

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100935.D
 Acq On : 28 Nov 2017 15:48
 Operator : SJ/JU
 Sample : I6579-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HAR-4-E(0-1)

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-BF110817.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	5.087	506	510	521	rVB	151872	205331	13.63%	1.398%
2	5.481	572	577	580	rBV	1449629	1350162	89.63%	9.193%
3	6.492	743	749	759	rBV	1377662	1408418	93.50%	9.590%
4	6.628	768	772	775	rBV	1554608	1450306	96.28%	9.875%
5	6.857	808	811	815	rBV	487835	382652	25.40%	2.606%
6	7.016	834	838	841	rBV	1303979	1085220	72.05%	7.389%
7	7.422	902	907	910	rBV	950960	873552	57.99%	5.948%
8	8.139	1025	1029	1032	rBV	605578	483130	32.07%	3.290%
9	8.692	1120	1123	1126	rBV	106994	80532	5.35%	0.548%
10	9.216	1207	1212	1215	rBV	1774360	1506292	100.00%	10.256%
11	9.604	1275	1278	1286	rBB	88152	68294	4.53%	0.465%
12	9.892	1323	1327	1331	rBV	542870	484179	32.14%	3.297%
13	10.610	1445	1449	1452	rBV	384062	344475	22.87%	2.346%
14	10.686	1458	1462	1473	rVB	860023	814486	54.07%	5.546%
15	11.380	1577	1580	1583	rBV	503958	418670	27.79%	2.851%
16	11.404	1583	1584	1587	rVB	62728	32616	2.17%	0.222%
17	11.898	1661	1668	1676	rBV4	68716	82929	5.51%	0.565%
18	11.992	1680	1684	1687	rBV	16272	18638	1.24%	0.127%
19	12.445	1755	1761	1770	rBV4	35821	51829	3.44%	0.353%
20	12.592	1783	1786	1789	rBV	188698	155477	10.32%	1.059%
21	12.821	1819	1825	1831	rBV	181206	178546	11.85%	1.216%
22	12.963	1841	1849	1853	rBV	1218473	1117513	74.19%	7.609%
23	13.033	1857	1861	1868	rVV4	12773	21910	1.45%	0.149%
24	13.151	1878	1881	1884	rVB	16752	20418	1.36%	0.139%
25	13.257	1894	1899	1901	rBV2	19036	21946	1.46%	0.149%
26	13.421	1922	1927	1932	rVB	23812	26210	1.74%	0.178%
27	13.657	1961	1967	1972	rBV	20066	30874	2.05%	0.210%
28	13.768	1983	1986	1989	rBV3	15896	19307	1.28%	0.131%
29	13.851	1997	2000	2008	rVB3	101744	145602	9.67%	0.991%
30	14.021	2022	2029	2032	rBV2	529470	586332	38.93%	3.992%
31	14.045	2032	2033	2038	rVB	109370	72257	4.80%	0.492%
32	14.404	2090	2094	2097	rBV	26889	30933	2.05%	0.211%
33	14.492	2105	2109	2113	rBV6	17602	29311	1.95%	0.200%
34	14.527	2113	2115	2118	rBV4	19855	24010	1.59%	0.163%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112817\
Data File : BF100935.D
Acq On : 28 Nov 2017 15:48
Operator : SJ/JU
Sample : I6579-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HAR-4-E(0-1)

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-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.857	2169	2171	2174	rVB2	22679	20776	1.38%	0.141%
36	15.062	2201	2206	2213	rBV	112463	225695	14.98%	1.537%
37	15.362	2254	2257	2262	rVB	69227	85408	5.67%	0.582%
38	15.427	2264	2268	2274	rBV	101324	127884	8.49%	0.871%
39	15.492	2274	2279	2283	rBV	329455	426589	28.32%	2.905%
40	16.962	2525	2529	2537	rVB	40015	70511	4.68%	0.480%
41	17.127	2551	2557	2558	rBV5	13330	23600	1.57%	0.161%
42	17.203	2565	2570	2576	rVB9	14747	30100	2.00%	0.205%
43	17.415	2600	2606	2610	rBV3	27203	53377	3.54%	0.363%

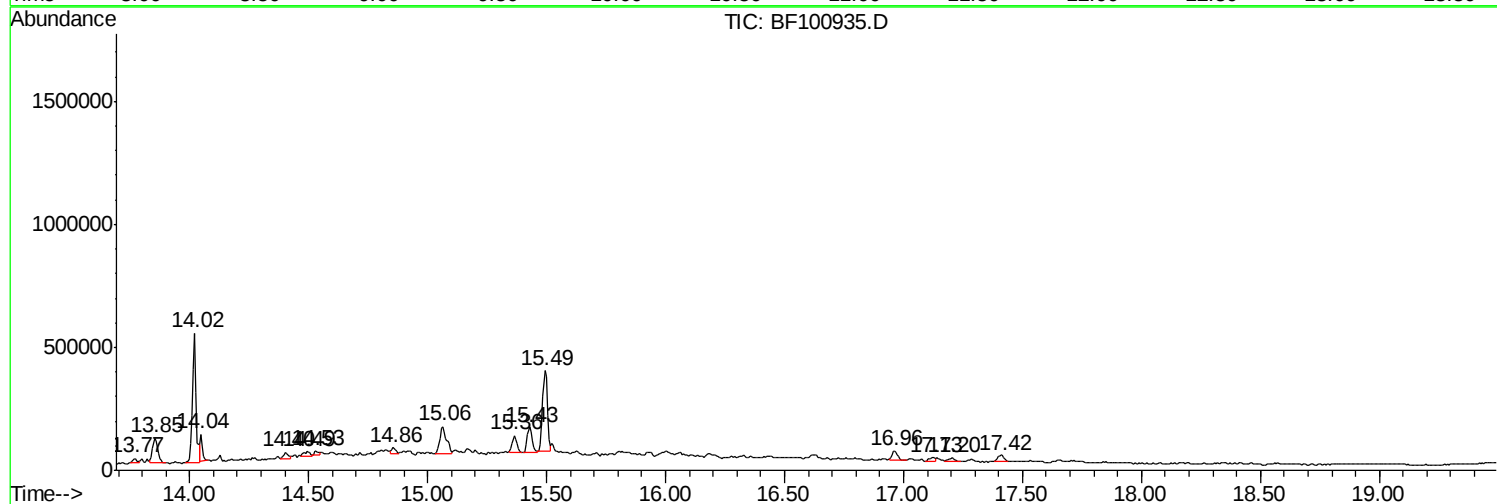
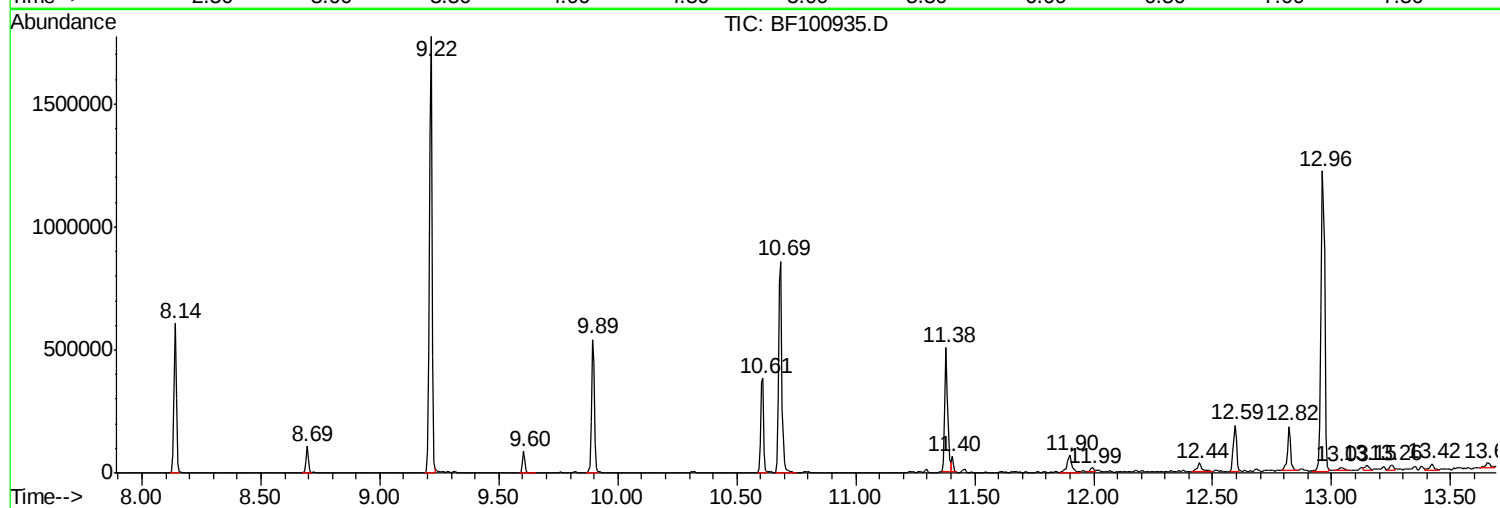
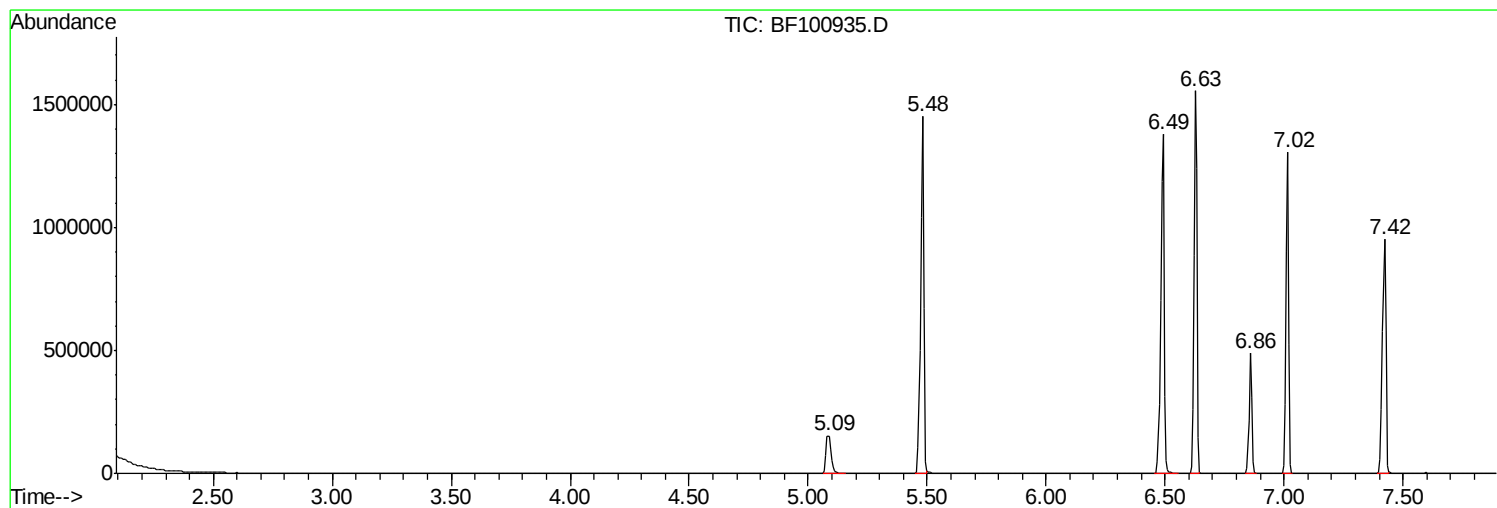
Sum of corrected areas: 14686297

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112817\
Data File : BF100935.D
Acq On : 28 Nov 2017 15:48
Operator : SJ/JU
Sample : I6579-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HAR-4-E(0-1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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\BF112817\
Data File : BF100935.D
Acq On : 28 Nov 2017 15:48
Operator : SJ/JU
Sample : I6579-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HAR-4-E(0-1)

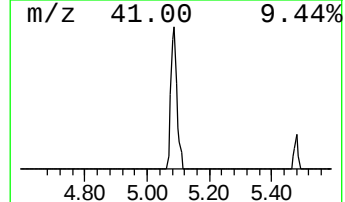
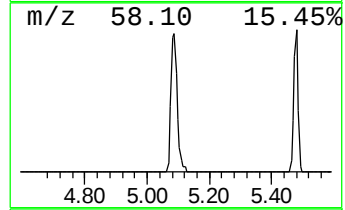
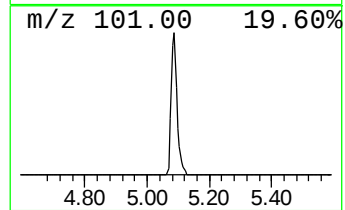
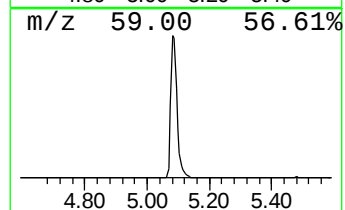
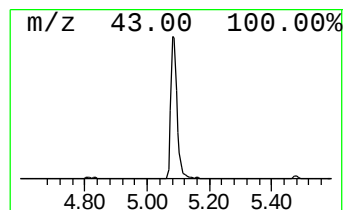
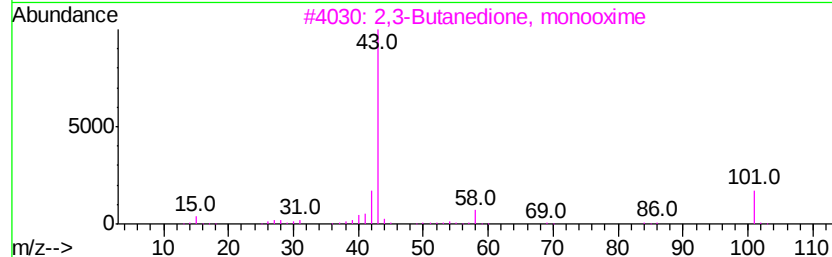
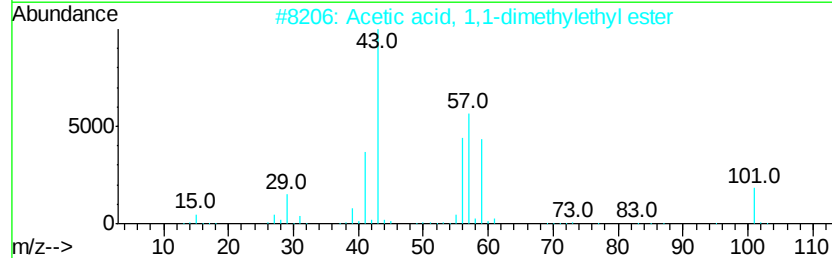
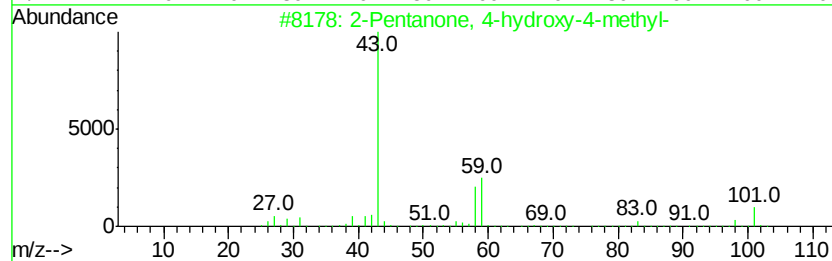
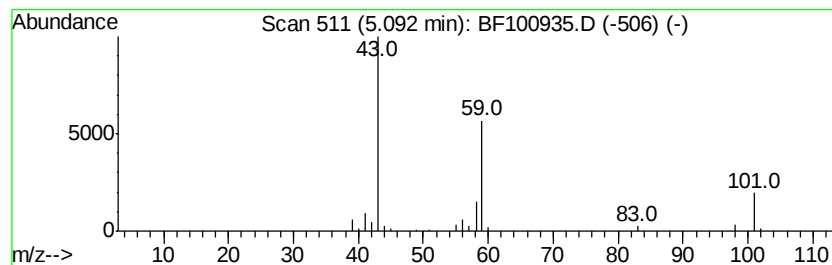
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.09	10.73 ng	205331	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4		3-Hexanol	102	C6H14O	000623-37-0	28
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112817\
Data File : BF100935.D
Acq On : 28 Nov 2017 15:48
Operator : SJ/JU
Sample : I6579-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HAR-4-E(0-1)

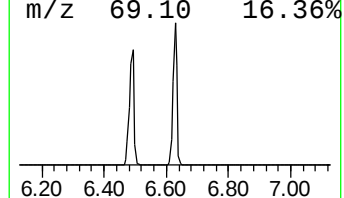
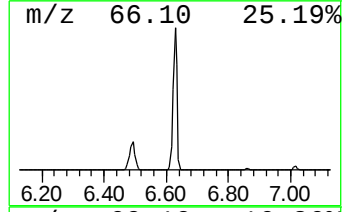
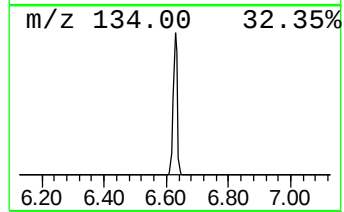
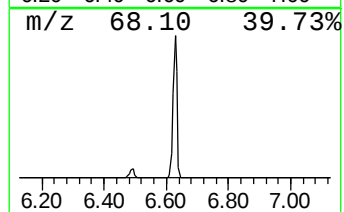
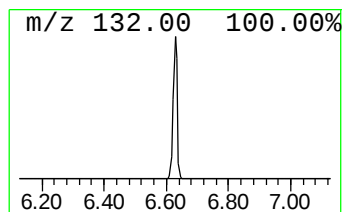
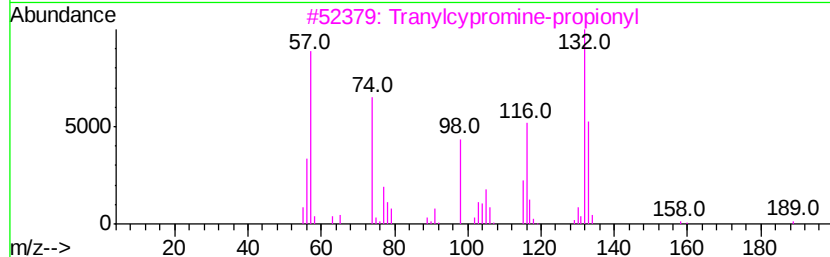
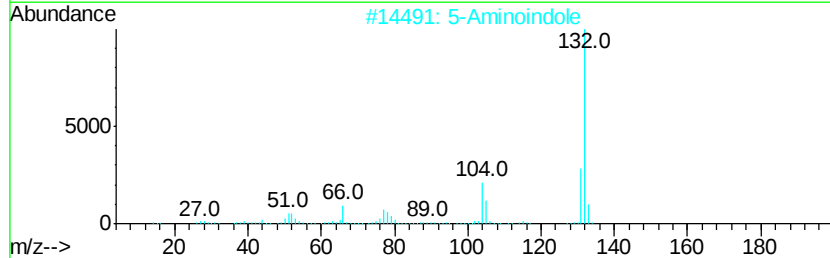
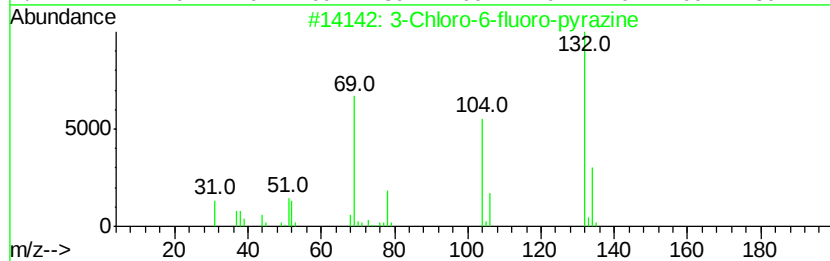
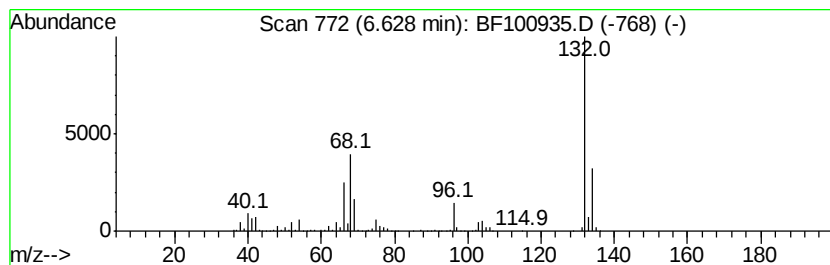
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	75.80 ng	1450310	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112817\
Data File : BF100935.D
Acq On : 28 Nov 2017 15:48
Operator : SJ/JU
Sample : I6579-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HAR-4-E(0-1)

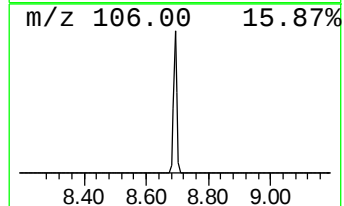
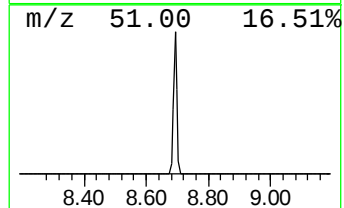
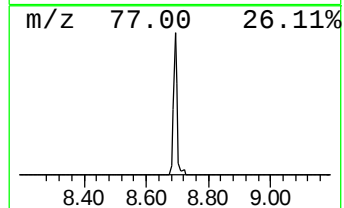
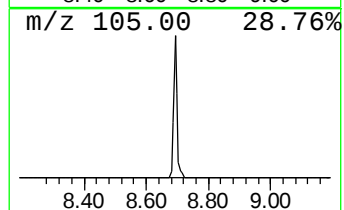
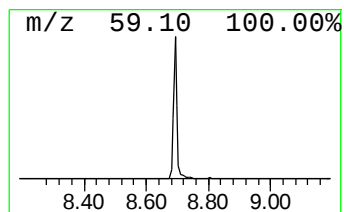
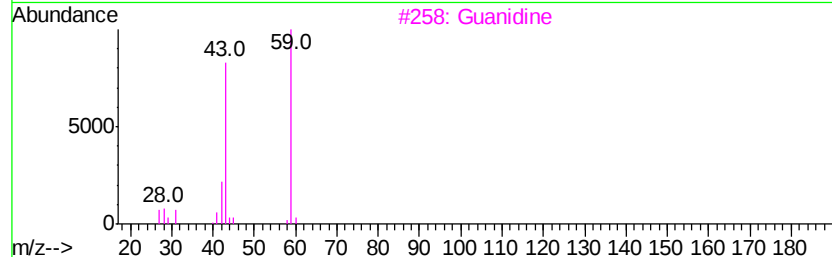
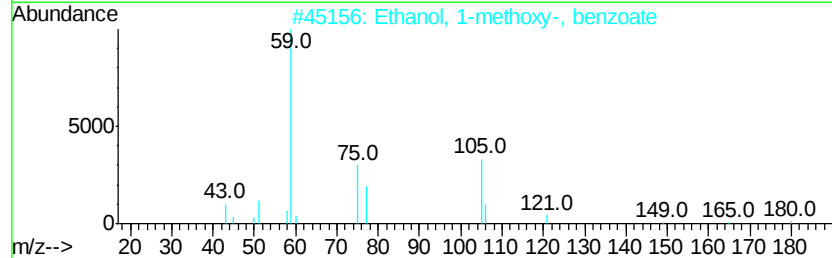
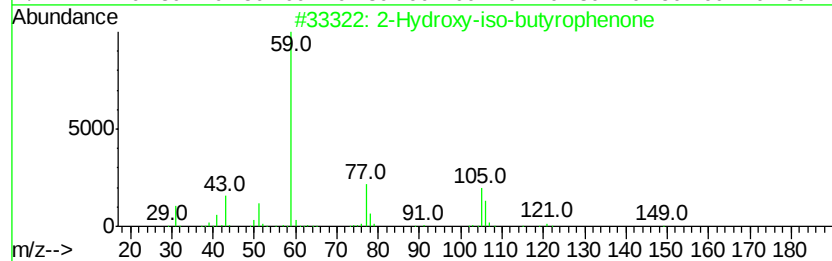
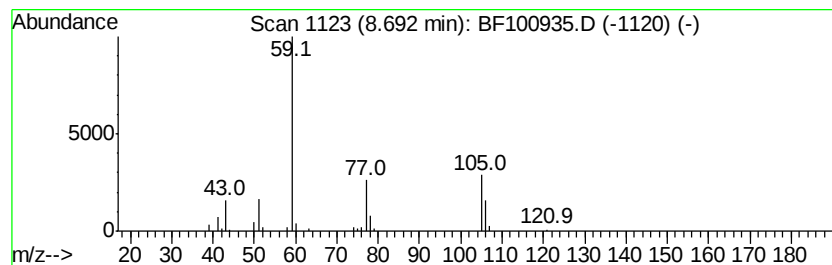
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 2-Hydroxy-iso-butyrophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	3.33 ng	80532	Napthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	90
2		Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	72
3		Guanidine	59	CH5N3	000113-00-8	7
4		Formamide, N-methyl-	59	C2H5NO	000123-39-7	5
5		Acetamide	59	C2H5NO	000060-35-5	5



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112817\
Data File : BF100935.D
Acq On : 28 Nov 2017 15:48
Operator : SJ/JU
Sample : I6579-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

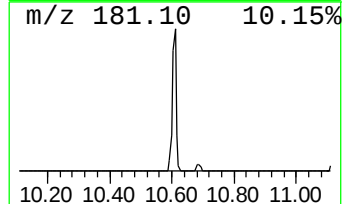
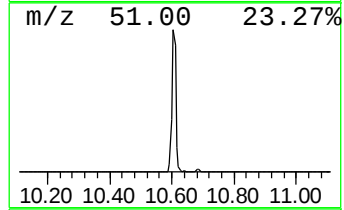
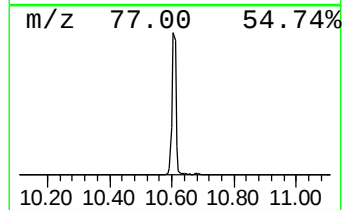
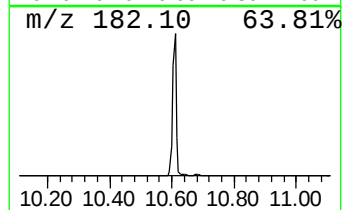
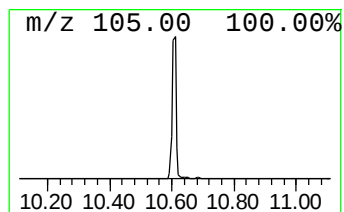
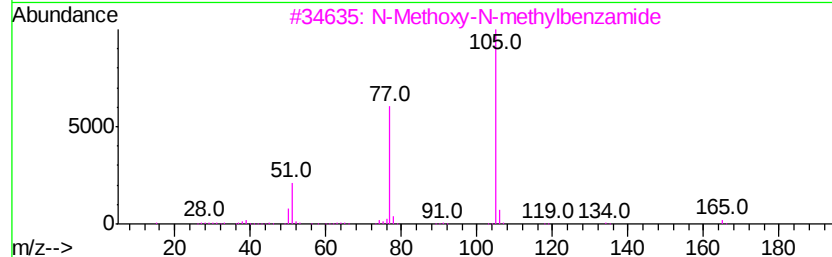
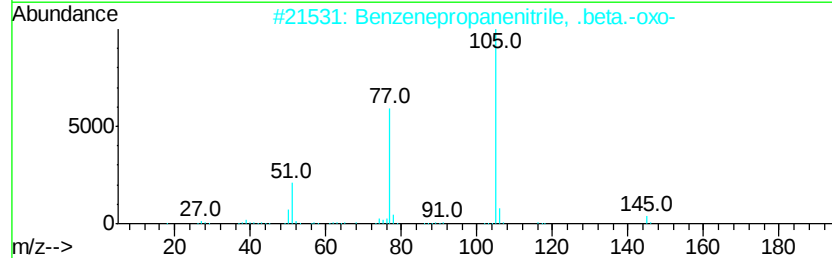
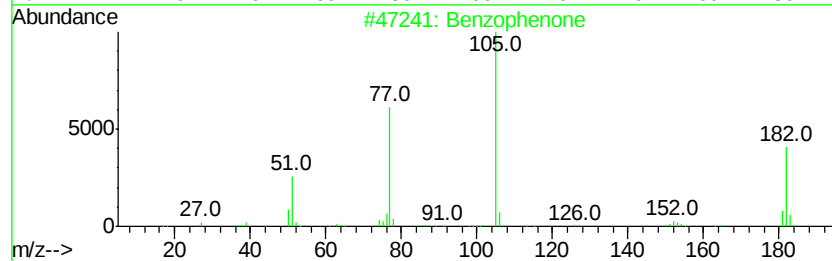
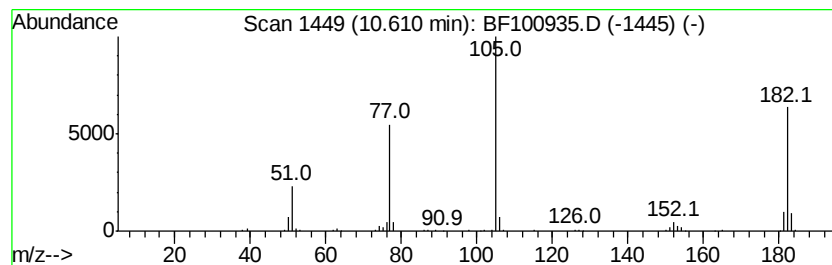
Instrument :
BNA_F
ClientSampleId :
HAR-4-E(0-1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	14.23 ng	344475	Acenaphthene-d10	9.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzophenone	182 C13H10O	000119-61-9 97
2		Benzenepropanenitrile, .beta.-oxo-	145 C9H7NO	000614-16-4 47
3		N-Methoxy-N-methylbenzamide	165 C9H11NO2	006919-61-5 47
4		1-Propanone, 2-bromo-1-phenyl-	212 C9H9BrO	002114-00-3 47
5		Benzenebutanoic acid, .gamma.-oxo-	178 C10H10O3	002051-95-8 47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112817\
Data File : BF100935.D
Acq On : 28 Nov 2017 15:48
Operator : SJ/JU
Sample : I6579-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HAR-4-E(0-1)

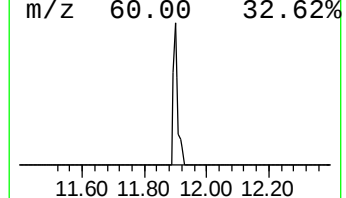
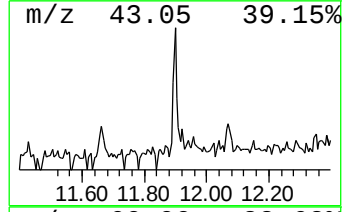
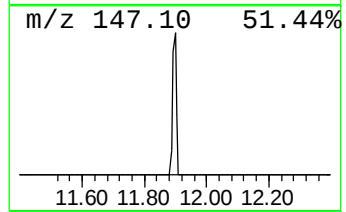
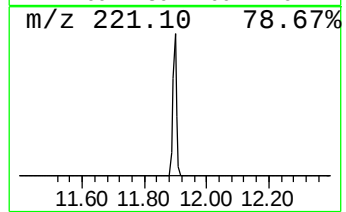
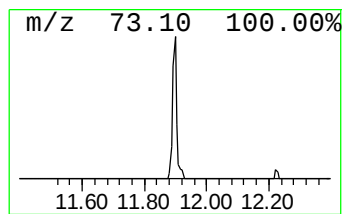
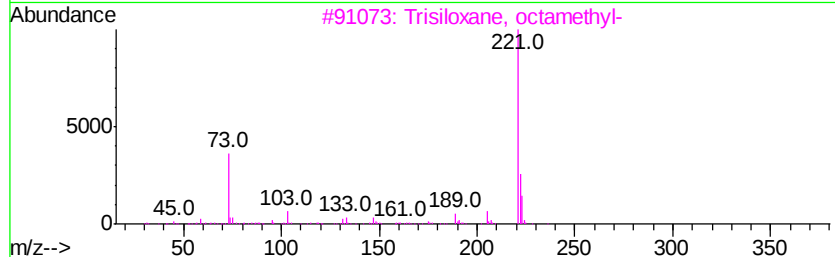
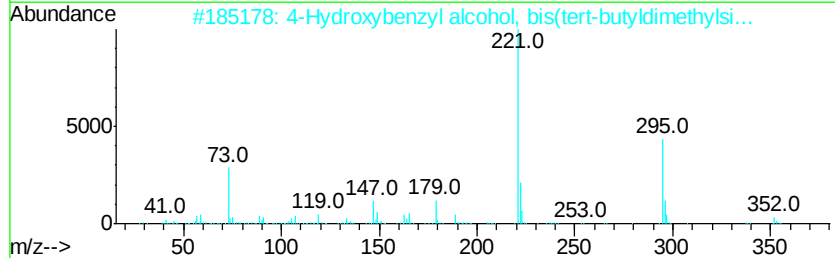
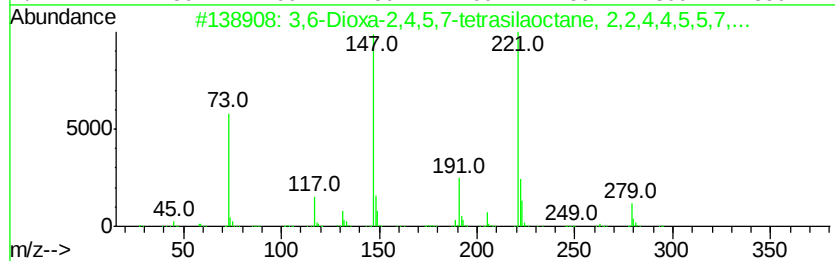
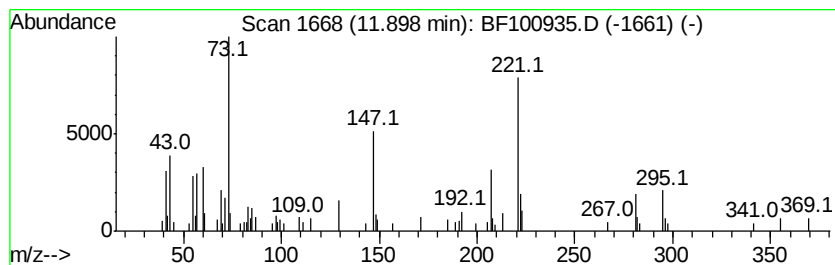
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tris(trimethylsilyl)borate1... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	3.96 ng	82929	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	47
2		4-Hydroxybenzyl alcohol, bis(ter...	352	C19H36O2Si2	1000364-43-9	38
3		Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	32
4		2-tert-Butyl-6-methylphenol, tri...	236	C14H24OSi	1000333-48-3	32
5		Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112817\
Data File : BF100935.D
Acq On : 28 Nov 2017 15:48
Operator : SJ/JU
Sample : I6579-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HAR-4-E(0-1)

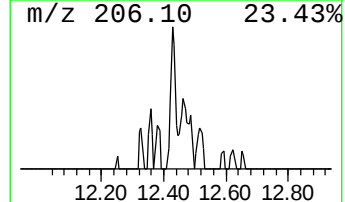
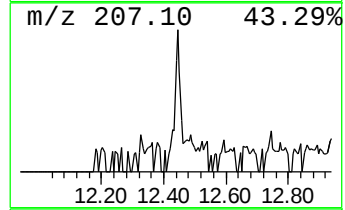
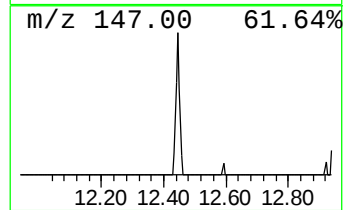
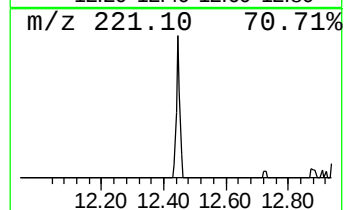
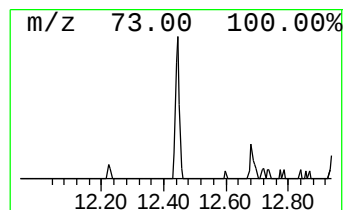
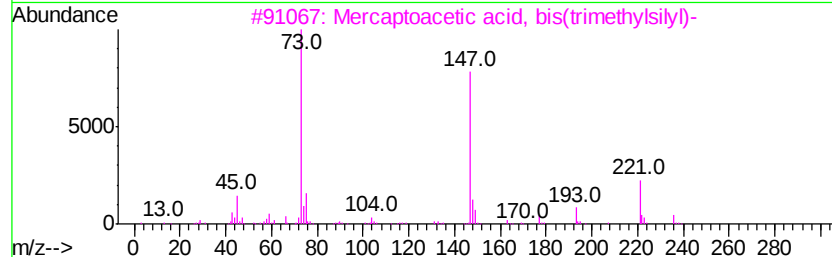
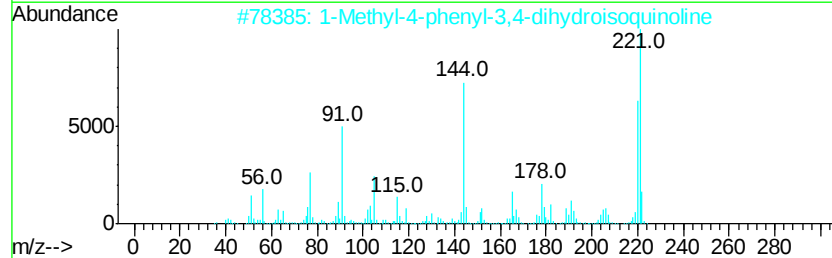
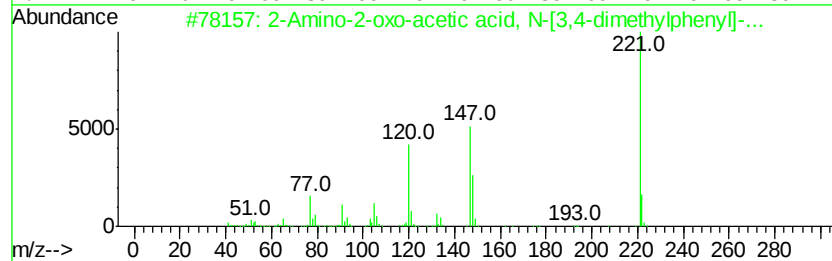
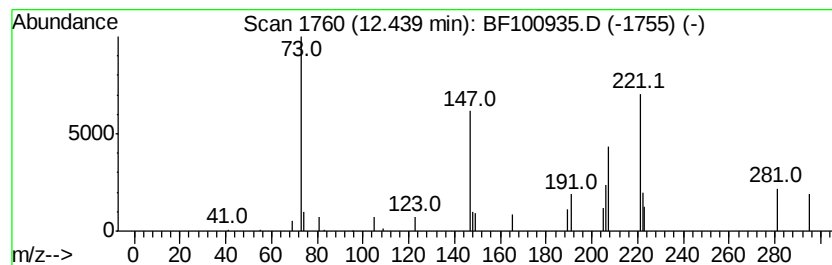
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown12.44 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	2.48 ng	51829	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Amino-2-oxo-acetic acid, N-[3,...	221	C12H15N03	024451-17-0	43
2		1-Methyl-4-phenyl-3,4-dihydroiso...	221	C16H15N	1000211-01-5	38
3		Mercaptoacetic acid, bis(trimeth...	236	C8H2002SSi2	006398-62-5	37
4		Trisiloxane, octamethyl-	236	C8H2402Si3	000107-51-7	35
5		4-Hydroxybenzyl alcohol, bis(ter...	352	C19H3602Si2	1000364-43-9	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112817\
Data File : BF100935.D
Acq On : 28 Nov 2017 15:48
Operator : SJ/JU
Sample : I6579-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HAR-4-E(0-1)

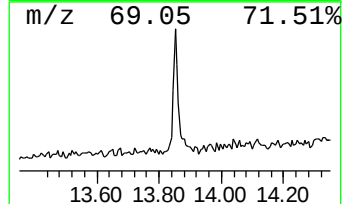
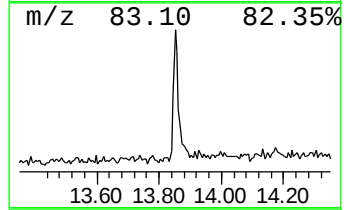
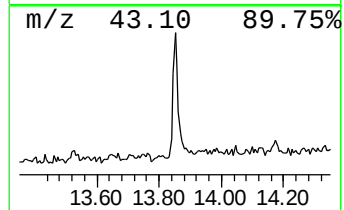
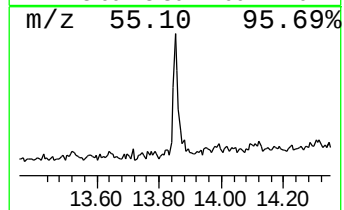
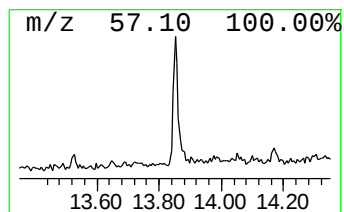
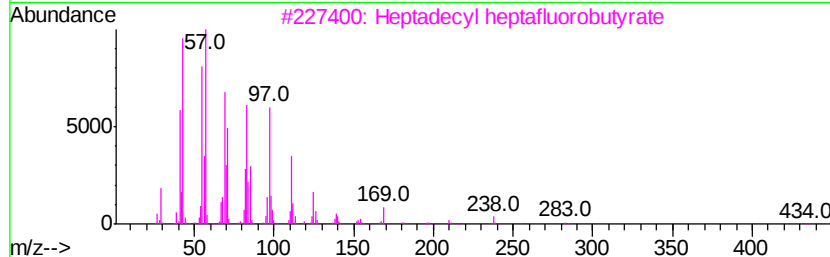
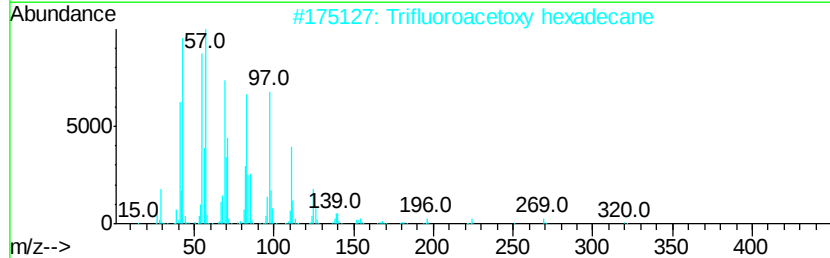
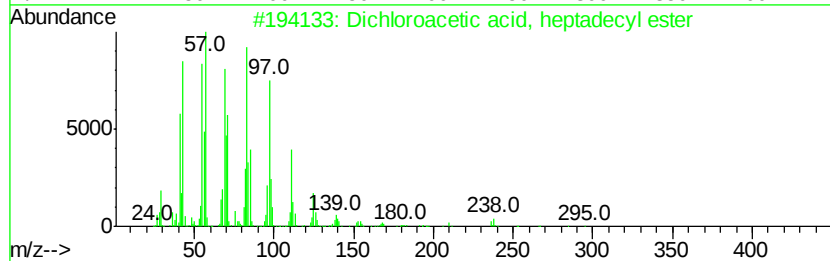
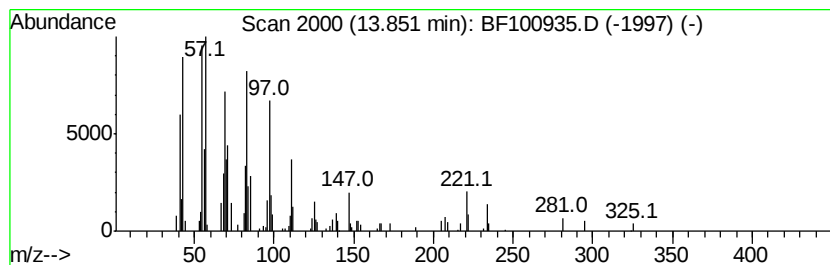
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dichloroacetic acid, heptad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	4.97 ng	145602	Chrysene-d12	14.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
3		Heptadecyl heptafluorobutrate	452	C21H35F7O2	959085-66-6	92
4		1-Heneicosanol	312	C21H44O	015594-90-8	90
5		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112817\
Data File : BF100935.D
Acq On : 28 Nov 2017 15:48
Operator : SJ/JU
Sample : I6579-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

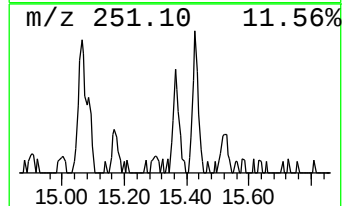
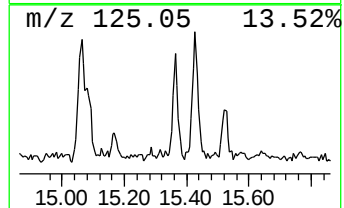
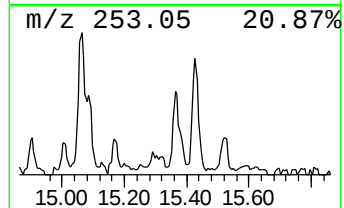
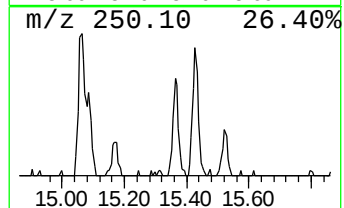
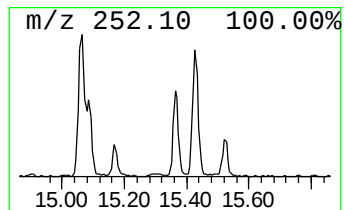
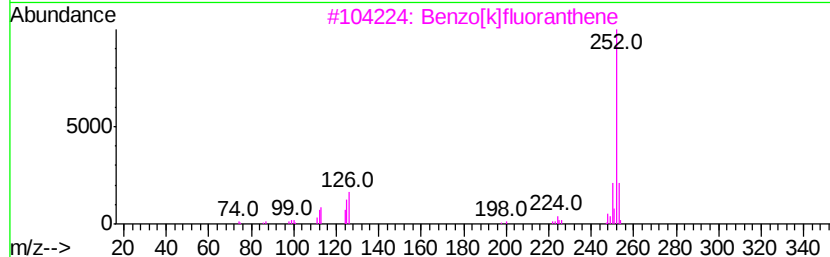
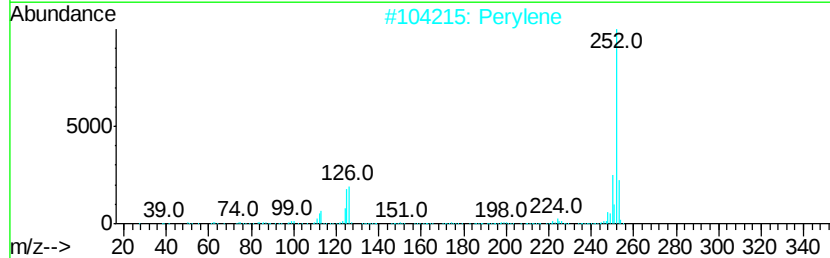
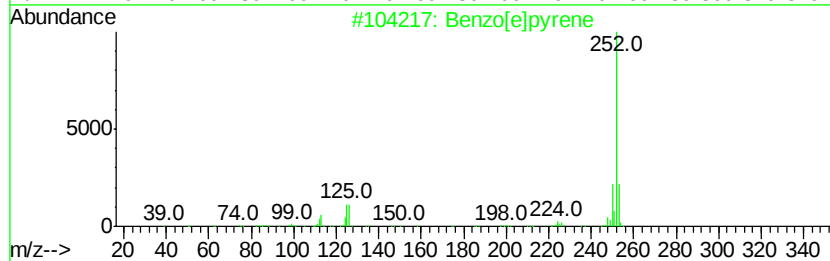
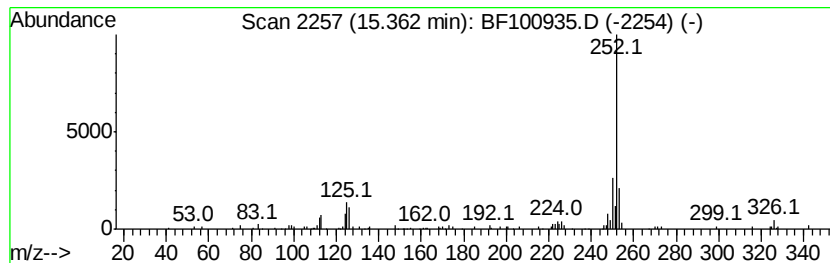
Instrument :
BNA_F
ClientSampleId :
HAR-4-E(0-1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.36	4.00 ng	85408	Perylene-d12	15.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112817\
Data File : BF100935.D
Acq On : 28 Nov 2017 15:48
Operator : SJ/JU
Sample : I6579-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HAR-4-E(0-1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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...	5.09	10.7	ng	205331	1	6.86	382652	20.0
unknown6.63	6.63	75.8	ng	1450310	1	6.86	382652	20.0
2-Hydroxy-iso-but...	8.69	3.3	ng	80532	2	8.14	483130	20.0
Benzophenone	10.61	14.2	ng	344475	3	9.89	484179	20.0
Tris(trimethylsil...	11.90	4.0	ng	82929	4	11.38	418670	20.0
unknown12.44	12.44	2.5	ng	51829	4	11.38	418670	20.0
Dichloroacetic ac...	13.85	5.0	ng	145602	5	14.02	586332	20.0
Benzo[e]pyrene	15.36	4.0	ng	85408	6	15.49	426589	20.0