

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097968.D
 Acq On : 22 Aug 2017 22:02
 Operator : SJ/JU
 Sample : I4877-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VL-WWTP-005

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-BF081517.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	4.934	482	484	491	rVB	97822	99718	2.60%	0.428%
2	5.357	552	556	567	rVB	1178951	1045037	27.28%	4.481%
3	5.522	581	584	589	rVB	138042	134885	3.52%	0.578%
4	6.381	726	730	740	rBV	918259	788292	20.58%	3.380%
5	6.481	745	747	749	rBV	55988	43634	1.14%	0.187%
6	6.516	749	753	757	rVB	2041761	1862821	48.63%	7.988%
7	6.751	789	793	796	rBV	924082	830514	21.68%	3.562%
8	6.910	815	820	823	rBV	2622153	2581837	67.39%	11.072%
9	7.028	834	840	843	rBV	31924	42191	1.10%	0.181%
10	7.316	881	889	892	rBV	2275294	2274455	59.37%	9.754%
11	7.345	892	894	900	rVB	183439	165244	4.31%	0.709%
12	7.763	961	965	966	rBV	209053	172115	4.49%	0.738%
13	7.781	966	968	971	rVB	250643	189561	4.95%	0.813%
14	7.940	990	995	999	rBV3	40862	53897	1.41%	0.231%
15	8.034	1006	1011	1014	rBV	1316367	1077654	28.13%	4.621%
16	8.257	1046	1049	1051	rBV	78627	71776	1.87%	0.308%
17	8.281	1051	1053	1060	rVB	65187	65914	1.72%	0.283%
18	9.110	1188	1194	1197	rBV	3724027	3830935	100.00%	16.428%
19	9.786	1304	1309	1315	rBV	1292698	1140893	29.78%	4.893%
20	10.351	1402	1405	1411	rBV	283641	339708	8.87%	1.457%
21	10.404	1411	1414	1418	rVB	172561	160030	4.18%	0.686%
22	10.569	1438	1442	1446	rBV	1172532	1112756	29.05%	4.772%
23	11.151	1536	1541	1543	rBV2	99416	107256	2.80%	0.460%
24	11.175	1543	1545	1550	rVB	51599	45503	1.19%	0.195%
25	11.269	1557	1561	1564	rBV	1122398	966684	25.23%	4.145%
26	11.475	1593	1596	1600	rVB	48219	43940	1.15%	0.188%
27	11.557	1607	1610	1615	rVB	38850	40433	1.06%	0.173%
28	11.875	1660	1664	1668	rBV5	33225	48228	1.26%	0.207%
29	12.857	1826	1831	1834	rBV	2508145	2579763	67.34%	11.063%
30	13.898	2004	2008	2012	rBV	852212	768559	20.06%	3.296%
31	15.321	2246	2250	2254	rVB	574840	634879	16.57%	2.723%

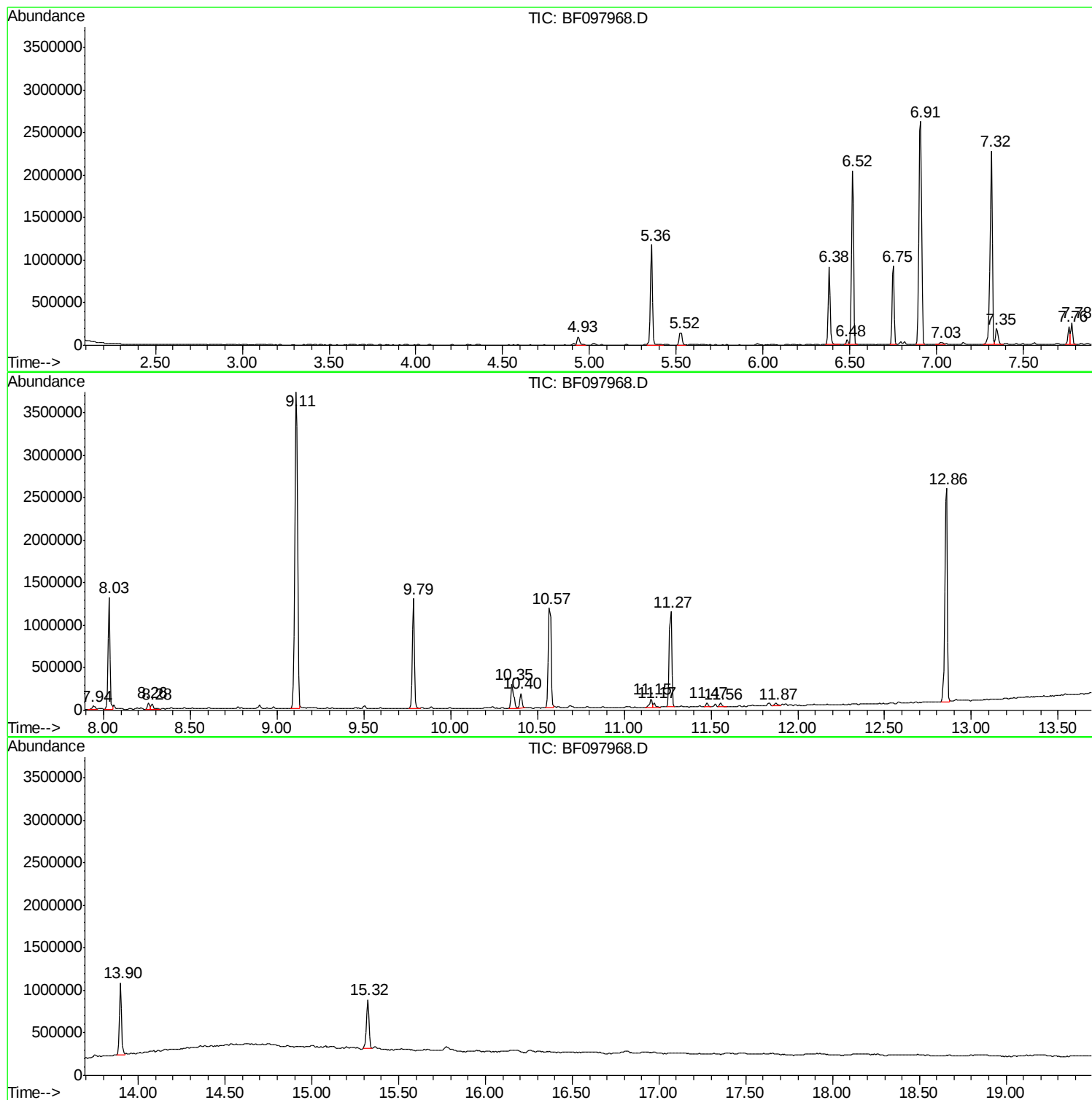
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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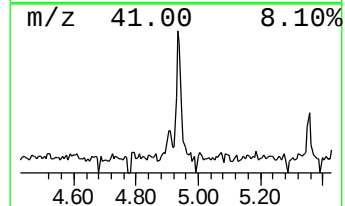
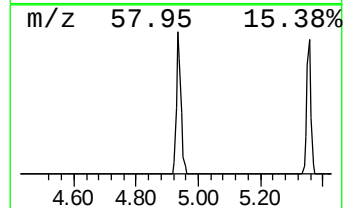
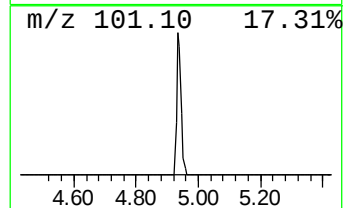
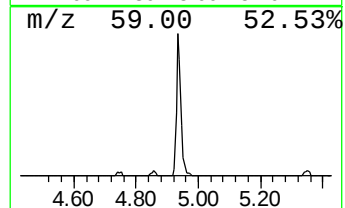
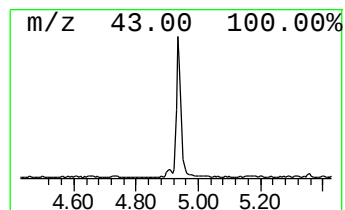
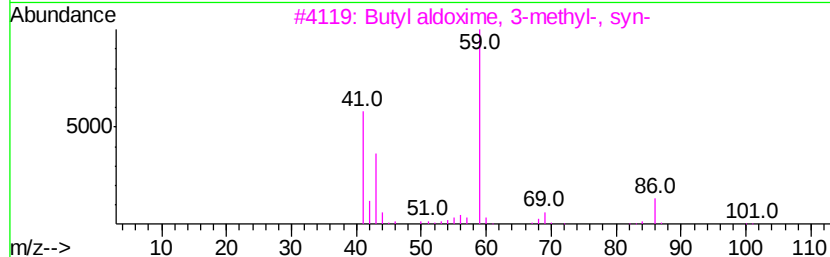
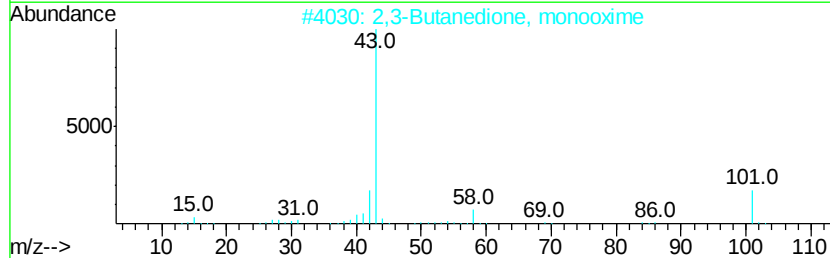
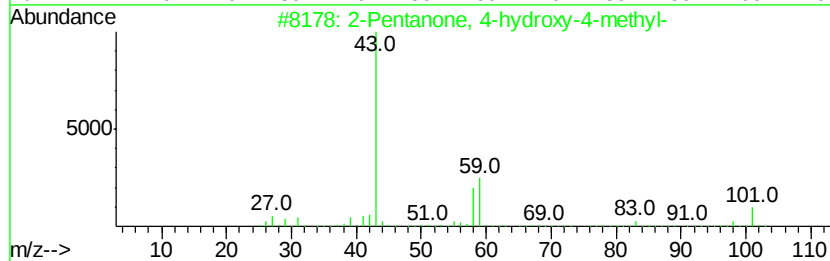
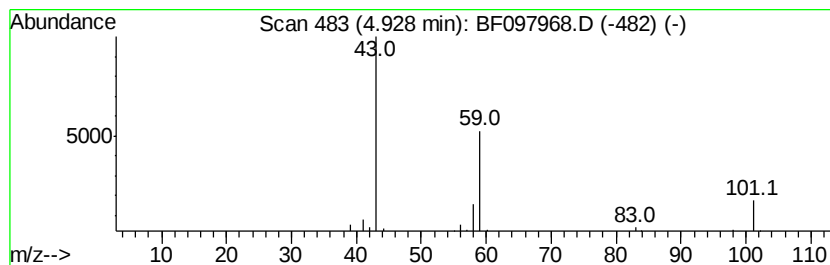
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	2.40 ng	99718	1,4-Dichlorobenzene-d4	6.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
4			Acetone	58	C3H6O	000067-64-1	9
5			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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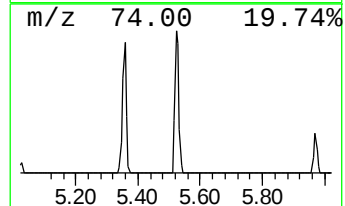
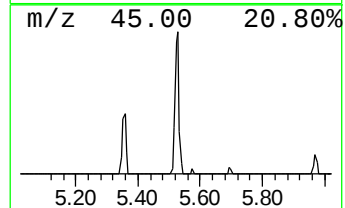
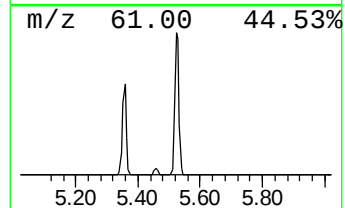
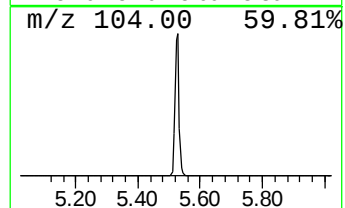
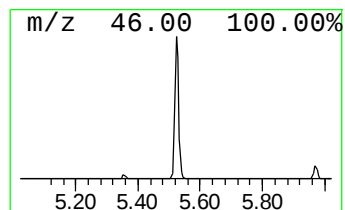
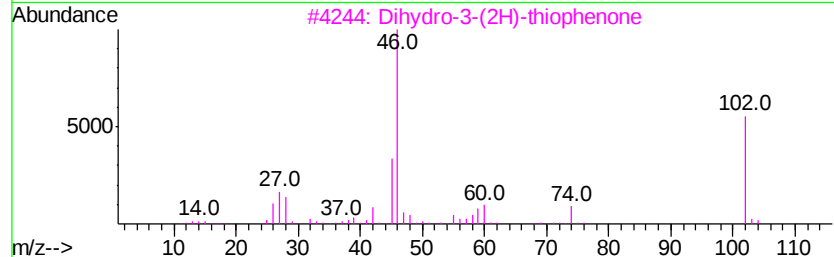
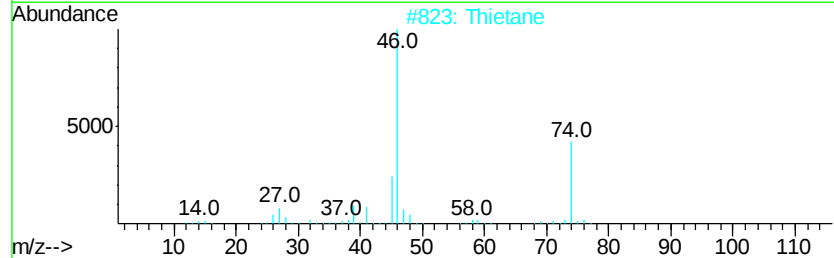
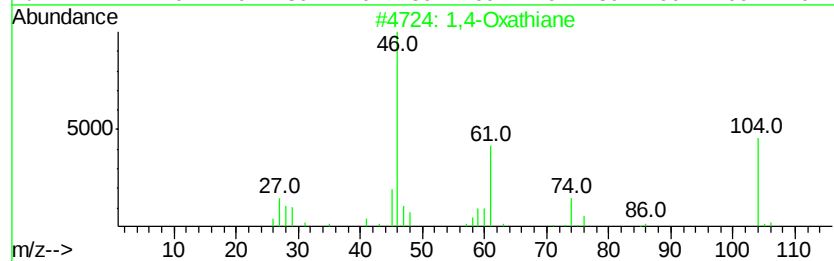
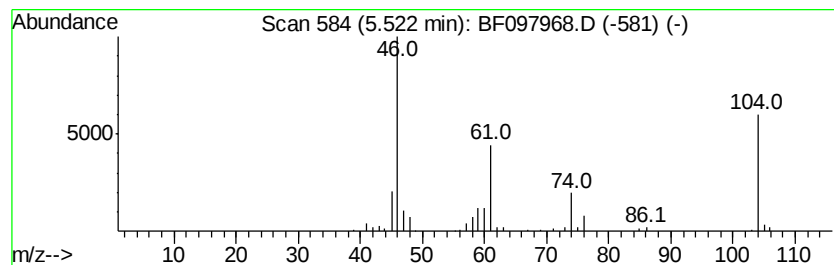
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Peak Number 2 1,4-Oxathiane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	3.25 ng	134885	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Oxathiane	104	C4H8OS	015980-15-1	97
2		Thietane	74	C3H6S	000287-27-4	43
3		Dihydro-3-(2H)-thiophenone	102	C4H6OS	001003-04-9	32
4		Thiacyclopentane-3-ol	104	C4H8OS	1000145-22-9	12
5		Methanamine, N-methoxy-	61	C2H7NO	001117-97-1	9



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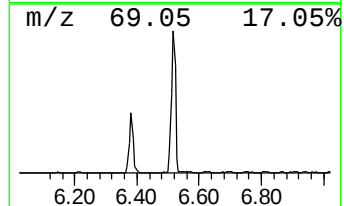
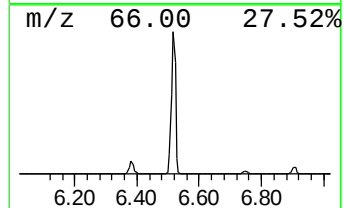
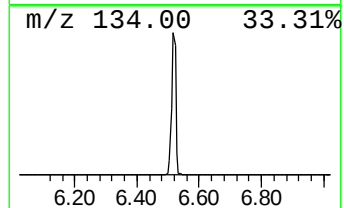
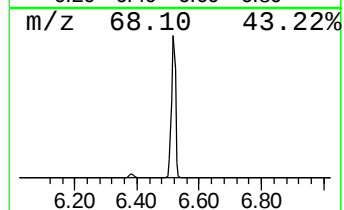
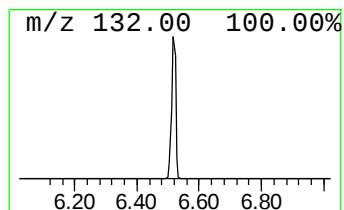
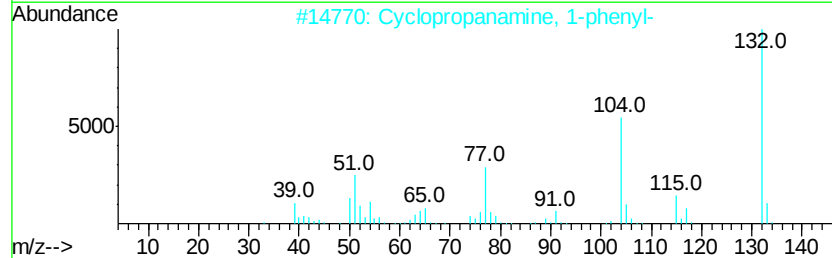
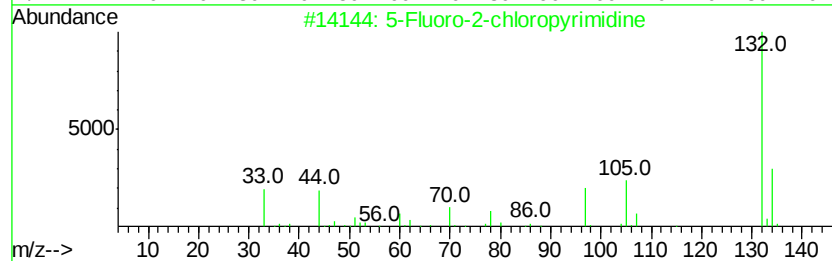
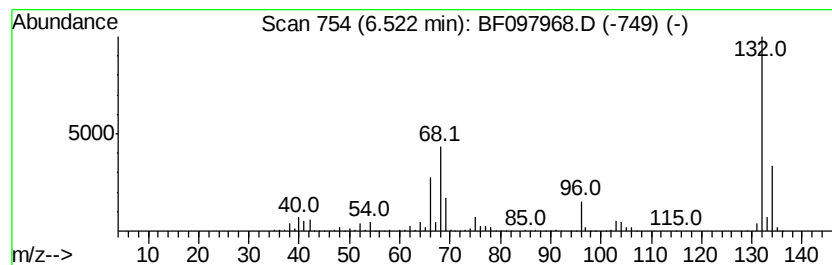
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Peak Number 3 unknown6.52 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	44.86 ng	1862820	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
3		5-Aminoindole	132	C8H8N2	005192-03-0	10
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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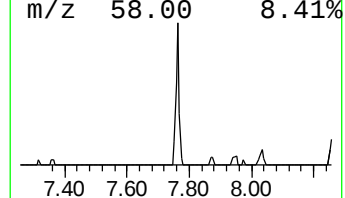
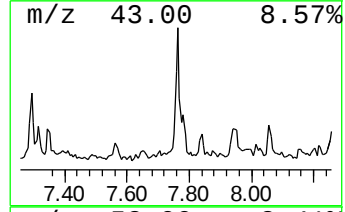
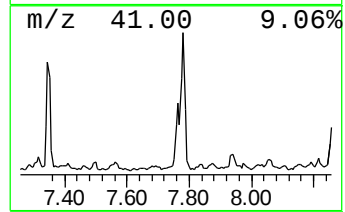
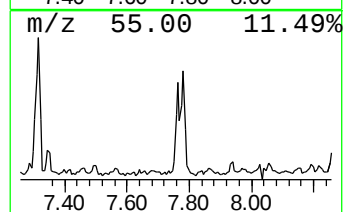
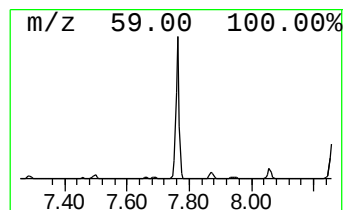
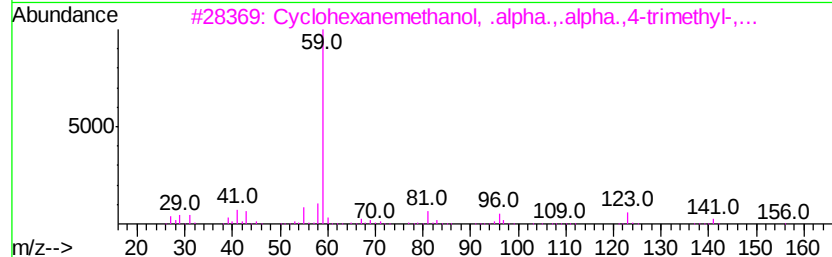
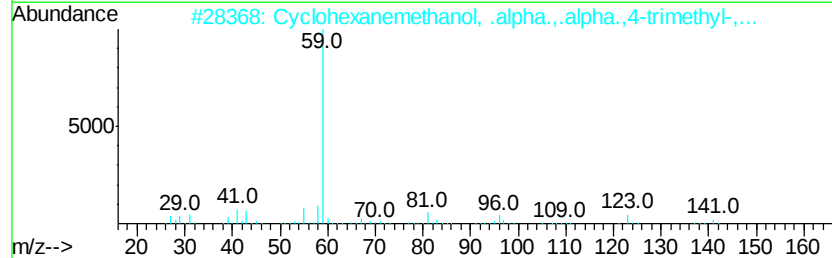
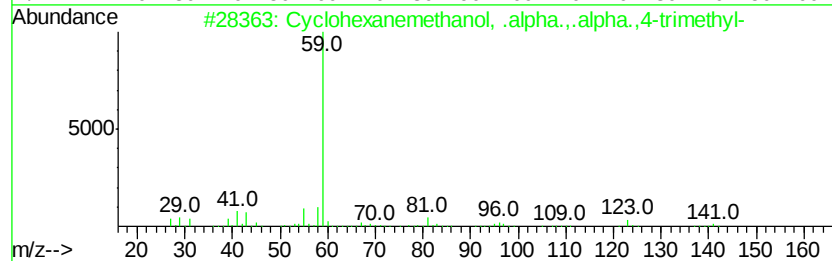
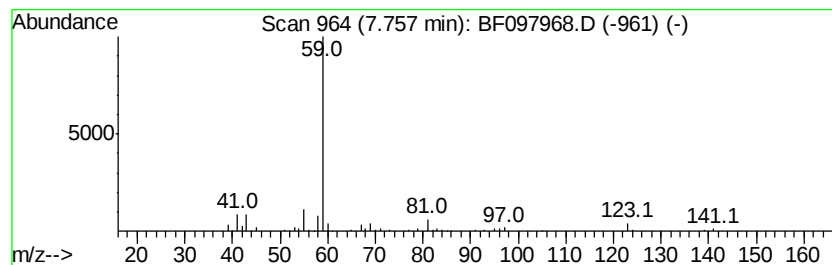
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Peak Number 5 Cyclohexanemethanol, .alpha... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	3.19 ng	172115	Naphthalene-d8	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanemethanol, .alpha...al...	156	C10H20O	000498-81-7	83
2		Cyclohexanemethanol, .alpha...al...	156	C10H20O	007322-63-6	78
3		Cyclohexanemethanol, .alpha...al...	156	C10H20O	005114-00-1	78
4		2,3-Dimethyl-4-penten-2-ol	114	C7H14O	019781-52-3	50
5		2,4-Dimethyl-4-penten-2-ol	114	C7H14O	019781-53-4	50



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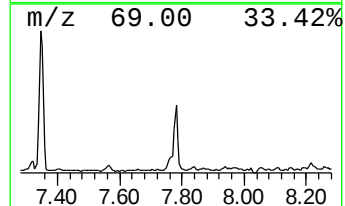
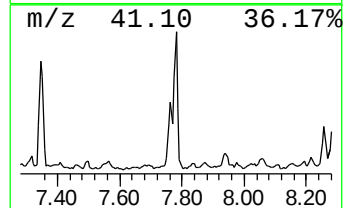
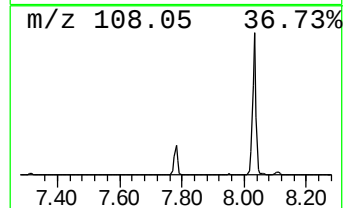
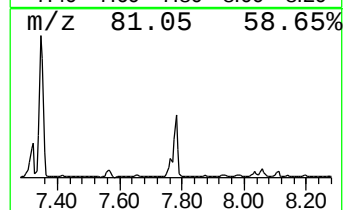
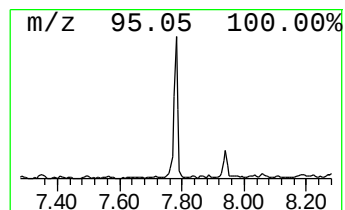
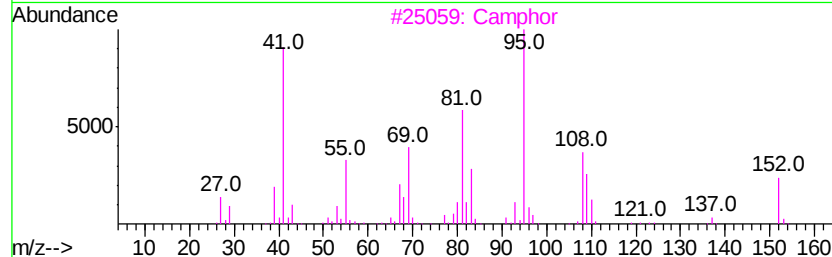
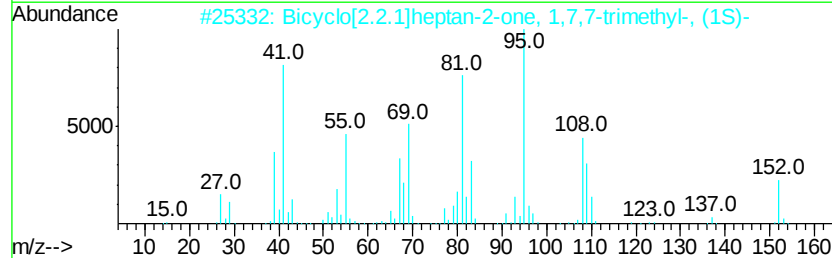
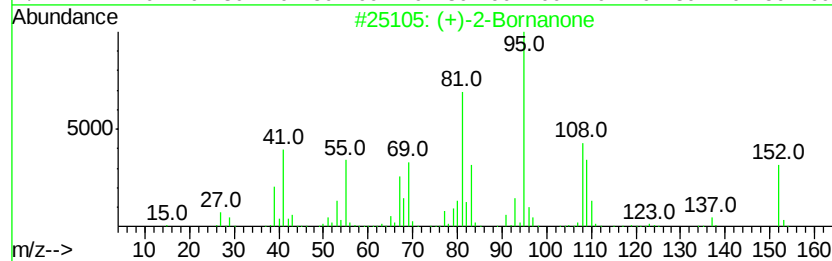
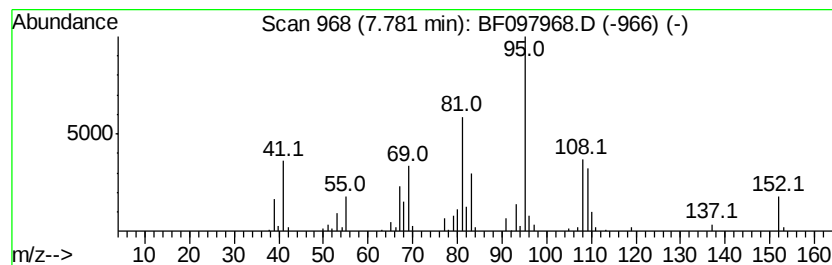
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Peak Number 6 (+)-2-Bornanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	3.52 ng	189561	Naphthalene-d8	8.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(+)-2-Bornanone	152	C10H16O	000464-49-3	96
2			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96
3			Camphor	152	C10H16O	000076-22-2	94
4			Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	46
5			1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	46



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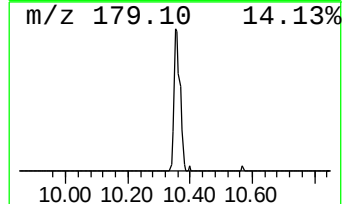
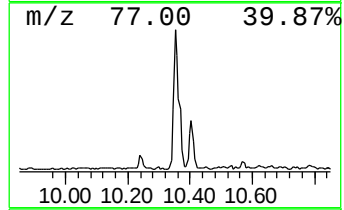
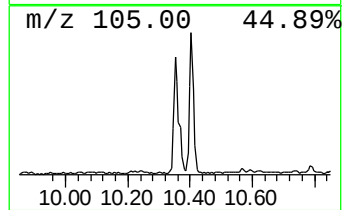
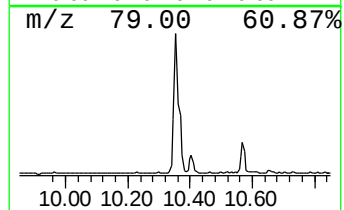
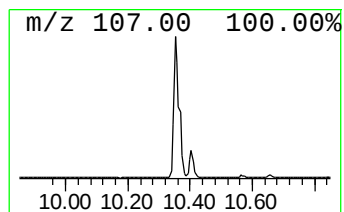
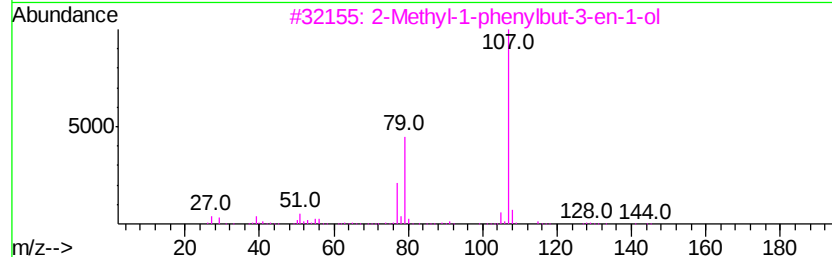
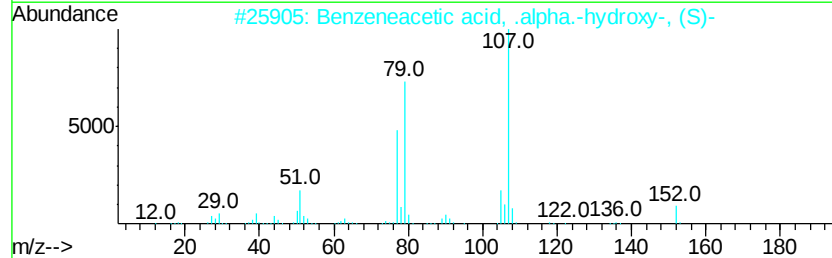
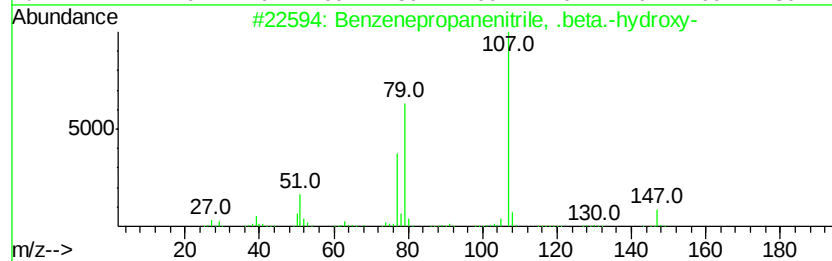
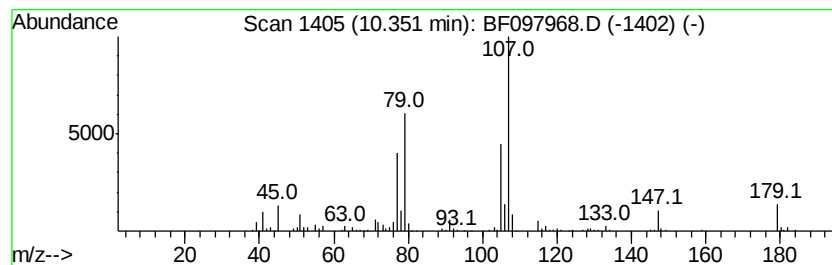
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzenepropanenitrile, .bet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	5.96 ng	339708	Acenaphthene-d10	9.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzenepropanenitrile, .beta.-hv...	147	C9H9NO	017190-29-3	80
2		Benzeneacetic acid, .alpha.-hydr...	152	C8H8O3	017199-29-0	78
3		2-Methyl-1-phenylbut-3-en-1-ol	162	C11H14O	025201-44-9	72
4		(R)-(+)-1-Phenyl-1-propanol	136	C9H12O	001565-74-8	72
5		1,2-Ethanediol, 1-phenyl-	138	C8H10O2	000093-56-1	72



Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097968.D
Acq On : 22 Aug 2017 22:02
Operator : SJ/JU
Sample : I4877-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VL-WWTP-005

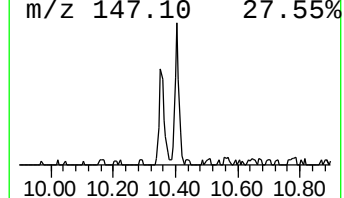
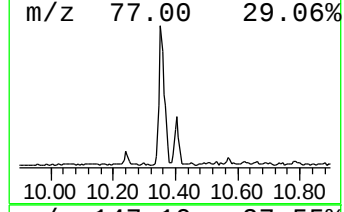
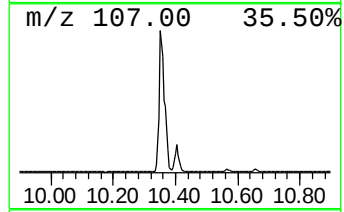
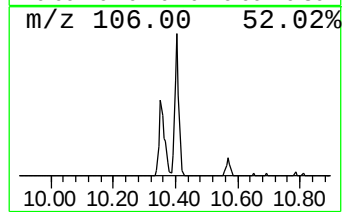
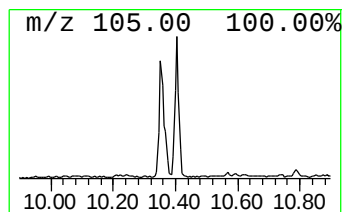
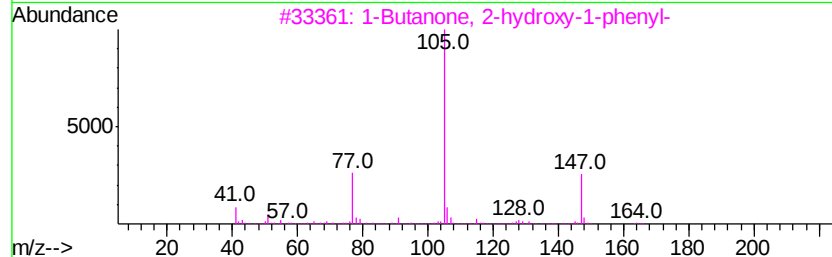
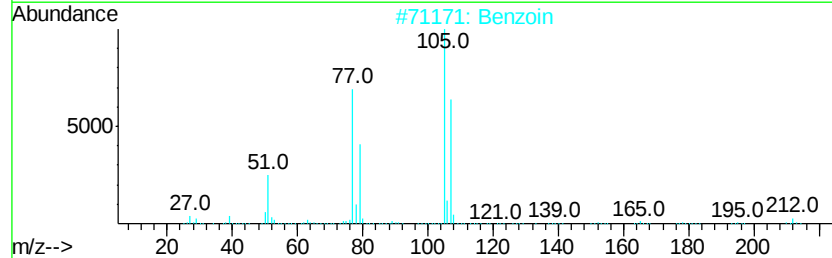
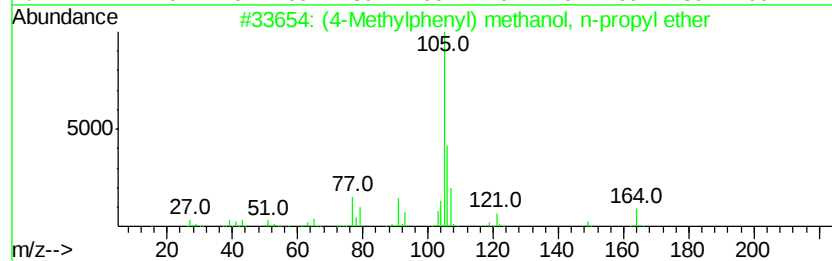
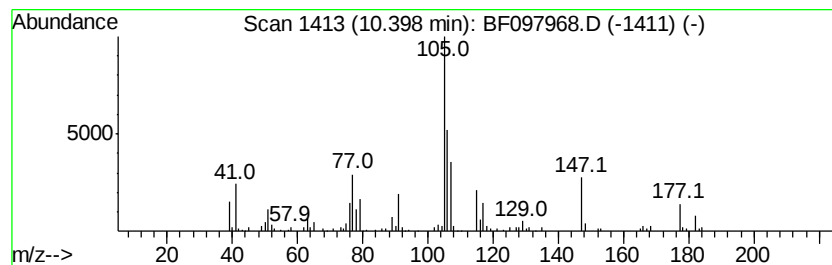
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown10.40 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	2.81 ng	160030	Acenaphthene-d10	9.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		(4-Methylphenyl) methanol, n-pro...	164	C11H16O	1000374-65-4	37
2		Benzoin	212	C14H12O2	000119-53-9	27
3		1-Butanone, 2-hydroxy-1-phenyl-	164	C10H12O2	016183-46-3	27
4		Benzamide, N-butyl-	177	C11H15NO	002782-40-3	22
5		Benzoic acid, 3,5-dibromo-4-meth...	439	C17H15Br2NO3	1000258-73-5	22



Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097968.D
Acq On : 22 Aug 2017 22:02
Operator : SJ/JU
Sample : I4877-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

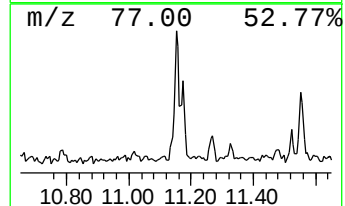
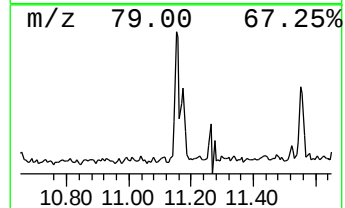
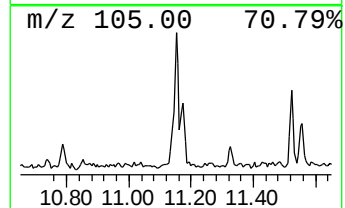
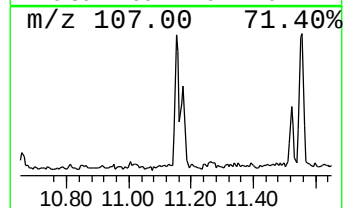
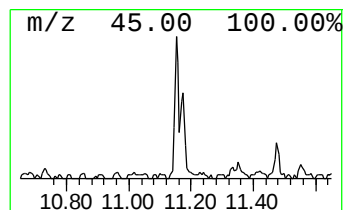
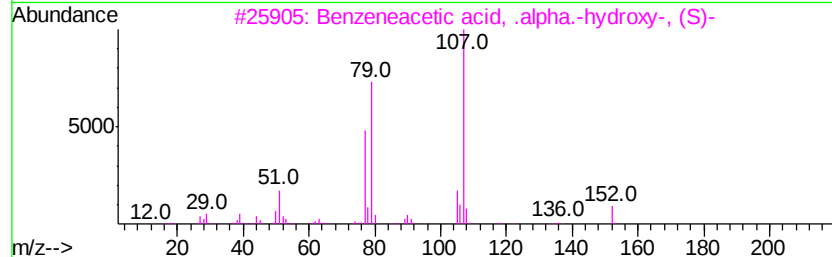
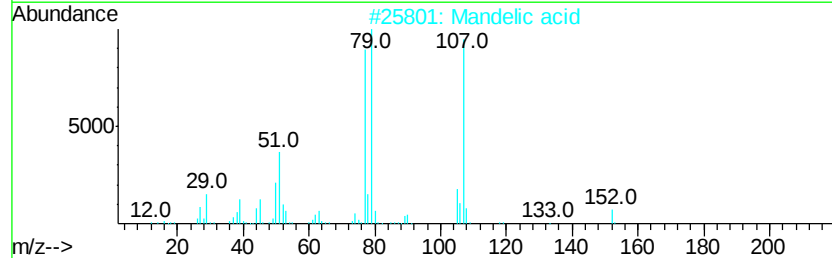
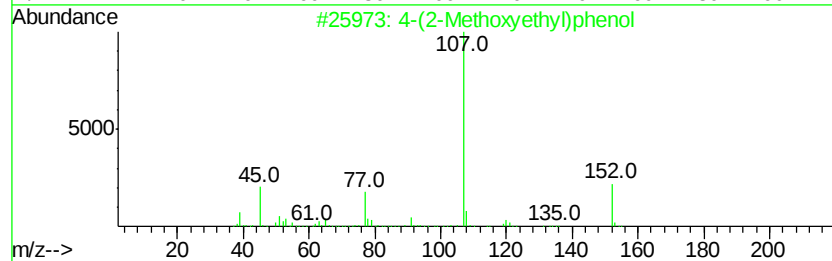
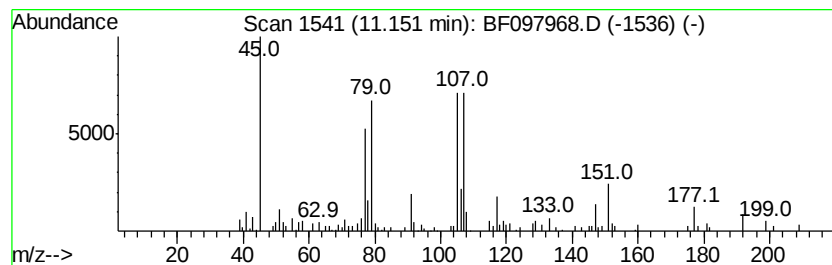
Instrument :
BNA_F
ClientSampleId :
VL-WWTP-005

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown11.15 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.15	2.22 ng	107256	Phenanthrene-d10	11.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(2-Methoxvethyl)phenol	152	C9H12O2	056718-71-9	43
2	Mandelic acid	152	C8H8O3	000090-64-2	35
3	Benzeneacetic acid, .alpha.-hvd...	152	C8H8O3	017199-29-0	35
4	3-Nitrobenzvlamine	152	C7H8N2O2	007409-18-9	30
5	2-Chloro-5,5-dimethyl-1-phenyl-3...	236	C14H17ClO	212687-74-6	30



Data Path : U:\HPCHEM1\BNA_F\DATA\BF082217\
Data File : BF097968.D
Acq On : 22 Aug 2017 22:02
Operator : SJ/JU
Sample : I4877-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VL-WWTP-005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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...	4.93	2.4	ng	99718	1	6.75	830514	20.0
1,4-Oxathiane	5.52	3.3	ng	134885	1	6.75	830514	20.0
unknown6.52	6.52	44.9	ng	1862820	1	6.75	830514	20.0
Cyclohexanemethan...	7.76	3.2	ng	172115	2	8.03	1077650	20.0
(+)-2-Bornanone	7.78	3.5	ng	189561	2	8.03	1077650	20.0
Benzenepropanenit...	10.35	6.0	ng	339708	3	9.79	1140890	20.0
unknown10.40	10.40	2.8	ng	160030	3	9.79	1140890	20.0
unknown11.15	11.15	2.2	ng	107256	4	11.27	966684	20.0