

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF101517\
 Data File : BF099514.D
 Acq On : 15 Oct 2017 15:26
 Operator : SJ/JU
 Sample : I5752-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-118-7(5-10)

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-BF092317.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	5.069	503	507	519	rBV	277512	351668	17.32%	1.796%
2	5.469	571	575	590	rBV	2014289	1910833	94.09%	9.761%
3	6.481	742	747	766	rBV	1900339	1989863	97.99%	10.165%
4	6.616	766	770	773	rBV	2260241	1982157	97.61%	10.126%
5	6.845	805	809	817	rBV	618465	564203	27.78%	2.882%
6	6.998	831	835	839	rBV	1836614	1550909	76.37%	7.923%
7	7.410	900	905	908	rBV	1379736	1198333	59.01%	6.122%
8	8.122	1023	1026	1030	rBV	820860	748555	36.86%	3.824%
9	8.681	1118	1121	1124	rBV	249196	189927	9.35%	0.970%
10	9.198	1205	1209	1212	rBV	2447651	2030749	100.00%	10.374%
11	9.592	1273	1276	1279	rBV	648695	482625	23.77%	2.465%
12	9.881	1321	1325	1329	rBV	895752	762168	37.53%	3.893%
13	10.592	1442	1446	1449	rBV	896719	699955	34.47%	3.576%
14	10.669	1456	1459	1468	rBV	1062920	977707	48.15%	4.995%
15	10.769	1473	1476	1481	rBV2	35225	41865	2.06%	0.214%
16	11.216	1550	1552	1555	rBV	27286	25150	1.24%	0.128%
17	11.369	1574	1578	1580	rBV	769765	629408	30.99%	3.215%
18	11.392	1580	1582	1587	rVB	95460	78700	3.88%	0.402%
19	12.580	1781	1784	1790	rBV	156891	149684	7.37%	0.765%
20	12.810	1817	1823	1829	rBV	152817	166892	8.22%	0.853%
21	12.951	1843	1847	1850	rBV	1451535	1286517	63.35%	6.572%
22	13.369	1916	1918	1923	rBV6	17360	24295	1.20%	0.124%
23	13.833	1991	1997	2001	rBV3	101916	128483	6.33%	0.656%
24	14.010	2022	2027	2030	rBV	580609	584536	28.78%	2.986%
25	14.039	2030	2032	2040	rVB	74543	73359	3.61%	0.375%
26	15.057	2201	2205	2207	rBV	70702	95847	4.72%	0.490%
27	15.357	2253	2256	2262	rVB	44505	59726	2.94%	0.305%
28	15.421	2264	2267	2272	rVV	63414	81944	4.04%	0.419%
29	15.480	2272	2277	2290	rVB	423773	578221	28.47%	2.954%
30	15.898	2346	2348	2352	rVB5	23445	24070	1.19%	0.123%
31	16.974	2527	2531	2538	rVB4	33524	68189	3.36%	0.348%
32	17.415	2602	2606	2613	rBV2	18057	38860	1.91%	0.199%

LSC Area Percent Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ENV-118-7(5-10)

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-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

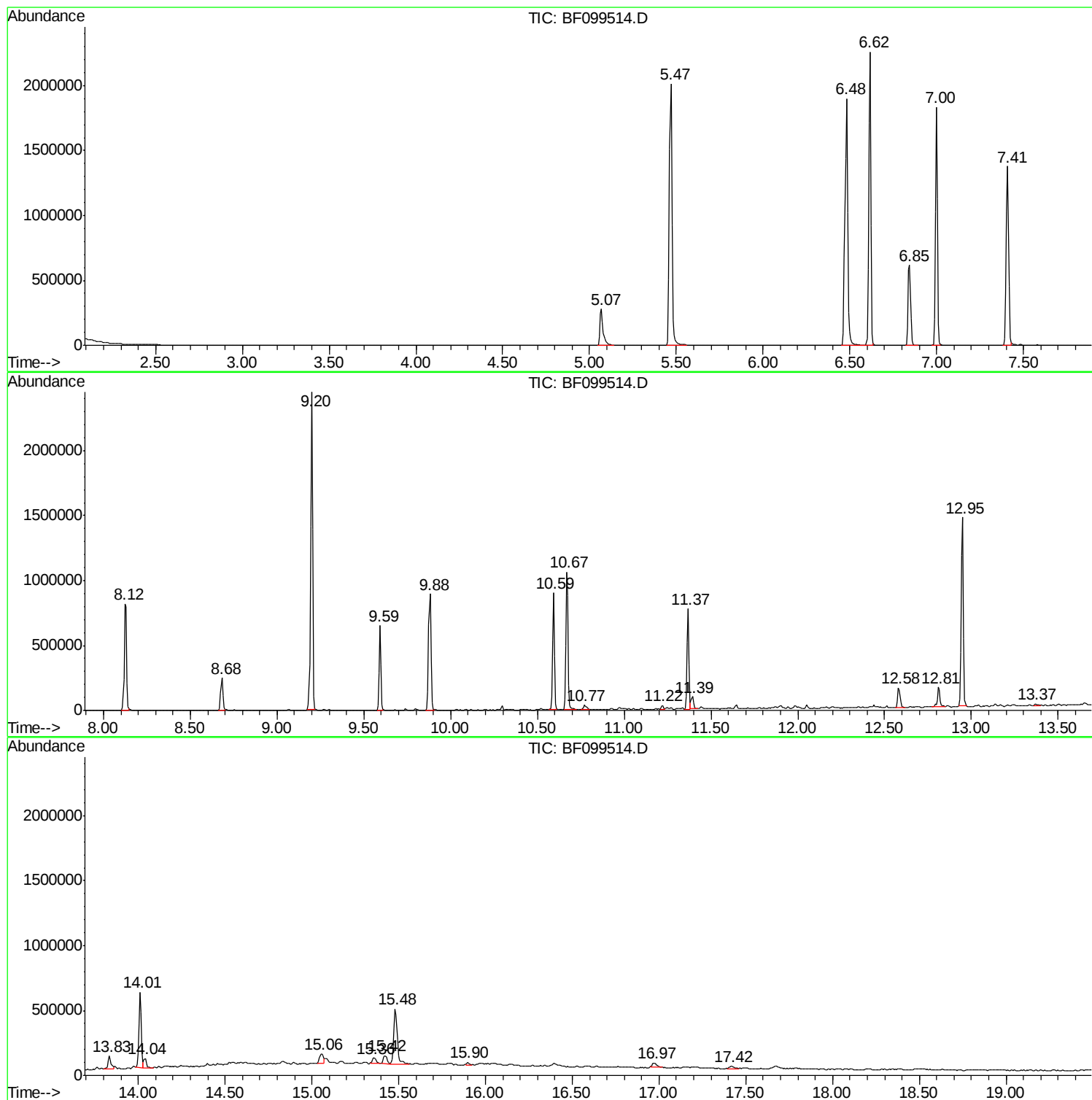
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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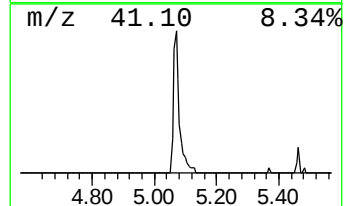
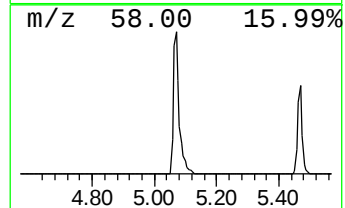
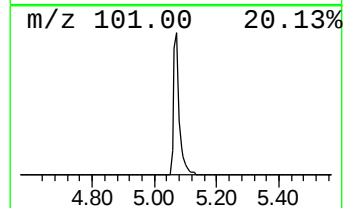
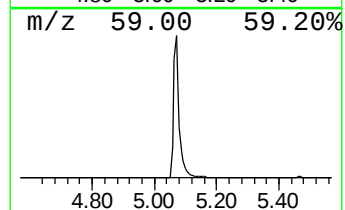
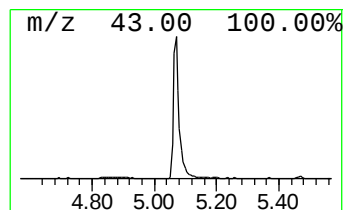
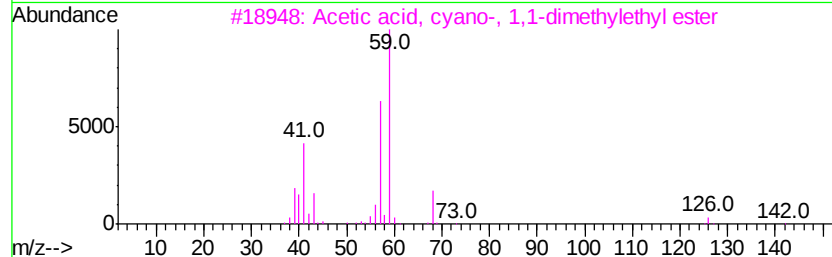
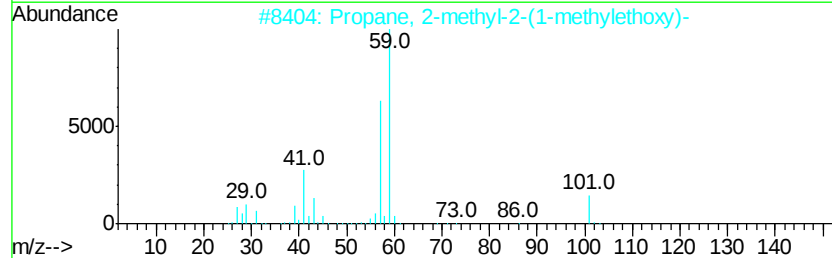
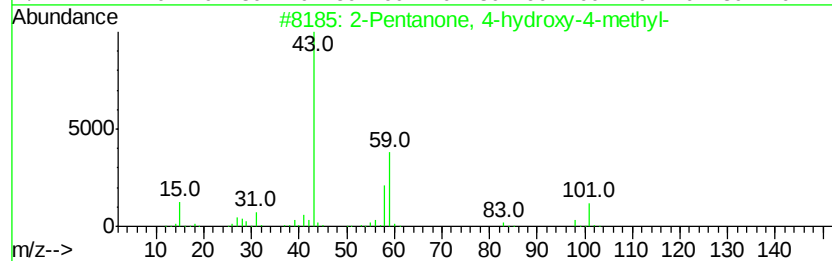
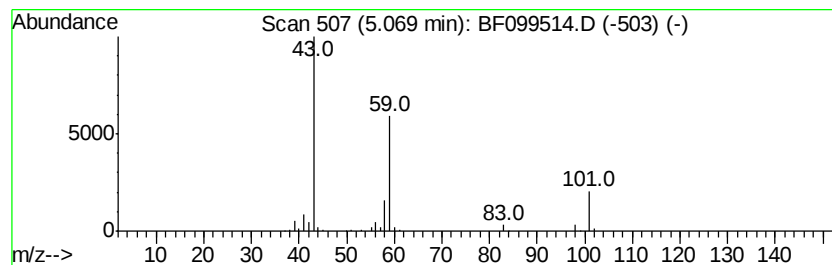
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	12.47 ng	351668	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
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	17
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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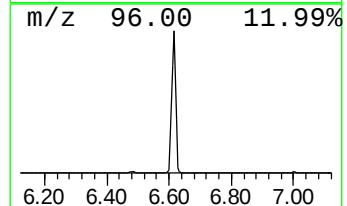
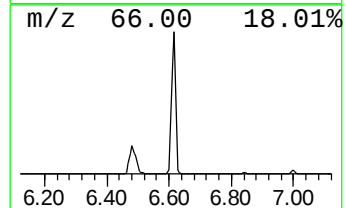
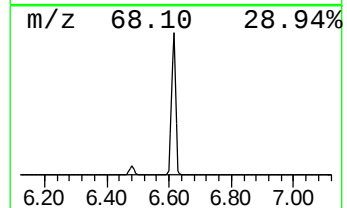
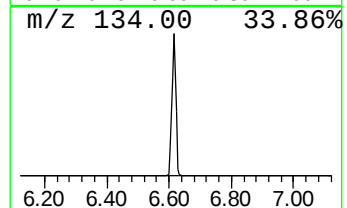
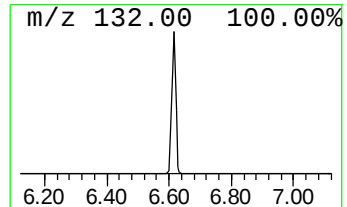
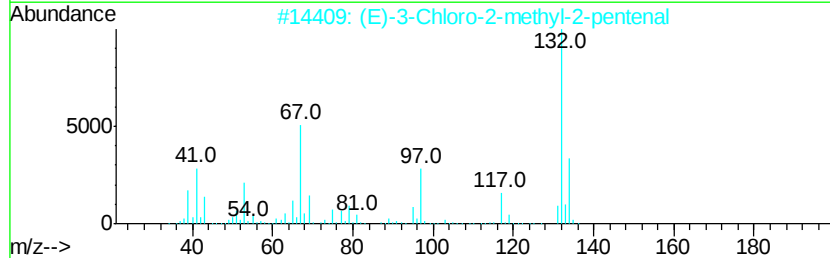
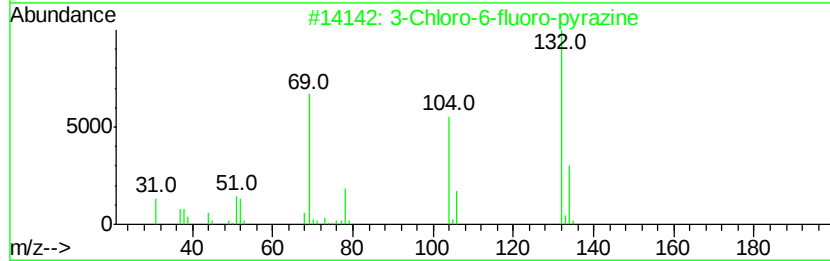
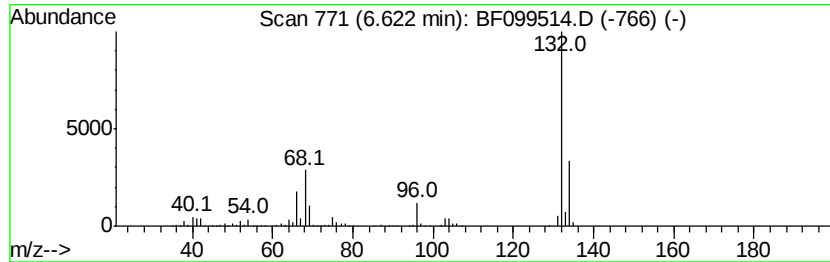
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	70.26 ng	1982160	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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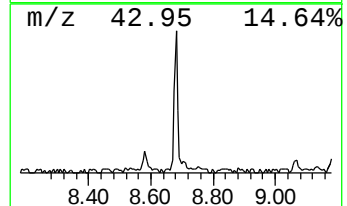
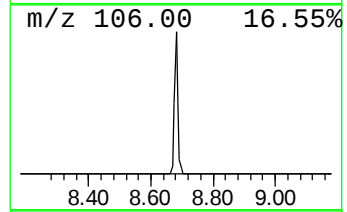
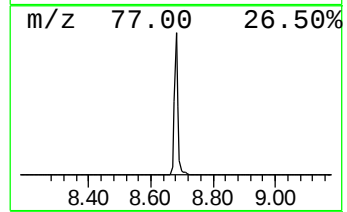
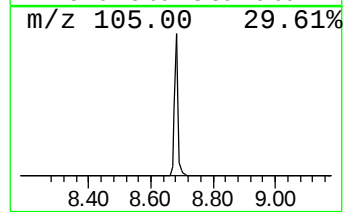
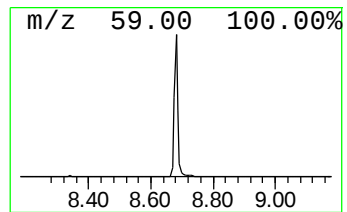
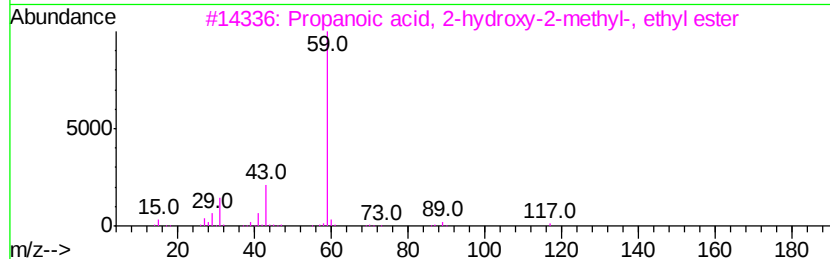
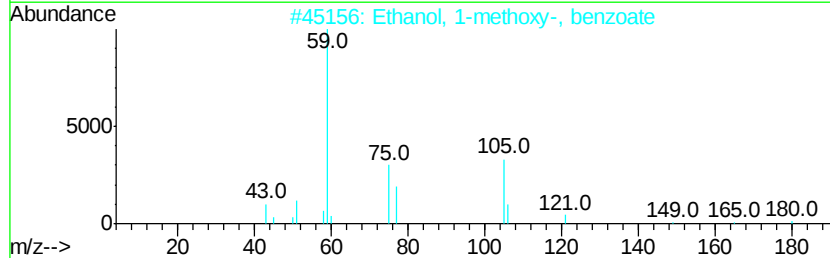
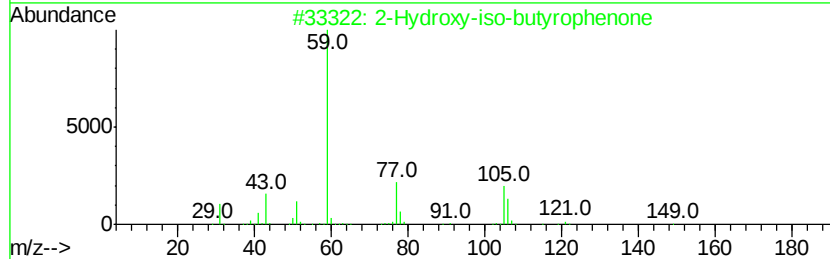
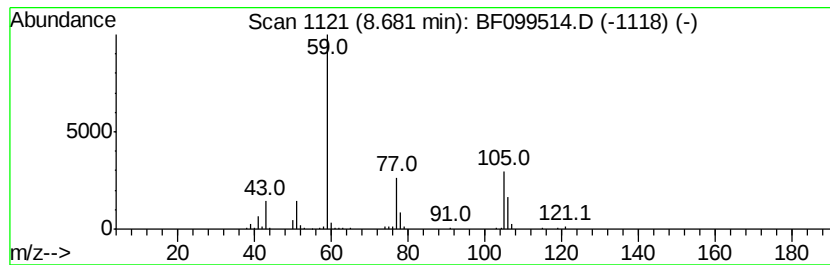
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Hydroxy-iso-butyrophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.68	5.07 ng	189927	Naphthalene-d8	8.13		
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	56	
3	Propanoic acid, 2-hydroxy-2-meth...	132	C6H12O3	000080-55-7	9	
4	Propionic acid, 2-isopropoxy-, m...	146	C7H14O3	1000151-15-1	9	
5	Formamide, N-methyl-	59	C2H5NO	000123-39-7	7	



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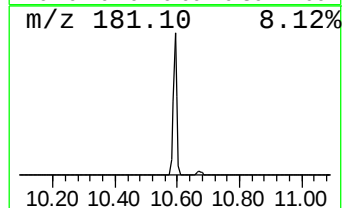
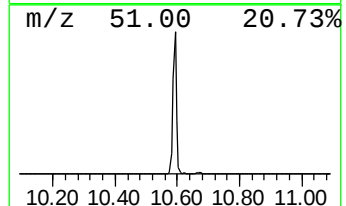
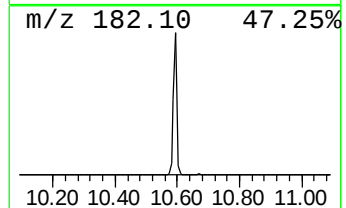
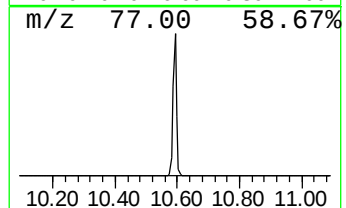
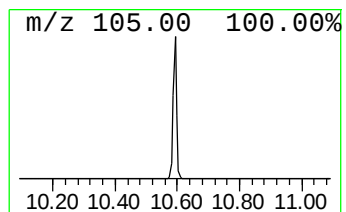
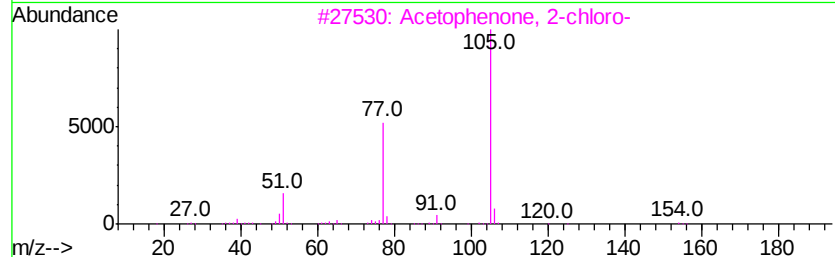
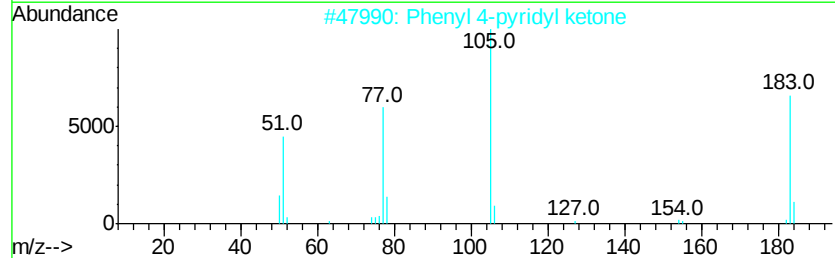
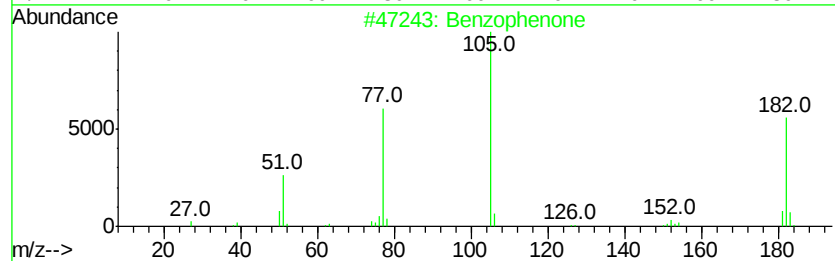
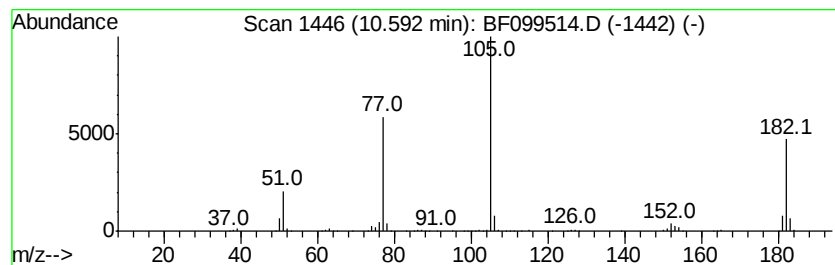
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	18.37 ng	699955	Acenaphthene-d10	9.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzophenone	182	C13H10O	000119-61-9	96
2		Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	52
3		Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4		S-Benzoyl(thiohydroxylamine)	153	C7H7NOS	025740-80-1	47
5		Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	47



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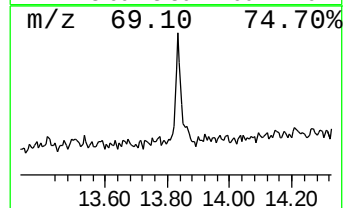
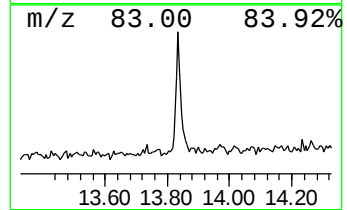
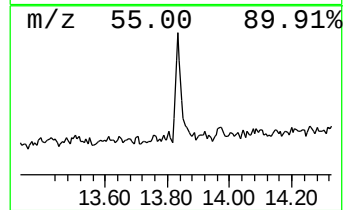
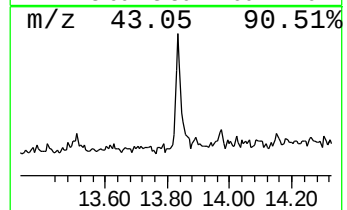
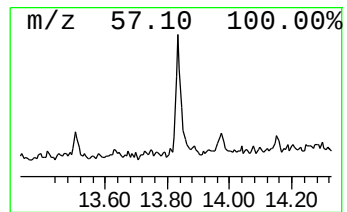
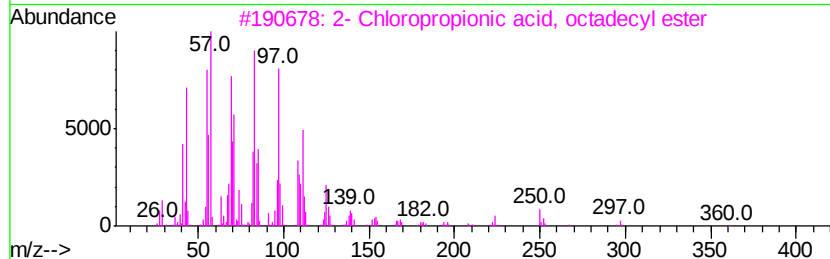
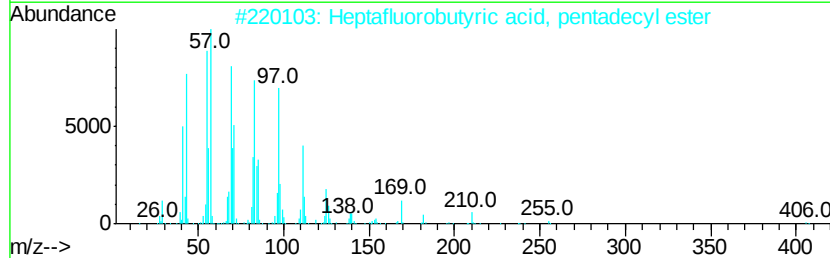
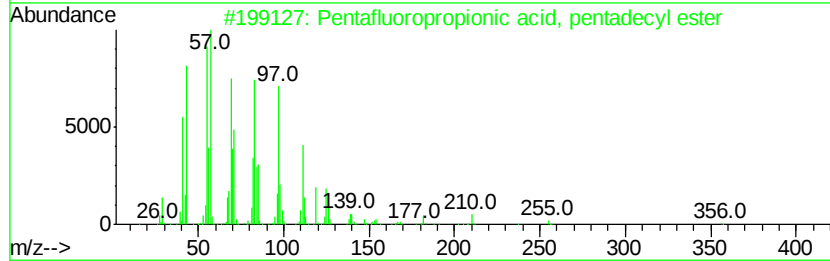
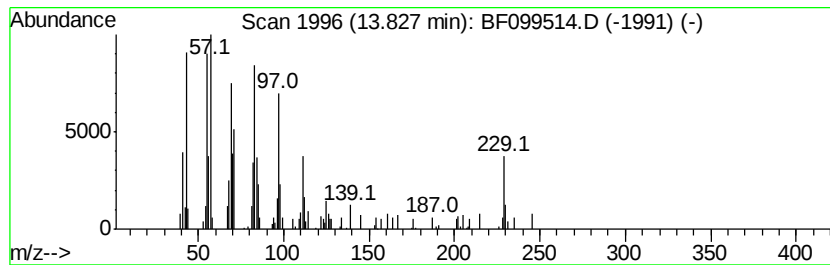
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Peak Number 6 Pentafluoropropionic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	4.40 ng	128483	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	95
2		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
4		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
5		Behenic alcohol	326	C22H46O	000661-19-8	93



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Sample : I5752-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-118-7(5-10)

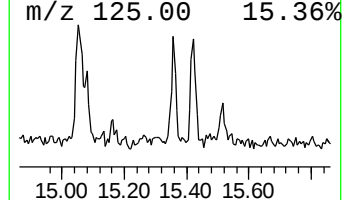
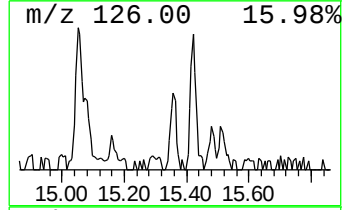
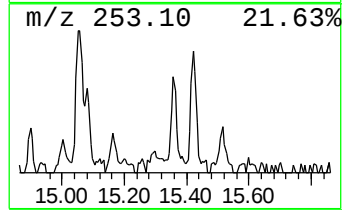
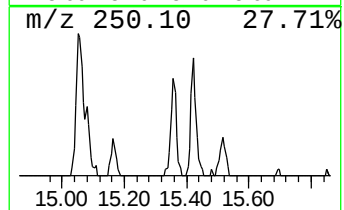
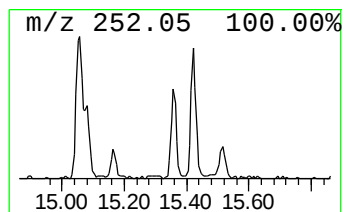
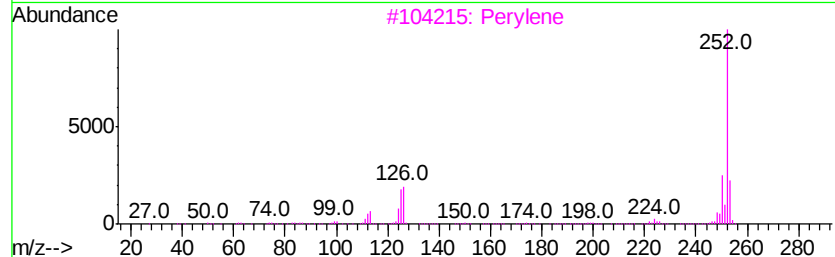
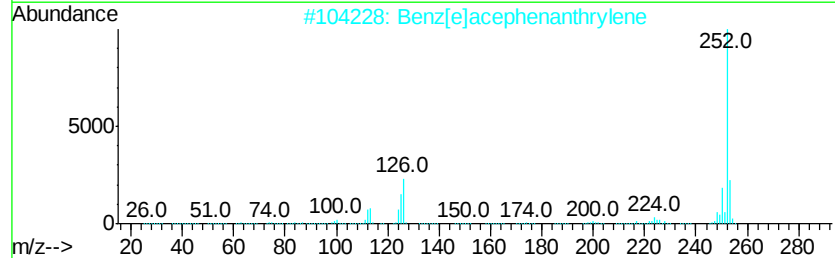
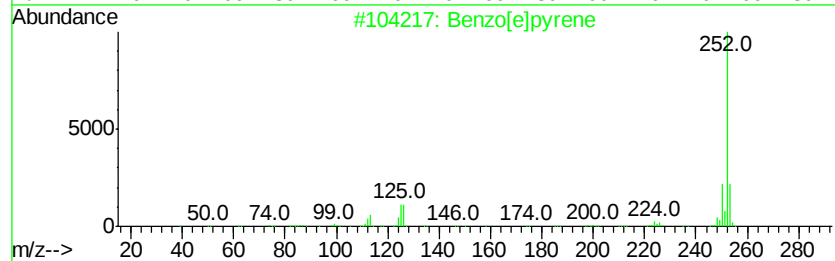
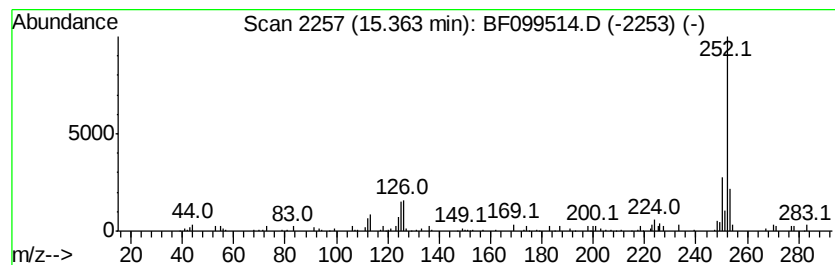
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	2.07 ng	59726	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3		Perylene	252	C20H12	000198-55-0	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	89



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF101517\
Data File : BF099514.D
Acq On : 15 Oct 2017 15:26
Operator : SJ/JU
Sample : I5752-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-118-7(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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...	5.07	12.5	ng	351668	1	6.85	564203	20.0
unknown6.62	6.62	70.3	ng	1982160	1	6.85	564203	20.0
2-Hydroxy-iso-but...	8.68	5.1	ng	189927	2	8.13	748555	20.0
Benzophenone	10.59	18.4	ng	699955	3	9.88	762168	20.0
Pentafluoropropio...	13.83	4.4	ng	128483	5	14.01	584536	20.0
Benzo[e]pyrene	15.36	2.1	ng	59726	6	15.48	578221	20.0