

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF091317\
 Data File : BF098507.D
 Acq On : 13 Sep 2017 23:32
 Operator : SJ/JU
 Sample : I5160-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-7-1

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-BF091117.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	4.851	467	470	486	rBV	244228	413670	8.10%	0.953%
2	5.275	537	542	557	rBV	4752310	4944859	96.84%	11.391%
3	6.316	714	719	734	rBV	4420250	5106026	100.00%	11.763%
4	6.434	734	739	742	rBV	4923052	4678711	91.63%	10.778%
5	6.657	773	777	784	rVB	1205776	1043295	20.43%	2.403%
6	6.810	799	803	807	rBV	3597606	3462669	67.82%	7.977%
7	7.228	869	874	877	rBV	2882576	2717079	53.21%	6.259%
8	7.939	991	995	998	rBV	1600483	1342311	26.29%	3.092%
9	8.498	1086	1090	1094	rBV	278017	250782	4.91%	0.578%
10	9.016	1172	1178	1181	rBV	4620330	4153392	81.34%	9.568%
11	9.410	1241	1245	1252	rVB	703944	591173	11.58%	1.362%
12	9.551	1265	1269	1272	rBV	72952	62208	1.22%	0.143%
13	9.686	1284	1292	1296	rBV	1449049	1327171	25.99%	3.057%
14	10.404	1409	1414	1417	rBV	797568	750289	14.69%	1.728%
15	10.480	1422	1427	1430	rBV	2001064	1905264	37.31%	4.389%
16	10.604	1443	1448	1454	rVB4	42571	63027	1.23%	0.145%
17	11.169	1540	1544	1546	rBV	1286291	1068148	20.92%	2.461%
18	11.192	1546	1548	1551	rVV	438028	333882	6.54%	0.769%
19	11.245	1551	1557	1560	rVB	161987	154555	3.03%	0.356%
20	11.404	1579	1584	1592	rBV2	41888	69252	1.36%	0.160%
21	11.669	1625	1629	1632	rBV	58035	58426	1.14%	0.135%
22	11.698	1632	1634	1639	rVB	75350	63988	1.25%	0.147%
23	11.780	1645	1648	1650	rBV	94199	87925	1.72%	0.203%
24	12.110	1699	1704	1708	rBV3	70159	76243	1.49%	0.176%
25	12.216	1719	1722	1726	rBV	53232	59757	1.17%	0.138%
26	12.257	1726	1729	1734	rVB5	46904	67626	1.32%	0.156%
27	12.380	1746	1750	1754	rBV	559039	519994	10.18%	1.198%
28	12.604	1781	1788	1791	rBV	563057	613029	12.01%	1.412%
29	12.657	1794	1797	1802	rVB3	45169	61175	1.20%	0.141%
30	12.751	1809	1813	1820	rVB	2830951	2695068	52.78%	6.209%
31	12.827	1822	1826	1830	rBV3	41625	66492	1.30%	0.153%
32	12.933	1837	1844	1847	rBV2	72399	125012	2.45%	0.288%
33	13.039	1858	1862	1864	rBV	74586	84140	1.65%	0.194%
34	13.239	1893	1896	1901	rVB3	72183	89156	1.75%	0.205%

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098507.D
Acq On : 13 Sep 2017 23:32
Operator : SJ/JU
Sample : I5160-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-7-1

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-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.445	1928	1931	1938	rVB	73494	80247	1.57%	0.185%
36	13.651	1963	1966	1970	rBV2	278379	289467	5.67%	0.667%
37	13.804	1987	1992	1994	rBV2	1212915	1316826	25.79%	3.034%
38	13.827	1994	1996	2004	rVB	329869	302533	5.93%	0.697%
39	13.904	2005	2009	2011	rBV3	89994	97513	1.91%	0.225%
40	14.192	2055	2058	2061	rVB	96433	88200	1.73%	0.203%
41	14.268	2067	2071	2072	rBV3	54768	74578	1.46%	0.172%
42	14.604	2126	2128	2131	rVB4	61995	54470	1.07%	0.125%
43	14.810	2159	2163	2166	rBV	341547	470069	9.21%	1.083%
44	15.086	2207	2210	2216	rVB	198019	229660	4.50%	0.529%
45	15.145	2216	2220	2225	rBV	245659	279595	5.48%	0.644%
46	15.204	2225	2230	2237	rVV	723075	892461	17.48%	2.056%
47	16.533	2453	2456	2464	rBV3	74167	127199	2.49%	0.293%

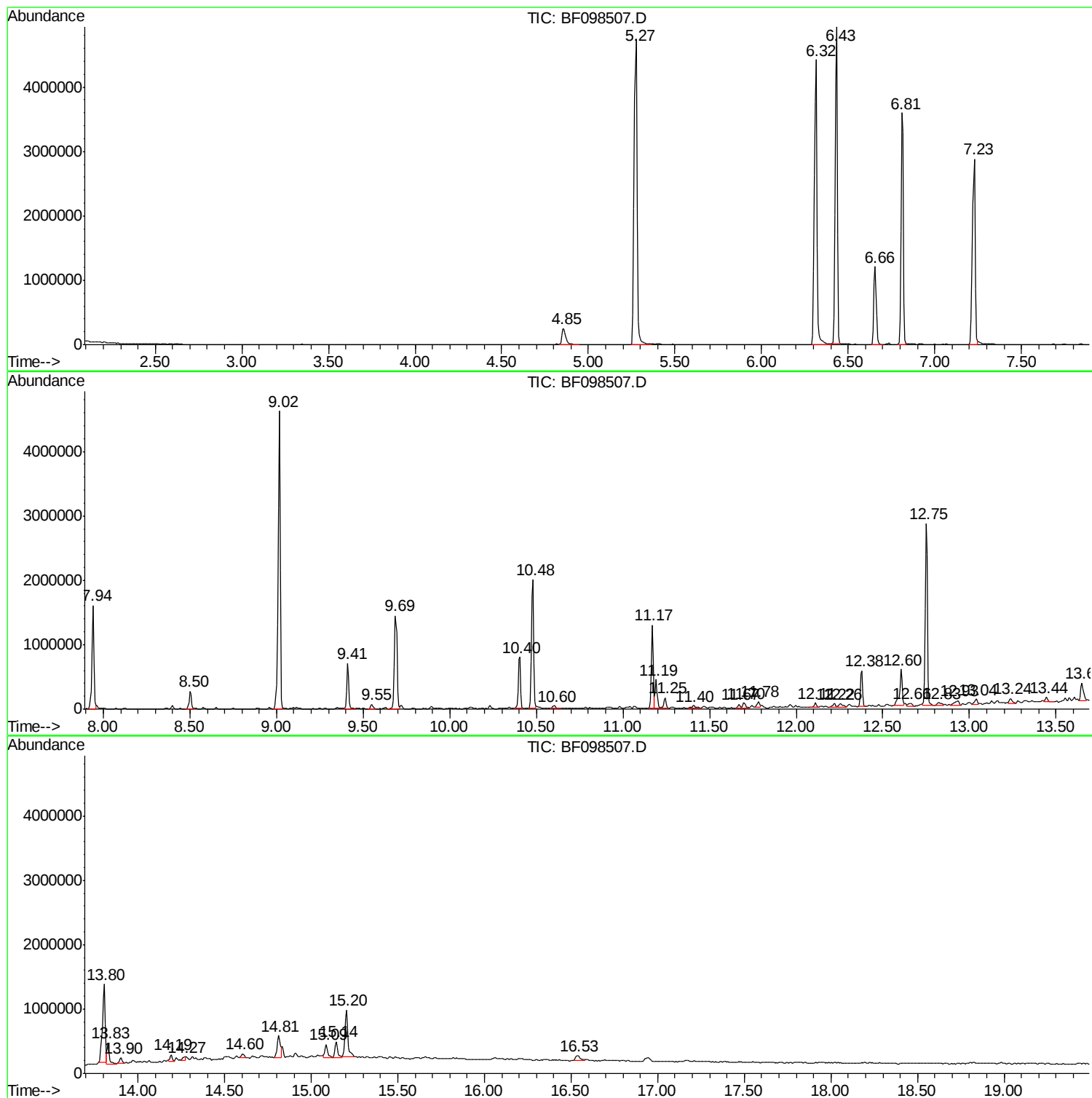
Sum of corrected areas: 43408612

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098507.D
Acq On : 13 Sep 2017 23:32
Operator : SJ/JU
Sample : I5160-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-7-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098507.D
Acq On : 13 Sep 2017 23:32
Operator : SJ/JU
Sample : I5160-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-7-1

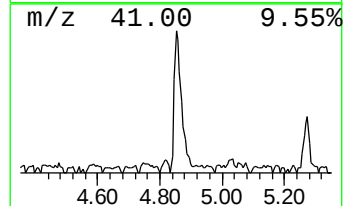
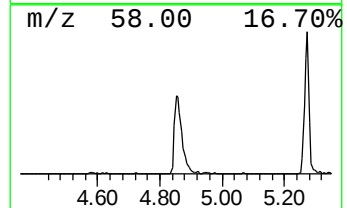
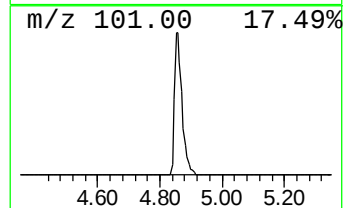
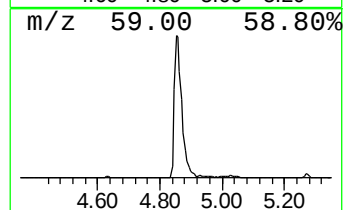
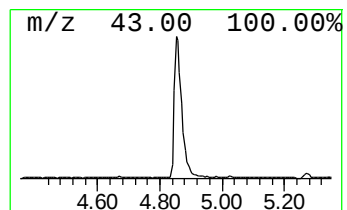
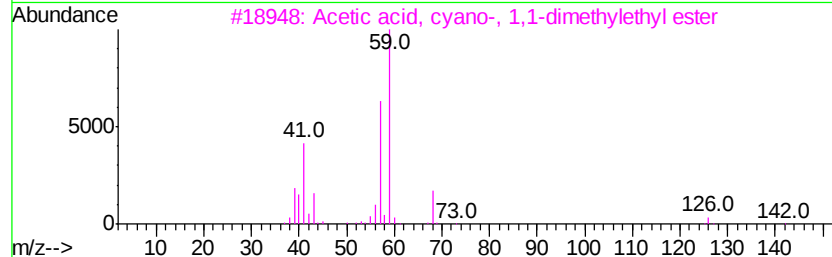
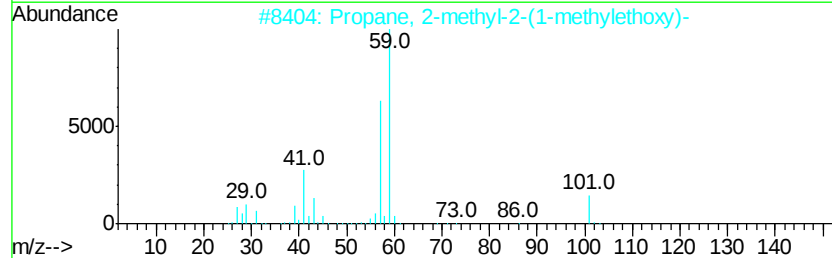
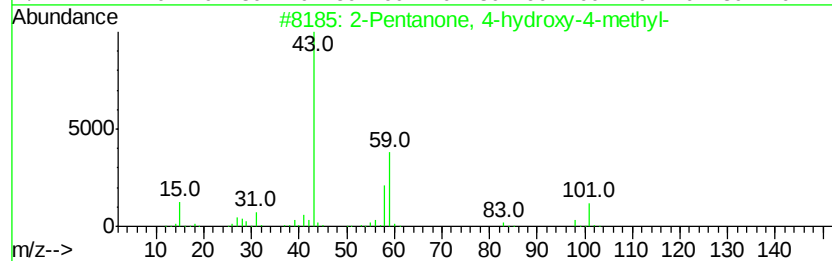
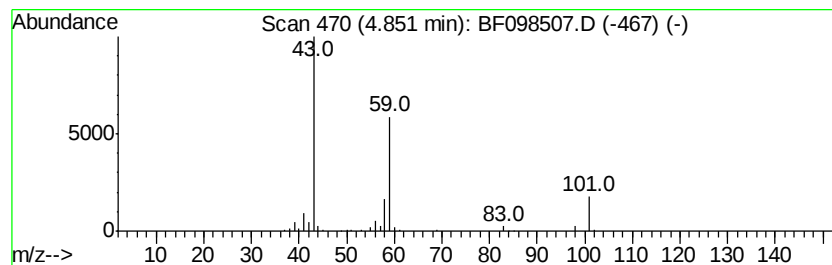
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.85	7.93 ng	413670	1,4-Dichlorobenzene-d4	6.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098507.D
Acq On : 13 Sep 2017 23:32
Operator : SJ/JU
Sample : I5160-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-7-1

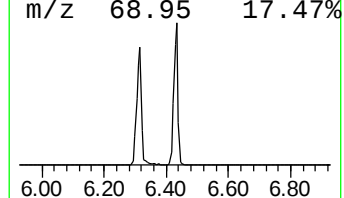
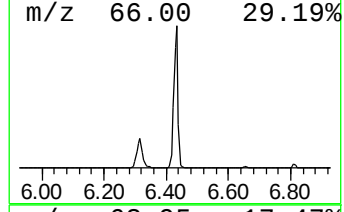
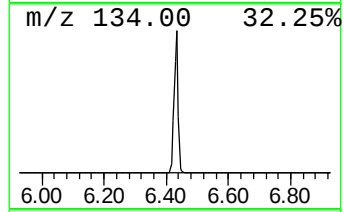
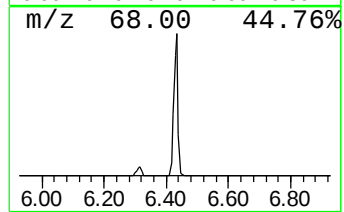
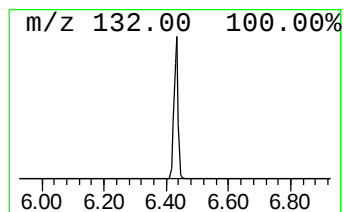
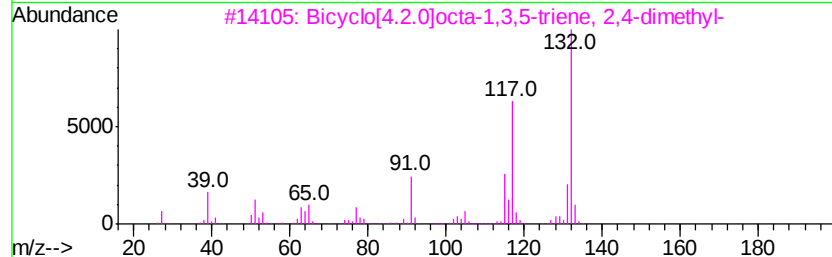
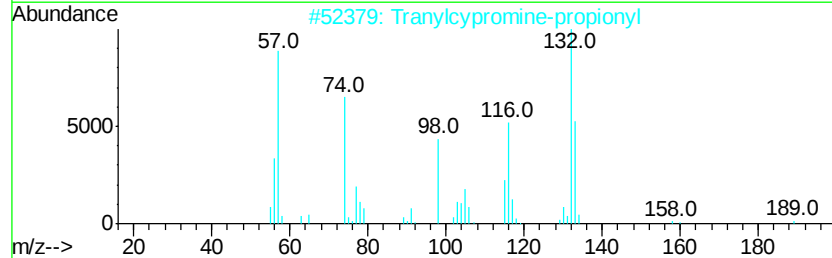
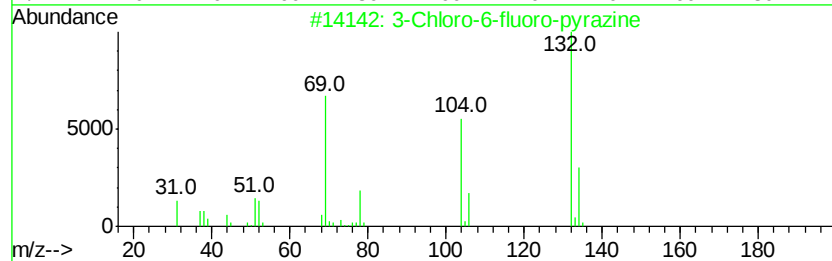
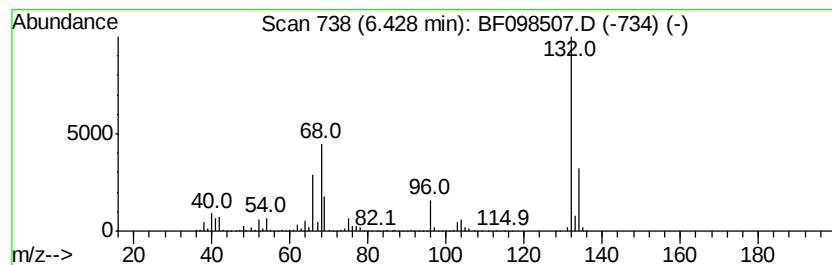
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.43 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	89.69 ng	4678710	1,4-Dichlorobenzene-d4	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098507.D
Acq On : 13 Sep 2017 23:32
Operator : SJ/JU
Sample : I5160-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-7-1

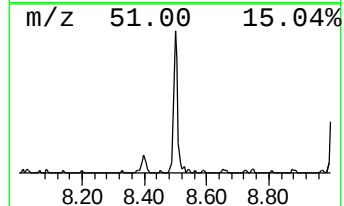
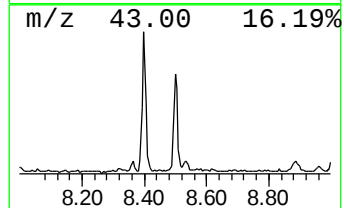
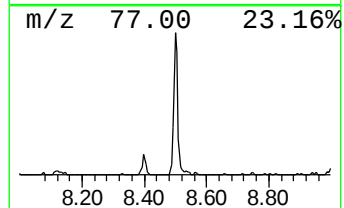
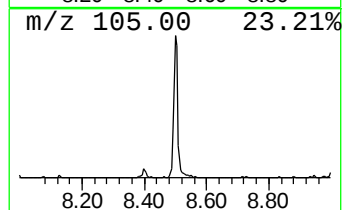
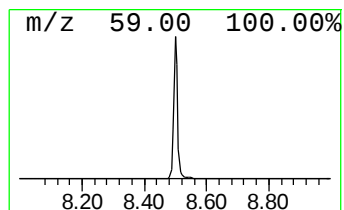
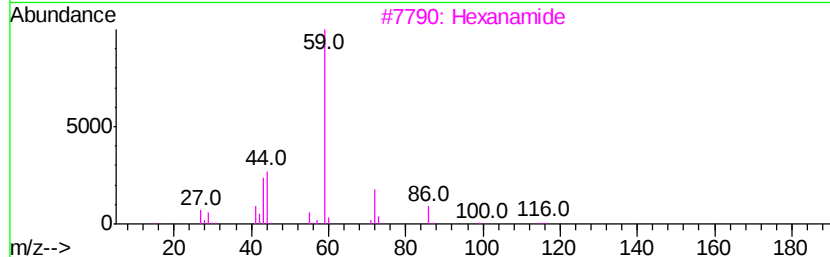
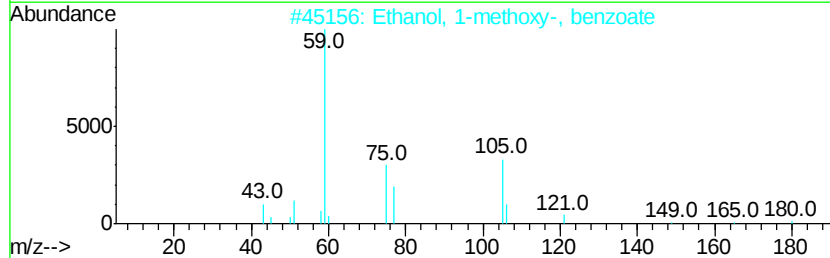
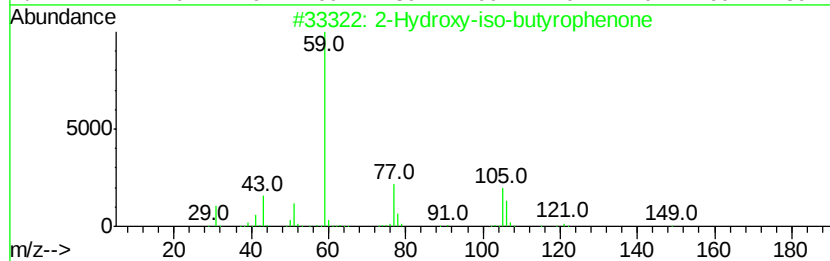
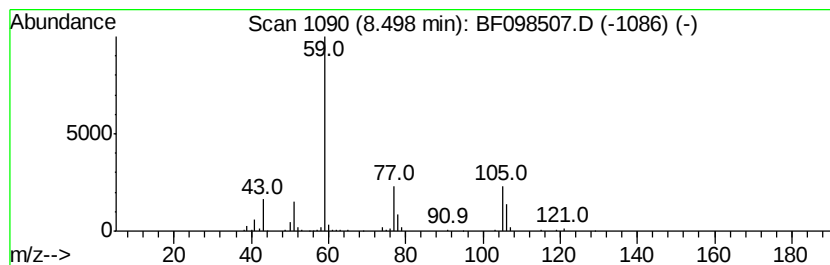
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 2-Hydroxy-iso-butyrophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	3.74 ng	250782	Napthalene-d8	7.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	90
2			Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	72
3			Hexanamide	115	C6H13NO	000628-02-4	9
4			Propanoic acid, 2-hydroxy-2-meth...	132	C6H12O3	000080-55-7	9
5			Guanidine	59	CH5N3	000113-00-8	7



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098507.D
Acq On : 13 Sep 2017 23:32
Operator : SJ/JU
Sample : I5160-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-7-1

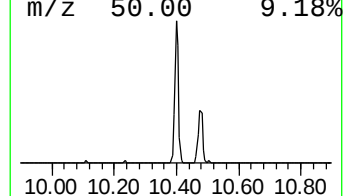
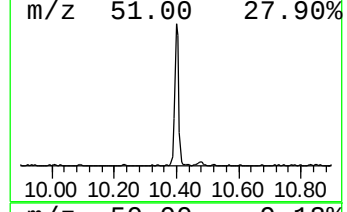
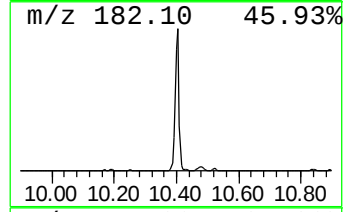
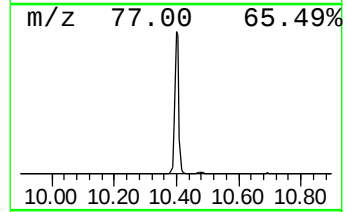
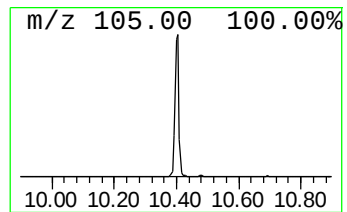
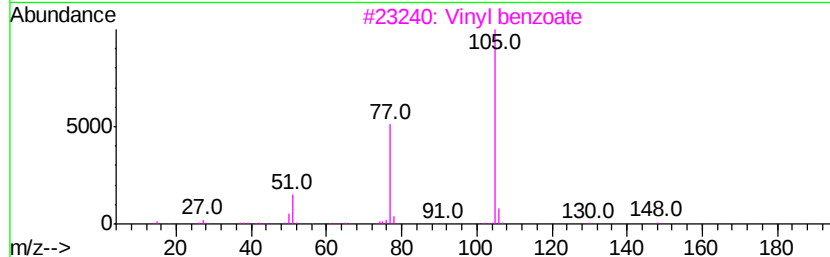
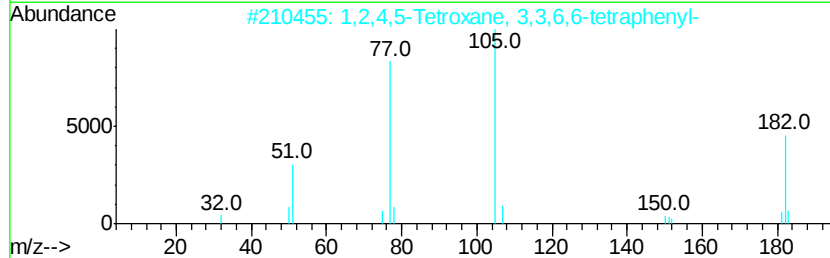
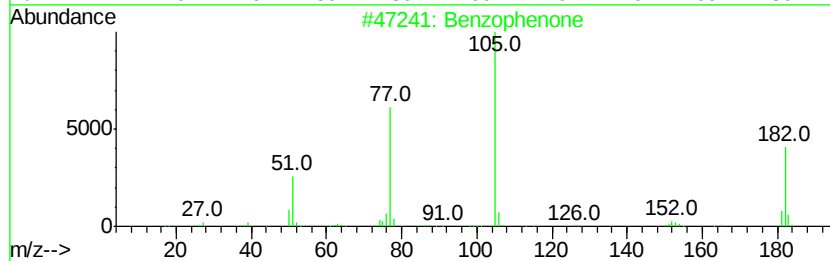
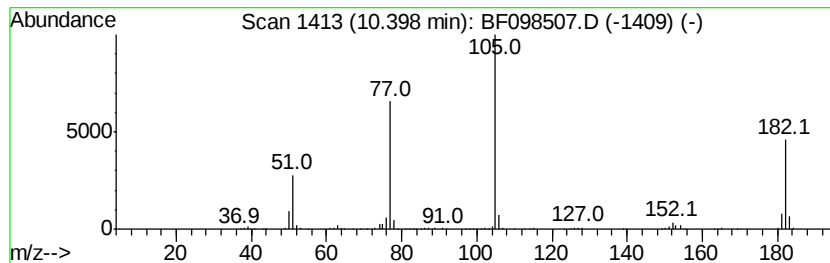
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
10.40	11.31 ng	750289	Acenaphthene-d10	9.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzophenone	182	C13H10O	000119-61-9	97
2		1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3		Vinyl benzoate	148	C9H8O2	000769-78-8	47
4		Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5		1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098507.D
Acq On : 13 Sep 2017 23:32
Operator : SJ/JU
Sample : I5160-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-7-1

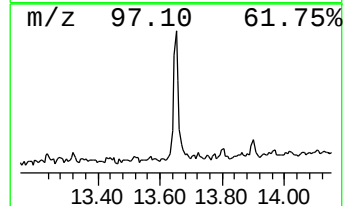
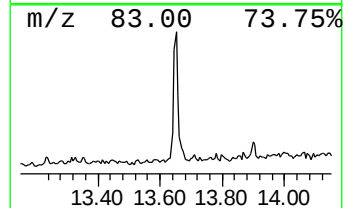
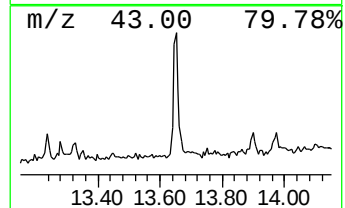
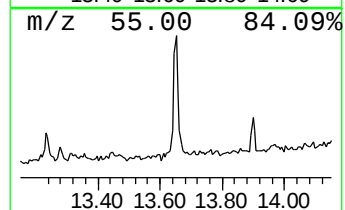
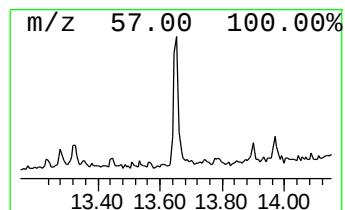
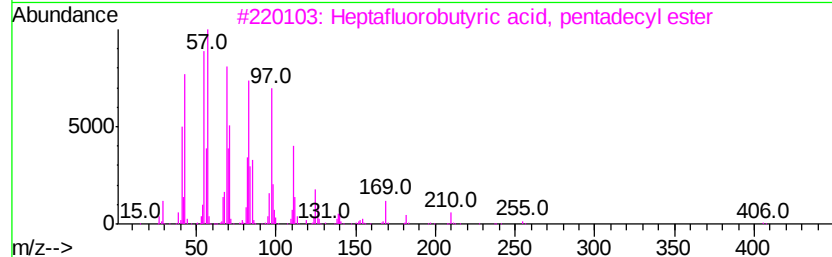
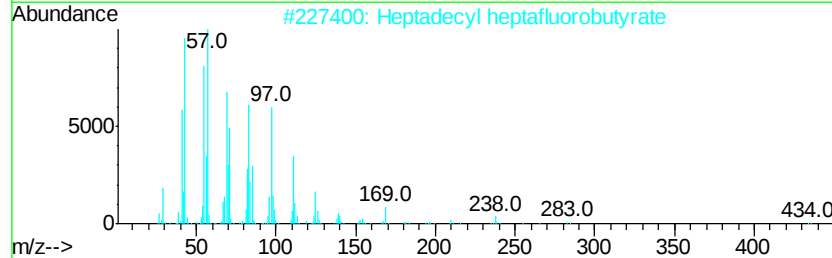
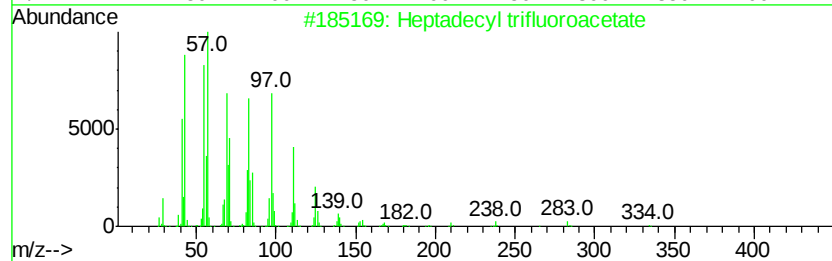
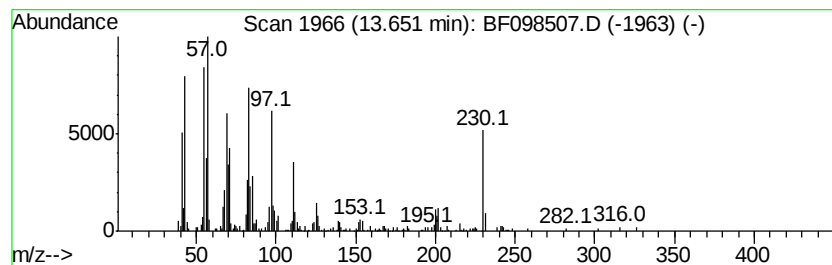
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptadecyl trifluoroacetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	4.40 ng	289467	Chrysene-d12	13.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
3		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098507.D
Acq On : 13 Sep 2017 23:32
Operator : SJ/JU
Sample : I5160-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-7-1

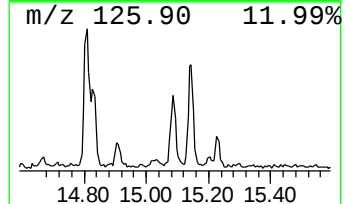
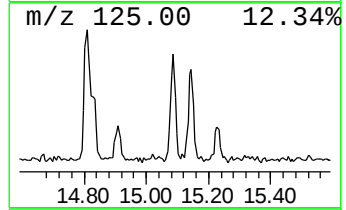
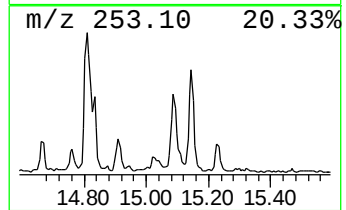
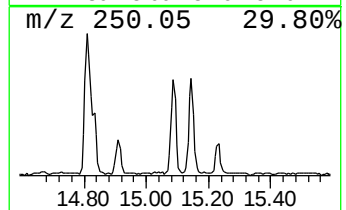
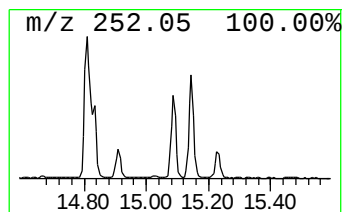
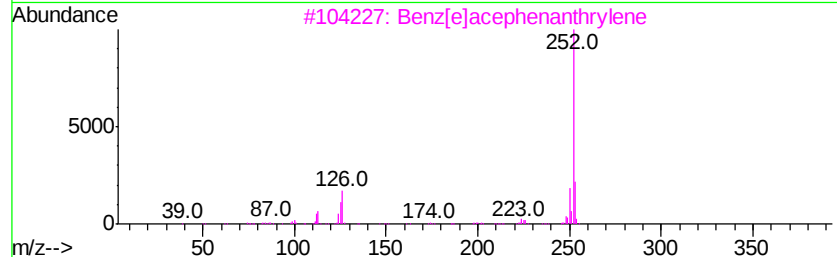
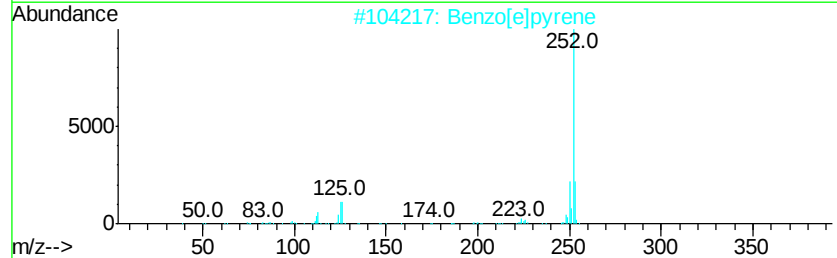
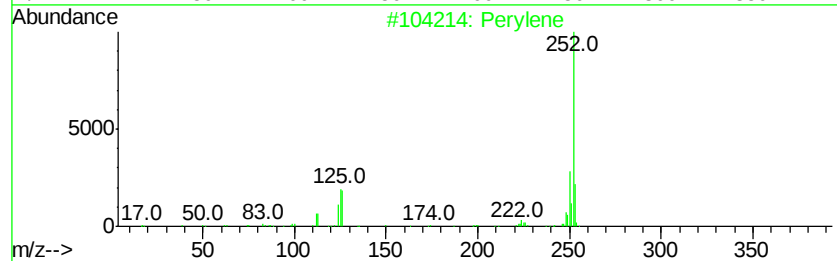
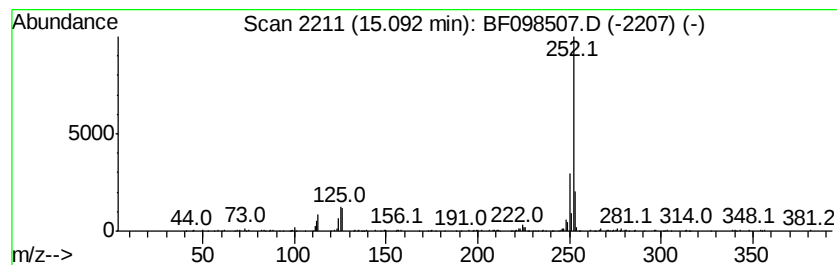
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	5.15 ng	229660	Perylene-d12	15.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Perylene	252	C20H12	000198-55-0	99
2		Benzo[el]pyrene	252	C20H12	000192-97-2	97
3		Benzo[el]acephenanthrylene	252	C20H12	000205-99-2	97
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	89



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF091317\
Data File : BF098507.D
Acq On : 13 Sep 2017 23:32
Operator : SJ/JU
Sample : I5160-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-7-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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...	4.85	7.9	ng	413670	1	6.66	1043300	20.0
unknown6.43	6.43	89.7	ng	4678710	1	6.66	1043300	20.0
2-Hydroxy-iso-but...	8.50	3.7	ng	250782	2	7.94	1342310	20.0
Benzophenone	10.40	11.3	ng	750289	3	9.69	1327170	20.0
Heptadecyl triflu...	13.65	4.4	ng	289467	5	13.80	1316830	20.0
Perylene	15.09	5.2	ng	229660	6	15.20	892461	20.0