

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
 Data File : BF102672.D
 Acq On : 31 Jan 2018 23:13
 Operator : SJ/JU
 Sample : J1383-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-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-BF012218.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	4.922	478	482	495	rVB	166417	226822	7.07%	0.818%
2	5.345	549	554	574	rBV	3004943	3208631	100.00%	11.565%
3	6.375	725	729	740	rBV	2707664	3194682	99.57%	11.515%
4	6.492	744	749	758	rVB	3195060	3140428	97.87%	11.320%
5	6.710	782	786	793	rBV	907225	762978	23.78%	2.750%
6	6.863	808	812	816	rBV	2505644	2363958	73.67%	8.521%
7	7.281	878	883	886	rBV	1986649	1813295	56.51%	6.536%
8	7.992	1000	1004	1011	rBV	1052048	898192	27.99%	3.238%
9	9.069	1182	1187	1190	rBV	2741119	2503543	78.03%	9.024%
10	9.139	1196	1199	1202	rVB	40892	33435	1.04%	0.121%
11	9.410	1240	1245	1247	rBV4	23776	36295	1.13%	0.131%
12	9.463	1250	1254	1261	rVB	312018	303599	9.46%	1.094%
13	9.669	1285	1289	1293	rBV	116524	102387	3.19%	0.369%
14	9.745	1298	1302	1306	rVB	906530	765430	23.86%	2.759%
15	9.986	1340	1343	1347	rVB2	39928	36303	1.13%	0.131%
16	10.163	1371	1373	1376	rVB	123621	102369	3.19%	0.369%
17	10.292	1393	1395	1399	rVB	46449	40115	1.25%	0.145%
18	10.380	1407	1410	1413	rBV	35118	37973	1.18%	0.137%
19	10.539	1433	1437	1448	rBV	1414596	1344909	41.92%	4.848%
20	10.639	1451	1454	1460	rVB	97590	102068	3.18%	0.368%
21	10.839	1483	1488	1491	rBV4	35539	55908	1.74%	0.202%
22	11.086	1527	1530	1532	rBV	61584	49127	1.53%	0.177%
23	11.233	1551	1555	1557	rBV	856121	729740	22.74%	2.630%
24	11.257	1557	1559	1565	rVV	371809	311696	9.71%	1.123%
25	11.310	1565	1568	1571	rVV	69228	62955	1.96%	0.227%
26	11.733	1637	1640	1642	rBV	90860	92916	2.90%	0.335%
27	11.763	1642	1645	1651	rVB	364533	354930	11.06%	1.279%
28	11.845	1656	1659	1661	rVV	112772	119168	3.71%	0.430%
29	11.868	1661	1663	1666	rVB	58680	51335	1.60%	0.185%
30	12.027	1687	1690	1694	rBV	42084	44833	1.40%	0.162%
31	12.068	1694	1697	1700	rVV4	40138	39572	1.23%	0.143%
32	12.280	1731	1733	1736	rBV	45277	43531	1.36%	0.157%
33	12.421	1755	1757	1758	rBV	51148	39731	1.24%	0.143%
34	12.445	1758	1761	1767	rVV	462871	466613	14.54%	1.682%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013118\
Data File : BF102672.D
Acq On : 31 Jan 2018 23:13
Operator : SJ/JU
Sample : J1383-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-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-BF012218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.539	1775	1777	1782	rBV2	82978	80020	2.49%	0.288%
36	12.674	1794	1800	1804	rBV	460940	442855	13.80%	1.596%
37	12.815	1820	1824	1827	rBV	2153010	1867725	58.21%	6.732%
38	13.233	1893	1895	1898	rVB2	58782	49691	1.55%	0.179%
39	13.345	1911	1914	1916	rBV	117597	96773	3.02%	0.349%
40	13.698	1971	1974	1977	rBV2	272583	236936	7.38%	0.854%
41	13.874	2000	2004	2007	rBV2	826163	906715	28.26%	3.268%
42	13.898	2007	2008	2012	rVB	190812	135582	4.23%	0.489%
43	15.304	2244	2247	2255	rVB	392231	447585	13.95%	1.613%

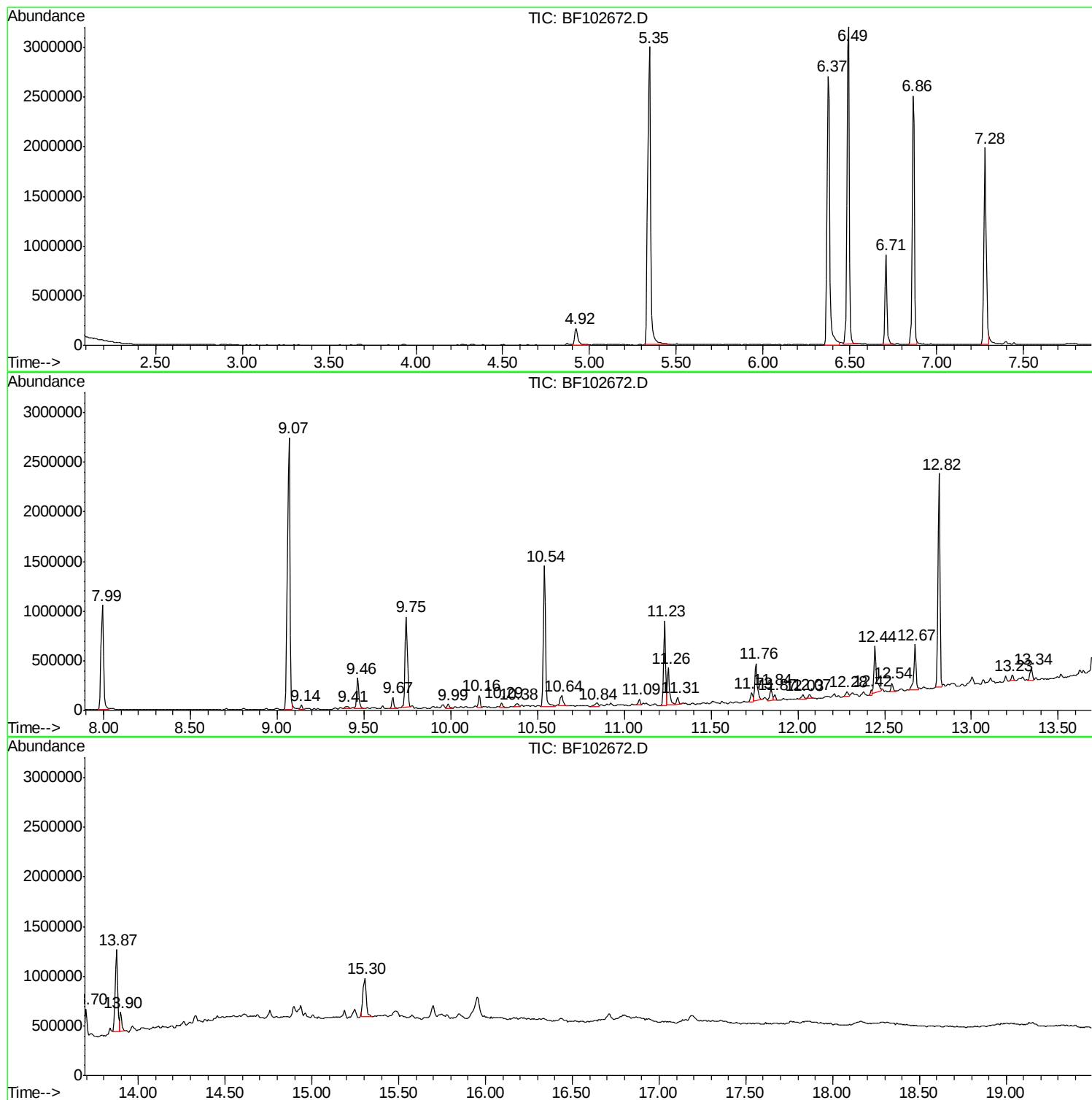
Sum of corrected areas: 27743349

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013118\
Data File : BF102672.D
Acq On : 31 Jan 2018 23:13
Operator : SJ/JU
Sample : J1383-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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\BF013118\
Data File : BF102672.D
Acq On : 31 Jan 2018 23:13
Operator : SJ/JU
Sample : J1383-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-A

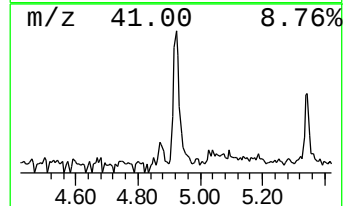
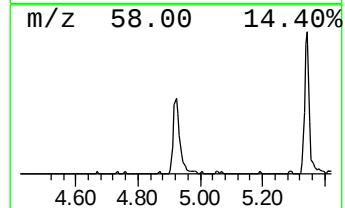
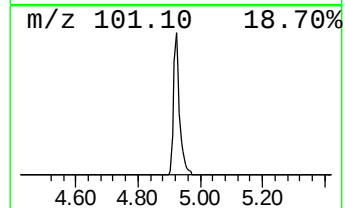
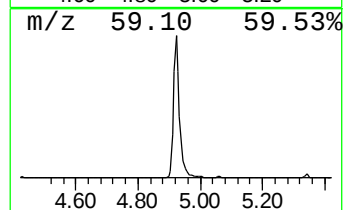
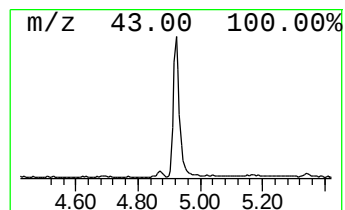
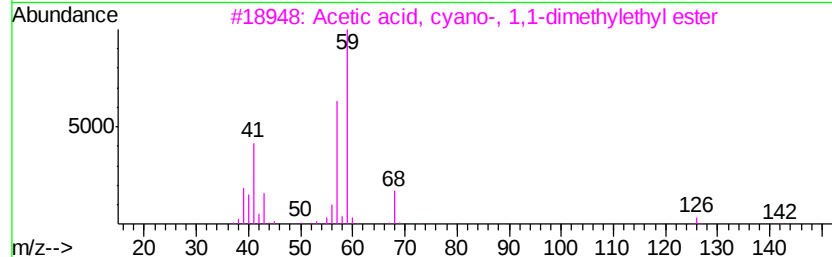
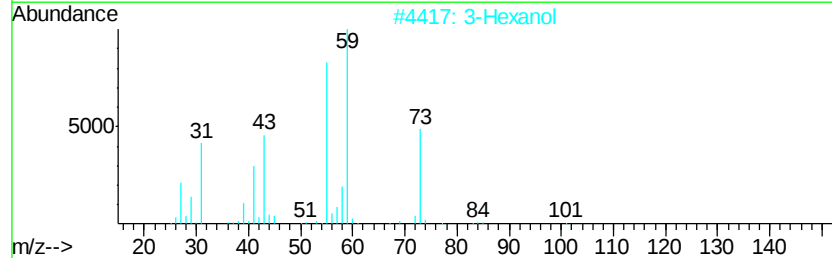
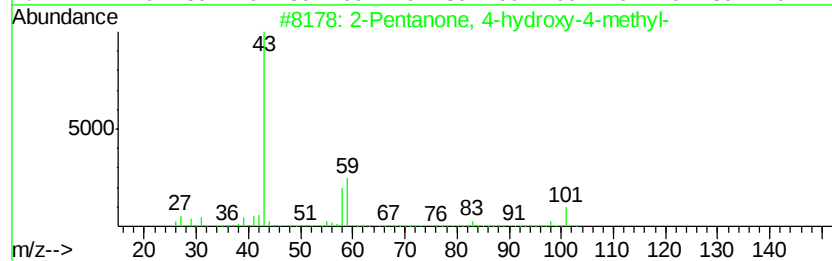
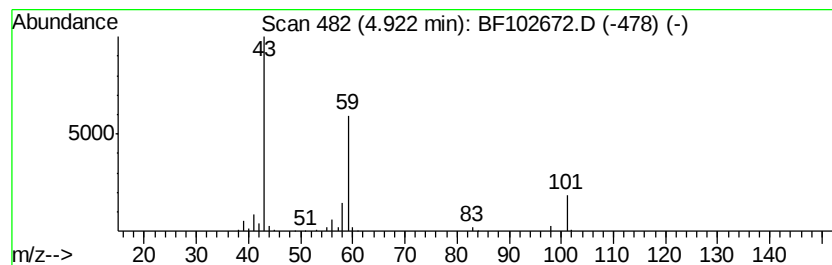
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	5.95 ng	226822	1,4-Dichlorobenzene-d4	6.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		3-Hexanol	102	C6H14O	000623-37-0	33
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102672.D
Acq On : 31 Jan 2018 23:13
Operator : SJ/JU
Sample : J1383-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-A

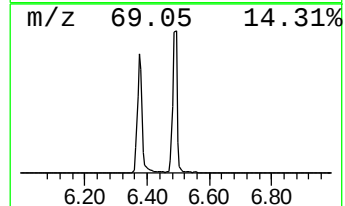
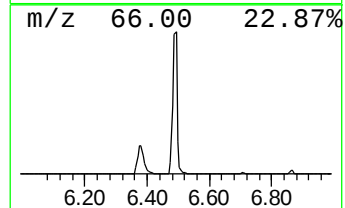
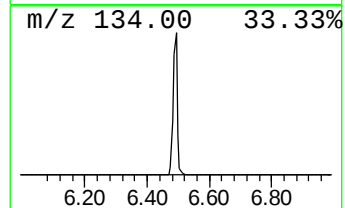
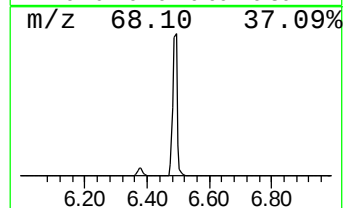
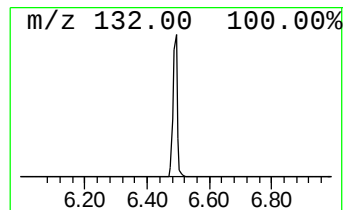
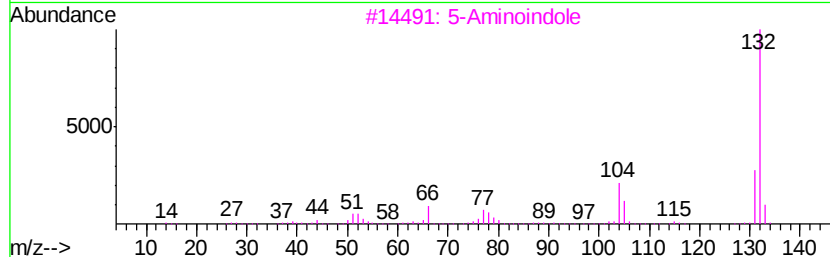
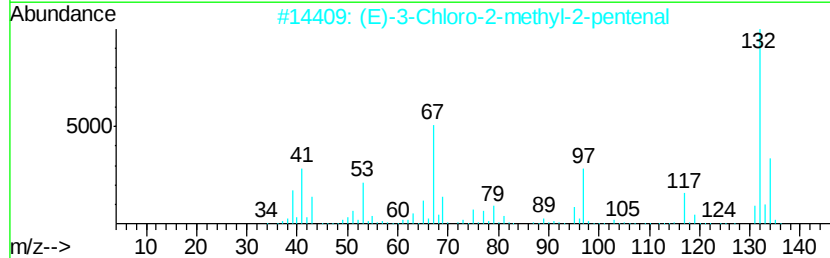
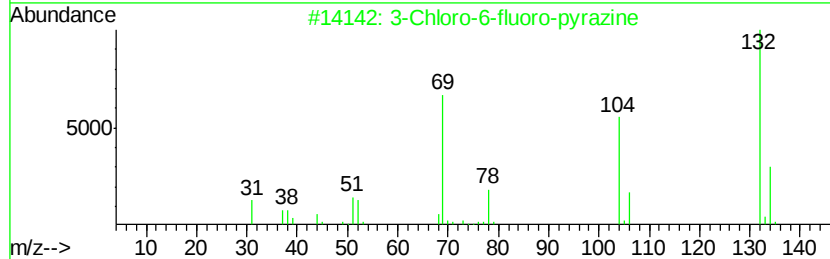
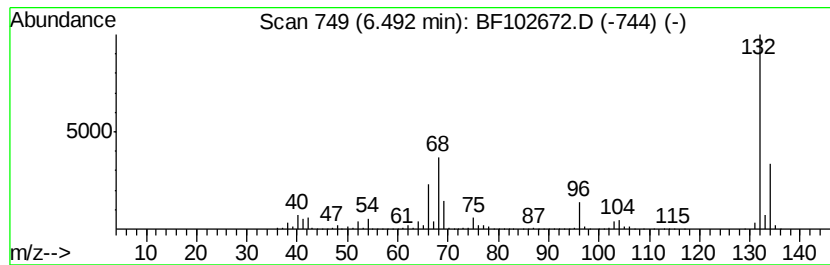
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	82.32 ng	3140430	1,4-Dichlorobenzene-d4	6.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102672.D
Acq On : 31 Jan 2018 23:13
Operator : SJ/JU
Sample : J1383-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-A

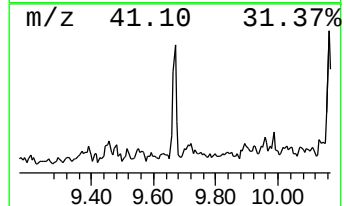
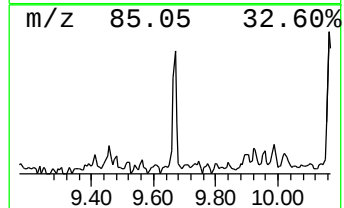
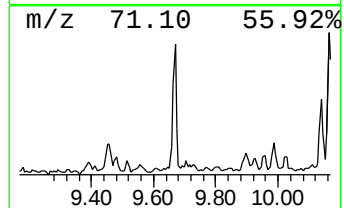
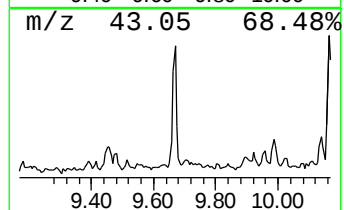
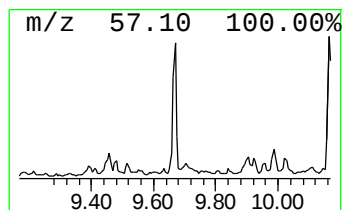
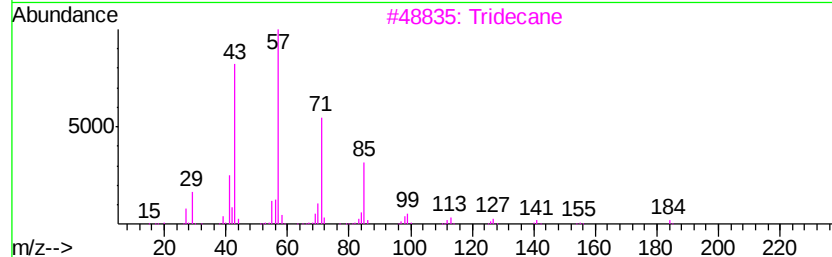
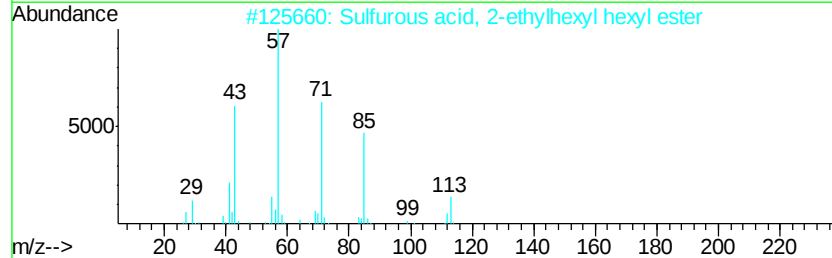
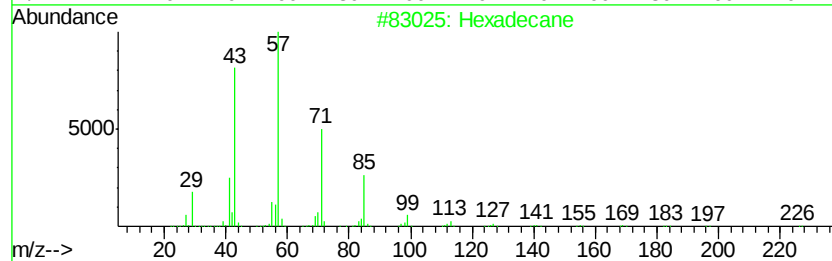
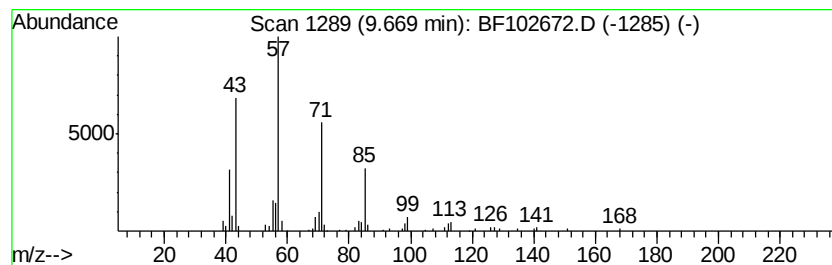
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	2.68 ng	102387	Acenaphthene-d10	9.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	86
3	Tridecane		184	C13H28	000629-50-5	86
4	Heptacosane		380	C27H56	000593-49-7	83
5	Tetradecane		198	C14H30	000629-59-4	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013118\
Data File : BF102672.D
Acq On : 31 Jan 2018 23:13
Operator : SJ/JU
Sample : J1383-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

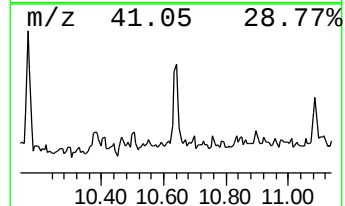
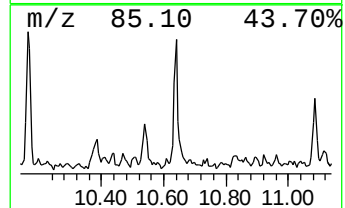
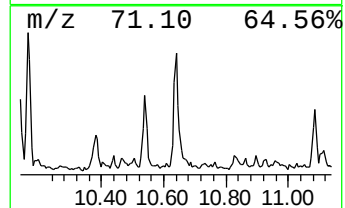
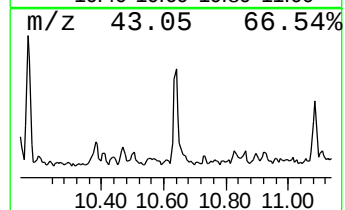
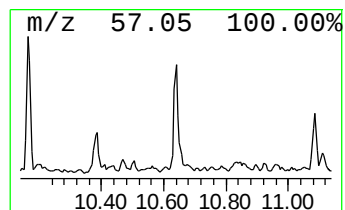
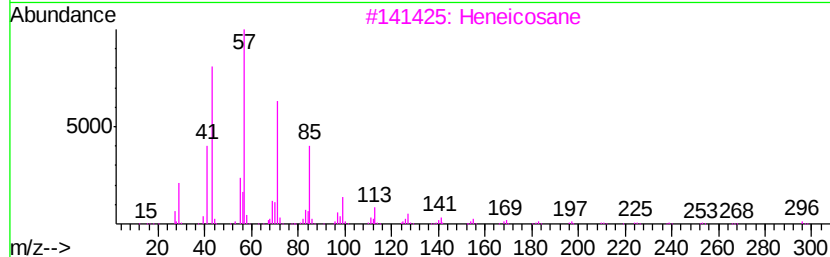
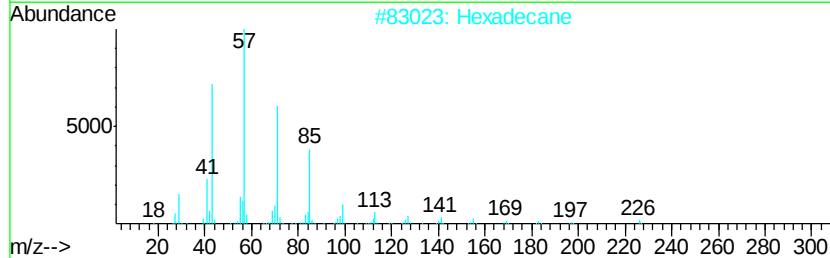
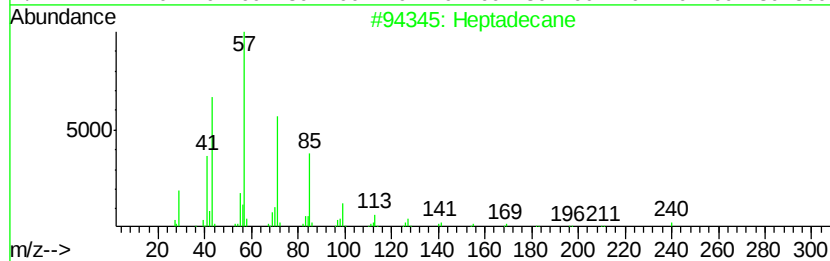
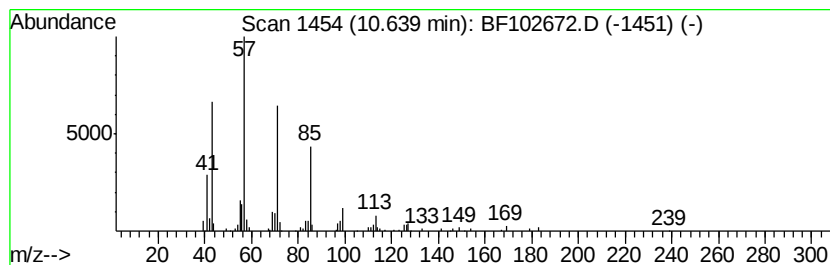
Instrument :
BNA_F
ClientSampleId :
SP-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.64	2.80 ng	102068	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Octadecane	254	C18H38	000593-45-3	87
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013118\
Data File : BF102672.D
Acq On : 31 Jan 2018 23:13
Operator : SJ/JU
Sample : J1383-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

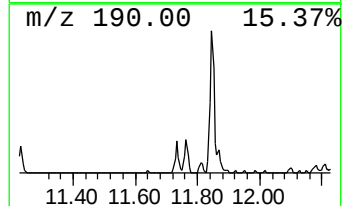
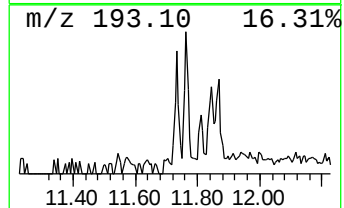
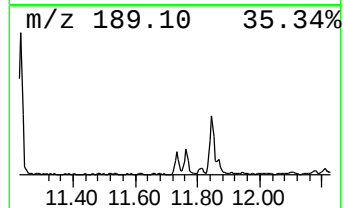
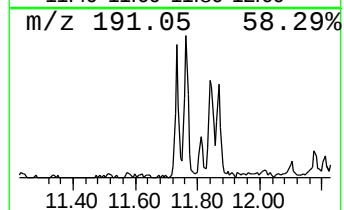
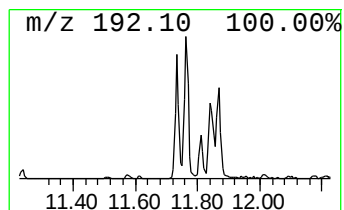
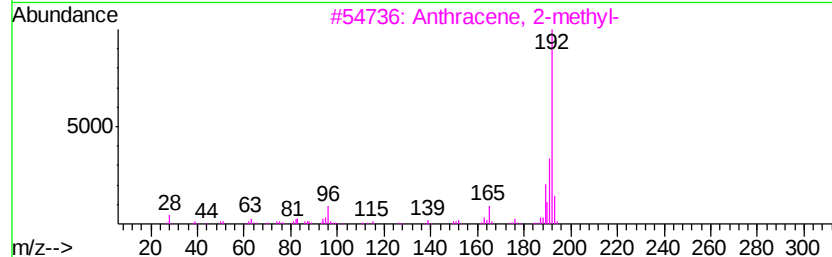
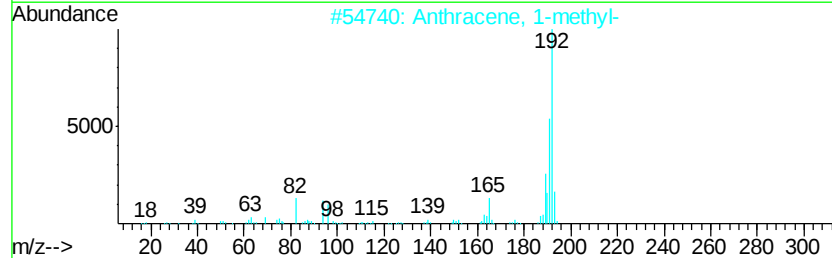
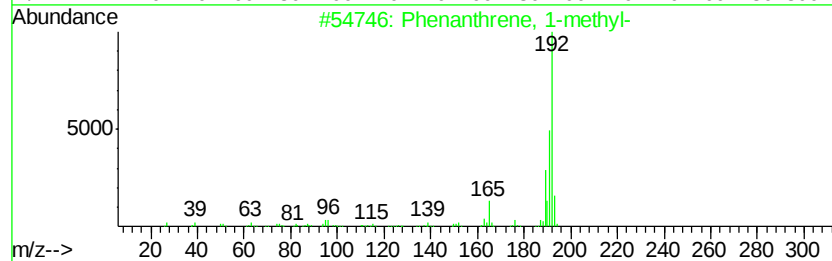
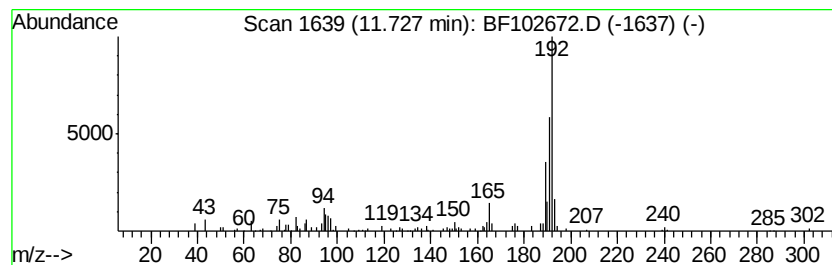
Instrument :
BNA_F
ClientSampleId :
SP-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.73	2.55 ng	92916	Phenanthrene-d10		11.23
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013118\
Data File : BF102672.D
Acq On : 31 Jan 2018 23:13
Operator : SJ/JU
Sample : J1383-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

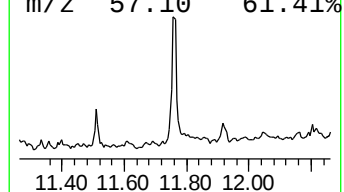
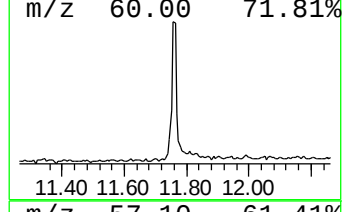
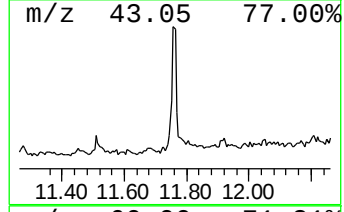
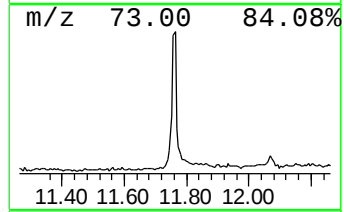
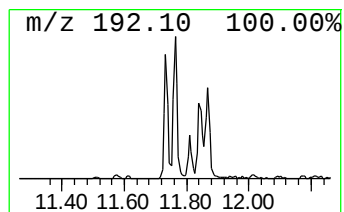
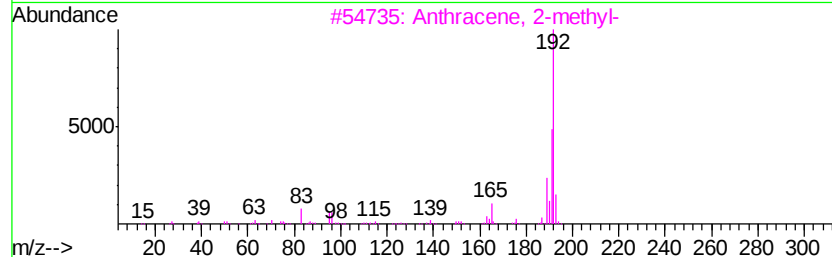
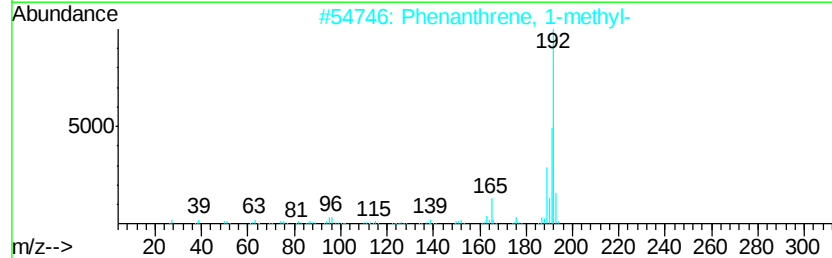
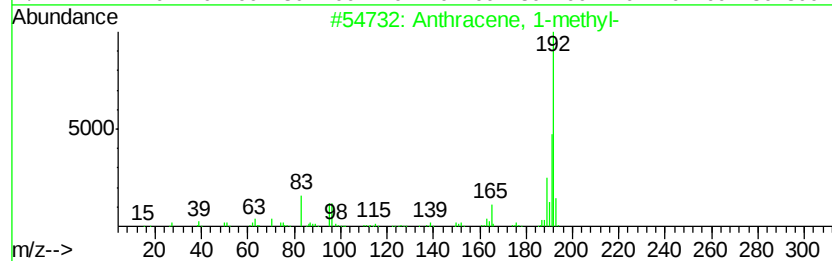
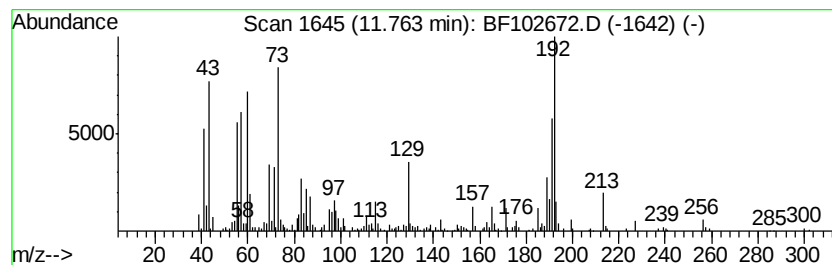
Instrument :
BNA_F
ClientSampleId :
SP-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.76	9.73 ng	354930	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013118\
Data File : BF102672.D
Acq On : 31 Jan 2018 23:13
Operator : SJ/JU
Sample : J1383-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

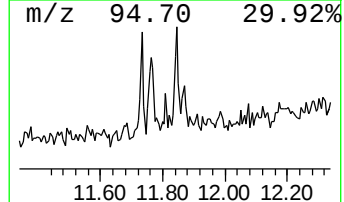
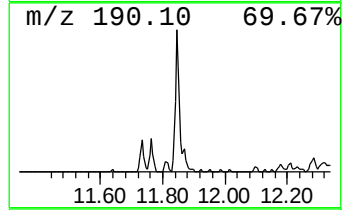
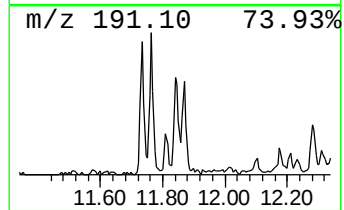
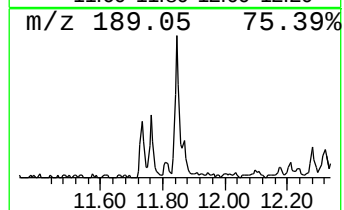
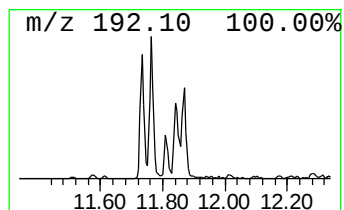
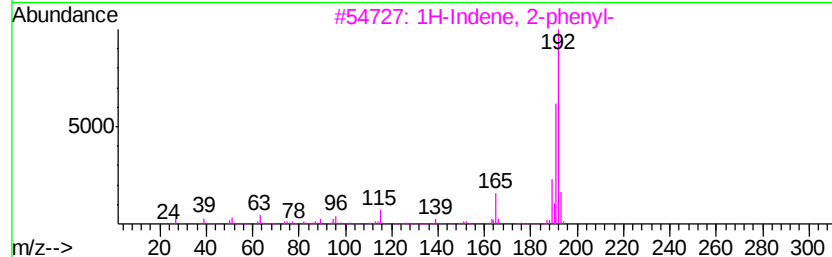
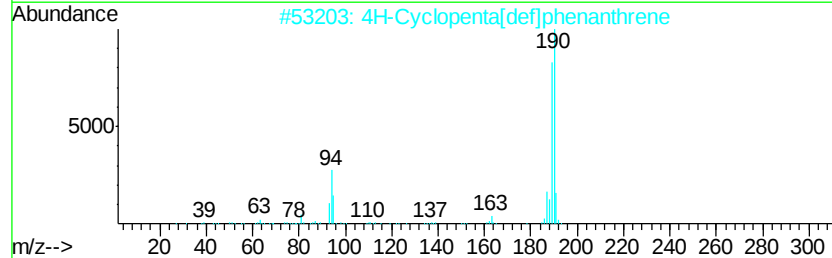
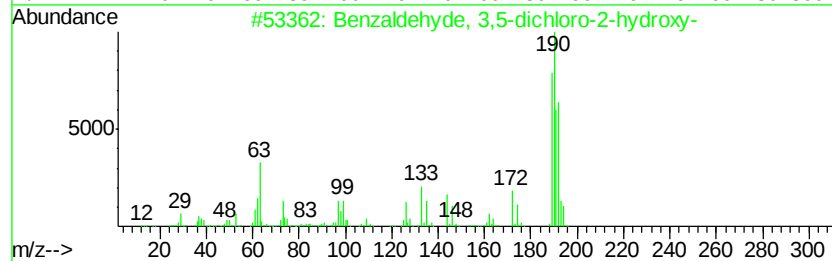
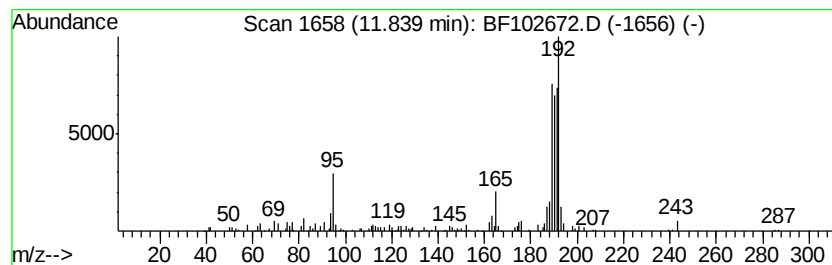
Instrument :
BNA_F
ClientSampled :
SP-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzaldehyde, 3,5-dichloro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.84	3.27 ng	119168	Phenanthrene-d10		11.23
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102672.D
Acq On : 31 Jan 2018 23:13
Operator : SJ/JU
Sample : J1383-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-A

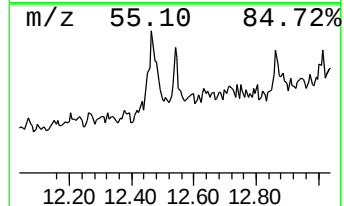
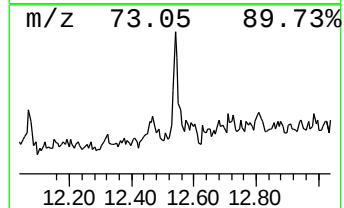
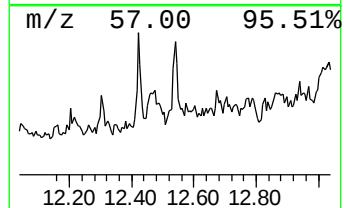
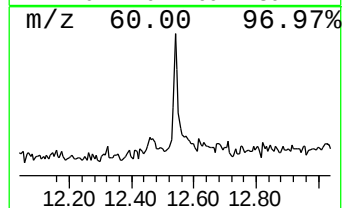
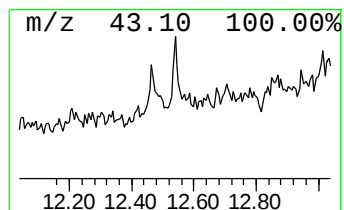
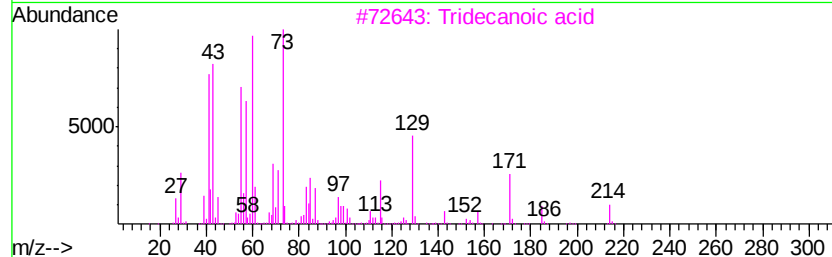
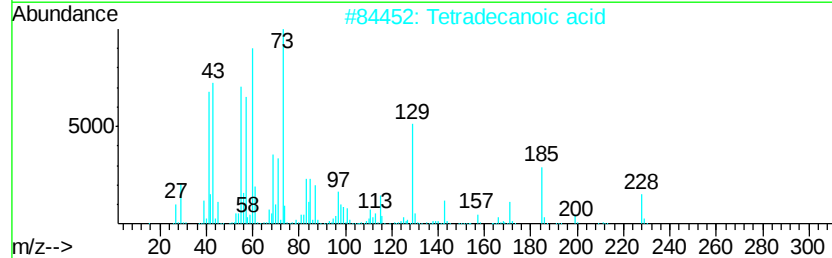
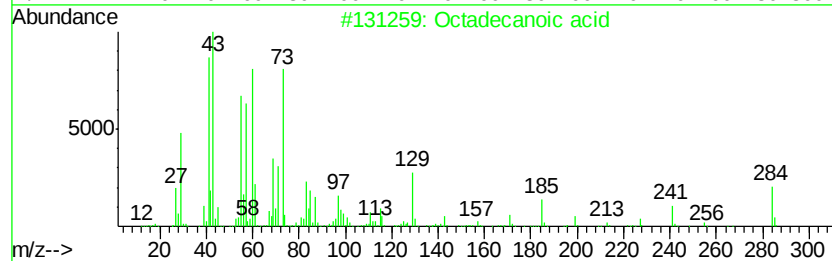
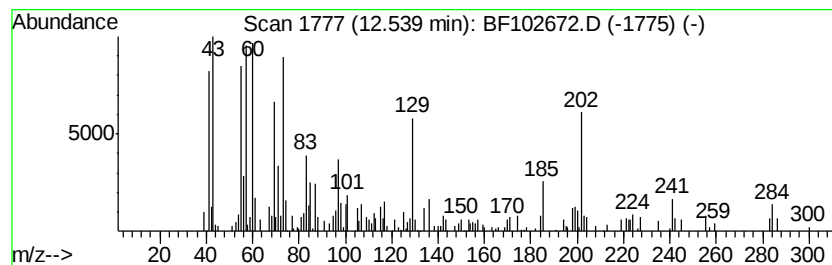
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	2.19 ng	80020	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	90
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
3	Tridecanoic acid	214	C13H26O2	000638-53-9	47
4	Dodecanoic acid	200	C12H24O2	000143-07-7	46
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102672.D
Acq On : 31 Jan 2018 23:13
Operator : SJ/JU
Sample : J1383-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

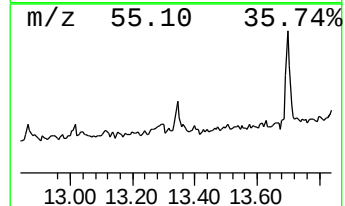
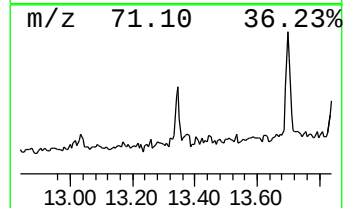
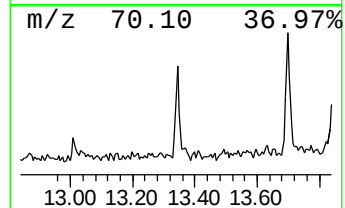
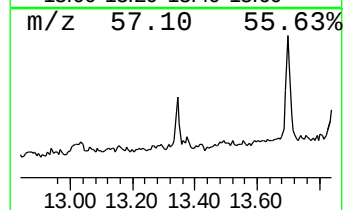
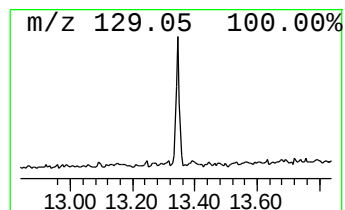
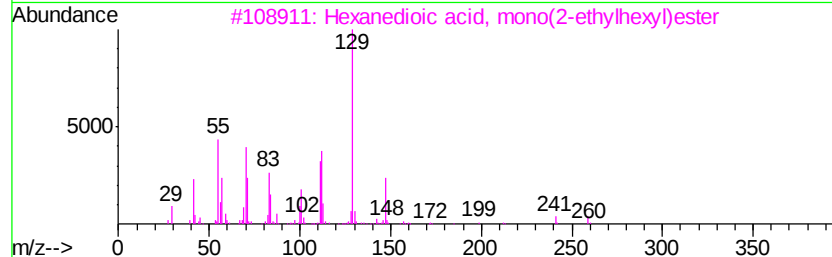
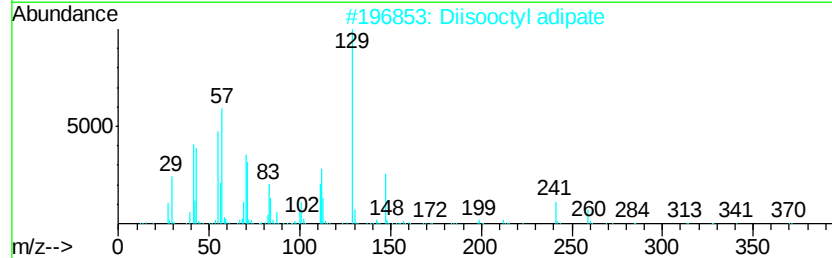
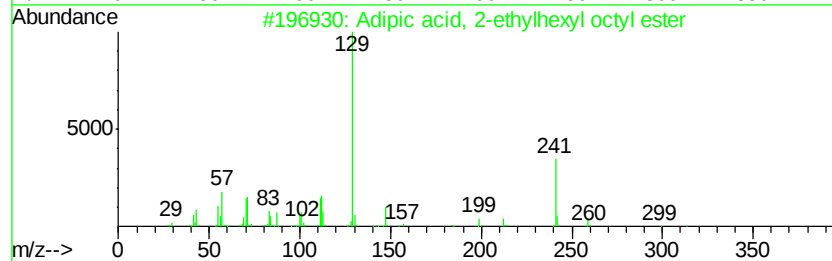
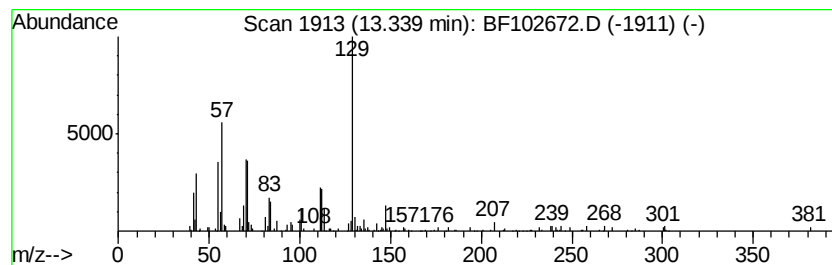
Instrument :
BNA_F
ClientSampleId :
SP-A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Adipic acid, 2-ethylhexyl o... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.34	2.13 ng	96773	Chrysene-d12	13.87		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	90
2		Diisooctyl adipate	370	C22H42O4	001330-86-5	78
3		Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	76
4		Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	72
5		Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013118\
Data File : BF102672.D
Acq On : 31 Jan 2018 23:13
Operator : SJ/JU
Sample : J1383-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

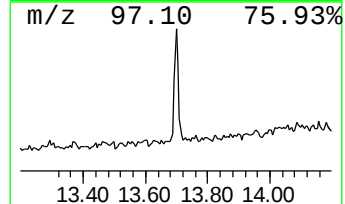
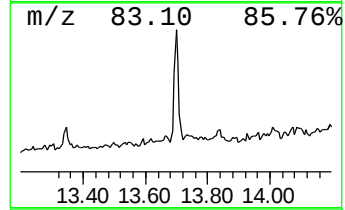
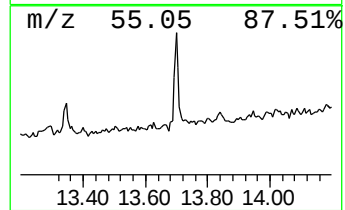
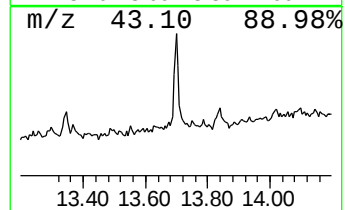
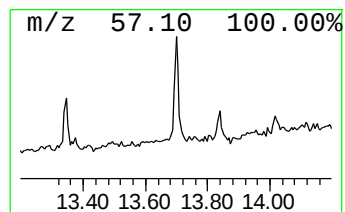
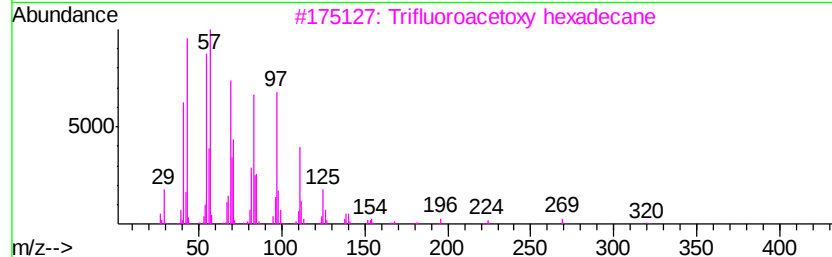
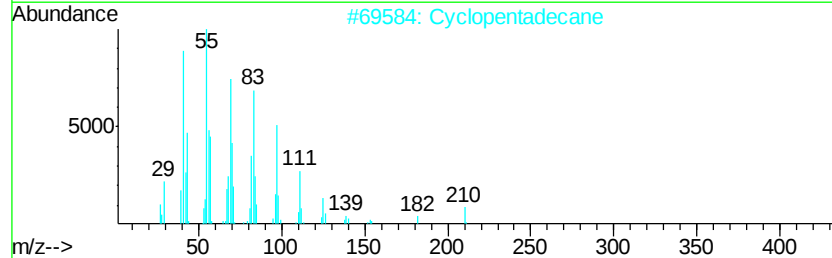
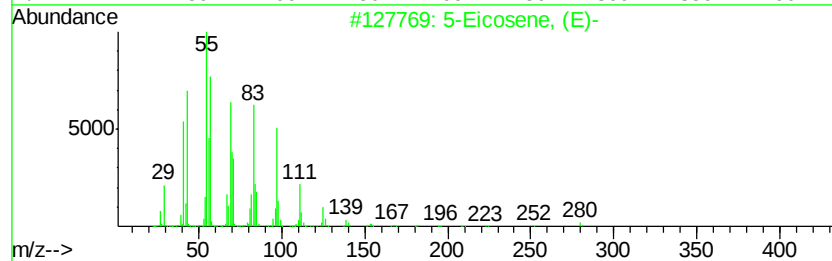
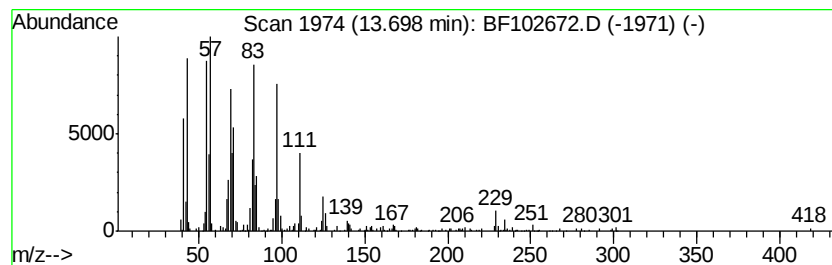
Instrument :
BNA_F
ClientSampleId :
SP-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.70	5.23 ng	236936	Chrysene-d12	13.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	Cyclopentadecane	210	C15H30	000295-48-7	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013118\
Data File : BF102672.D
Acq On : 31 Jan 2018 23:13
Operator : SJ/JU
Sample : J1383-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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...	4.92	6.0	ng	226822	1	6.71	762978	20.0
unknown6.49	6.49	82.3	ng	3140430	1	6.71	762978	20.0
Hexadecane	9.67	2.7	ng	102387	3	9.75	765430	20.0
Heptadecane	10.64	2.8	ng	102068	4	11.23	729740	20.0
Phenanthrene, 1-m...	11.73	2.5	ng	92916	4	11.23	729740	20.0
Anthracene, 1-met...	11.76	9.7	ng	354930	4	11.23	729740	20.0
Benzaldehyde, 3,5...	11.84	3.3	ng	119168	4	11.23	729740	20.0
Octadecanoic acid	12.54	2.2	ng	80020	4	11.23	729740	20.0
Adipic acid, 2-et...	13.34	2.1	ng	96773	5	13.87	906715	20.0
5-Eicosene, (E)-	13.70	5.2	ng	236936	5	13.87	906715	20.0