

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF110117\
 Data File : BF100061.D
 Acq On : 1 Nov 2017 22:53
 Operator : SJ/JU
 Sample : I6226-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

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	4.998	492	495	512	rBV	223765	409737	16.67%	1.978%
2	5.404	561	564	600	rBV	1810150	2209103	89.88%	10.665%
3	6.433	734	739	756	rBV	1907154	2195790	89.34%	10.601%
4	6.557	756	760	773	rVB	2334799	2249394	91.52%	10.860%
5	6.781	795	798	807	rBV	585205	523512	21.30%	2.527%
6	6.933	820	824	843	rBV	1922345	1828504	74.40%	8.828%
7	7.357	891	896	914	rBV	1303325	1363906	55.49%	6.585%
8	8.063	1013	1016	1039	rBV	817329	696613	28.34%	3.363%
9	8.627	1109	1112	1120	rBV	60337	61446	2.50%	0.297%
10	9.145	1195	1200	1203	rBV	2482146	2457761	100.00%	11.866%
11	9.539	1263	1267	1279	rBV	395307	315249	12.83%	1.522%
12	9.821	1312	1315	1322	rBV2	803300	716834	29.17%	3.461%
13	10.463	1419	1424	1429	rBV	65244	78381	3.19%	0.378%
14	10.539	1434	1437	1442	rBV	237623	224168	9.12%	1.082%
15	10.627	1448	1452	1455	rBV	1230401	1161654	47.26%	5.608%
16	10.733	1466	1470	1473	rBV	201016	204855	8.34%	0.989%
17	10.868	1490	1493	1496	rBV4	18043	25130	1.02%	0.121%
18	10.951	1502	1507	1511	rVB3	29847	47480	1.93%	0.229%
19	11.216	1548	1552	1559	rVB	291519	311599	12.68%	1.504%
20	11.345	1570	1574	1584	rVB	658585	631673	25.70%	3.050%
21	11.586	1612	1615	1618	rVB	78776	73382	2.99%	0.354%
22	11.686	1630	1632	1639	rVB	40097	47970	1.95%	0.232%
23	11.910	1668	1670	1675	rBV5	25892	35173	1.43%	0.170%
24	12.415	1754	1756	1762	rVB	47935	67395	2.74%	0.325%
25	12.668	1797	1799	1803	rBV2	27041	29511	1.20%	0.142%
26	13.168	1879	1884	1888	rVB2	1562497	1700546	69.19%	8.210%
27	14.404	2090	2094	2104	rVB2	30550	66559	2.71%	0.321%
28	14.604	2123	2128	2140	rBV	413609	501121	20.39%	2.419%
29	16.733	2485	2490	2500	rVB	329725	478968	19.49%	2.312%

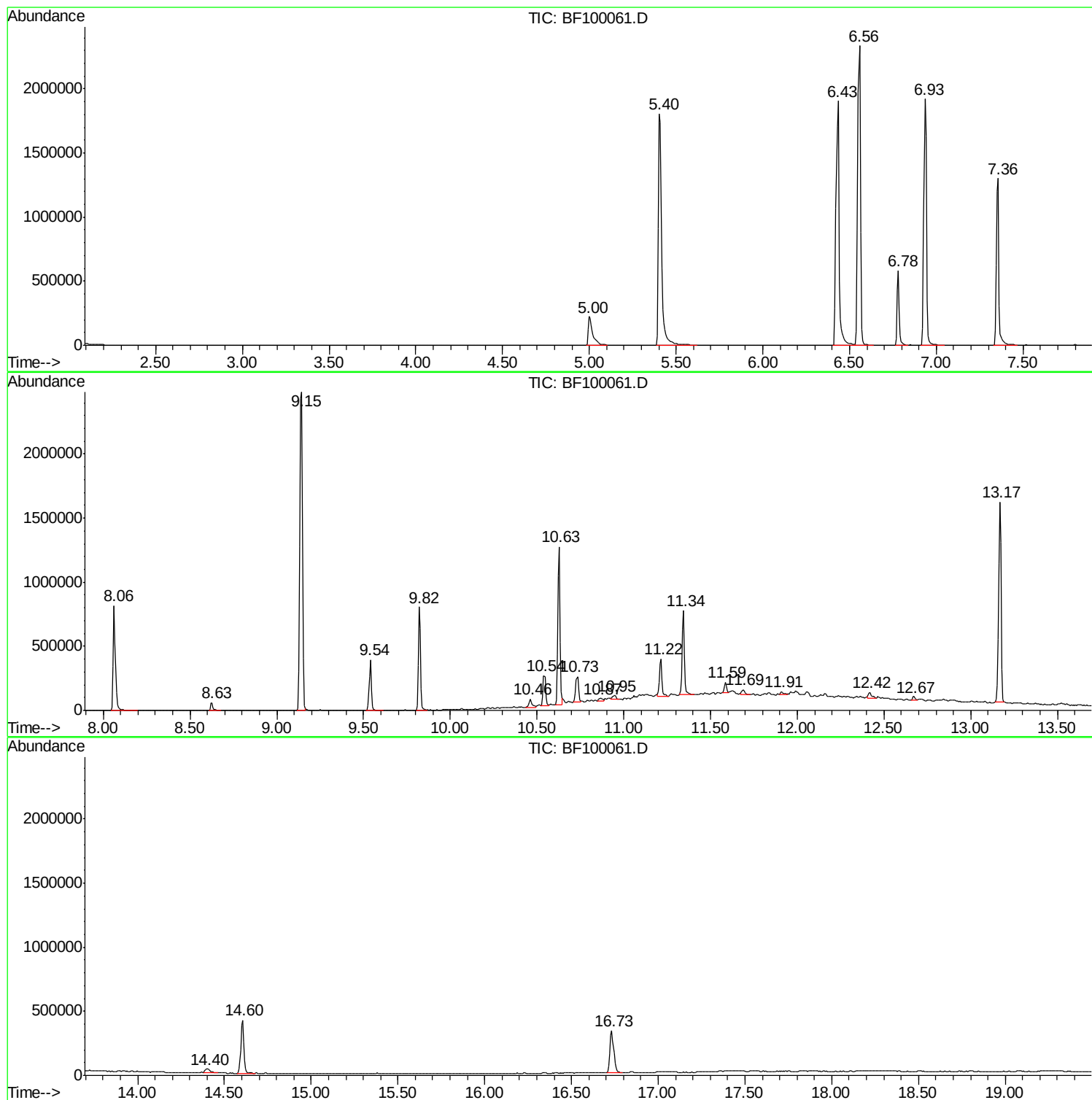
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-2

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



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Instrument :
BNA_F
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TP-2

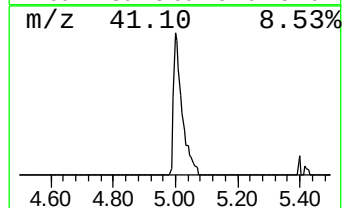
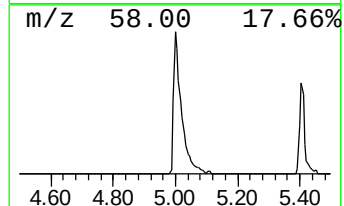
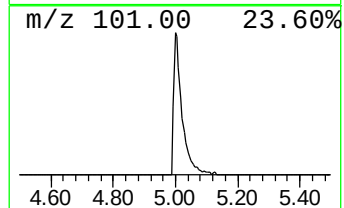
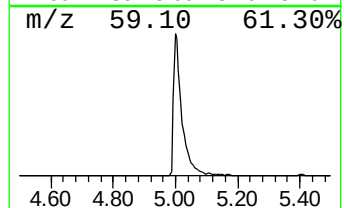
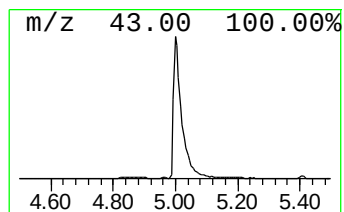
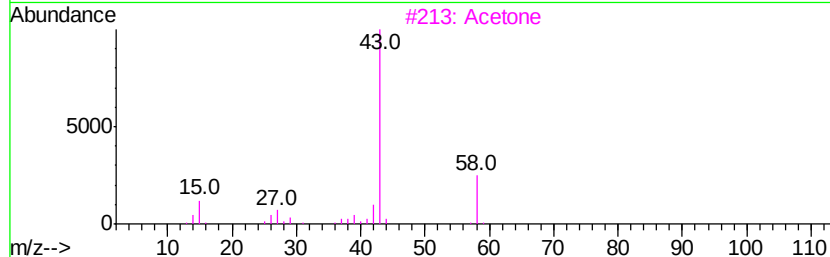
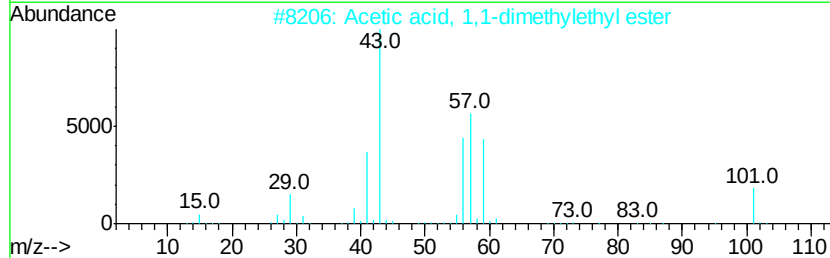
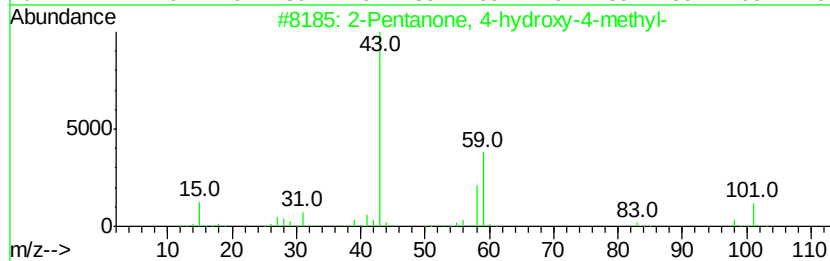
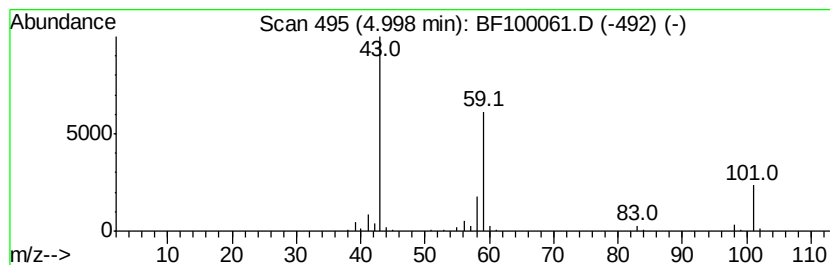
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	15.65 ng	409737	1,4-Dichlorobenzene-d4	6.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Acetone	58	C3H6O	000067-64-1	9
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



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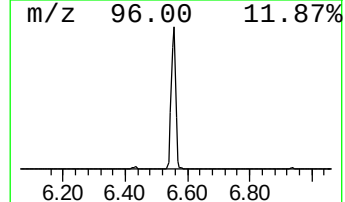
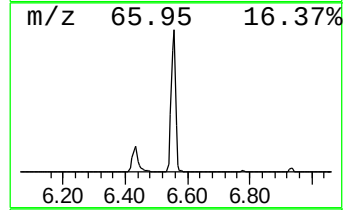
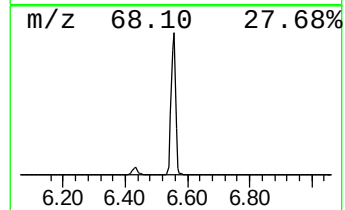
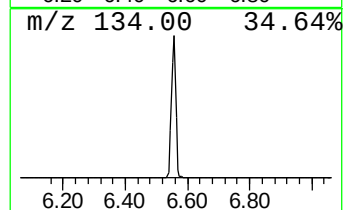
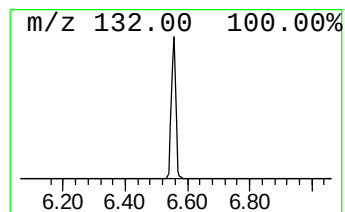
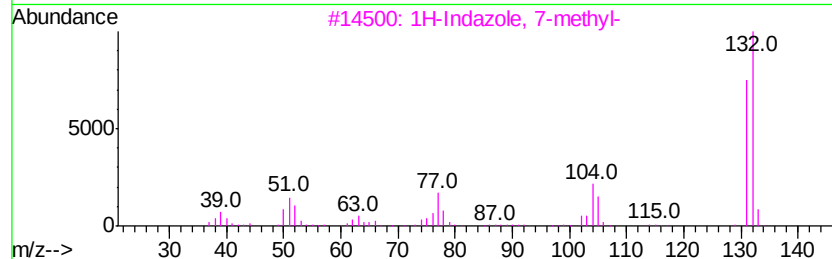
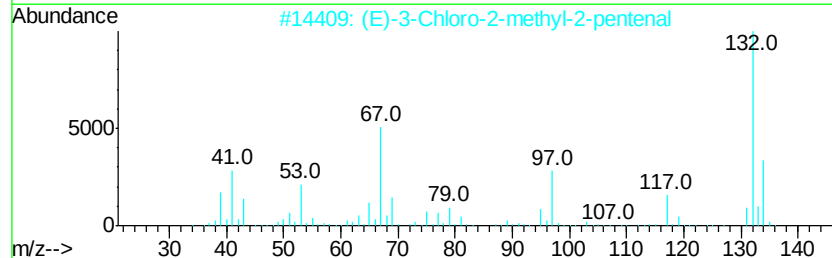
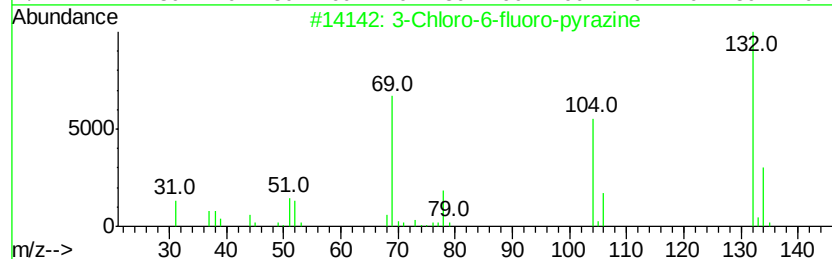
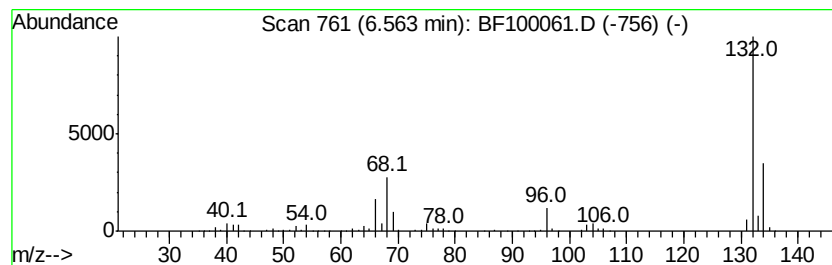
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	85.93 ng	2249390	1,4-Dichlorobenzene-d4	6.78

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	12
3		1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4		Xenon	132	Xe	007440-63-3	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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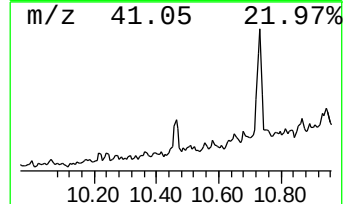
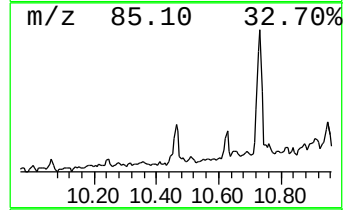
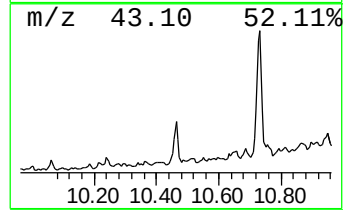
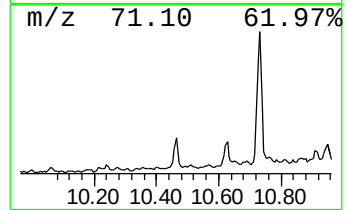
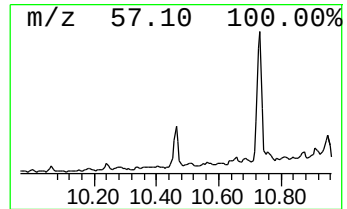
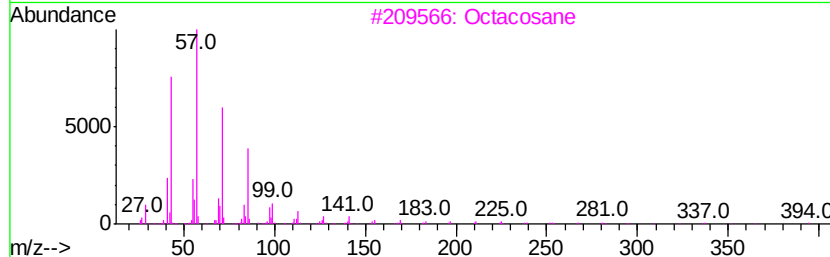
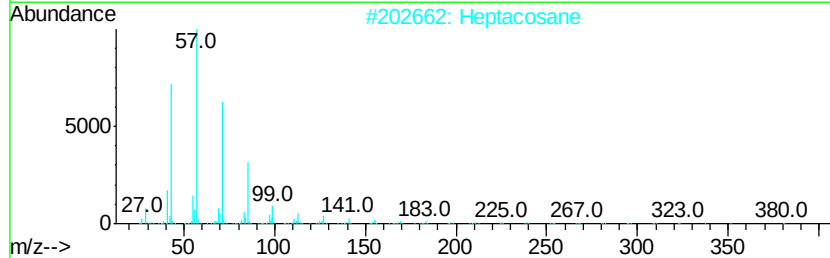
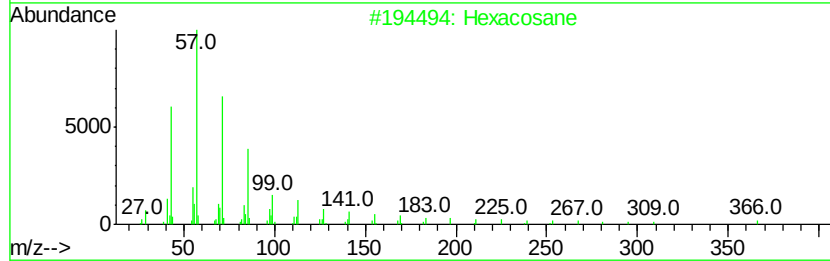
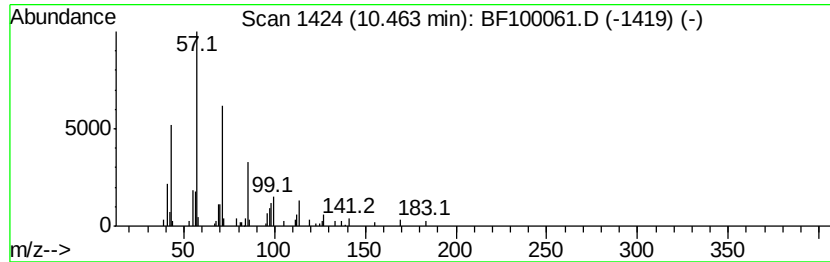
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	2.19 ng	78381	Acenaphthene-d10	9.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	80
2	Heptacosane		380	C27H56	000593-49-7	80
3	Octacosane		394	C28H58	000630-02-4	80
4	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	74
5	Heneicosane		296	C21H44	000629-94-7	72



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Misc :
ALS Vial : 19 Sample Multiplier: 1

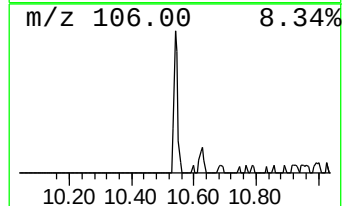
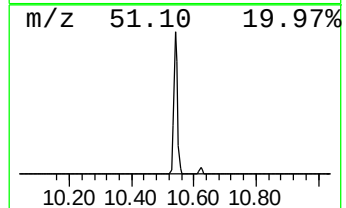
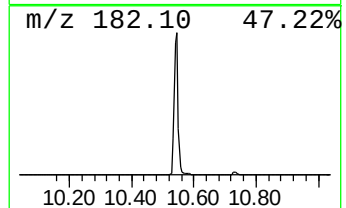
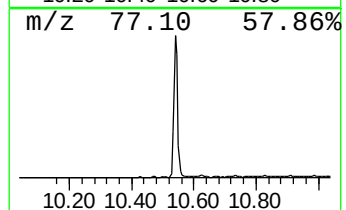
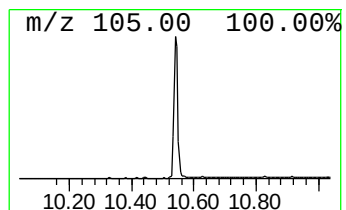
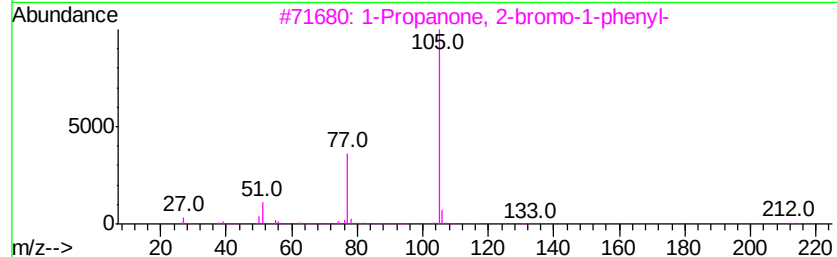
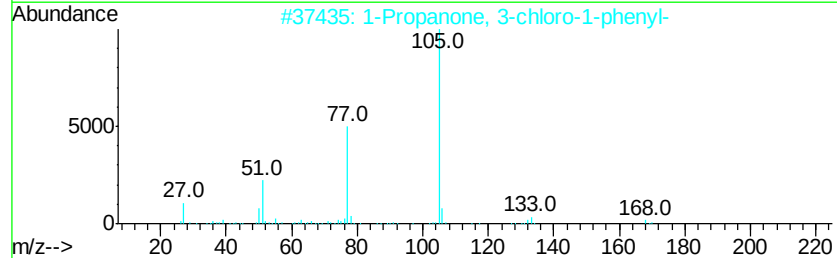
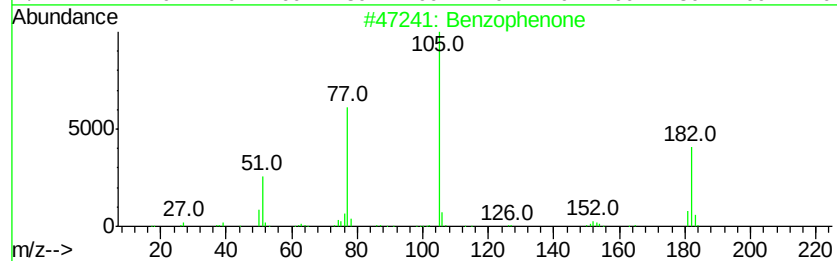
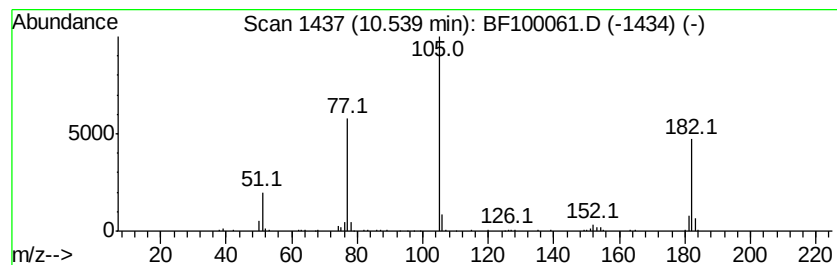
Instrument :
BNA_F
ClientSampleId :
TP-2

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 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	6.25 ng	224168	Acenaphthene-d10	9.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzophenone	182 C13H10O	000119-61-9 95
2		1-Propanone, 3-chloro-1-phenyl-	168 C9H9ClO	000936-59-4 47
3		1-Propanone, 2-bromo-1-phenyl-	212 C9H9BrO	002114-00-3 47
4		Benzeneacetic acid, .alpha.-oxo-...	164 C9H8O3	015206-55-0 47
5		2-(2-Oxo-2-phenyl-ethyl)-malonon...	184 C11H8N2O	1000296-76-9 47



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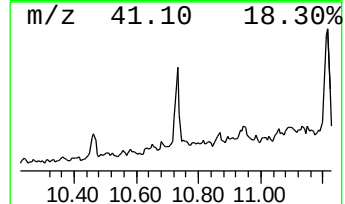
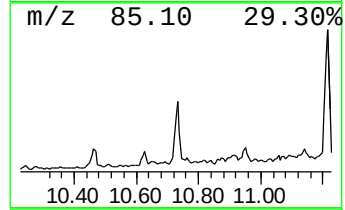
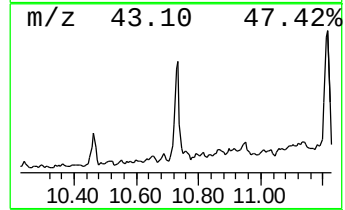
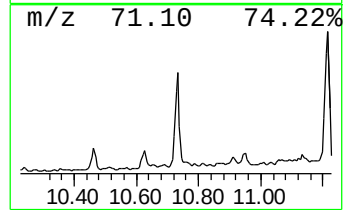
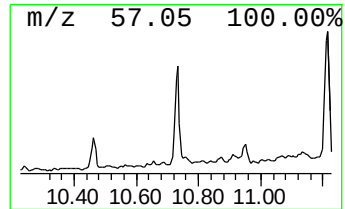
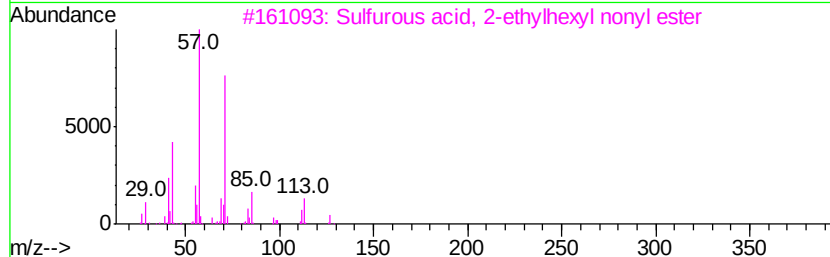
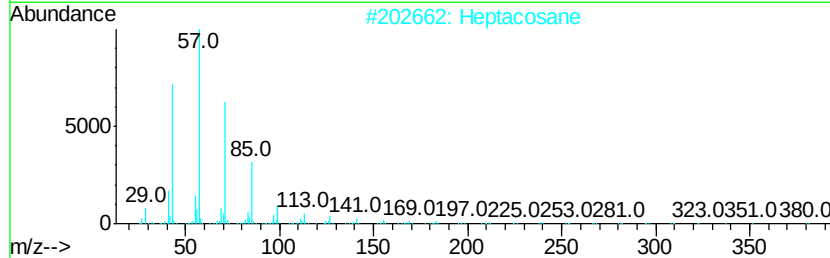
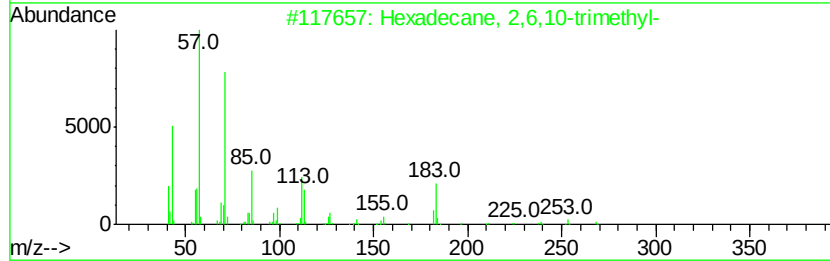
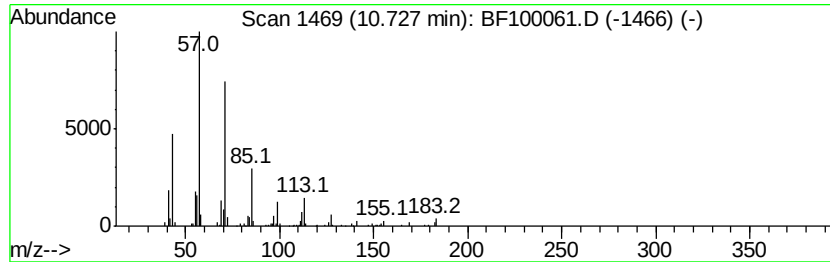
Instrument :
BNA_F
ClientSampleId :
TP-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.73	6.49 ng	204855	Phenanthrene-d10	11.34	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	90
2	Heptacosane	380	C27H56	000593-49-7	86
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	80
4	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	80
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	80



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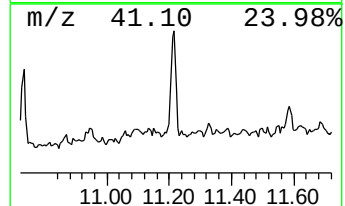
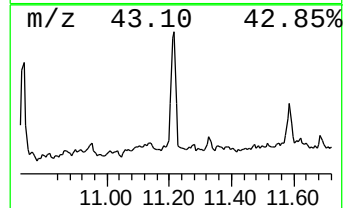
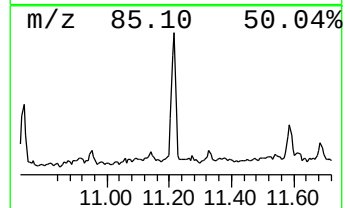
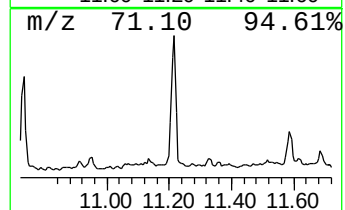
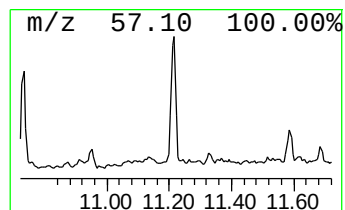
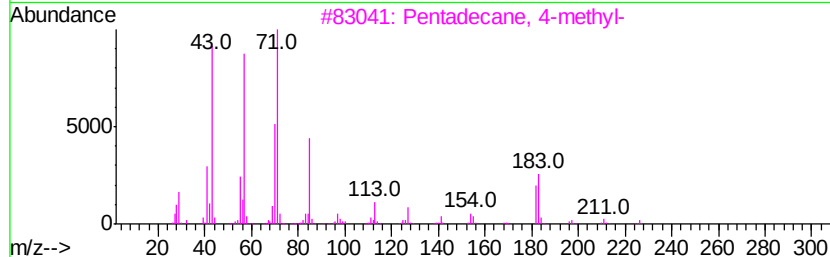
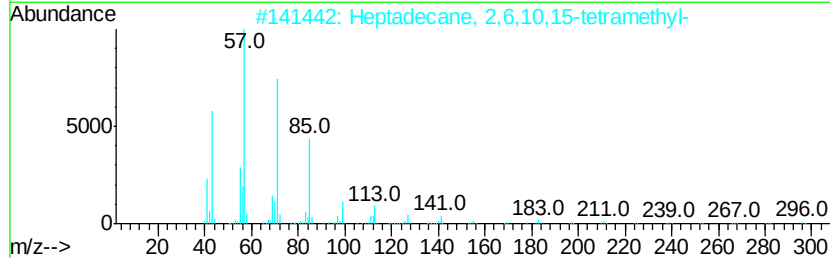
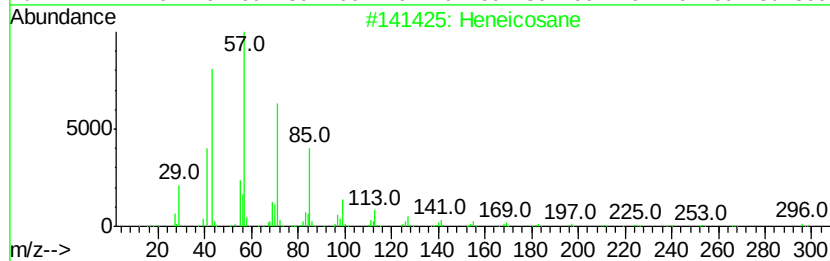
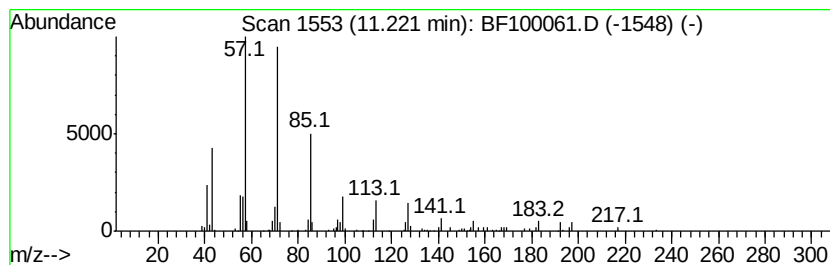
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	9.87 ng	311599	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	86
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83
5	Tridecane	184	C13H28	000629-50-5	83



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100061.D
Acq On : 1 Nov 2017 22:53
Operator : SJ/JU
Sample : I6226-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

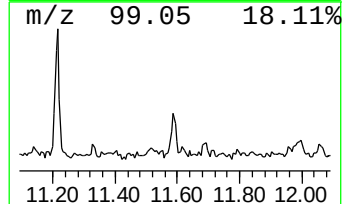
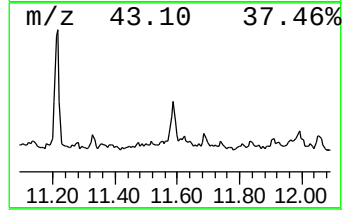
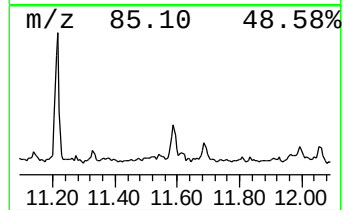
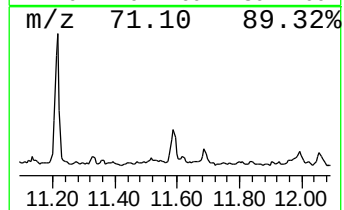
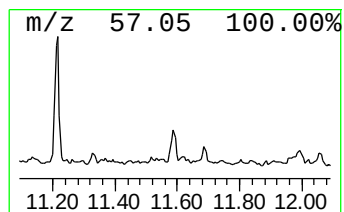
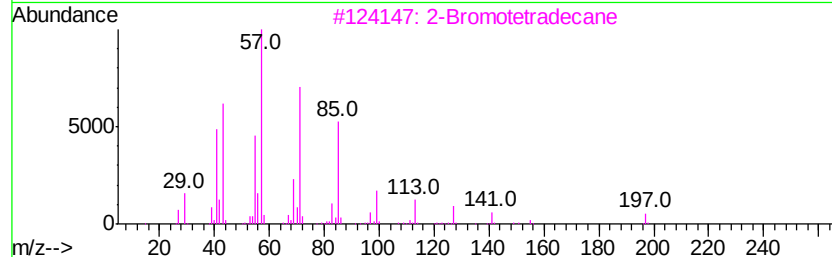
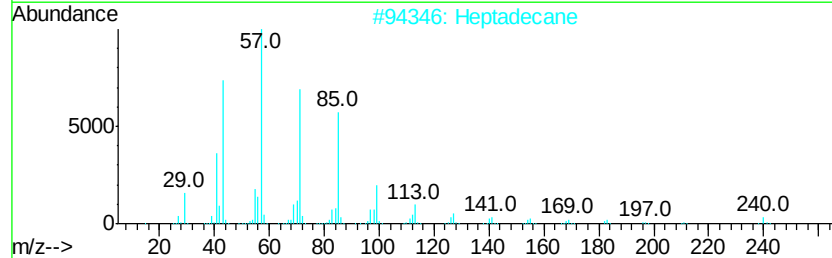
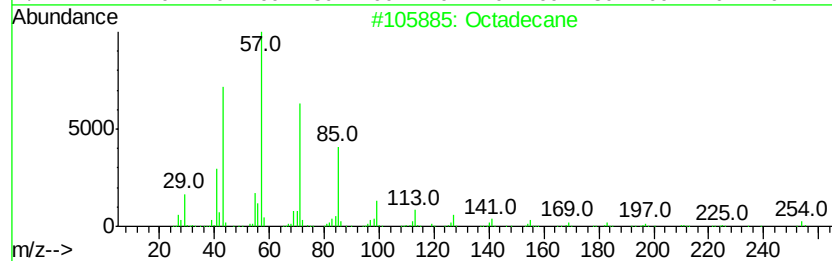
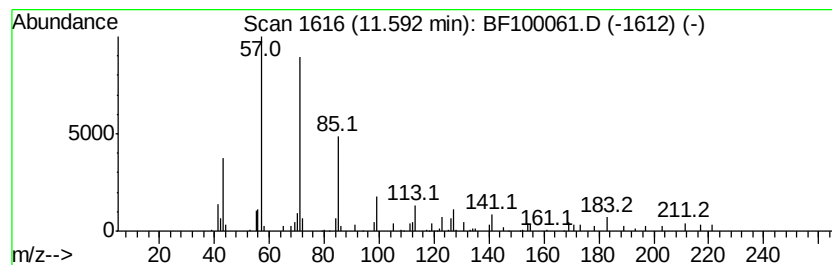
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	2.32 ng	73382	Phenanthrene-d10	11.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	90
2	Heptadecane		240	C17H36	000629-78-7	86
3	2-Bromotetradecane		276	C14H29Br	074036-95-6	86
4	Hentriacontane		437	C31H64	000630-04-6	80
5	Octacosane		394	C28H58	000630-02-4	80



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100061.D
Acq On : 1 Nov 2017 22:53
Operator : SJ/JU
Sample : I6226-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

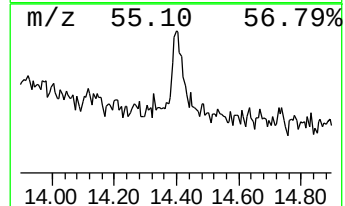
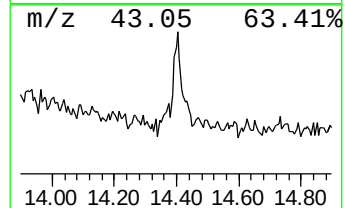
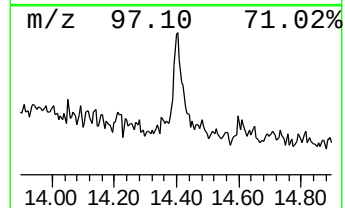
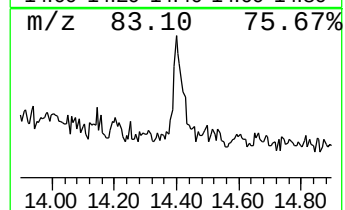
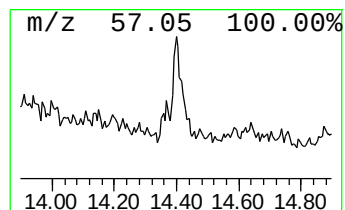
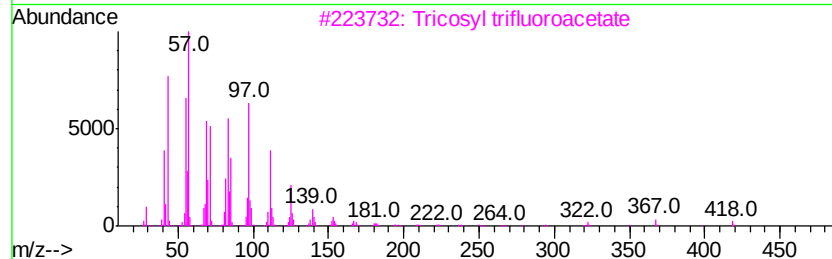
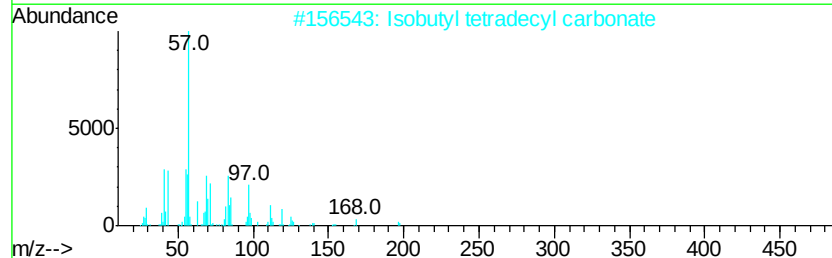
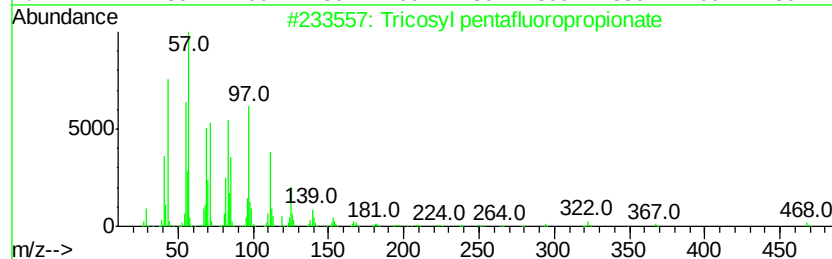
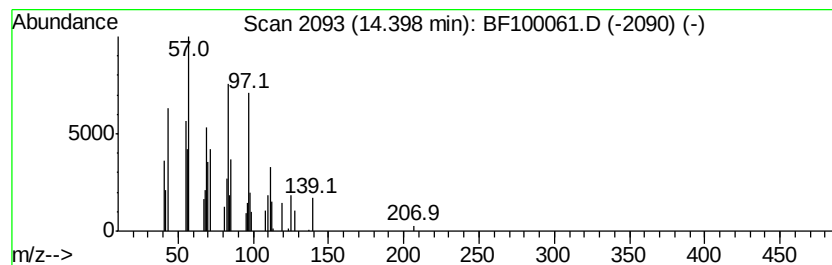
Instrument :
BNA_F
ClientSampleId :
TP-2

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 Tricosyl pentafluoropropionate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.40	2.66 ng	66559	Chrysene-d12	14.60	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	80
2	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	80
3	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	80
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	72
5	Heptacosyl acetate	438	C29H58O2	1000351-78-2	72



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF110117\
Data File : BF100061.D
Acq On : 1 Nov 2017 22:53
Operator : SJ/JU
Sample : I6226-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

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...	5.00	15.7	ng	409737	1	6.78	523512	20.0
unknown6.56	6.56	85.9	ng	2249390	1	6.78	523512	20.0
Hexacosane	10.46	2.2	ng	78381	3	9.82	716834	20.0
Benzophenone	10.54	6.3	ng	224168	3	9.82	716834	20.0
Hexadecane, 2,6,1...	10.73	6.5	ng	204855	4	11.34	631673	20.0
Heneicosane	11.22	9.9	ng	311599	4	11.34	631673	20.0
Octadecane	11.59	2.3	ng	73382	4	11.34	631673	20.0
Tricosyl pentaflu...	14.40	2.7	ng	66559	5	14.60	501121	20.0