

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112918\
 Data File : BF111103.D
 Acq On : 29 Nov 2018 21:05
 Operator : JU/SJ
 Sample : J6085-04 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NS

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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	2.163	9	13	24	rVB2	41594	67810	6.84%	1.094%
2	6.722	784	788	800	rBV	33618	72162	7.28%	1.165%
3	6.934	821	824	838	rBV	224867	257843	26.02%	4.162%
4	7.092	847	851	861	rBV	53590	73848	7.45%	1.192%
5	7.528	922	925	938	rBV	18026	50915	5.14%	0.822%
6	8.216	1039	1042	1059	rVB	289555	363816	36.71%	5.872%
7	8.369	1065	1068	1076	rBV	38430	46643	4.71%	0.753%
8	9.286	1221	1224	1231	rBV	118881	133521	13.47%	2.155%
9	9.345	1231	1234	1237	rVB	26237	26998	2.72%	0.436%
10	9.604	1273	1278	1280	rBV2	40152	54366	5.49%	0.877%
11	9.663	1284	1288	1290	rBV	88533	91229	9.21%	1.472%
12	9.686	1290	1292	1295	rVV2	38454	38148	3.85%	0.616%
13	9.727	1295	1299	1301	rVV	43530	43690	4.41%	0.705%
14	9.822	1310	1315	1317	rBV2	65081	86221	8.70%	1.392%
15	9.875	1317	1324	1328	rVV2	89091	185018	18.67%	2.986%
16	9.916	1328	1331	1333	rBV2	98489	110226	11.12%	1.779%
17	9.945	1333	1336	1338	rVV3	57793	82557	8.33%	1.332%
18	9.975	1338	1341	1346	rVV	358095	396245	39.98%	6.395%
19	10.051	1352	1354	1356	rBV	50093	37035	3.74%	0.598%
20	10.110	1360	1364	1367	rBV3	125632	200237	20.21%	3.232%
21	10.133	1367	1368	1371	rVB	70432	53096	5.36%	0.857%
22	10.163	1371	1373	1376	rBV	79452	78230	7.89%	1.263%
23	10.198	1377	1379	1381	rBV	105238	85826	8.66%	1.385%
24	10.369	1405	1408	1412	rBV2	155631	215045	21.70%	3.471%
25	10.410	1412	1415	1417	rBV	204198	203908	20.58%	3.291%
26	10.598	1443	1447	1450	rBV	432846	603055	60.85%	9.733%
27	10.869	1489	1493	1496	rBV	872965	991007	100.00%	15.995%
28	11.339	1570	1573	1575	rBV	635214	590738	59.61%	9.534%
29	14.133	2044	2048	2058	rVB	339392	400955	40.46%	6.471%
30	14.710	2144	2146	2152	rVB2	56515	56492	5.70%	0.912%
31	14.857	2168	2171	2176	rVB2	50217	60379	6.09%	0.975%
32	14.957	2185	2188	2191	rVB	34036	41130	4.15%	0.664%
33	15.051	2201	2204	2209	rVB2	35023	42478	4.29%	0.686%
34	15.151	2218	2221	2225	rVB	28470	29865	3.01%	0.482%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112918\
Data File : BF111103.D
Acq On : 29 Nov 2018 21:05
Operator : JU/SJ
Sample : J6085-04 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NS

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-BF112618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.198	2226	2229	2233	rVB	26401	30756	3.10%	0.496%
36	15.592	2293	2296	2302	rVB4	23390	32069	3.24%	0.518%
37	15.662	2304	2308	2315	rBV	146026	229760	23.18%	3.708%
38	16.039	2368	2372	2377	rBV2	22181	32500	3.28%	0.525%

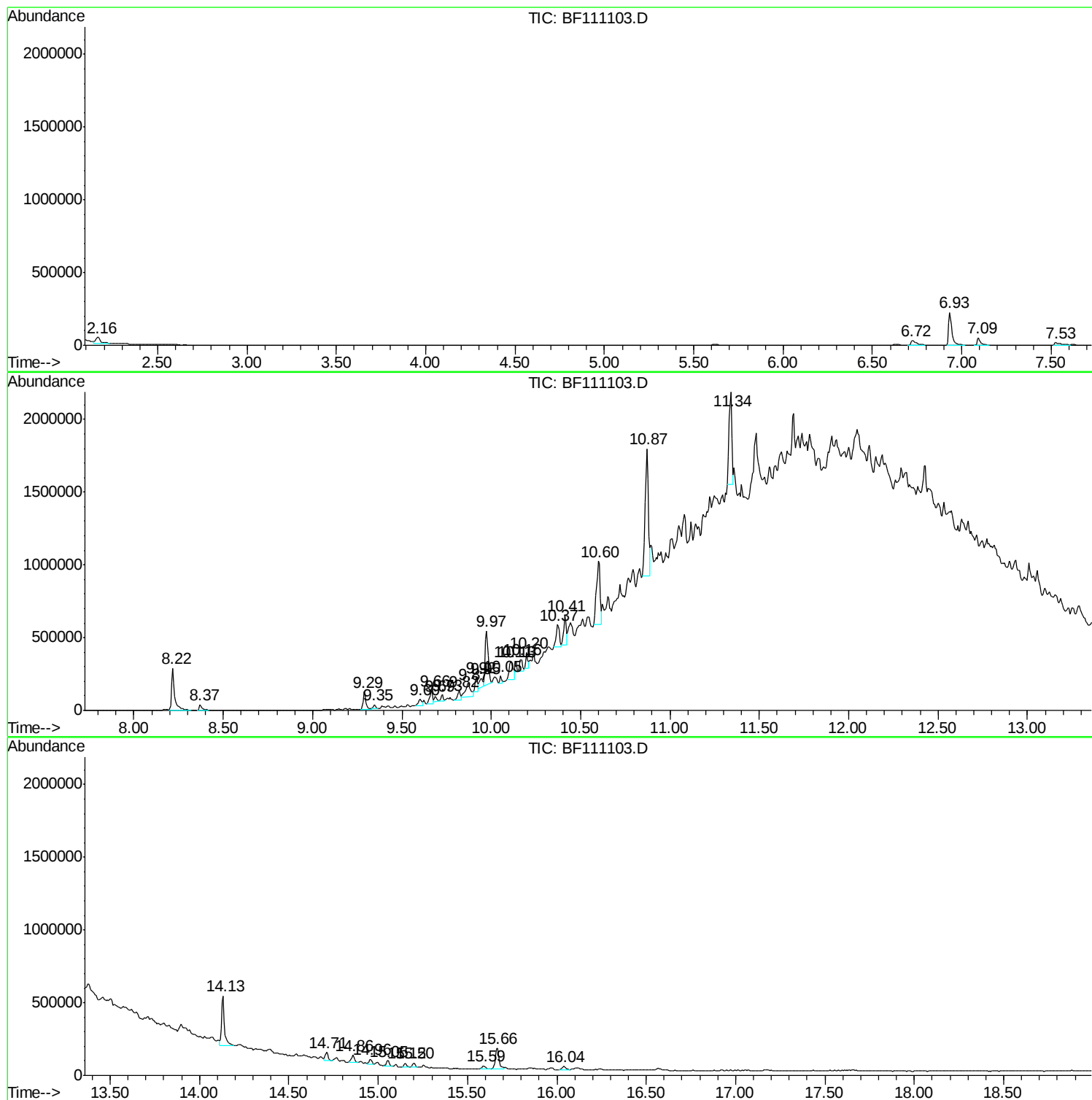
Sum of corrected areas: 6195817

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111103.D
Acq On : 29 Nov 2018 21:05
Operator : JU/SJ
Sample : J6085-04 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.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\BF112918\
Data File : BF111103.D
Acq On : 29 Nov 2018 21:05
Operator : JU/SJ
Sample : J6085-04 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NS

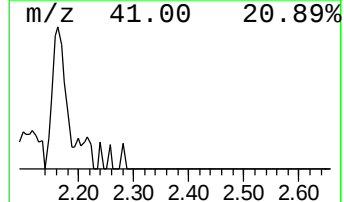
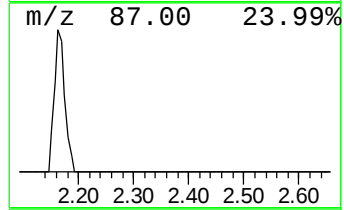
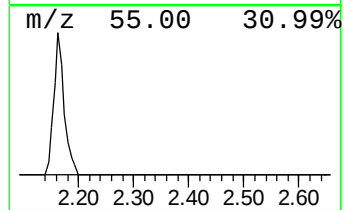
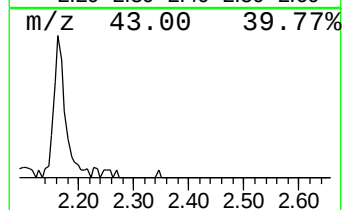
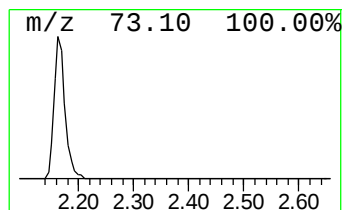
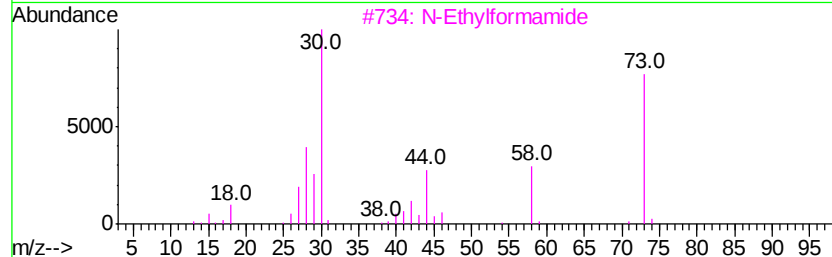
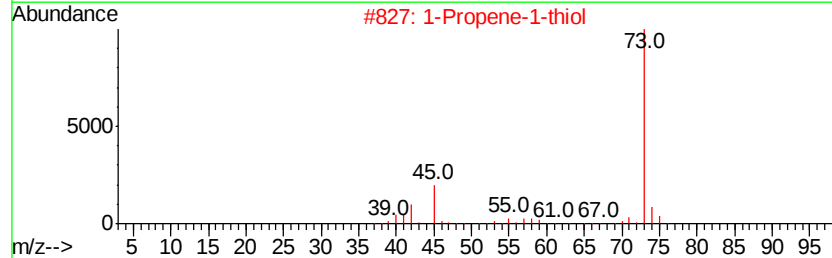
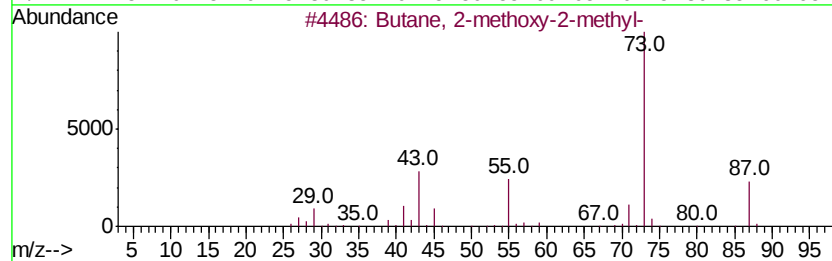
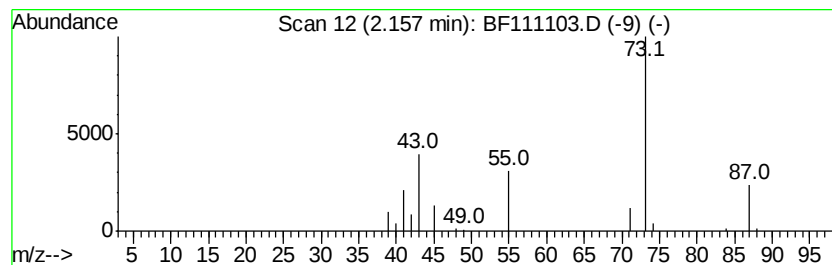
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	5.26 ng	67810	1,4-Dichlorobenzene-d4	6.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		1-Propene-1-thiol	74	C3H6S	000925-89-3	9
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111103.D
Acq On : 29 Nov 2018 21:05
Operator : JU/SJ
Sample : J6085-04 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NS

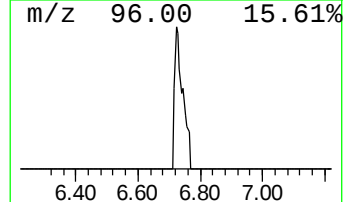
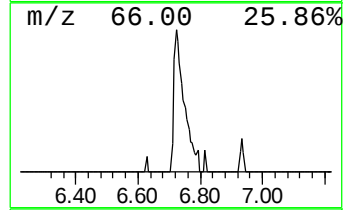
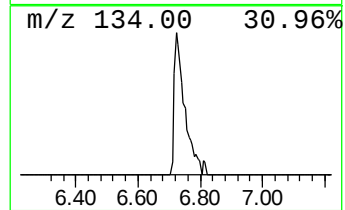
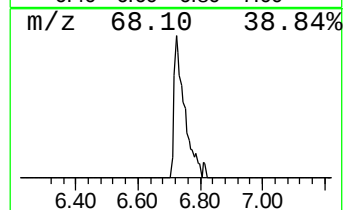
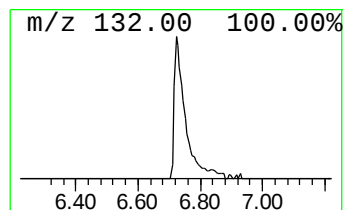
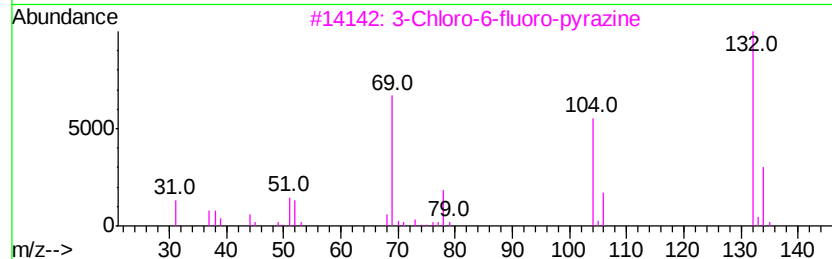
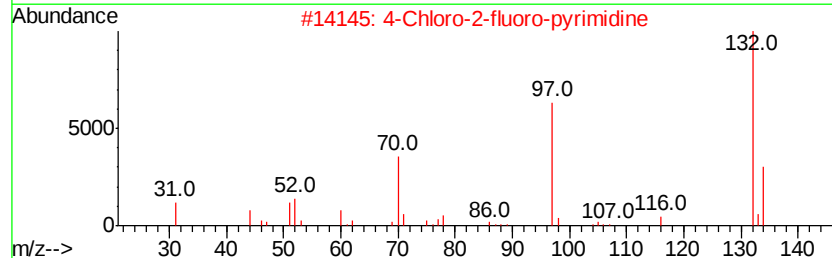
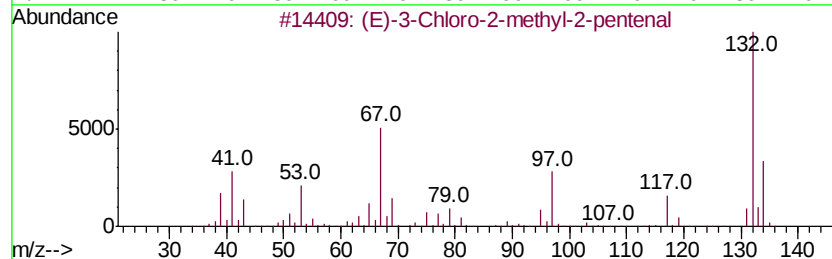
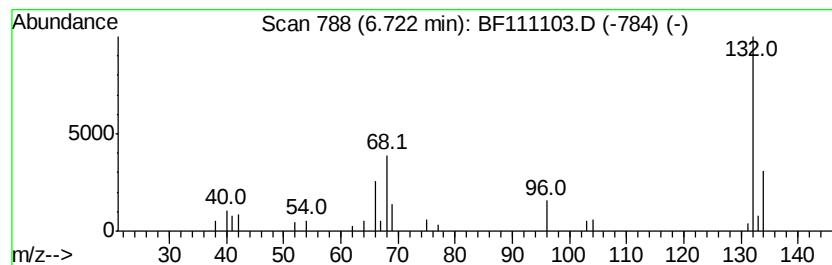
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.72 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	5.60 ng	72162	1,4-Dichlorobenzene-d4	6.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	9
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111103.D
Acq On : 29 Nov 2018 21:05
Operator : JU/SJ
Sample : J6085-04 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NS

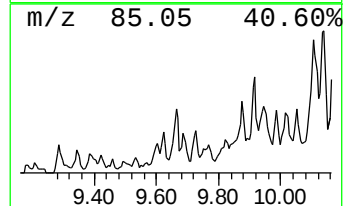
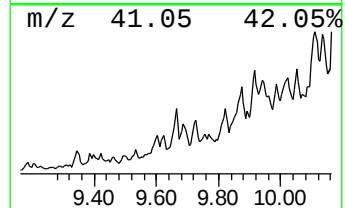
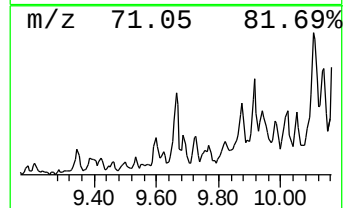
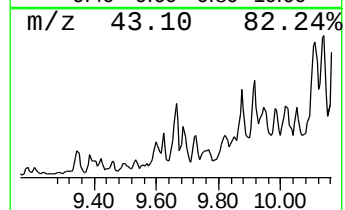
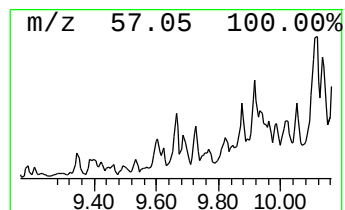
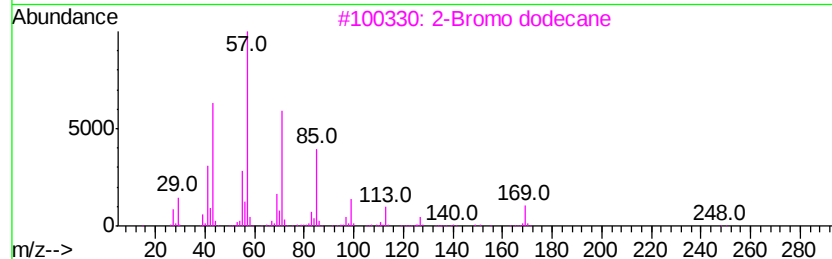
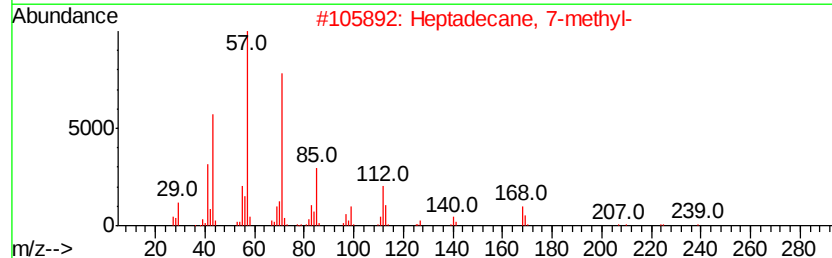
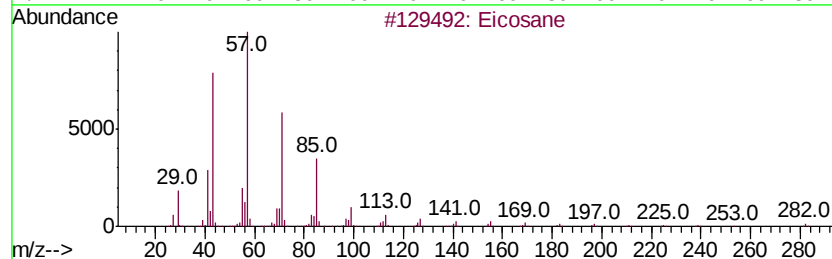
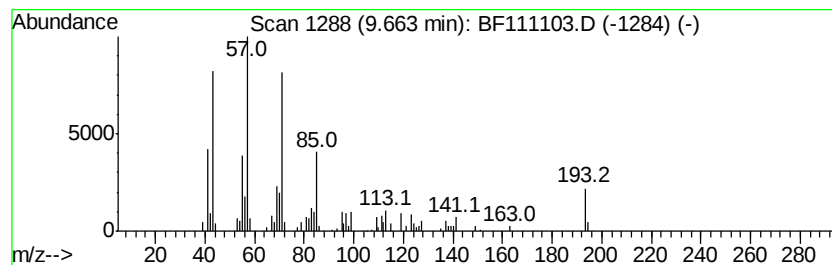
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	4.60 ng	91229	Acenaphthene-d10	9.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	64
2		Heptadecane, 7-methyl-	254	C18H38	020959-33-5	64
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	58
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58
5		Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111103.D
Acq On : 29 Nov 2018 21:05
Operator : JU/SJ
Sample : J6085-04 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NS

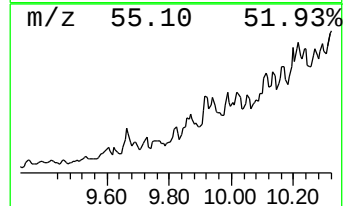
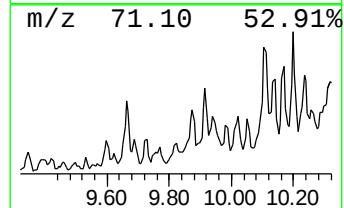
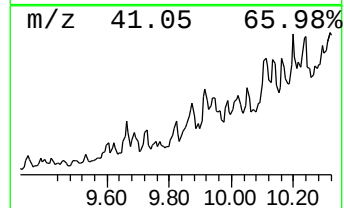
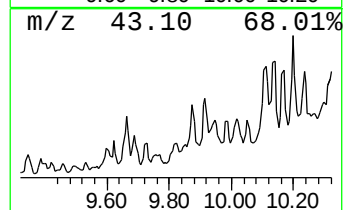
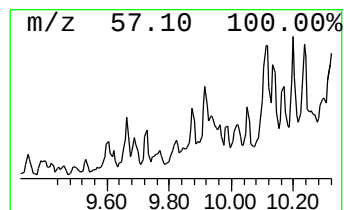
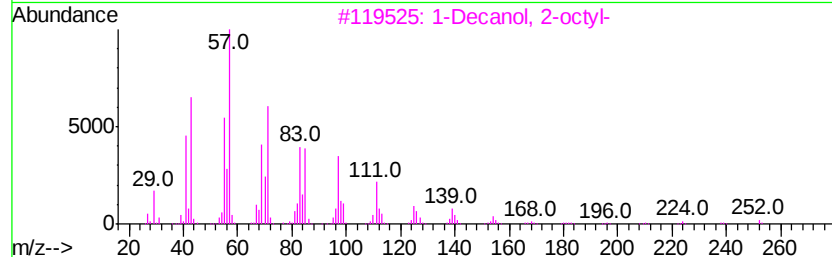
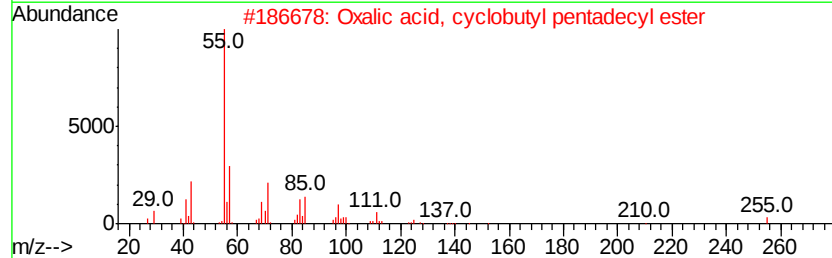
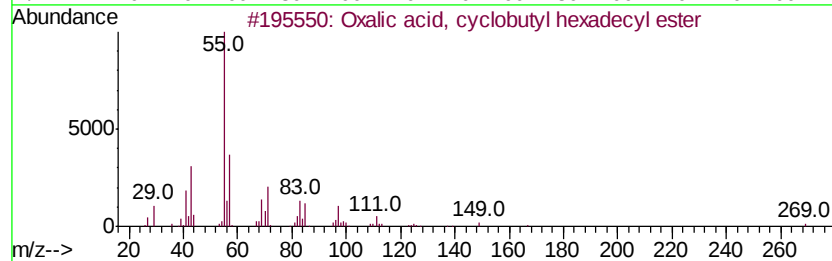
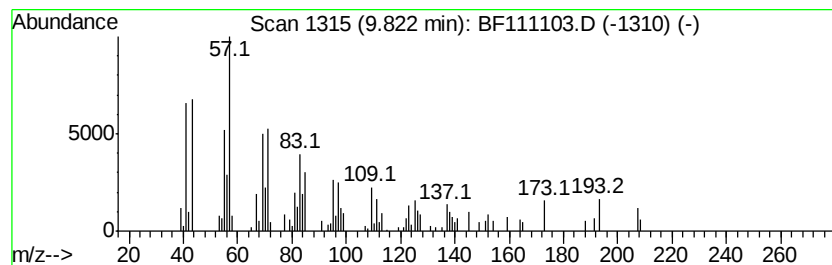
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Oxalic acid, cyclobutyl hex... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	4.35 ng	86221	Acenaphthene-d10	9.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, cyclobutyl hexadecyl...	368	C22H40O4	1000309-70-6	52
2		Oxalic acid, cyclobutyl pentadecyl...	354	C21H38O4	1000309-70-5	46
3		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	43
4		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	43
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111103.D
Acq On : 29 Nov 2018 21:05
Operator : JU/SJ
Sample : J6085-04 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NS

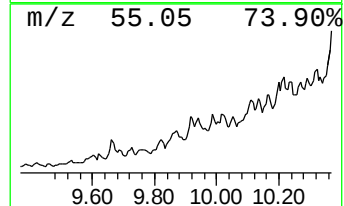
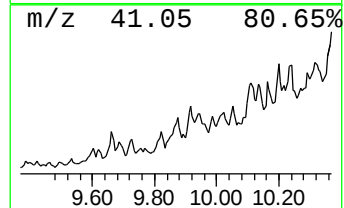
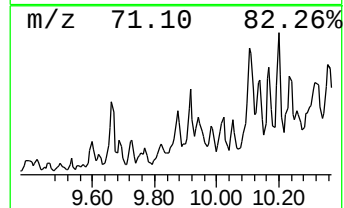
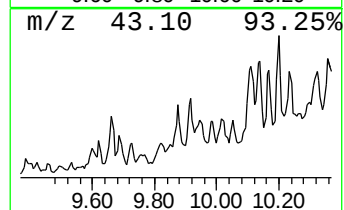
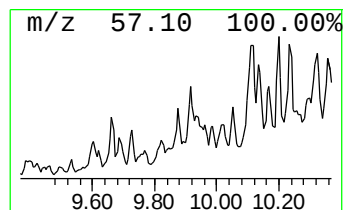
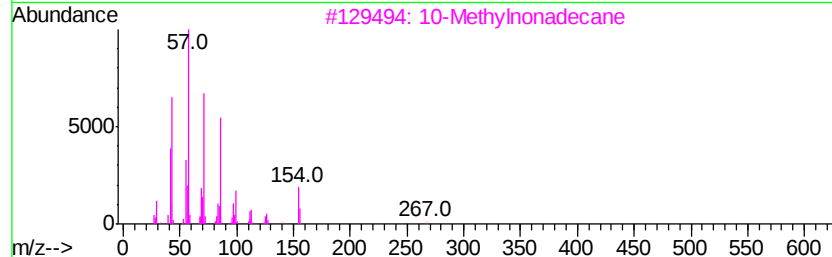
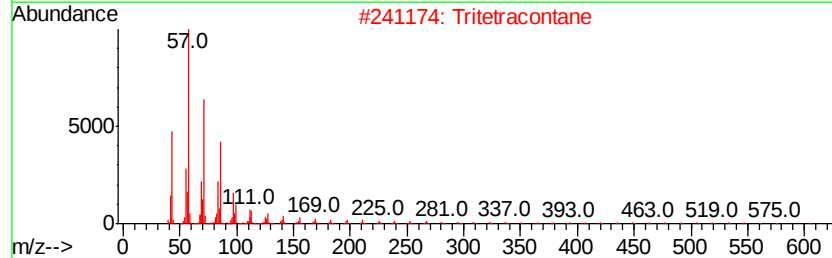
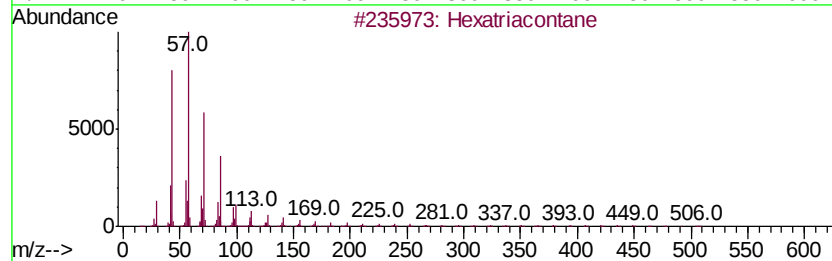
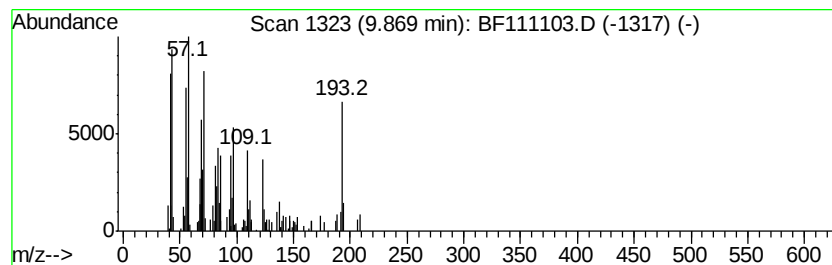
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexatriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	9.34 ng	185018	Acenaphthene-d10	9.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane		507	C36H74	000630-06-8	64
2	Tritetracontane		605	C43H88	007098-21-7	64
3	10-Methylnonadecane		282	C20H42	056862-62-5	64
4	Hexadecane		226	C16H34	000544-76-3	58
5	Decane, 1-iodo-		268	C10H21I	002050-77-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111103.D
Acq On : 29 Nov 2018 21:05
Operator : JU/SJ
Sample : J6085-04 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NS

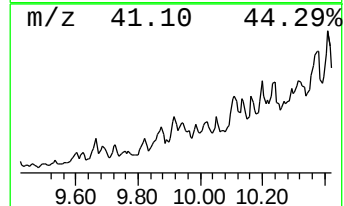
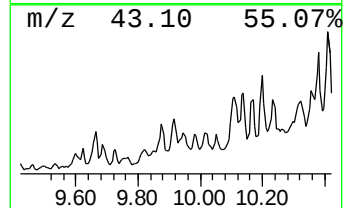
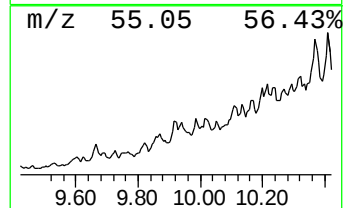
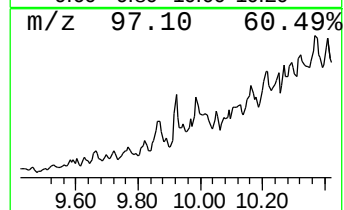
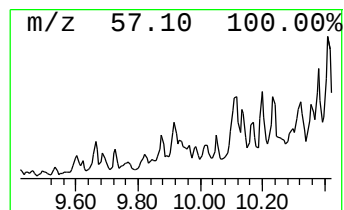
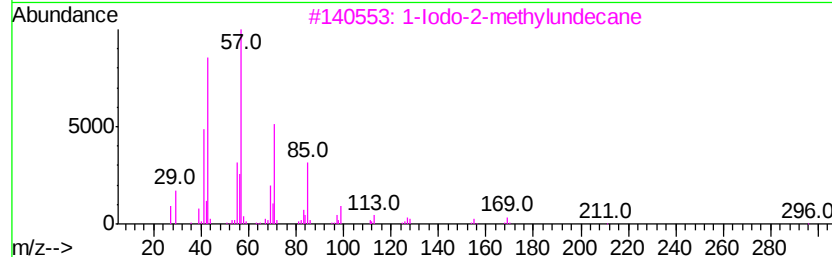
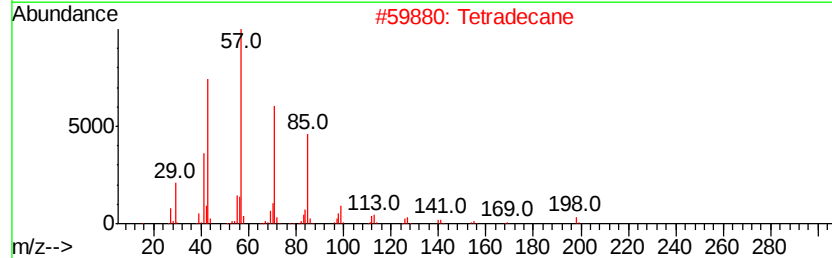
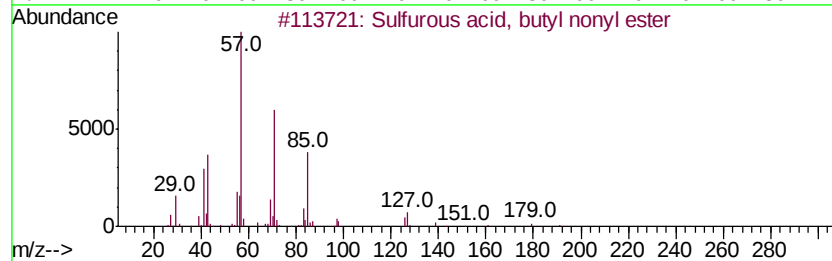
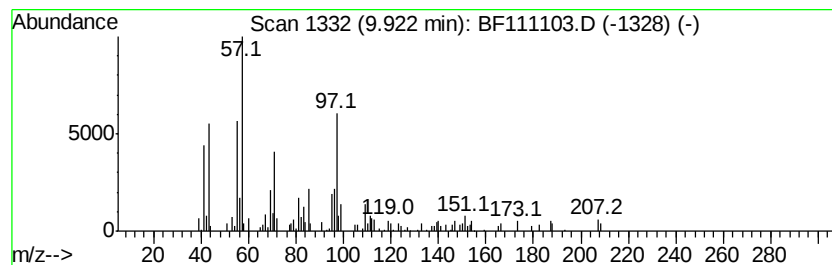
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Sulfurous acid, butyl nonyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	5.56 ng	110226	Acenaphthene-d10	9.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	58
2			Tetradecane	198	C14H30	000629-59-4	58
3			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	53
4			Tridecane	184	C13H28	000629-50-5	53
5			Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111103.D
Acq On : 29 Nov 2018 21:05
Operator : JU/SJ
Sample : J6085-04 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

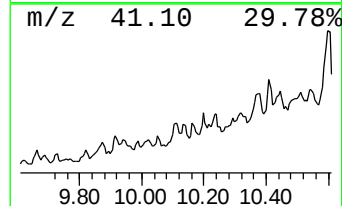
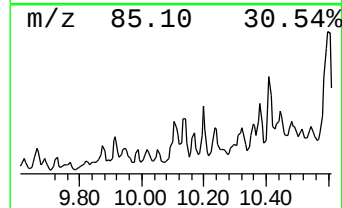
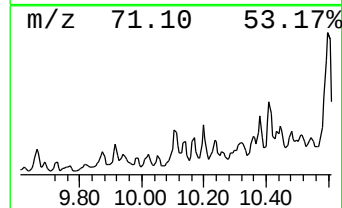
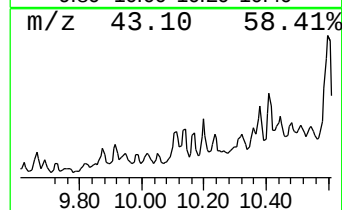
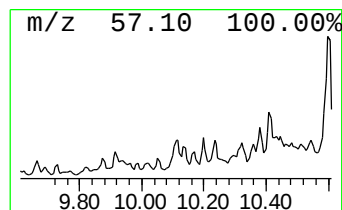
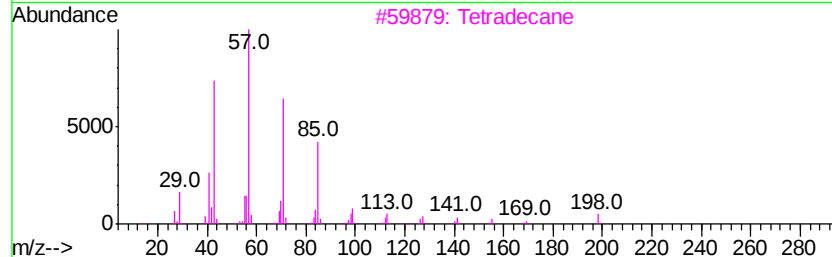
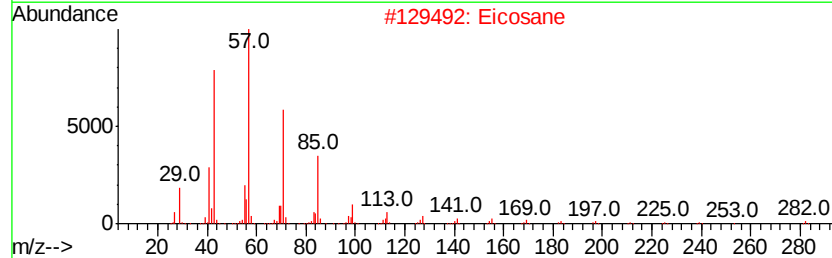
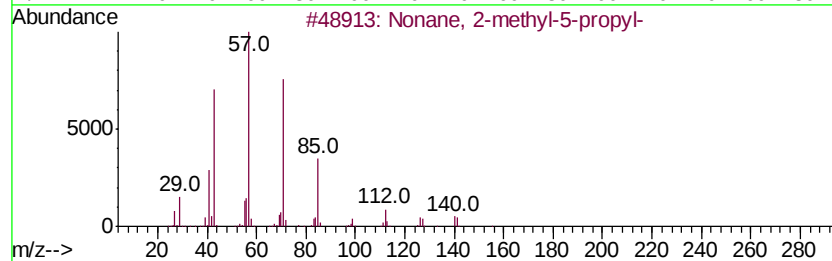
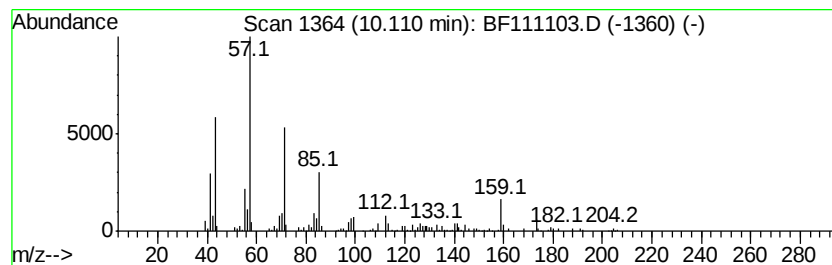
Instrument :
BNA_F
ClientSampleId :
NS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonane, 2-methyl-5-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	10.11 ng	200237	Acenaphthene-d10	9.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 2-methyl-5-propyl-	184 C13H28	031081-17-1	72
2	Eicosane	282 C20H42	000112-95-8	64
3	Tetradecane	198 C14H30	000629-59-4	64
4	Hexadecane	226 C16H34	000544-76-3	59
5	Dodecane	170 C12H26	000112-40-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111103.D
Acq On : 29 Nov 2018 21:05
Operator : JU/SJ
Sample : J6085-04 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

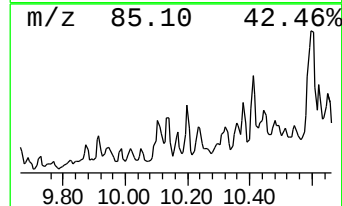
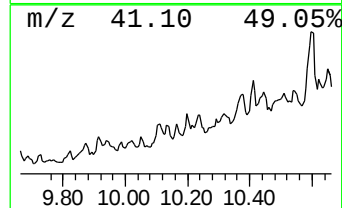
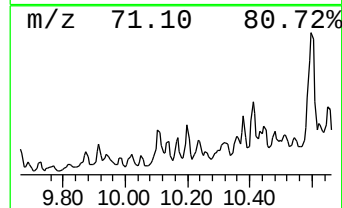
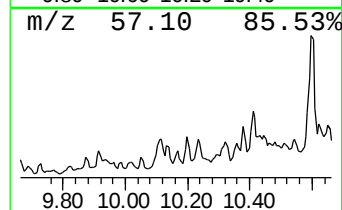
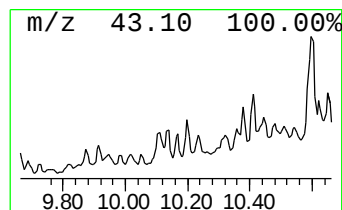
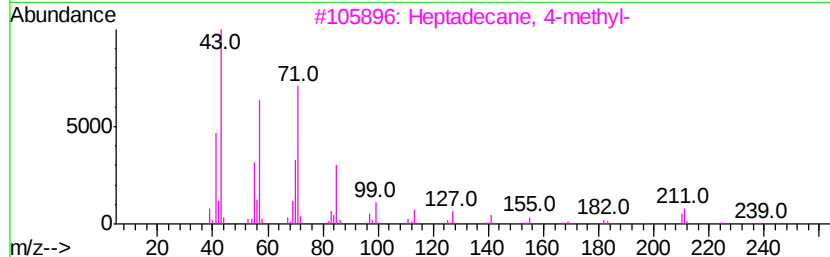
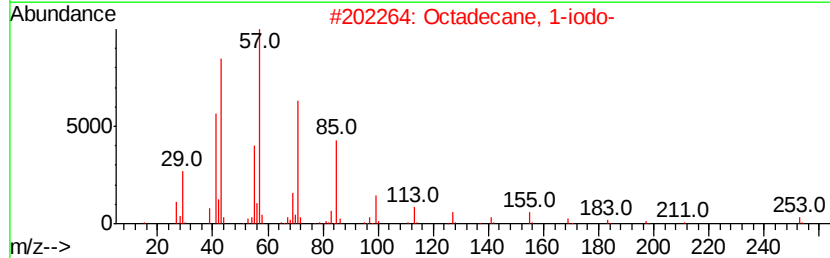
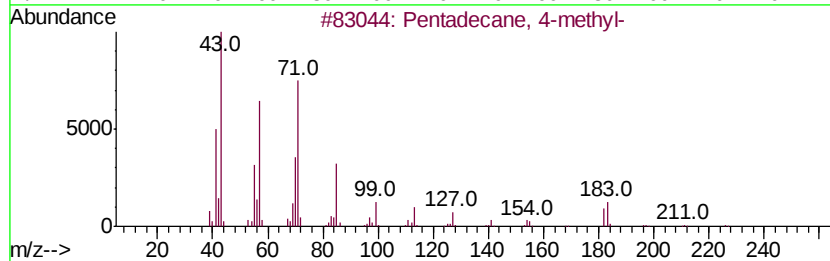
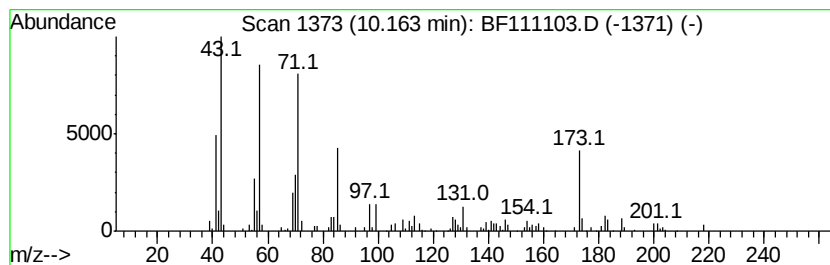
Instrument :
BNA_F
ClientSampleId :
NS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown10.16 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.16	3.95 ng	78230	Acenaphthene-d10	9.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	49
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	49
3	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	49
4	Nonane, 1-iodo-	254	C9H19I	004282-42-2	47
5	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111103.D
Acq On : 29 Nov 2018 21:05
Operator : JU/SJ
Sample : J6085-04 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NS

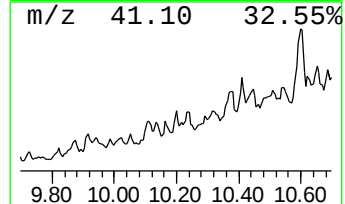
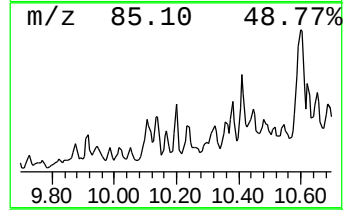
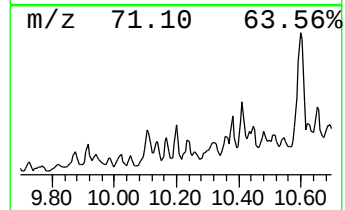
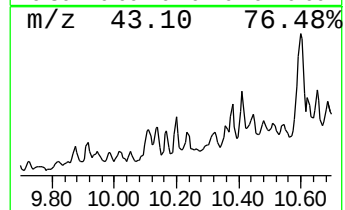
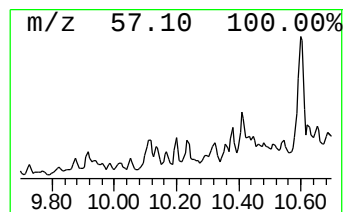
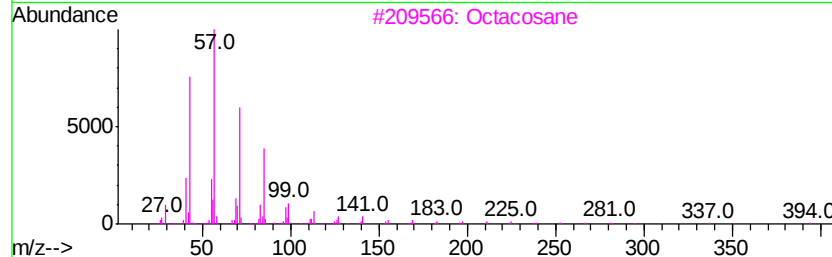
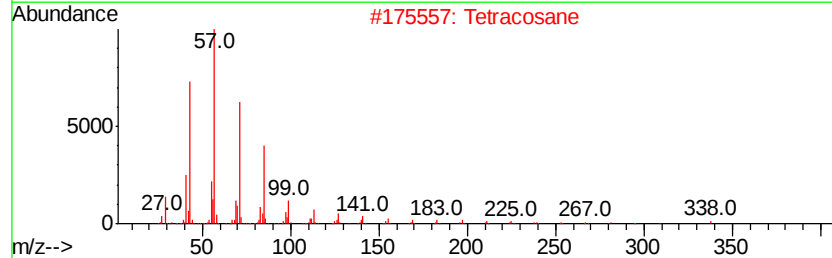
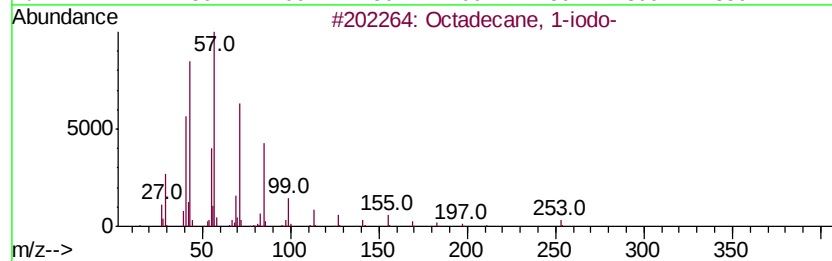
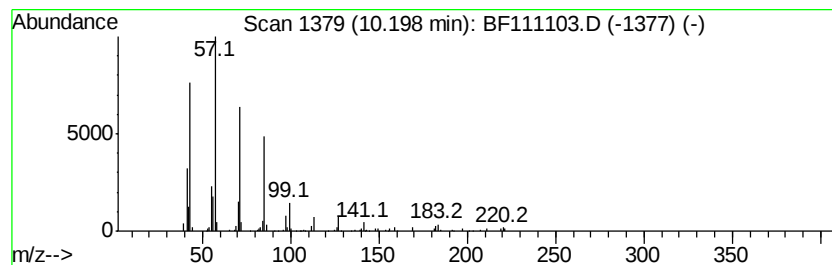
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	4.33 ng	85826	Acenaphthene-d10	9.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
2			Tetracosane	338	C24H50	000646-31-1	90
3			Octacosane	394	C28H58	000630-02-4	90
4			Eicosane	282	C20H42	000112-95-8	90
5			Docosane	310	C22H46	000629-97-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111103.D
Acq On : 29 Nov 2018 21:05
Operator : JU/SJ
Sample : J6085-04 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

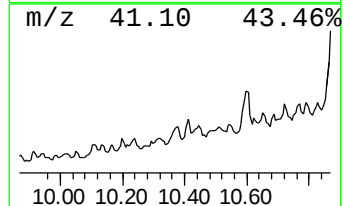
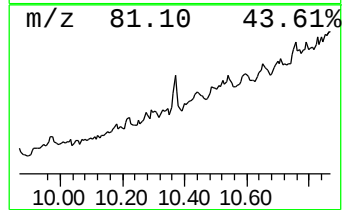
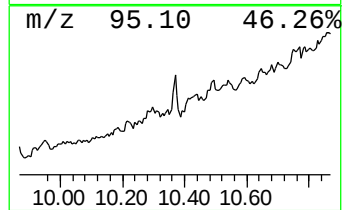
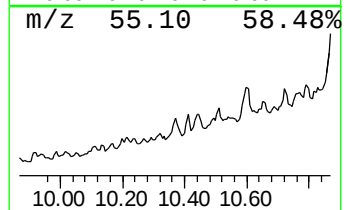
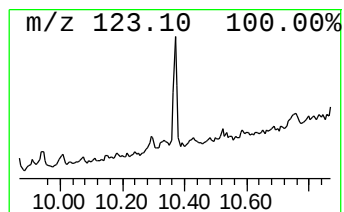
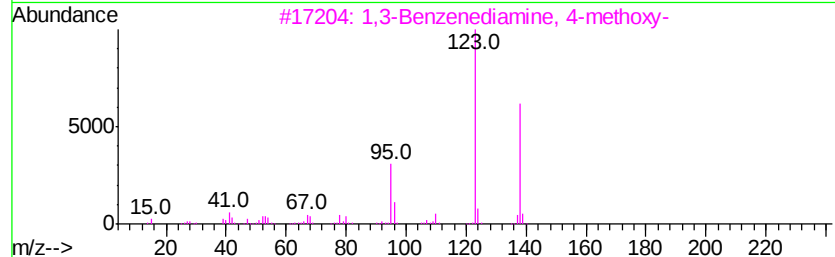
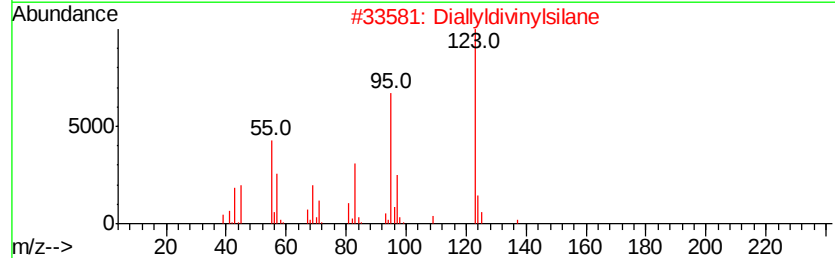
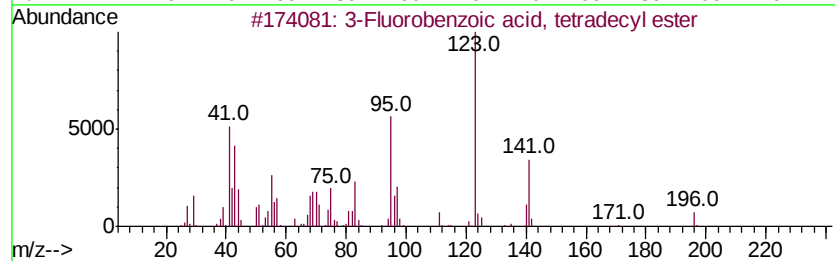
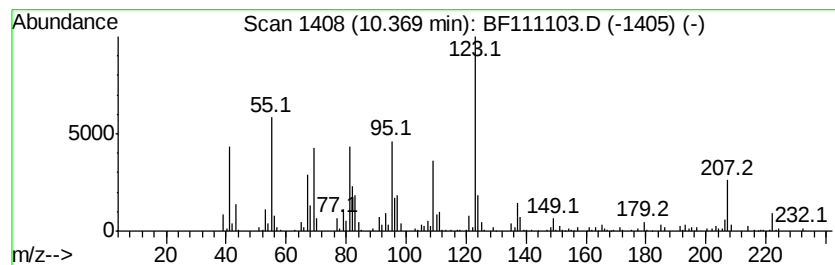
Instrument :
BNA_F
ClientSampleId :
NS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 3-Fluorobenzoic acid, tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	10.85 ng	215045	Acenaphthene-d10	9.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		3-Fluorobenzoic acid, tetradecyl...	336 C21H33FO2	1000279-01-5 50
2		Diallyldivinylsilane	164 C10H16Si	119901-88-1 50
3		1,3-Benzenediamine, 4-methoxy-	138 C7H10N2O	000615-05-4 47
4		3-Fluorobenzoic acid, 3-chloropr...	214 C10H8ClFO2	1000292-61-0 47
5		Benzene, 1,4-dimethoxy-	138 C8H10O2	000150-78-7 43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111103.D
Acq On : 29 Nov 2018 21:05
Operator : JU/SJ
Sample : J6085-04 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

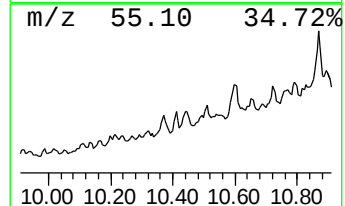
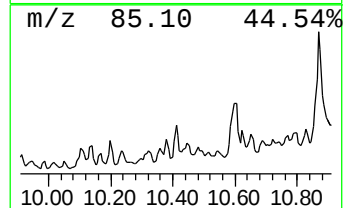
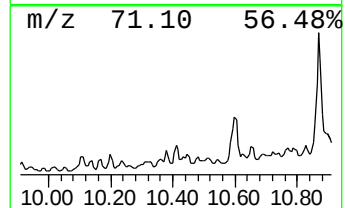
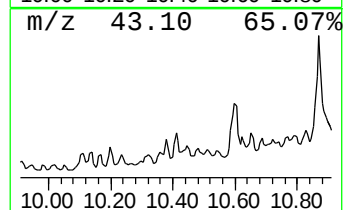
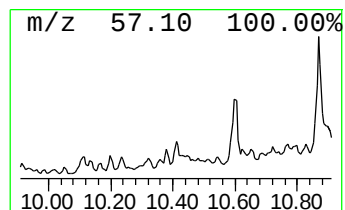
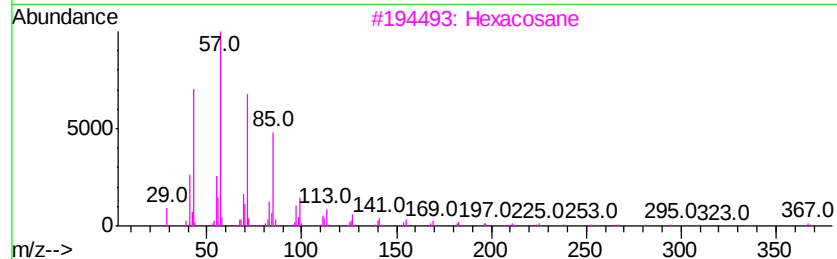
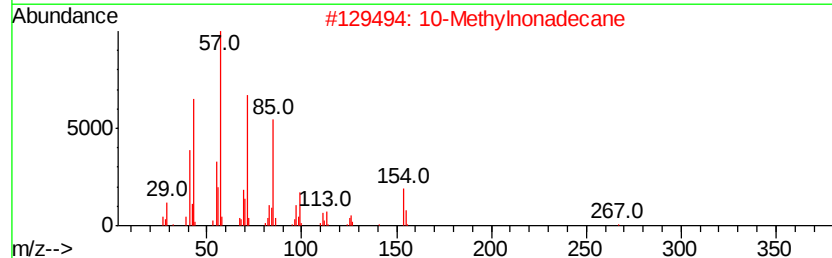
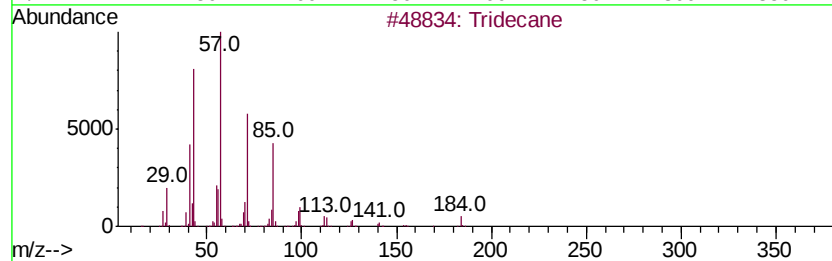
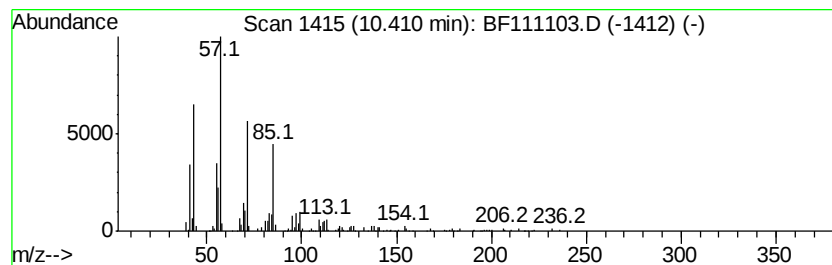
Instrument :
BNA_F
ClientSampleId :
NS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.41	10.29 ng	203908	Acenaphthene-d10		9.97	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	90
2		10-Methylnonadecane	282	C20H42	056862-62-5	87
3		Hexacosane	366	C26H54	000630-01-3	83
4		Tetradecane	198	C14H30	000629-59-4	83
5		Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111103.D
Acq On : 29 Nov 2018 21:05
Operator : JU/SJ
Sample : J6085-04 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

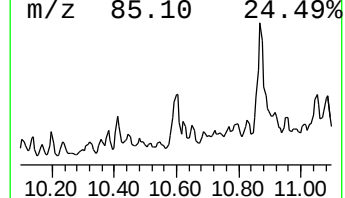
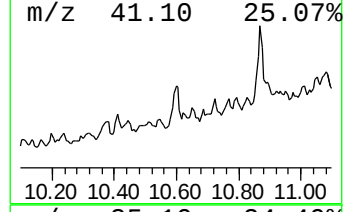
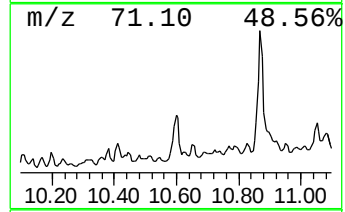
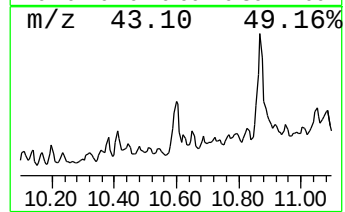
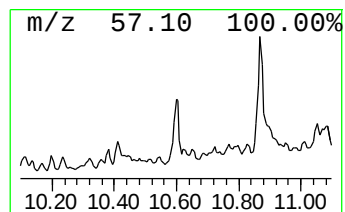
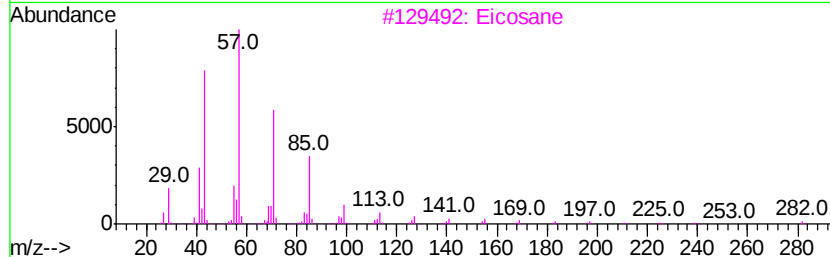
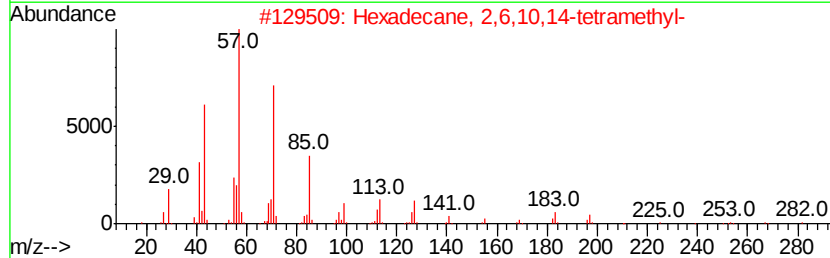
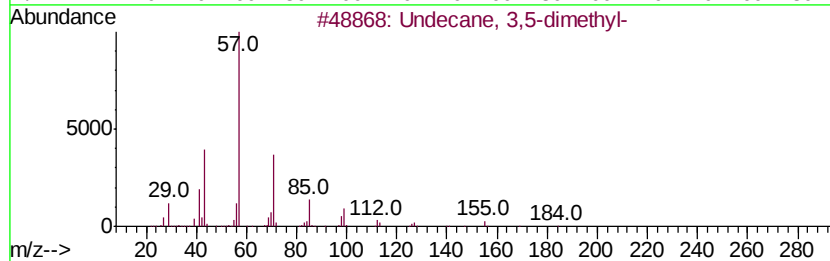
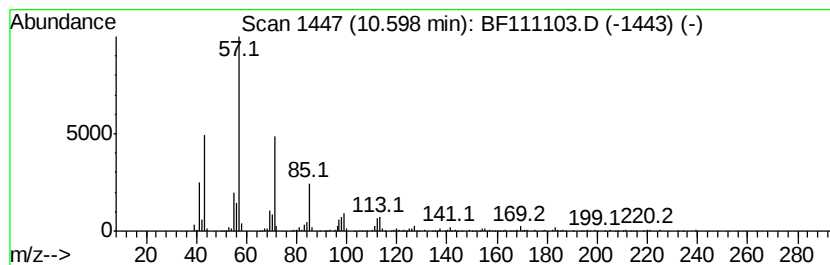
Instrument :
BNA_F
ClientSampleId :
NS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane, 3,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	30.44 ng	603055	Acenaphthene-d10	9.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 3,5-dimethyl-	184 C13H28	017312-81-1	81
2	Hexadecane, 2,6,10,14-tetramethyl-	282 C20H42	000638-36-8	80
3	Eicosane	282 C20H42	000112-95-8	80
4	Undecane, 5-ethyl-	184 C13H28	017453-94-0	78
5	Hexadecane, 3-methyl-	240 C17H36	006418-43-5	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111103.D
Acq On : 29 Nov 2018 21:05
Operator : JU/SJ
Sample : J6085-04 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NS

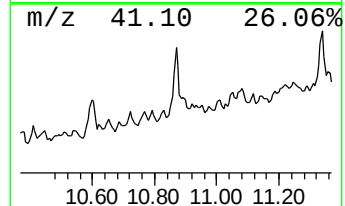
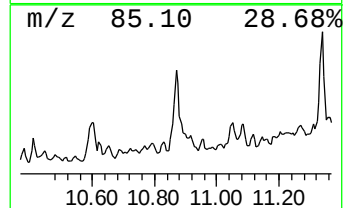
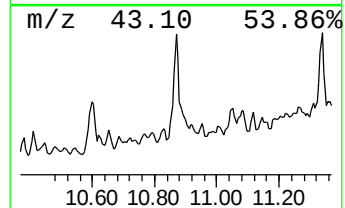
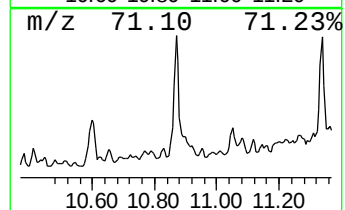
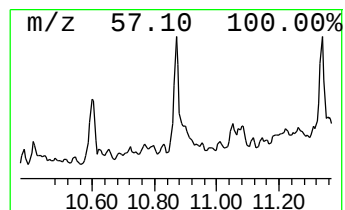
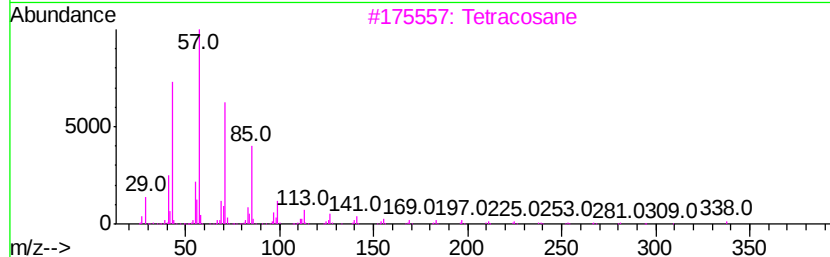
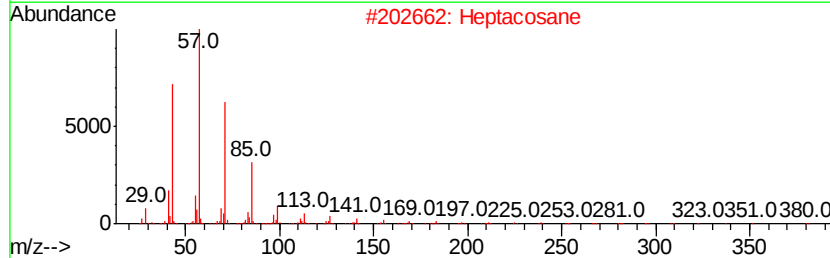
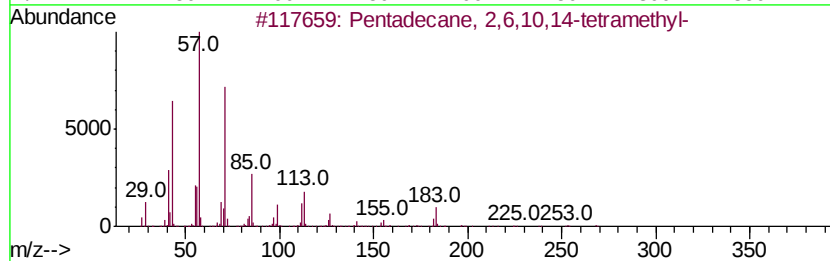
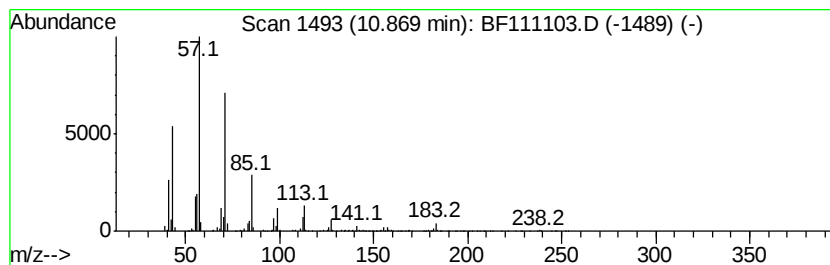
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	33.55 ng	991007	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
2		Heptacosane	380	C27H56	000593-49-7	86
3		Tetracosane	338	C24H50	000646-31-1	86
4		Octacosane	394	C28H58	000630-02-4	86
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111103.D
Acq On : 29 Nov 2018 21:05
Operator : JU/SJ
Sample : J6085-04 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NS

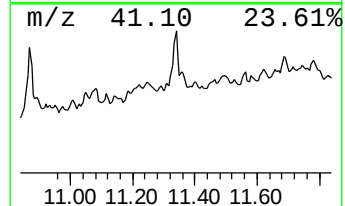
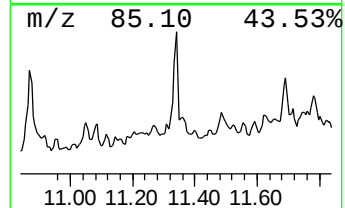
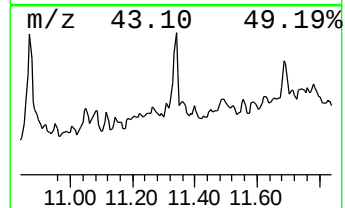
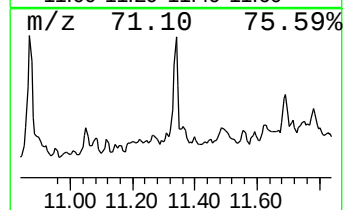
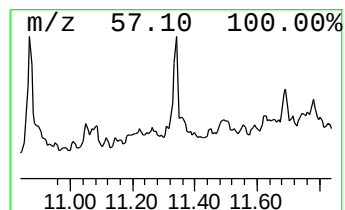
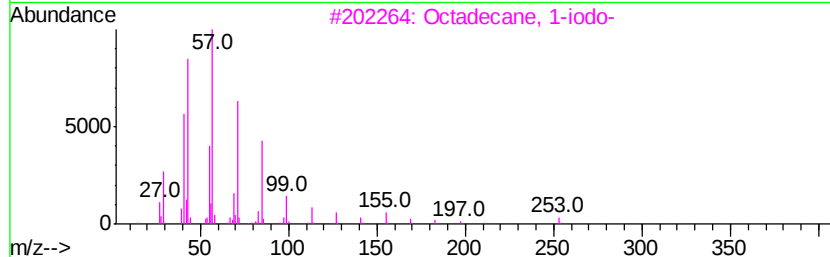
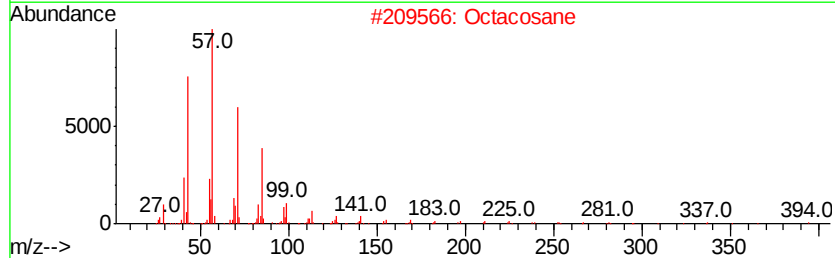
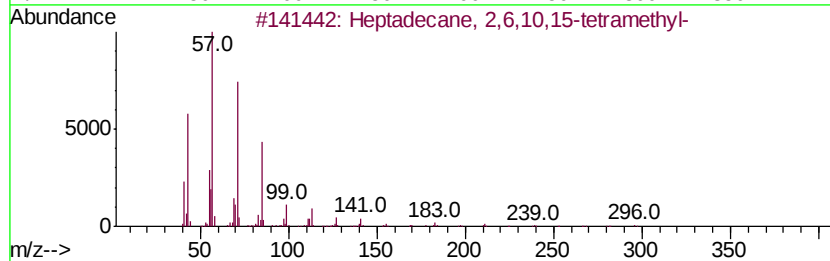
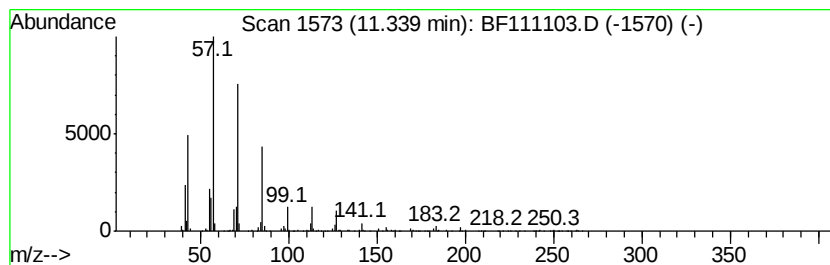
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane, 2,6,10,15-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	20.00 ng	590738	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		Octacosane	394	C28H58	000630-02-4	86
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4		Tritetracontane	605	C43H88	007098-21-7	83
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111103.D
Acq On : 29 Nov 2018 21:05
Operator : JU/SJ
Sample : J6085-04 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NS

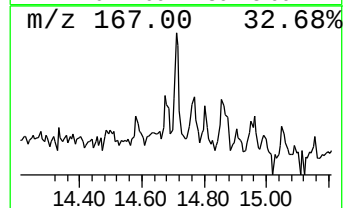
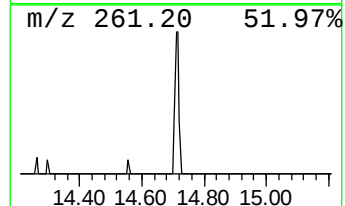
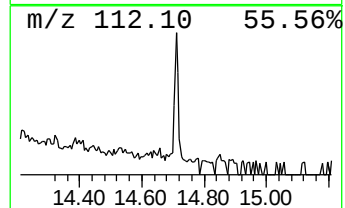
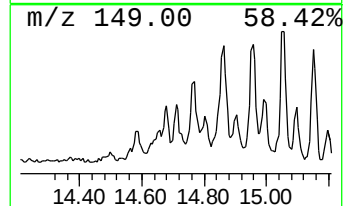
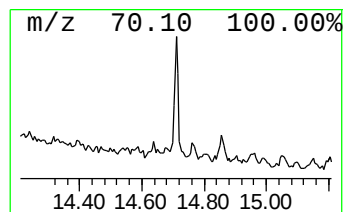
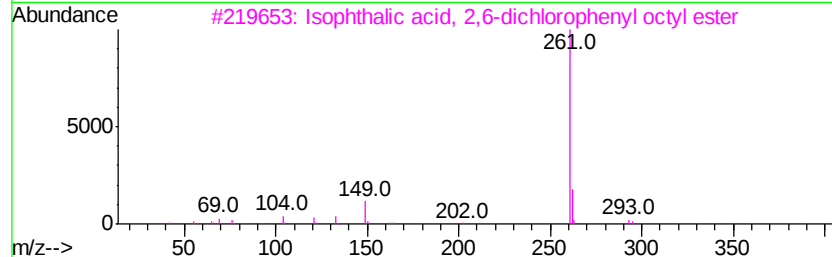
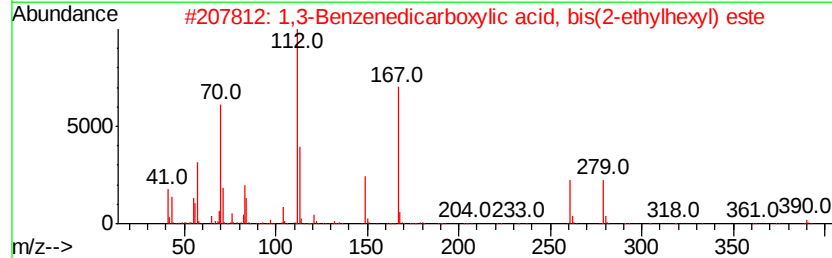
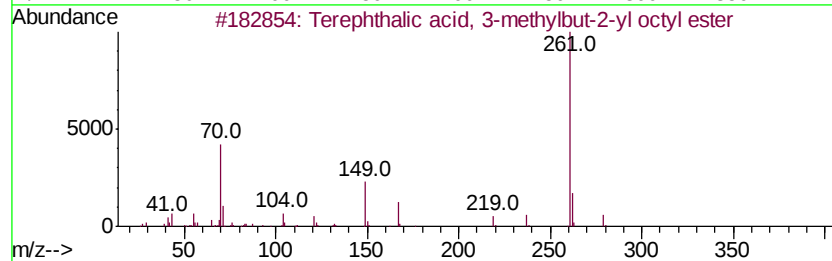
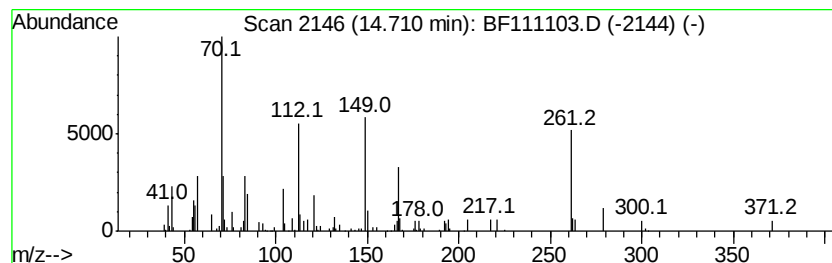
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown14.71 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	2.82 ng	56492	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	43
2		1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	37
3		Isophthalic acid, 2,6-dichloroph...	422	C22H24Cl2O4	1000344-62-6	22
4		Isophthalic acid, 2-fluorophenyl...	372	C22H25FO4	1000344-65-7	22
5		Cyclohexaneamine, N-but-2-enylid...	167	C10H17NO	068048-01-1	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111103.D
Acq On : 29 Nov 2018 21:05
Operator : JU/SJ
Sample : J6085-04 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

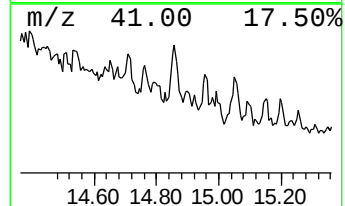
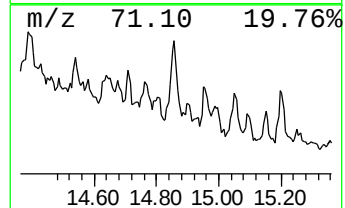
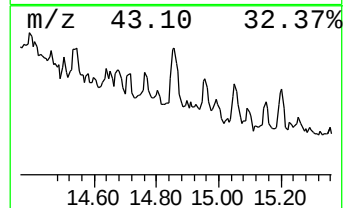
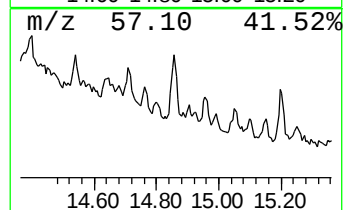
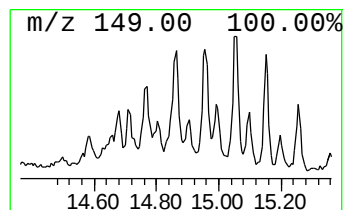
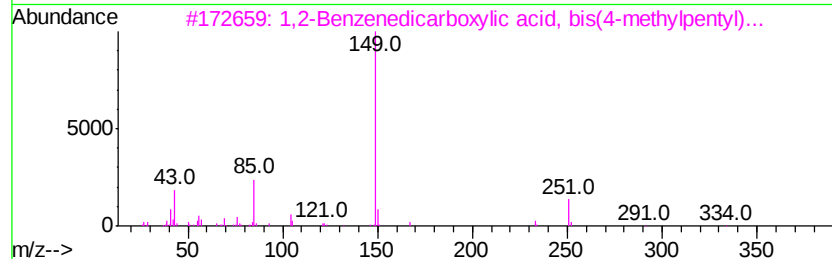
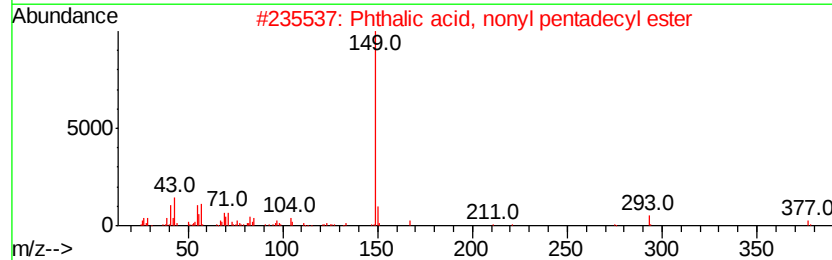
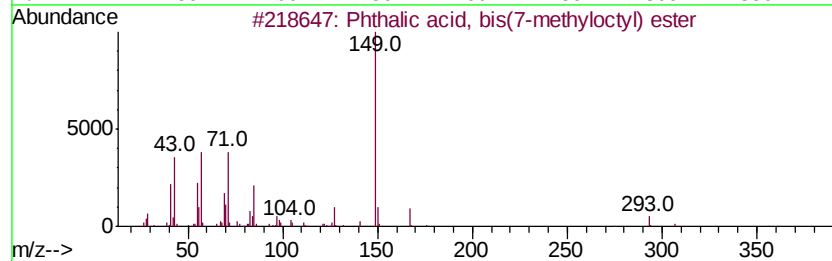
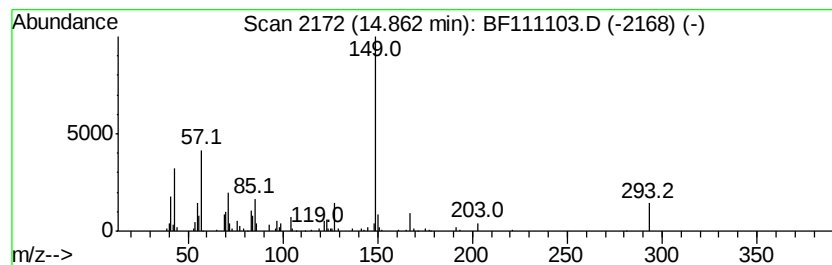
Instrument :
BNA_F
ClientSampled :
NS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phthalic acid, bis(7-methyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.86	3.01 ng	60379	Chrysene-d12	14.13		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phthalic acid, bis(7-methyloctyl...	418	C26H42O4	020548-62-3	64
2		Phthalic acid, nonyl pentadecyl ...	502	C32H54O4	1000308-92-7	46
3		1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	38
4		2-(Isobutoxycarbonyl)benzoic acid	222	C12H14O4	1000373-52-8	35
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111103.D
Acq On : 29 Nov 2018 21:05
Operator : JU/SJ
Sample : J6085-04 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NS

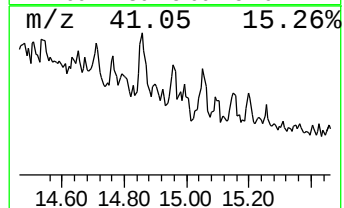
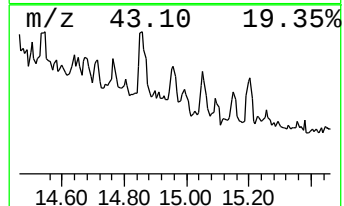
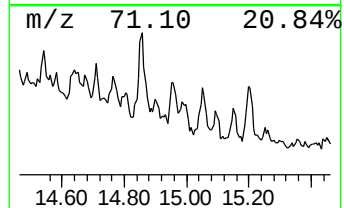
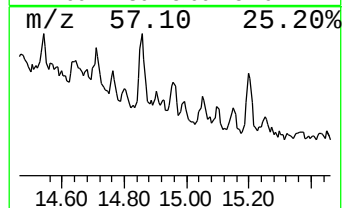
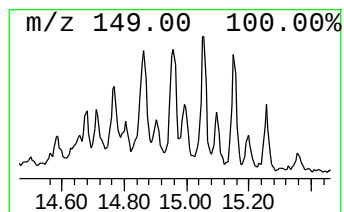
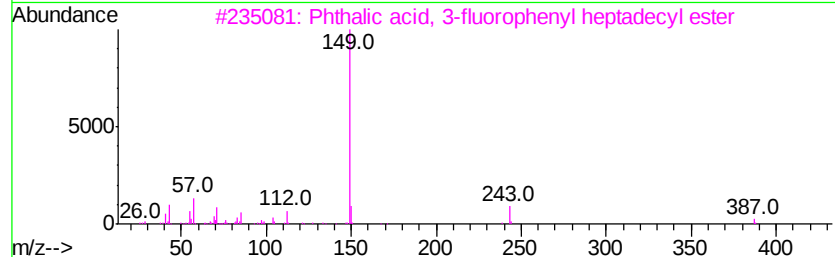
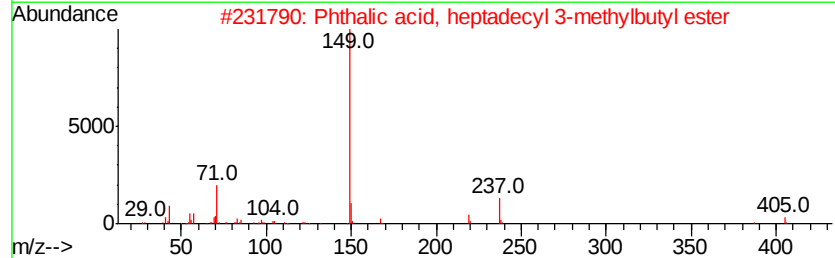
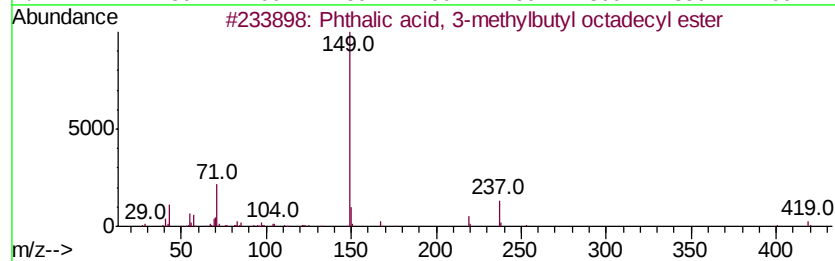
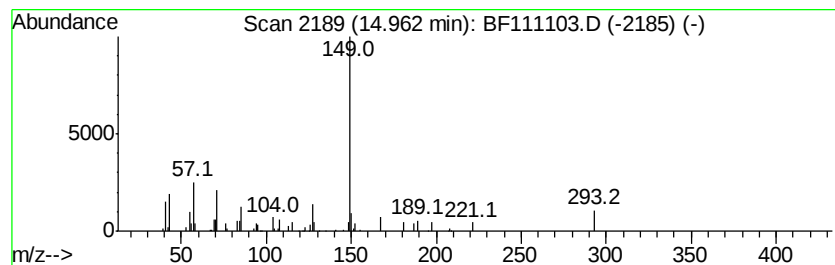
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phthalic acid, 3-methylbuty... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	3.58 ng	41130	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, 3-methylbutyl oct...	488	C31H52O4	1000356-81-9	53
2		Phthalic acid, heptadecyl 3-meth...	474	C30H50O4	1000356-81-8	53
3		Phthalic acid, 3-fluorophenyl he...	498	C31H43FO4	1000356-66-2	50
4		Phthalic acid, 4-methylpent-2-yl...	376	C23H36O4	1000356-87-9	50
5		1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111103.D
Acq On : 29 Nov 2018 21:05
Operator : JU/SJ
Sample : J6085-04 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NS

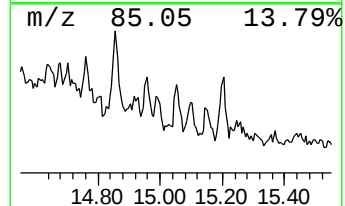
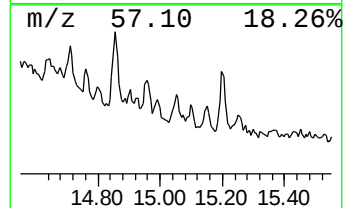
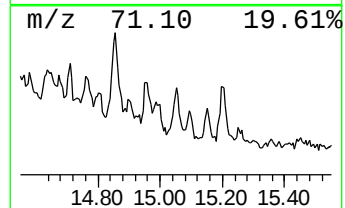
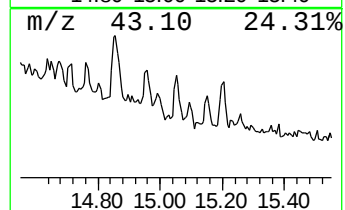
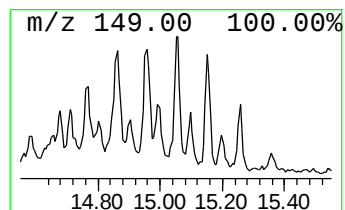
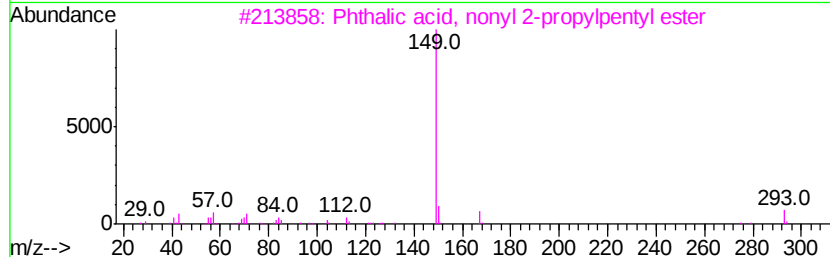
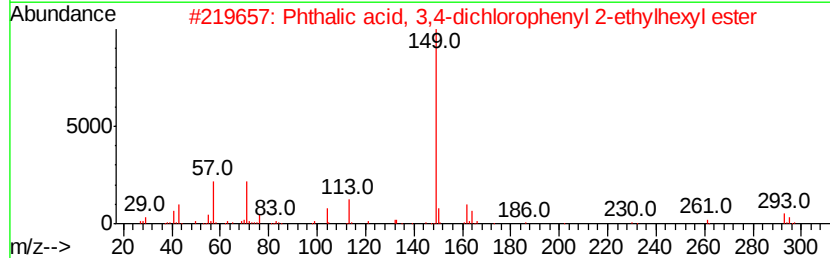
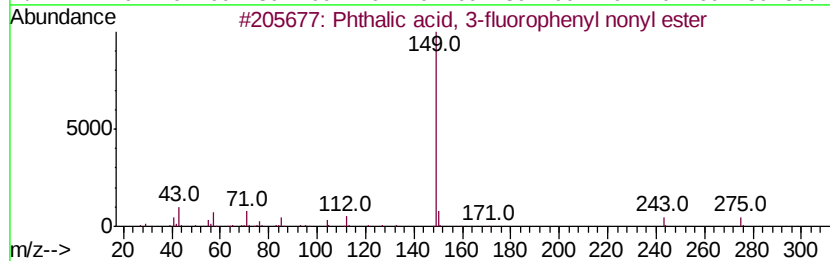
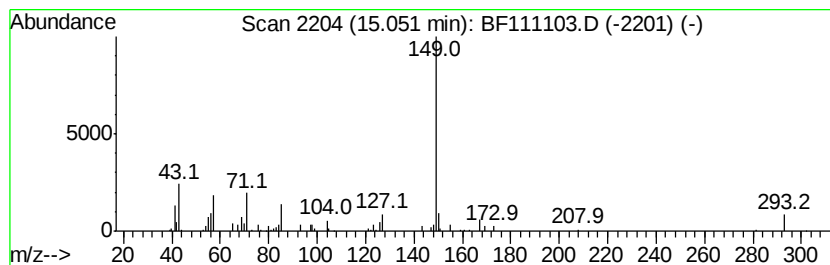
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phthalic acid, 3-fluorophen... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	3.70 ng	42478	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, 3-fluorophenyl no...	386	C23H27F04	1000356-67-2	64
2		Phthalic acid, 3,4-dichloropheny...	422	C22H24Cl204	1000315-52-0	64
3		Phthalic acid, nonyl 2-propylpen...	404	C25H40O4	1000377-92-5	64
4		Phthalic acid, 2-fluorophenyl pe...	470	C29H39F04	1000356-50-2	59
5		Phthalic acid, heptyl 2-methylbu...	334	C20H30O4	1000322-81-5	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111103.D
Acq On : 29 Nov 2018 21:05
Operator : JU/SJ
Sample : J6085-04 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NS

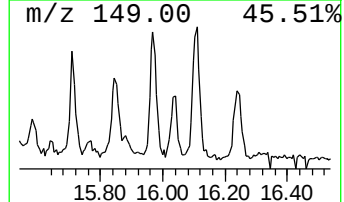
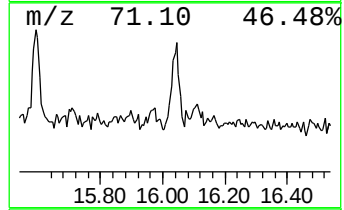
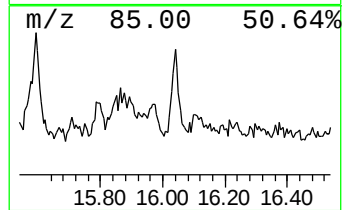
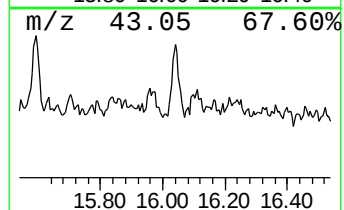
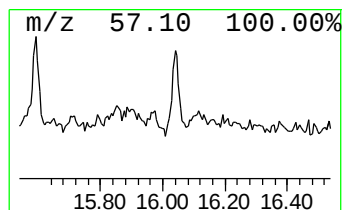
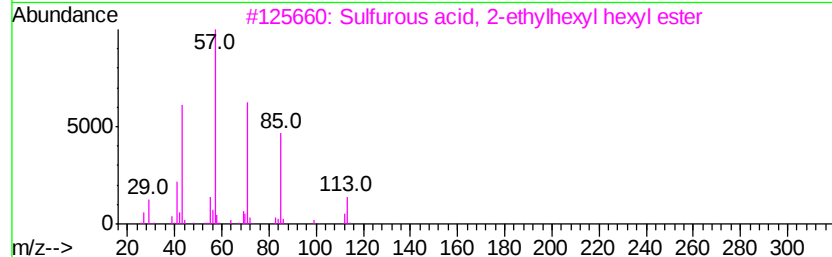
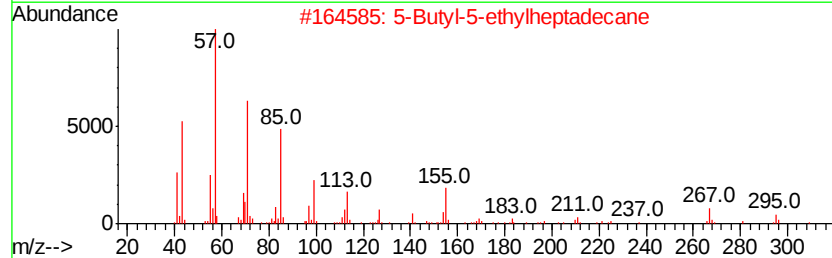
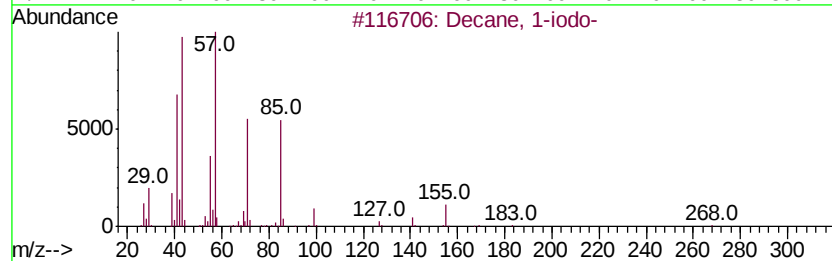
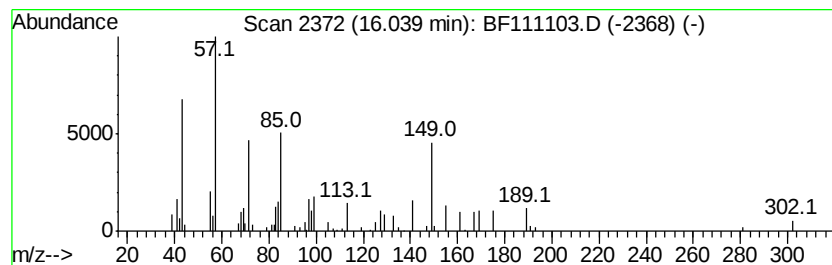
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown16.04 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	2.83 ng	32500	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 1-iodo-	268	C10H21I	002050-77-3	35
2		5-Butyl-5-ethylheptadecane	324	C23H48	1000360-43-0	35
3		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	27
4		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	27
5		Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112918\
 Data File : BF111103.D
 Acq On : 29 Nov 2018 21:05
 Operator : JU/SJ
 Sample : J6085-04 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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
Butane, 2-methoxy...	2.16	5.3	ng	67810	1	6.93	257843	20.0
unknown6.72	6.72	5.6	ng	72162	1	6.93	257843	20.0
Eicosane	9.66	4.6	ng	91229	3	9.97	396245	20.0
Oxalic acid, cycl...	9.82	4.3	ng	86221	3	9.97	396245	20.0
Hexatriacontane	9.87	9.3	ng	185018	3	9.97	396245	20.0
Sulfurous acid, b...	9.92	5.6	ng	110226	3	9.97	396245	20.0
Nonane, 2-methyl-...	10.11	10.1	ng	200237	3	9.97	396245	20.0
unknown10.16	10.16	4.0	ng	78230	3	9.97	396245	20.0
Octadecane, 1-iodo-	10.20	4.3	ng	85826	3	9.97	396245	20.0
3-Fluorobenzoic a...	10.37	10.9	ng	215045	3	9.97	396245	20.0
Tridecane	10.41	10.3	ng	203908	3	9.97	396245	20.0
Undecane, 3,5-dim...	10.60	30.4	ng	603055	3	9.97	396245	20.0
Pentadecane, 2,6,...	10.87	33.5	ng	991007	4	11.48	590738	20.0
Heptadecane, 2,6,...	11.34	20.0	ng	590738	4	11.48	590738	20.0
unknown14.71	14.71	2.8	ng	56492	5	14.13	400955	20.0
Phthalic acid, bi...	14.86	3.0	ng	60379	5	14.13	400955	20.0
Phthalic acid, 3-...	14.96	3.6	ng	41130	6	15.66	229760	20.0
Phthalic acid, 3-...	15.05	3.7	ng	42478	6	15.66	229760	20.0
unknown16.04	16.04	2.8	ng	32500	6	15.66	229760	20.0