

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036987.D
 Acq On : 12 Oct 2022 17:07
 Operator : CG/JU
 Sample : N4976-02DL 5X
 Misc :
 ALS Vial : 91 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 12 23:11:53 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)

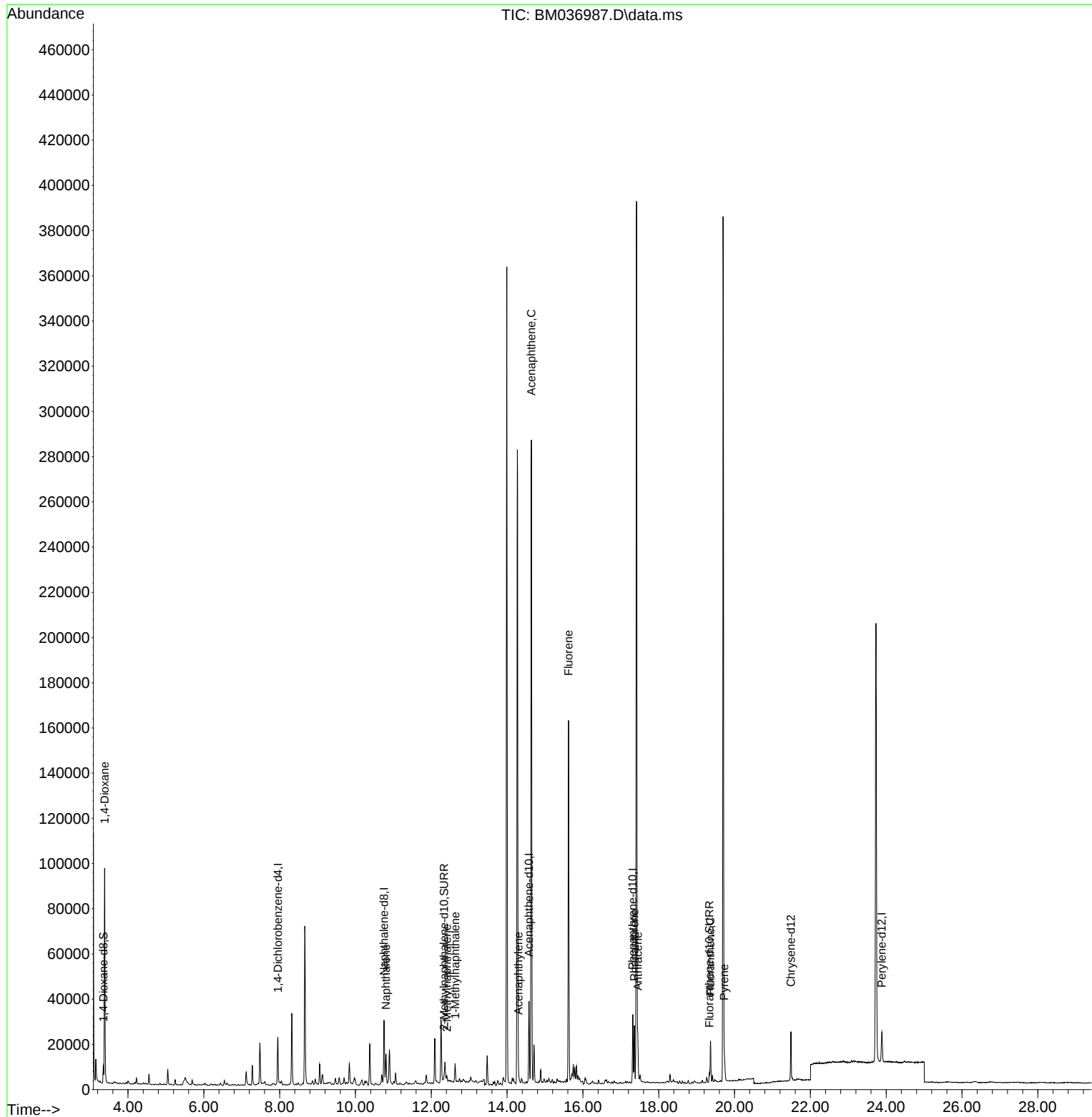
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	10617	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	37889	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.575	164	19887	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	34621	0.400	ng/ul #	0.00
17) Chrysene-d12	21.485	240	18785	0.400	ng/ul #	0.00
23) Perylene-d12	23.885	264	17892	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	4517	0.302	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	2733	0.048	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	4226	0.075	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.382	88	61553	4.206	ng/ul#	74
5) Naphthalene	10.804	128	17355	0.160	ng/ul	98
7) 2-Methylnaphthalene	12.415	142	1881	0.028	ng/ul	93
8) 1-Methylnaphthalene	12.629	142	5082	0.076	ng/ul	99
10) Acenaphthylene	14.298	152	3244	0.039	ng/ul#	38
11) Acenaphthene	14.640	153	161251	2.248	ng/ul	98
12) Fluorene	15.621	166	95757	1.178	ng/ul	99
15) Phenanthrene	17.356	178	26015	0.235	ng/ul	97
16) Anthracene	17.448	178	17603	0.191	ng/ul	94
19) Fluoranthene	19.364	202	15027	0.201	ng/ul#	92
20) Pyrene	19.726	202	10219	0.131	ng/ul#	93

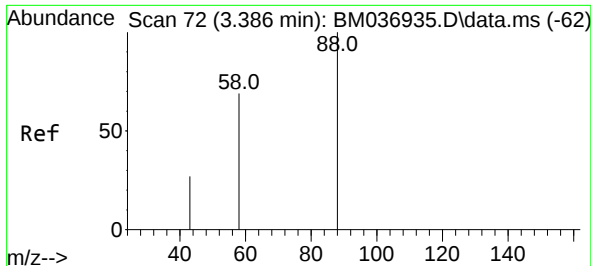
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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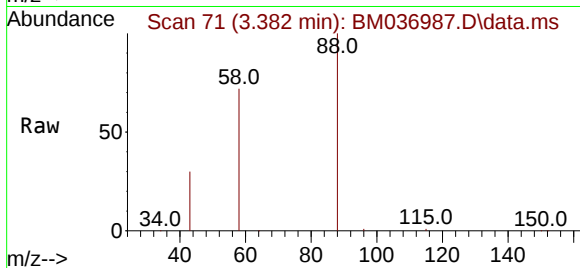
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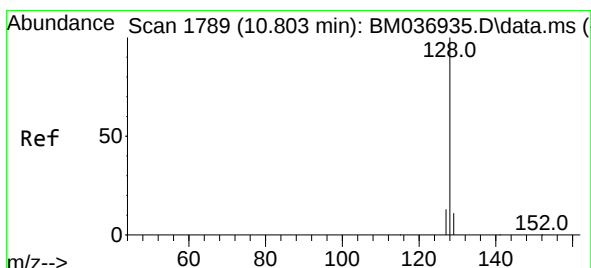
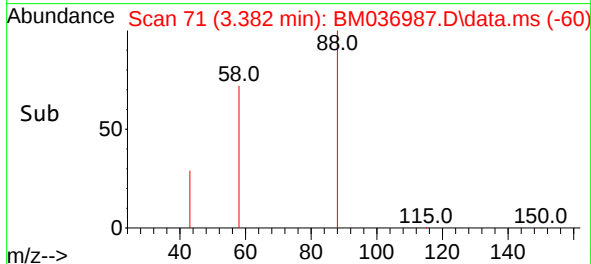
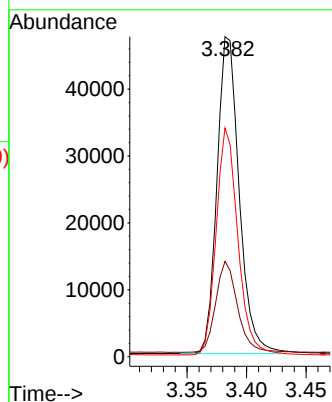


#2
1,4-Dioxane
Concen: 4.206 ng/ul
RT: 3.382 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM036987.D
Acq: 12 Oct 2022 17:07

Instrument :
BNA_M
ClientSampleId :

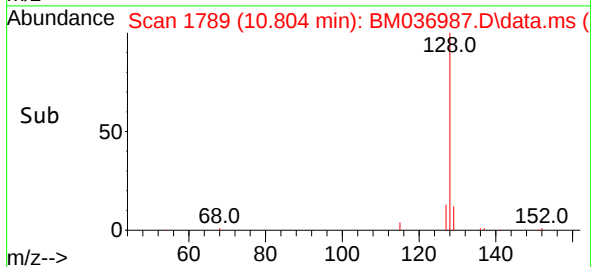
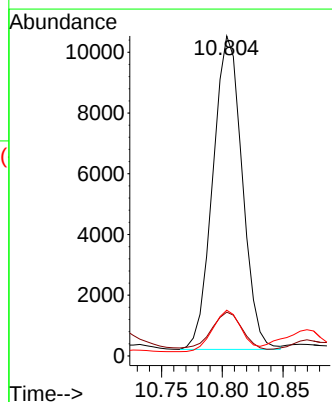
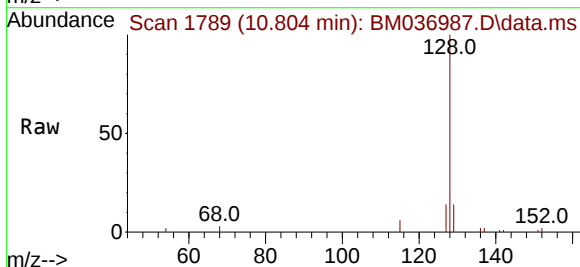


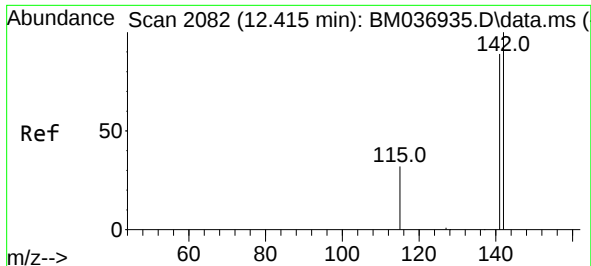
Tgt Ion: 88 Resp: 61553
Ion Ratio Lower Upper
88 100
43 29.8 37.8 56.6#
58 71.5 42.6 63.8#



#5
Naphthalene
Concen: 0.160 ng/ul
RT: 10.804 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BM036987.D
Acq: 12 Oct 2022 17:07

Tgt Ion: 128 Resp: 17355
Ion Ratio Lower Upper
128 100
129 13.7 10.2 15.2
127 14.3 11.7 17.5

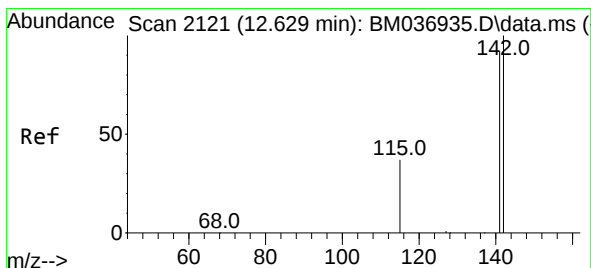
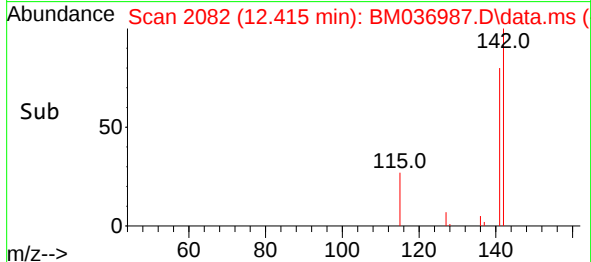
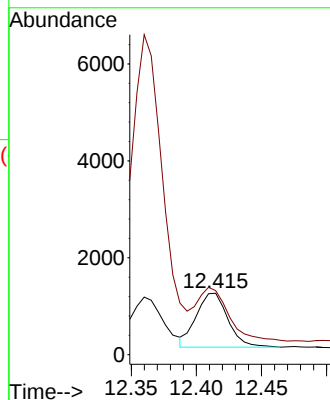
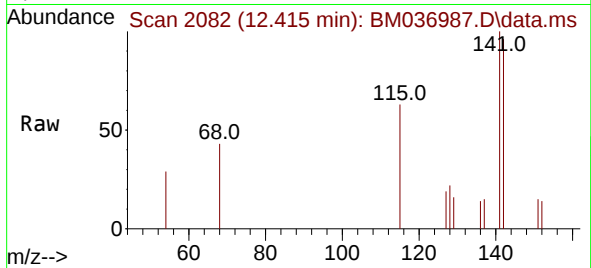




#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM036987.D
Acq: 12 Oct 2022 17:07

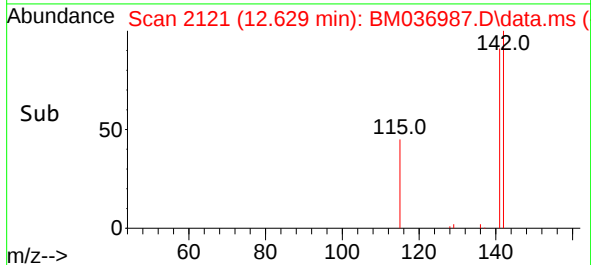
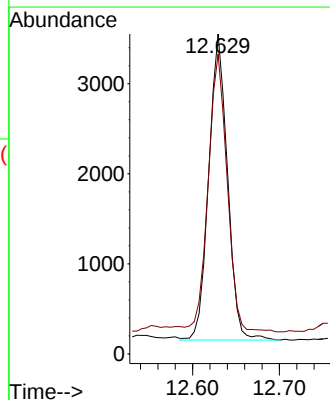
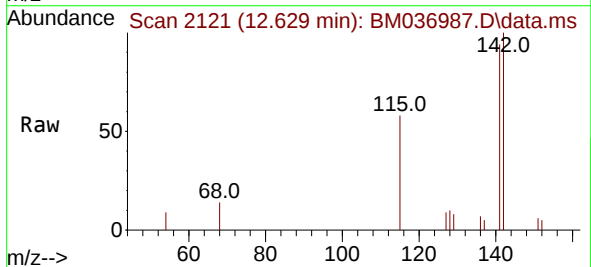
Instrument :
BNA_M
ClientSampleId :

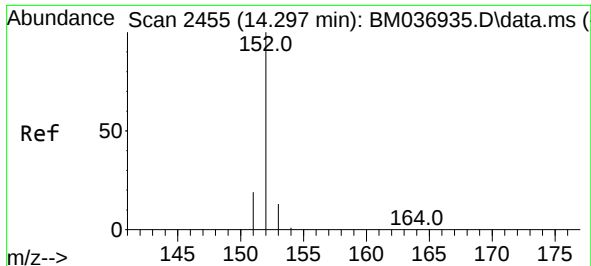
Tgt Ion:142 Resp: 1881
Ion Ratio Lower Upper
142 100
141 103.3 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM036987.D
Acq: 12 Oct 2022 17:07

Tgt Ion:142 Resp: 5082
Ion Ratio Lower Upper
142 100
141 91.9 74.1 111.1

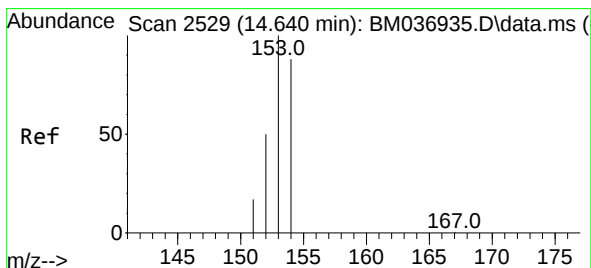
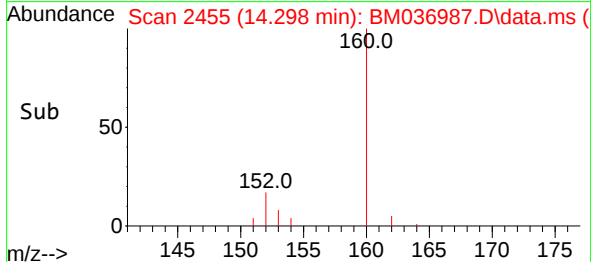
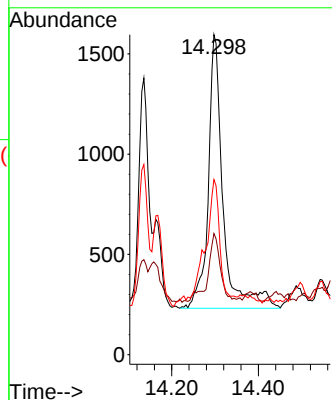
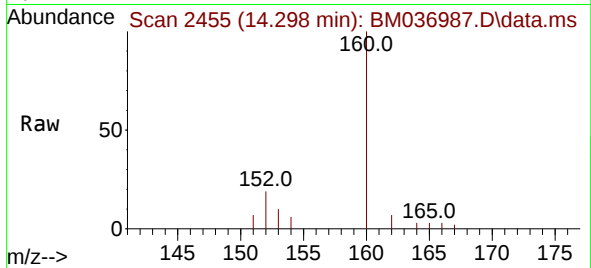




#10
Acenaphthylene
Concen: 0.039 ng/ul
RT: 14.298 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BM036987.D
Acq: 12 Oct 2022 17:07

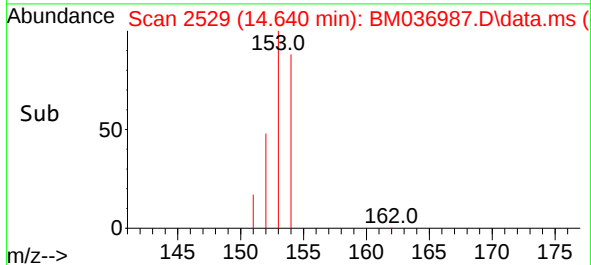
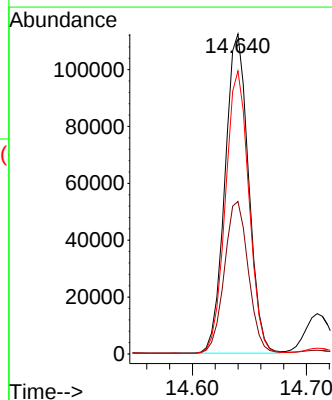
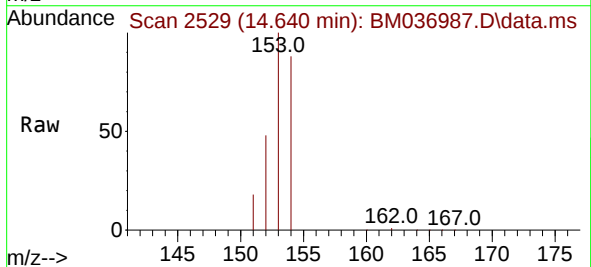
Instrument :
BNA_M
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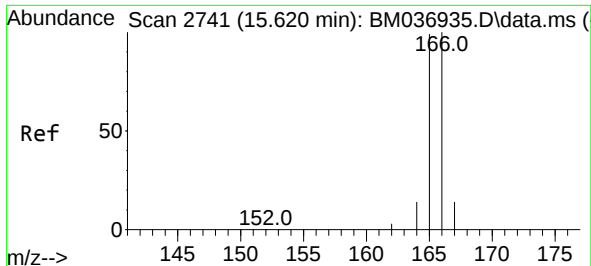
Tgt Ion:152 Resp: 3244
Ion Ratio Lower Upper
152 100
151 37.8 16.6 24.8#
153 54.7 11.4 17.0#



#11
Acenaphthene
Concen: 2.248 ng/ul
RT: 14.640 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BM036987.D
Acq: 12 Oct 2022 17:07

Tgt Ion:153 Resp: 161251
Ion Ratio Lower Upper
153 100
152 47.7 40.2 60.4
154 88.5 69.7 104.5

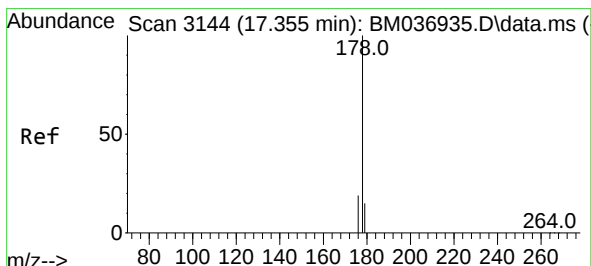
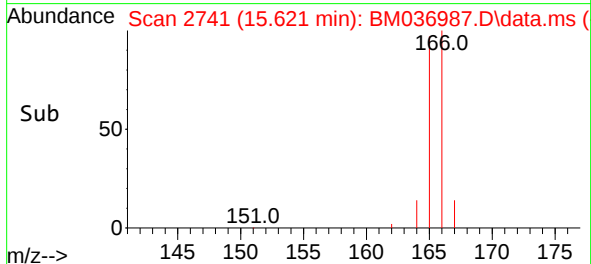
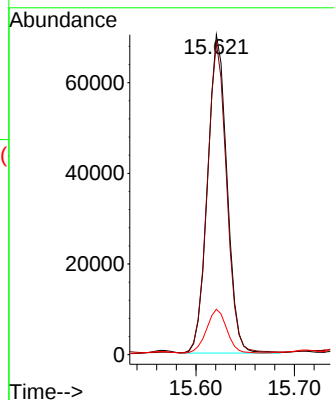
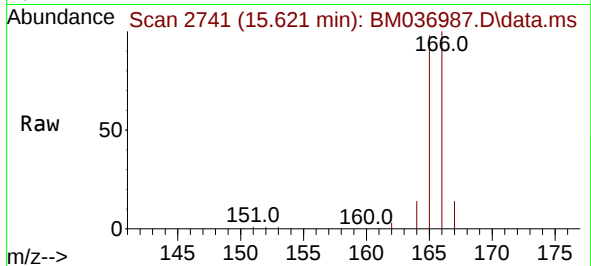




#12
Fluorene
Concen: 1.178 ng/ul
RT: 15.621 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036987.D
Acq: 12 Oct 2022 17:07

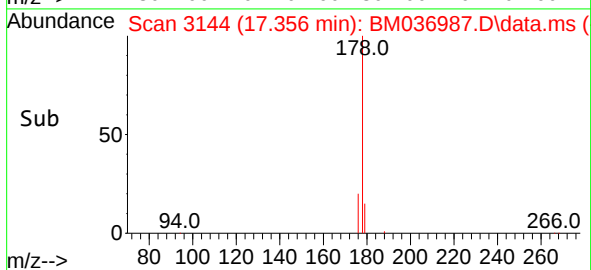
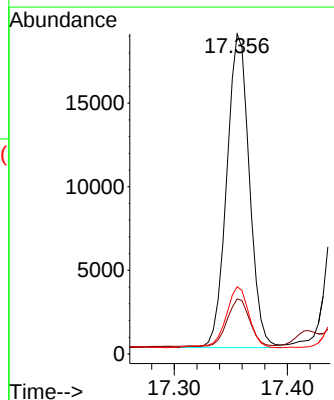
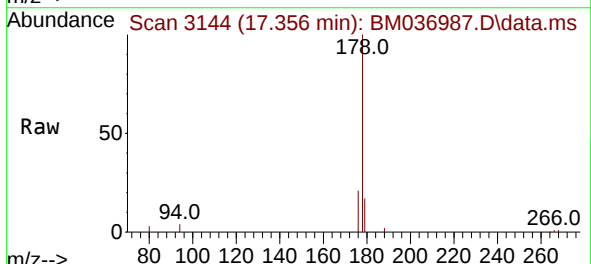
Instrument :
BNA_M
ClientSampleId :

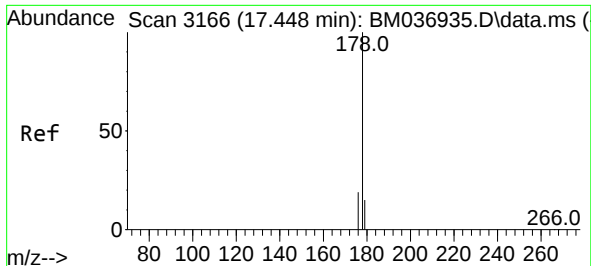
Tgt Ion:166 Resp: 95757
Ion Ratio Lower Upper
166 100
165 97.8 78.9 118.3
167 14.2 11.3 16.9



#15
Phenanthrene
Concen: 0.235 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BM036987.D
Acq: 12 Oct 2022 17:07

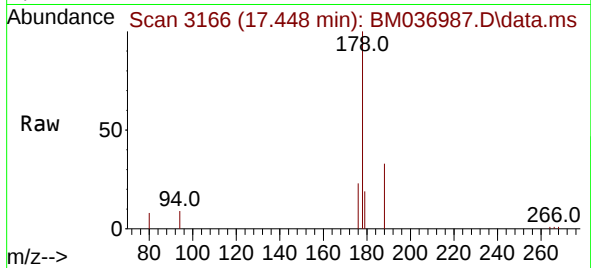
Tgt Ion:178 Resp: 26015
Ion Ratio Lower Upper
178 100
179 17.2 13.0 19.6
176 21.0 15.6 23.4



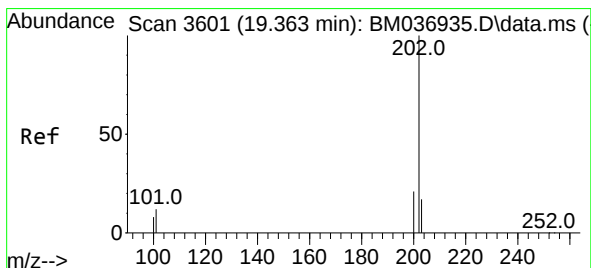
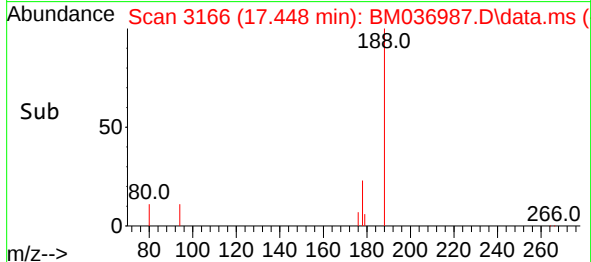
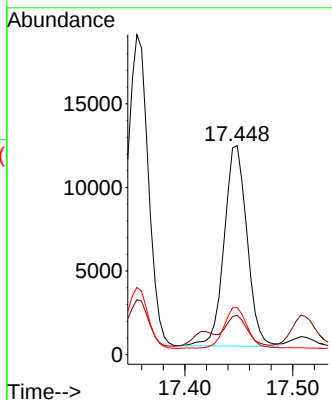


#16
 Anthracene
 Concen: 0.191 ng/ul
 RT: 17.448 min Scan# 3166
 Delta R.T. 0.000 min
 Lab File: BM036987.D
 Acq: 12 Oct 2022 17:07

Instrument :
 BNA_M
 ClientSampleId :

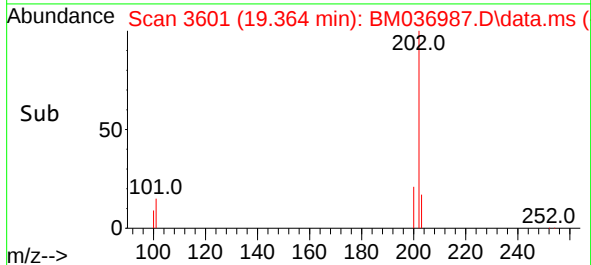
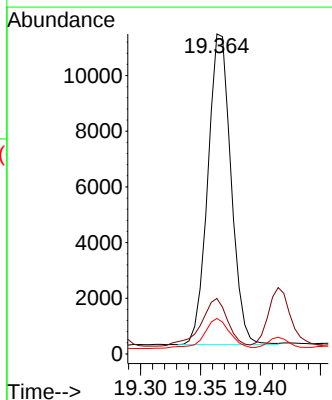
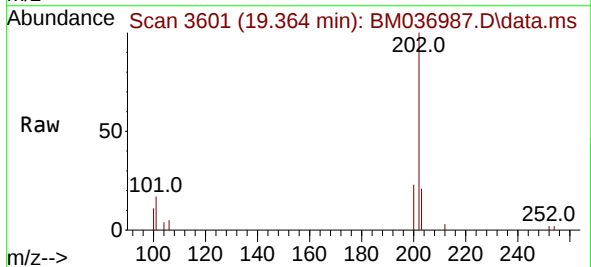


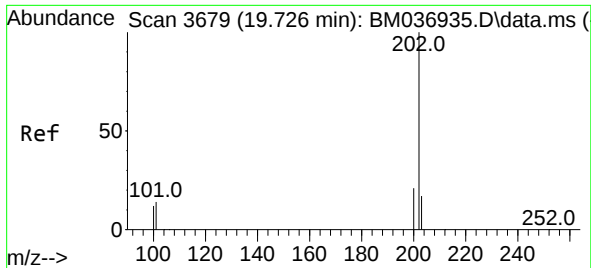
Tgt Ion:178 Resp: 17603
 Ion Ratio Lower Upper
 178 100
 179 18.9 13.6 20.4
 176 22.5 15.6 23.4



#19
 Fluoranthene
 Concen: 0.201 ng/ul
 RT: 19.364 min Scan# 3601
 Delta R.T. 0.000 min
 Lab File: BM036987.D
 Acq: 12 Oct 2022 17:07

Tgt Ion:202 Resp: 15027
 Ion Ratio Lower Upper
 202 100
 101 17.4 10.1 15.1#
 100 11.1 7.9 11.9





#20

Pyrene

Concen: 0.131 ng/ul

RT: 19.726 min Scan# 3

Delta R.T. 0.000 min

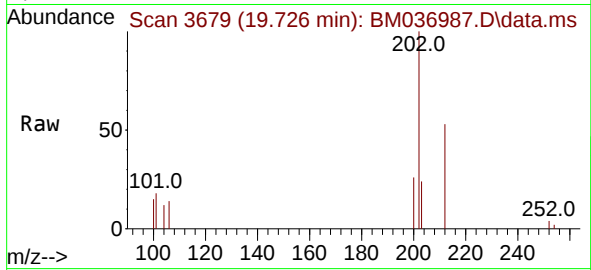
Lab File: BM036987.D

Acq: 12 Oct 2022 17:07

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:202 Resp: 10219

Ion Ratio Lower Upper

202 100

101 18.4 12.0 18.0#

100 14.8 9.8 14.6#

