

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090518\
 Data File : BF108812.D
 Acq On : 6 Sep 2018 8:58
 Operator : JU/SJ
 Sample : J4724-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-SUT-UST-05

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-BF090518.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	3.219	142	150	157	rBV3	40393	86303	1.27%	0.144%
2	3.907	261	267	273	rVB	54806	72497	1.06%	0.121%
3	4.942	439	443	452	rVB	207062	266047	3.90%	0.445%
4	5.348	507	512	515	rBV	5255291	5847672	85.81%	9.781%
5	6.372	680	686	689	rBV	5535227	6317121	92.70%	10.566%
6	6.507	704	709	712	rBV	6108947	6052711	88.82%	10.124%
7	6.736	744	748	751	rBV	2190800	1705768	25.03%	2.853%
8	6.895	770	775	778	rBV	5467089	4771000	70.01%	7.980%
9	7.295	838	843	846	rBV	4100240	3906631	57.33%	6.534%
10	8.019	962	966	969	rBV	2400532	2122217	31.14%	3.550%
11	8.642	1068	1072	1075	rVB	721622	584201	8.57%	0.977%
12	9.095	1144	1149	1152	rBV	7405616	6814383	100.00%	11.398%
13	9.219	1167	1170	1173	rVB	92929	78672	1.15%	0.132%
14	9.483	1211	1215	1219	rBV	2475906	2194212	32.20%	3.670%
15	9.766	1259	1263	1267	rBV2	2726162	2234787	32.80%	3.738%
16	10.548	1392	1396	1400	rBV	3806016	3504708	51.43%	5.862%
17	11.242	1510	1514	1517	rBV	2447224	1931183	28.34%	3.230%
18	11.783	1601	1606	1610	rBV2	242962	244861	3.59%	0.410%
19	12.442	1715	1718	1722	rBV2	201453	180780	2.65%	0.302%
20	12.671	1752	1757	1761	rVB	131463	135028	1.98%	0.226%
21	12.824	1779	1783	1786	rBV	5243417	4914499	72.12%	8.220%
22	13.683	1926	1929	1933	rBV	243771	198007	2.91%	0.331%
23	13.730	1933	1937	1949	rVV	585018	671462	9.85%	1.123%
24	13.865	1955	1960	1963	rBV	1929972	1701609	24.97%	2.846%
25	14.007	1982	1984	1988	rVB	139788	120242	1.76%	0.201%
26	14.048	1988	1991	1994	rBV2	247125	231687	3.40%	0.388%
27	14.360	2041	2044	2048	rBV2	77120	83215	1.22%	0.139%
28	14.654	2092	2094	2098	rVB	86748	82097	1.20%	0.137%
29	14.971	2145	2148	2153	rVB	113669	124884	1.83%	0.209%
30	15.271	2194	2199	2205	rBV	1414936	1611970	23.66%	2.696%
31	15.330	2205	2209	2215	rVB	134699	171813	2.52%	0.287%
32	15.736	2274	2278	2282	rBV	123450	188100	2.76%	0.315%
33	15.783	2283	2286	2295	rVB4	72973	144572	2.12%	0.242%
34	16.212	2354	2359	2368	rBV2	106959	212154	3.11%	0.355%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090518\
Data File : BF108812.D
Acq On : 6 Sep 2018 8:58
Operator : JU/SJ
Sample : J4724-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-05

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-BF090518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.759	2448	2452	2459	rVB	74610	146152	2.14%	0.244%
36	17.412	2559	2563	2573	rVB3	56502	131953	1.94%	0.221%

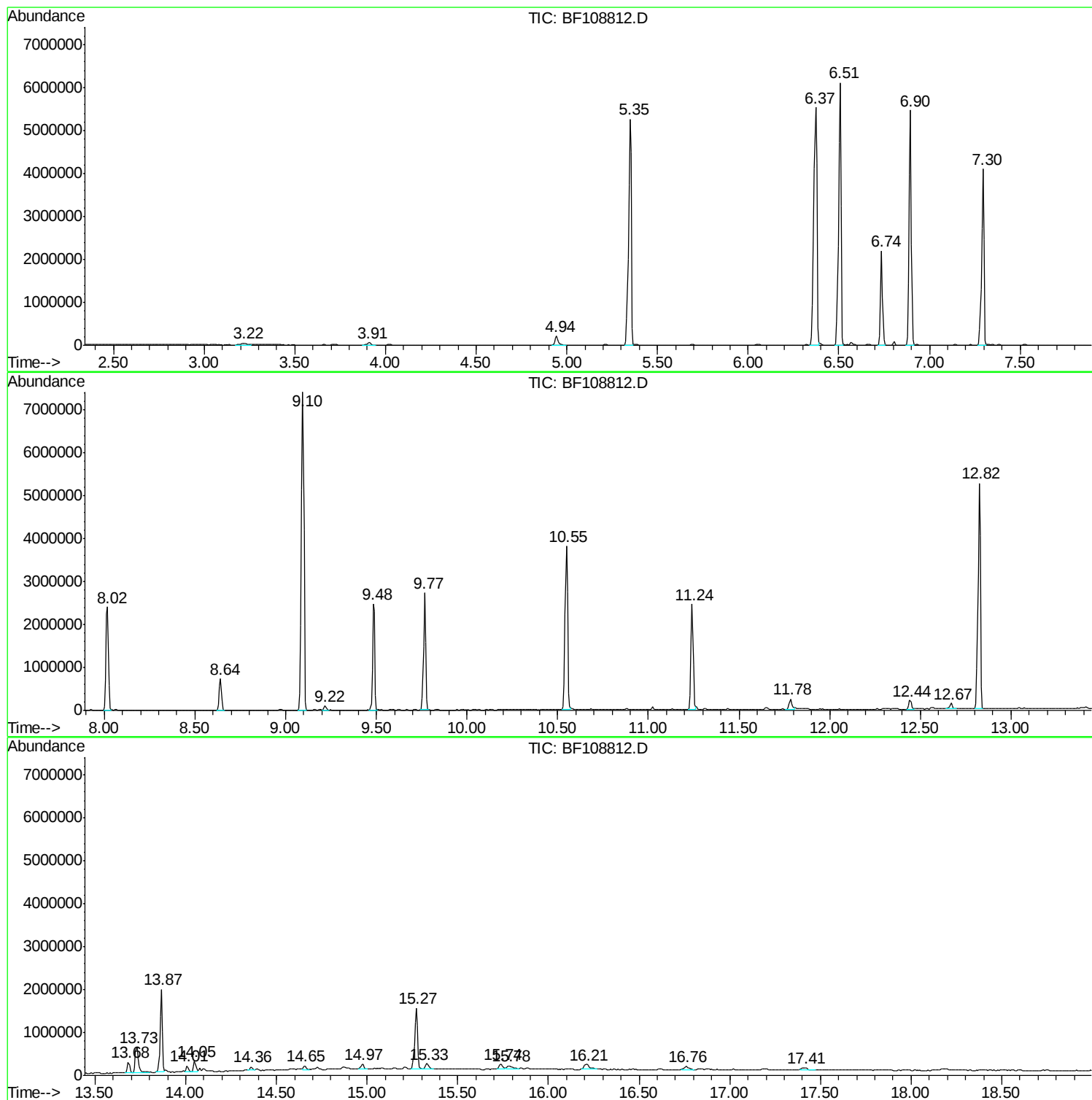
Sum of corrected areas: 59785198

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108812.D
Acq On : 6 Sep 2018 8:58
Operator : JU/SJ
Sample : J4724-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.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\BF090518\
Data File : BF108812.D
Acq On : 6 Sep 2018 8:58
Operator : JU/SJ
Sample : J4724-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-05

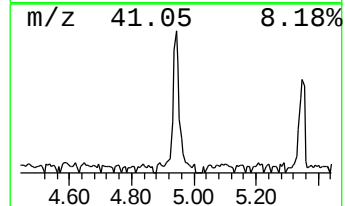
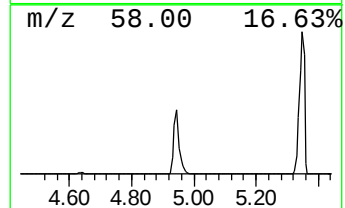
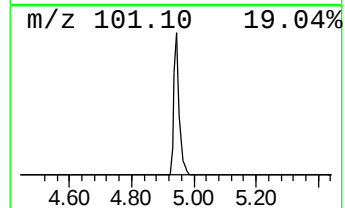
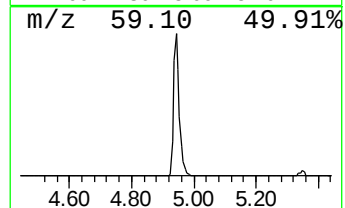
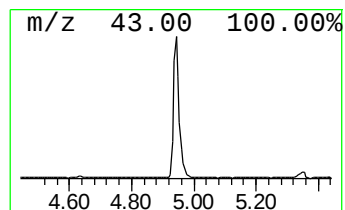
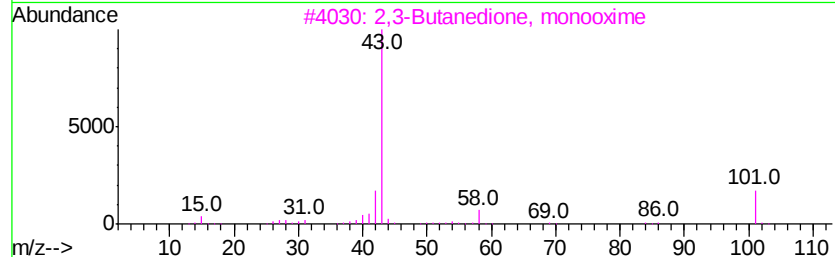
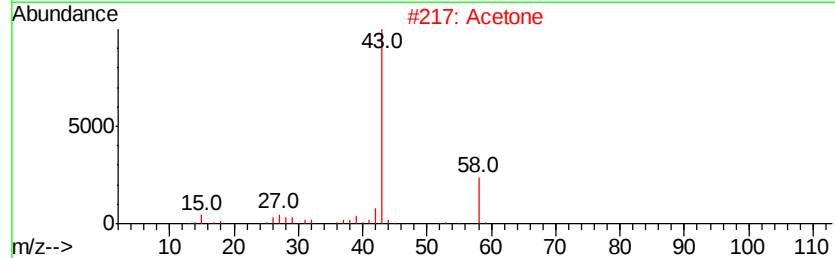
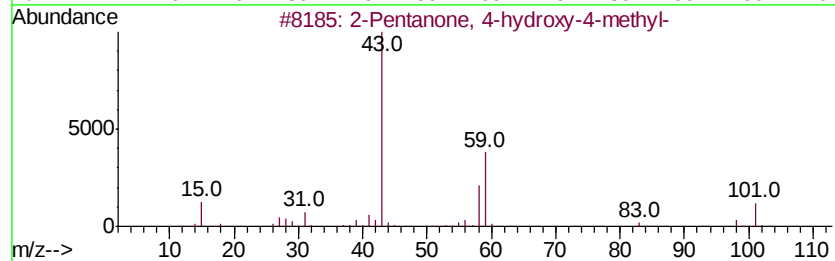
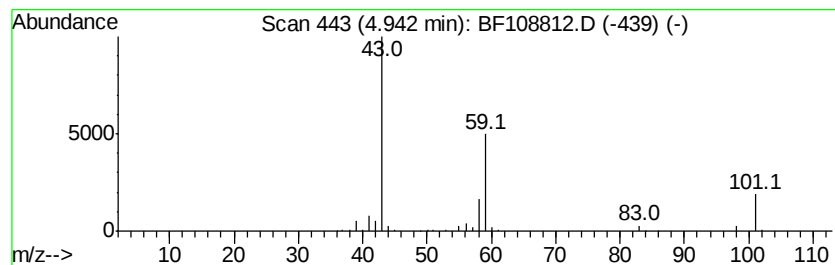
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	3.12 ng	266047	1,4-Dichlorobenzene-d4	6.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
2	Acetone	58	C3H6O	000067-64-1	10		
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		
4	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	9		
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9		



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108812.D
Acq On : 6 Sep 2018 8:58
Operator : JU/SJ
Sample : J4724-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-05

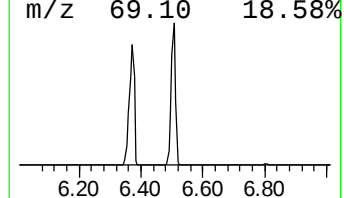
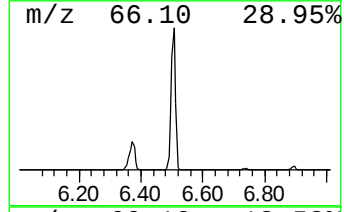
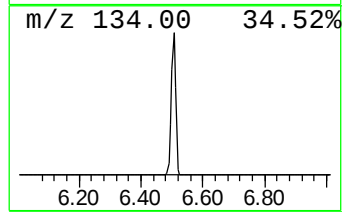
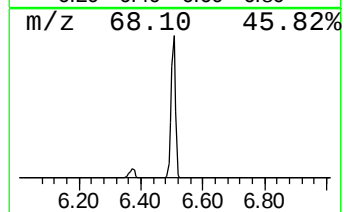
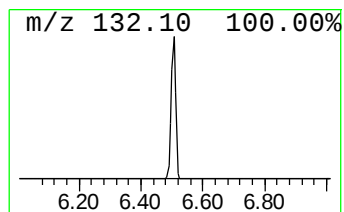
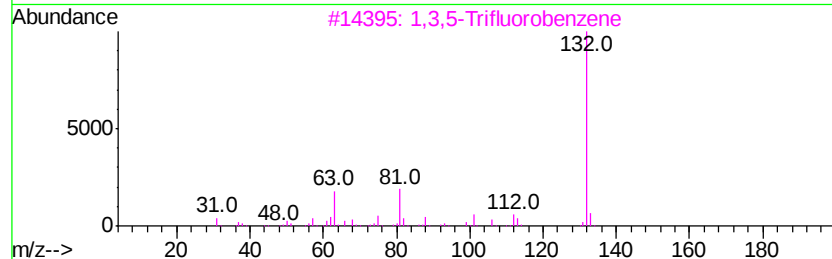
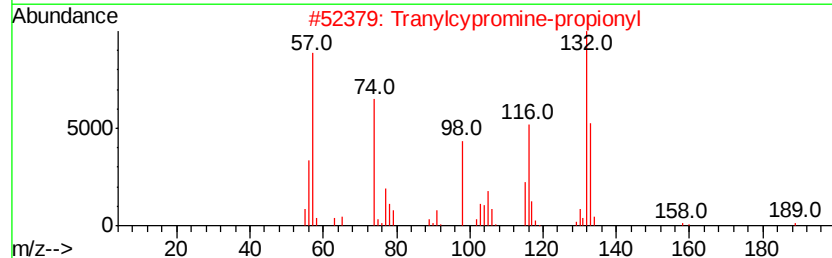
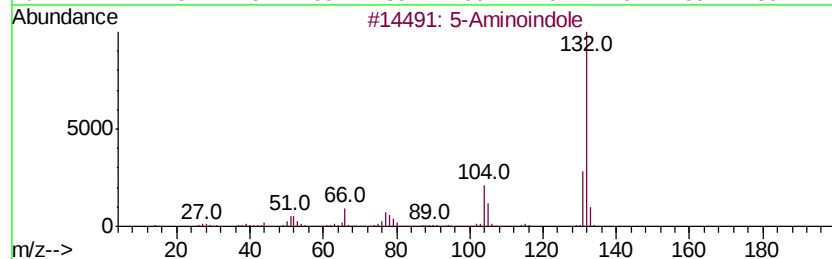
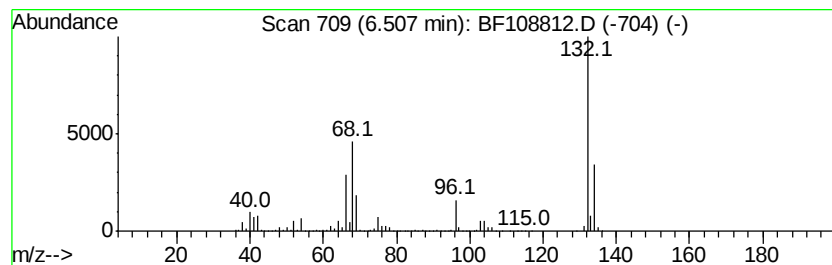
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	70.97 ng	6052710	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	12
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108812.D
Acq On : 6 Sep 2018 8:58
Operator : JU/SJ
Sample : J4724-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-05

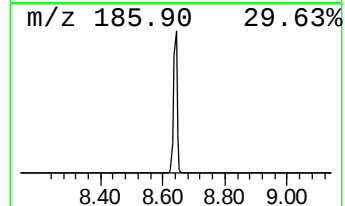
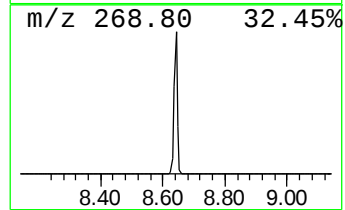
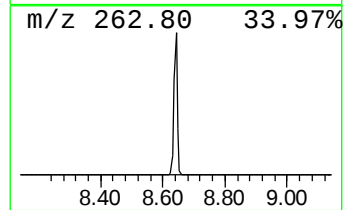
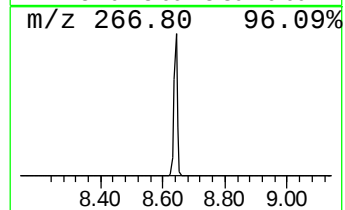
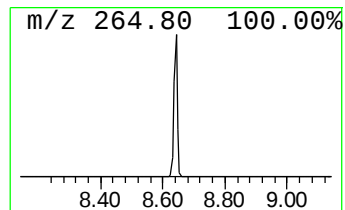
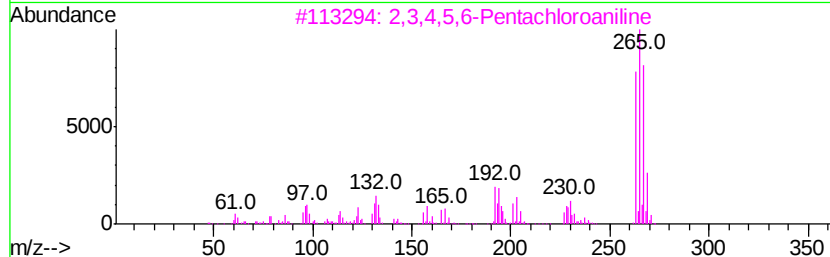
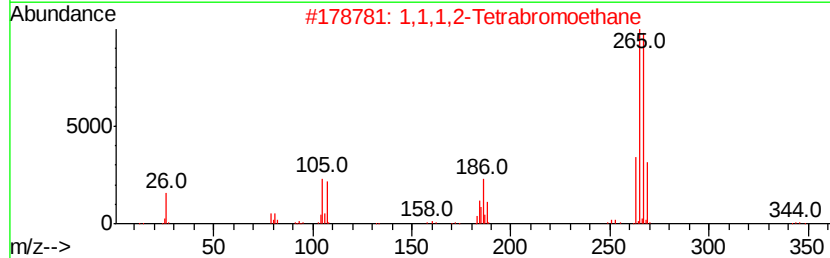
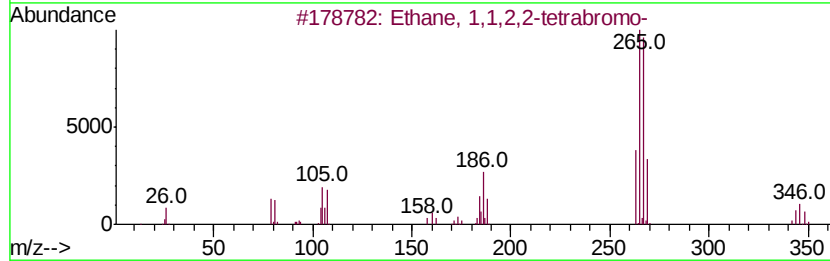
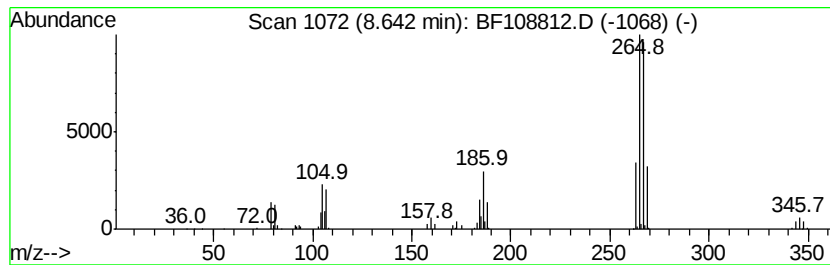
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Ethane, 1,1,2,2-tetrabromo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	5.51 ng	584201	Naphthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethane, 1,1,2,2-tetrabromo-	342	C2H2Br4	000079-27-6	99
2		1,1,1,2-Tetrabromoethane	342	C2H2Br4	000630-16-0	87
3		2,3,4,5,6-Pentachloroaniline	263	C6H2Cl5N	000527-20-8	33
4		Pyrimidine-1-oxide, 2-amino-5-br...	265	C10H8BrN3O	085658-56-6	28
5		2,6-Dibromo-4-methylaniline	263	C7H7Br2N	006968-24-7	23



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108812.D
Acq On : 6 Sep 2018 8:58
Operator : JU/SJ
Sample : J4724-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-05

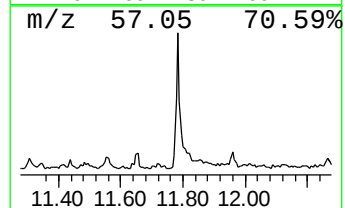
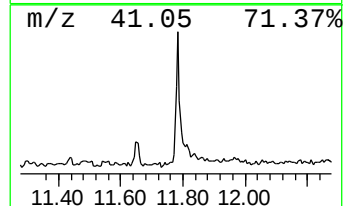
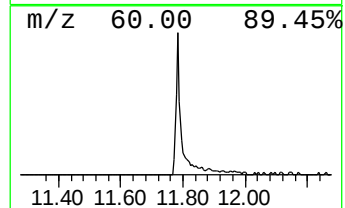
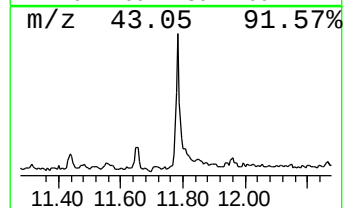
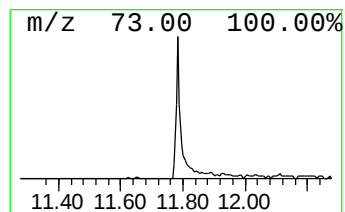
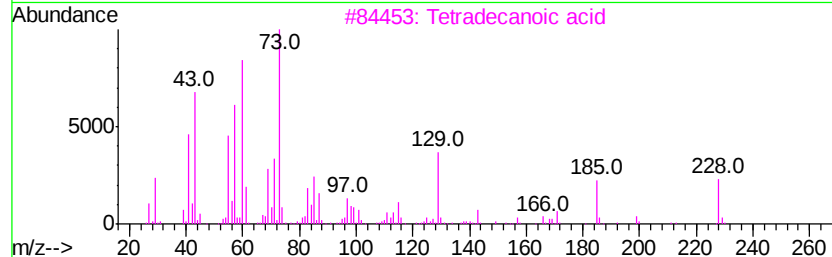
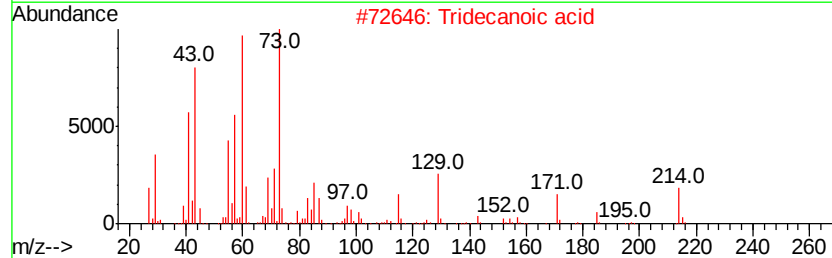
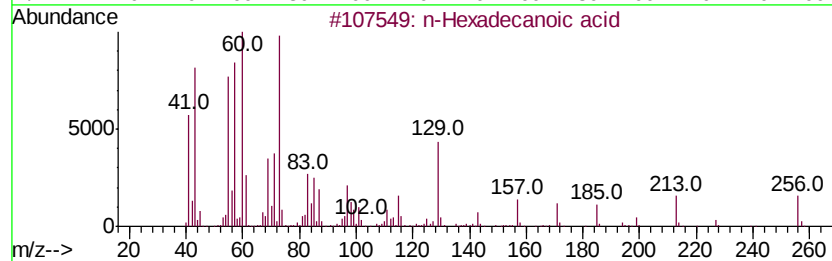
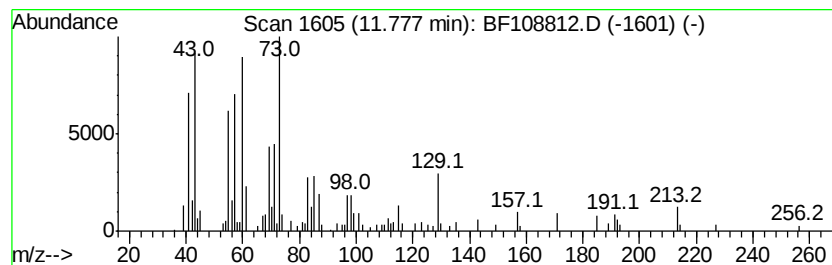
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	2.54 ng	244861	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Dodecanoic acid	200	C12H24O2	000143-07-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108812.D
Acq On : 6 Sep 2018 8:58
Operator : JU/SJ
Sample : J4724-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-05

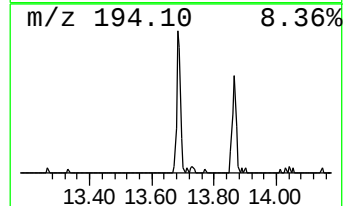
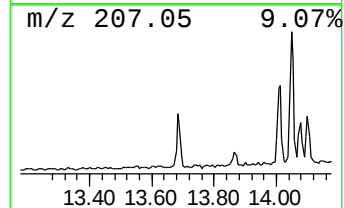
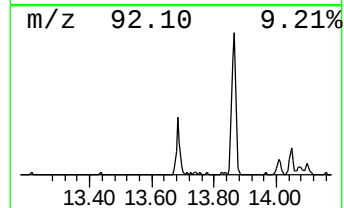
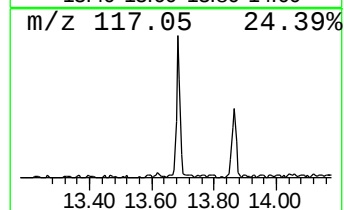
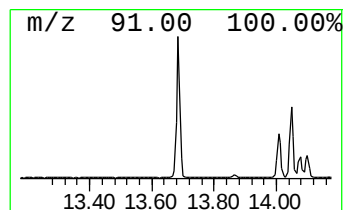
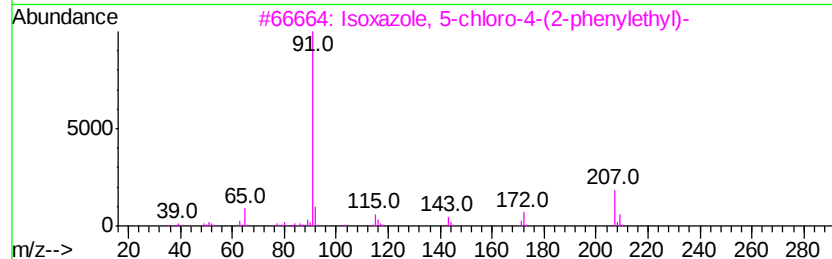
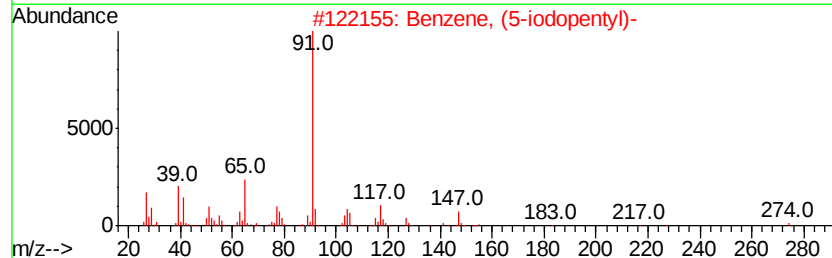
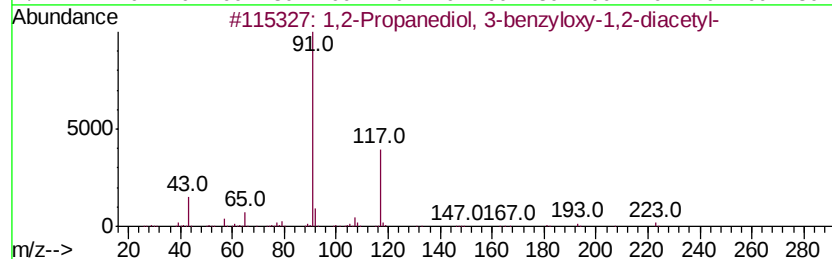
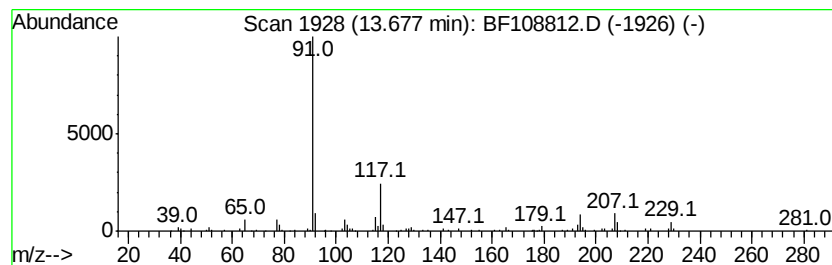
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown13.68 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	2.33 ng	198007	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Propanediol, 3-benzvloxv-1,2...	266	C14H18O5	013754-10-4	23
2		Benzene, (5-iodopentyl)-	274	C11H15I	099858-37-4	17
3		Isoxazole, 5-chloro-4-(2-phenyle...	207	C11H10ClNO	1000362-09-0	16
4		Alpha-phenyl-alpha-tropylacetal...	378	C22H22N2O2S	022532-16-7	16
5		3-Phenylthiane,S-oxide	194	C11H14OS	058121-26-9	12



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108812.D
Acq On : 6 Sep 2018 8:58
Operator : JU/SJ
Sample : J4724-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-05

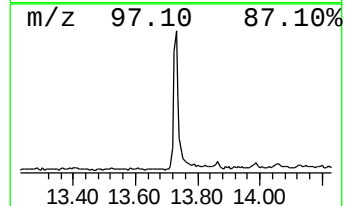
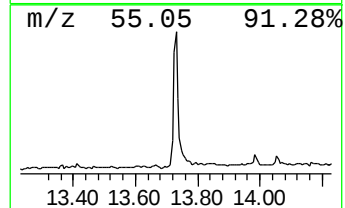
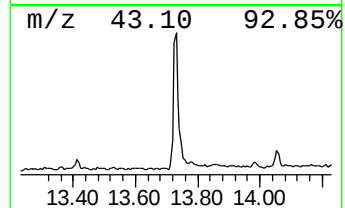
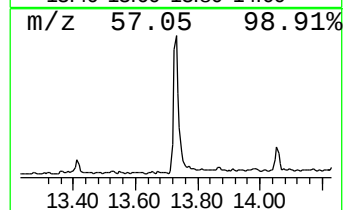
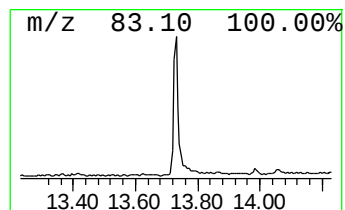
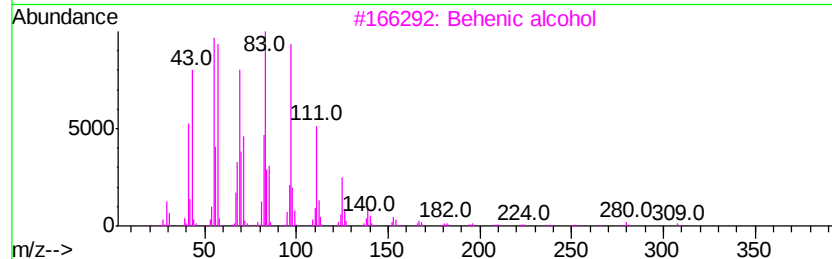
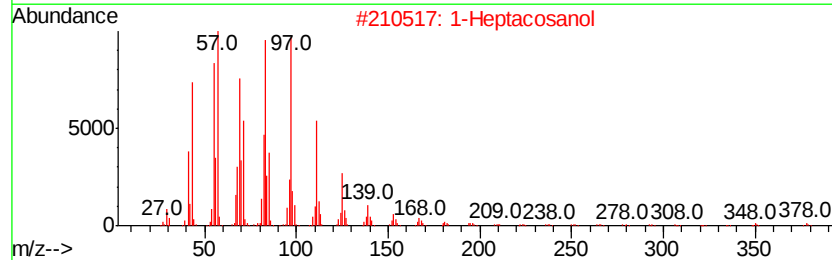
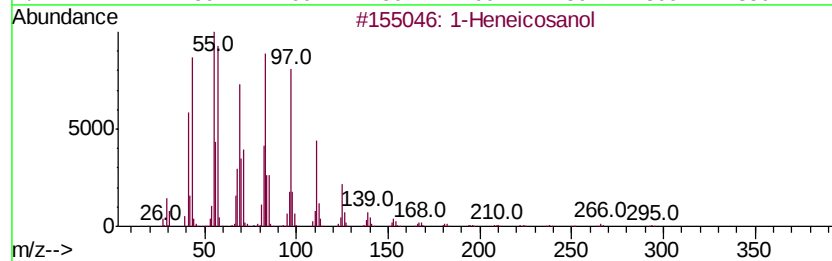
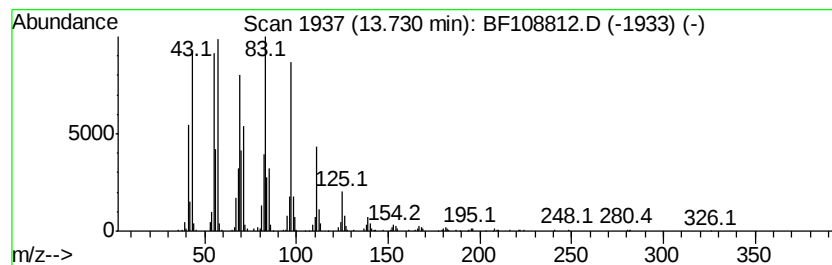
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	7.89 ng	671462	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	95
2		1-Heptacosanol	396	C27H56O	002004-39-9	94
3		Behenic alcohol	326	C22H46O	000661-19-8	94
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108812.D
Acq On : 6 Sep 2018 8:58
Operator : JU/SJ
Sample : J4724-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-05

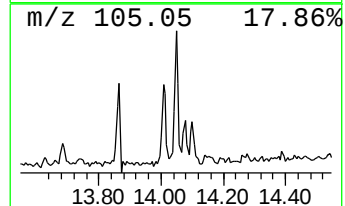
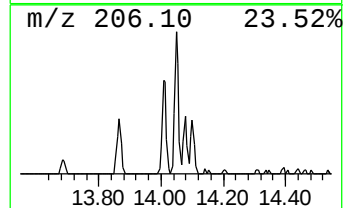
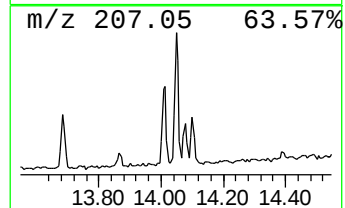
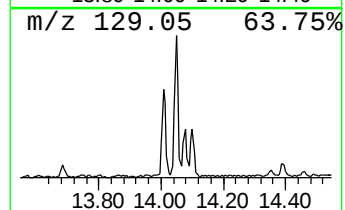
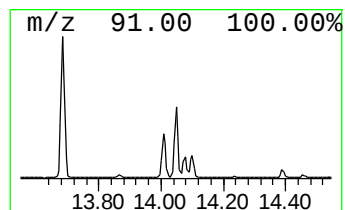
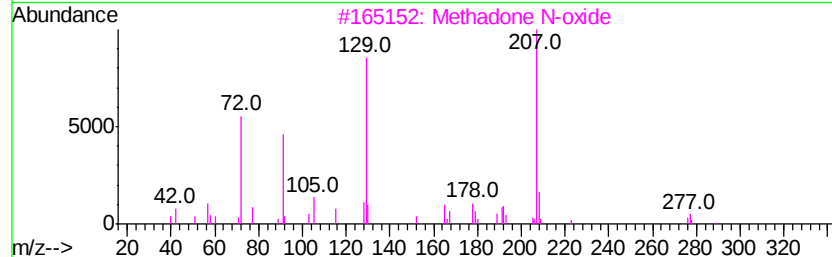
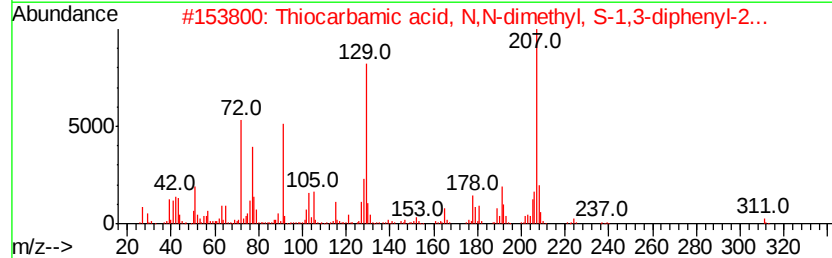
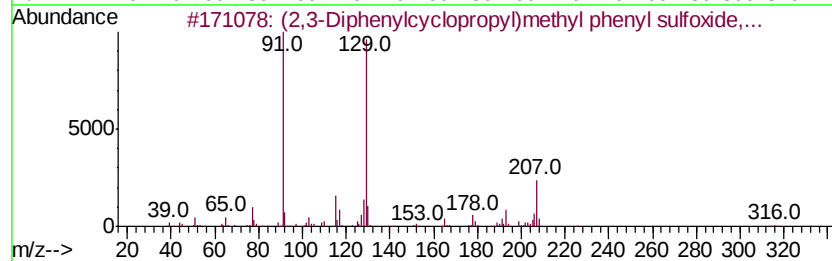
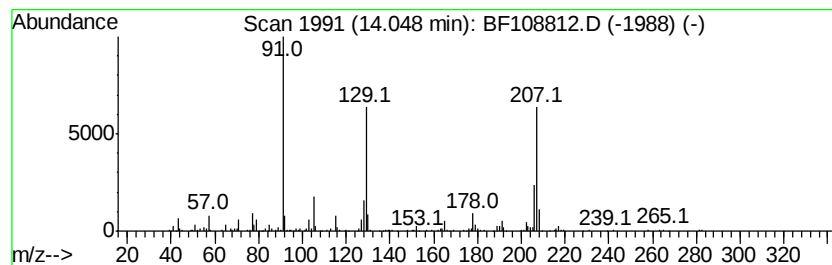
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 (2,3-Diphenylcyclopropyl)me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	2.72 ng	231687	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	56
2		Thiocarbamic acid, N,N-dimethyl,...	311	C19H21NOS	1000192-89-2	53
3		Methadone N-oxide	325	C21H27NO2	1000120-80-7	50
4		1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	45
5		1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108812.D
Acq On : 6 Sep 2018 8:58
Operator : JU/SJ
Sample : J4724-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-05

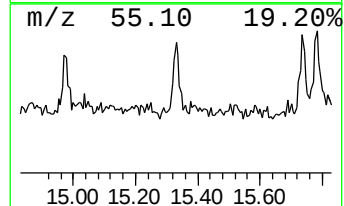
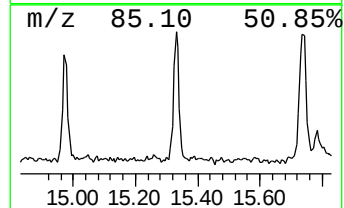
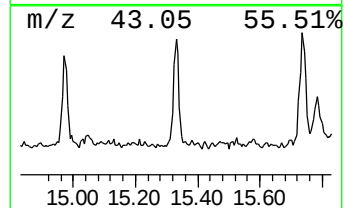
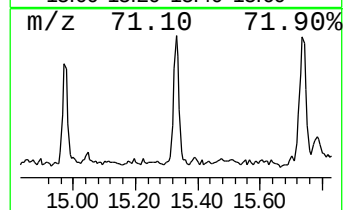
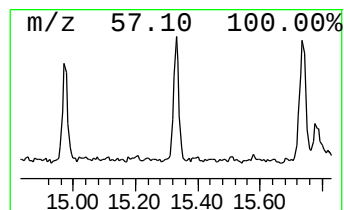
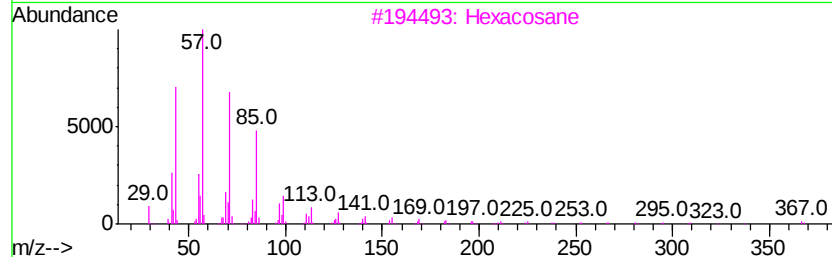
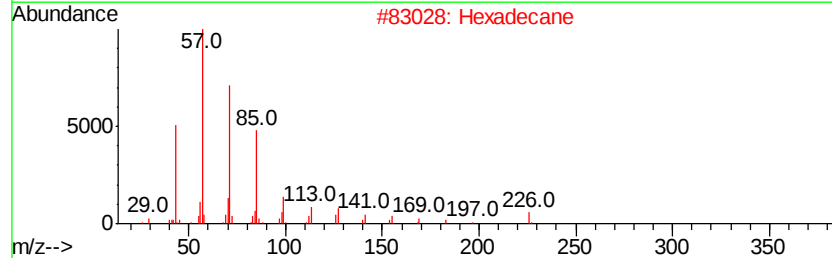
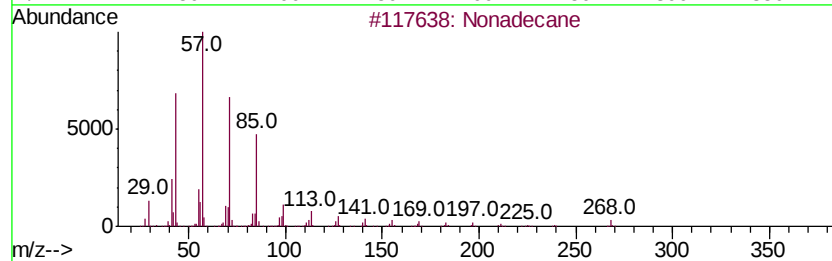
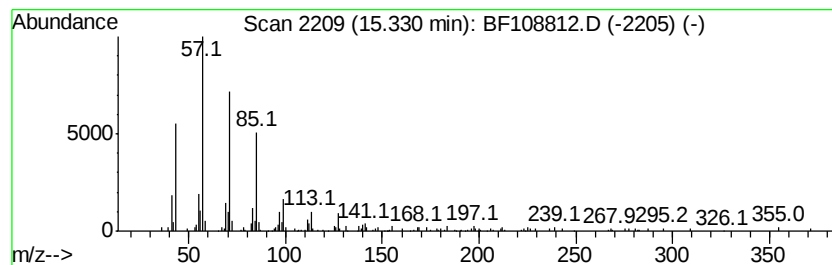
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	2.13 ng	171813	Perylene-d12	15.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	94
2	Hexadecane		226	C16H34	000544-76-3	91
3	Hexacosane		366	C26H54	000630-01-3	90
4	Heneicosane		296	C21H44	000629-94-7	90
5	Pentadecane		212	C15H32	000629-62-9	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108812.D
Acq On : 6 Sep 2018 8:58
Operator : JU/SJ
Sample : J4724-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-05

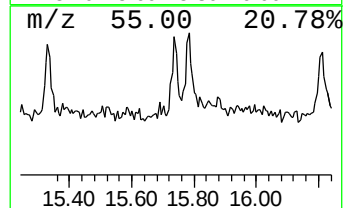
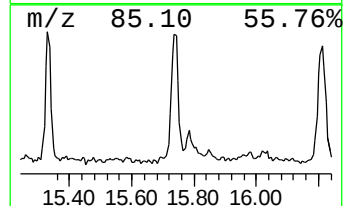
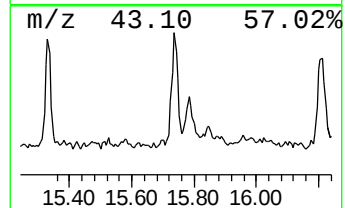
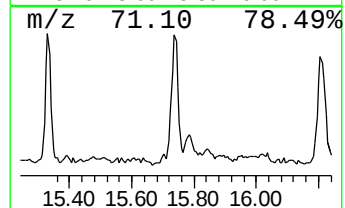
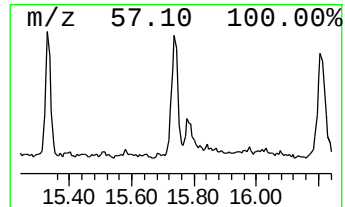
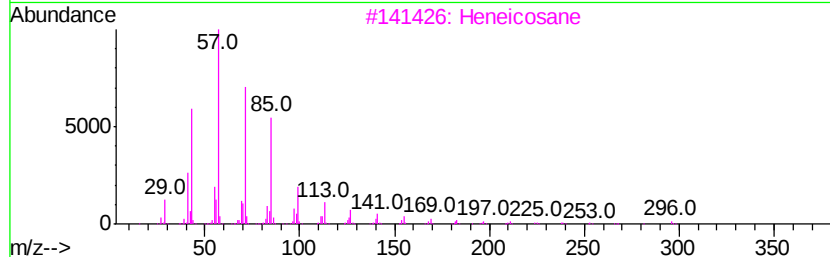
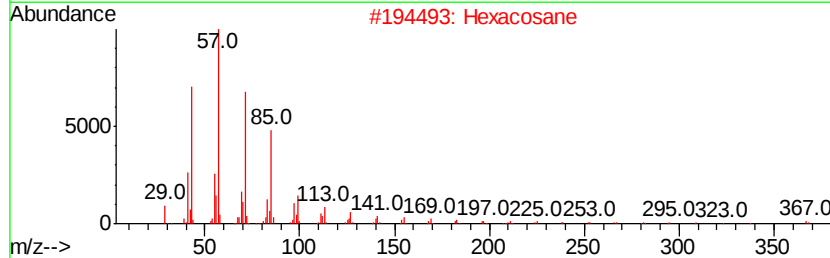
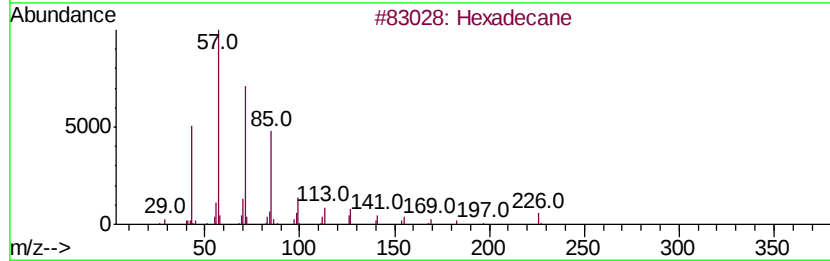
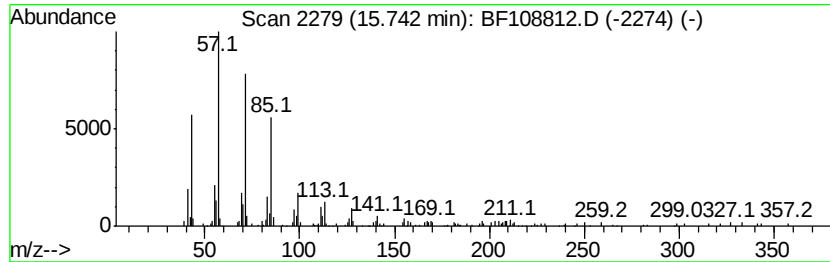
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	2.33 ng	188100	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hentriacontane	437	C31H64	000630-04-6	91
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108812.D
Acq On : 6 Sep 2018 8:58
Operator : JU/SJ
Sample : J4724-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-05

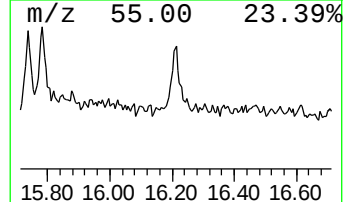
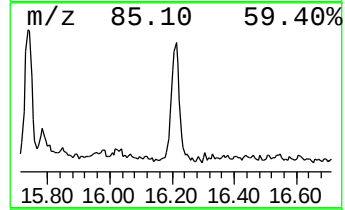
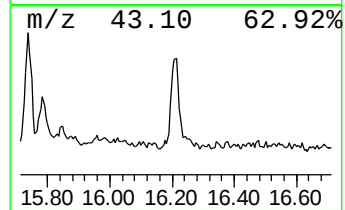
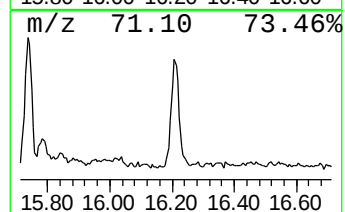
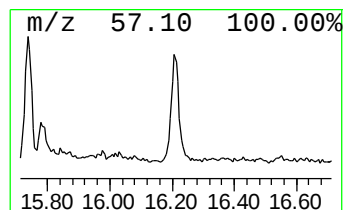
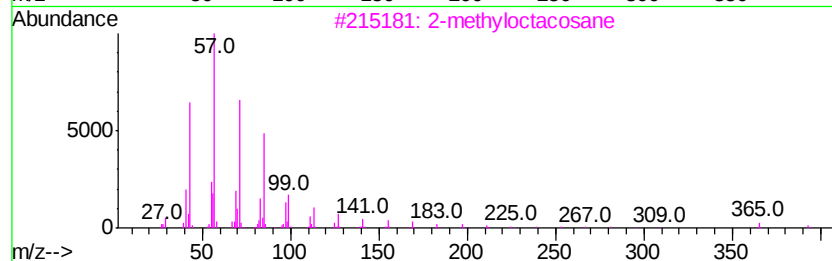
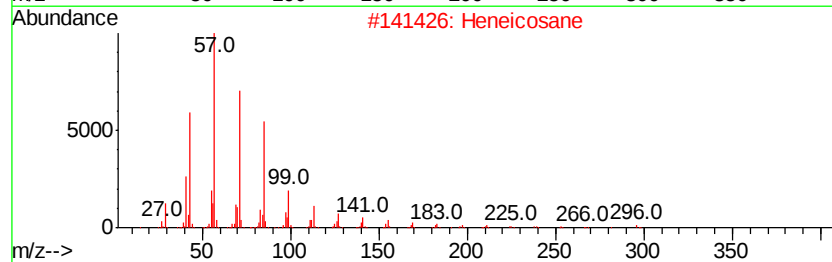
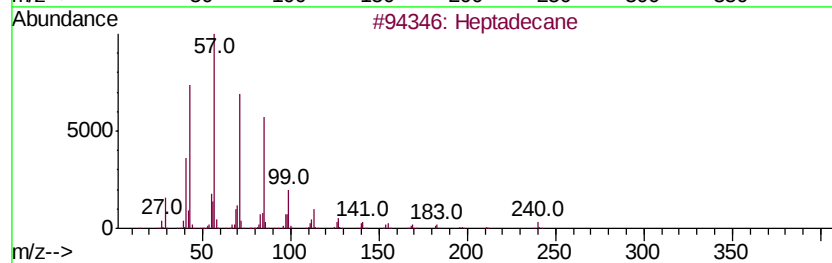
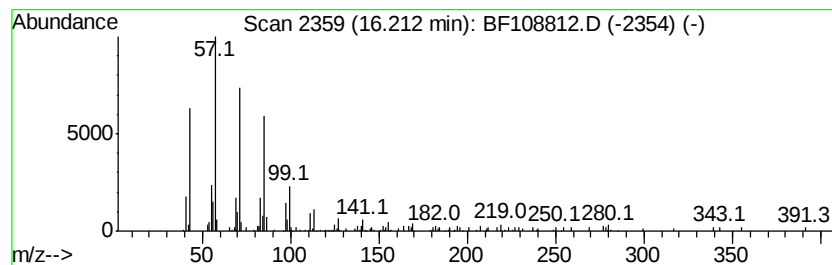
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	2.63 ng	212154	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090518\
Data File : BF108812.D
Acq On : 6 Sep 2018 8:58
Operator : JU/SJ
Sample : J4724-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.94	3.1 ng		266047	1	6.74	1705770	20.0
unknown6.51	6.51	71.0 ng		6052710	1	6.74	1705770	20.0
Ethane, 1,1,2,2-t...	8.64	5.5 ng		584201	2	8.02	2122220	20.0
n-Hexadecanoic acid	11.78	2.5 ng		244861	4	11.24	1931180	20.0
unknown13.68	13.68	2.3 ng		198007	5	13.87	1701610	20.0
1-Heneicosanol	13.73	7.9 ng		671462	5	13.87	1701610	20.0
(2,3-Diphenylcycl...	14.05	2.7 ng		231687	5	13.87	1701610	20.0
Nonadecane	15.33	2.1 ng		171813	6	15.27	1611970	20.0
Hexadecane	15.74	2.3 ng		188100	6	15.27	1611970	20.0
Heptadecane	16.21	2.6 ng		212154	6	15.27	1611970	20.0