

Data Path : Z:\HPCHEM1\BNA F\Data\BF042117\
 Data File : BF094568.D
 Acq On : 21 Apr 2017 17:51
 Operator : SJ/MA
 Sample : I2784-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-005-A

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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	3.907	332	335	345	rBV	238791	286329	10.33%	1.128%
2	4.307	399	403	421	rBV	2446607	2451757	88.44%	9.656%
3	5.390	582	587	603	rBV	2356848	2601271	93.83%	10.245%
4	5.513	603	608	611	rBV	2750331	2581248	93.11%	10.166%
5	5.760	646	650	654	rBV	753257	630508	22.74%	2.483%
6	5.937	676	680	684	rBV	2074869	2006933	72.39%	7.904%
7	6.413	755	761	764	rBV	1548163	1590802	57.38%	6.265%
8	7.254	900	904	908	rBV	992442	852400	30.75%	3.357%
9	8.578	1124	1129	1132	rBV	2914810	2772295	100.00%	10.919%
10	9.078	1210	1214	1222	rBV	591114	528190	19.05%	2.080%
11	9.389	1259	1267	1271	rBV	909745	957135	34.53%	3.770%
12	9.983	1364	1368	1372	rBV	49166	49837	1.80%	0.196%
13	10.260	1407	1415	1418	rBV2	18148	28109	1.01%	0.111%
14	10.360	1428	1432	1445	rBV	1446498	1640698	59.18%	6.462%
15	10.572	1464	1468	1470	rBV	63596	70841	2.56%	0.279%
16	11.124	1558	1562	1565	rVB	54306	48027	1.73%	0.189%
17	11.207	1572	1576	1579	rBV	905701	884927	31.92%	3.485%
18	11.236	1579	1581	1585	rVB	126338	103876	3.75%	0.409%
19	11.560	1633	1636	1645	rVB6	23665	43397	1.57%	0.171%
20	11.648	1648	1651	1656	rVB	52566	48823	1.76%	0.192%
21	11.942	1696	1701	1708	rBV3	73542	133261	4.81%	0.525%
22	12.695	1824	1829	1833	rBV	189506	187882	6.78%	0.740%
23	12.971	1871	1876	1880	rVB	170746	191633	6.91%	0.755%
24	13.183	1907	1912	1916	rBV	2062730	2312087	83.40%	9.106%
25	14.354	2107	2111	2118	rBV4	65368	107976	3.89%	0.425%
26	14.454	2122	2128	2131	rVV	751157	869505	31.36%	3.425%
27	14.483	2131	2133	2136	rVV	89253	95772	3.45%	0.377%
28	14.512	2136	2138	2143	rVB2	42653	49269	1.78%	0.194%
29	15.677	2333	2336	2339	rBV	72996	100593	3.63%	0.396%
30	15.848	2363	2365	2372	rBV3	42617	58932	2.13%	0.232%
31	15.965	2382	2385	2390	rBV	49744	70093	2.53%	0.276%
32	16.018	2391	2394	2397	rVV	72400	81043	2.92%	0.319%
33	16.077	2400	2404	2418	rVB	654125	776685	28.02%	3.059%
34	16.571	2485	2488	2494	rVB2	64286	100627	3.63%	0.396%

Data Path : Z:\HPCHEM1\BNA F\Data\BF042117\
Data File : BF094568.D
Acq On : 21 Apr 2017 17:51
Operator : SJ/MA
Sample : I2784-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-005-A

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:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.495	2643	2645	2652	rVB3	44266	77524	2.80%	0.305%
----	--------	------	------	------	------	-------	-------	-------	--------

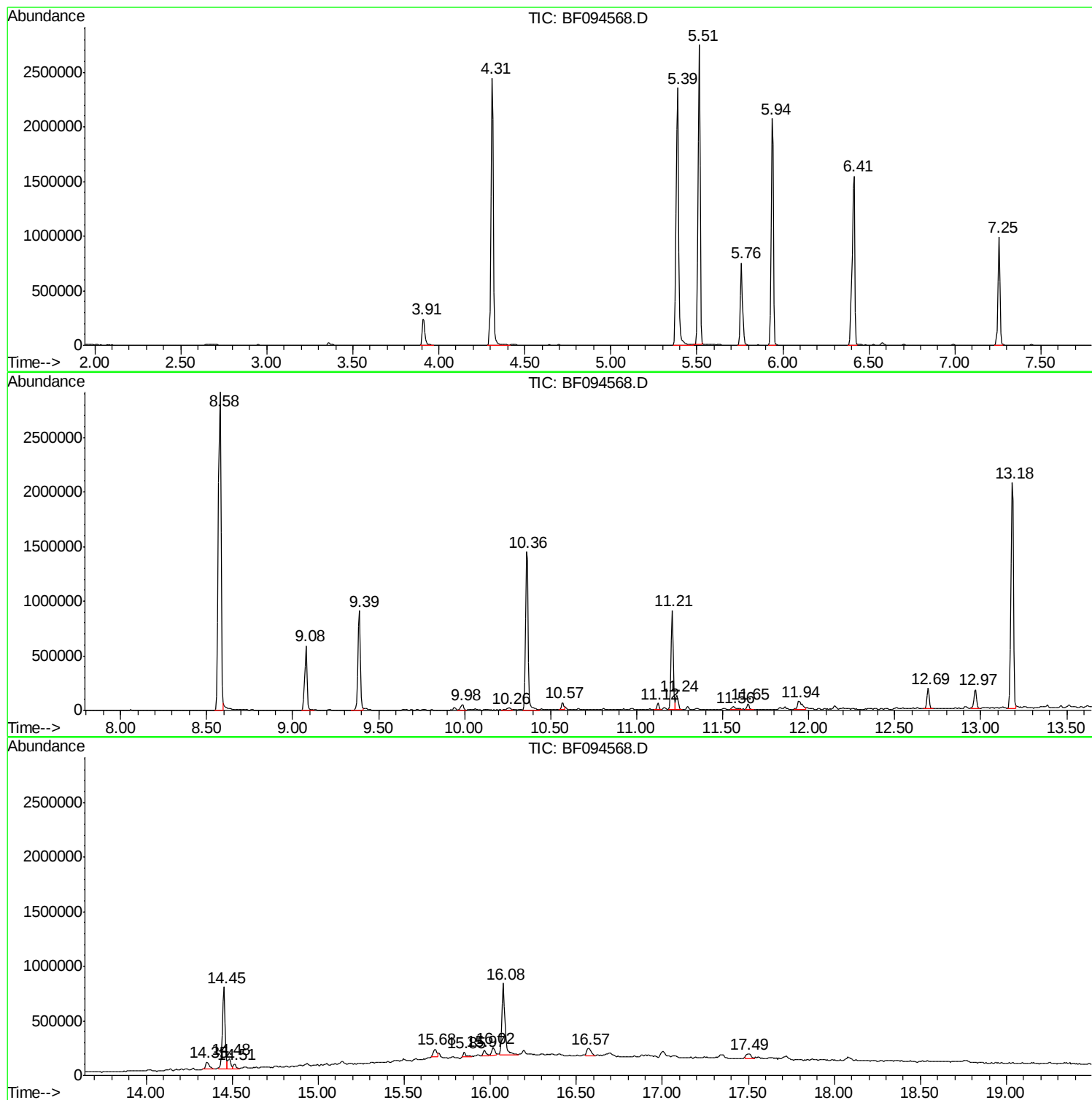
Sum of corrected areas: 25390285

Data Path : Z:\HPCHEM1\BNA F\Data\BF042117\
Data File : BF094568.D
Acq On : 21 Apr 2017 17:51
Operator : SJ/MA
Sample : I2784-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-005-A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\Data\BF042117\
Data File : BF094568.D
Acq On : 21 Apr 2017 17:51
Operator : SJ/MA
Sample : I2784-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-005-A

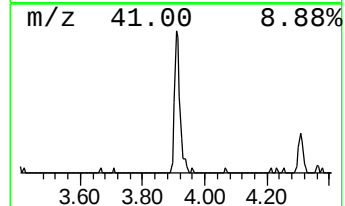
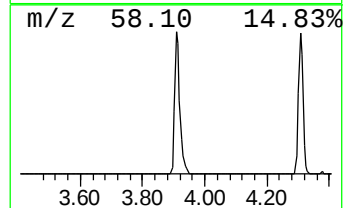
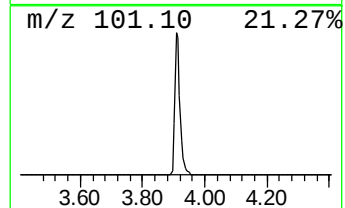
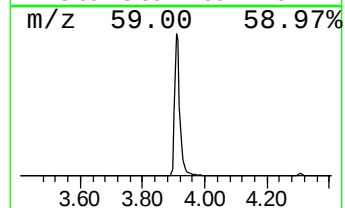
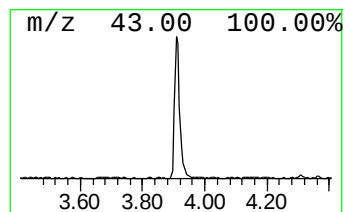
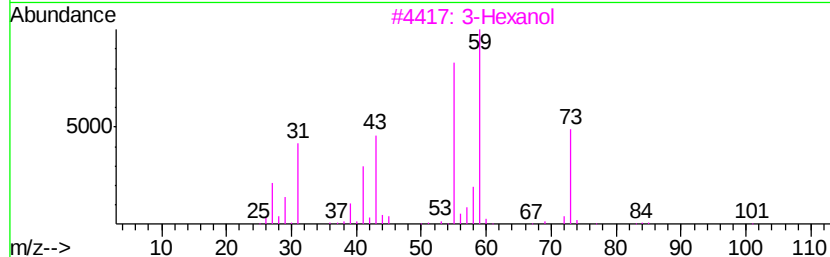
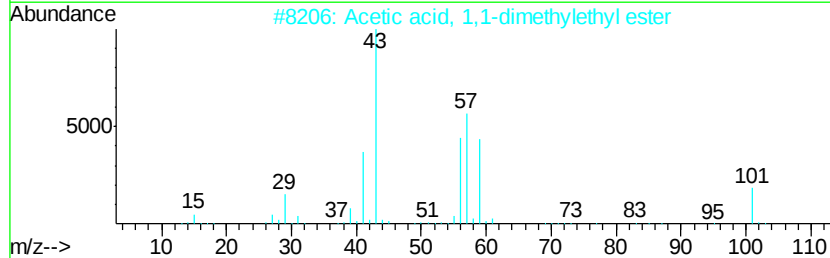
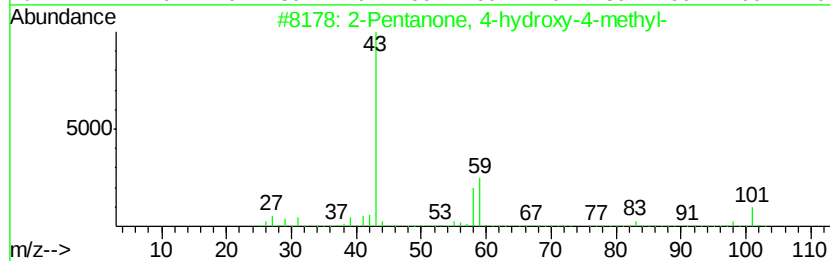
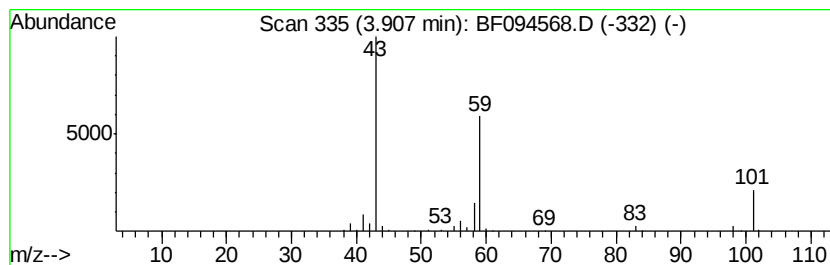
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.91	9.08 ng	286329	1,4-Dichlorobenzene-d4	5.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			3-Hexanol	102	C6H14O	000623-37-0	28
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



Data Path : Z:\HPCHEM1\BNA F\Data\BF042117\
Data File : BF094568.D
Acq On : 21 Apr 2017 17:51
Operator : SJ/MA
Sample : I2784-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-005-A

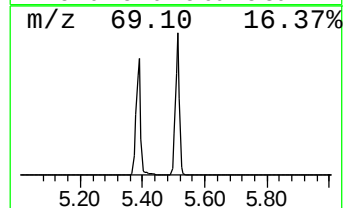
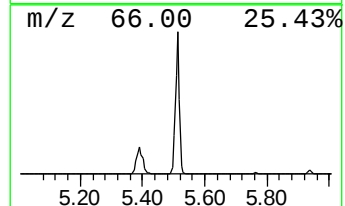
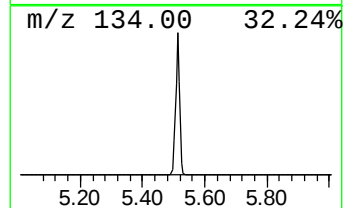
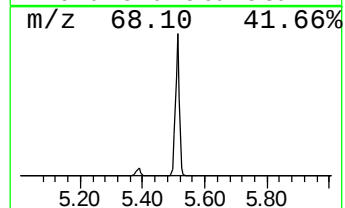
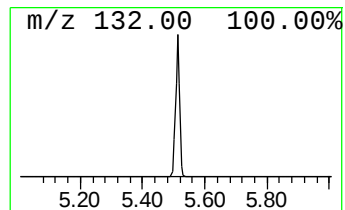
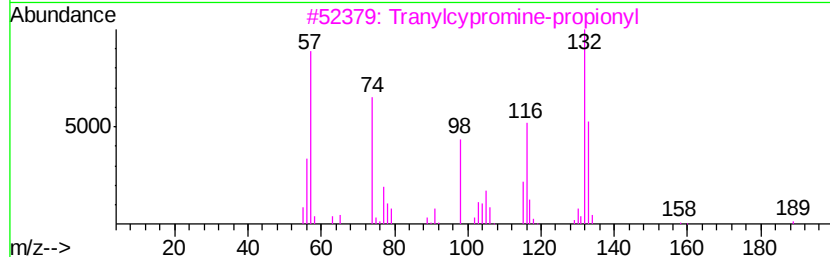
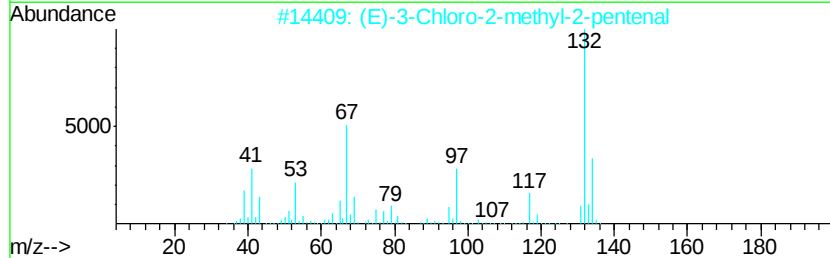
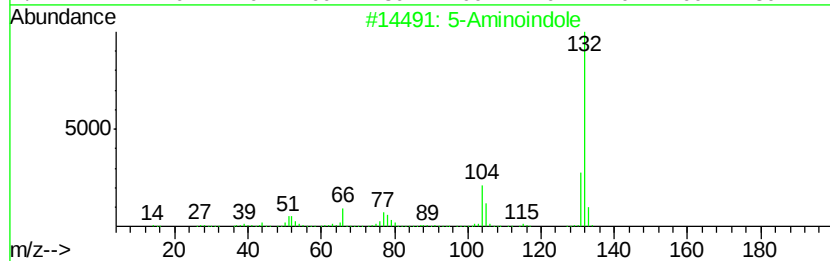
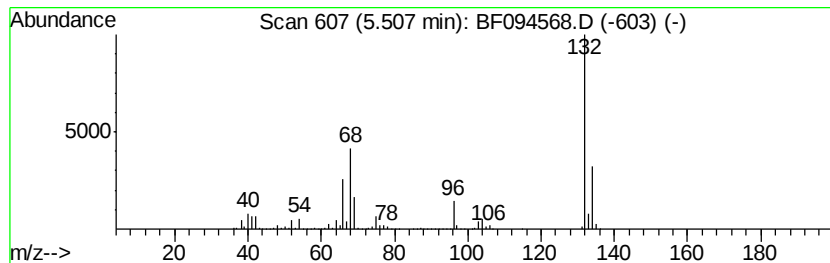
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown5.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.51	81.88 ng	2581250	1,4-Dichlorobenzene-d4	5.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	12
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\HPCHEM1\BNA F\Data\BF042117\
Data File : BF094568.D
Acq On : 21 Apr 2017 17:51
Operator : SJ/MA
Sample : I2784-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-005-A

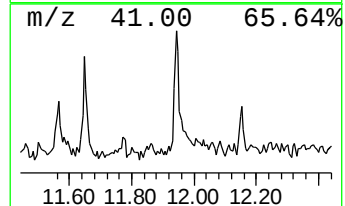
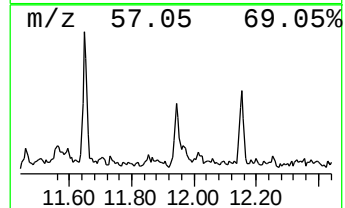
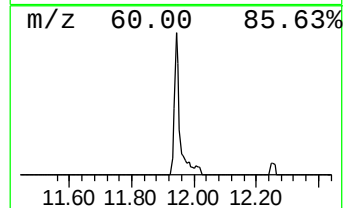
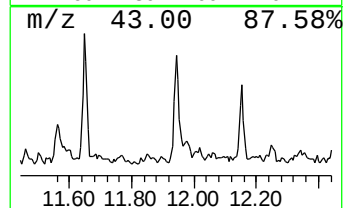
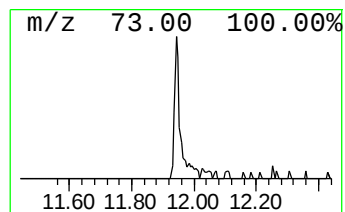
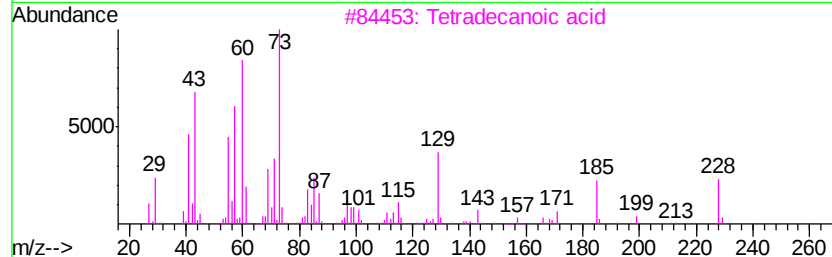
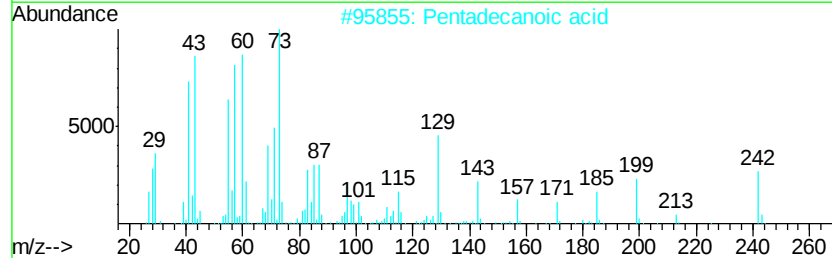
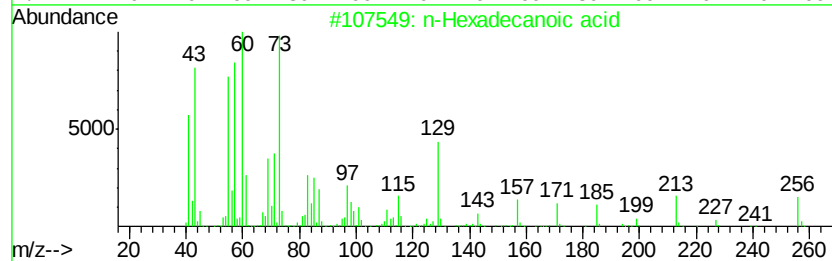
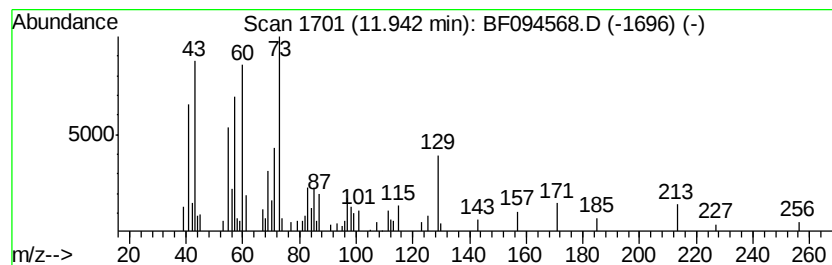
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.01 ng	133261	Phenanthrene-d10	11.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	72
5		Undecanoic acid	186	C11H22O2	000112-37-8	59



Data Path : Z:\HPCHEM1\BNA F\Data\BF042117\
Data File : BF094568.D
Acq On : 21 Apr 2017 17:51
Operator : SJ/MA
Sample : I2784-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-005-A

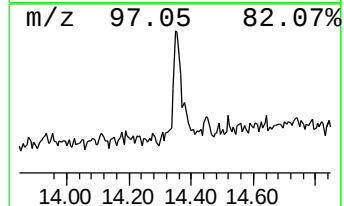
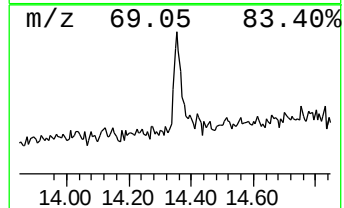
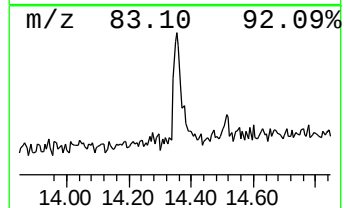
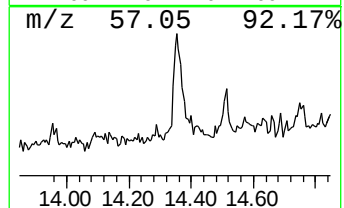
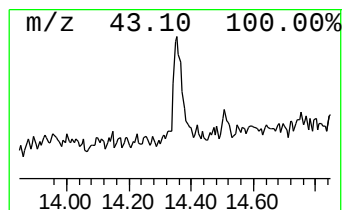
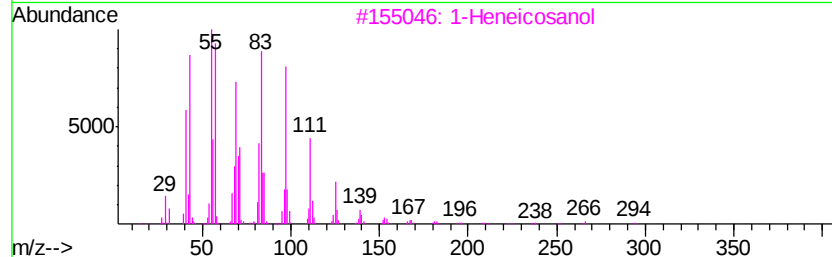
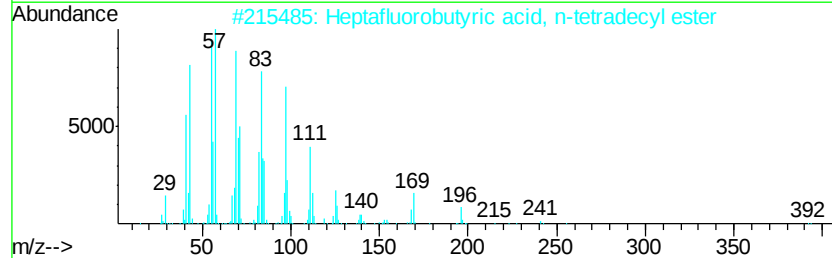
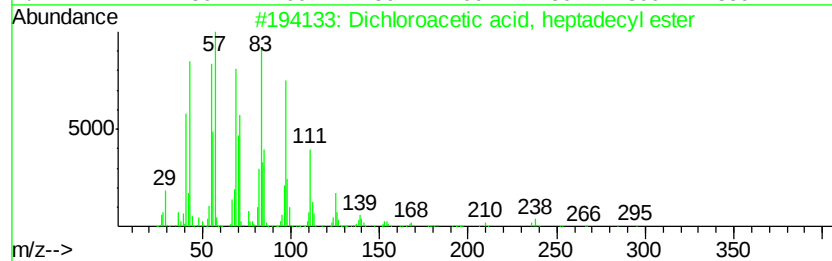
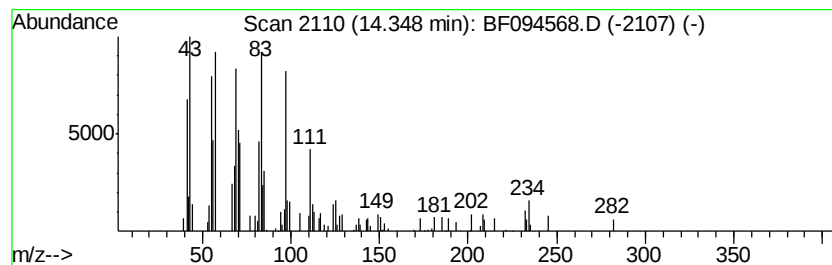
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dichloroacetic acid, heptad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	2.48 ng	107976	Chrysene-d12	14.45

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93
3		1-Heneicosanol	312	C21H44O	015594-90-8	91
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5		Behenic alcohol	326	C22H46O	000661-19-8	91



Data Path : Z:\HPCHEM1\BNA F\Data\BF042117\
Data File : BF094568.D
Acq On : 21 Apr 2017 17:51
Operator : SJ/MA
Sample : I2784-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

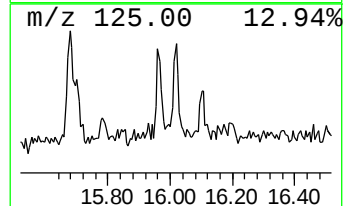
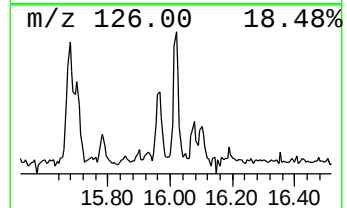
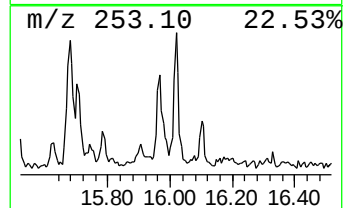
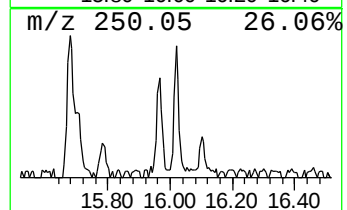
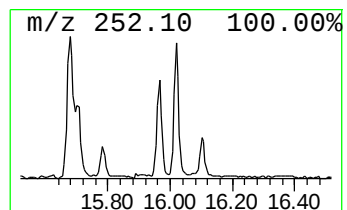
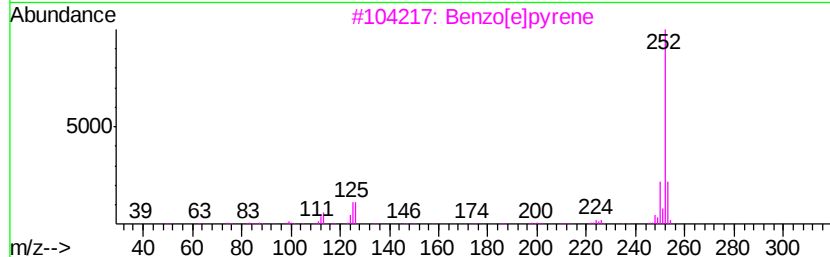
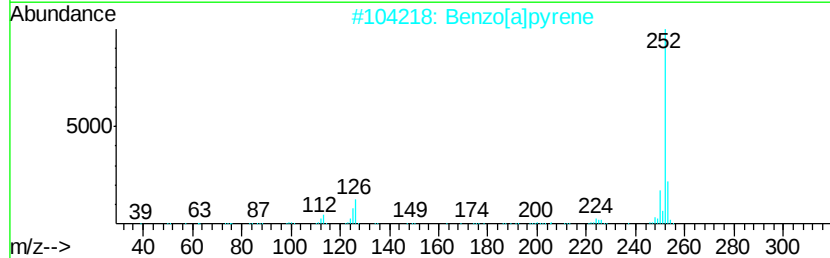
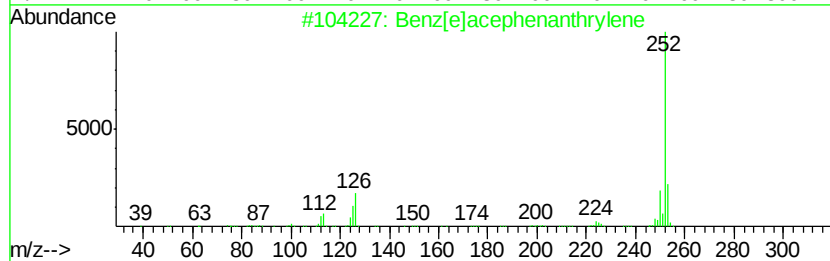
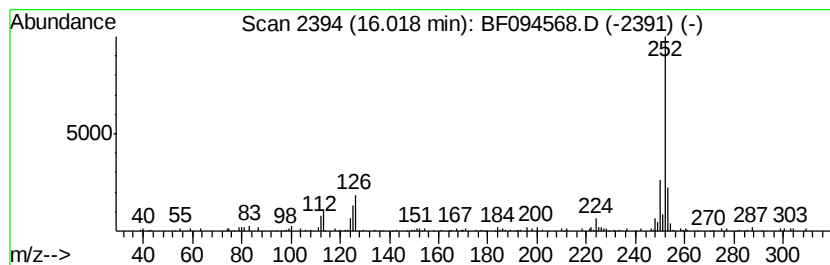
Instrument :
BNA_F
ClientSampled :
FK-GF-02-005-A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benz[e]acephenanthrylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.02	2.09 ng	81043	Perylene-d12	16.08	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benzo[e]pyrene	252	C20H12	000192-97-2	94
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



Data Path : Z:\HPCHEM1\BNA F\Data\BF042117\
Data File : BF094568.D
Acq On : 21 Apr 2017 17:51
Operator : SJ/MA
Sample : I2784-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

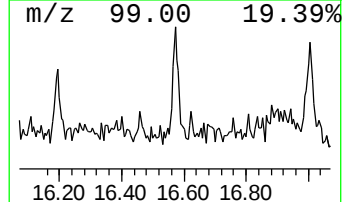
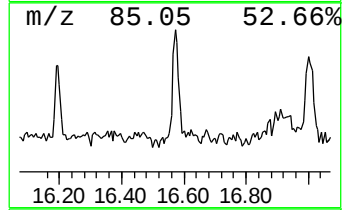
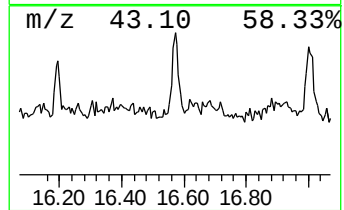
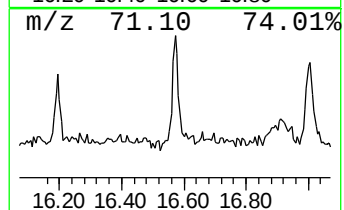
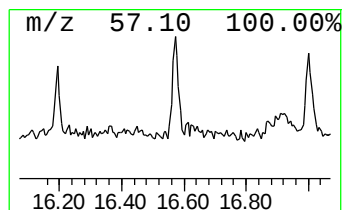
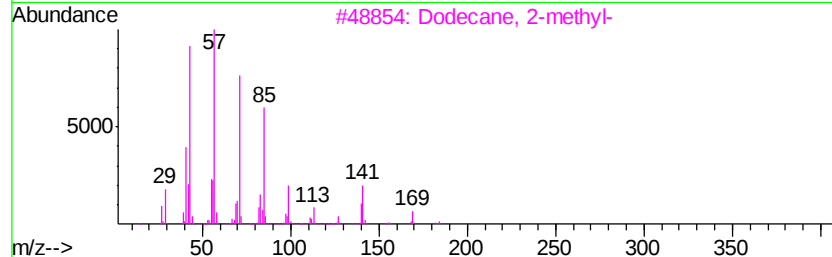
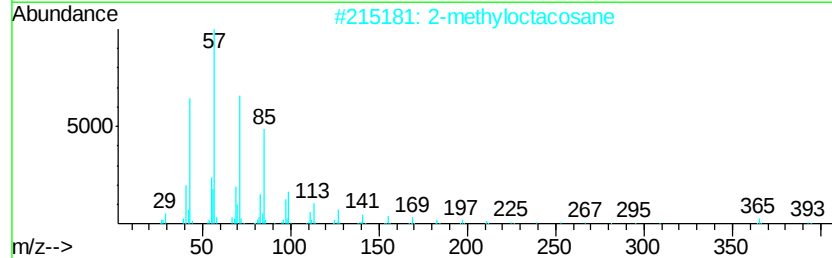
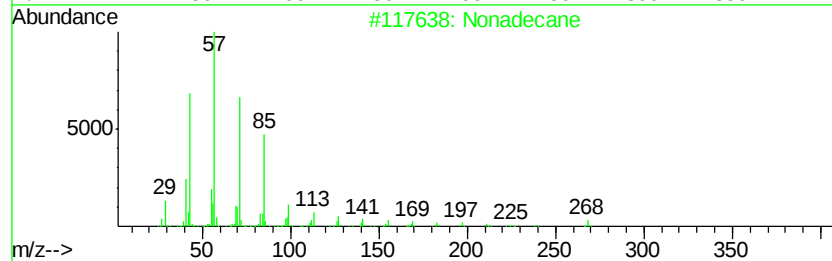
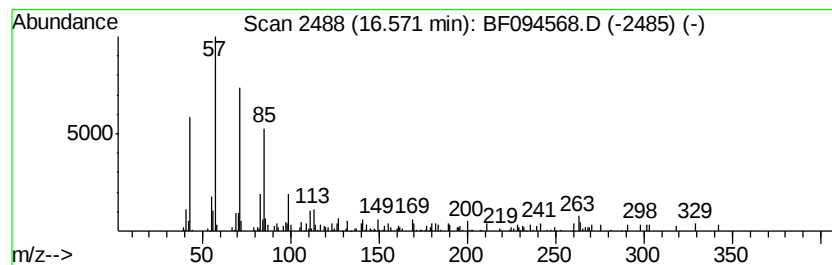
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-005-A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.57	2.59 ng	100627	Perylene-d12	16.08	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	89
2	2-methyloctacosane	408	C29H60	1000376-72-8	74
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
4	Triacontane	422	C30H62	000638-68-6	72
5	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	72



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042117\
Data File : BF094568.D
Acq On : 21 Apr 2017 17:51
Operator : SJ/MA
Sample : I2784-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-005-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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...	3.91	9.1 ng		286329	1	5.76	630508	20.0
unknown5.51	5.51	81.9 ng		2581250	1	5.76	630508	20.0
n-Hexadecanoic acid	11.94	3.0 ng		133261	4	11.21	884927	20.0
Dichloroacetic ac...	14.35	2.5 ng		107976	5	14.45	869505	20.0
Benz[e]acephenant...	16.02	2.1 ng		81043	6	16.08	776685	20.0
Nonadecane	16.57	2.6 ng		100627	6	16.08	776685	20.0