

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108528.D
 Acq On : 28 Aug 2018 00:07
 Operator : JU/SJ
 Sample : J4659-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082218-TIPC-F-D-B

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-BF080818.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	5.231	489	492	499	rVB	50469	49480	1.49%	0.248%
2	5.625	555	559	577	rBV	929474	850728	25.62%	4.262%
3	6.613	724	727	731	rBV	556694	515785	15.53%	2.584%
4	6.766	749	753	757	rBV	1830339	1628530	49.05%	8.159%
5	7.001	789	793	796	rBV	713069	621997	18.73%	3.116%
6	7.154	815	819	823	rBV	2516551	2381397	71.72%	11.931%
7	7.560	883	888	892	rBV	1840794	1904028	57.35%	9.540%
8	8.283	1007	1011	1025	rBV	836461	731970	22.05%	3.667%
9	9.354	1189	1193	1197	rBV	3620721	3320209	100.00%	16.635%
10	9.742	1256	1259	1266	rBV	64403	60459	1.82%	0.303%
11	10.042	1307	1310	1321	rVB	816193	714904	21.53%	3.582%
12	10.448	1376	1379	1382	rVB	43671	35781	1.08%	0.179%
13	10.701	1418	1422	1426	rBV	123279	95224	2.87%	0.477%
14	10.836	1441	1445	1454	rBV	1169696	1079088	32.50%	5.407%
15	11.536	1561	1564	1577	rVB	714709	653497	19.68%	3.274%
16	13.124	1830	1834	1837	rBV	3138016	2639717	79.50%	13.226%
17	13.330	1865	1869	1872	rBV	63209	51403	1.55%	0.258%
18	13.577	1908	1911	1919	rBV7	23185	37623	1.13%	0.189%
19	13.671	1923	1927	1930	rBV2	106371	96551	2.91%	0.484%
20	14.001	1980	1983	1986	rBV	123534	97967	2.95%	0.491%
21	14.048	1987	1991	2003	rVV5	32695	96965	2.92%	0.486%
22	14.142	2003	2007	2012	rVB	218487	194955	5.87%	0.977%
23	14.189	2012	2015	2021	rBV	711566	717744	21.62%	3.596%
24	14.318	2033	2037	2040	rBV	163814	145179	4.37%	0.727%
25	14.624	2086	2089	2094	rVB	171203	165047	4.97%	0.827%
26	14.948	2141	2144	2149	rVB	145087	151898	4.57%	0.761%
27	15.036	2155	2159	2162	rBV	54796	59949	1.81%	0.300%
28	15.312	2202	2206	2210	rBV	130025	152209	4.58%	0.763%
29	15.748	2271	2280	2285	rBV2	330916	599512	18.06%	3.004%
30	16.195	2351	2356	2360	rVB	62956	109265	3.29%	0.547%

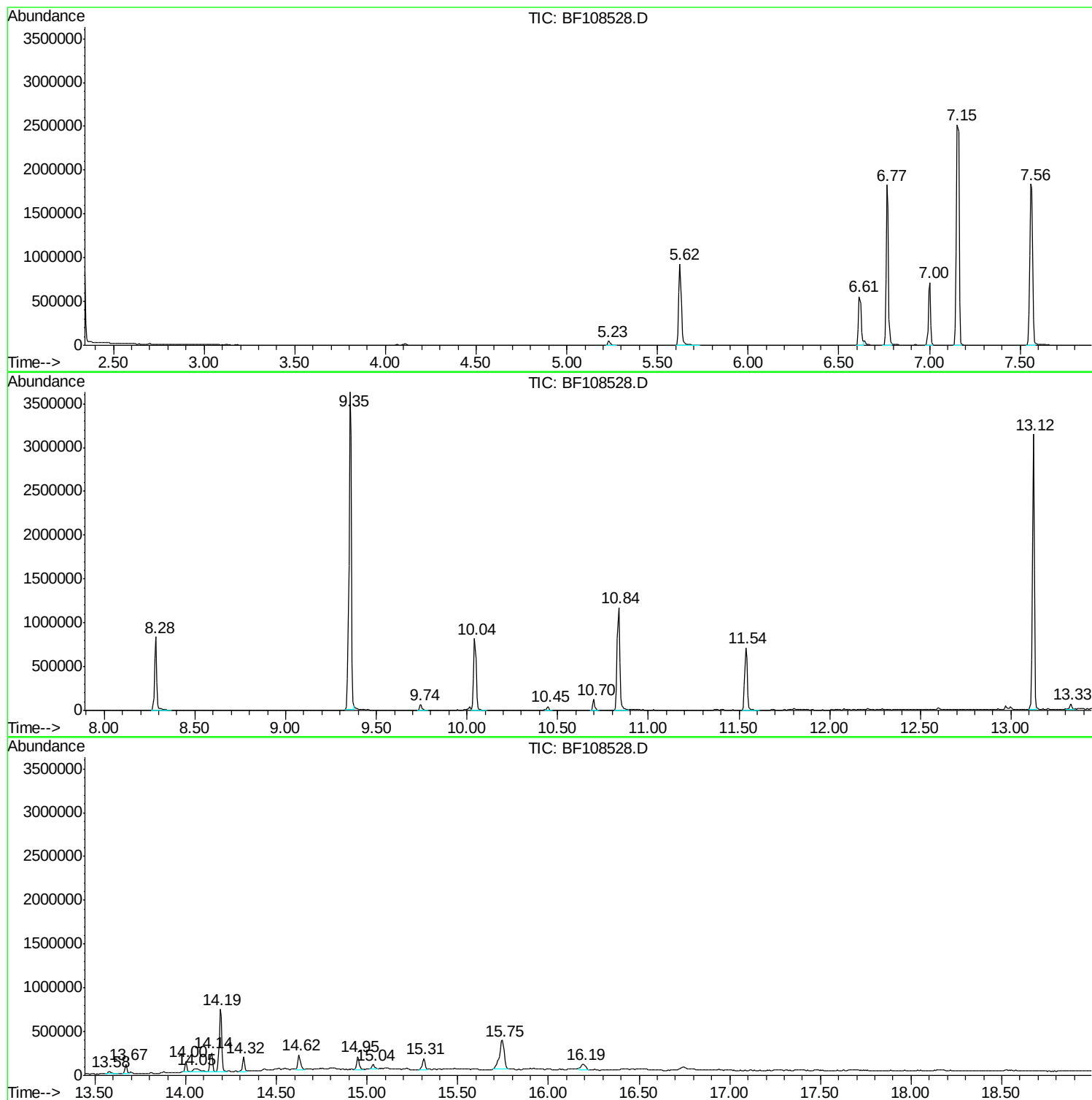
Sum of corrected areas: 19959061

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108528.D
Acq On : 28 Aug 2018 00:07
Operator : JU/SJ
Sample : J4659-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
082218-TIPC-F-D-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.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\BF082718\
Data File : BF108528.D
Acq On : 28 Aug 2018 00:07
Operator : JU/SJ
Sample : J4659-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
082218-TIPC-F-D-B

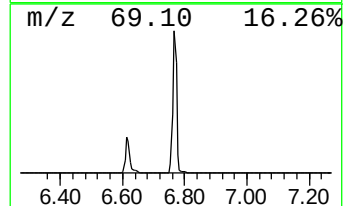
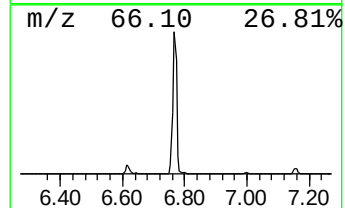
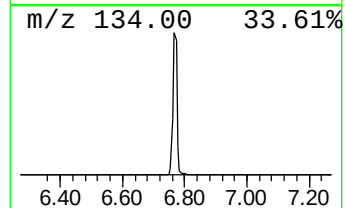
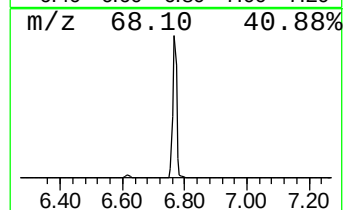
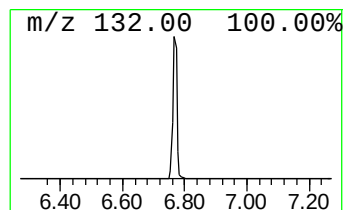
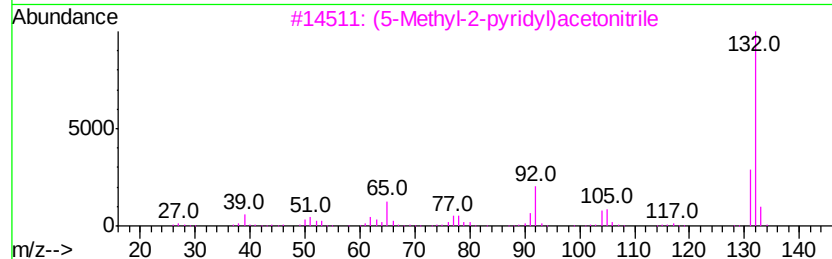
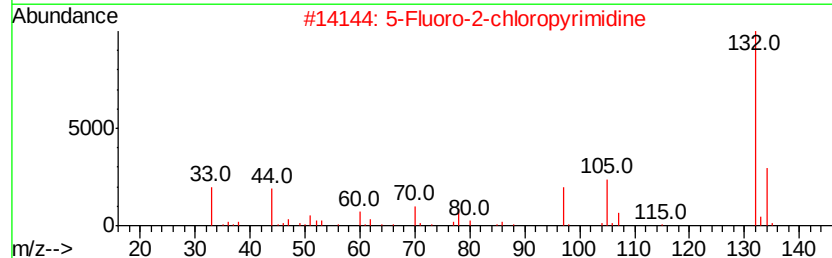
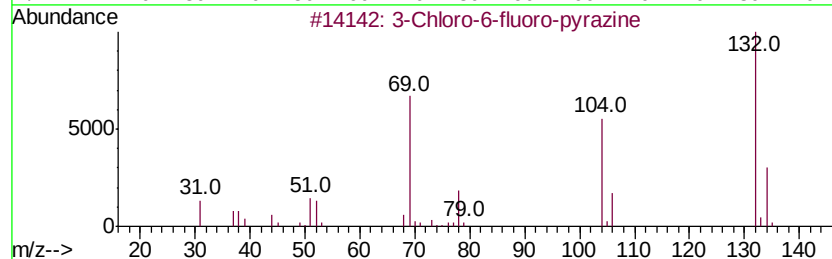
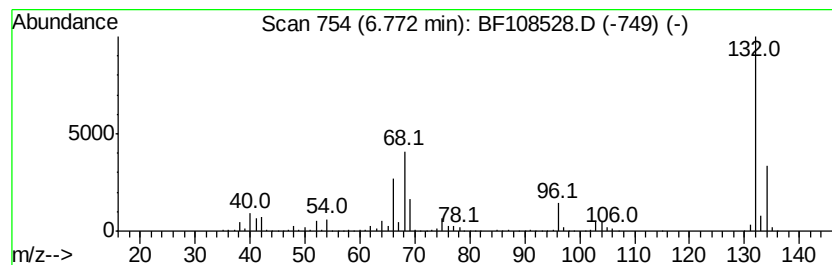
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown677 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	52.36 ng	1628530	1,4-Dichlorobenzene-d4	7.00

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	12
3		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108528.D
Acq On : 28 Aug 2018 00:07
Operator : JU/SJ
Sample : J4659-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

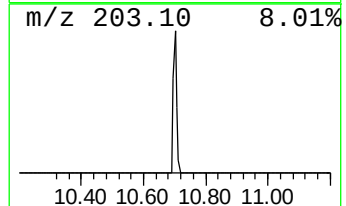
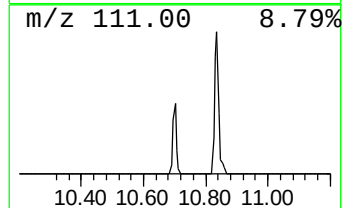
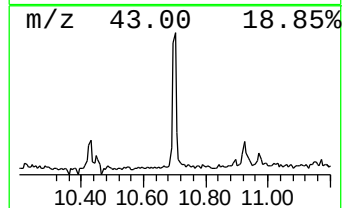
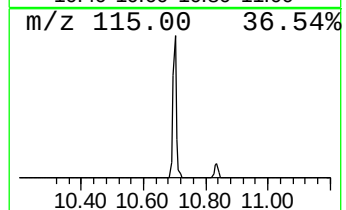
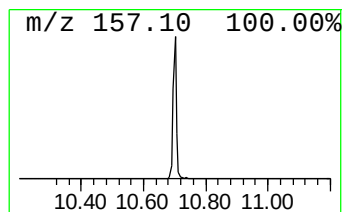
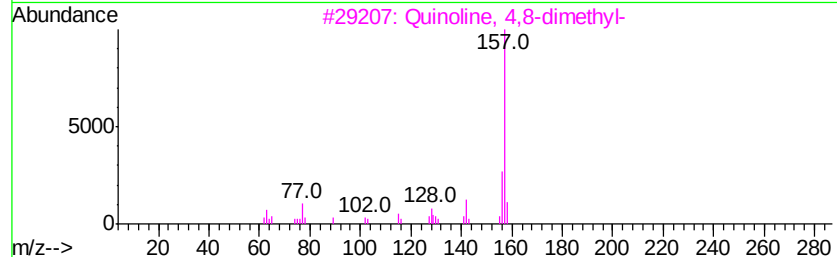
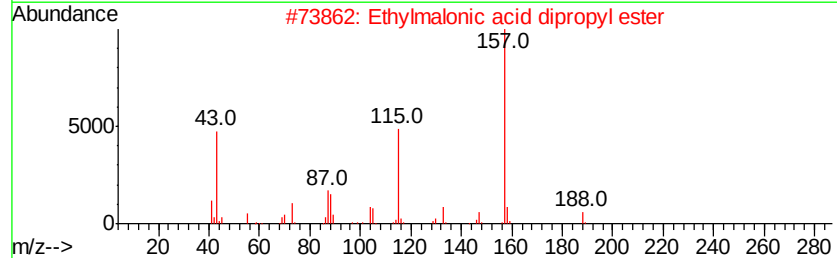
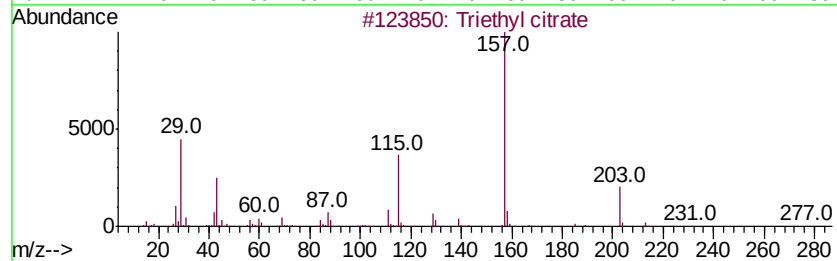
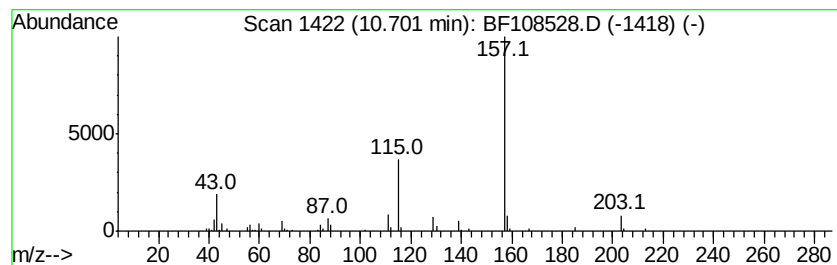
Instrument :
BNA_F
ClientSampleId :
082218-TIPC-F-D-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Triethyl citrate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.70	2.66 ng	95224	Acenaphthene-d10	10.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl citrate	276	C12H20O7	000077-93-0	91
2	Ethylmalonic acid dipropyl ester	216	C11H20O4	001113-91-3	64
3	Quinoline, 4,8-dimethyl-	157	C11H11N	013362-80-6	42
4	2-Chlorobenzoic acid, pentadecyl...	366	C22H35ClO2	1000292-43-0	33
5	1,4-Dioxaspiro[4.4]nonane, 7,8-b...	188	C9H16O4	1000155-54-9	33



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108528.D
Acq On : 28 Aug 2018 00:07
Operator : JU/SJ
Sample : J4659-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
082218-TIPC-F-D-B

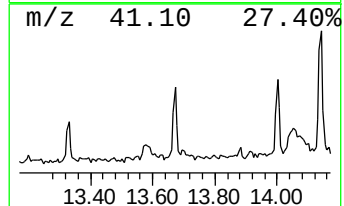
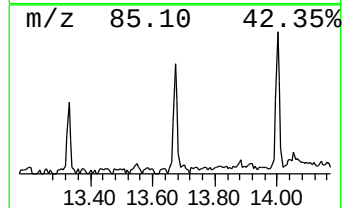
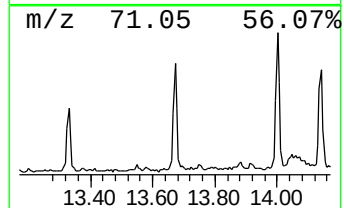
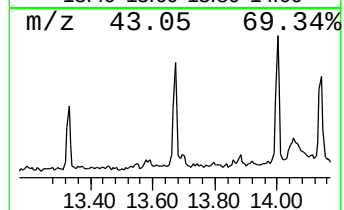
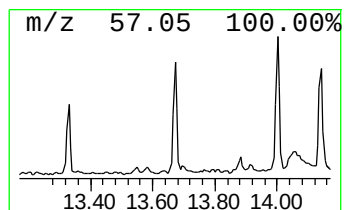
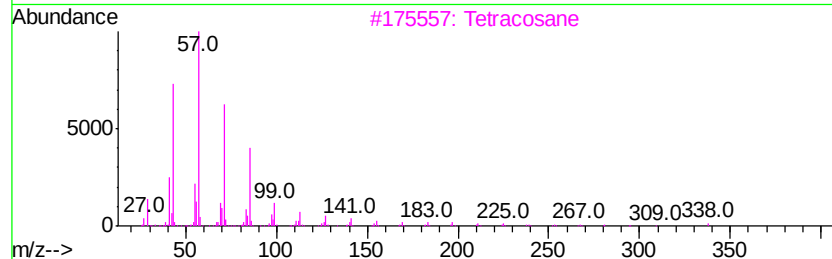
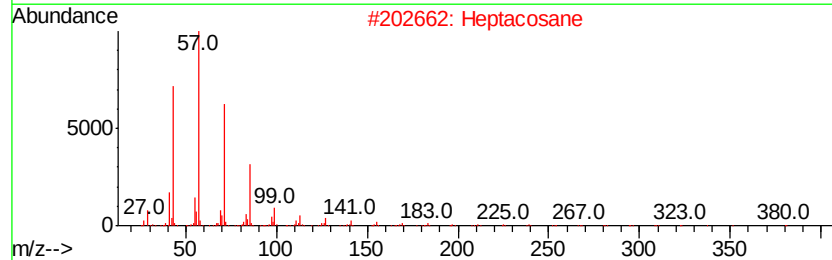
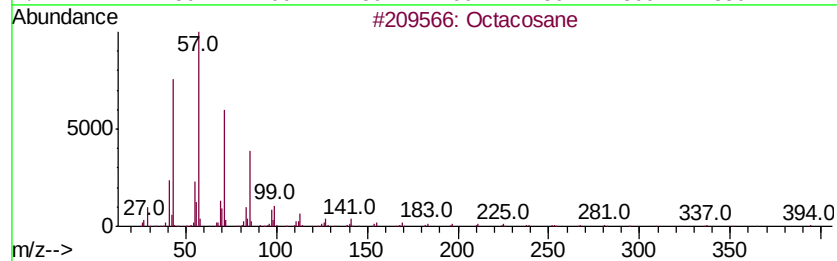
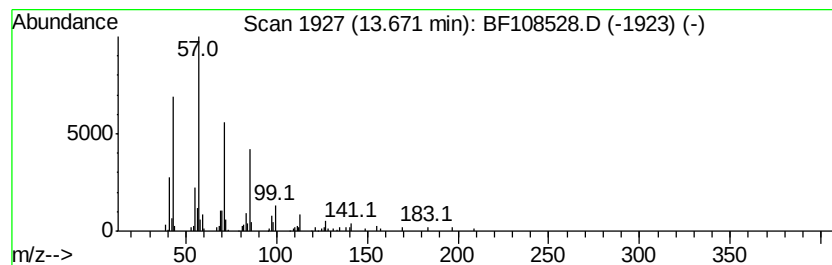
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	2.69 ng	96551	Chrysene-d12	14.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Octadecane	254	C18H38	000593-45-3	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108528.D
Acq On : 28 Aug 2018 00:07
Operator : JU/SJ
Sample : J4659-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
082218-TIPC-F-D-B

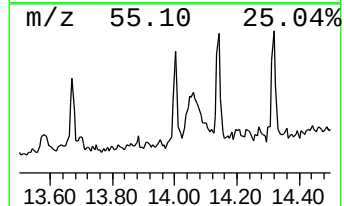
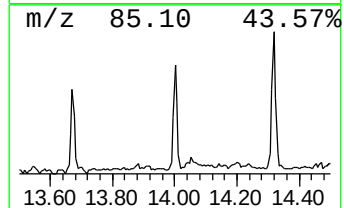
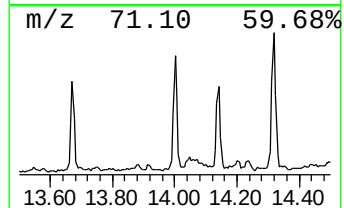
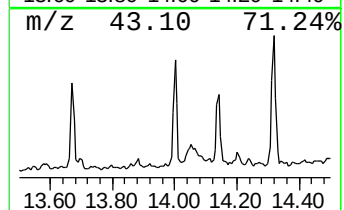
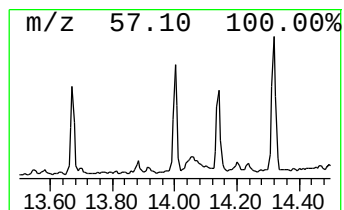
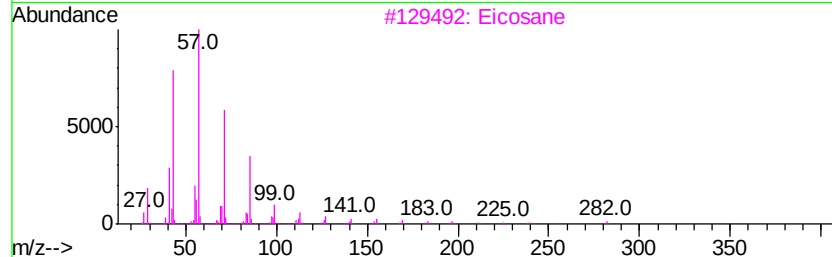
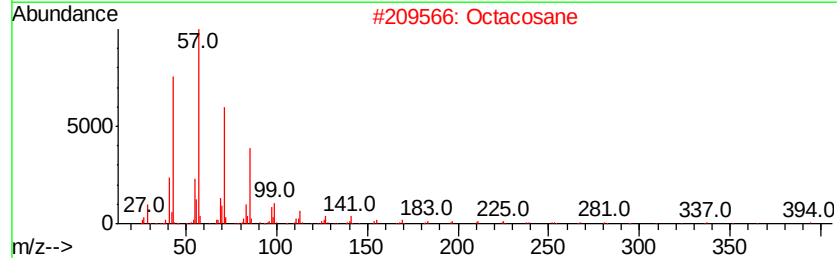
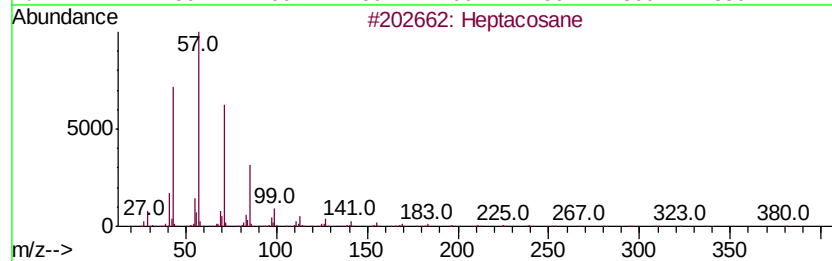
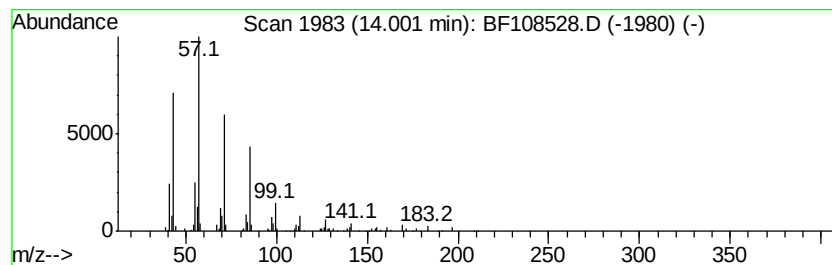
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	2.73 ng	97967	Chrysene-d12	14.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Octacosane		394	C28H58	000630-02-4	91
3	Eicosane		282	C20H42	000112-95-8	91
4	Tetracosane		338	C24H50	000646-31-1	91
5	Octadecane		254	C18H38	000593-45-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108528.D
Acq On : 28 Aug 2018 00:07
Operator : JU/SJ
Sample : J4659-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

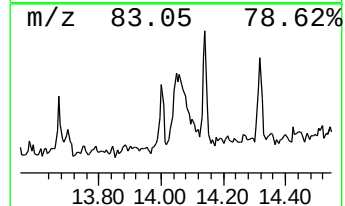
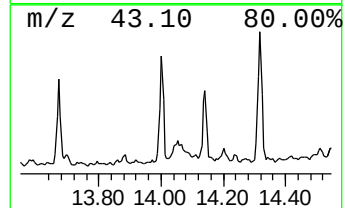
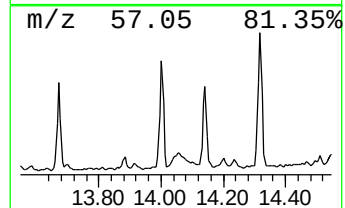
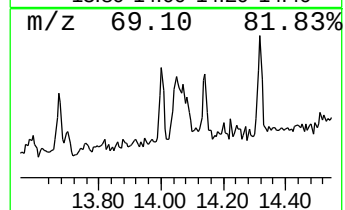
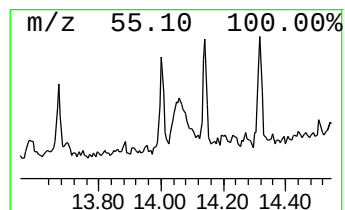
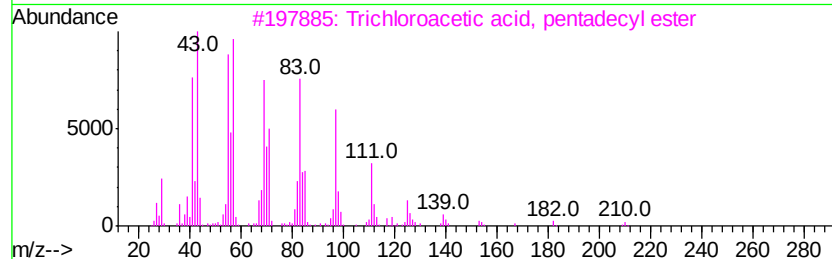
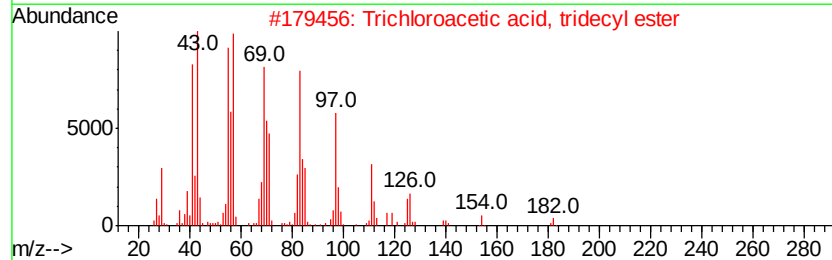
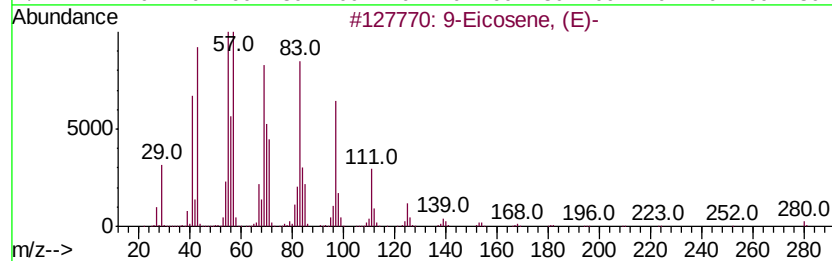
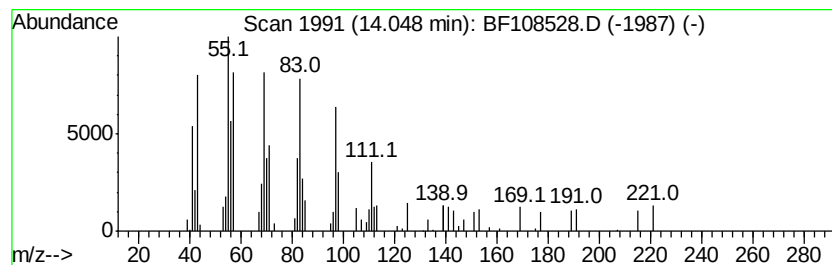
Instrument :
BNA_F
ClientSampleId :
082218-TIPC-F-D-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9-Eicosene, (E)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	2.70 ng	96965	Chrysene-d12	14.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		9-Eicosene, (E)-	280 C20H40	074685-29-3 90
2		Trichloroacetic acid, tridecyl e...	344 C15H27Cl3O2	074339-51-8 87
3		Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0 87
4		Bromoacetic acid, pentadecyl ester	348 C17H33BrO2	131143-01-6 81
5		Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1 80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108528.D
Acq On : 28 Aug 2018 00:07
Operator : JU/SJ
Sample : J4659-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
082218-TIPC-F-D-B

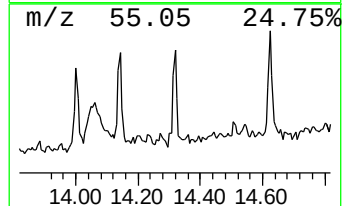
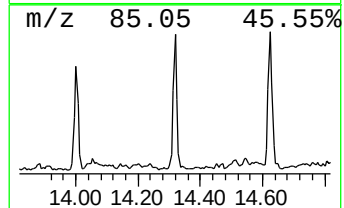
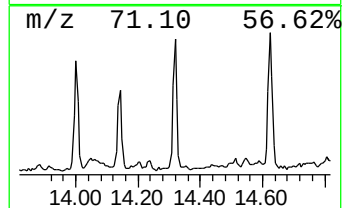
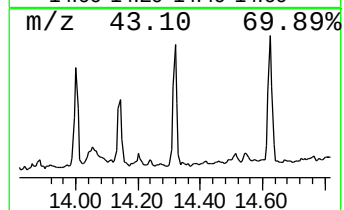
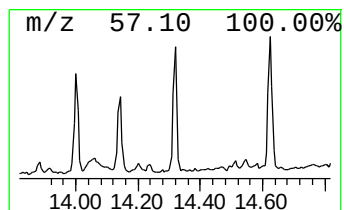
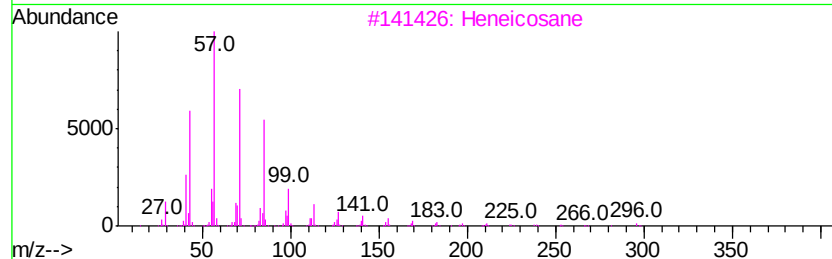
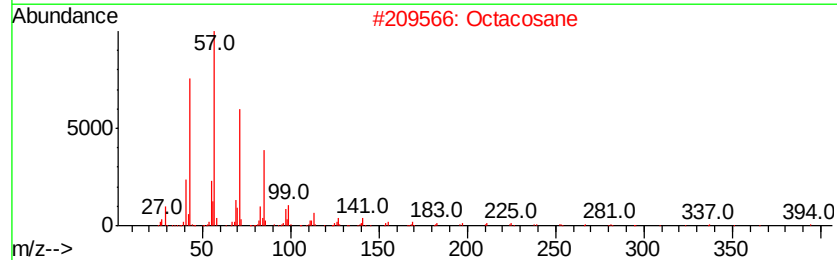
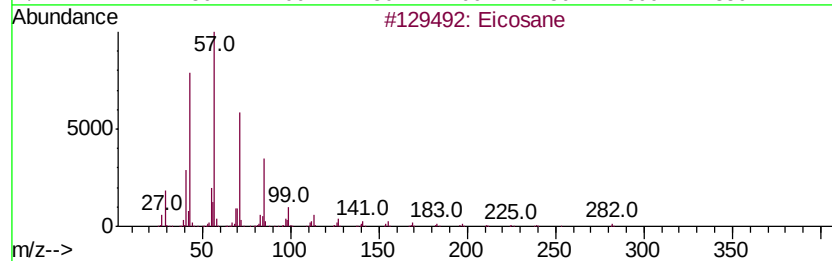
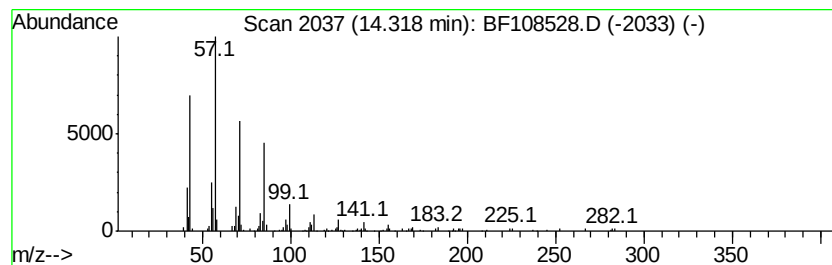
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	4.05 ng	145179	Chrysene-d12	14.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Octacosane	394	C28H58	000630-02-4	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Octadecane	254	C18H38	000593-45-3	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108528.D
Acq On : 28 Aug 2018 00:07
Operator : JU/SJ
Sample : J4659-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

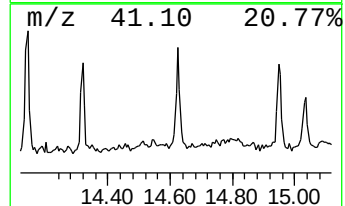
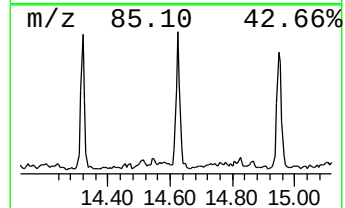
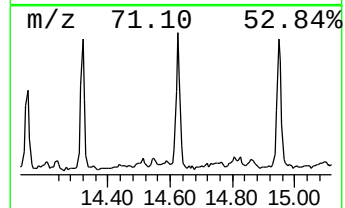
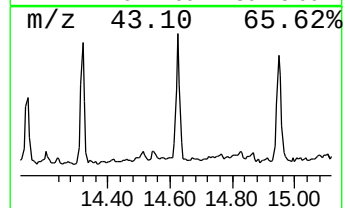
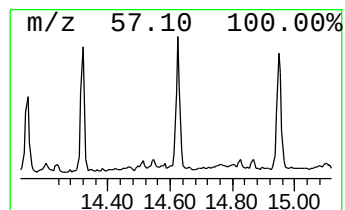
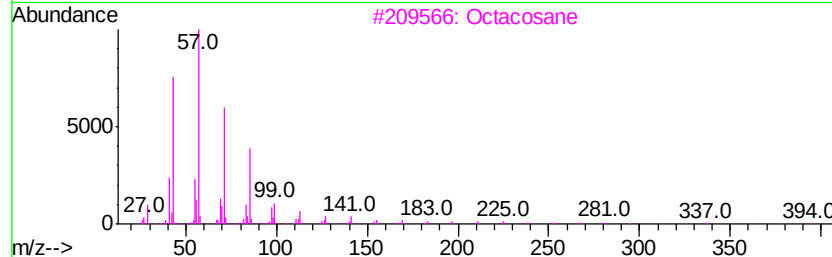
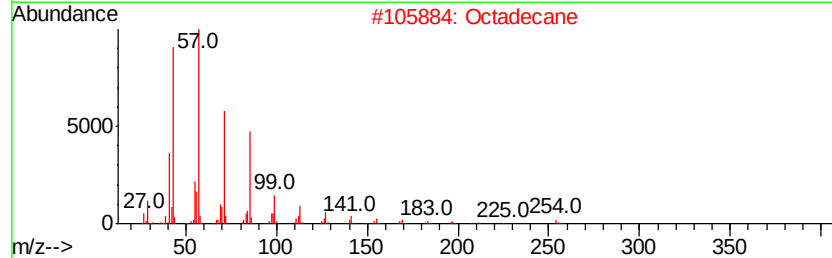
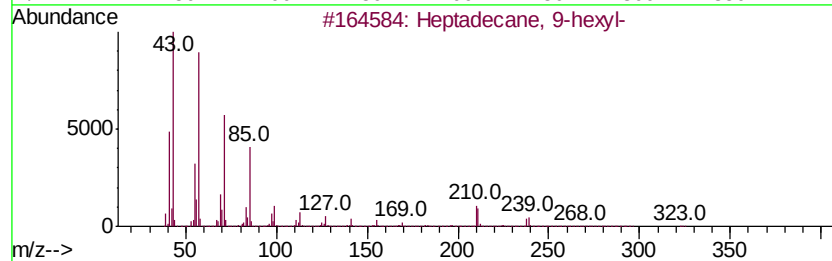
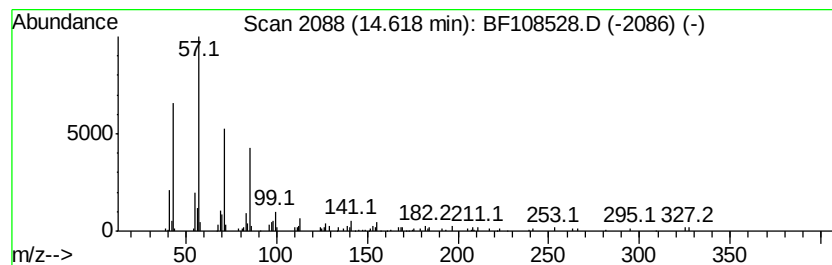
Instrument :
BNA_F
ClientSampleId :
082218-TIPC-F-D-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane, 9-hexyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	4.60 ng	165047	Chrysene-d12	14.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptadecane, 9-hexyl-	324 C23H48	055124-79-3 93
2		Octadecane	254 C18H38	000593-45-3 90
3		Octacosane	394 C28H58	000630-02-4 90
4		Tetracosane	338 C24H50	000646-31-1 90
5		Docosane	310 C22H46	000629-97-0 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108528.D
Acq On : 28 Aug 2018 00:07
Operator : JU/SJ
Sample : J4659-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
082218-TIPC-F-D-B

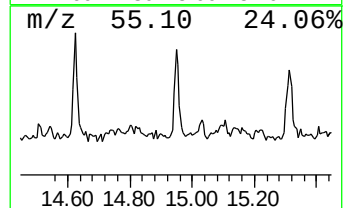
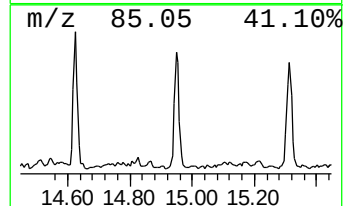
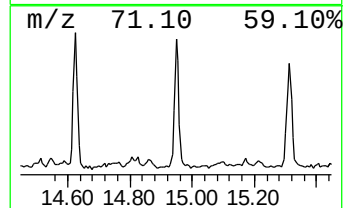
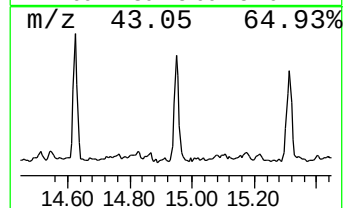
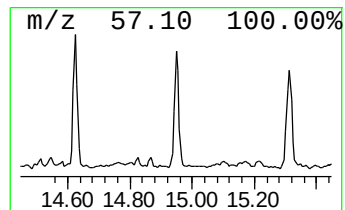
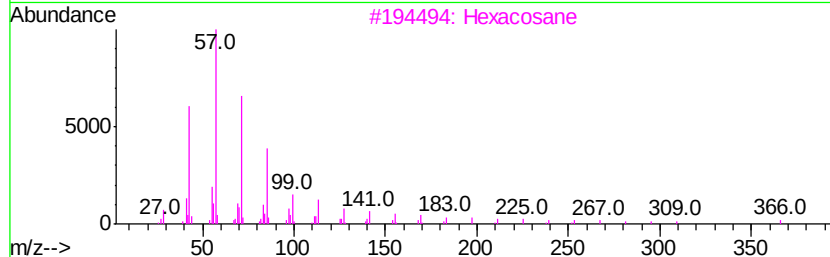
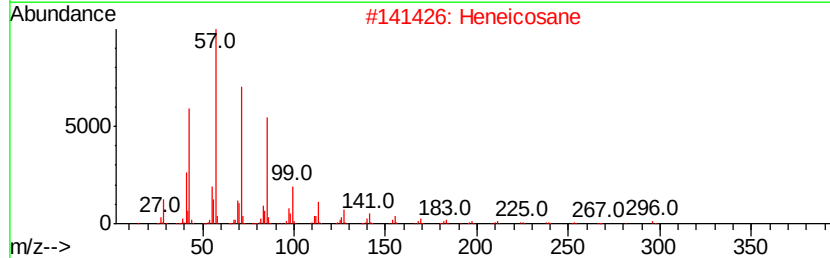
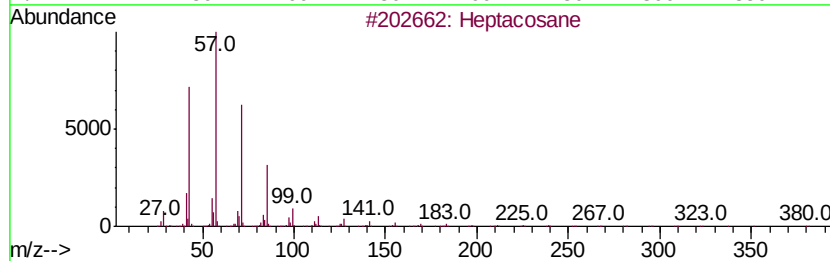
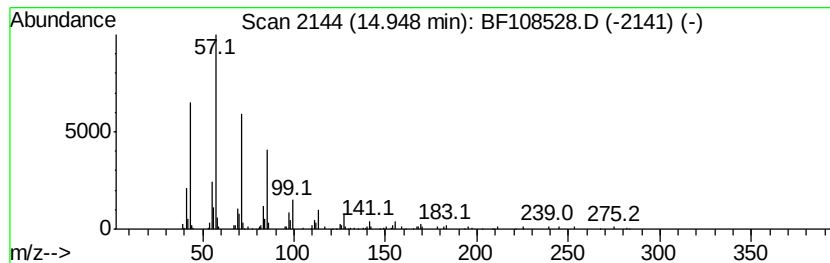
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	4.23 ng	151898	Chrysene-d12	14.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Hentriacontane	437	C31H64	000630-04-6	91
5		Docosane	310	C22H46	000629-97-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108528.D
Acq On : 28 Aug 2018 00:07
Operator : JU/SJ
Sample : J4659-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
082218-TIPC-F-D-B

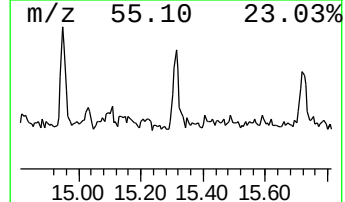
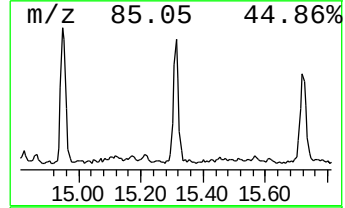
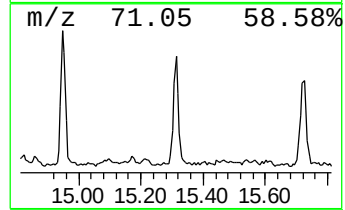
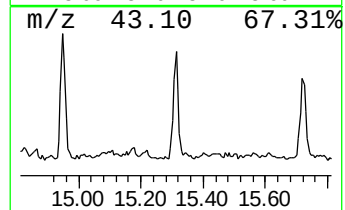
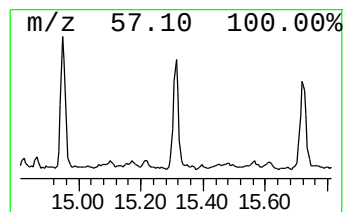
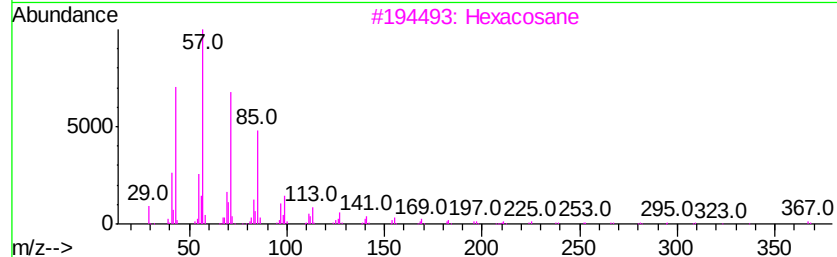
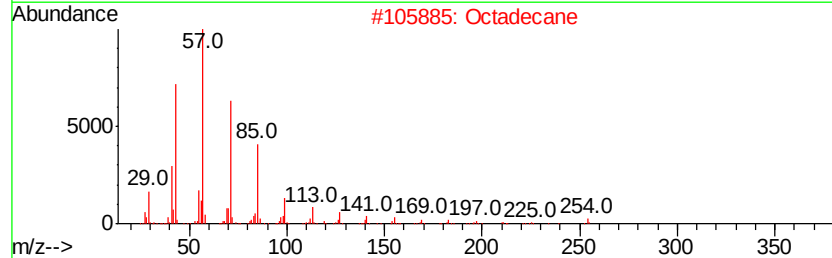
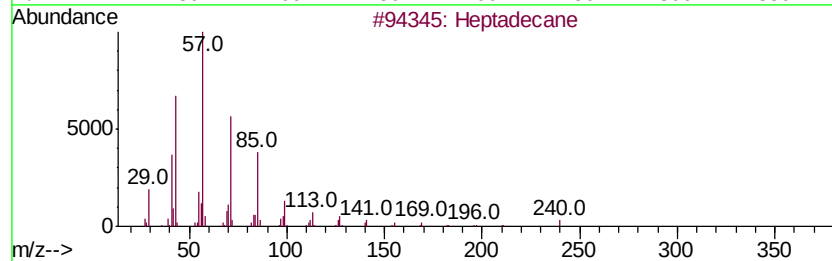
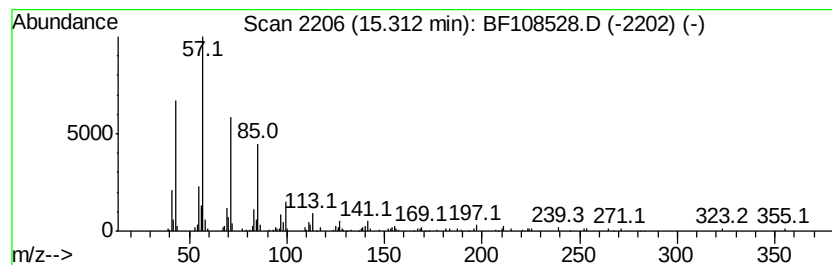
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	5.08 ng	152209	Perylene-d12	15.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	86
2			Octadecane	254	C18H38	000593-45-3	83
3			Hexacosane	366	C26H54	000630-01-3	83
4			Eicosane	282	C20H42	000112-95-8	83
5			Nonadecane	268	C19H40	000629-92-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108528.D
Acq On : 28 Aug 2018 00:07
Operator : JU/SJ
Sample : J4659-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
082218-TIPC-F-D-B

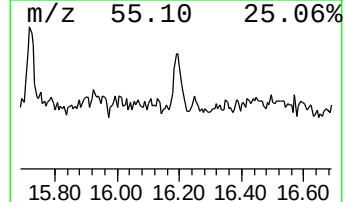
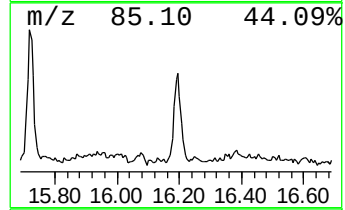
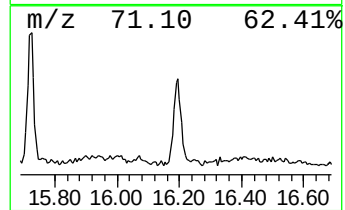
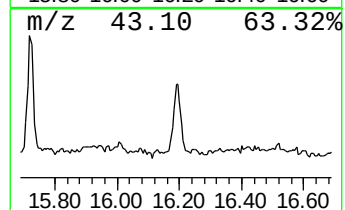
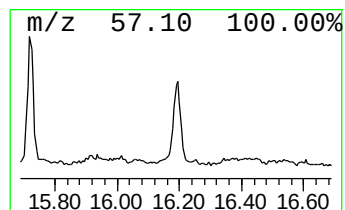
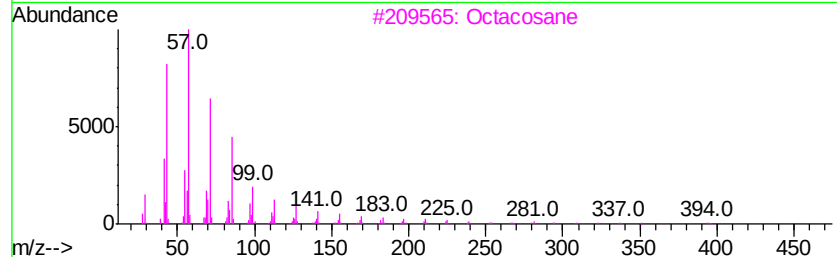
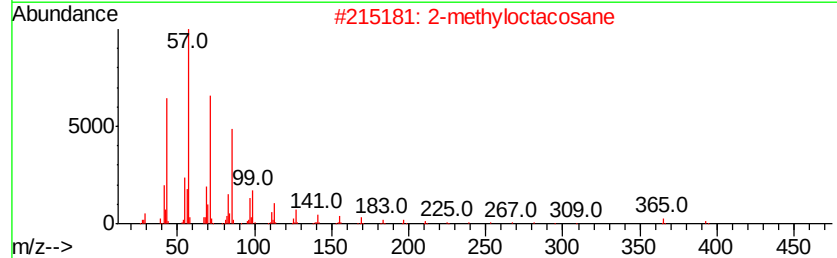
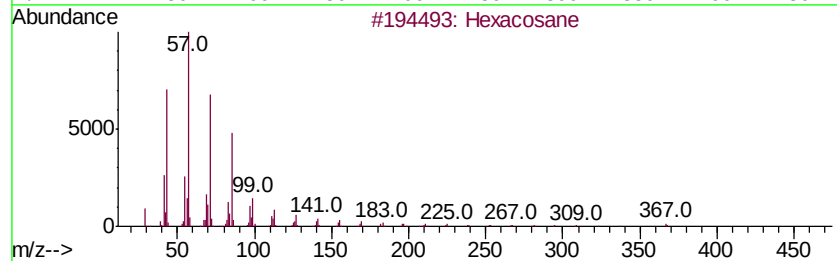
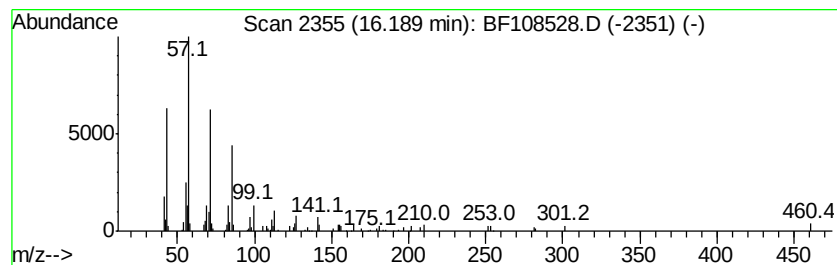
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	3.65 ng	109265	Perylene-d12	15.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	90
2			2-methyloctacosane	408	C29H60	1000376-72-8	90
3			Octacosane	394	C28H58	000630-02-4	87
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5			Hexatriacontane	507	C36H74	000630-06-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082718\
Data File : BF108528.D
Acq On : 28 Aug 2018 00:07
Operator : JU/SJ
Sample : J4659-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
082218-TIPC-F-D-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
unknown677	6.77	52.4	ng	1628530	1	7.00	621997	20.0
Triethyl citrate	10.70	2.7	ng	95224	3	10.04	714904	20.0
Octacosane	13.67	2.7	ng	96551	5	14.19	717744	20.0
Heptacosane	14.00	2.7	ng	97967	5	14.19	717744	20.0
9-Eicosene, (E)-	14.05	2.7	ng	96965	5	14.19	717744	20.0
Eicosane	14.32	4.0	ng	145179	5	14.19	717744	20.0
Heptadecane, 9-he...	14.62	4.6	ng	165047	5	14.19	717744	20.0
Heneicosane	14.95	4.2	ng	151898	5	14.19	717744	20.0
Heptadecane	15.31	5.1	ng	152209	6	15.75	599512	20.0
Hexacosane	16.19	3.6	ng	109265	6	15.75	599512	20.0