

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032818\
 Data File : BF104021.D
 Acq On : 28 Mar 2018 20:16
 Operator : JU/SJ
 Sample : J2086-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RS-124023-124035

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-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	2.287	29	34	44	rVB	85680	119465	4.08%	0.460%
2	5.210	528	531	544	rBV	61621	98217	3.35%	0.378%
3	5.598	594	597	624	rBV	1450607	2485061	84.81%	9.559%
4	6.598	763	767	787	rBV	1523128	2634957	89.93%	10.136%
5	6.739	787	791	826	rVV	2183579	2930122	100.00%	11.271%
6	6.963	826	829	846	rVV	454021	668160	22.80%	2.570%
7	7.122	852	856	881	rVB	1816318	2122143	72.43%	8.163%
8	7.528	921	925	948	rBV	1092226	1662890	56.75%	6.397%
9	8.245	1044	1047	1058	rBV	771433	916093	31.26%	3.524%
10	8.857	1148	1151	1153	rBV2	56034	63182	2.16%	0.243%
11	9.010	1174	1177	1180	rBV4	38169	45915	1.57%	0.177%
12	9.063	1184	1186	1190	rBV4	90014	97513	3.33%	0.375%
13	9.233	1212	1215	1216	rBV2	93235	76030	2.59%	0.292%
14	9.322	1225	1230	1238	rBV	2395315	2841462	96.97%	10.930%
15	9.386	1238	1241	1245	rVV2	253323	307770	10.50%	1.184%
16	9.704	1292	1295	1299	rBV2	1003231	1045284	35.67%	4.021%
17	9.763	1303	1305	1308	rVB4	192924	206954	7.06%	0.796%
18	9.863	1319	1322	1324	rBV2	695373	675640	23.06%	2.599%
19	9.910	1327	1330	1333	rVB	1158215	1061044	36.21%	4.082%
20	9.951	1335	1337	1338	rBV	260333	203319	6.94%	0.782%
21	9.992	1340	1344	1345	rBV2	715209	877640	29.95%	3.376%
22	10.416	1413	1416	1418	rBV	928920	812629	27.73%	3.126%
23	10.916	1499	1501	1504	rVB	764448	692219	23.62%	2.663%
24	13.092	1868	1871	1876	rVB	1595072	1580951	53.96%	6.081%
25	13.957	2015	2018	2024	rVB	269265	246297	8.41%	0.947%
26	14.157	2048	2052	2062	rVB	662840	785995	26.82%	3.024%
27	14.992	2191	2194	2198	rVB	131989	152691	5.21%	0.587%
28	15.698	2310	2314	2326	rVB	362993	586434	20.01%	2.256%

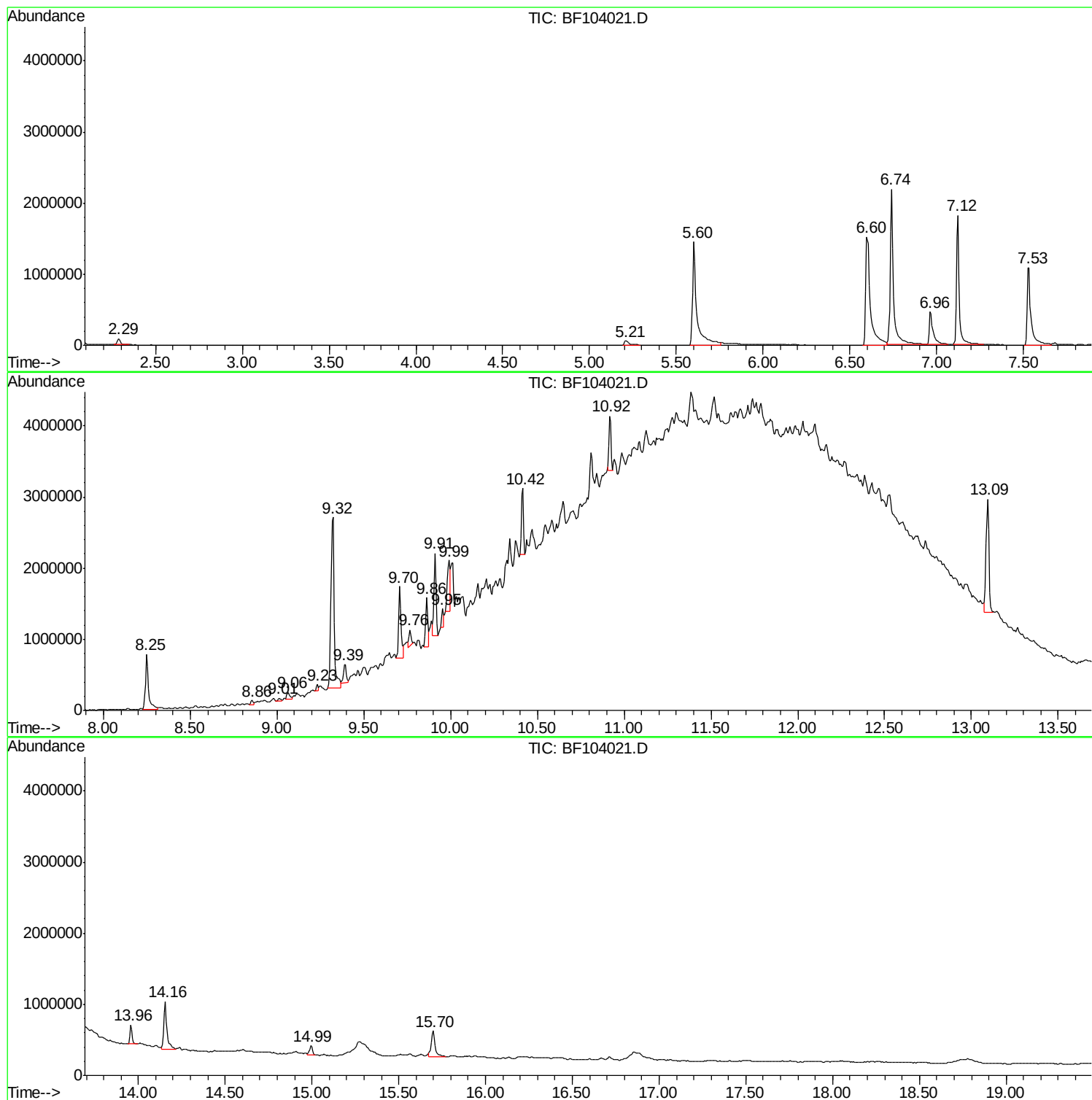
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RS-124023-124035

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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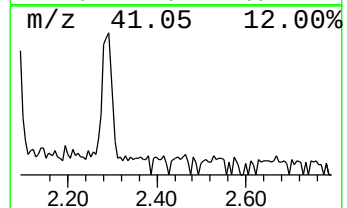
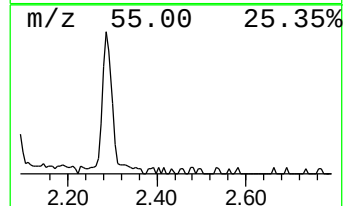
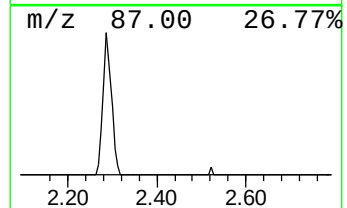
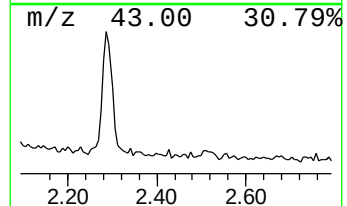
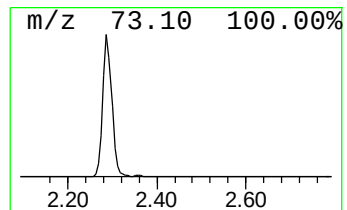
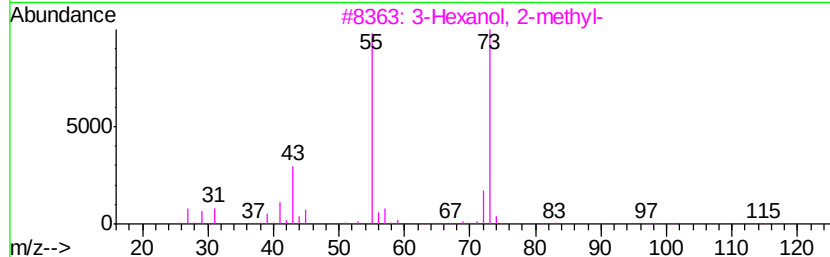
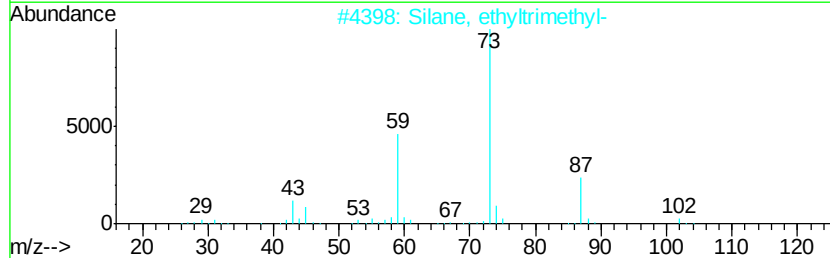
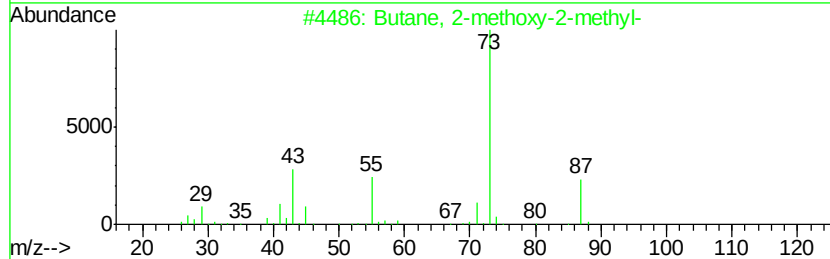
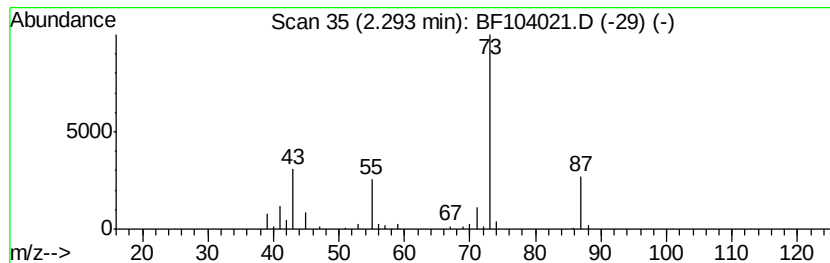
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.29	3.58 ng	119465	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
3		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
4		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10



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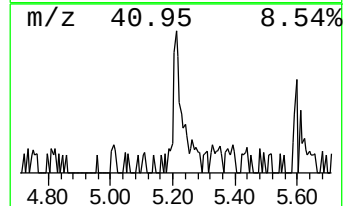
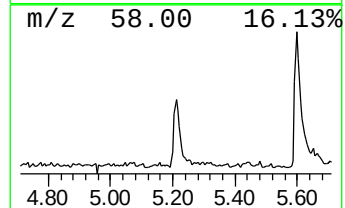
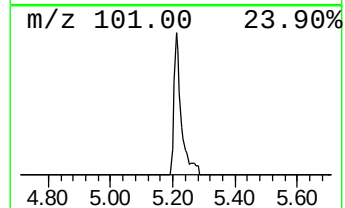
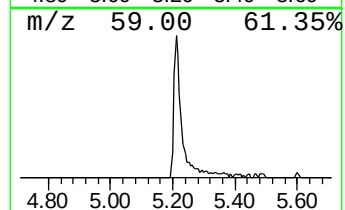
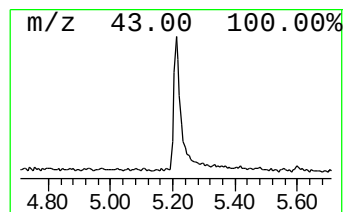
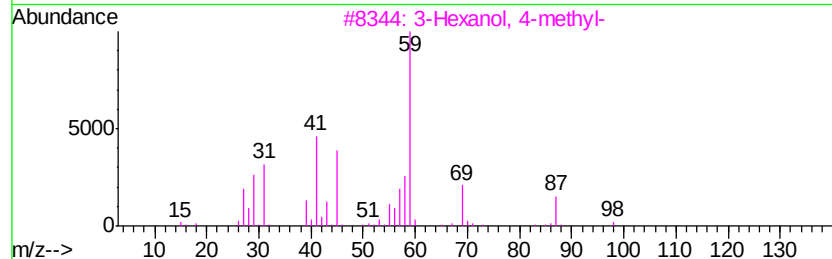
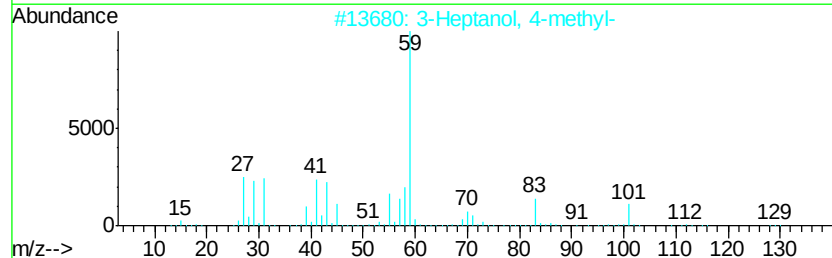
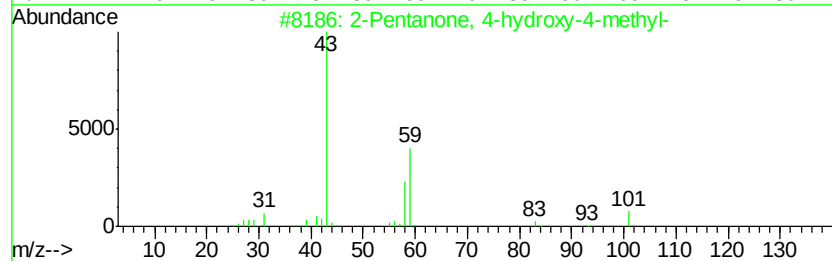
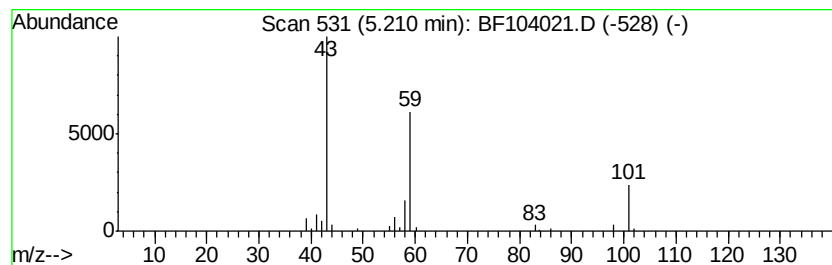
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	2.94 ng	98217	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	25
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
4			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	12
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



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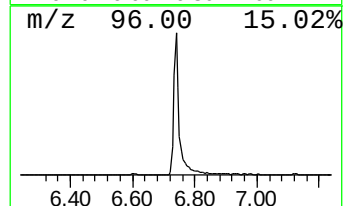
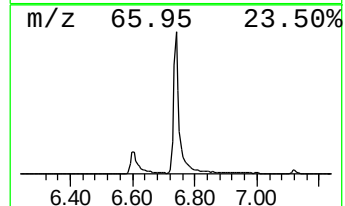
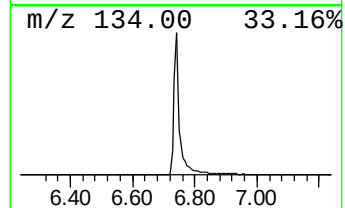
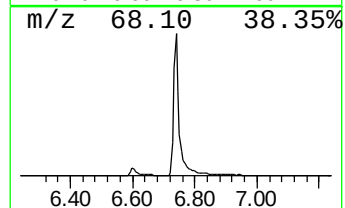
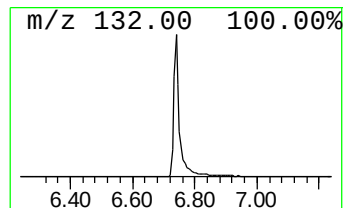
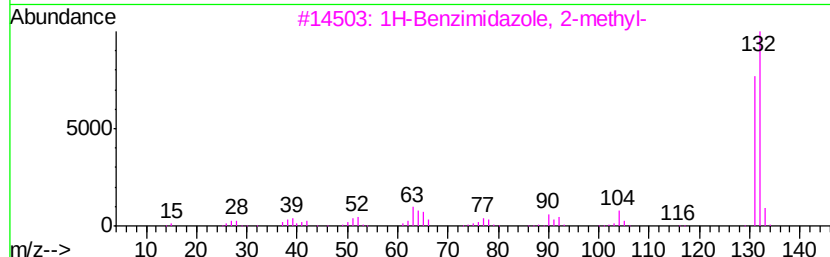
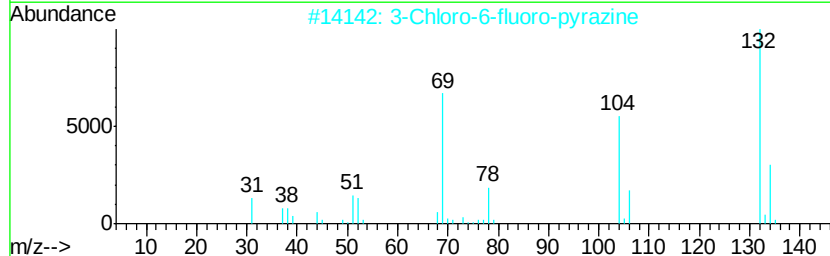
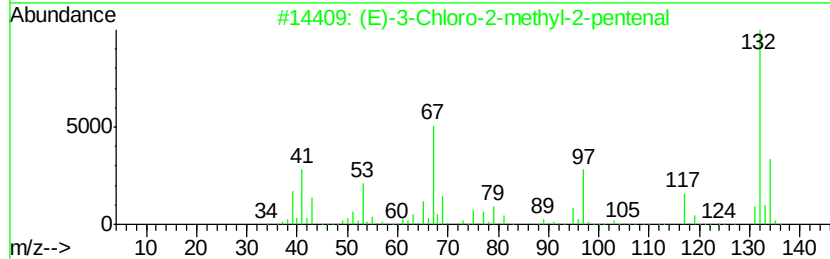
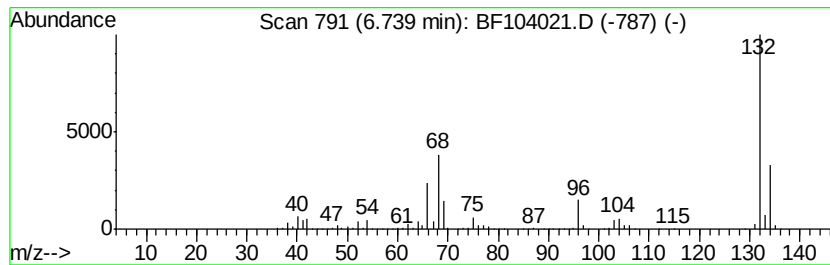
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Peak Number 3 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	87.71 ng	2930120	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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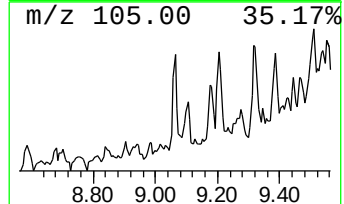
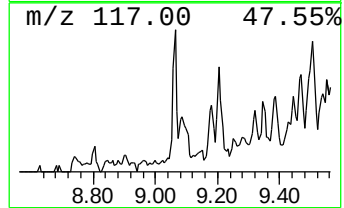
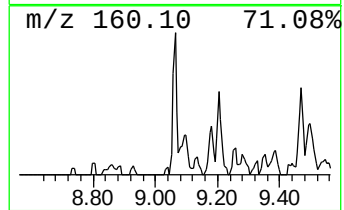
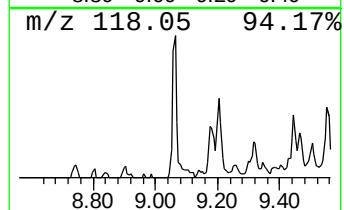
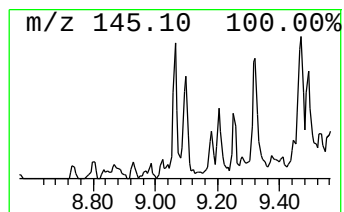
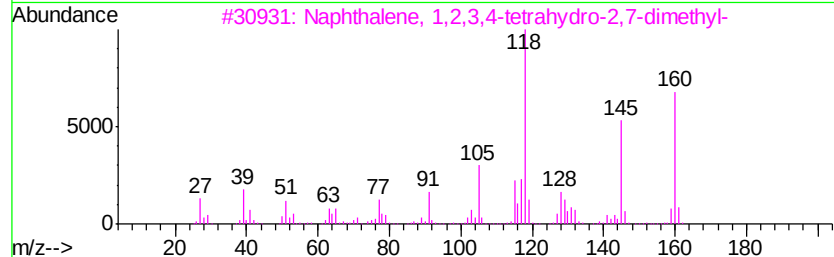
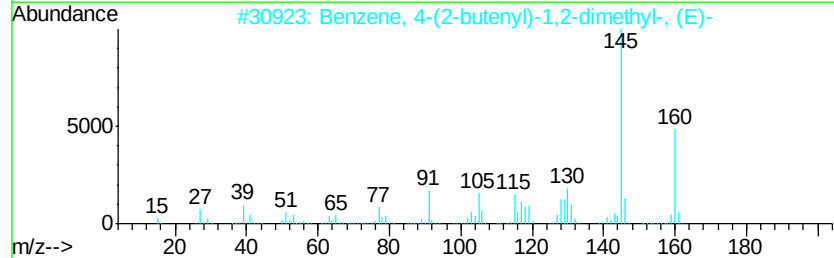
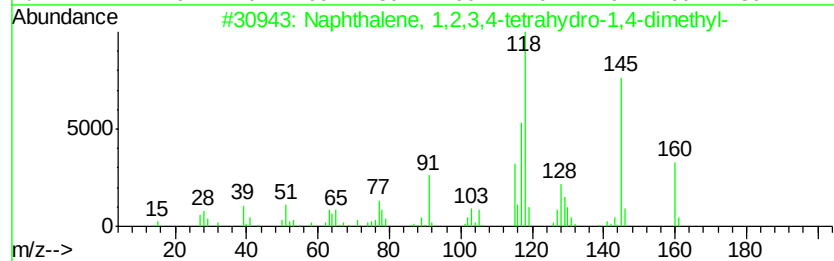
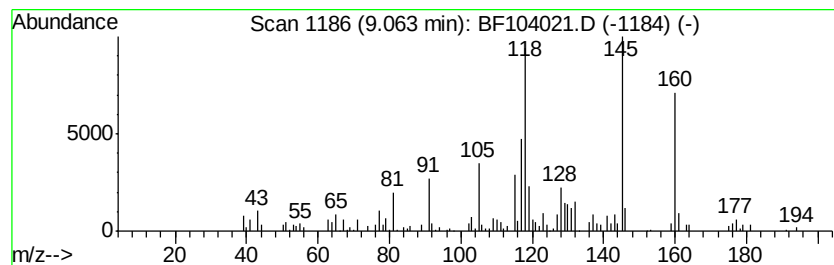
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Peak Number 5 Naphthalene, 1,2,3,4-tetra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	2.13 ng	97513	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	83
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	70
4		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	60



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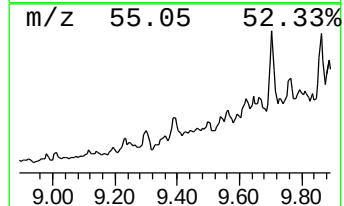
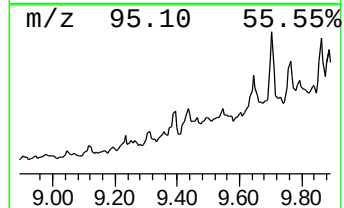
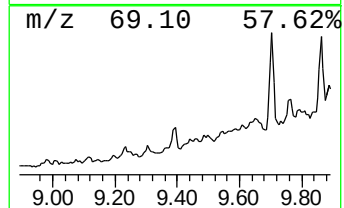
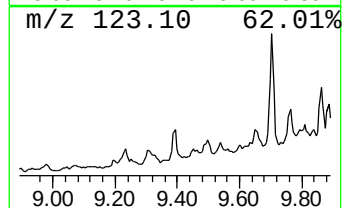
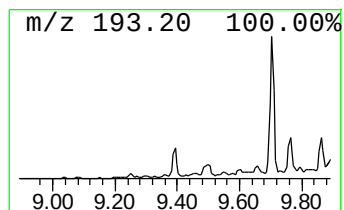
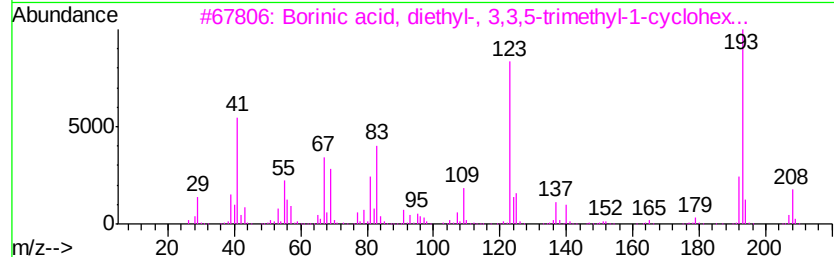
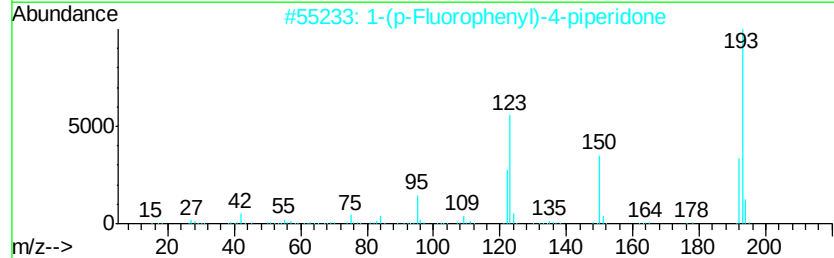
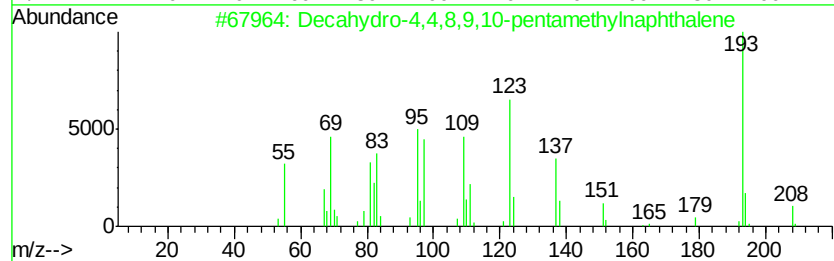
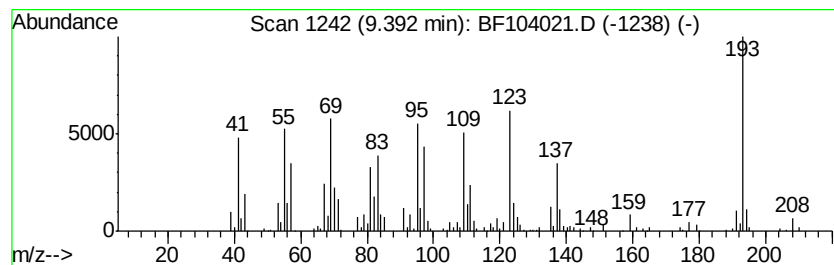
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Peak Number 6 Decahydro-4,4,8,9,10-pentam... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.39	7.01 ng	307770	Acenaphthene-d10	10.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	83
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35
3	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	35
4	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	27
5	Pyrimido(5,4-e)-as-triazine-5,7(...	193	C7H7N5O2	000084-82-2	25



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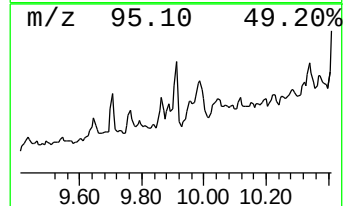
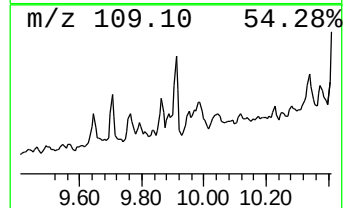
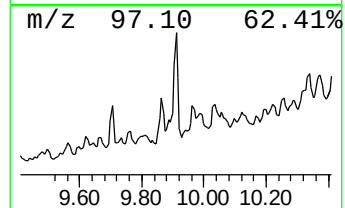
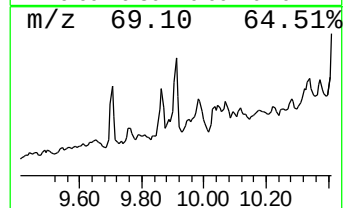
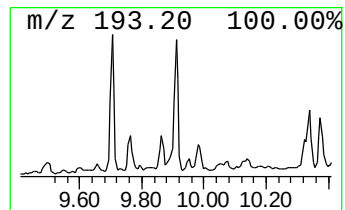
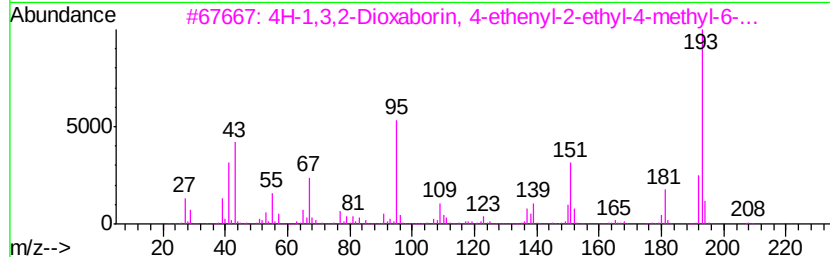
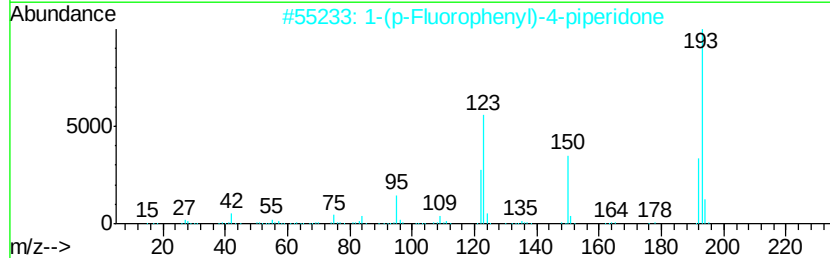
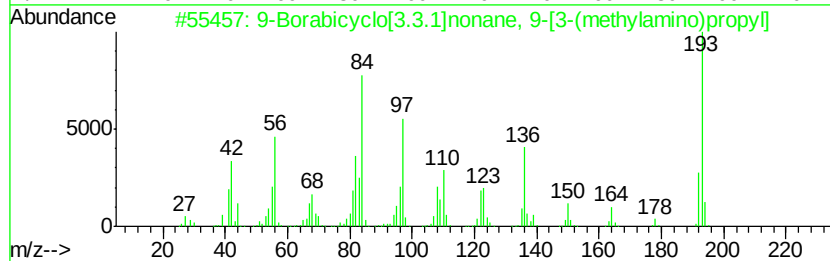
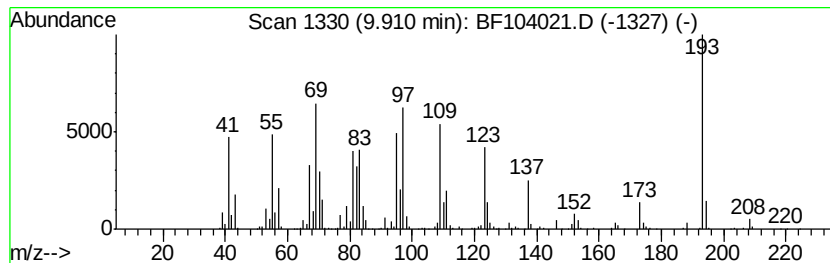
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.91 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	24.18 ng	1061040	Acenaphthene-d10	10.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Borabicyclo[3.3.1]nonane, 9-[3...	193	C12H24BN	1000162-56-0	38		
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FN0	1000238-56-7	35		
3	4H-1,3,2-Dioxaborin, 4-ethenyl-2...	208	C12H21B02	074630-04-9	27		
4	Hexadecanedinitrile	248	C16H28N2	006812-44-8	22		
5	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	14		



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104021.D
Acq On : 28 Mar 2018 20:16
Operator : JU/SJ
Sample : J2086-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RS-124023-124035

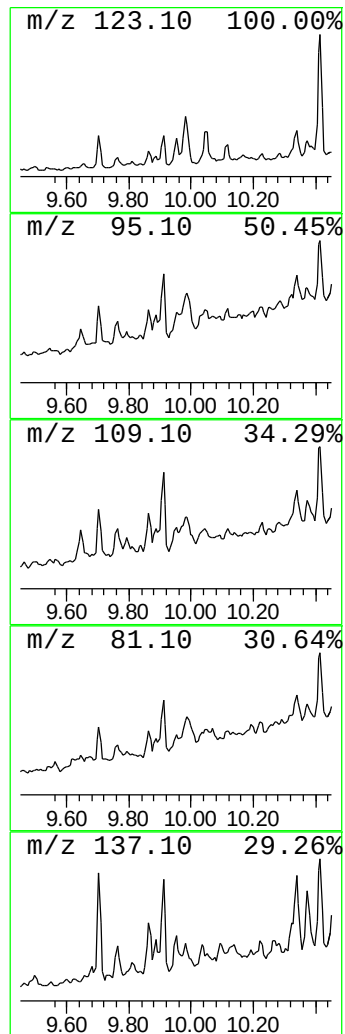
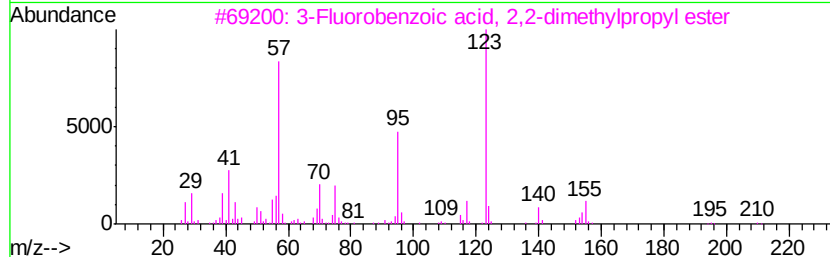
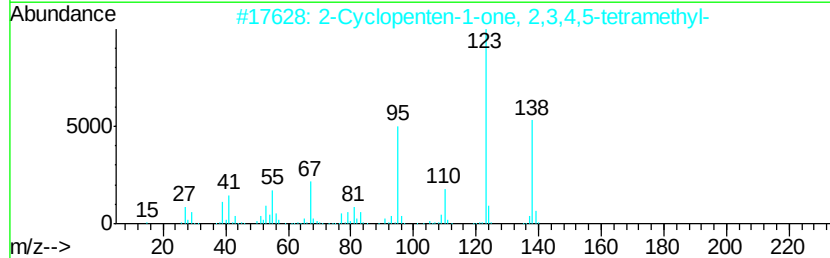
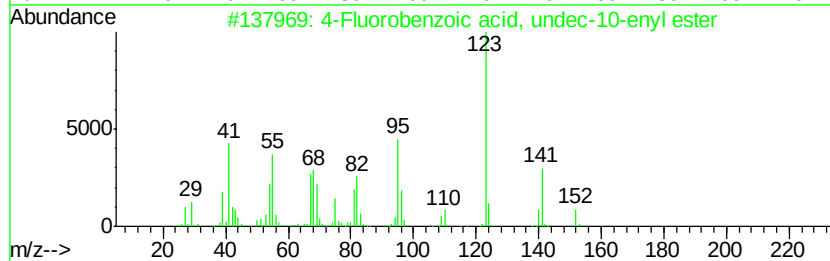
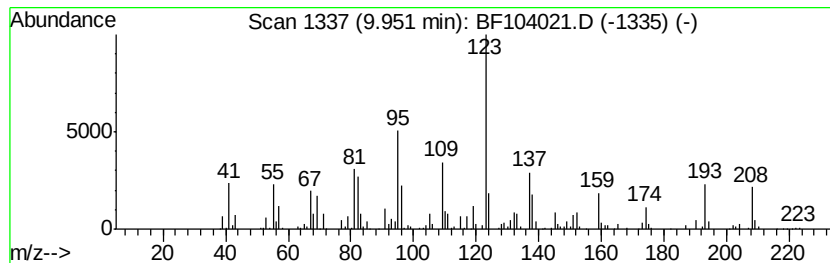
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.95 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	4.63 ng	203319	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Fluorobenzoic acid, undec-10-e...	292	C18H25F02	1000279-02-8	47
2		2-Cyclopenten-1-one, 2,3,4,5-tet...	138	C9H14O	054458-61-6	43
3		3-Fluorobenzoic acid, 2,2-dimeth...	210	C12H15F02	204779-85-1	38
4		Ethanone, 1-(4-fluorophenyl)-	138	C8H7FO	000403-42-9	38
5		3-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19F02	1000279-04-9	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104021.D
Acq On : 28 Mar 2018 20:16
Operator : JU/SJ
Sample : J2086-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

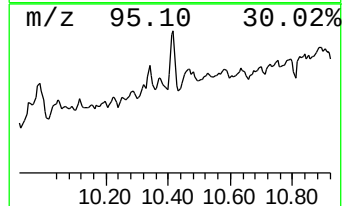
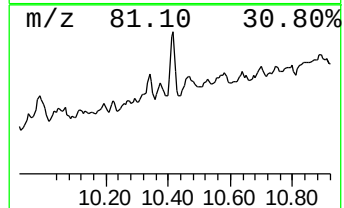
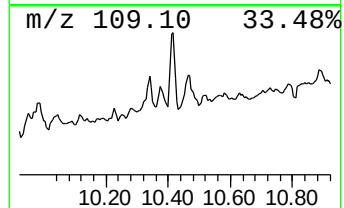
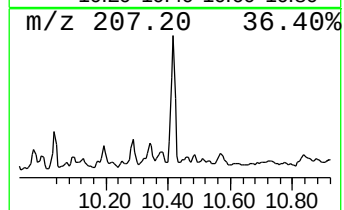
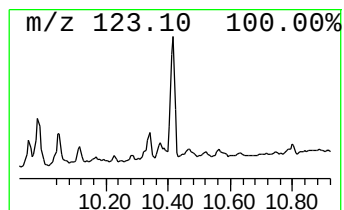
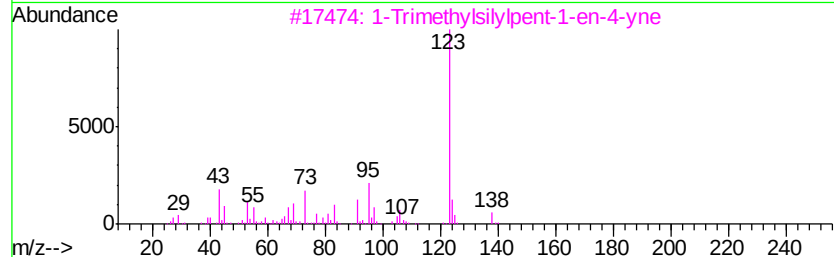
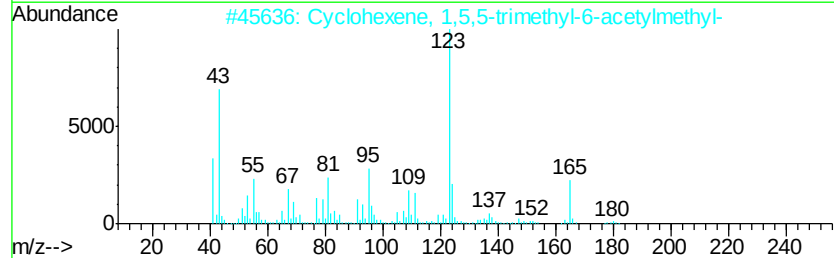
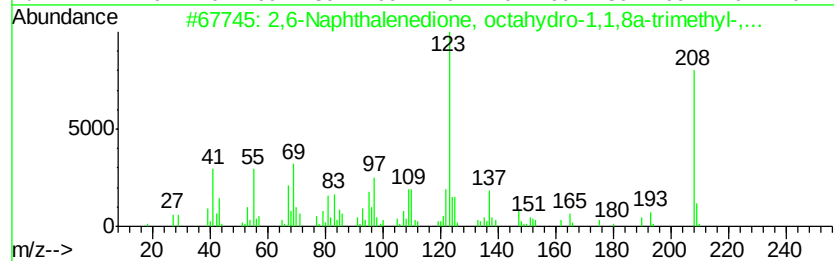
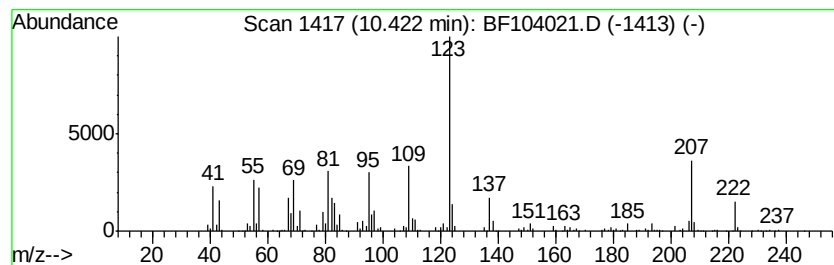
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2,6-Naphthalenedione, octah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.42	18.52 ng	812629	Acenaphthene-d10	10.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-16-4	53
2	Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	53
3	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	52
4	3-Fluorobenzoic acid, 4-tetradec...	336	C21H33FO2	1000280-60-6	50
5	4-Fluorobenzoic acid, 4-tridecyl...	322	C20H31FO2	1000280-68-0	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032818\
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Sample : J2086-01
Misc :
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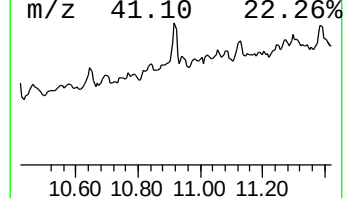
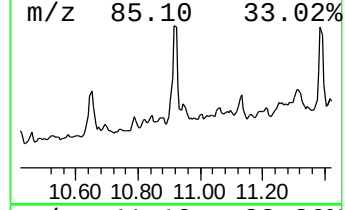
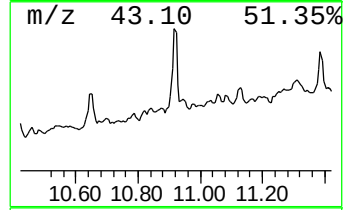
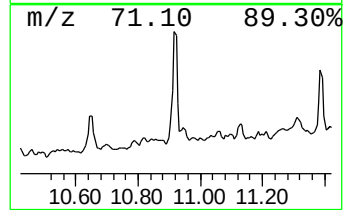
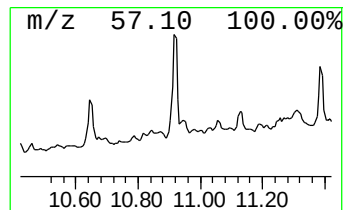
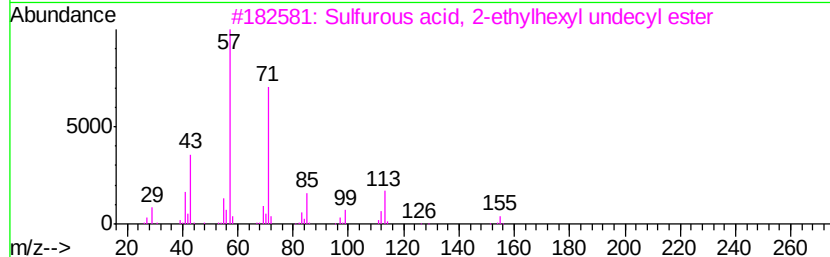
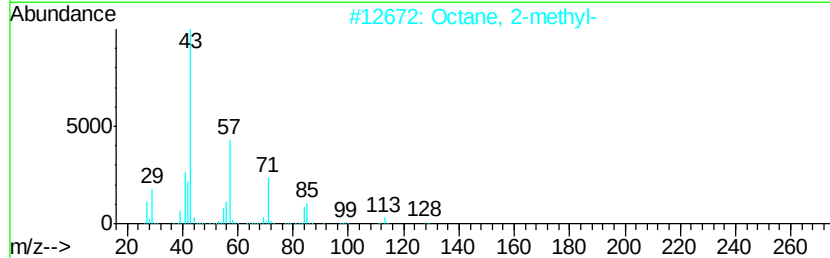
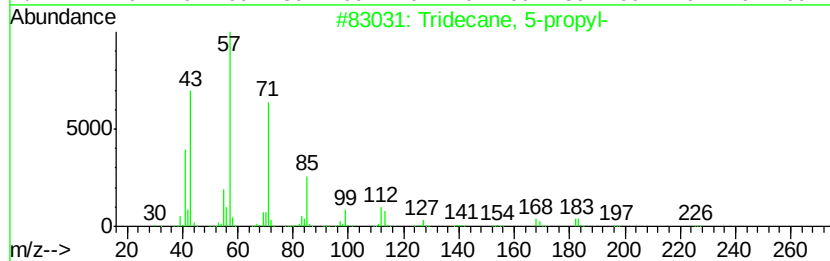
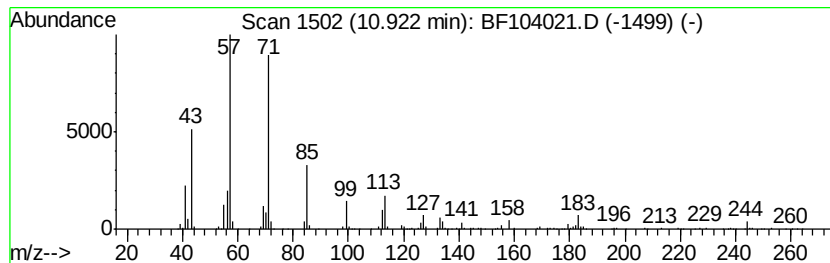
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane, 5-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.92	20.00 ng	692219	Phenanthrene-d10	11.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2	Octane, 2-methyl-	128	C9H20	003221-61-2	76
3	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104021.D
Acq On : 28 Mar 2018 20:16
Operator : JU/SJ
Sample : J2086-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RS-124023-124035

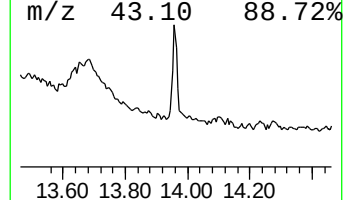
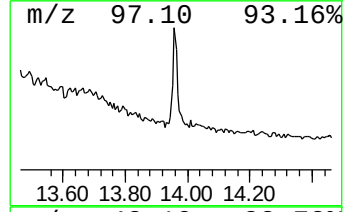
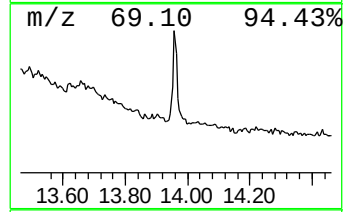
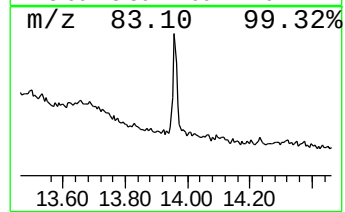
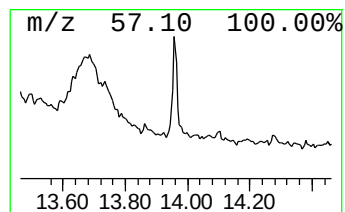
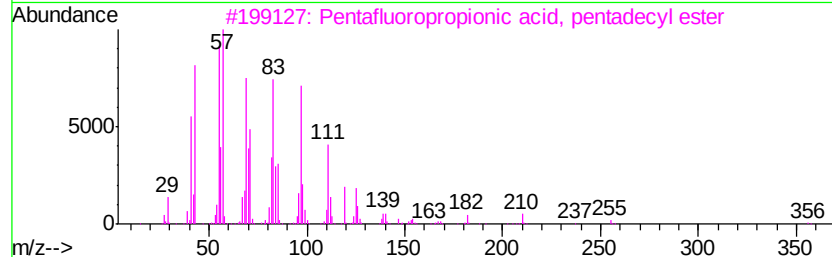
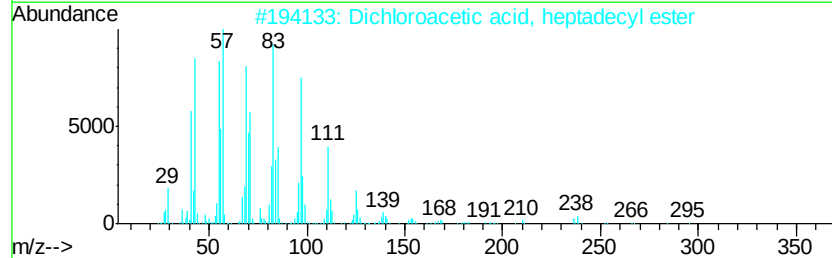
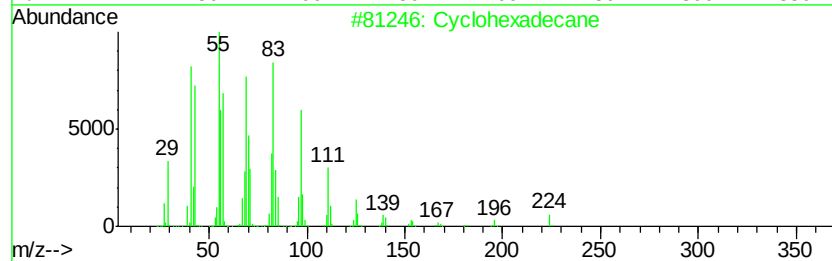
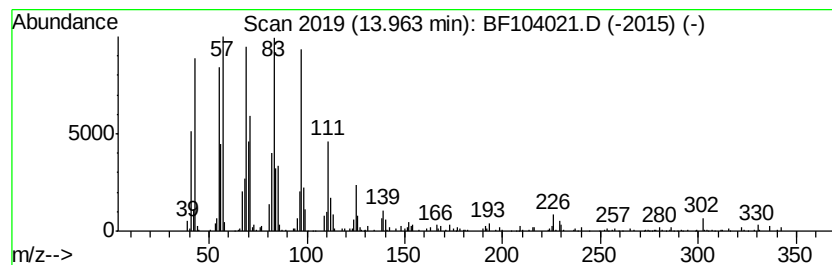
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclohexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	6.27 ng	246297	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	97
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032818\
Data File : BF104021.D
Acq On : 28 Mar 2018 20:16
Operator : JU/SJ
Sample : J2086-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RS-124023-124035

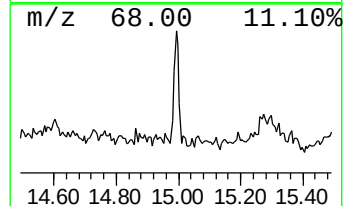
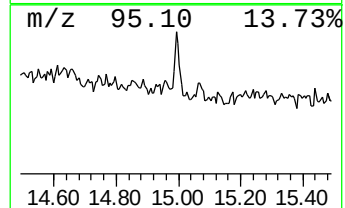
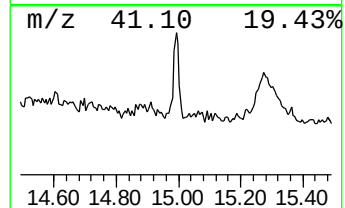
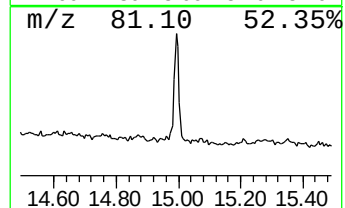
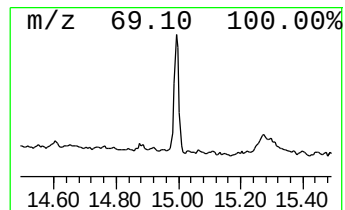
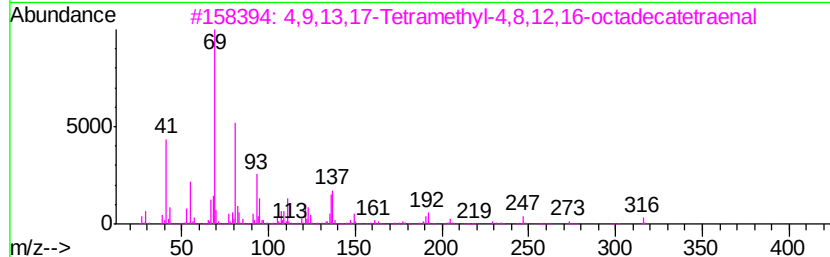
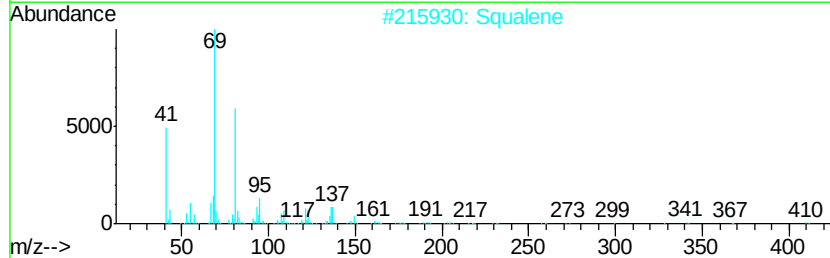
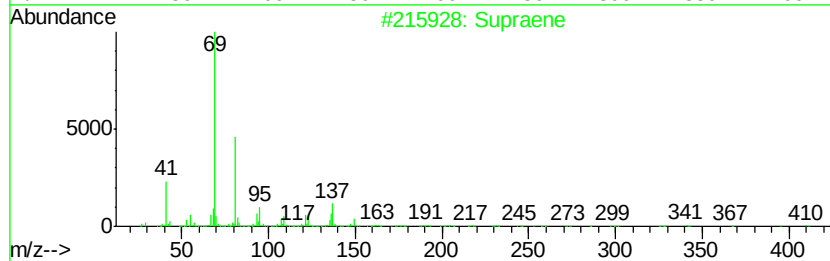
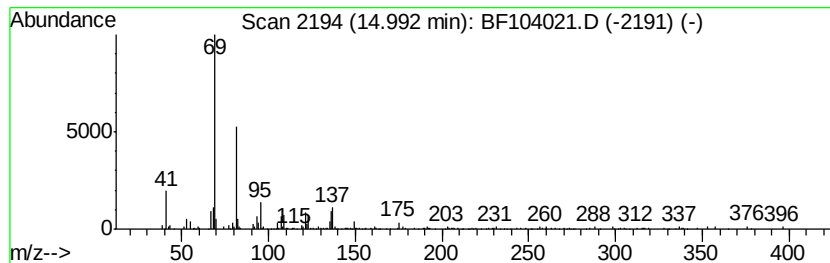
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Supraene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	5.21 ng	152691	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	87
2		Squalene	410	C30H50	000111-02-4	83
3		4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	72
4		2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64
5		2,6,10-Dodecatrienoic acid, 3,7,...	250	C16H26O2	003675-00-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032818\
Data File : BF104021.D
Acq On : 28 Mar 2018 20:16
Operator : JU/SJ
Sample : J2086-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RS-124023-124035

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
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2-Pentanone, 4-hy...	5.21	2.9	ng	98217	1	6.97	668160	20.0
unknown6.74	6.74	87.7	ng	2930120	1	6.97	668160	20.0
Naphthalene, 1,2,...	9.06	2.1	ng	97513	2	8.25	916093	20.0
Decahydro-4,4,8,9...	9.39	7.0	ng	307770	3	10.01	877640	20.0
unknown9.91	9.91	24.2	ng	1061040	3	10.01	877640	20.0
unknown9.95	9.95	4.6	ng	203319	3	10.01	877640	20.0
2,6-Naphthalenedi...	10.42	18.5	ng	812629	3	10.01	877640	20.0
Tridecane, 5-propyl-	10.92	20.0	ng	692219	4	11.52	692219	20.0
Cyclohexadecane	13.96	6.3	ng	246297	5	14.16	785995	20.0
Supraene	14.99	5.2	ng	152691	6	15.70	586434	20.0