

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100934.D
 Acq On : 28 Nov 2017 15:22
 Operator : SJ/JU
 Sample : I6578-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BBR-2-E(7-8)

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	520	rBV	153697	195131	12.61%	1.370%
2	5.481	572	577	580	rBV	1407127	1307227	84.44%	9.176%
3	6.492	743	749	761	rBV	1253630	1319899	85.26%	9.265%
4	6.628	768	772	775	rBV	1433335	1356207	87.61%	9.519%
5	6.857	808	811	815	rVB	483885	381595	24.65%	2.678%
6	7.016	834	838	841	rBV	1296182	1086394	70.18%	7.626%
7	7.422	902	907	910	rBV	884498	795433	51.38%	5.583%
8	8.139	1025	1029	1032	rBV	580685	464292	29.99%	3.259%
9	8.692	1120	1123	1126	rBV	86931	64730	4.18%	0.454%
10	9.216	1207	1212	1215	rBV	1839478	1548032	100.00%	10.866%
11	9.604	1275	1278	1284	rBV	63021	45083	2.91%	0.316%
12	9.892	1323	1327	1331	rBV2	511645	454490	29.36%	3.190%
13	10.604	1444	1448	1452	rBV	314173	263510	17.02%	1.850%
14	10.680	1457	1461	1465	rBV	721183	689636	44.55%	4.841%
15	11.380	1577	1580	1582	rBV	451139	365469	23.61%	2.565%
16	11.404	1582	1584	1588	rVB	108946	82454	5.33%	0.579%
17	11.898	1661	1668	1676	rVB3	25582	59963	3.87%	0.421%
18	11.992	1681	1684	1687	rBV2	19514	23087	1.49%	0.162%
19	12.433	1755	1759	1763	rBV3	11303	21041	1.36%	0.148%
20	12.592	1782	1786	1792	rBV	223291	195645	12.64%	1.373%
21	12.821	1819	1825	1828	rBV	225802	213300	13.78%	1.497%
22	12.963	1845	1849	1852	rBV	1234214	1057139	68.29%	7.420%
23	13.039	1857	1862	1866	rBV4	18255	28183	1.82%	0.198%
24	13.151	1879	1881	1885	rVB	22202	18768	1.21%	0.132%
25	13.251	1894	1898	1902	rBV2	24380	27031	1.75%	0.190%
26	13.657	1964	1967	1971	rVB	27842	25754	1.66%	0.181%
27	13.768	1983	1986	1989	rBV2	18711	18042	1.17%	0.127%
28	13.863	1998	2002	2006	rVB2	39684	67535	4.36%	0.474%
29	13.945	2011	2016	2021	rBV7	9542	18329	1.18%	0.129%
30	14.021	2021	2029	2031	rBV2	517640	575064	37.15%	4.036%
31	14.045	2031	2033	2038	rVB	137738	121878	7.87%	0.855%
32	14.404	2091	2094	2097	rVB	27333	25651	1.66%	0.180%
33	14.439	2097	2100	2102	rBV2	21460	21775	1.41%	0.153%
34	14.474	2104	2106	2107	rBV2	17853	17490	1.13%	0.123%

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BBR-2-E(7-8)

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

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35	14.498	2107	2110	2113	rVV4	16597	29392	1.90%	0.206%
36	14.533	2113	2116	2118	rVV3	18921	21515	1.39%	0.151%
37	14.810	2155	2163	2164	rBV8	25393	53165	3.43%	0.373%
38	15.062	2201	2206	2209	rBV	140737	219722	14.19%	1.542%
39	15.168	2221	2224	2228	rVB	33430	38541	2.49%	0.271%
40	15.362	2253	2257	2264	rVB	82803	121013	7.82%	0.849%
41	15.427	2264	2268	2272	rBV	116203	155376	10.04%	1.091%
42	15.492	2274	2279	2283	rBV2	352238	438618	28.33%	3.079%
43	16.962	2524	2529	2536	rVB2	52291	100181	6.47%	0.703%
44	17.192	2565	2568	2576	rVB8	13478	27711	1.79%	0.195%
45	17.409	2599	2605	2614	rVB2	37660	86274	5.57%	0.606%

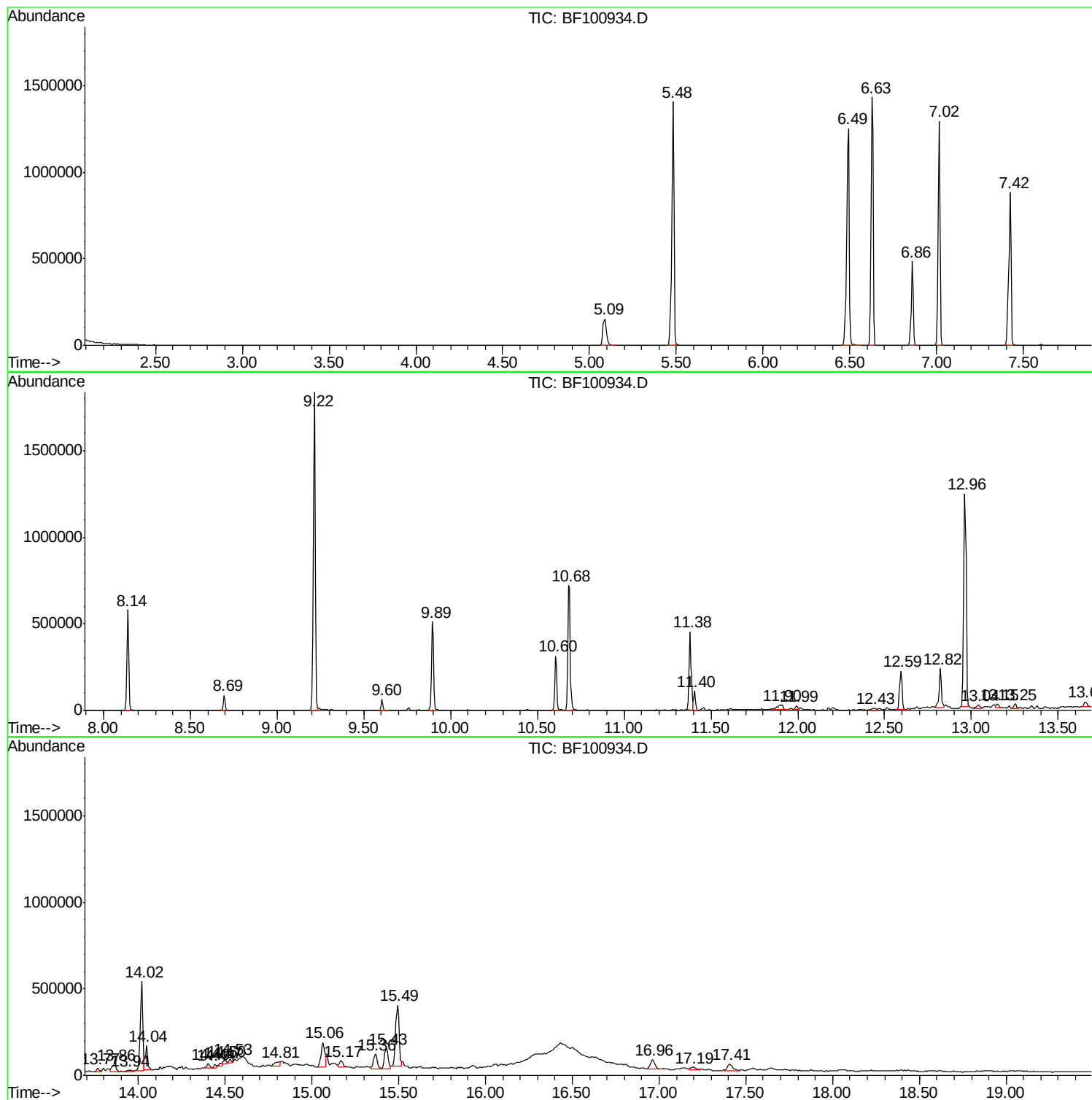
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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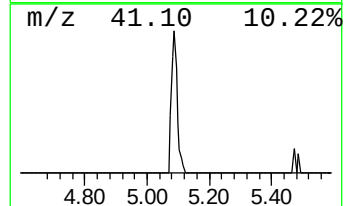
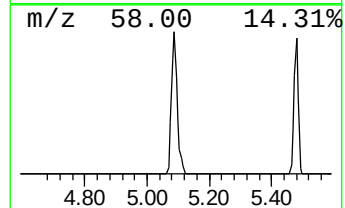
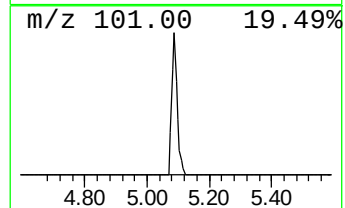
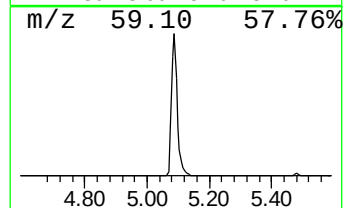
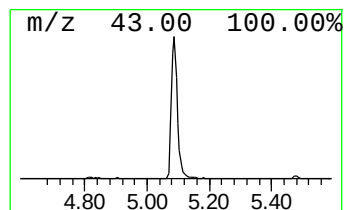
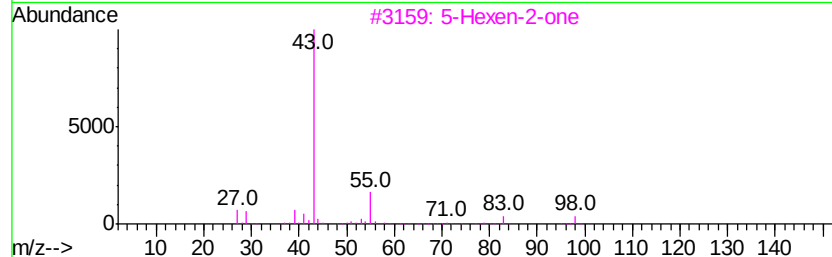
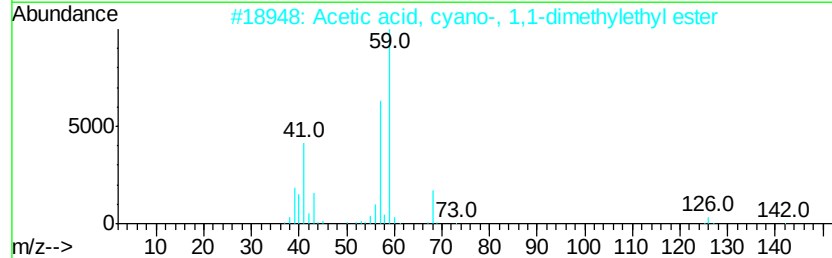
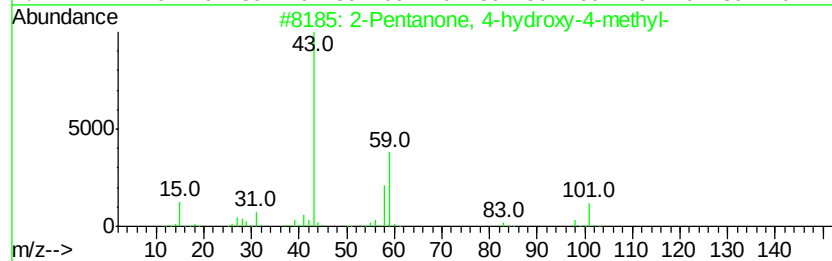
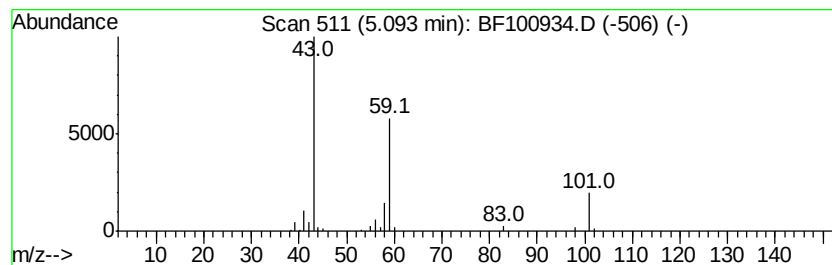
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	10.23 ng	195131	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3			5-Hexen-2-one	98	C6H10O	000109-49-9	9
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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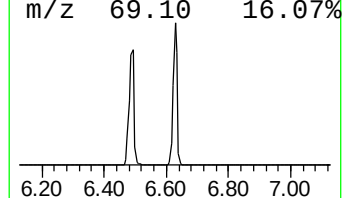
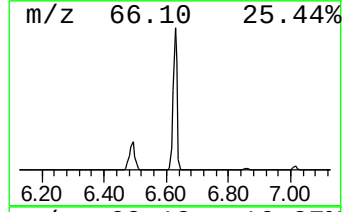
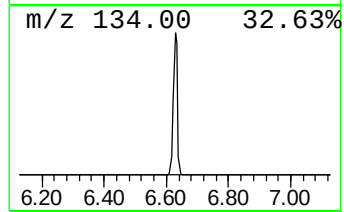
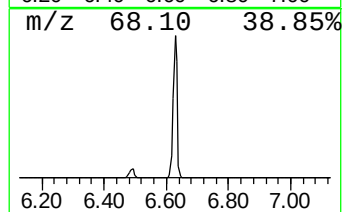
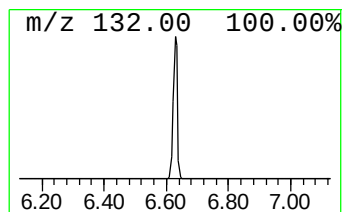
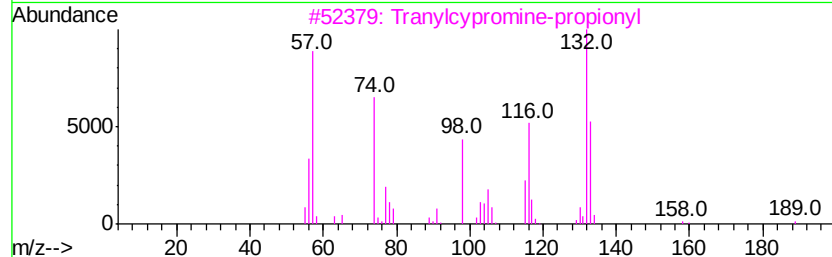
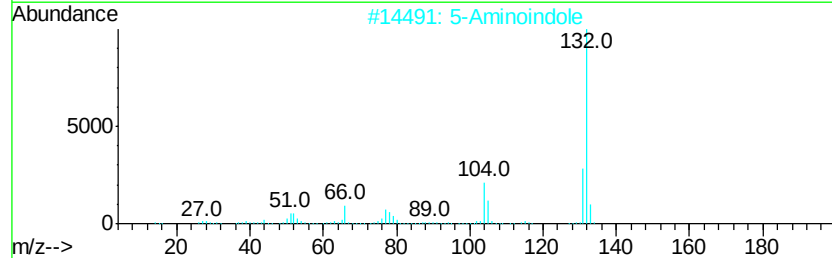
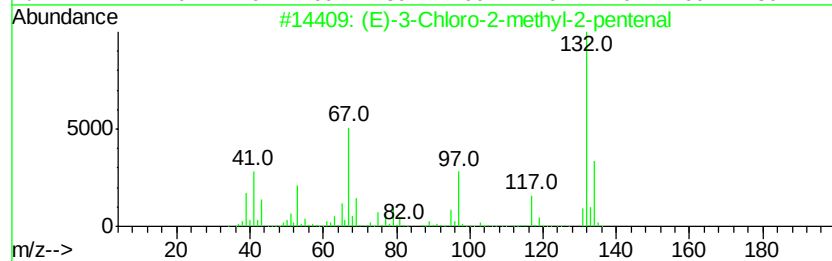
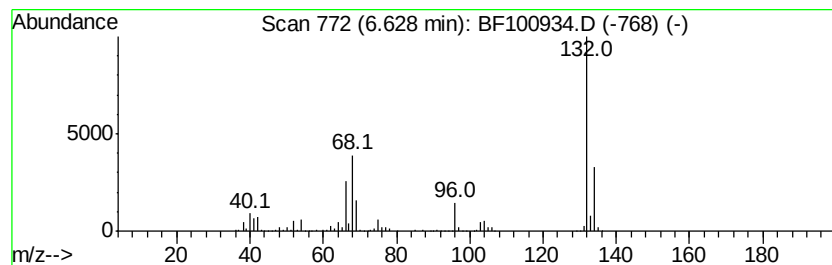
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Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	71.08 ng	1356210	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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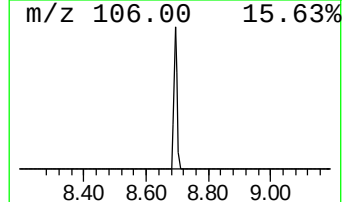
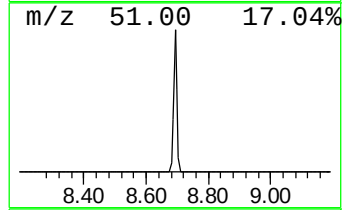
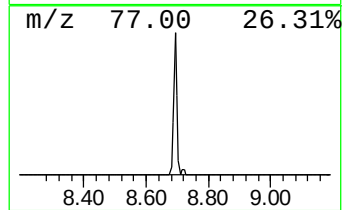
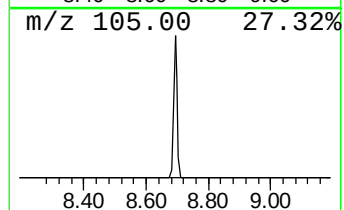
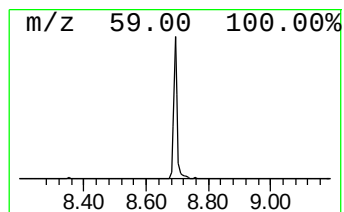
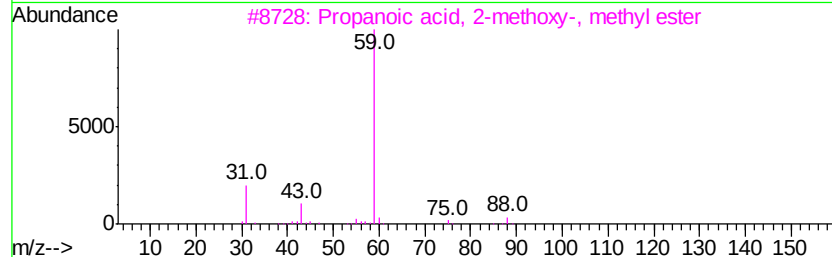
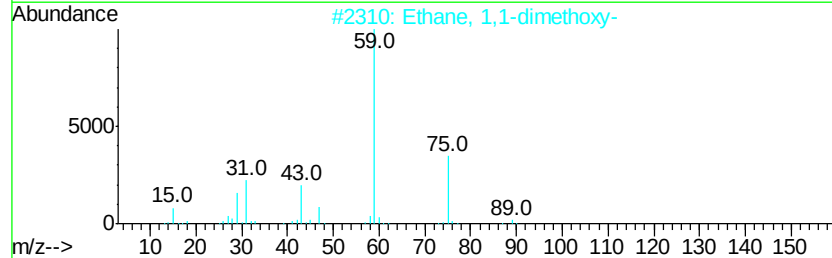
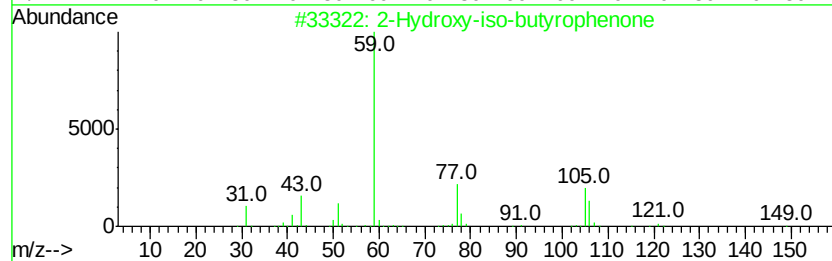
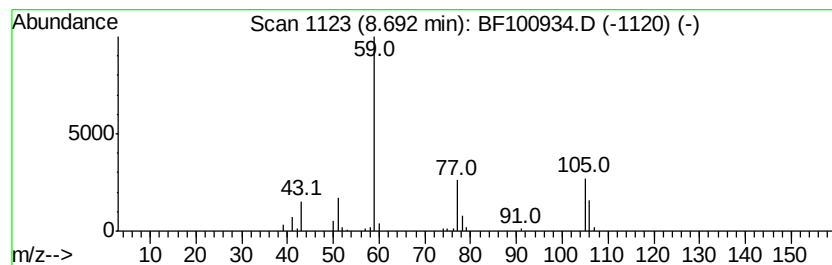
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 2-Hydroxy-iso-butyrophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	2.79 ng	64730	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		Ethane, 1,1-dimethoxy-	90	C4H10O2	000534-15-6	9
3		Propanoic acid, 2-methoxy-, meth...	118	C5H10O3	017639-76-8	9
4		Guanidine	59	CH5N3	000113-00-8	7
5		Acetamide	59	C2H5NO	000060-35-5	5



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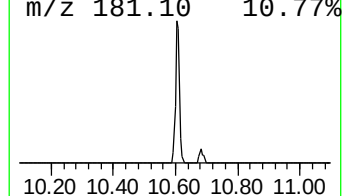
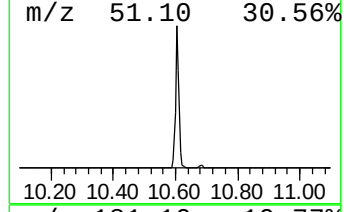
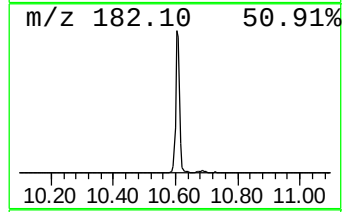
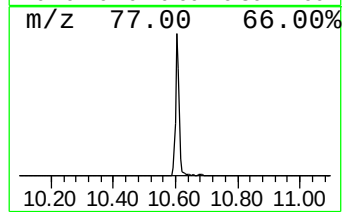
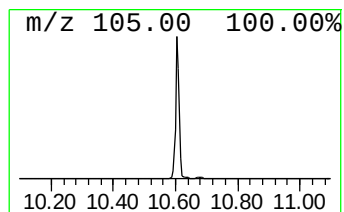
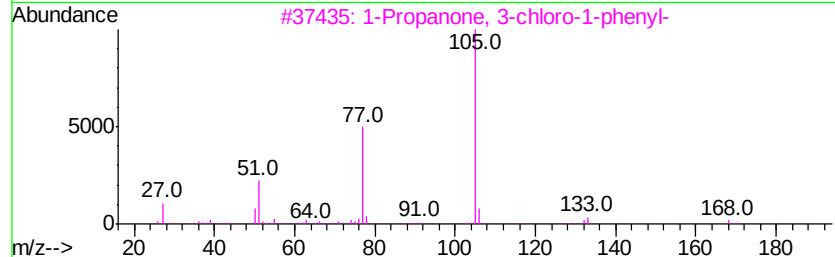
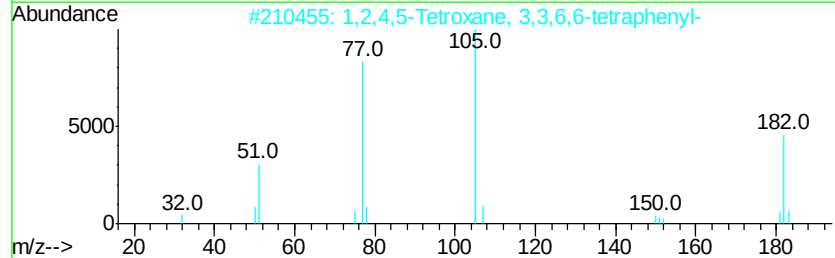
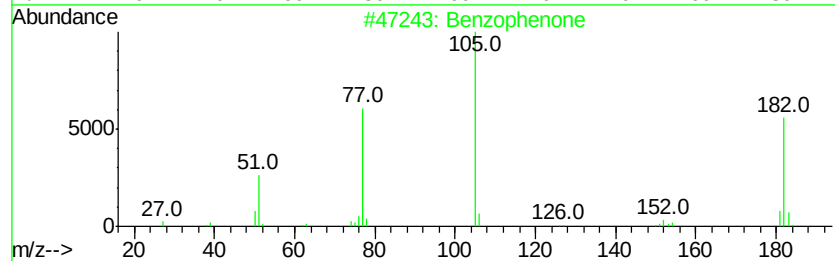
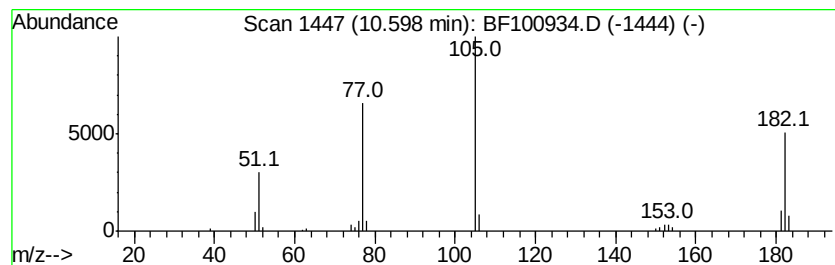
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	11.60 ng	263510	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzophenone	182	C13H10O	000119-61-9	96
2		1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3		1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
4		Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	47
5		Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47



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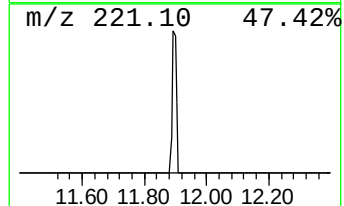
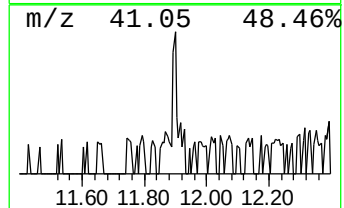
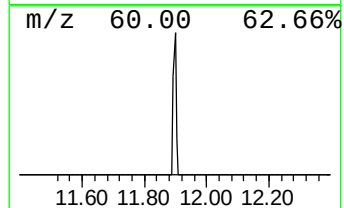
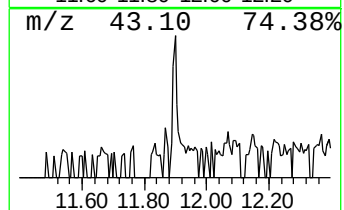
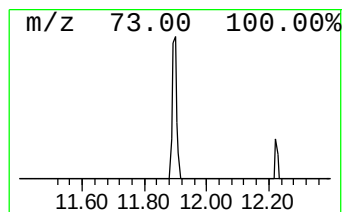
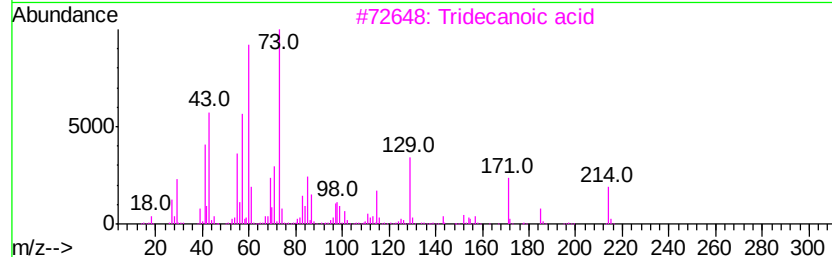
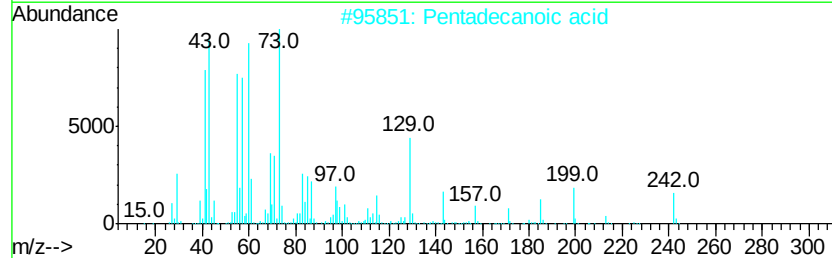
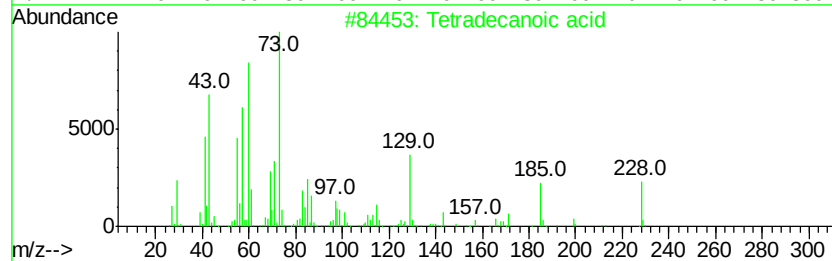
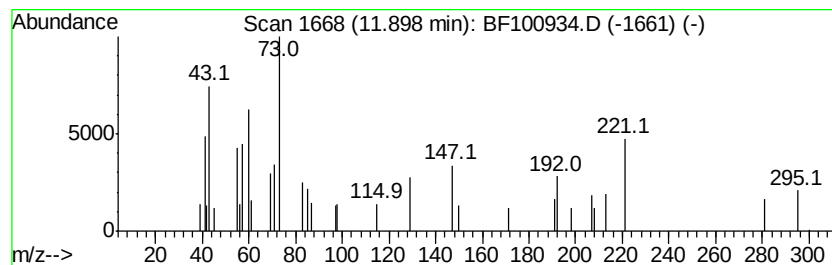
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown11.90 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.90	3.28 ng	59963	Phenanthrene-d10		11.38
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	25
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	22
3	Tridecanoic acid	214	C13H26O2	000638-53-9	22
4	Dodecanoic acid	200	C12H24O2	000143-07-7	22
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100934.D
Acq On : 28 Nov 2017 15:22
Operator : SJ/JU
Sample : I6578-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

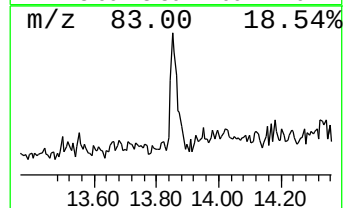
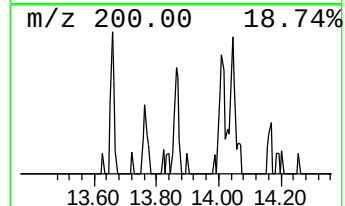
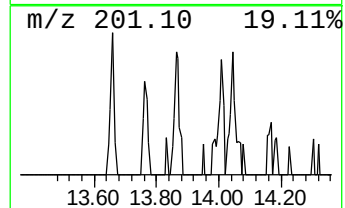
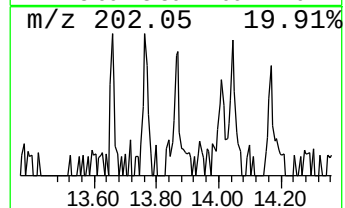
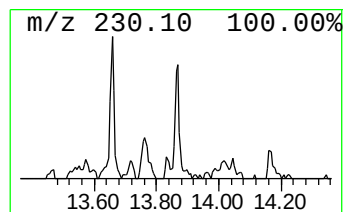
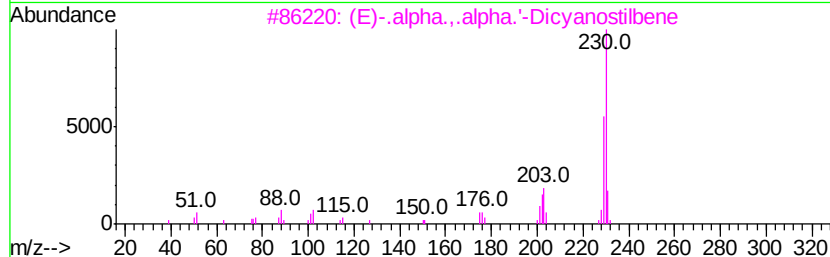
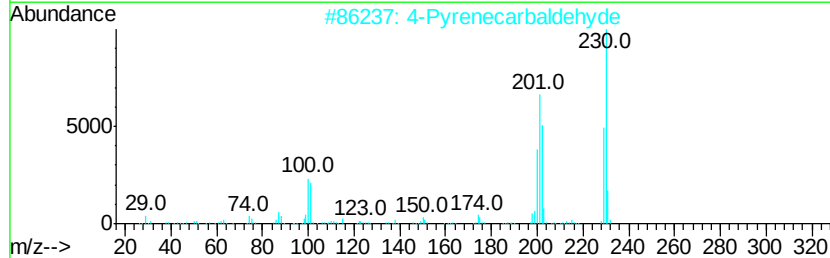
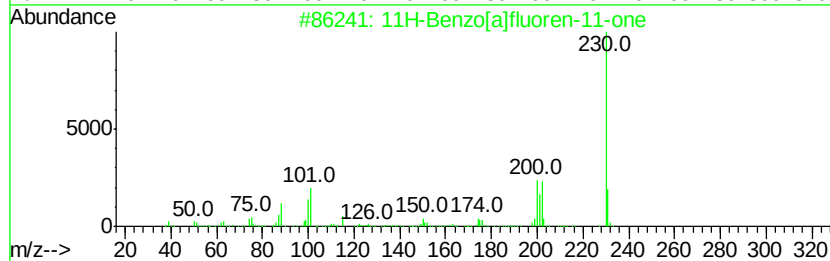
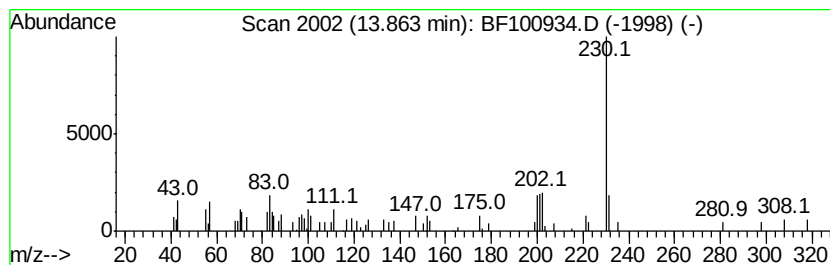
Instrument :
BNA_F
ClientSampled :
BBR-2-E(7-8)

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 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.86	2.35 ng	67535	Chrysene-d12	14.02		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	76	
2	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64	
3	(E)-.alpha.,.alpha.'-Dicvanostil...	230	C16H10N2	002450-55-7	59	
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	53	
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	53	



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Data File : BF100934.D
Acq On : 28 Nov 2017 15:22
Operator : SJ/JU
Sample : I6578-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BBR-2-E(7-8)

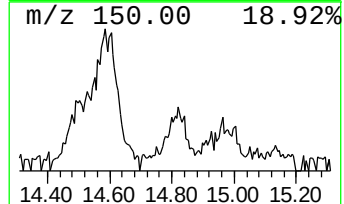
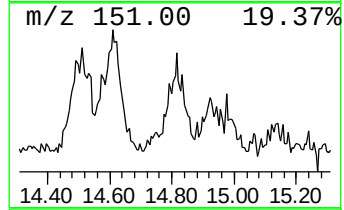
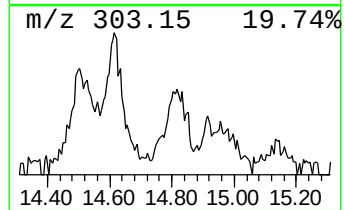
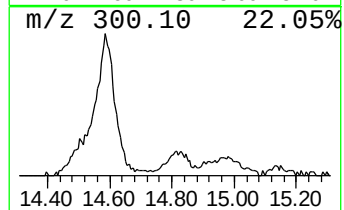
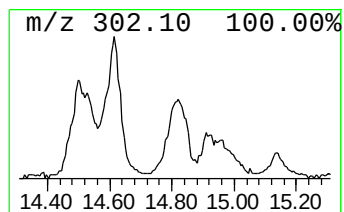
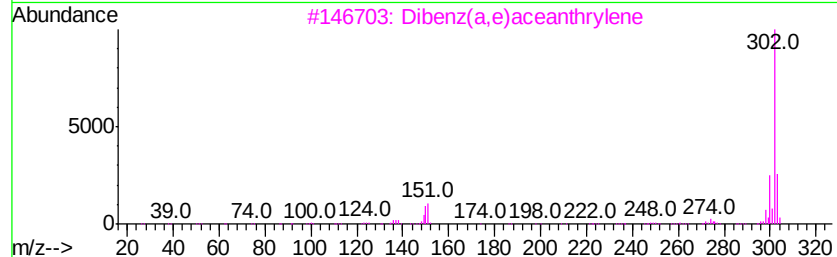
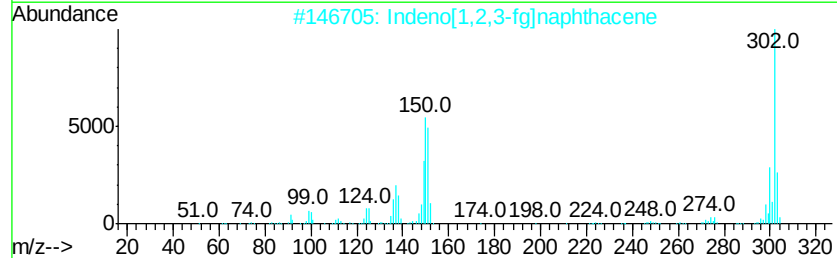
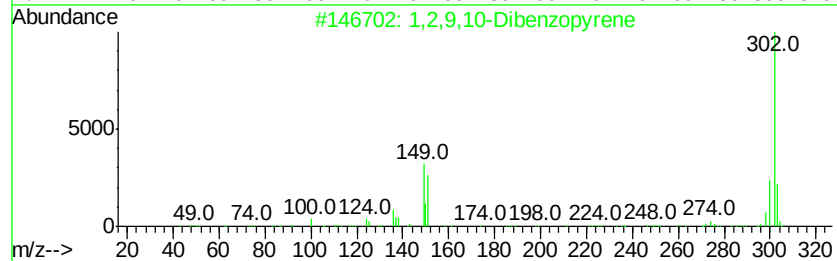
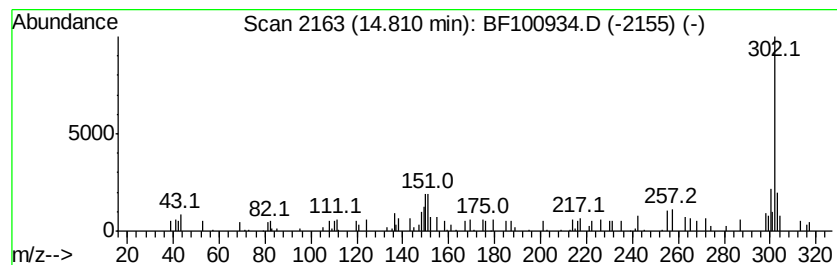
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1,2,9,10-Dibenzopyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	2.42 ng	53165	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	64
2		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	62
3		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	62
4		1H-Imidazo[4,5-b]phenazine, 2-(2...	302	C17H10N4S	1000319-15-8	59
5		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	59



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Sample : I6578-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BBR-2-E(7-8)

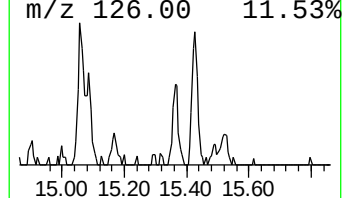
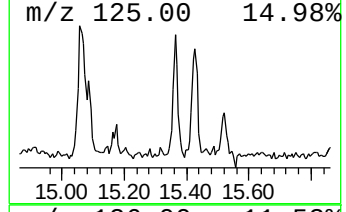
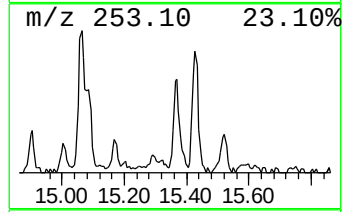
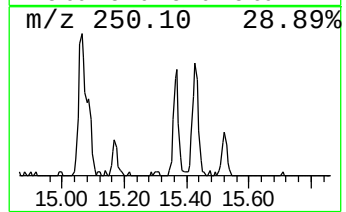
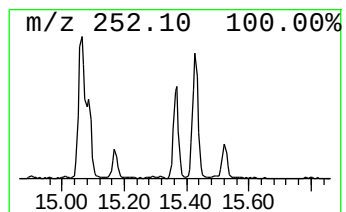
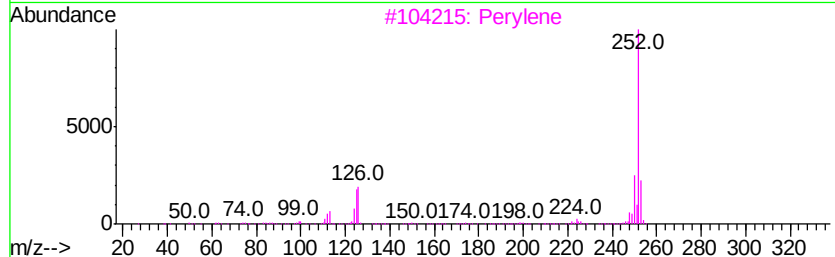
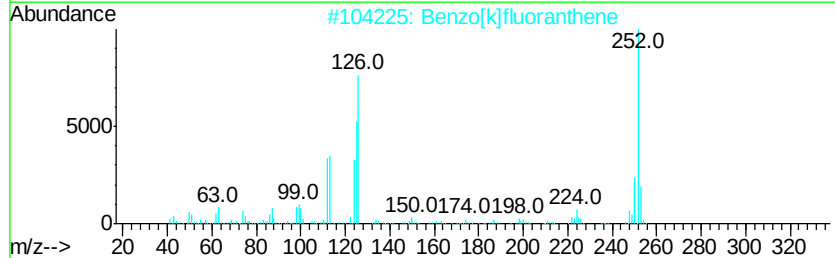
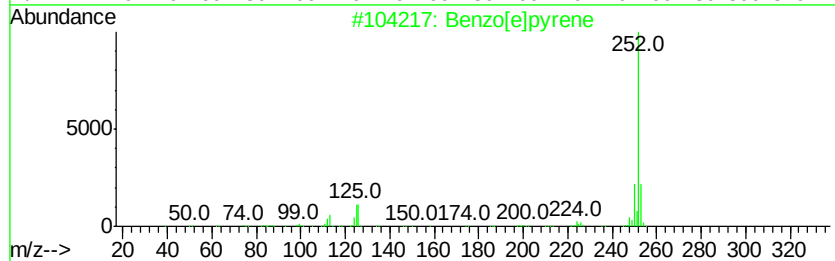
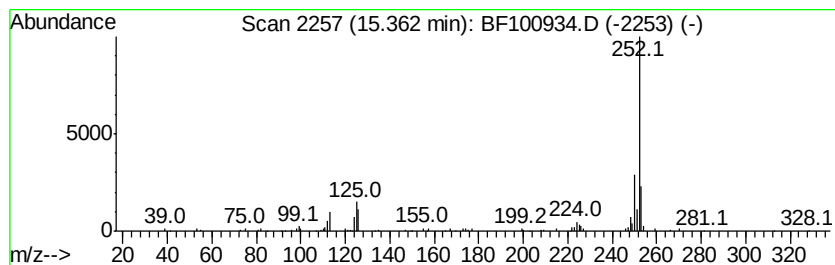
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	5.52 ng	121013	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3		Perylene	252	C20H12	000198-55-0	94
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93



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Operator : SJ/JU
Sample : I6578-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BBR-2-E(7-8)

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	10.2	ng	195131	1	6.86	381595	20.0
unknown6.63	6.63	71.1	ng	1356210	1	6.86	381595	20.0
2-Hydroxy-iso-but...	8.69	2.8	ng	64730	2	8.14	464292	20.0
Benzophenone	10.60	11.6	ng	263510	3	9.89	454490	20.0
unknown11.90	11.90	3.3	ng	59963	4	11.38	365469	20.0
11H-Benzo[a]fluor...	13.86	2.4	ng	67535	5	14.02	575064	20.0
1,2,9,10-Dibenzop...	14.81	2.4	ng	53165	6	15.49	438618	20.0
Benzo[e]pyrene	15.36	5.5	ng	121013	6	15.49	438618	20.0