

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF040218\
 Data File : BF104128.D
 Acq On : 2 Apr 2018 12:11
 Operator : JU/SJ
 Sample : J2103-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS

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-BF032818.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	2.269	26	31	38	rVB	243859	322097	8.67%	1.221%
2	5.181	522	526	534	rBV	128192	154944	4.17%	0.587%
3	5.587	592	595	621	rBV	566134	982759	26.47%	3.724%
4	6.593	763	766	786	rBV	266499	658185	17.73%	2.494%
5	6.728	786	789	812	rVV	1821852	2260802	60.89%	8.568%
6	6.957	825	828	850	rBV	385074	593628	15.99%	2.250%
7	7.110	850	854	878	rBV	2027357	2307394	62.14%	8.744%
8	7.522	921	924	945	rBV	1175721	1823741	49.12%	6.911%
9	8.239	1042	1046	1065	rBV	686259	886375	23.87%	3.359%
10	9.222	1210	1213	1215	rBV3	36422	39120	1.05%	0.148%
11	9.310	1223	1228	1237	rBV	3073657	3712966	100.00%	14.071%
12	9.381	1237	1240	1244	rVB3	90927	134001	3.61%	0.508%
13	9.616	1278	1280	1282	rBV3	40007	38136	1.03%	0.145%
14	9.692	1290	1293	1297	rBV3	348702	387380	10.43%	1.468%
15	9.751	1301	1303	1306	rVV2	72972	61810	1.66%	0.234%
16	9.851	1316	1320	1322	rBV3	242761	241636	6.51%	0.916%
17	9.875	1322	1324	1325	rVV	79426	67306	1.81%	0.255%
18	9.898	1325	1328	1331	rVB2	426839	393509	10.60%	1.491%
19	9.998	1338	1345	1350	rBV2	952734	1320300	35.56%	5.004%
20	10.310	1395	1398	1399	rBV3	136125	146703	3.95%	0.556%
21	10.398	1410	1413	1416	rVB2	483498	457160	12.31%	1.733%
22	10.633	1449	1453	1455	rBV2	275034	334210	9.00%	1.267%
23	10.798	1477	1481	1488	rBV	1561282	2119404	57.08%	8.032%
24	10.898	1495	1498	1501	rBV3	563200	497325	13.39%	1.885%
25	11.498	1597	1600	1609	rVB	715296	893764	24.07%	3.387%
26	13.086	1865	1870	1875	rBV	2727913	3051717	82.19%	11.565%
27	13.951	2015	2017	2021	rVB2	100675	98670	2.66%	0.374%
28	14.151	2047	2051	2061	rVB	988892	1124940	30.30%	4.263%
29	14.745	2149	2152	2160	rVB3	65329	107482	2.89%	0.407%
30	14.898	2176	2178	2182	rVB2	39175	40634	1.09%	0.154%
31	15.692	2305	2313	2330	rVB	676327	1129006	30.41%	4.279%

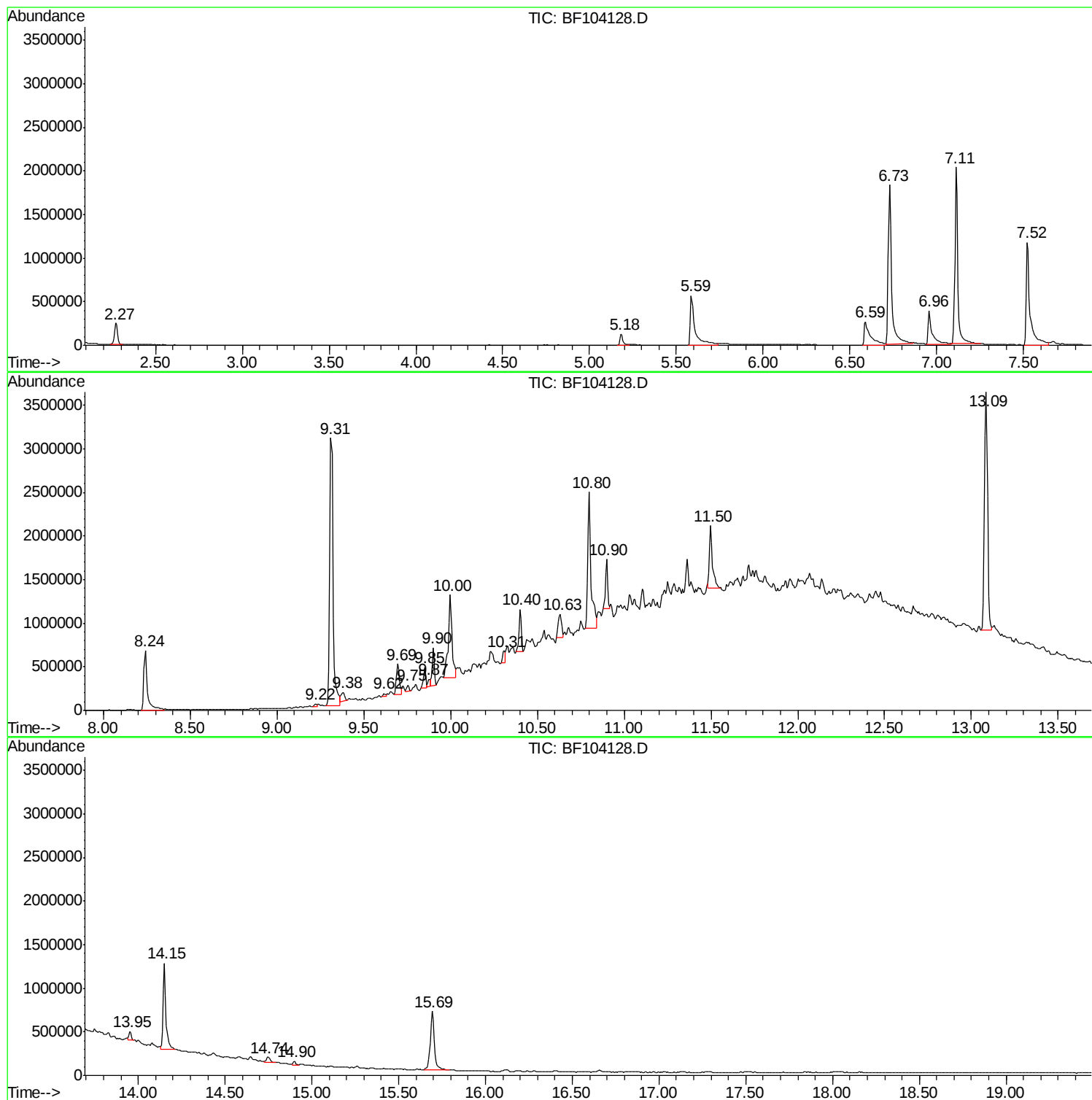
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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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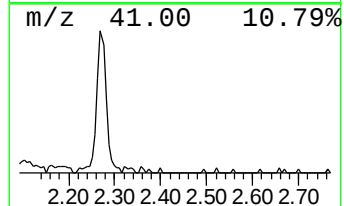
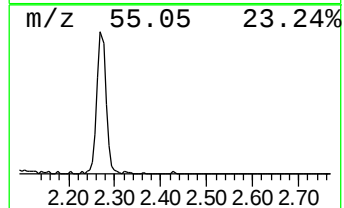
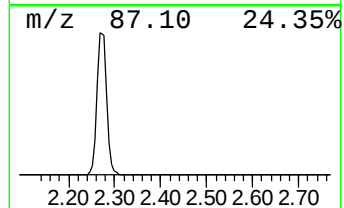
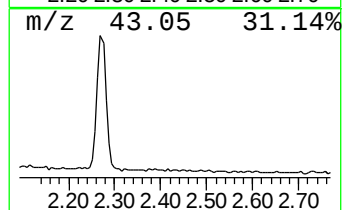
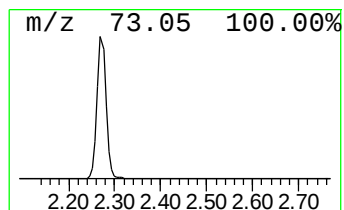
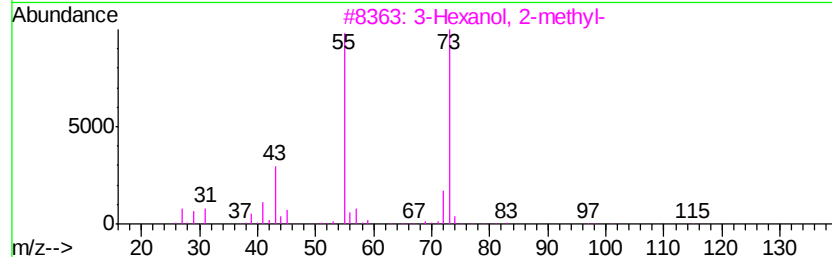
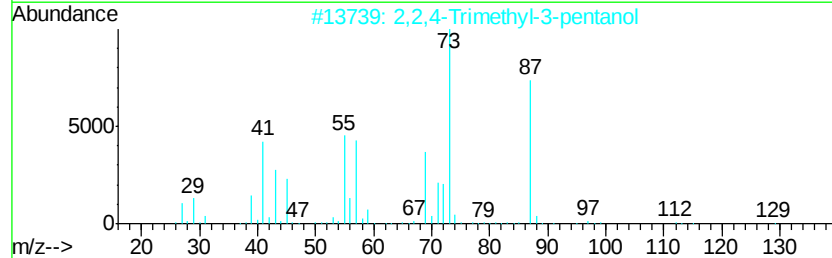
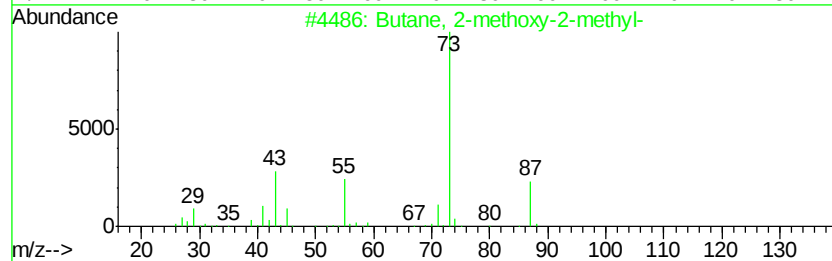
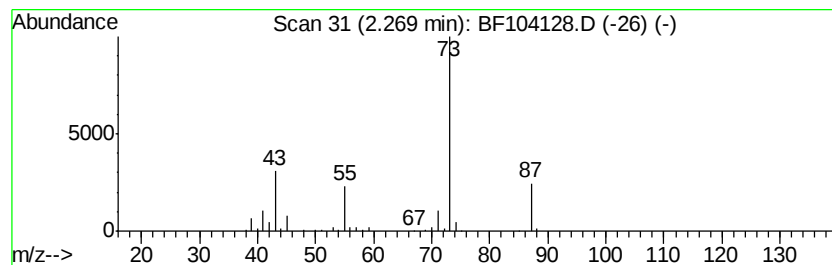
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.27	10.85 ng	322097	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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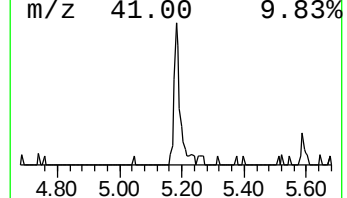
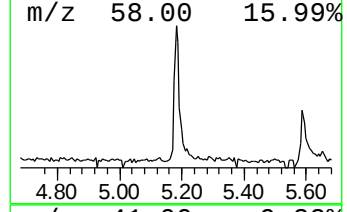
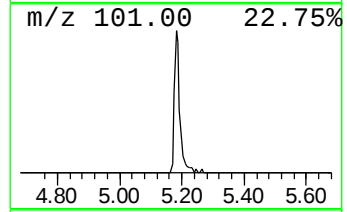
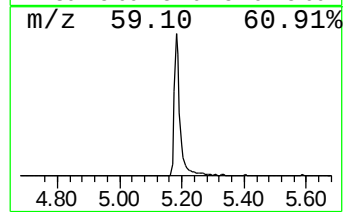
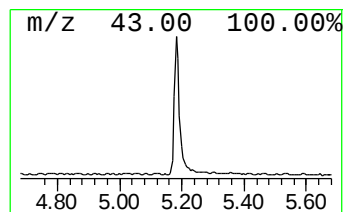
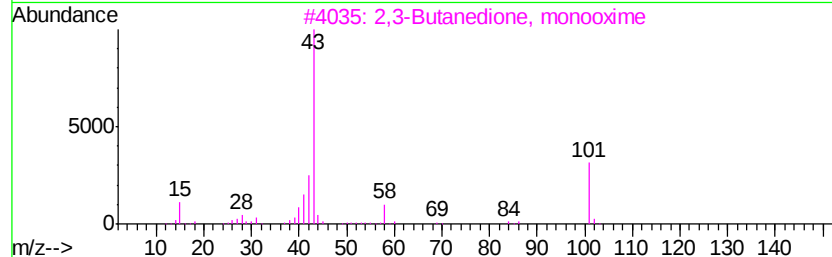
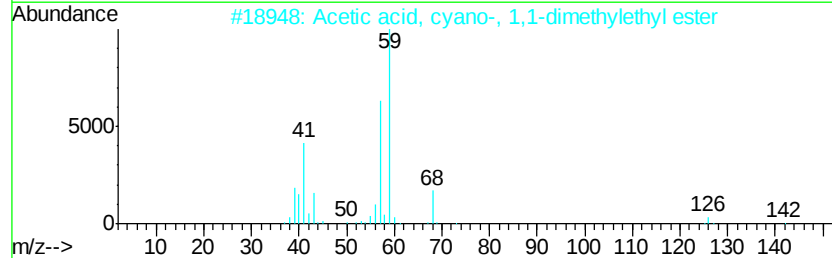
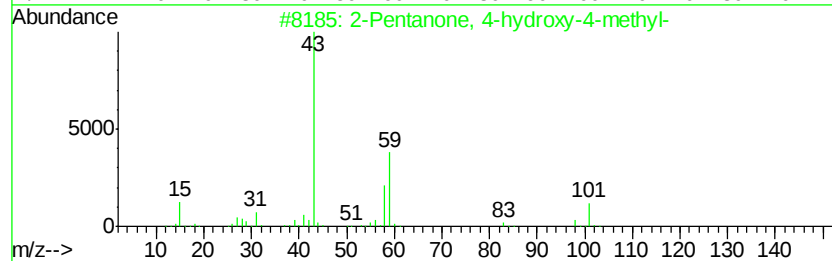
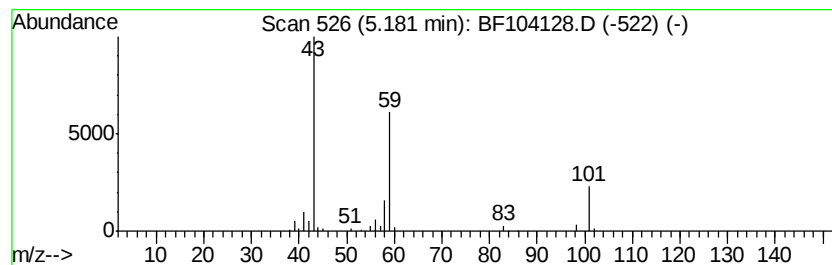
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	5.22 ng	154944	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4		Acetone	58	C3H6O	000067-64-1	10
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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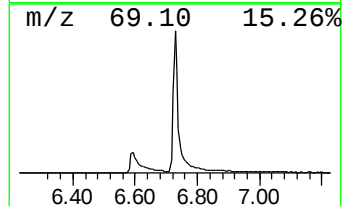
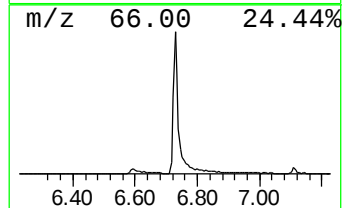
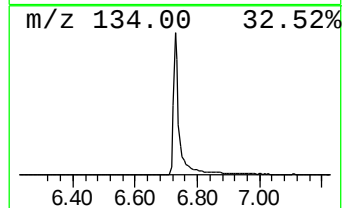
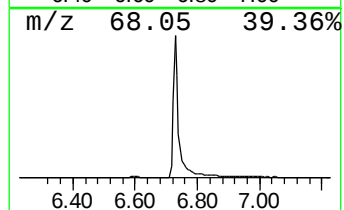
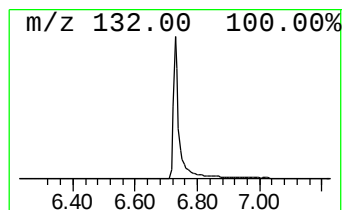
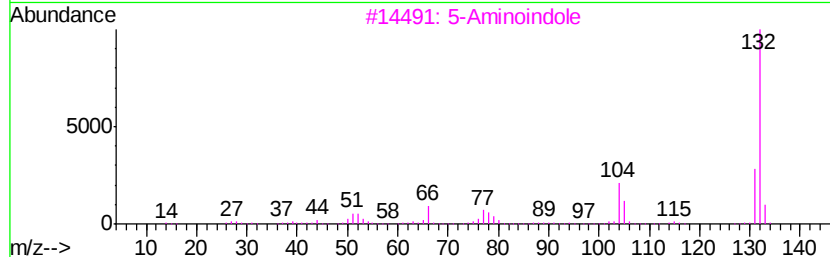
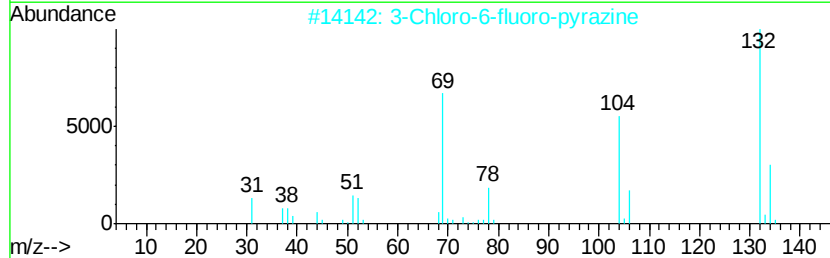
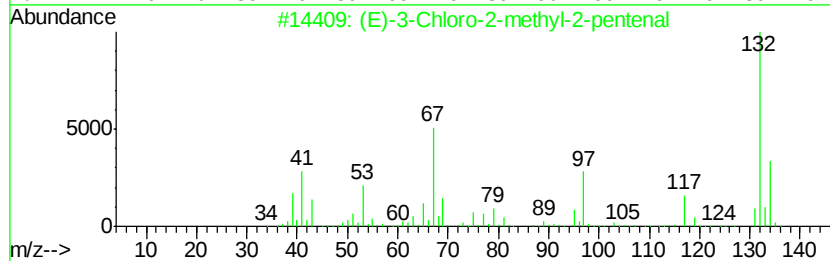
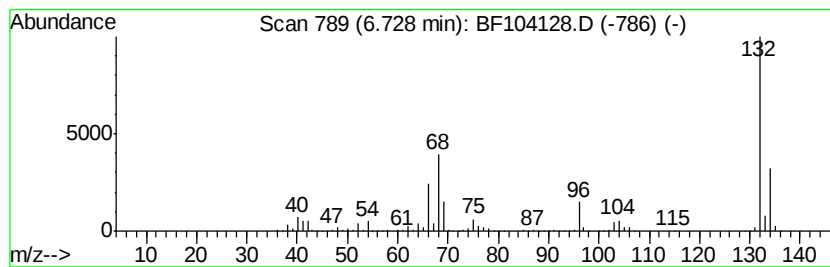
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.73 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	76.17 ng	2260800	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9



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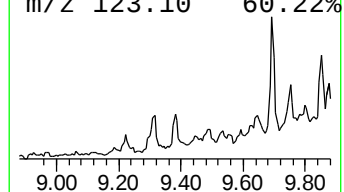
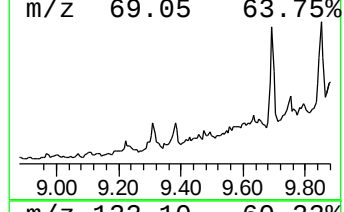
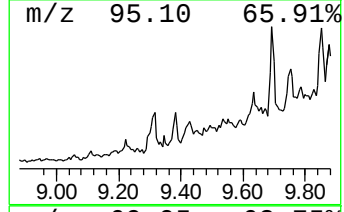
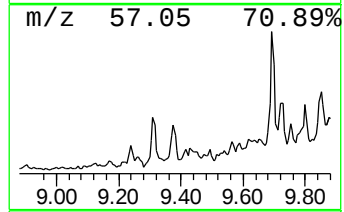
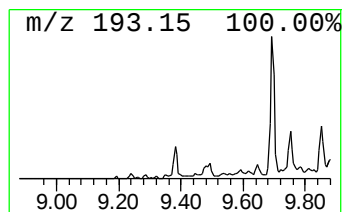
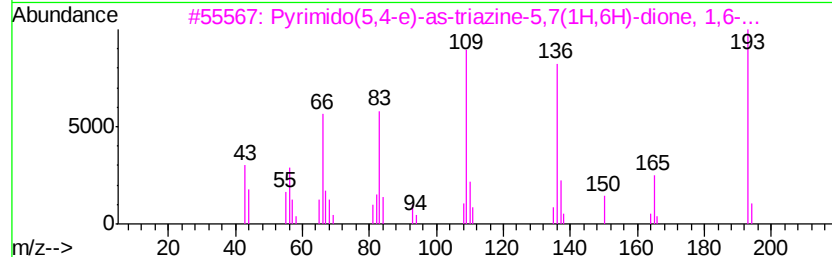
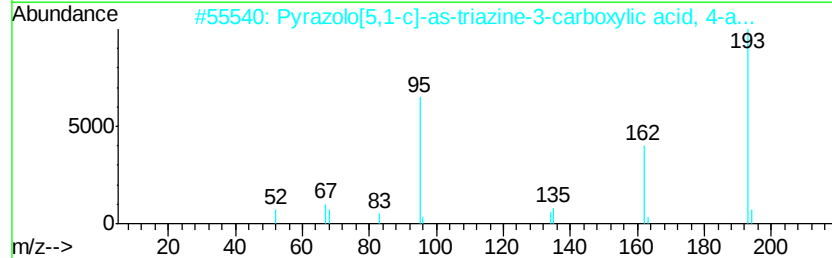
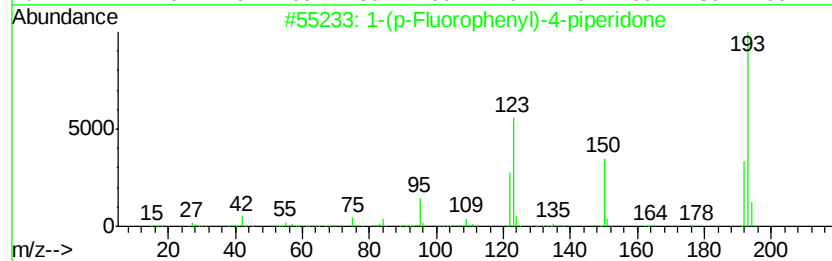
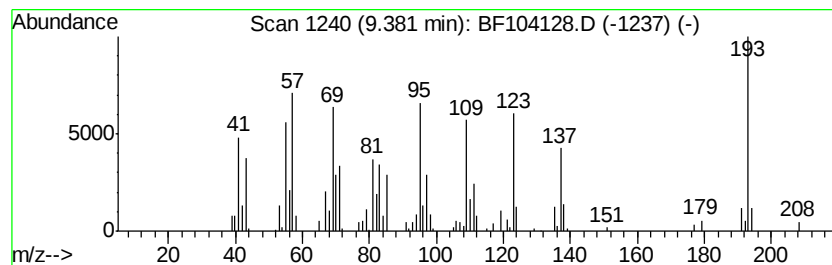
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Peak Number 5 unknown9.38 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	2.03 ng	134001	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35
2		Pyrazolo[5,1-c]-as-triazine-3-ca...	193	C6H7N7O	016111-78-7	30
3		Pyrimido(5,4-e)-as-triazine-5,7(...	193	C7H7N5O2	000084-82-2	22
4		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	15
5		2-Aminobenzothiazol-6-carboxamide	193	C8H7N3OS	111962-90-4	14



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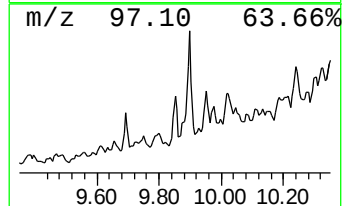
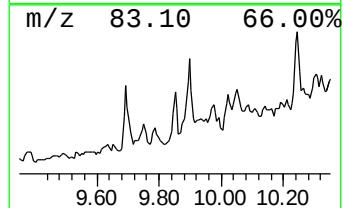
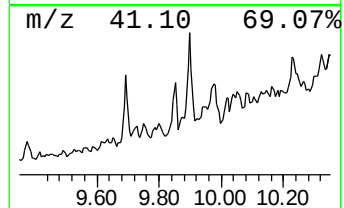
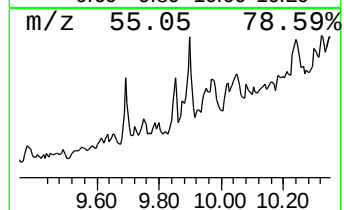
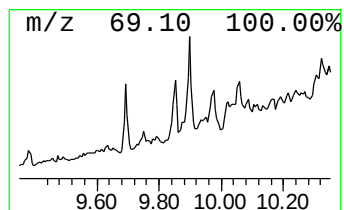
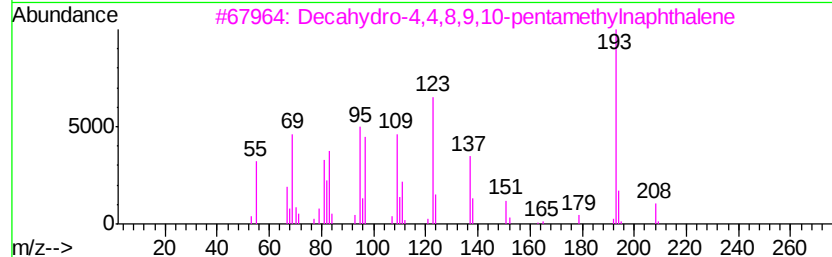
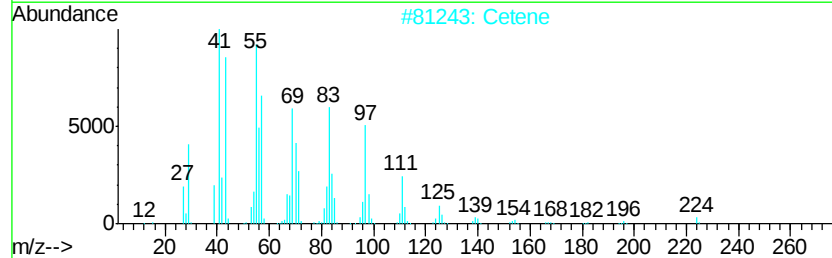
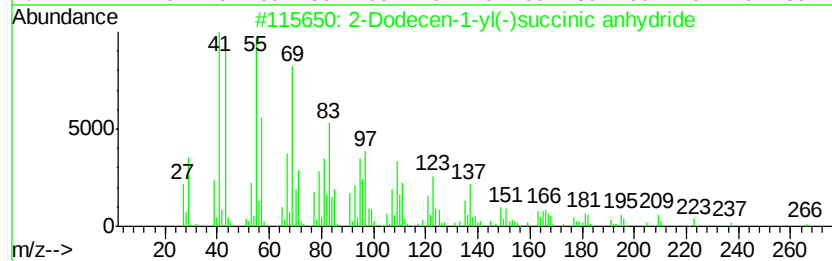
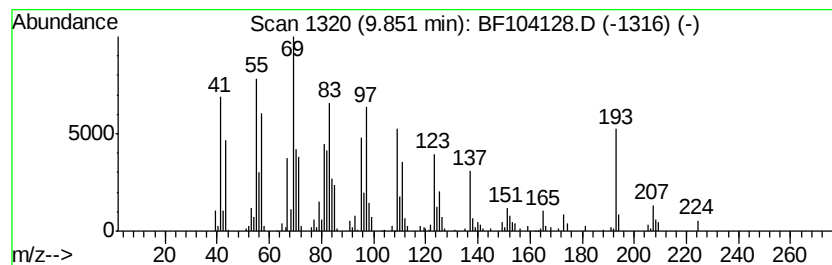
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Peak Number 6 2-Dodecen-1-yl(-)succinic a... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	3.66 ng	241636	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Dodecen-1-yl(-)succinic anhydride	266	C16H26O3	019780-11-1	68
2		Cetene	224	C16H32	000629-73-2	40
3		Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
4		1,1'-Bicyclohexyl, 2-propyl-, cis-	208	C15H28	054934-88-2	35
5		1,1'-Bicyclohexyl, 2-propyl-, tr...	208	C15H28	054934-89-3	35



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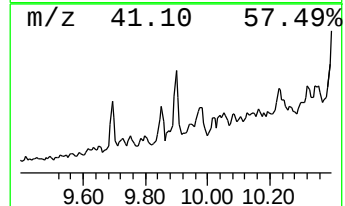
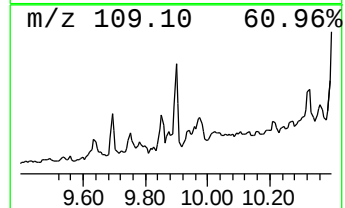
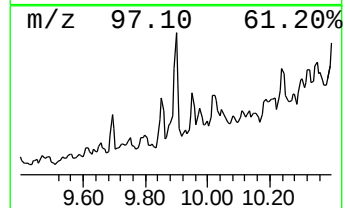
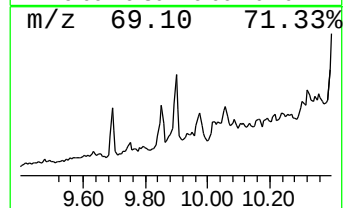
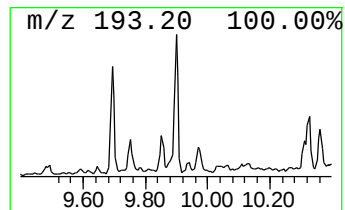
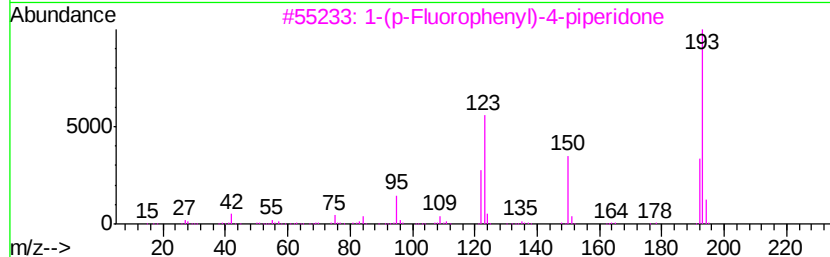
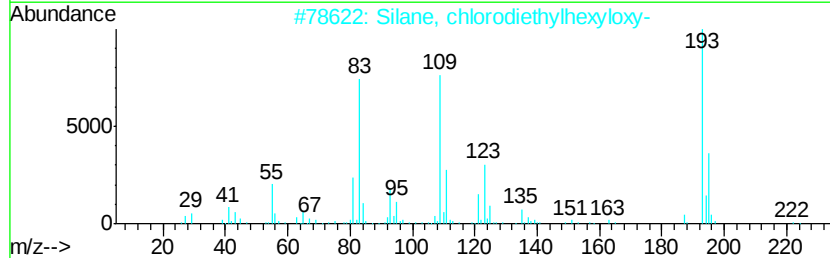
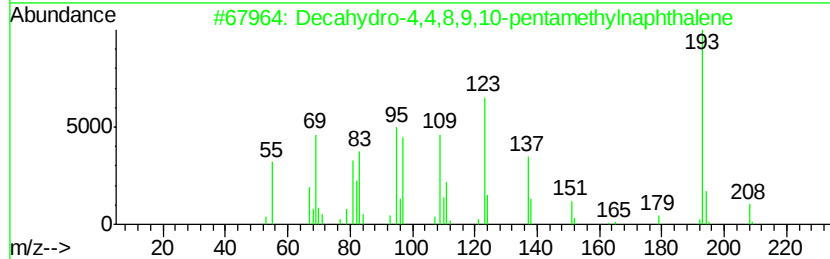
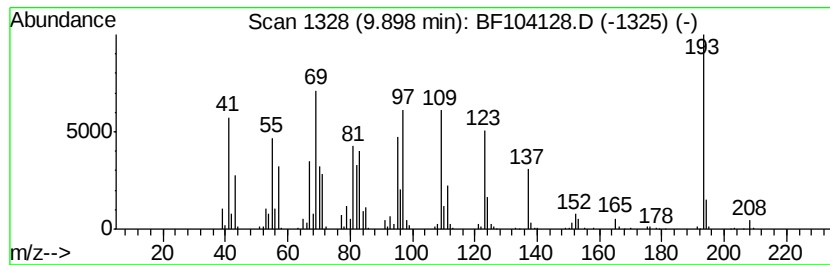
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decahydro-4,4,8,9,10-pentam... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	5.96 ng	393509	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	80
2		Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	47
3		1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35
4		2-Phenylindolizine	193	C14H11N	025379-20-8	25
5		Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	14



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104128.D
Acq On : 2 Apr 2018 12:11
Operator : JU/SJ
Sample : J2103-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
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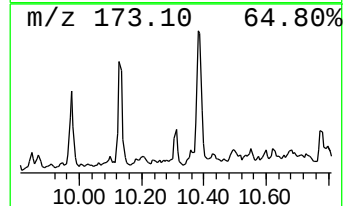
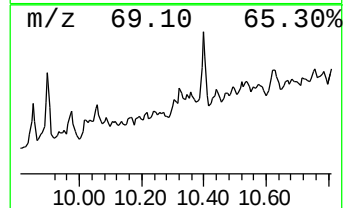
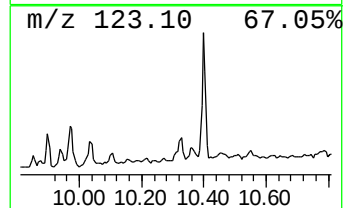
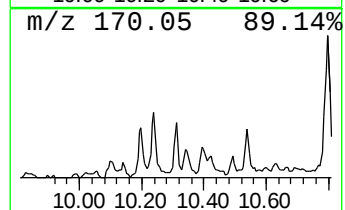
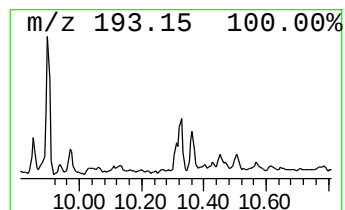
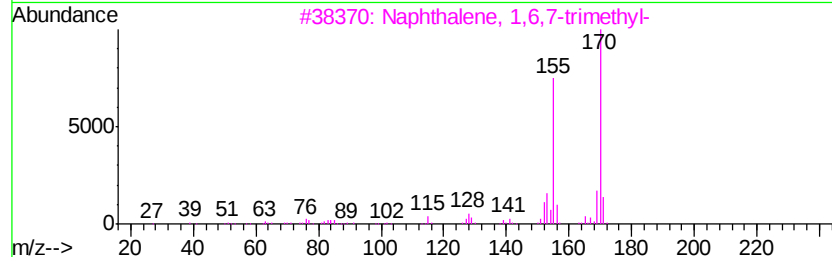
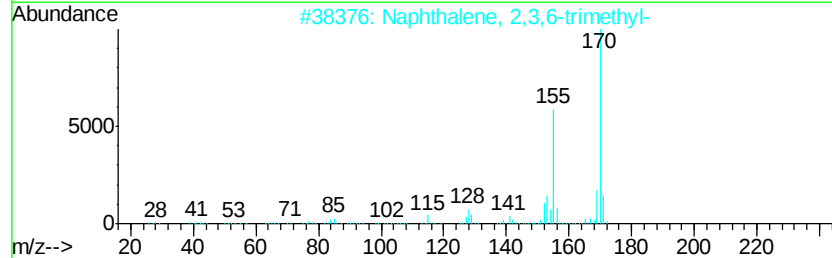
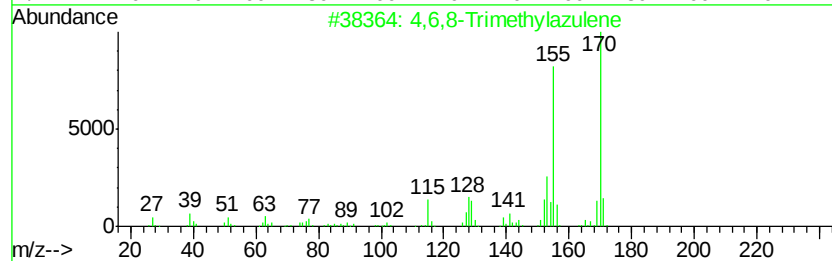
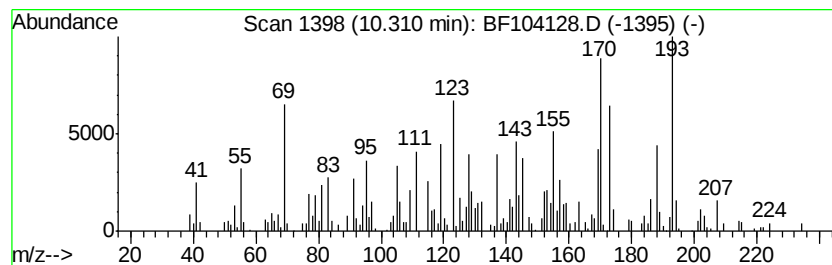
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown10.31 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	2.22 ng	146703	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	35
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	25
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	22
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	15
5		1H,3H-Thieno[3,4-c]thiophene, 4,...	170	C8H10S2	015441-54-0	15



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104128.D
Acq On : 2 Apr 2018 12:11
Operator : JU/SJ
Sample : J2103-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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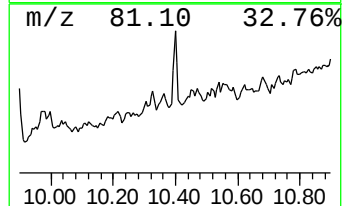
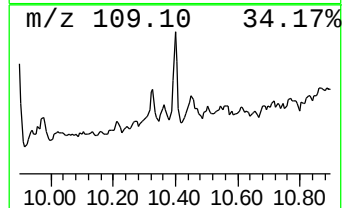
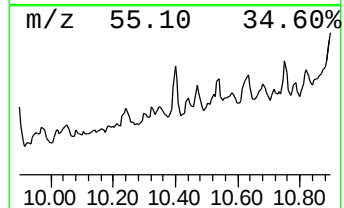
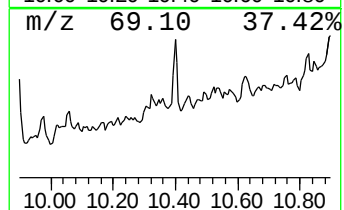
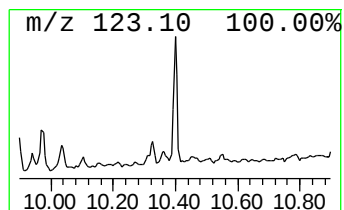
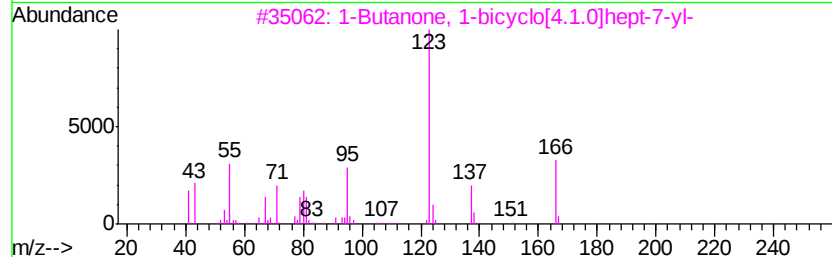
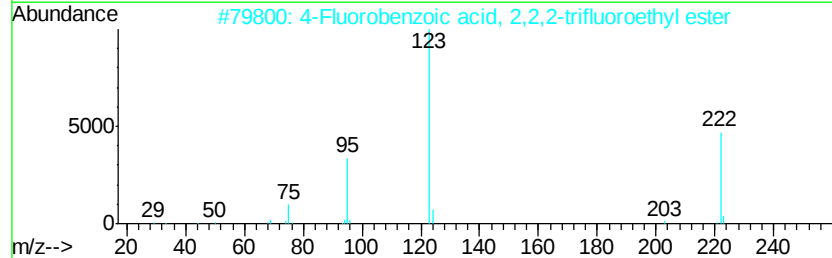
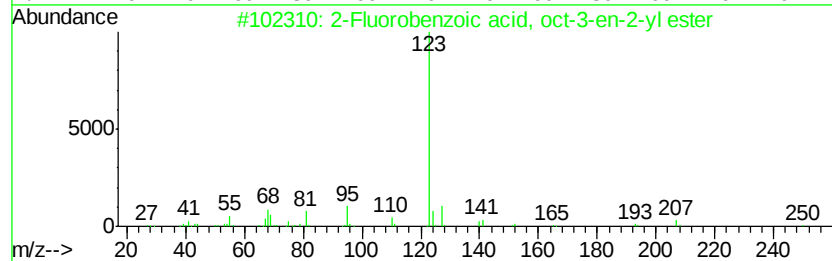
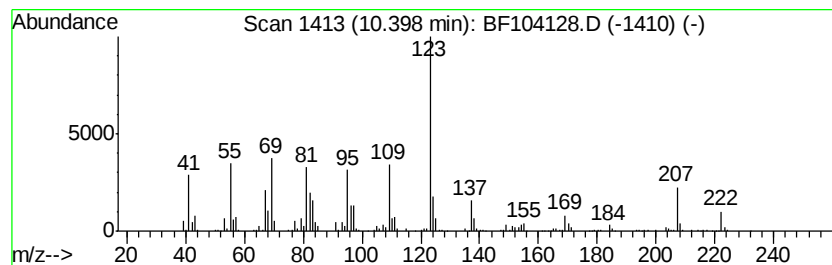
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown10.40 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	6.93 ng	457160	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Fluorobenzoic acid, oct-3-en-2...	250	C15H19F02	1000299-16-5	47
2		4-Fluorobenzoic acid, 2,2,2-trif...	222	C9H6F402	1000325-53-2	47
3		1-Butanone, 1-bicyclo[4.1.0]hept...	166	C11H18O	054764-62-4	47
4		(Phenylthio)acetic acid, cyclobu...	222	C12H14O2S	1000299-95-5	46
5		3-Fluorobenzoic acid, 3-chloropr...	214	C10H8ClF02	1000292-61-0	43



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104128.D
Acq On : 2 Apr 2018 12:11
Operator : JU/SJ
Sample : J2103-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

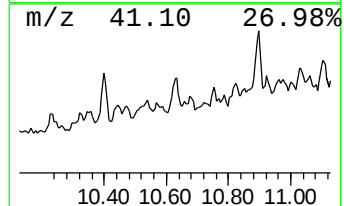
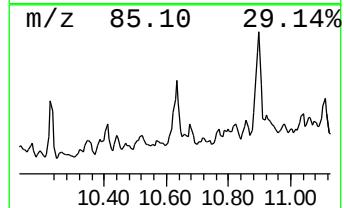
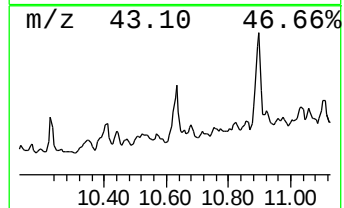
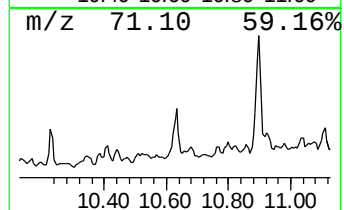
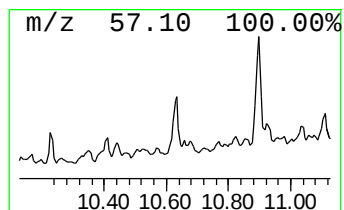
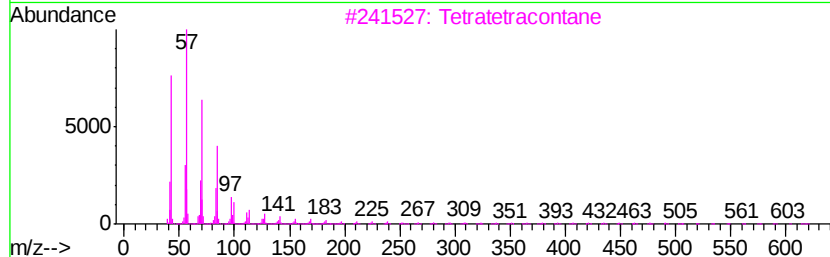
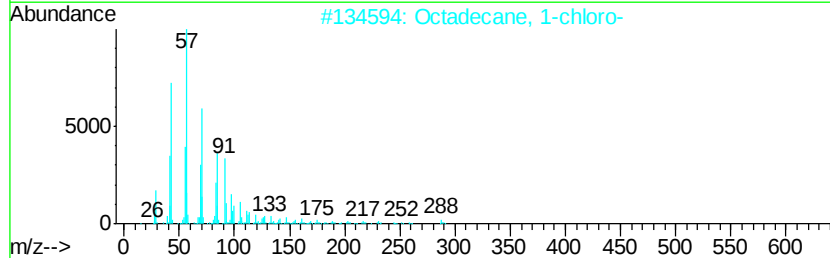
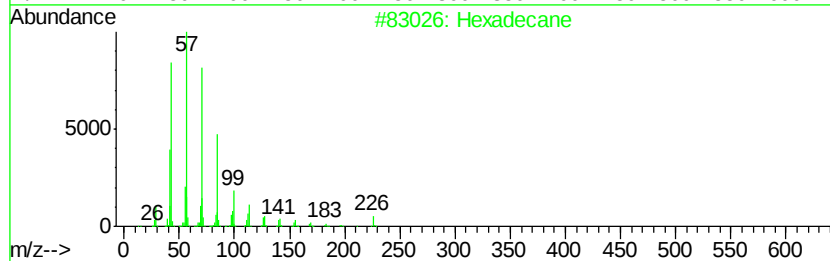
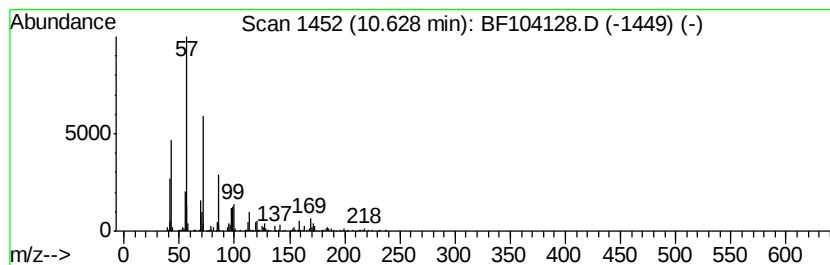
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.63	5.06 ng	334210	Acenaphthene-d10	10.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	86
3	Tetratetracontane	619	C44H90	007098-22-8	86
4	Tritetracontane	605	C43H88	007098-21-7	86
5	Dodecane	170	C12H26	000112-40-3	81



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104128.D
Acq On : 2 Apr 2018 12:11
Operator : JU/SJ
Sample : J2103-09
Misc :
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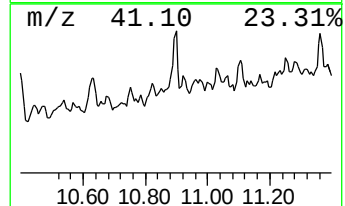
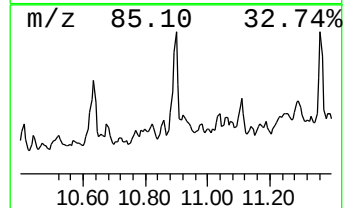
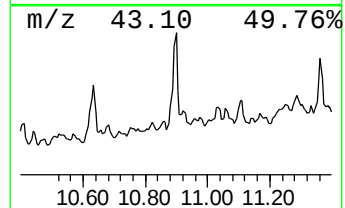
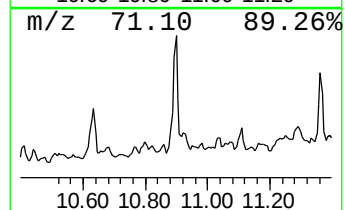
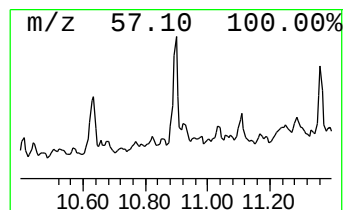
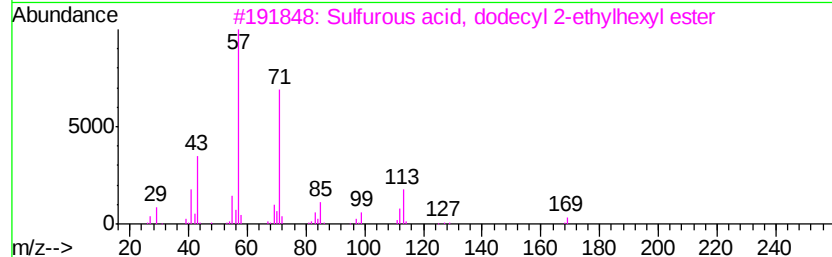
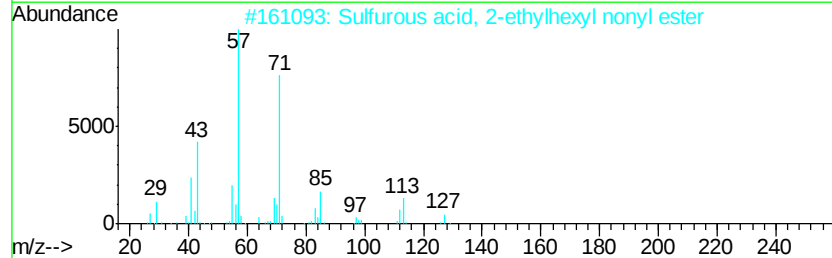
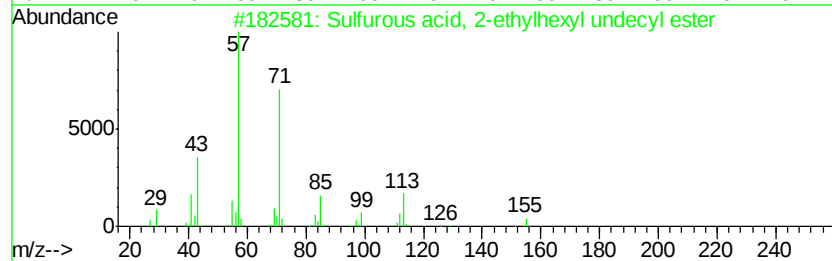
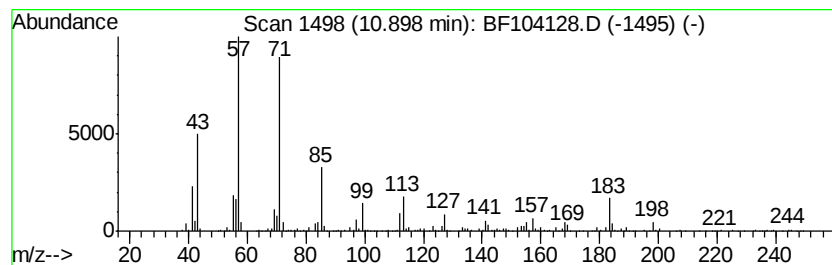
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Sulfurous acid, 2-ethylhexy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.90	11.13 ng	497325	Phenanthrene-d10	11.50		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	74
2		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
3		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	62
5		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF040218\
Data File : BF104128.D
Acq On : 2 Apr 2018 12:11
Operator : JU/SJ
Sample : J2103-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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
Butane, 2-methoxy...	2.27	10.9	ng	322097	1	6.96	593628	20.0
2-Pentanone, 4-hy...	5.18	5.2	ng	154944	1	6.96	593628	20.0
unknown6.73	6.73	76.2	ng	2260800	1	6.96	593628	20.0
unknown9.38	9.38	2.0	ng	134001	3	10.00	1320300	20.0
2-Dodecen-1-yl(-)...	9.85	3.7	ng	241636	3	10.00	1320300	20.0
Decahydro-4,4,8,9...	9.90	6.0	ng	393509	3	10.00	1320300	20.0
unknown10.31	10.31	2.2	ng	146703	3	10.00	1320300	20.0
unknown10.40	10.40	6.9	ng	457160	3	10.00	1320300	20.0
Hexadecane	10.63	5.1	ng	334210	3	10.00	1320300	20.0
Sulfurous acid, 2...	10.90	11.1	ng	497325	4	11.50	893764	20.0