

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036941.D
 Acq On : 11 Oct 2022 12:12
 Operator : CG/JU
 Sample : N4824-04DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8P1DL

Quant Time: Oct 12 01:26:04 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)

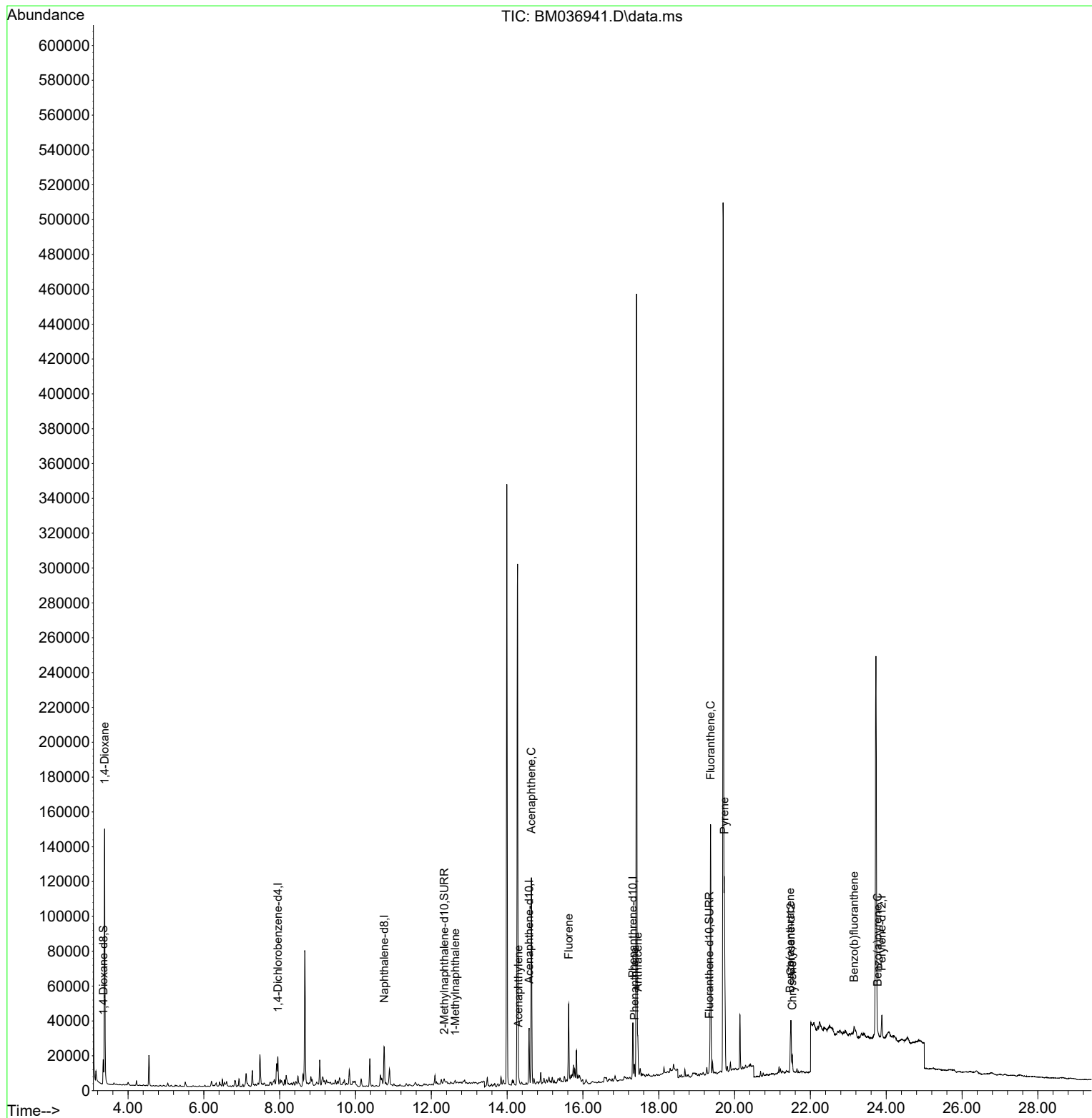
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	8415	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	29755	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.580	164	17582	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.317	188	36189	0.400	ng/ul #	0.00
17) Chrysene-d12	21.485	240	24099	0.400	ng/ul #	0.00
23) Perylene-d12	23.885	264	19382	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	8574	0.722	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	3083	0.069	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	6428	0.089	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.382	88	94399	8.137	ng/ul#	75
8) 1-Methylnaphthalene	12.629	142	1272	0.024	ng/ul	85
10) Acenaphthylene	14.302	152	2566	0.035	ng/ul#	8
11) Acenaphthene	14.640	153	66764	1.053	ng/ul	98
12) Fluorene	15.625	166	28119	0.391	ng/ul	99
15) Phenanthrene	17.360	178	8790	0.076	ng/ul#	75
16) Anthracene	17.448	178	21233	0.220	ng/ul#	91
19) Fluoranthene	19.368	202	117643	1.227	ng/ul	99
20) Pyrene	19.731	202	90208	0.902	ng/ul	98
21) Benzo(a)anthracene	21.471	228	12825	0.147	ng/ul#	82
22) Chrysene	21.523	228	10929	0.117	ng/ul#	75
24) Benzo(b)fluoranthene	23.151	252	5259	0.061	ng/ul#	1
26) Benzo(a)pyrene	23.777	252	3067	0.044	ng/ul#	1

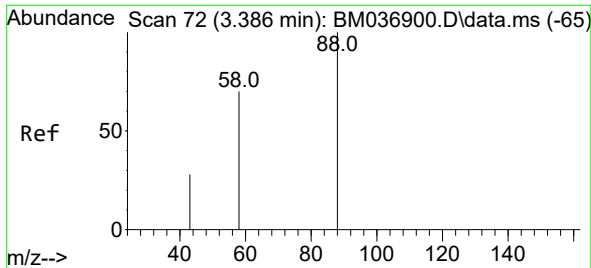
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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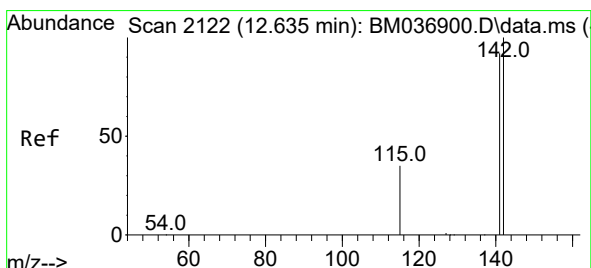
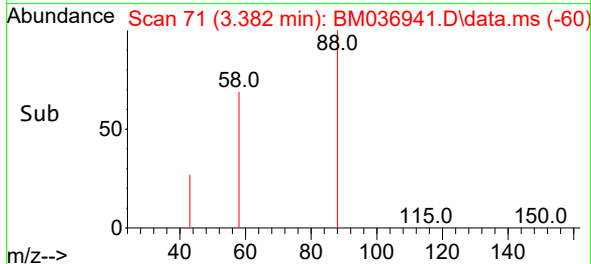
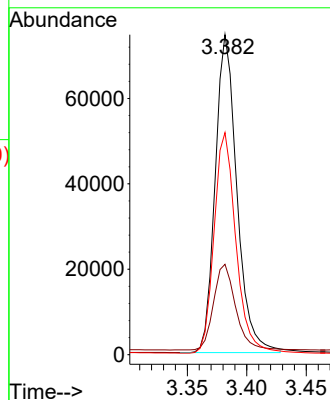
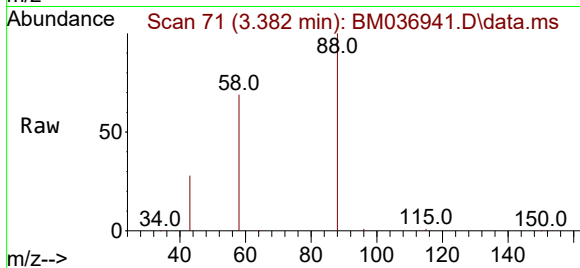




#2
1,4-Dioxane
Concen: 8.137 ng/ul
RT: 3.382 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM036941.D
Acq: 11 Oct 2022 12:12

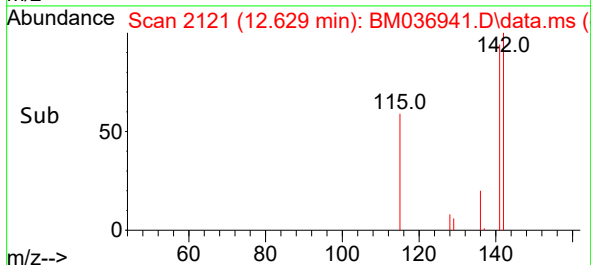
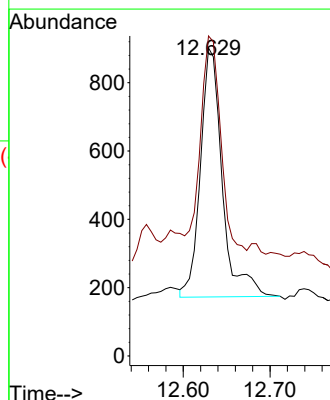
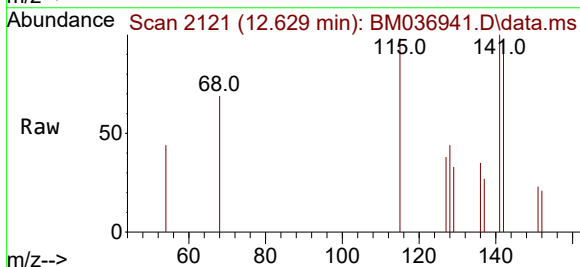
Instrument :
BNA_M
ClientSampleId :
CB8P1DL

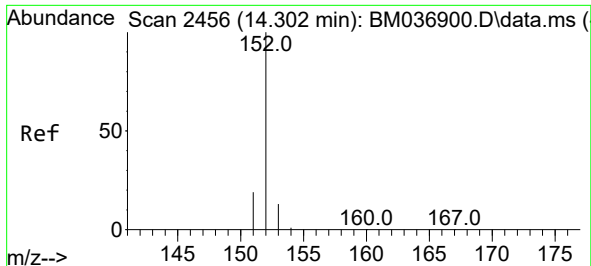
Tgt Ion: 88 Resp: 94399
Ion Ratio Lower Upper
88 100
43 28.2 37.8 56.6#
58 69.4 42.6 63.8#



#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM036941.D
Acq: 11 Oct 2022 12:12

Tgt Ion: 142 Resp: 1272
Ion Ratio Lower Upper
142 100
141 78.1 74.1 111.1

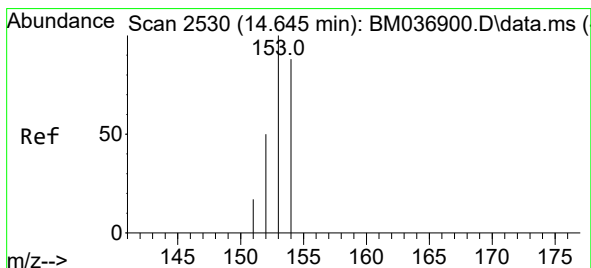
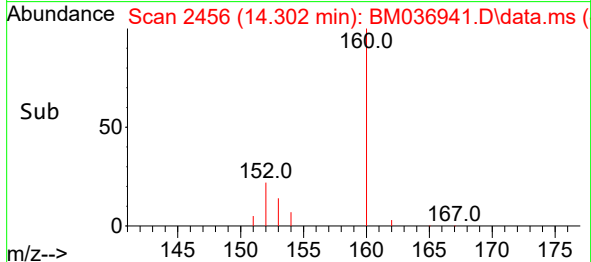
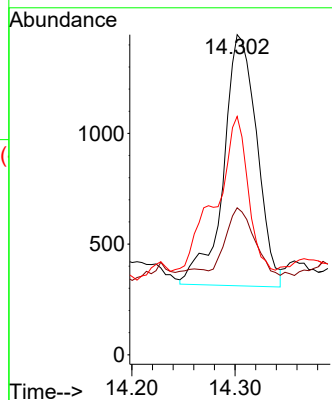
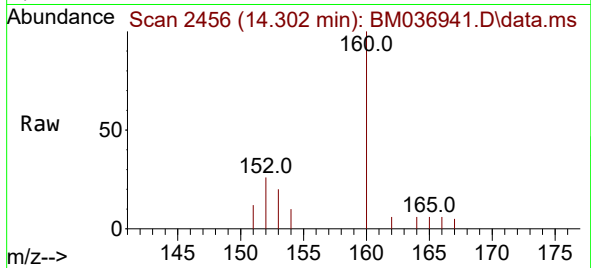




#10
Acenaphthylene
Concen: 0.035 ng/u1
RT: 14.302 min Scan# 2456
Delta R.T. 0.005 min
Lab File: BM036941.D
Acq: 11 Oct 2022 12:12

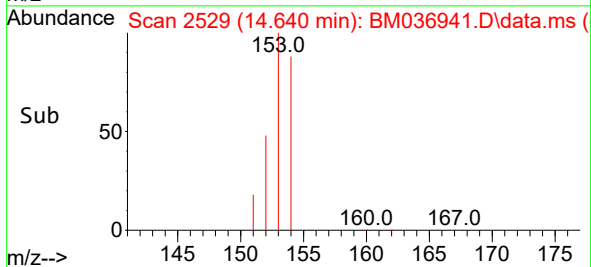
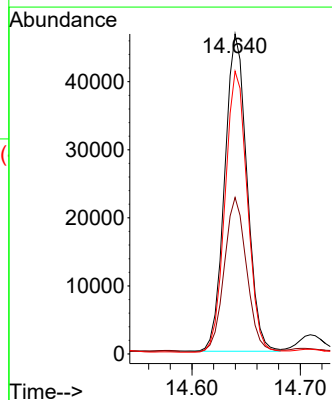
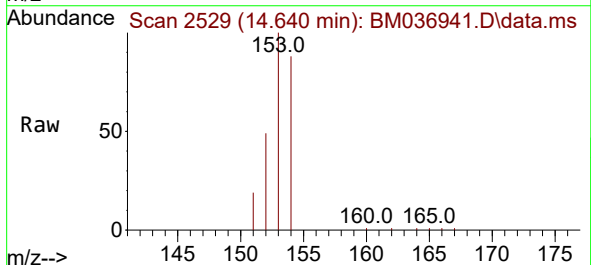
Instrument :
BNA_M
ClientSampleId :
CB8P1DL

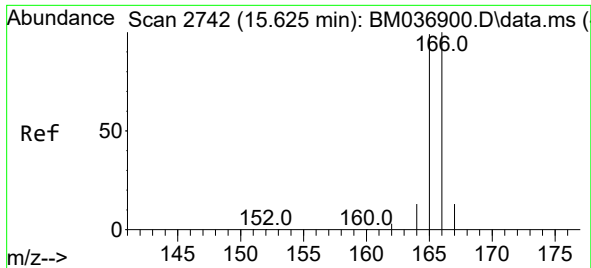
Tgt Ion:152 Resp: 2566
Ion Ratio Lower Upper
152 100
151 45.9 16.6 24.8#
153 74.5 11.4 17.0#



#11
Acenaphthene
Concen: 1.053 ng/u1
RT: 14.640 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BM036941.D
Acq: 11 Oct 2022 12:12

Tgt Ion:153 Resp: 66764
Ion Ratio Lower Upper
153 100
152 48.9 40.2 60.4
154 88.3 69.7 104.5

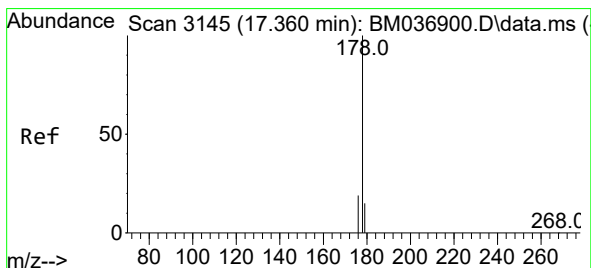
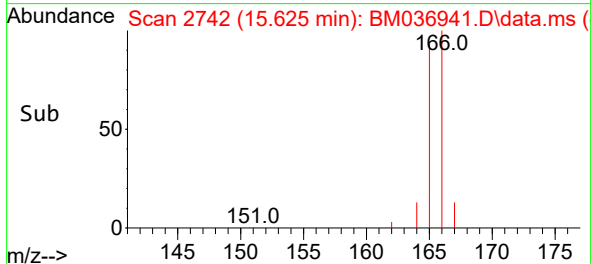
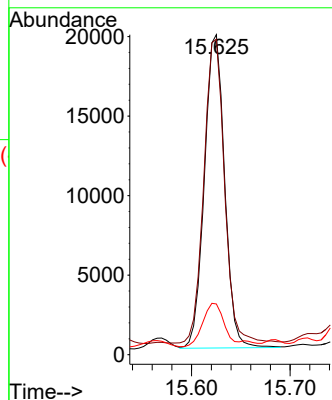
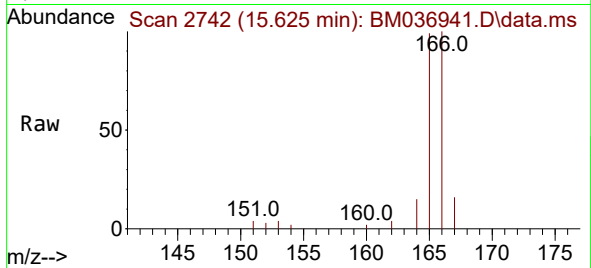




#12
Fluorene
Concen: 0.391 ng/ul
RT: 15.625 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM036941.D
Acq: 11 Oct 2022 12:12

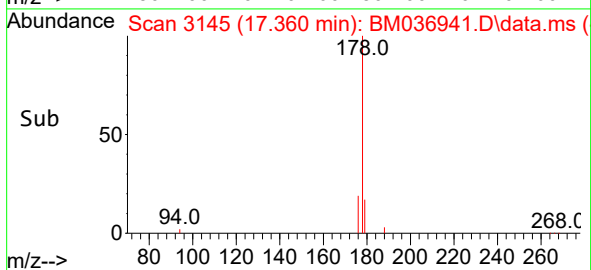
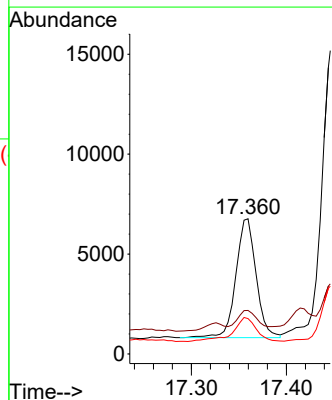
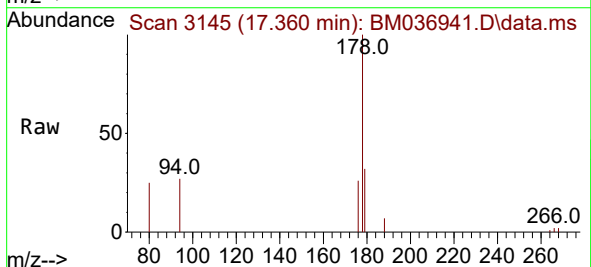
Instrument :
BNA_M
ClientSampleId :
CB8P1DL

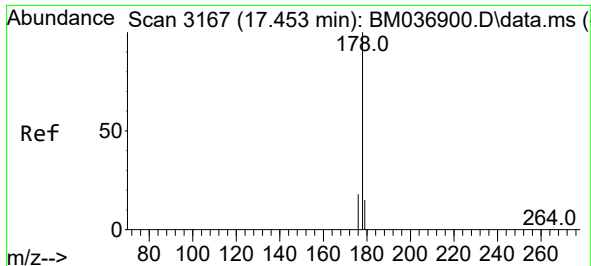
Tgt Ion:166 Resp: 28119
Ion Ratio Lower Upper
166 100
165 98.6 78.9 118.3
167 15.8 11.3 16.9



#15
Phenanthrene
Concen: 0.076 ng/ul
RT: 17.360 min Scan# 3145
Delta R.T. 0.004 min
Lab File: BM036941.D
Acq: 11 Oct 2022 12:12

Tgt Ion:178 Resp: 8790
Ion Ratio Lower Upper
178 100
179 32.2 13.0 19.6#
176 26.1 15.6 23.4#

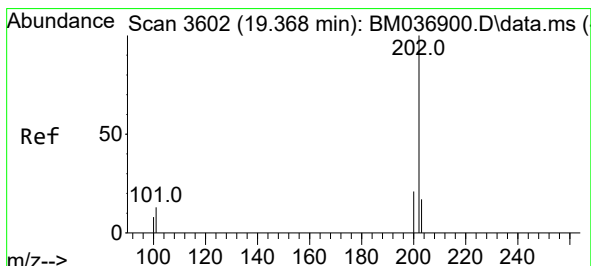
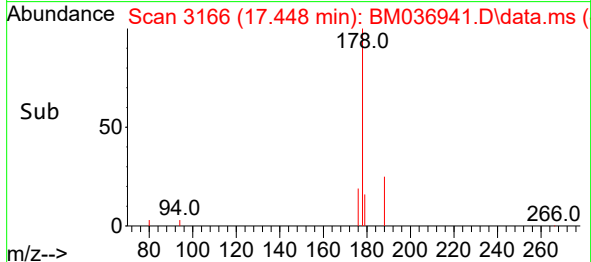
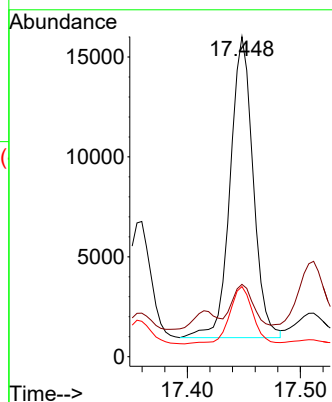
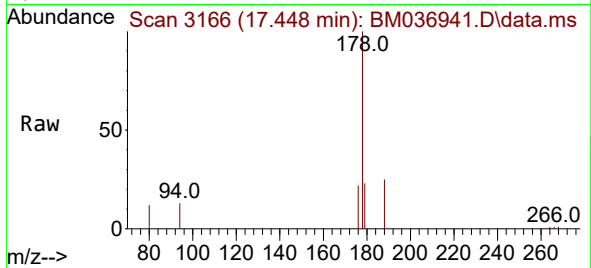




#16
 Anthracene
 Concen: 0.220 ng/ul
 RT: 17.448 min Scan# 3166
 Delta R.T. 0.000 min
 Lab File: BM036941.D
 Acq: 11 Oct 2022 12:12

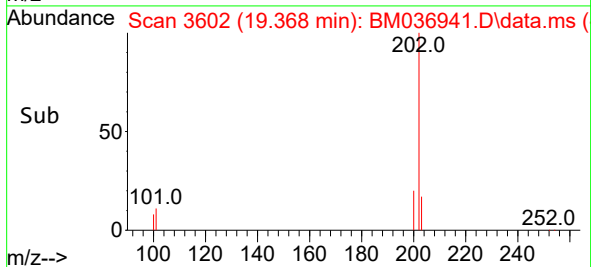
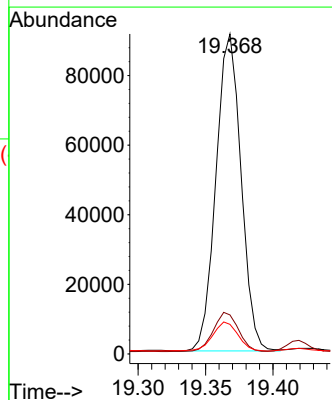
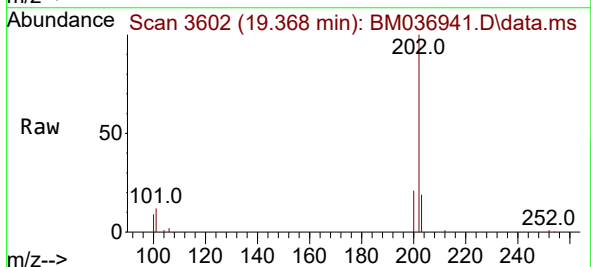
Instrument :
 BNA_M
 ClientSampleId :
 CB8P1DL

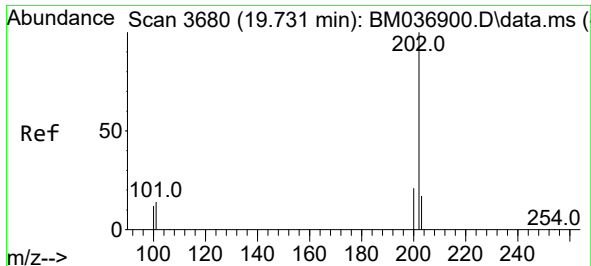
Tgt Ion:178 Resp: 21233
 Ion Ratio Lower Upper
 178 100
 179 22.6 13.6 20.4#
 176 21.9 15.6 23.4



#19
 Fluoranthene
 Concen: 1.227 ng/ul
 RT: 19.368 min Scan# 3602
 Delta R.T. 0.005 min
 Lab File: BM036941.D
 Acq: 11 Oct 2022 12:12

Tgt Ion:202 Resp: 117643
 Ion Ratio Lower Upper
 202 100
 101 12.2 10.1 15.1
 100 9.3 7.9 11.9

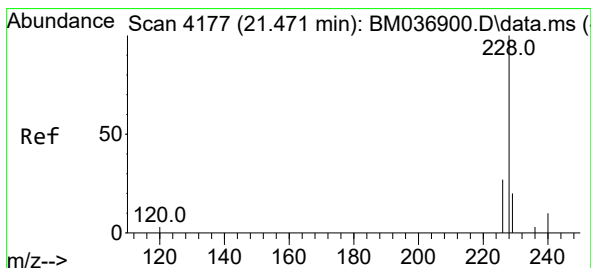
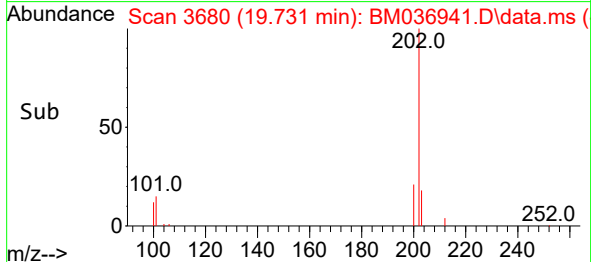
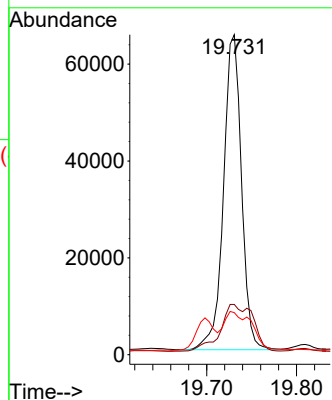
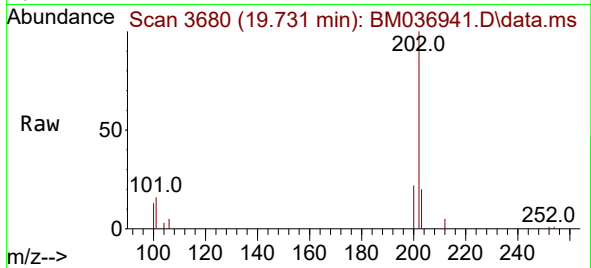




#20
Pyrene
Concen: 0.902 ng/ul
RT: 19.731 min Scan# 3680
Delta R.T. 0.005 min
Lab File: BM036941.D
Acq: 11 Oct 2022 12:12

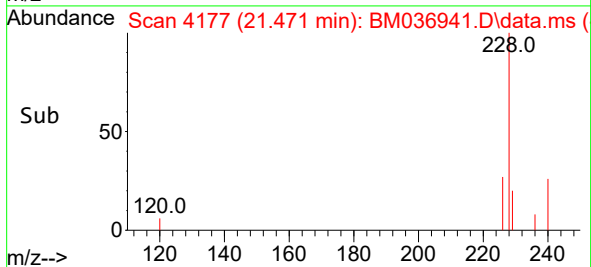
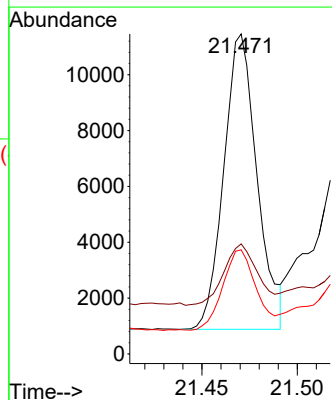
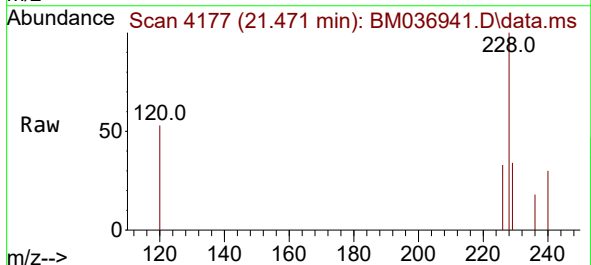
Instrument :
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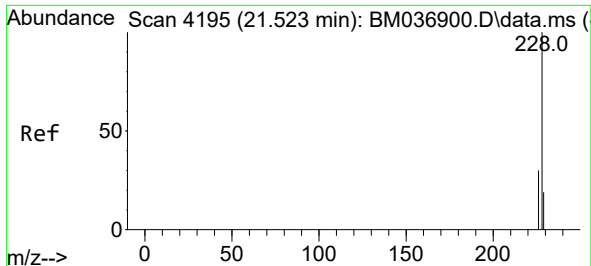
Tgt Ion:202 Resp: 90208
Ion Ratio Lower Upper
202 100
101 15.7 12.0 18.0
100 13.2 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.147 ng/ul
RT: 21.471 min Scan# 4177
Delta R.T. 0.003 min
Lab File: BM036941.D
Acq: 11 Oct 2022 12:12

Tgt Ion:228 Resp: 12825
Ion Ratio Lower Upper
228 100
229 34.4 16.2 24.2#
226 32.5 22.5 33.7





#22

Chrysene

Concen: 0.117 ng/ul

RT: 21.523 min Scan# 4195

Delta R.T. 0.003 min

Lab File: BM036941.D

Acq: 11 Oct 2022 12:12

Instrument :

BNA_M

ClientSampleId :

CB8P1DL

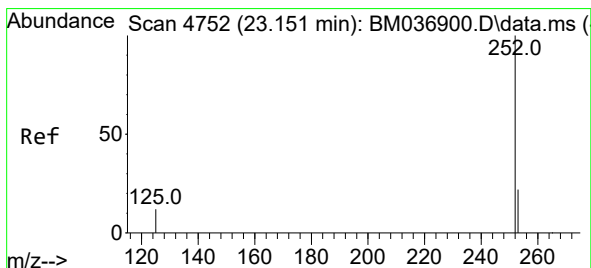
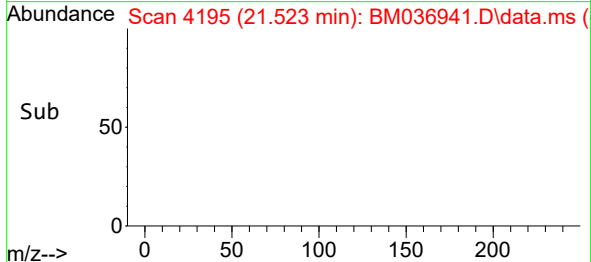
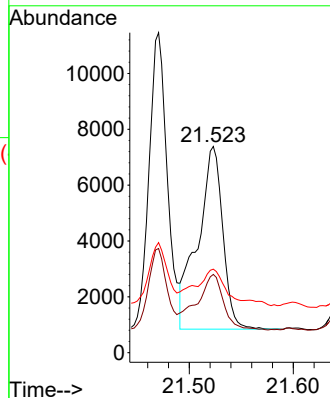
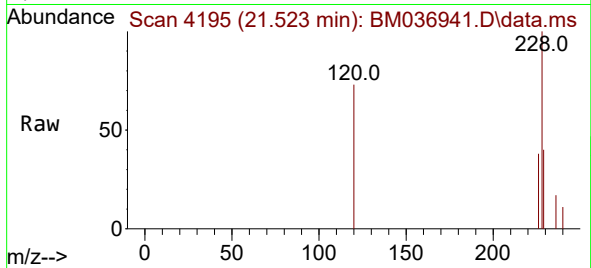
Tgt Ion:228 Resp: 10929

Ion Ratio Lower Upper

228 100

226 37.9 24.6 37.0#

229 40.5 16.4 24.6#



#24

Benzo(b)fluoranthene

Concen: 0.061 ng/ul

RT: 23.151 min Scan# 4752

Delta R.T. 0.006 min

Lab File: BM036941.D

Acq: 11 Oct 2022 12:12

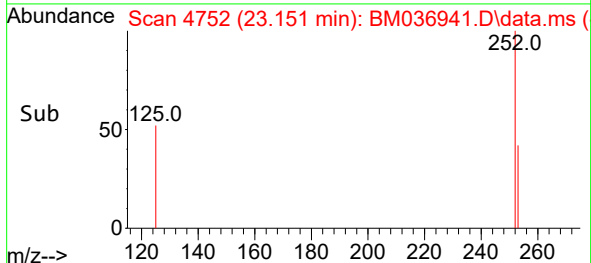
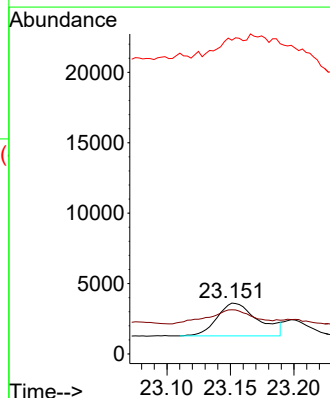
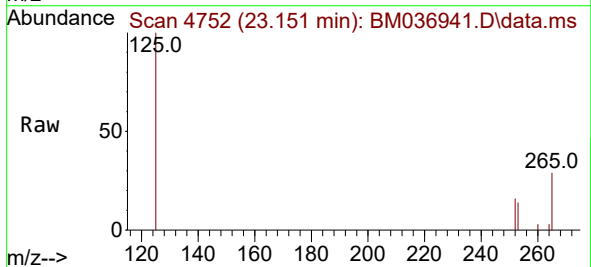
Tgt Ion:252 Resp: 5259

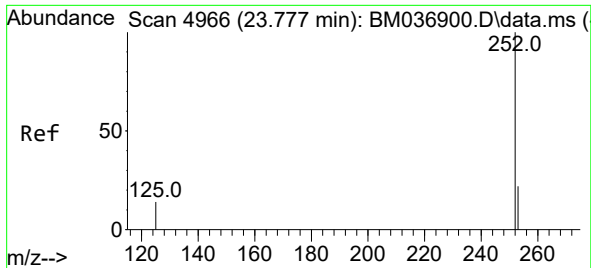
Ion Ratio Lower Upper

252 100

253 86.9 0.0 61.4#

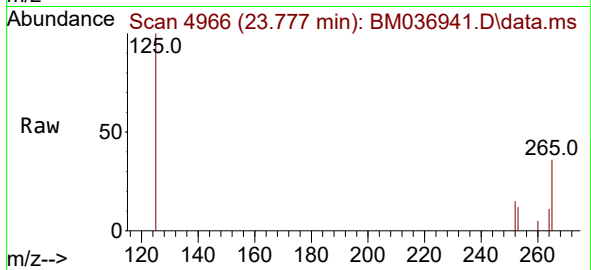
125 616.5 0.0 42.6#





#26
Benzo(a)pyrene
Concen: 0.044 ng/ul
RT: 23.777 min Scan# 4966
Delta R.T. 0.006 min
Lab File: BM036941.D
Acq: 11 Oct 2022 12:12

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:252 Resp: 3067
Ion Ratio Lower Upper
252 100
253 83.0 29.7 44.5#
125 678.3 23.6 35.4#

