

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036990.D
 Acq On : 12 Oct 2022 18:56
 Operator : CG/JU
 Sample : N4976-05DL 5X
 Misc :
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 12 23:12:39 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

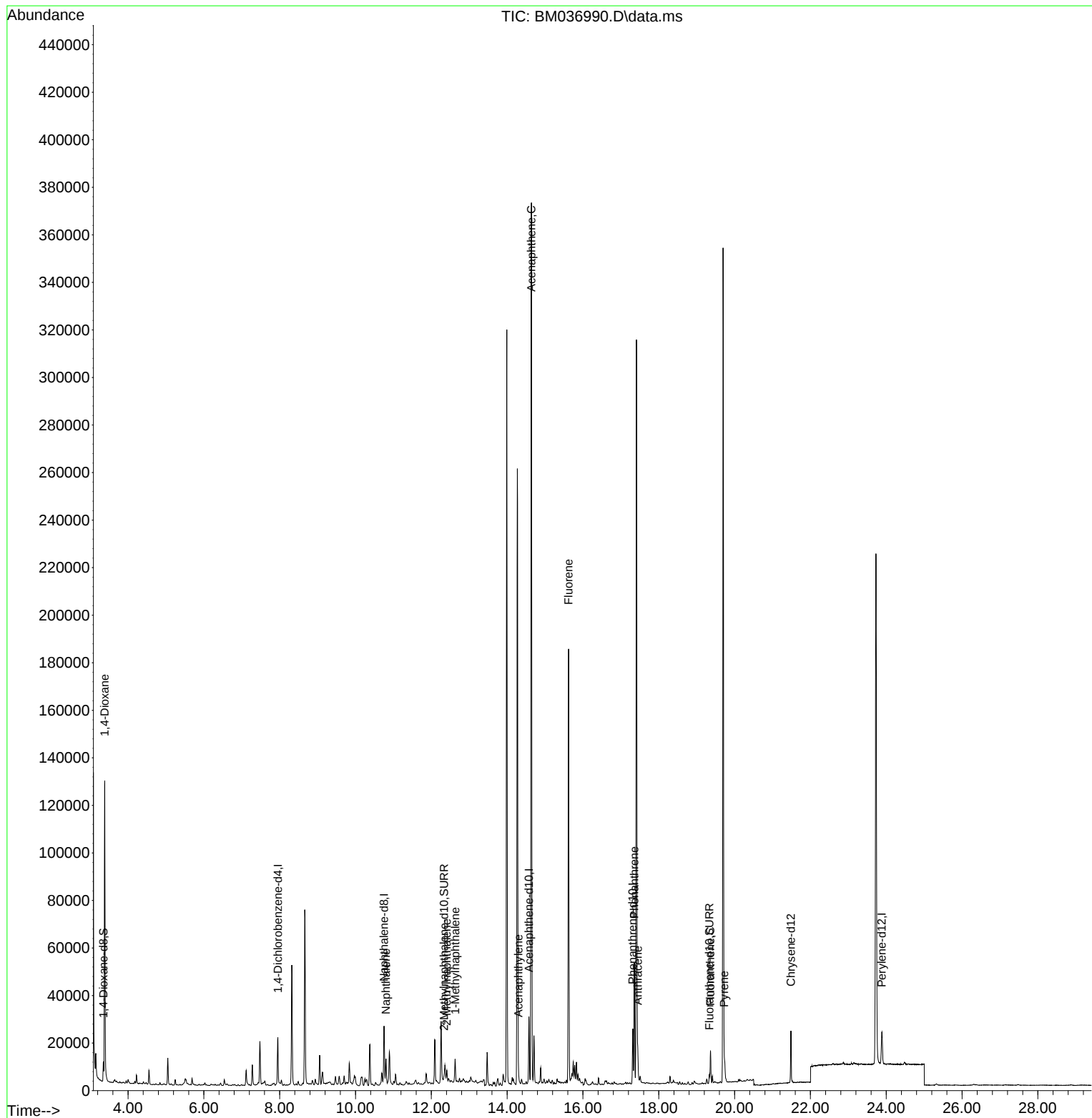
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	9692	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	32776	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.575	164	15736	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	26557	0.400	ng/ul #	0.00
17) Chrysene-d12	21.485	240	18932	0.400	ng/ul	0.00
23) Perylene-d12	23.885	264	18587	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	5002	0.366	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	2651	0.054	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	3751	0.066	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.386	88	81253	6.081	ng/ul#	76
5) Naphthalene	10.803	128	13474	0.144	ng/ul#	97
7) 2-Methylnaphthalene	12.409	142	3539	0.062	ng/ul	97
8) 1-Methylnaphthalene	12.629	142	6175	0.106	ng/ul	100
10) Acenaphthylene	14.297	152	2904	0.044	ng/ul#	36
11) Acenaphthene	14.640	153	210878	3.715	ng/ul	97
12) Fluorene	15.620	166	108038	1.680	ng/ul	100
15) Phenanthrene	17.355	178	51619	0.609	ng/ul	99
16) Anthracene	17.448	178	10721	0.151	ng/ul#	91
19) Fluoranthene	19.363	202	11425	0.152	ng/ul#	91
20) Pyrene	19.726	202	7531	0.096	ng/ul#	87

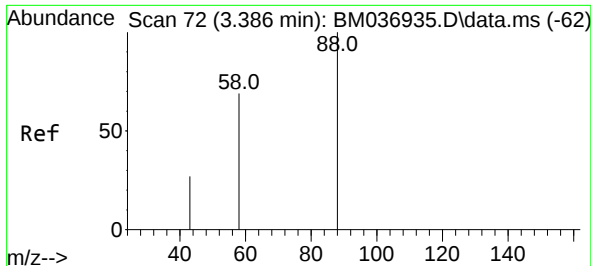
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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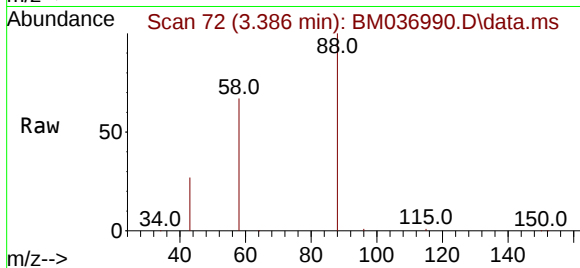
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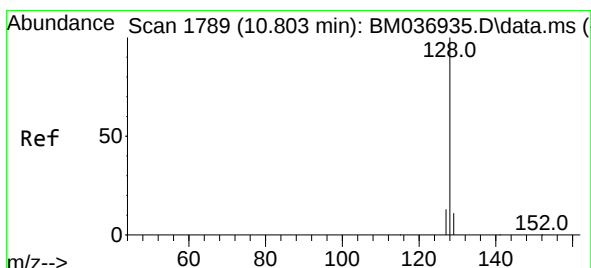
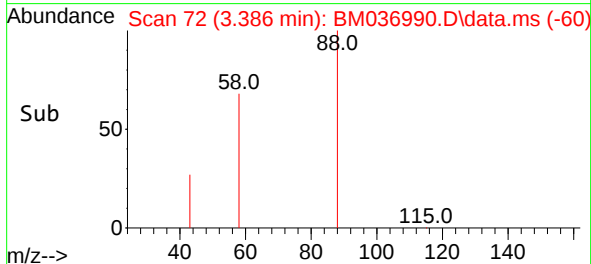
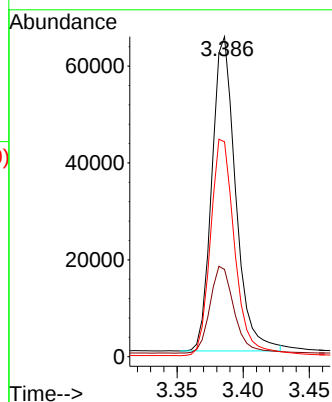


#2
1,4-Dioxane
Concen: 6.081 ng/ul
RT: 3.386 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM036990.D
Acq: 12 Oct 2022 18:56

Instrument :
BNA_M
ClientSampleId :

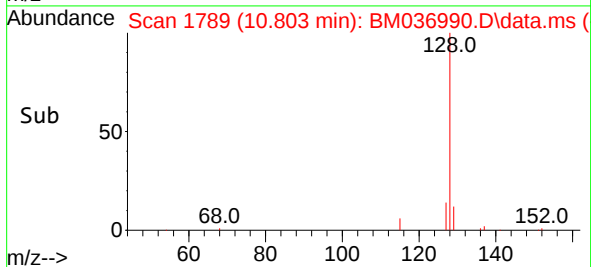
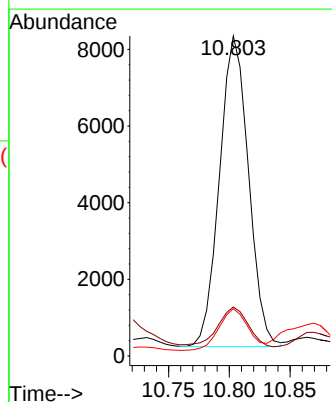
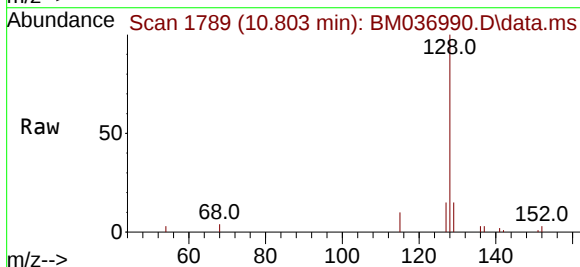


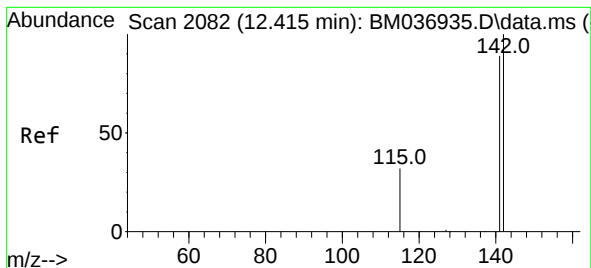
Tgt Ion: 88 Resp: 81253
Ion Ratio Lower Upper
88 100
43 27.2 37.8 56.6#
58 67.2 42.6 63.8#



#5
Naphthalene
Concen: 0.144 ng/ul
RT: 10.803 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BM036990.D
Acq: 12 Oct 2022 18:56

Tgt Ion: 128 Resp: 13474
Ion Ratio Lower Upper
128 100
129 15.3 10.2 15.2#
127 14.8 11.7 17.5

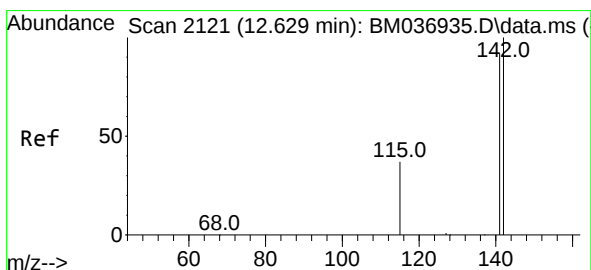
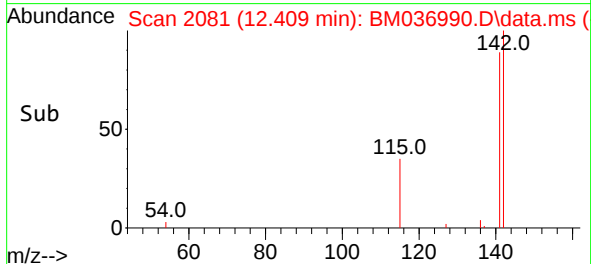
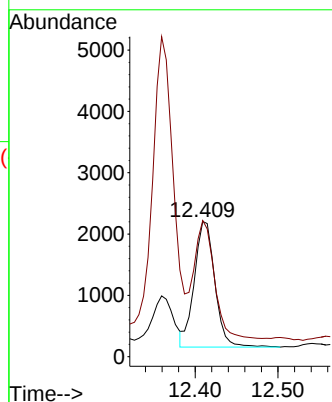
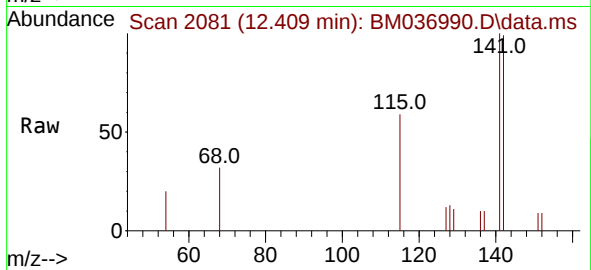




#7
2-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BM036990.D
Acq: 12 Oct 2022 18:56

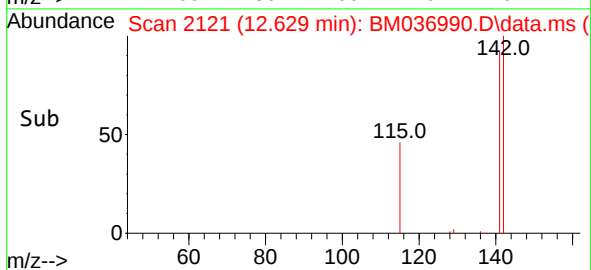
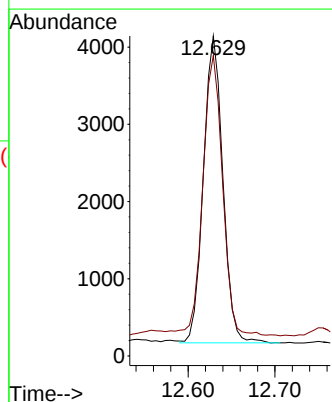
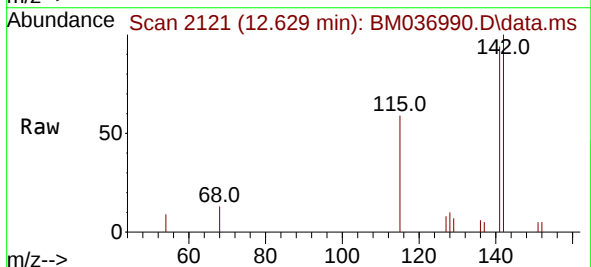
Instrument :
BNA_M
ClientSampleId :

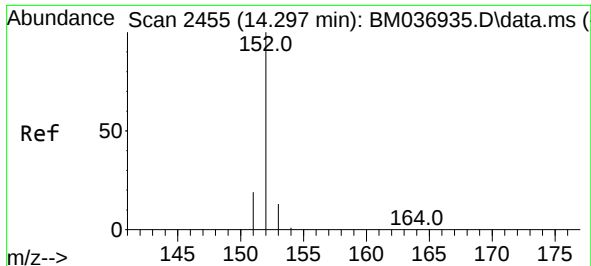
Tgt Ion:142 Resp: 3539
Ion Ratio Lower Upper
142 100
141 93.9 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.106 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM036990.D
Acq: 12 Oct 2022 18:56

Tgt Ion:142 Resp: 6175
Ion Ratio Lower Upper
142 100
141 92.9 74.1 111.1

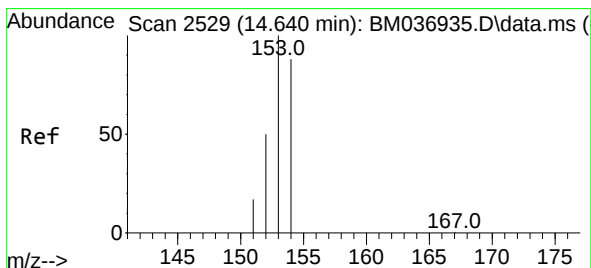
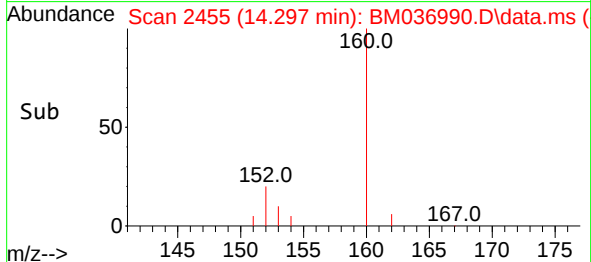
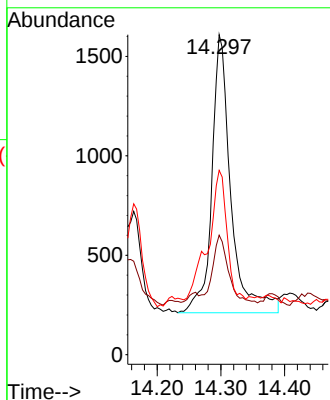
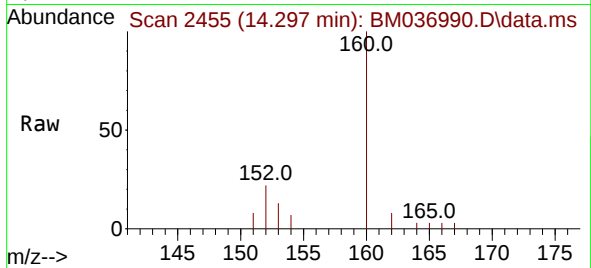




#10
Acenaphthylene
Concen: 0.044 ng/ul
RT: 14.297 min Scan# 2455
Delta R.T. -0.000 min
Lab File: BM036990.D
Acq: 12 Oct 2022 18:56

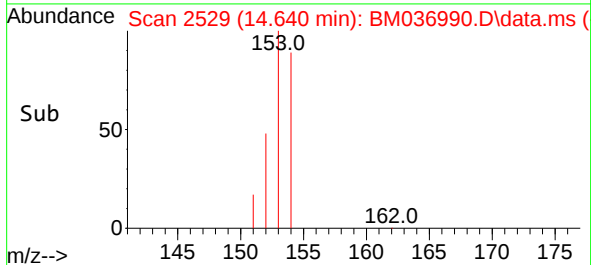
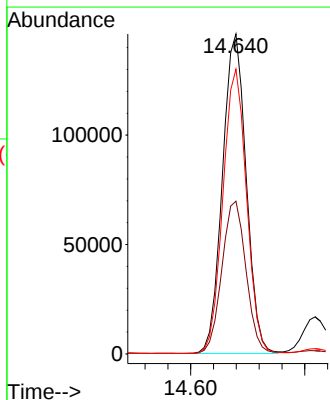
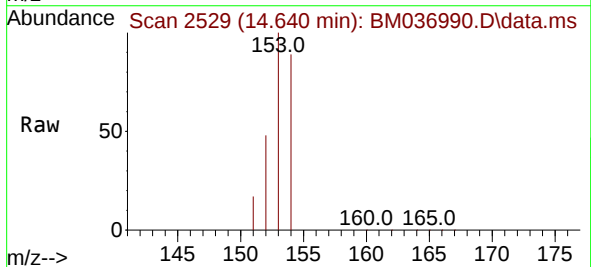
Instrument :
BNA_M
ClientSampleId :

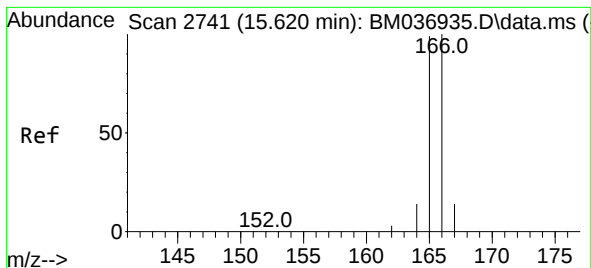
Tgt Ion:152 Resp: 2904
Ion Ratio Lower Upper
152 100
151 37.4 16.6 24.8#
153 57.6 11.4 17.0#



#11
Acenaphthene
Concen: 3.715 ng/ul
RT: 14.640 min Scan# 2529
Delta R.T. -0.000 min
Lab File: BM036990.D
Acq: 12 Oct 2022 18:56

Tgt Ion:153 Resp: 210878
Ion Ratio Lower Upper
153 100
152 47.7 40.2 60.4
154 89.0 69.7 104.5





#12

Fluorene

Concen: 1.680 ng/ul

RT: 15.620 min Scan# 21

Delta R.T. -0.000 min

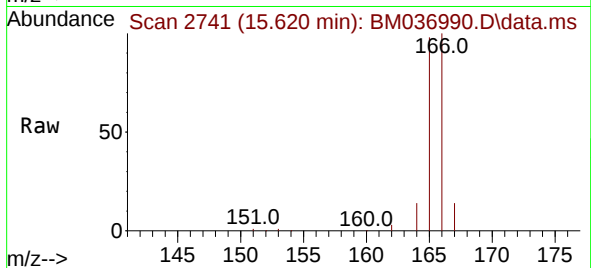
Lab File: BM036990.D

Acq: 12 Oct 2022 18:56

Instrument :

BNA_M

ClientSampleId :



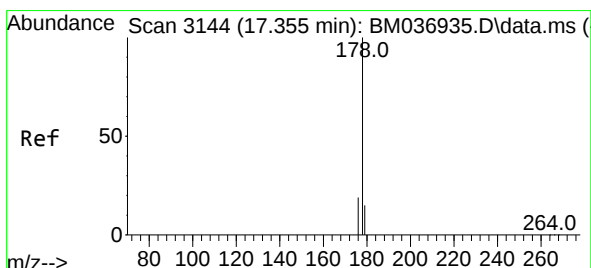
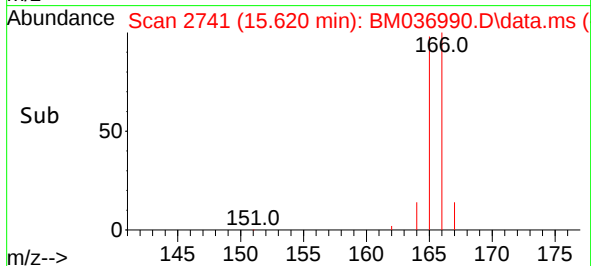
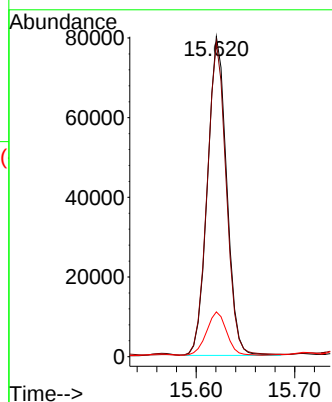
Tgt Ion:166 Resp: 108038

Ion Ratio Lower Upper

166 100

165 98.4 78.9 118.3

167 14.0 11.3 16.9



#15

Phenanthrene

Concen: 0.609 ng/ul

RT: 17.355 min Scan# 3144

Delta R.T. -0.000 min

Lab File: BM036990.D

Acq: 12 Oct 2022 18:56

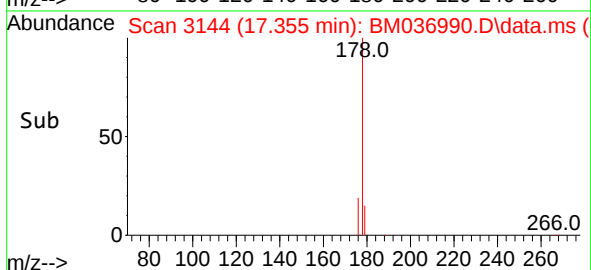
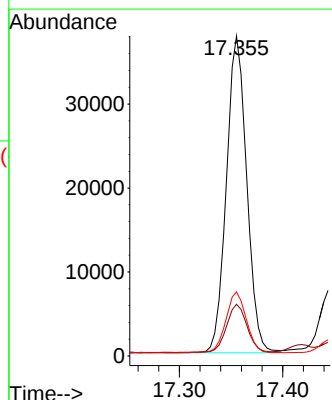
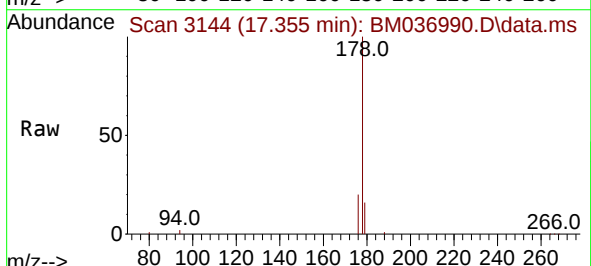
Tgt Ion:178 Resp: 51619

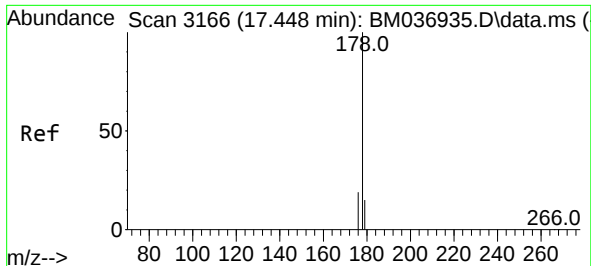
Ion Ratio Lower Upper

178 100

179 16.2 13.0 19.6

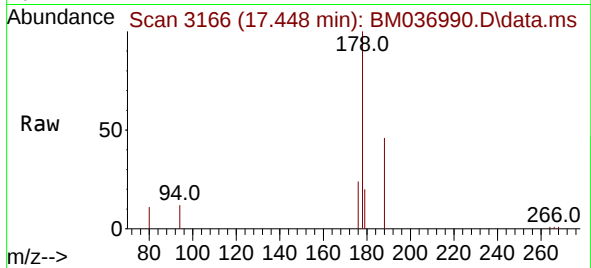
176 20.0 15.6 23.4



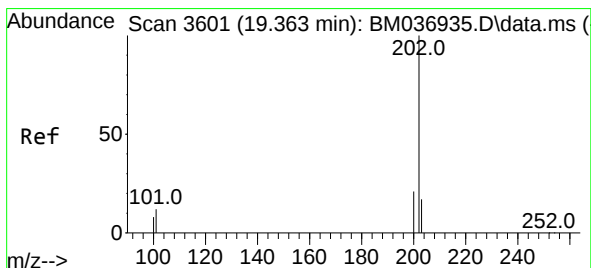
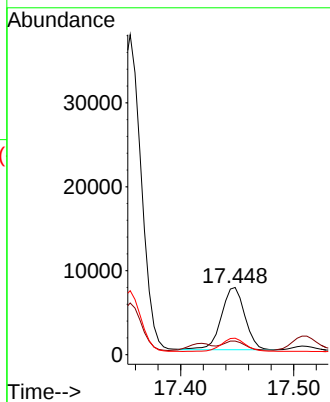
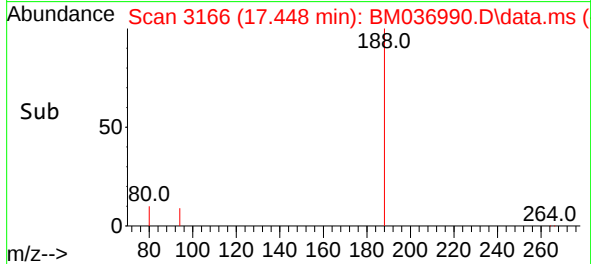


#16
 Anthracene
 Concen: 0.151 ng/ul
 RT: 17.448 min Scan# 3166
 Delta R.T. -0.000 min
 Lab File: BM036990.D
 Acq: 12 Oct 2022 18:56

Instrument :
 BNA_M
 ClientSampleId :

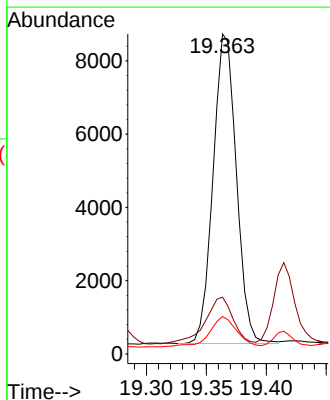
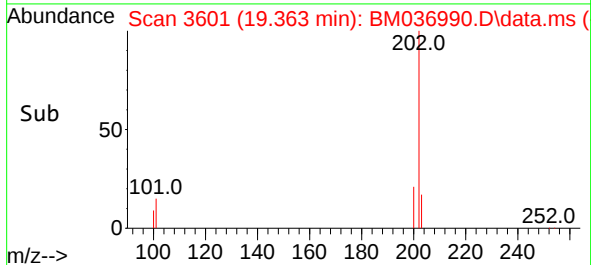
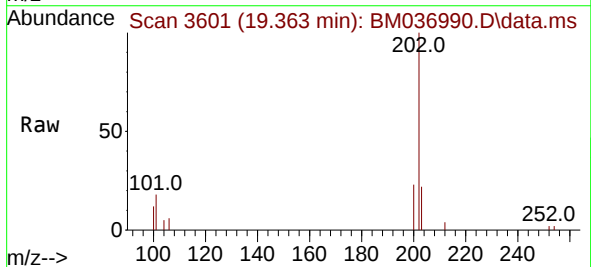


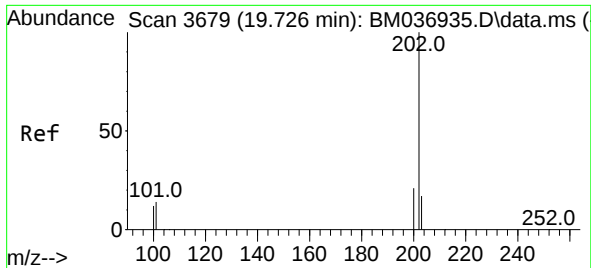
Tgt Ion:178 Resp: 10721
 Ion Ratio Lower Upper
 178 100
 179 20.3 13.6 20.4
 176 24.5 15.6 23.4#



#19
 Fluoranthene
 Concen: 0.152 ng/ul
 RT: 19.363 min Scan# 3601
 Delta R.T. -0.000 min
 Lab File: BM036990.D
 Acq: 12 Oct 2022 18:56

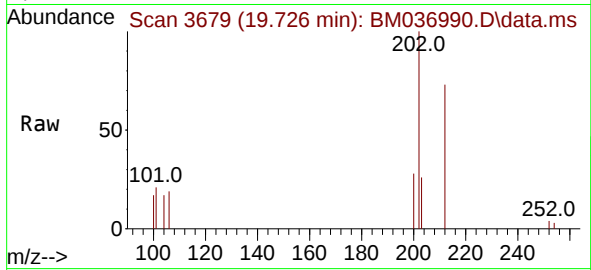
Tgt Ion:202 Resp: 11425
 Ion Ratio Lower Upper
 202 100
 101 17.8 10.1 15.1#
 100 11.7 7.9 11.9





#20
 Pyrene
 Concen: 0.096 ng/ul
 RT: 19.726 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BM036990.D
 Acq: 12 Oct 2022 18:56

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:202 Resp: 7531
 Ion Ratio Lower Upper
 202 100
 101 20.8 12.0 18.0#
 100 16.8 9.8 14.6#

