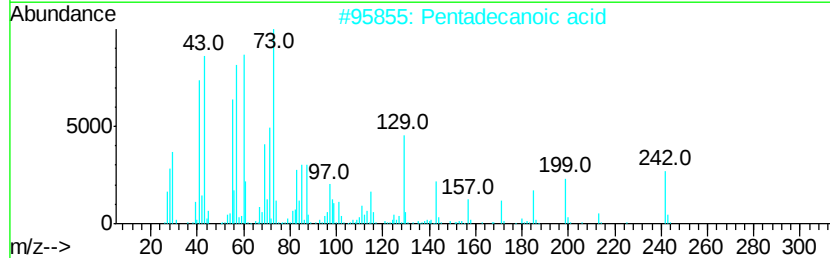
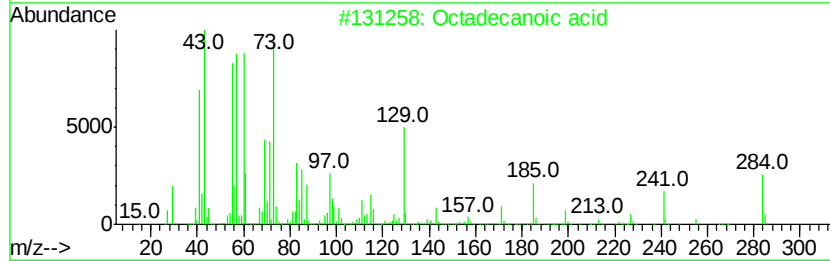
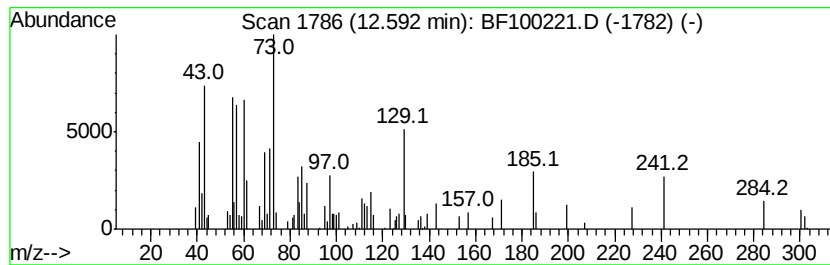
Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01

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 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.		
12.59	5.13 ng	154883	Phenanthrene-d10		11.29		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4			n-Decanoic acid	172	C10H20O2	000334-48-5	60
5			Undecanoic acid	186	C11H22O2	000112-37-8	58



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110517\
 Data File : BF100221.D
 Acq On : 5 Nov 2017 14:04
 Operator : SJ/JU
 Sample : I6267-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-S001-0001-01

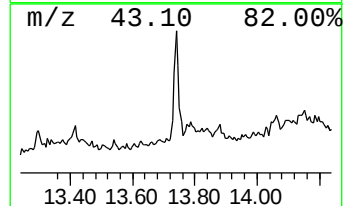
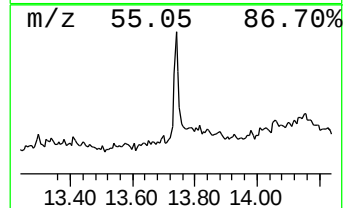
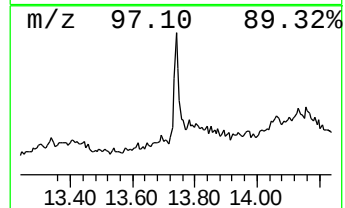
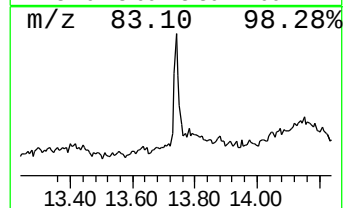
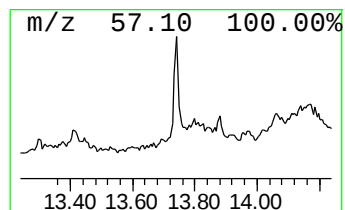
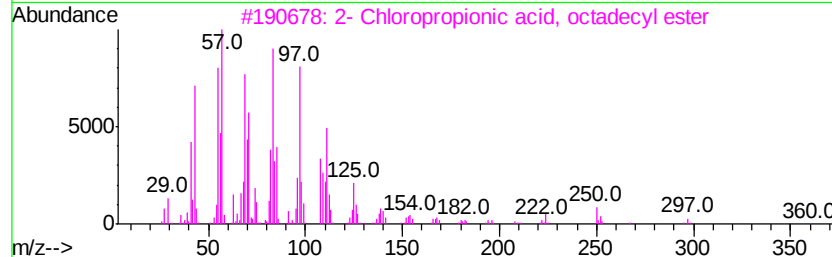
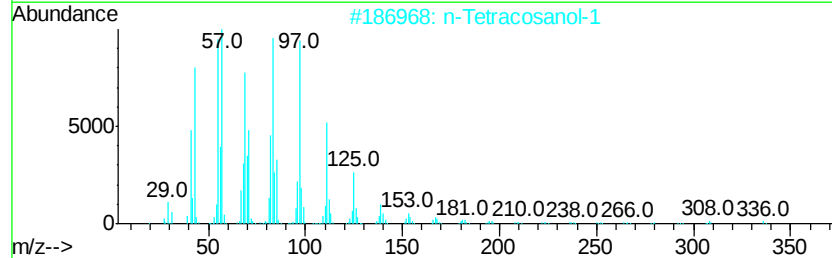
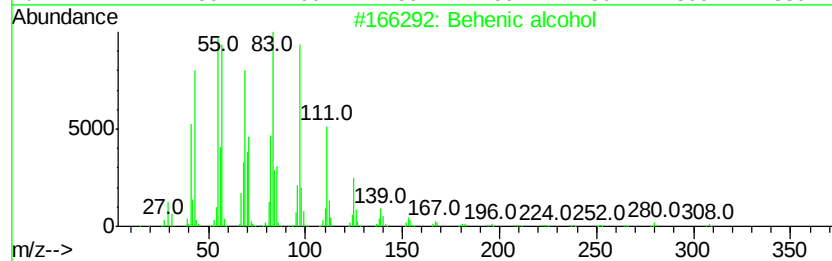
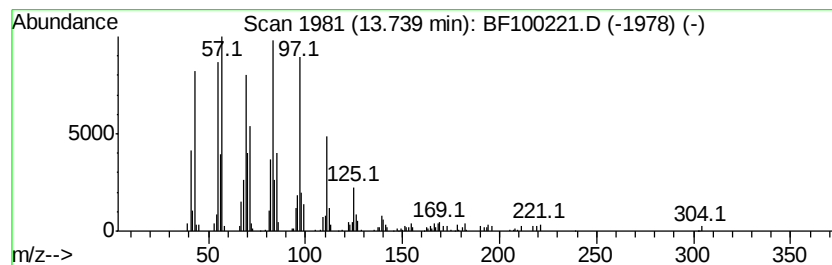
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Behenic alcohol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	7.18 ng	175748	Chrysene-d12	13.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	95
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
4		1-Heptacosanol	396	C27H56O	002004-39-9	93
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	92



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110517\
Data File : BF100221.D
Acq On : 5 Nov 2017 14:04
Operator : SJ/JU
Sample : I6267-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

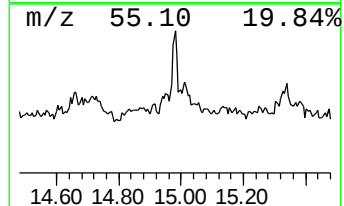
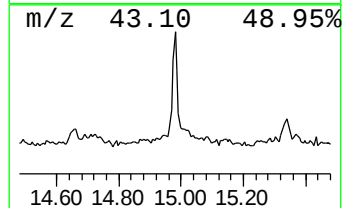
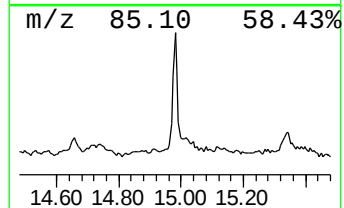
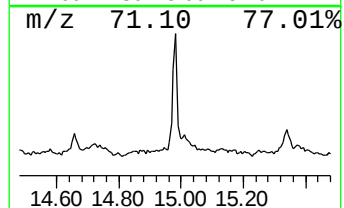
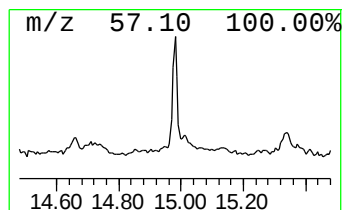
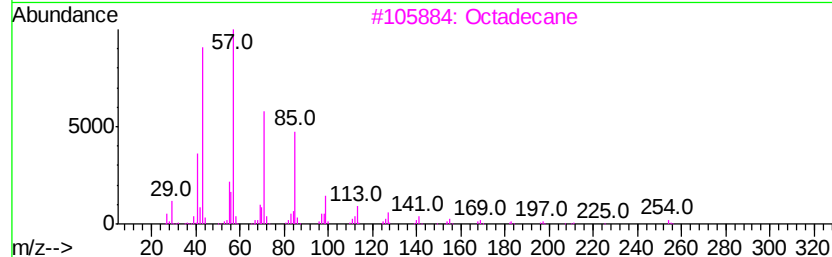
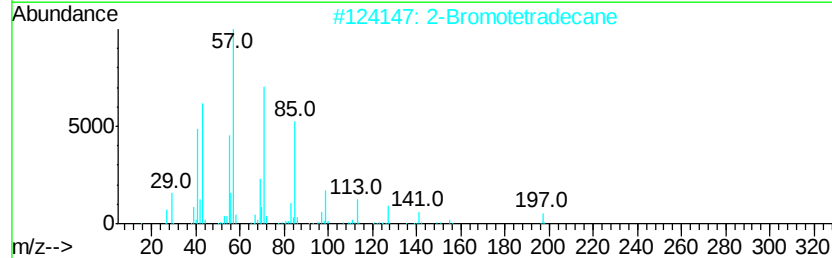
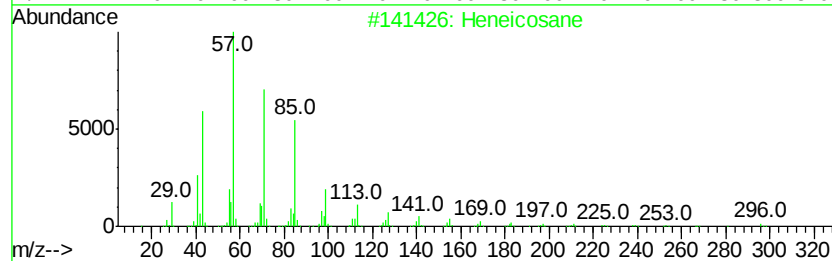
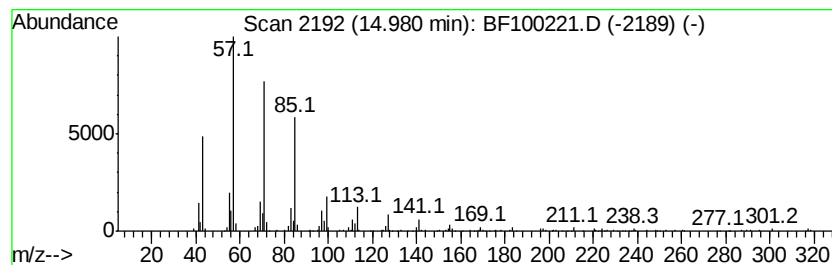
Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01

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 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.98	6.56 ng	170615	Perylene-d12	15.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	91
3	Octadecane	254	C18H38	000593-45-3	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110517\
Data File : BF100221.D
Acq On : 5 Nov 2017 14:04
Operator : SJ/JU
Sample : I6267-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

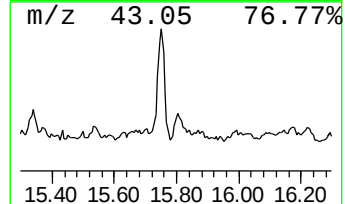
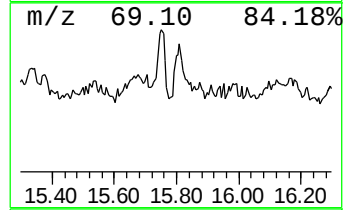
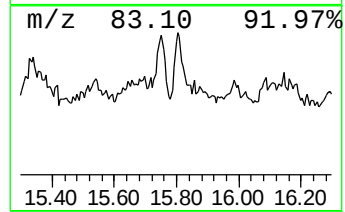
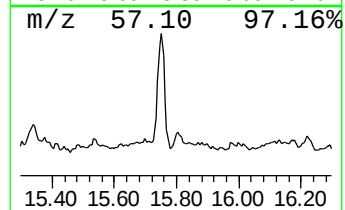
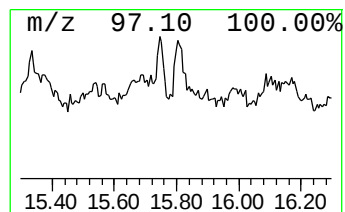
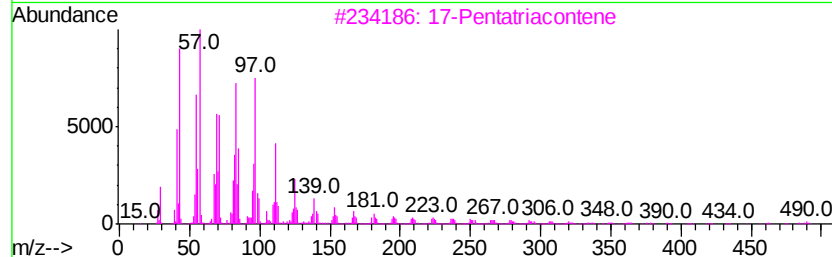
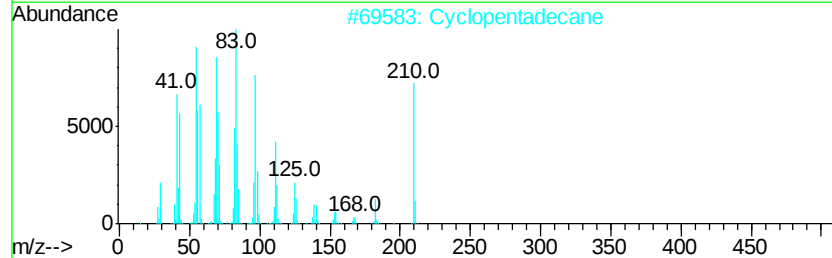
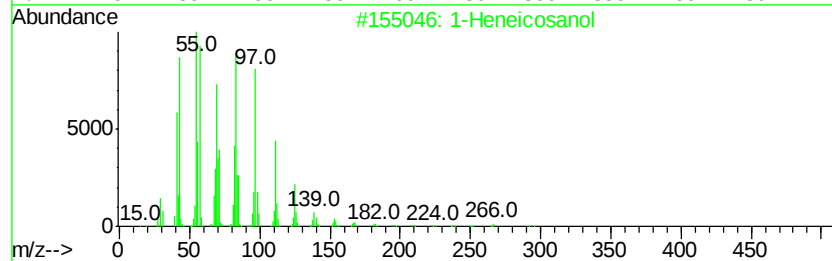
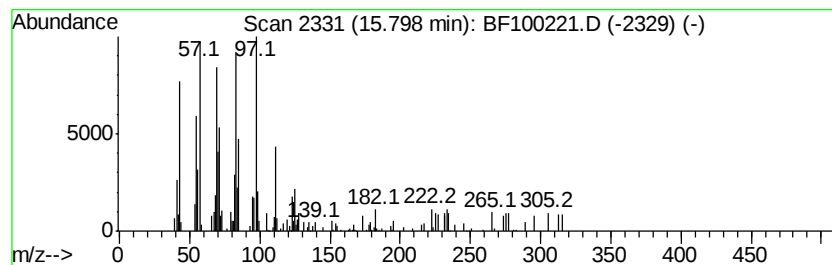
Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01

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 1-Heneicosanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.80	4.58 ng	119111	Perylene-d12		15.40
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	72
2	Cyclopentadecane	210	C15H30	000295-48-7	64
3	17-Pentatriacontene	491	C35H70	006971-40-0	52
4	Octacosyl acetate	452	C30H60O2	018206-97-8	50
5	Octacosanol	410	C28H58O	000557-61-9	49



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110517\
Data File : BF100221.D
Acq On : 5 Nov 2017 14:04
Operator : SJ/JU
Sample : I6267-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01

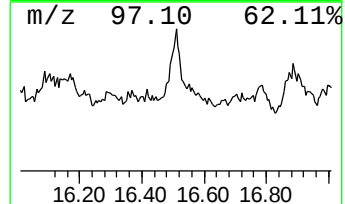
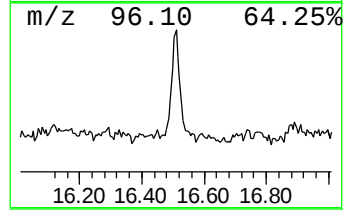
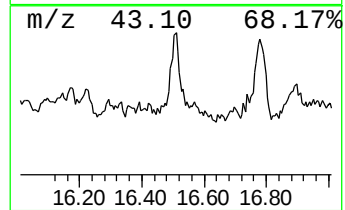
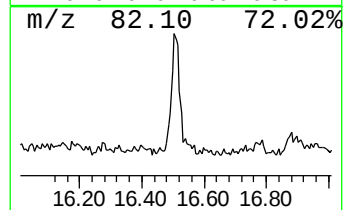
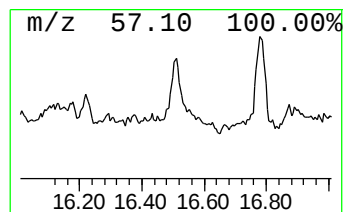
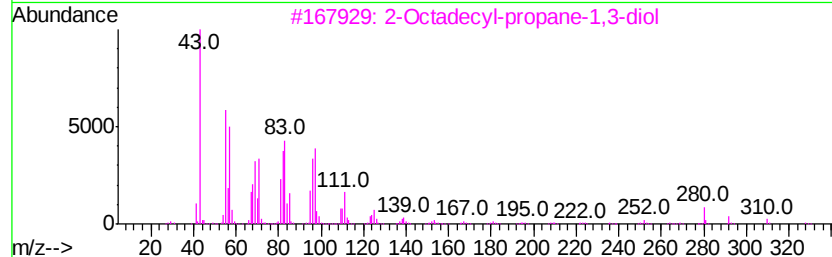
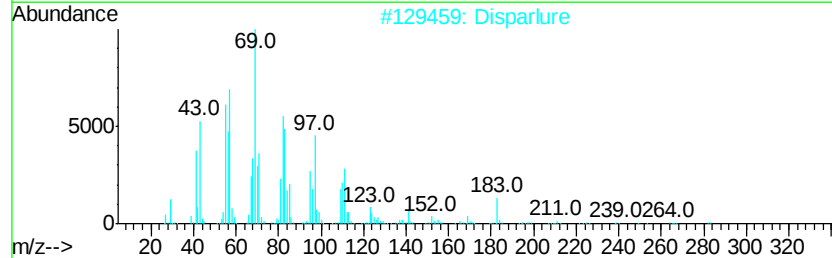
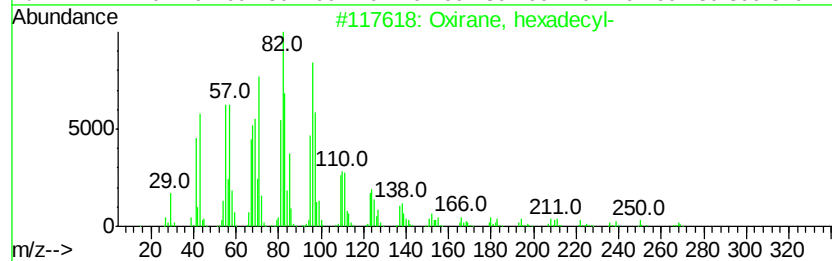
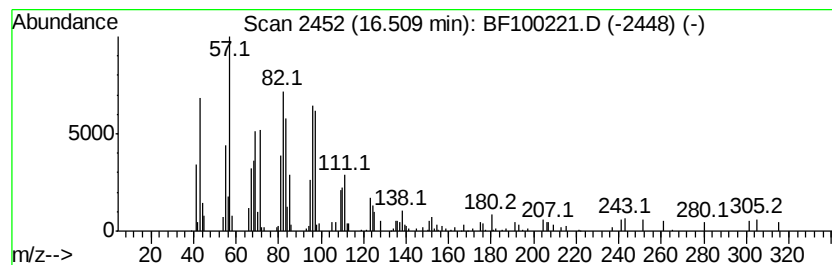
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Oxirane, hexadecyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	6.35 ng	165170	Perylene-d12	15.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	86
2			Disparlure	282	C19H38O	029804-22-6	78
3			2-Octadecyl-propane-1,3-diol	328	C21H44O2	005337-61-1	78
4			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	58
5			Tetradecanal	212	C14H28O	000124-25-4	43



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110517\
Data File : BF100221.D
Acq On : 5 Nov 2017 14:04
Operator : SJ/JU
Sample : I6267-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01

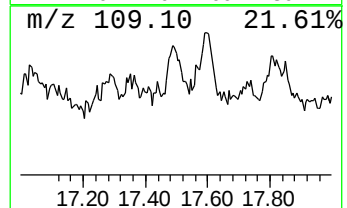
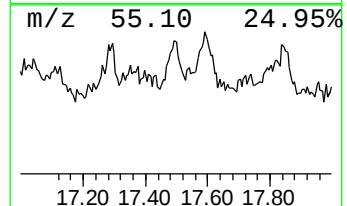
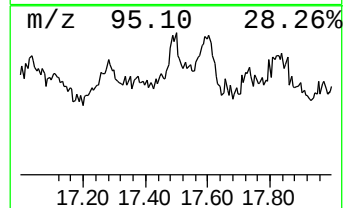
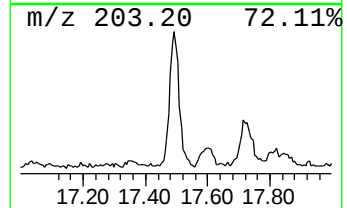
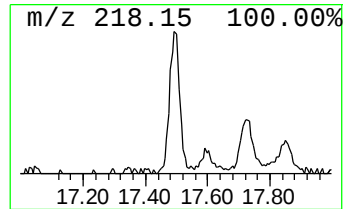
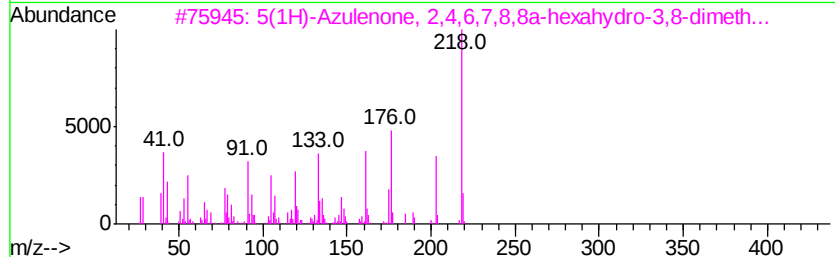
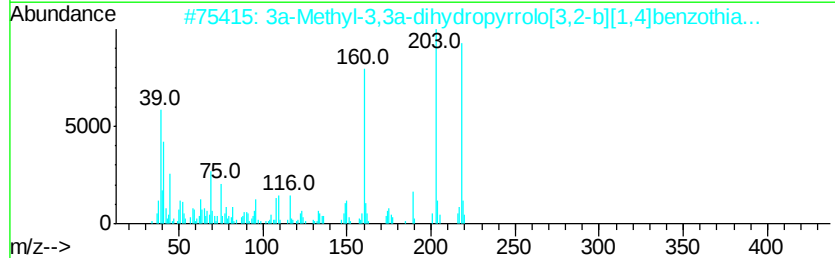
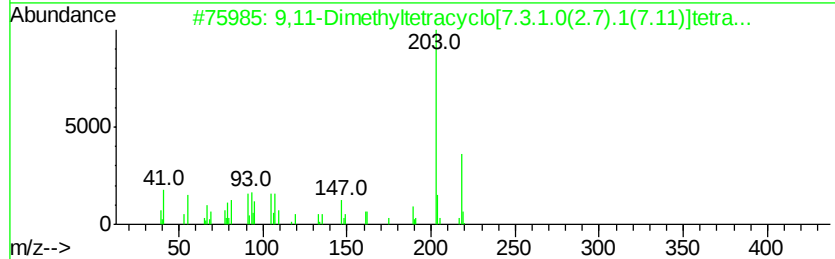
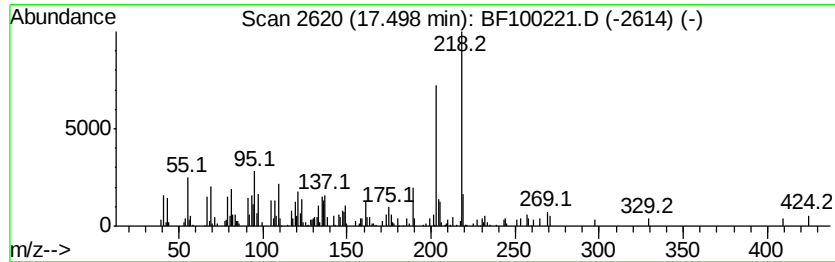
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,11-Dimethyltetracyclo[7.3... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	7.04 ng	182984	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,11-Dimethyltetracyclo[7.3.1.0(...	218	C16H26	053263-99-3	58
2		3a-Methyl-3,3a-dihydropyrrolo[3,...	218	C11H10N2OS	017163-68-7	52
3		5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	50
4		8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	49
5		2H-Cyclopropa[a]naphthalen-2-one...	218	C15H22O	006831-17-0	49



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110517\
Data File : BF100221.D
Acq On : 5 Nov 2017 14:04
Operator : SJ/JU
Sample : I6267-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01

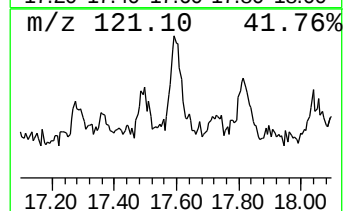
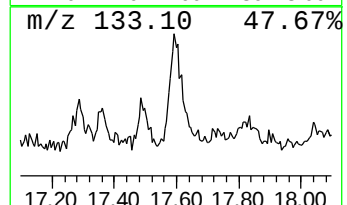
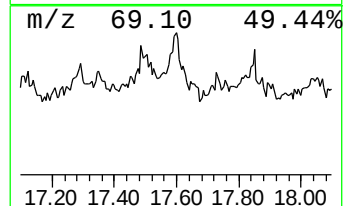
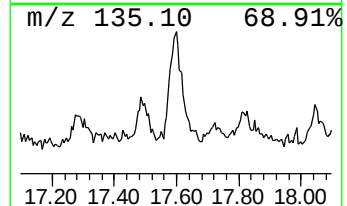
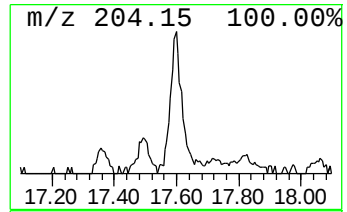
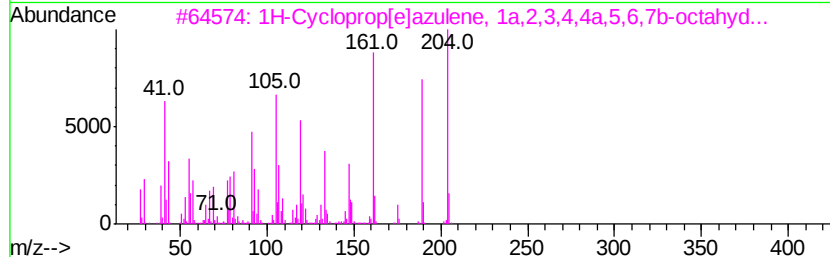
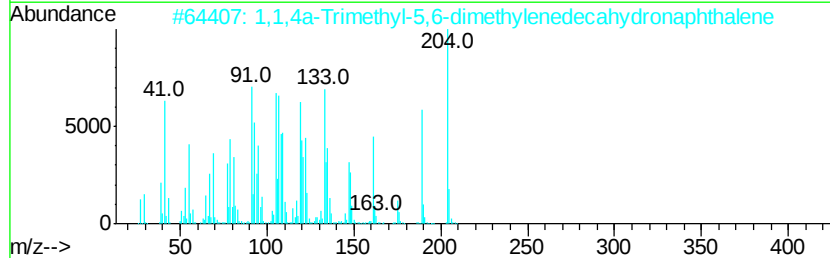
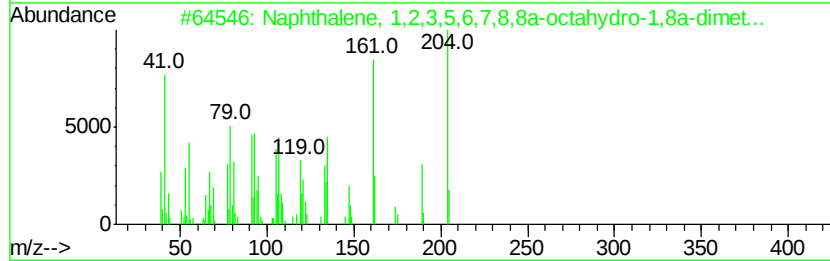
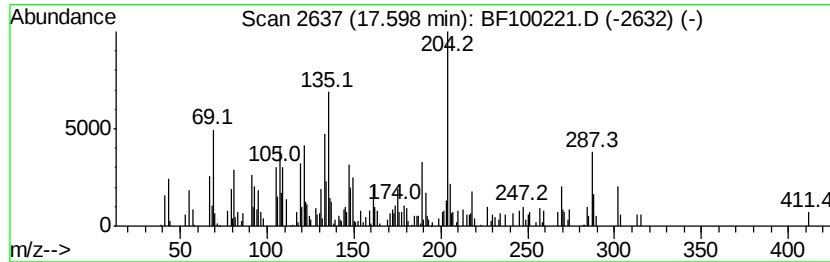
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,2,3,5,6,7,8,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	12.80 ng	332663	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	60
2		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	47
3		1H-Cycloprop[elazulene, 1a,2,3,4...	204	C15H24	000489-40-7	46
4		2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H200	124957-09-1	45
5		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	35



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF110517\
Data File : BF100221.D
Acq On : 5 Nov 2017 14:04
Operator : SJ/JU
Sample : I6267-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01

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...	4.99	11.0	ng	272942	1	6.76	494478	20.0
unknown6.54	6.54	77.3	ng	1911310	1	6.76	494478	20.0
n-Hexadecanoic acid	11.80	10.8	ng	326694	4	11.29	603453	20.0
7-Heptadecene, 1-...	12.50	3.1	ng	92267	4	11.29	603453	20.0
Octadecanoic acid	12.59	5.1	ng	154883	4	11.29	603453	20.0
Behenic alcohol	13.74	7.2	ng	175748	5	13.94	489481	20.0
Heneicosane	14.98	6.6	ng	170615	6	15.40	519977	20.0
1-Heneicosanol	15.80	4.6	ng	119111	6	15.40	519977	20.0
Oxirane, hexadecyl-	16.51	6.3	ng	165170	6	15.40	519977	20.0
9,11-Dimethyltetr...	17.50	7.0	ng	182984	6	15.40	519977	20.0
Naphthalene, 1,2,...	17.60	12.8	ng	332663	6	15.40	519977	20.0