

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110918\
 Data File : BF110622.D
 Acq On : 9 Nov 2018 12:46
 Operator : JU/SJ
 Sample : J5762-01 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-110518

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-BF110818.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	2.216	17	22	34	rVB	107549	145914	14.22%	1.361%
2	5.169	520	524	533	rBV	17766	24204	2.36%	0.226%
3	5.557	586	590	606	rBV	882198	846223	82.47%	7.891%
4	6.563	758	761	776	rBV	948022	1026078	100.00%	9.568%
5	6.710	783	786	790	rBV	1100317	957517	93.32%	8.928%
6	6.945	822	826	832	rBV	621117	514215	50.11%	4.795%
7	7.098	848	852	864	rBV	822053	719526	70.12%	6.709%
8	7.510	918	922	938	rBV	567289	603999	58.86%	5.632%
9	8.227	1040	1044	1059	rVB	726393	653501	63.69%	6.093%
10	9.298	1222	1226	1235	rBV	1200345	958350	93.40%	8.936%
11	9.692	1288	1293	1300	rVB	122022	109410	10.66%	1.020%
12	9.986	1339	1343	1353	rVB	692424	605978	59.06%	5.650%
13	10.774	1474	1477	1486	rBV	327291	334030	32.55%	3.115%
14	10.868	1490	1493	1502	rVB3	10765	18718	1.82%	0.175%
15	11.480	1593	1597	1605	rBV	579691	514945	50.19%	4.802%
16	11.845	1657	1659	1663	rVB2	18981	15093	1.47%	0.141%
17	11.980	1679	1682	1686	rBV3	27064	33672	3.28%	0.314%
18	12.533	1773	1776	1778	rBV2	73447	69837	6.81%	0.651%
19	12.551	1778	1779	1784	rVB3	52354	46468	4.53%	0.433%
20	12.645	1792	1795	1800	rVB3	11984	17379	1.69%	0.162%
21	12.698	1800	1804	1808	rBV	38513	41073	4.00%	0.383%
22	12.768	1813	1816	1823	rVV4	38907	52719	5.14%	0.492%
23	12.909	1838	1840	1842	rBV	27060	29773	2.90%	0.278%
24	12.933	1842	1844	1848	rVB2	43322	43989	4.29%	0.410%
25	12.980	1848	1852	1855	rBV2	14675	17165	1.67%	0.160%
26	13.056	1862	1865	1869	rBV	759093	671346	65.43%	6.260%
27	13.268	1898	1901	1904	rVB2	30560	23118	2.25%	0.216%
28	13.609	1956	1959	1961	rBV2	47011	39904	3.89%	0.372%
29	13.939	2012	2015	2020	rBV2	77955	102101	9.95%	0.952%
30	14.127	2043	2047	2051	rBV	565530	557613	54.34%	5.199%
31	14.256	2066	2069	2072	rBV	63745	61434	5.99%	0.573%
32	14.562	2118	2121	2124	rBV	75597	75404	7.35%	0.703%
33	14.880	2172	2175	2178	rVB	84928	85752	8.36%	0.800%
34	15.227	2231	2234	2243	rVB	116786	136873	13.34%	1.276%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110918\
Data File : BF110622.D
Acq On : 9 Nov 2018 12:46
Operator : JU/SJ
Sample : J5762-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-01-110518

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-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.621	2298	2301	2304	rBV	95003	130018	12.67%	1.212%
36	15.656	2304	2307	2311	rVB	277152	323963	31.57%	3.021%
37	16.080	2376	2379	2383	rVB	91015	117271	11.43%	1.093%

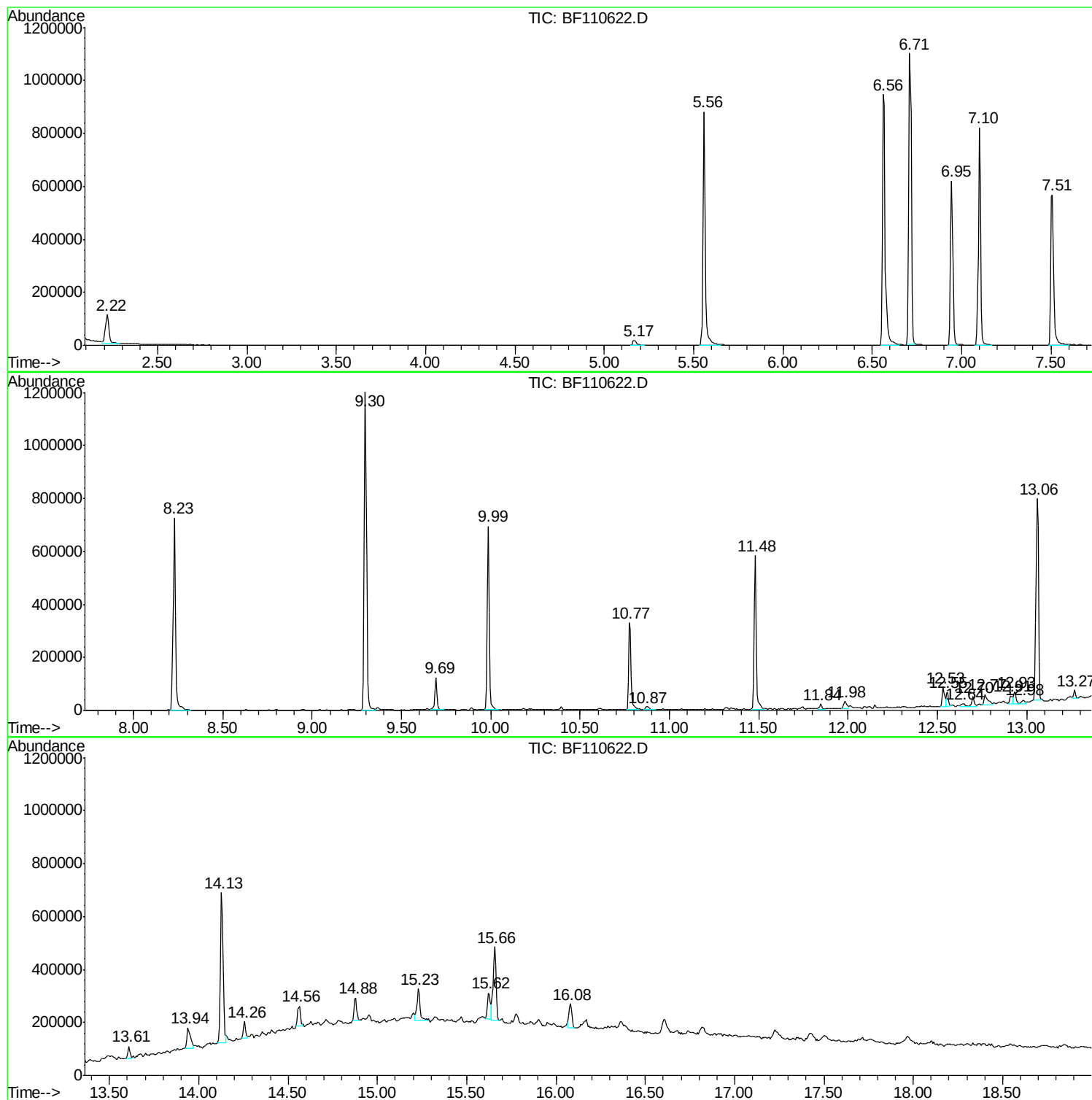
Sum of corrected areas: 10724573

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110622.D
Acq On : 9 Nov 2018 12:46
Operator : JU/SJ
Sample : J5762-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-01-110518

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.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\BF110918\
Data File : BF110622.D
Acq On : 9 Nov 2018 12:46
Operator : JU/SJ
Sample : J5762-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-01-110518

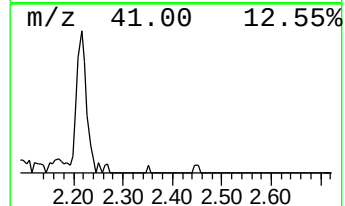
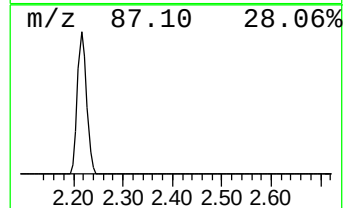
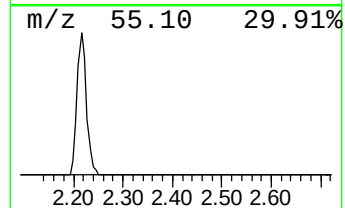
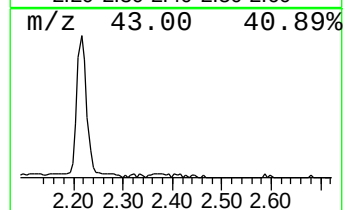
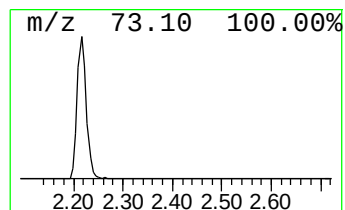
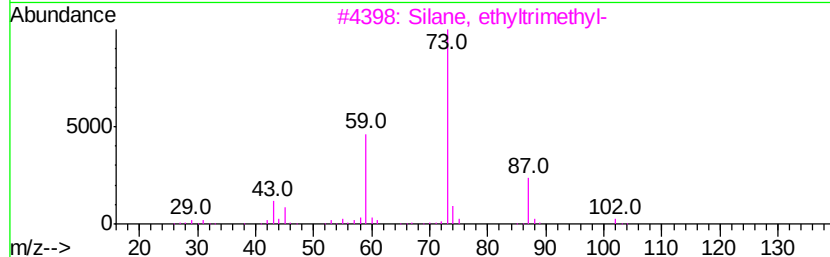
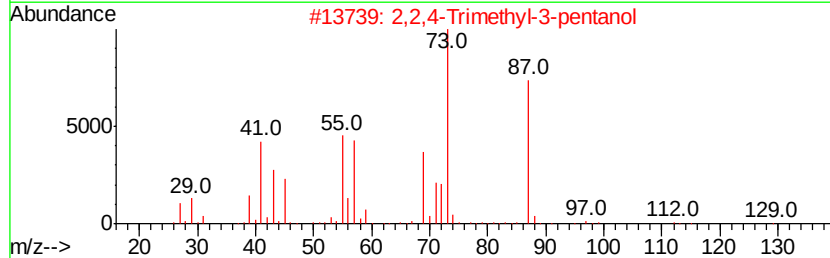
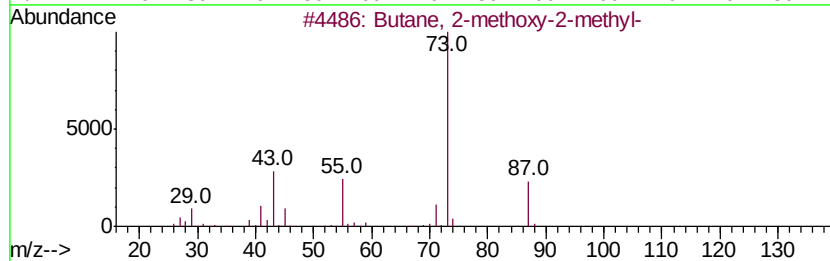
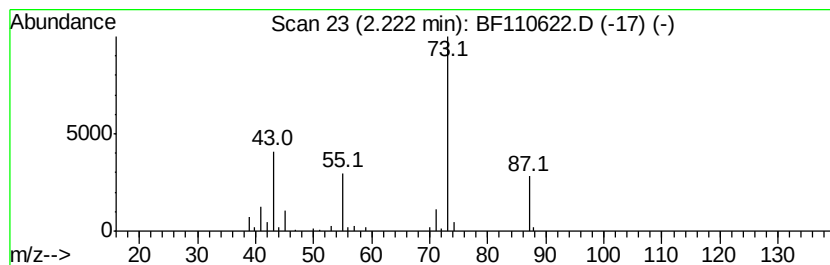
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	5.68 ng	145914	1,4-Dichlorobenzene-d4	6.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4			1-Propene-1-thiol	74	C3H6S	000925-89-3	22
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110622.D
Acq On : 9 Nov 2018 12:46
Operator : JU/SJ
Sample : J5762-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-01-110518

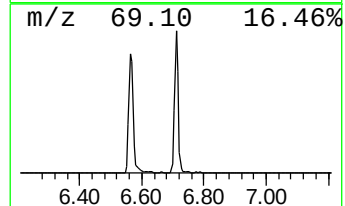
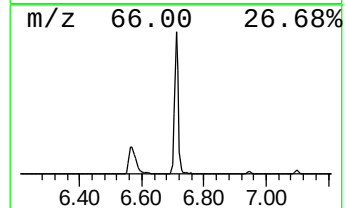
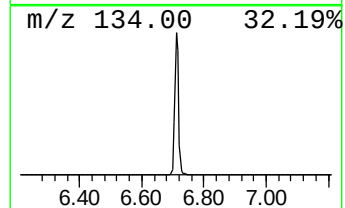
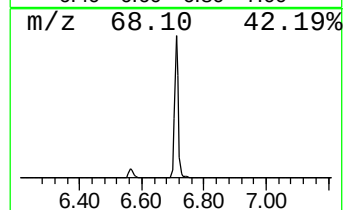
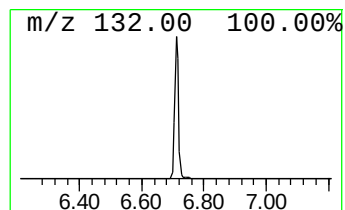
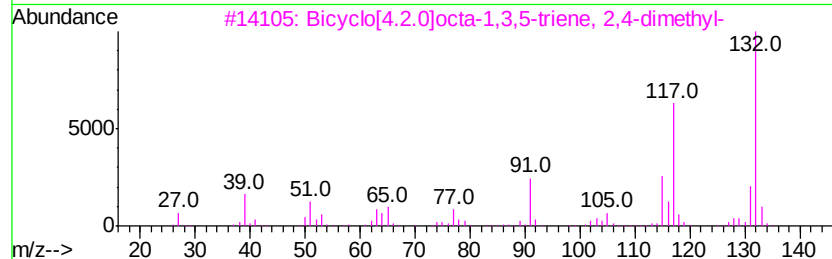
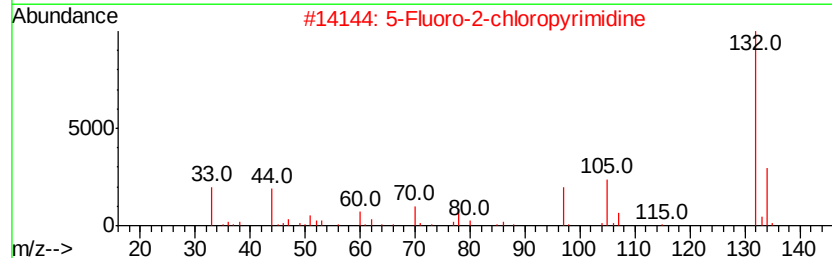
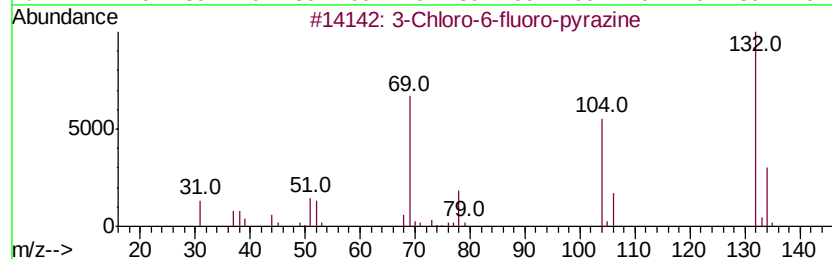
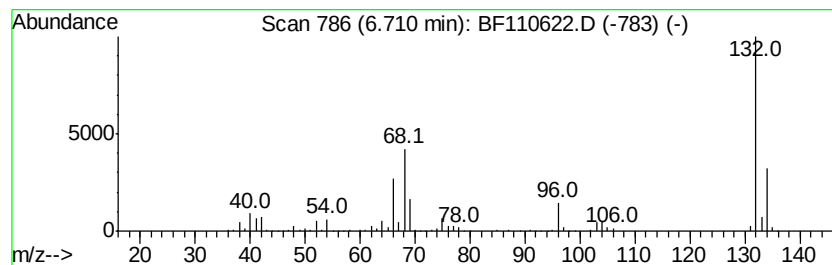
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	37.24 ng	957517	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110622.D
Acq On : 9 Nov 2018 12:46
Operator : JU/SJ
Sample : J5762-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

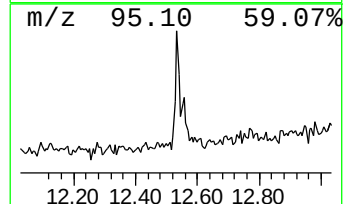
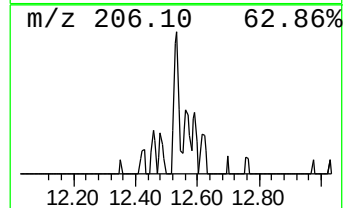
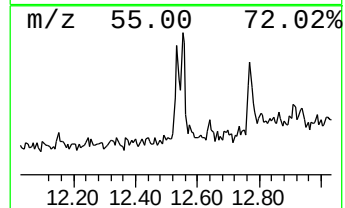
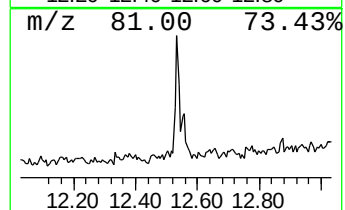
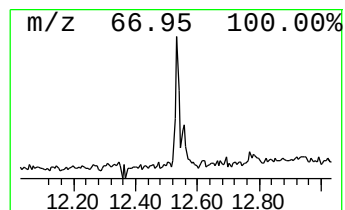
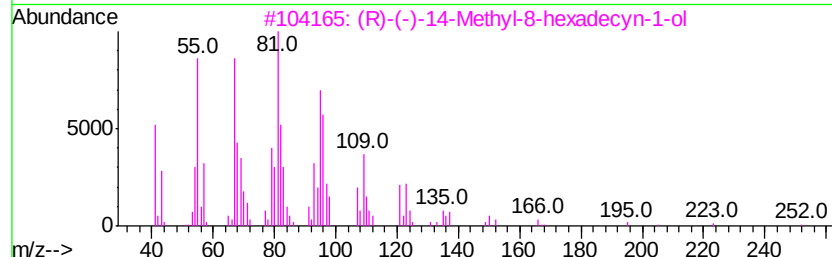
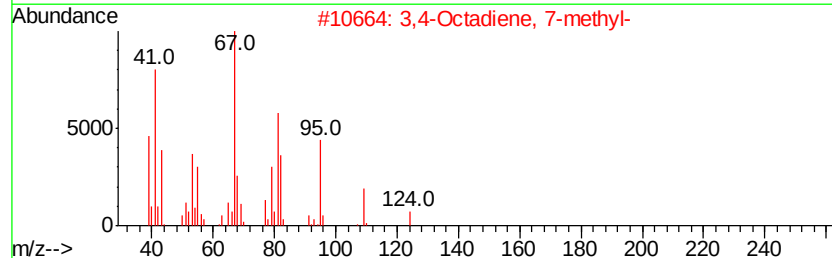
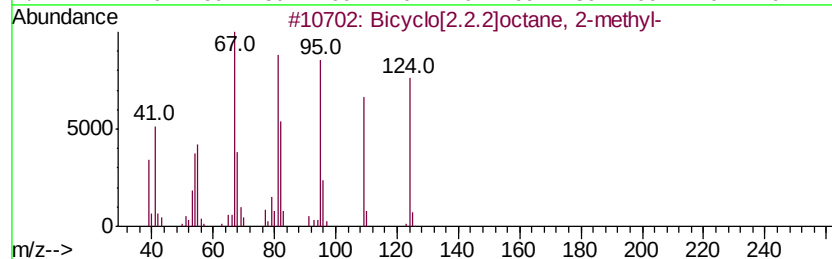
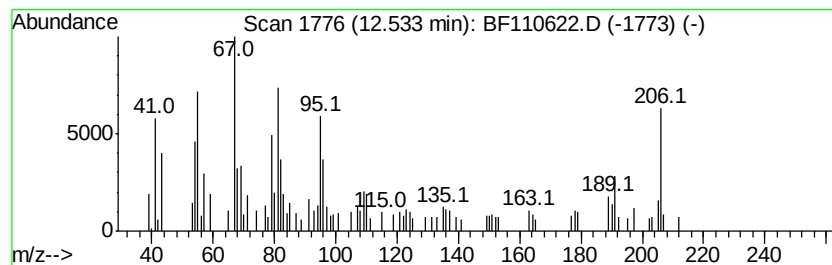
Instrument :
BNA_F
ClientSampleId :
BU-01-110518

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Bicyclo[2.2.2]octane, 2-met... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.53	2.71 ng	69837	Phenanthrene-d10	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	64
2	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	58
3	(R)-(-)-14-Methyl-8-hexadecyn-1-ol	252	C17H32O	064566-18-3	53
4	11,14-Eicosadienoic acid, methyl...	322	C21H38O2	002463-02-7	50
5	7-Heptadecyne, 17-chloro-	270	C17H31Cl	056554-75-7	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110622.D
Acq On : 9 Nov 2018 12:46
Operator : JU/SJ
Sample : J5762-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

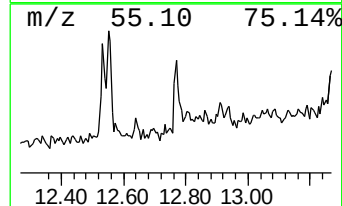
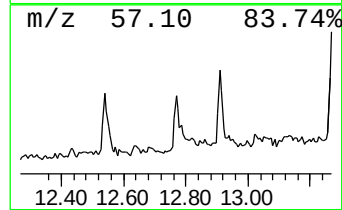
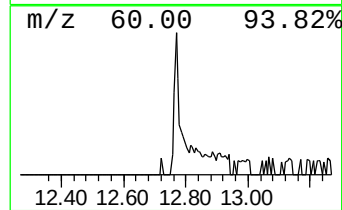
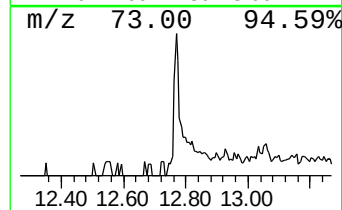
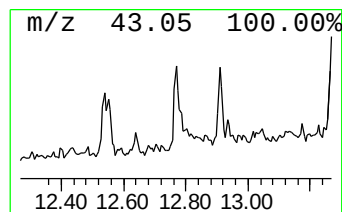
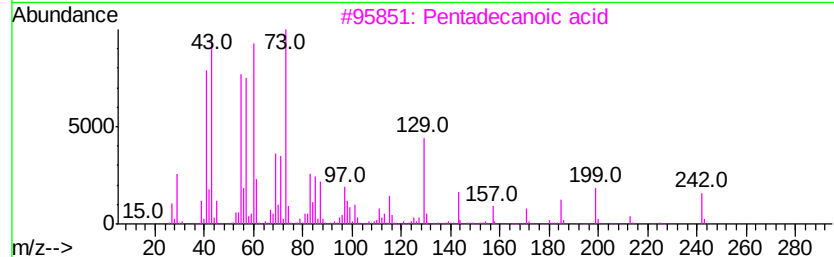
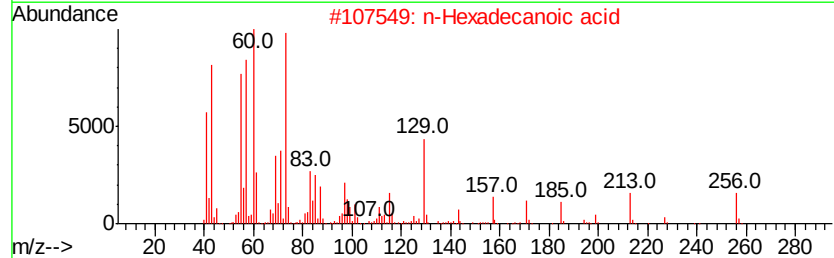
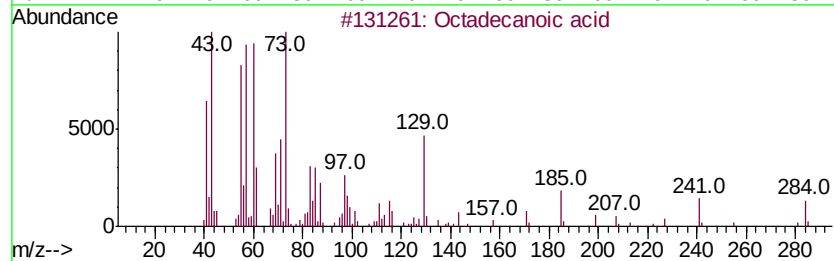
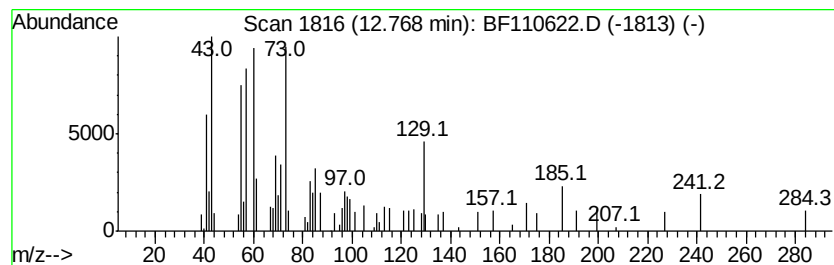
Instrument :
BNA_F
ClientSampleId :
BU-01-110518

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.77	2.05 ng	52719	Phenanthrene-d10		11.48
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110622.D
Acq On : 9 Nov 2018 12:46
Operator : JU/SJ
Sample : J5762-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

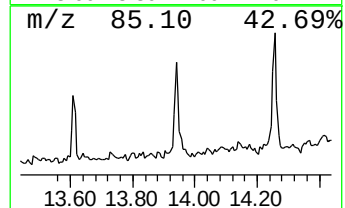
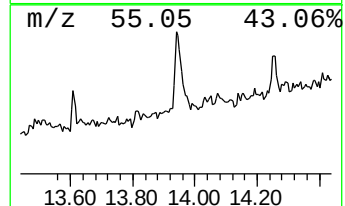
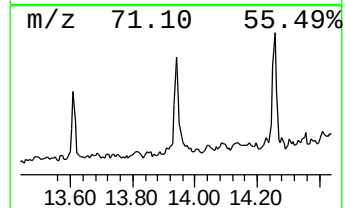
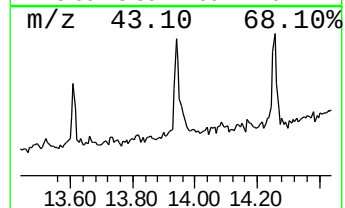
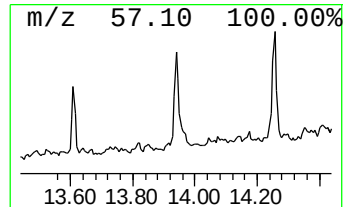
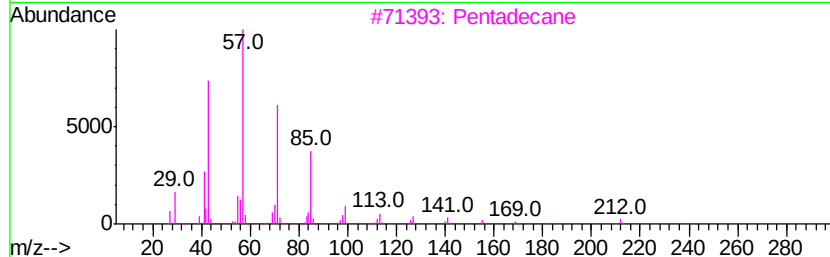
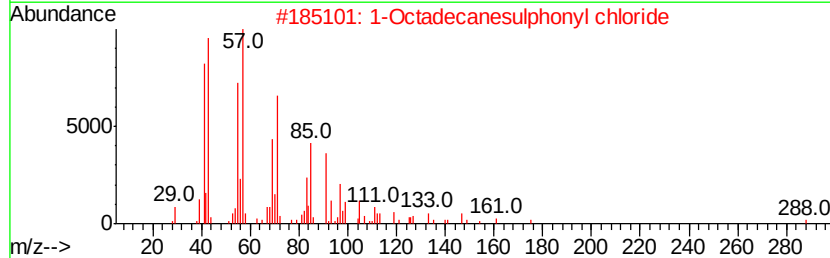
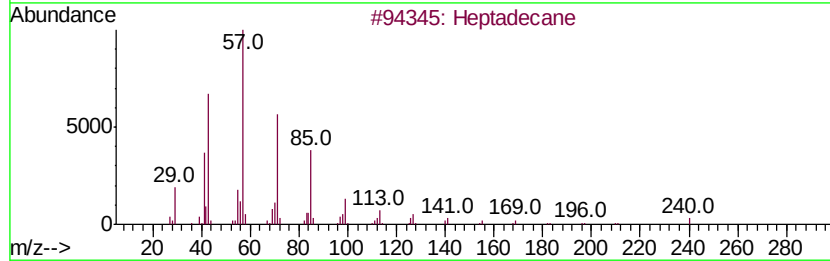
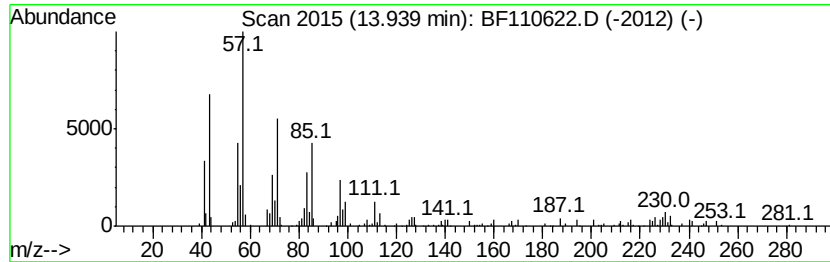
Instrument :
BNA_F
ClientSampleId :
BU-01-110518

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	3.66 ng	102101	Chrysene-d12	14.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	92
2	1-Octadecanesulphonyl chloride	352 C18H37ClO2S	1000342-70-4	87
3	Pentadecane	212 C15H32	000629-62-9	86
4	Sulfurous acid, pentadecyl 2-pro...	334 C18H38O3S	1000309-12-6	86
5	Hexadecane	226 C16H34	000544-76-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110622.D
Acq On : 9 Nov 2018 12:46
Operator : JU/SJ
Sample : J5762-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-01-110518

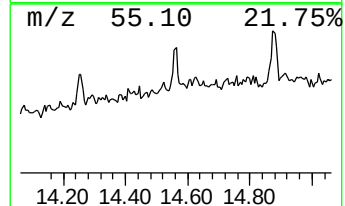
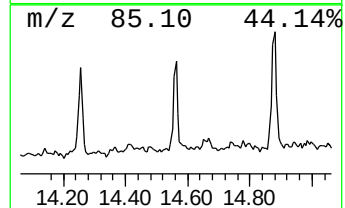
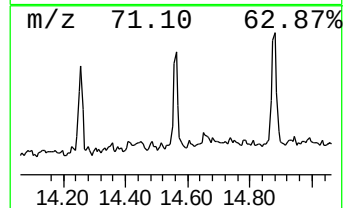
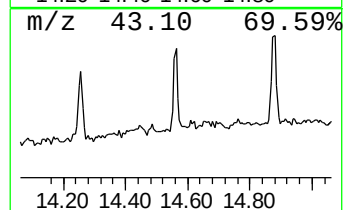
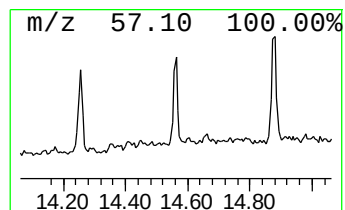
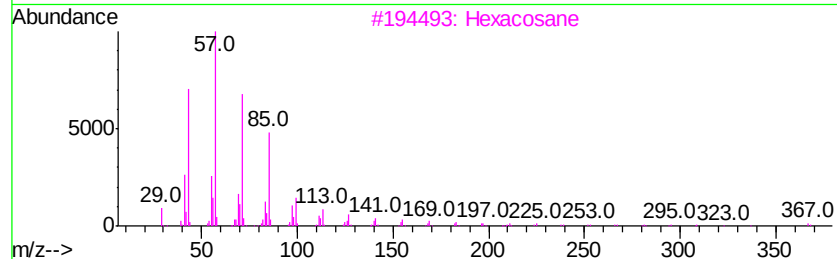
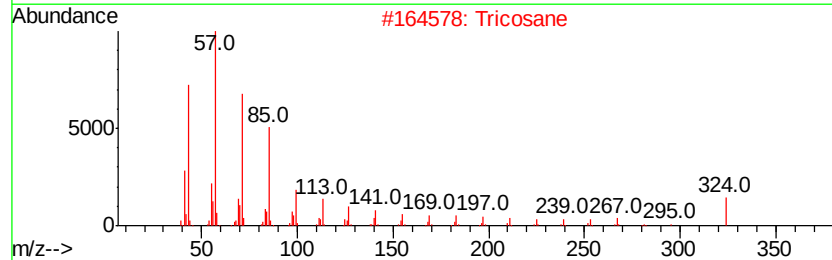
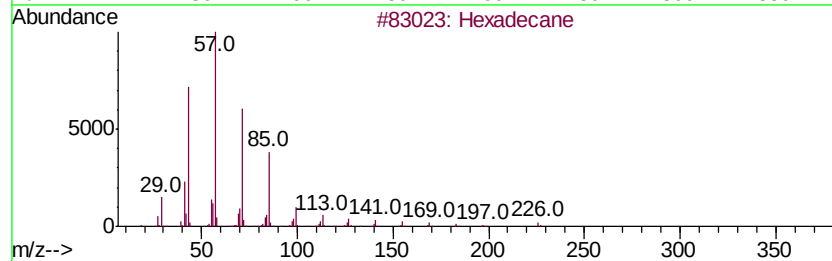
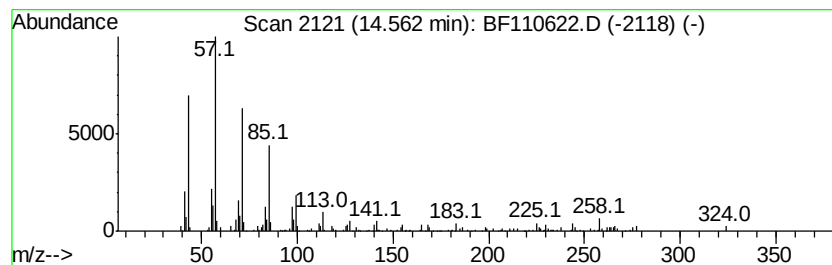
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	2.70 ng	75404	Chrysene-d12	14.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	95
2	Tricosane		324	C23H48	000638-67-5	93
3	Hexacosane		366	C26H54	000630-01-3	90
4	Heptacosane		380	C27H56	000593-49-7	90
5	Octacosane		394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110622.D
 Acq On : 9 Nov 2018 12:46
 Operator : JU/SJ
 Sample : J5762-01 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-110518

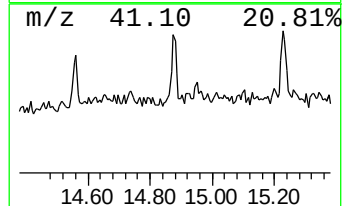
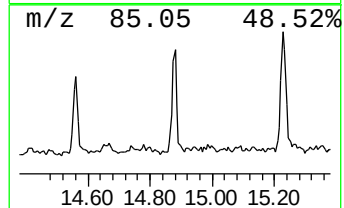
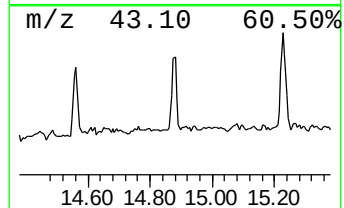
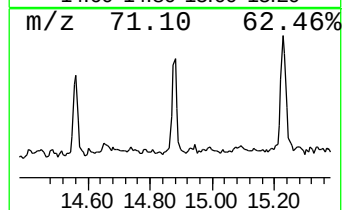
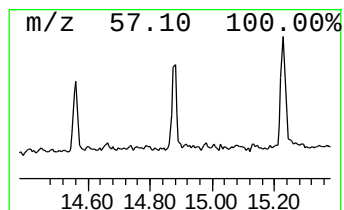
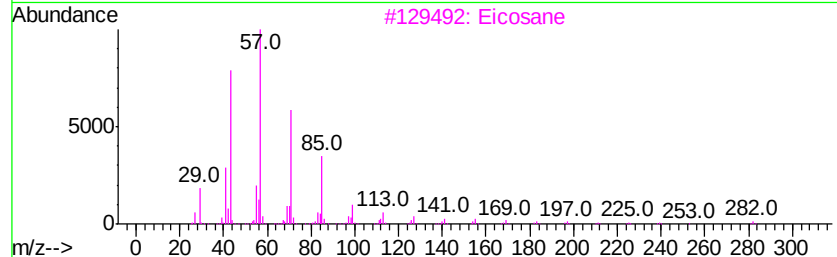
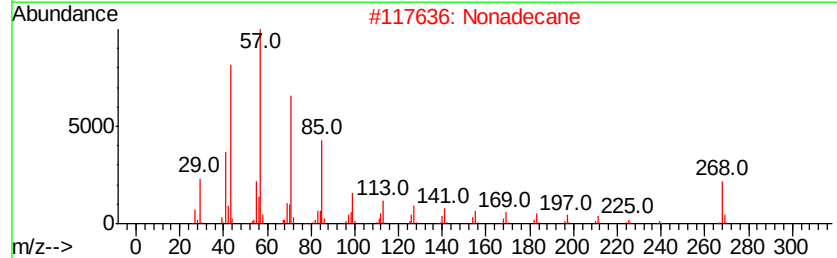
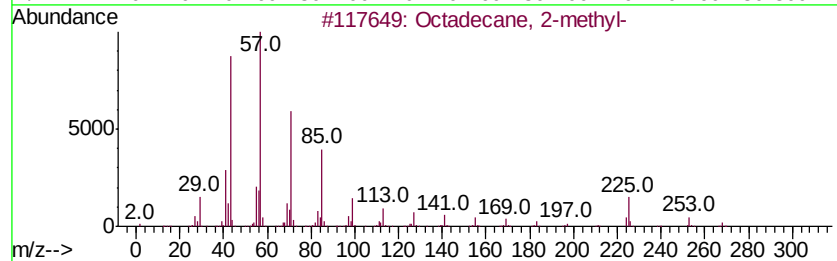
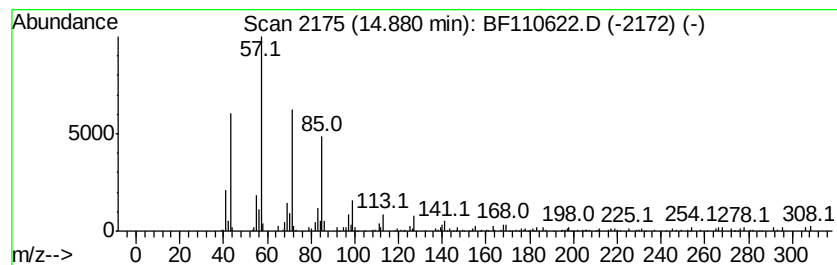
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Octadecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	3.08 ng	85752	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
2		Nonadecane	268	C19H40	000629-92-5	87
3		Eicosane	282	C20H42	000112-95-8	87
4		Octadecane	254	C18H38	000593-45-3	87
5		Docosane	310	C22H46	000629-97-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110622.D
Acq On : 9 Nov 2018 12:46
Operator : JU/SJ
Sample : J5762-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-01-110518

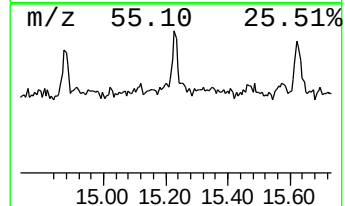
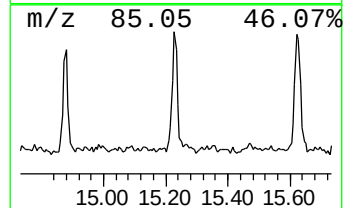
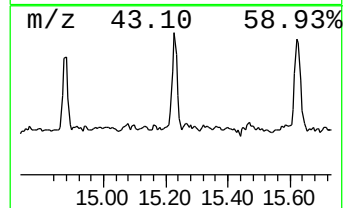
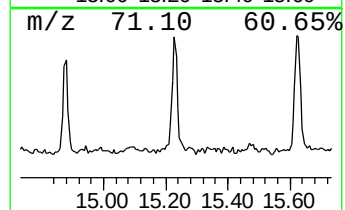
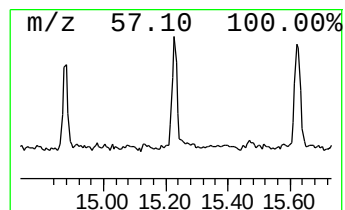
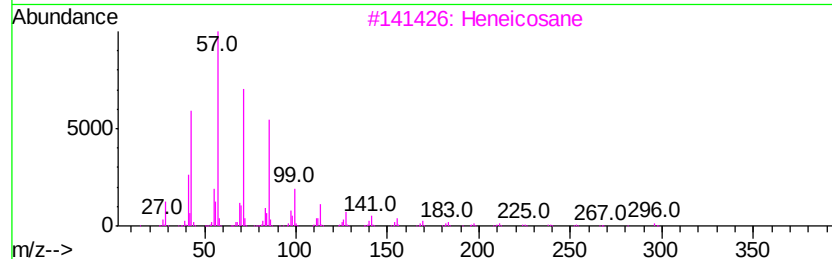
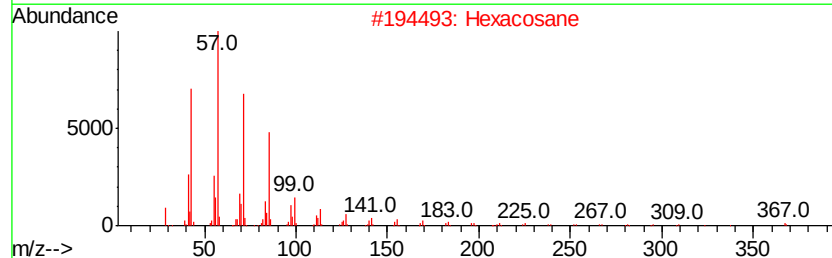
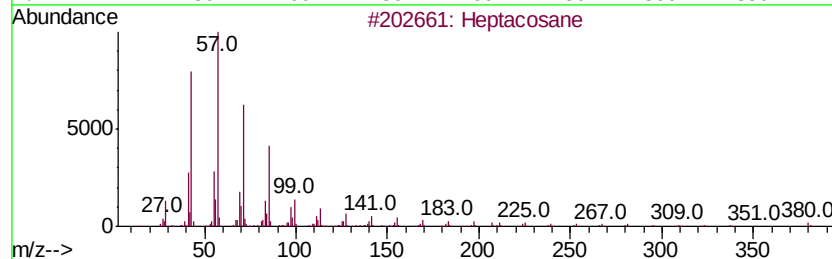
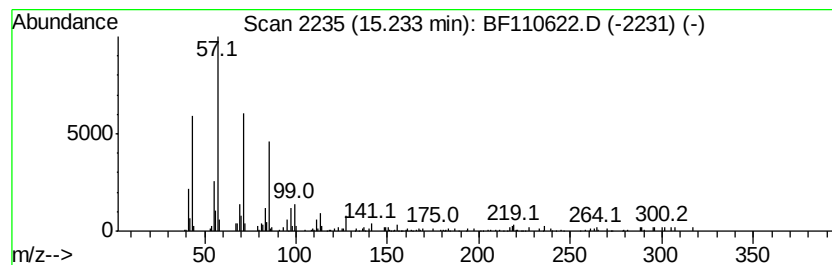
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	8.45 ng	136873	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		Heneicosane	296	C21H44	000629-94-7	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110622.D
Acq On : 9 Nov 2018 12:46
Operator : JU/SJ
Sample : J5762-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-01-110518

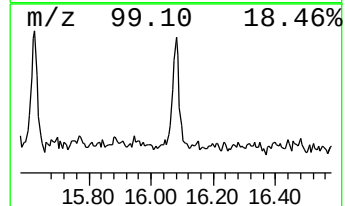
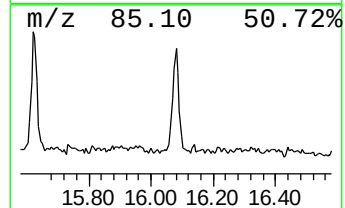
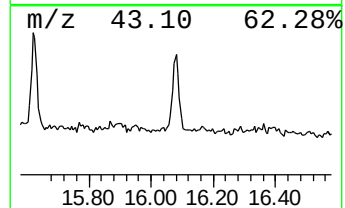
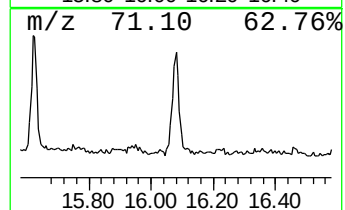
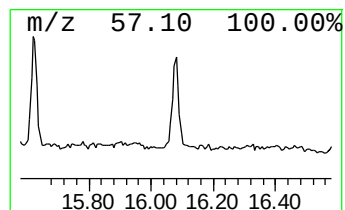
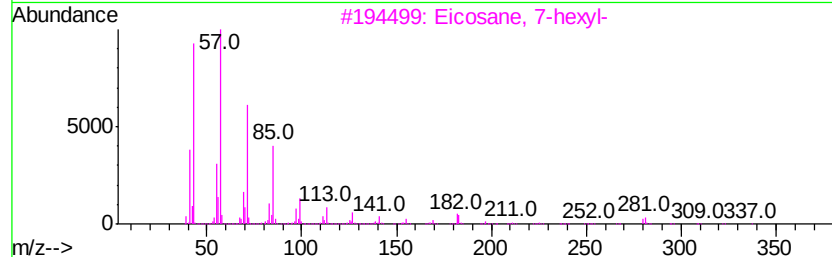
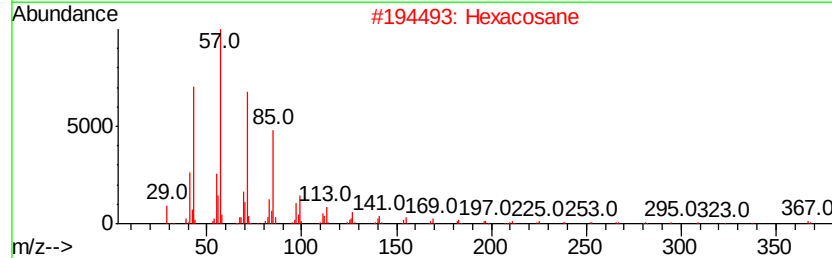
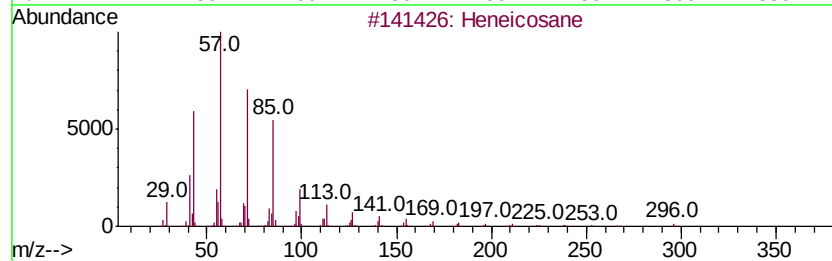
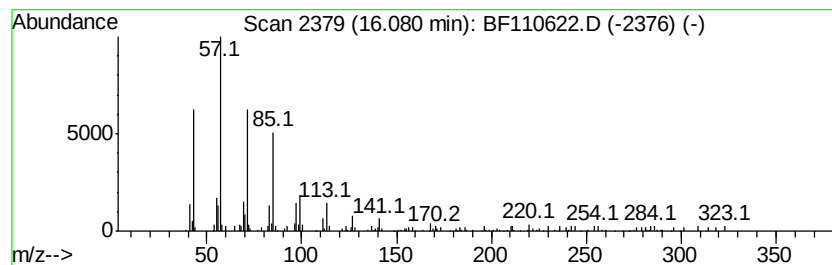
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	7.24 ng	117271	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	93
2		Hexacosane	366	C26H54	000630-01-3	87
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5		5-Butyl-5-ethylheptadecane	324	C23H48	1000360-43-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110918\
Data File : BF110622.D
Acq On : 9 Nov 2018 12:46
Operator : JU/SJ
Sample : J5762-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-01-110518

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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...	2.22	5.7	ng	145914	1	6.95	514215	20.0
unknown6.71	6.71	37.2	ng	957517	1	6.95	514215	20.0
Bicyclo[2.2.2]oct...	12.53	2.7	ng	69837	4	11.48	514945	20.0
Octadecanoic acid	12.77	2.0	ng	52719	4	11.48	514945	20.0
Heptadecane	13.94	3.7	ng	102101	5	14.13	557613	20.0
Hexadecane	14.56	2.7	ng	75404	5	14.13	557613	20.0
Octadecane, 2-met...	14.88	3.1	ng	85752	5	14.13	557613	20.0
Heptacosane	15.23	8.4	ng	136873	6	15.66	323963	20.0
Heneicosane	16.08	7.2	ng	117271	6	15.66	323963	20.0