

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
 Data File : BM042190.D
 Acq On : 04 Oct 2023 16:11
 Operator : MA/JU
 Sample : 04571-01DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBJM2DL

Quant Time: Oct 05 01:54:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 02 19:28:41 2023
 Response via : Initial Calibration

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

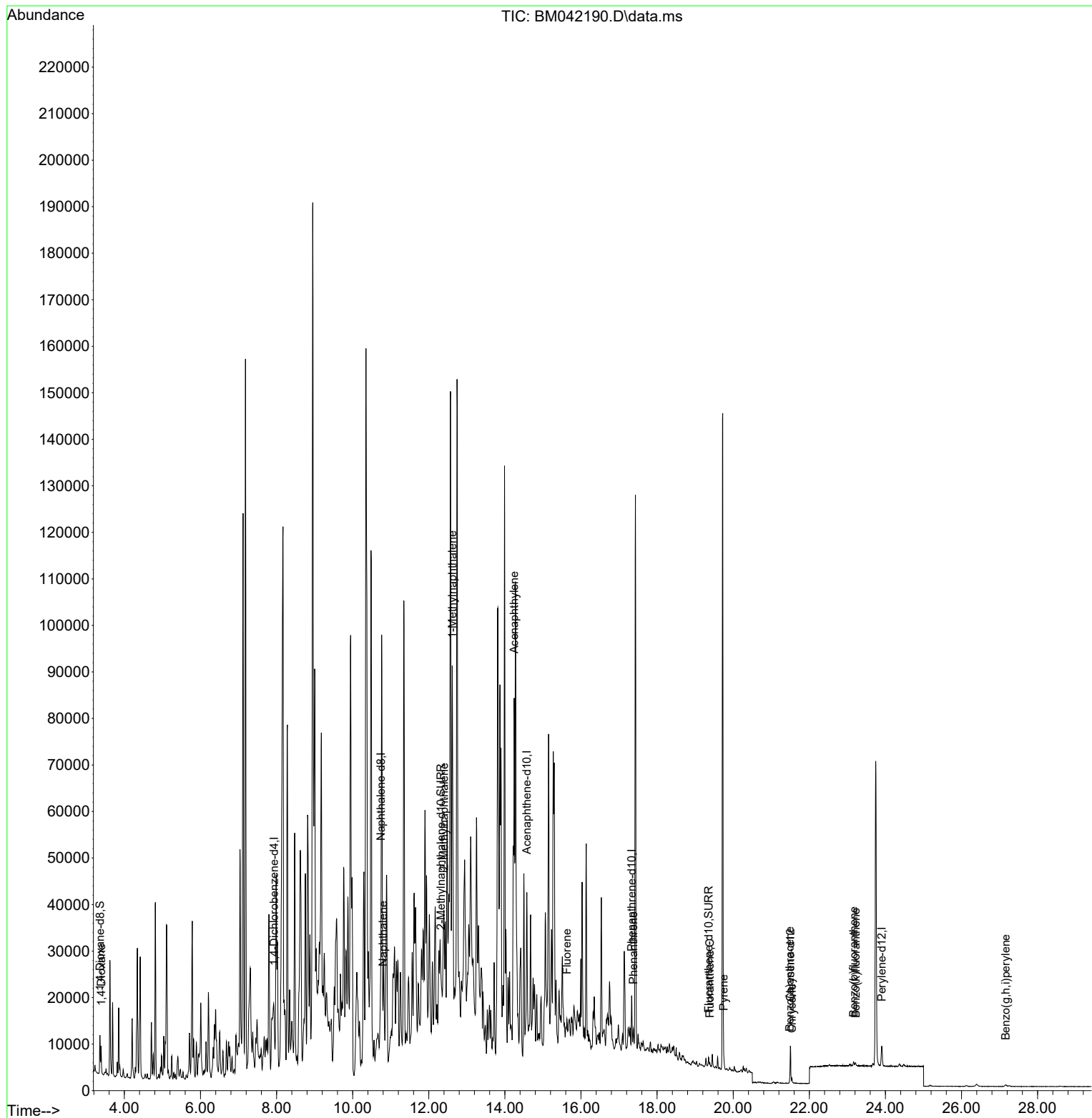
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	3706	0.400	ng/ul	0.00
4) Naphthalene-d8	10.746	136	9152	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.573	164	29848	0.400	ng/ul #	-0.01
13) Phenanthrene-d10	17.333	188	10544	0.400	ng/ul #	0.00
17) Chrysene-d12	21.504	240	5899	0.400	ng/ul	-0.01
23) Perylene-d12	23.904	264	5933	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	4304	0.872	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.319	152	3331	0.265	ng/ul	-0.02
18) Fluoranthene-d10	19.352	212	1260	0.057	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	287	0.056	ng/ul#	1
5) Naphthalene	10.796	128	6310	0.207	ng/ul#	63
7) 2-Methylnaphthalene	12.401	142	821	0.045	ng/ul#	6
8) 1-Methylnaphthalene	12.621	142	10156	0.552	ng/ul	83
10) Acenaphthylene	14.245	152	91776	0.487	ng/ul#	75
12) Fluorene	15.628	166	3615	0.022	ng/ul#	87
15) Phenanthrene	17.375	178	4146	0.095	ng/ul#	21
19) Fluoranthene	19.385	202	900	0.020	ng/ul#	10
20) Pyrene	19.752	202	1959	0.041	ng/ul#	49
21) Benzo(a)anthracene	21.486	228	950	0.025	ng/ul#	63
22) Chrysene	21.542	228	1001	0.027	ng/ul#	67
24) Benzo(b)fluoranthene	23.164	252	1177	0.034	ng/ul#	1
25) Benzo(k)fluoranthene	23.216	252	1038	0.030	ng/ul#	1
29) Benzo(g,h,i)perylene	27.162	276	737	0.021	ng/ul#	22

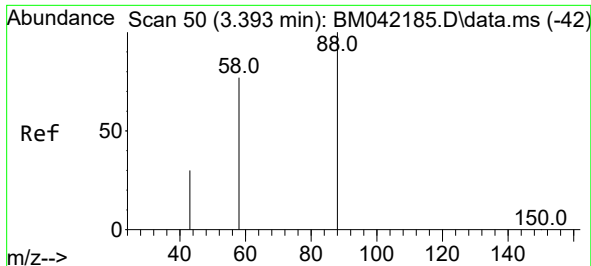
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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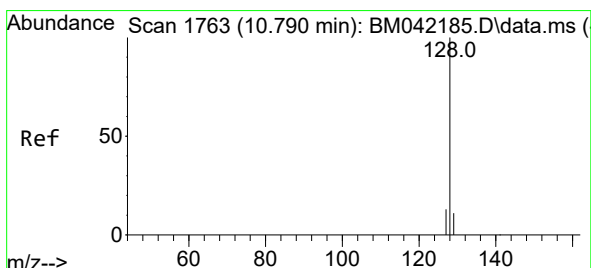
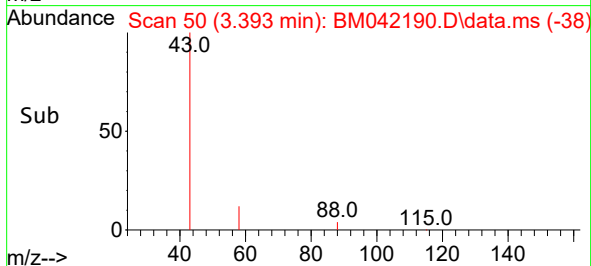
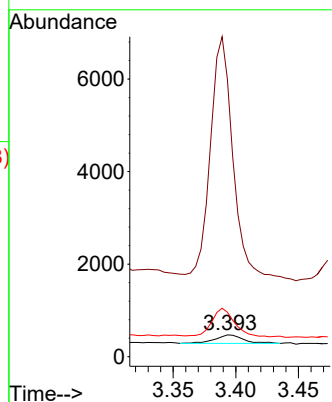
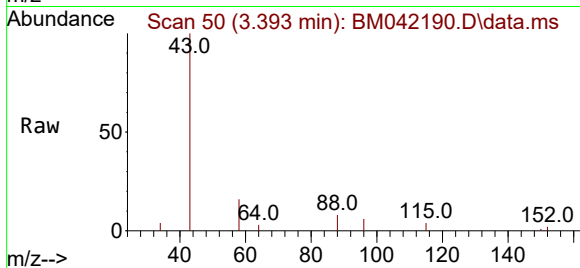




#2
1,4-Dioxane
Concen: 0.056 ng/ul
RT: 3.393 min Scan# 50
Delta R.T. -0.008 min
Lab File: BM042190.D
Acq: 04 Oct 2023 16:11

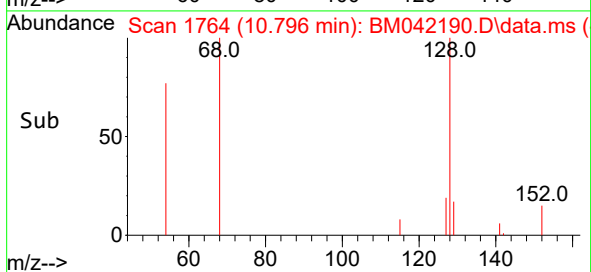
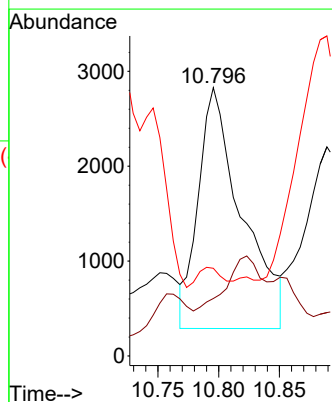
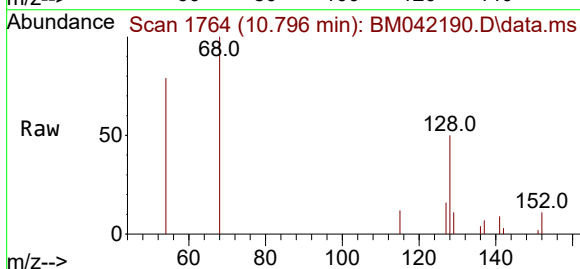
Instrument :
BNA_M
ClientSampleId :
BBJM2DL

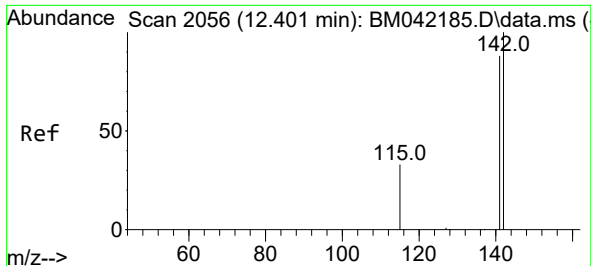
Tgt Ion: 88 Resp: 287
Ion Ratio Lower Upper
88 100
43 1275.5 52.1 78.1#
58 204.5 53.8 80.6#



#5
Naphthalene
Concen: 0.207 ng/ul
RT: 10.796 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BM042190.D
Acq: 04 Oct 2023 16:11

Tgt Ion: 128 Resp: 6310
Ion Ratio Lower Upper
128 100
129 21.4 9.4 14.2#
127 32.7 11.0 16.4#

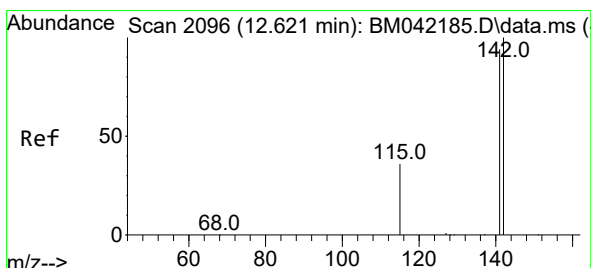
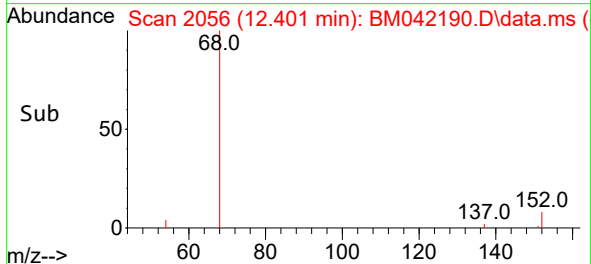
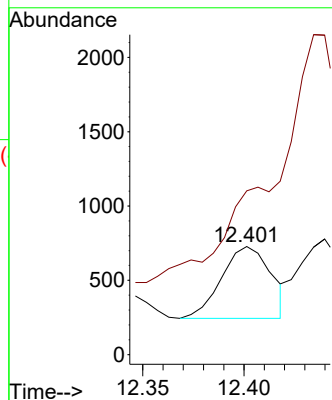
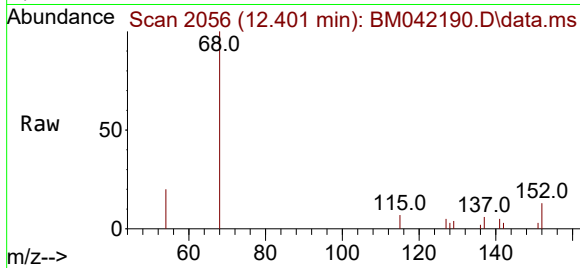




#7
2-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.401 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BM042190.D
Acq: 04 Oct 2023 16:11

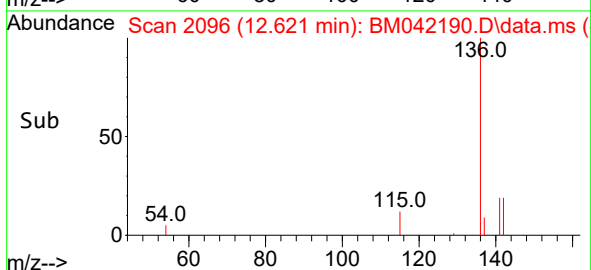
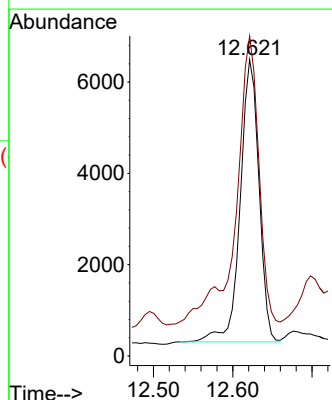
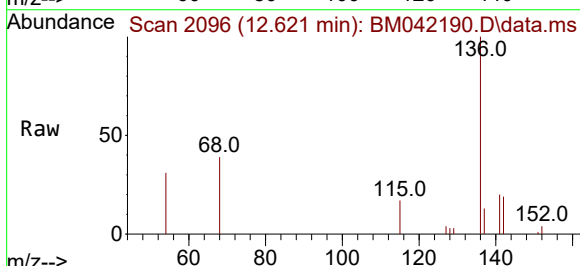
Instrument :
BNA_M
ClientSampleId :
BBJM2DL

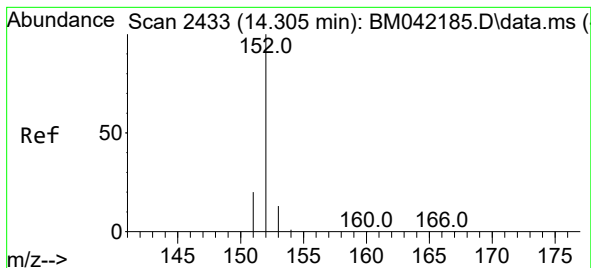
Tgt Ion:142 Resp: 821
Ion Ratio Lower Upper
142 100
141 0.0 70.2 105.4#



#8
1-Methylnaphthalene
Concen: 0.552 ng/ul
RT: 12.621 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BM042190.D
Acq: 04 Oct 2023 16:11

Tgt Ion:142 Resp: 10156
Ion Ratio Lower Upper
142 100
141 108.1 73.5 110.3





#10

Acenaphthylene

Concen: 0.487 ng/ul

RT: 14.245 min Scan# 2433

Delta R.T. -0.069 min

Lab File: BM042190.D

Acq: 04 Oct 2023 16:11

Instrument :

BNA_M

ClientSampleId :

BBJM2DL

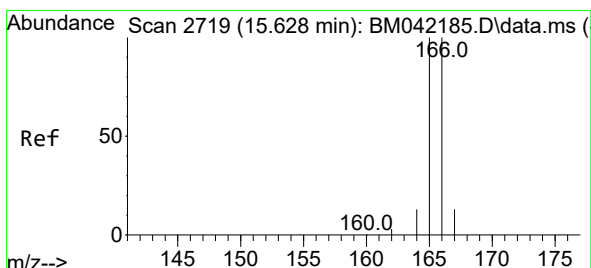
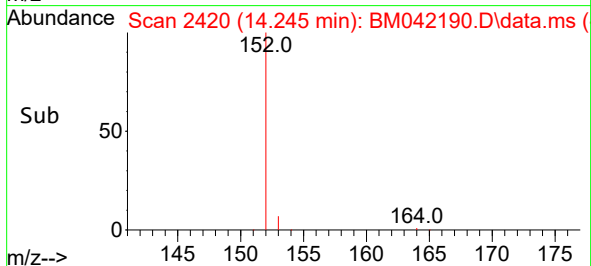
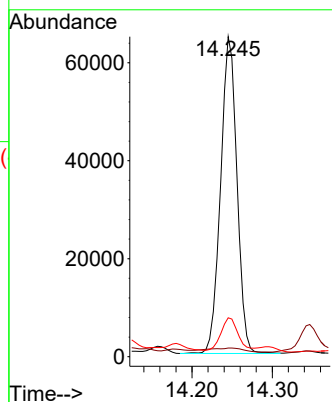
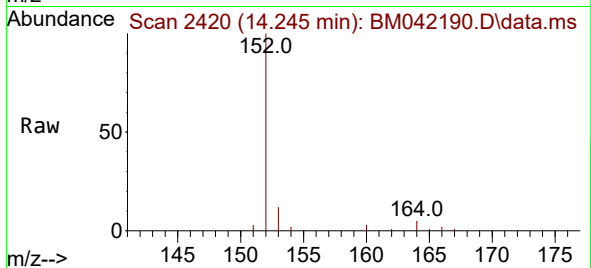
Tgt Ion:152 Resp: 91776

Ion Ratio Lower Upper

152 100

151 2.7 16.4 24.6#

153 12.1 10.9 16.3



#12

Fluorene

Concen: 0.022 ng/ul

RT: 15.628 min Scan# 2719

Delta R.T. -0.009 min

Lab File: BM042190.D

Acq: 04 Oct 2023 16:11

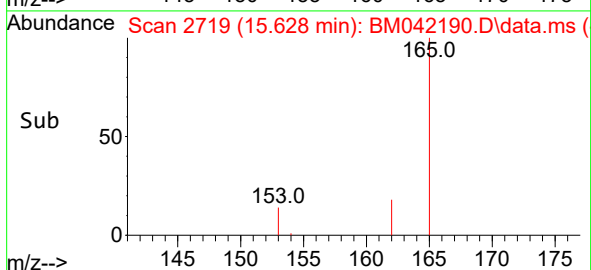
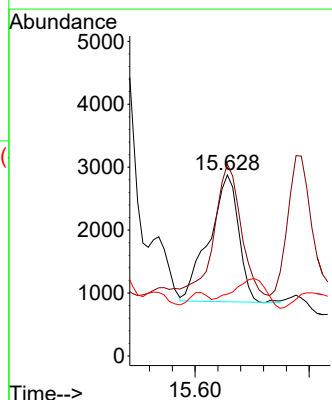
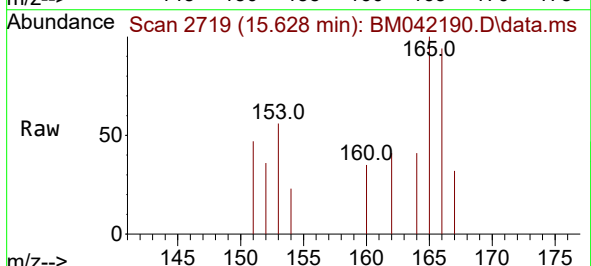
Tgt Ion:166 Resp: 3615

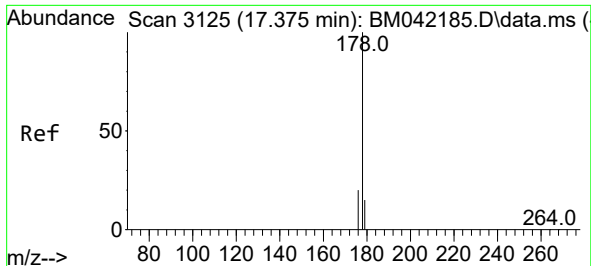
Ion Ratio Lower Upper

166 100

165 105.9 78.4 117.6

167 34.2 11.5 17.3#

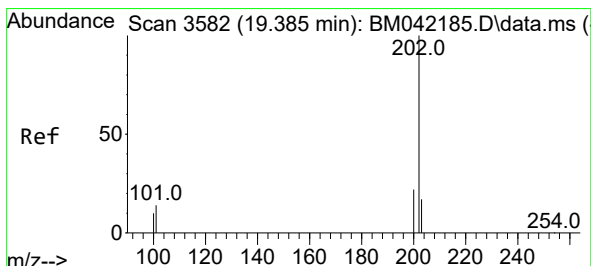
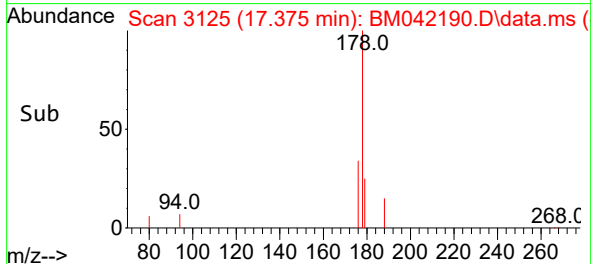
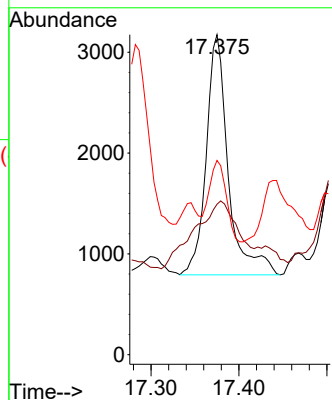
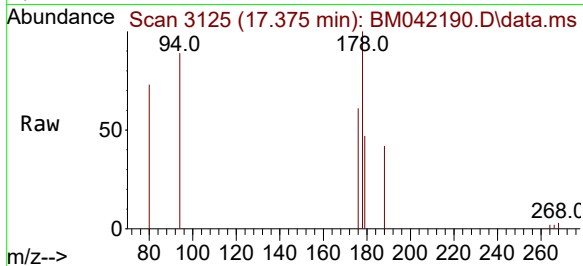




#15
Phenanthrene
Concen: 0.095 ng/ul
RT: 17.375 min Scan# 3125
Delta R.T. -0.009 min
Lab File: BM042190.D
Acq: 04 Oct 2023 16:11

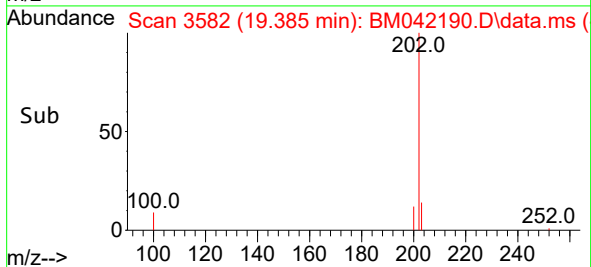
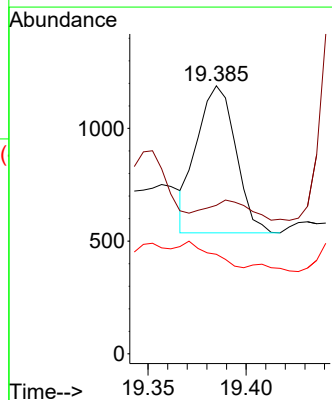
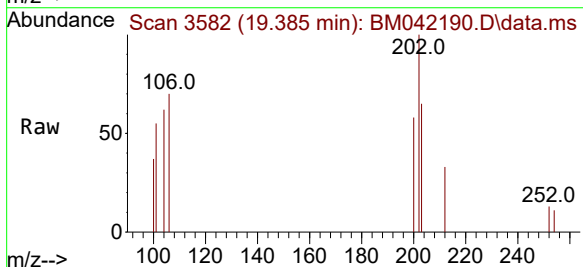
Instrument :
BNA_M
ClientSampleId :
BBJM2DL

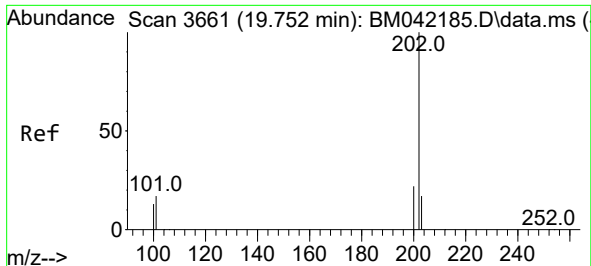
Tgt Ion:178 Resp: 4146
Ion Ratio Lower Upper
178 100
179 47.0 13.0 19.4#
176 60.7 16.8 25.2#



#19
Fluoranthene
Concen: 0.020 ng/ul
RT: 19.385 min Scan# 3582
Delta R.T. -0.009 min
Lab File: BM042190.D
Acq: 04 Oct 2023 16:11

Tgt Ion:202 Resp: 900
Ion Ratio Lower Upper
202 100
101 55.4 11.1 16.7#
100 37.2 8.2 12.2#

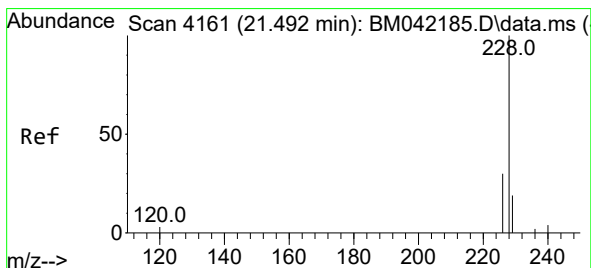
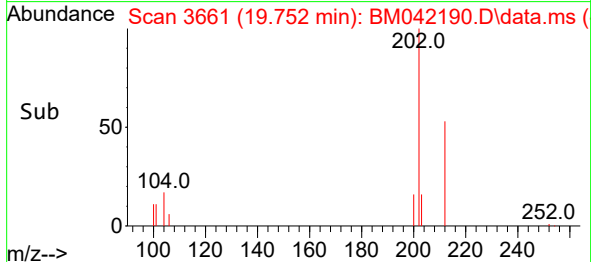
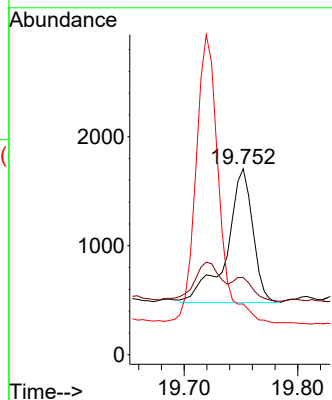
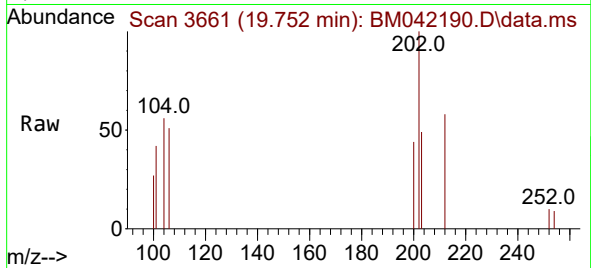




#20
Pyrene
Concen: 0.041 ng/ul
RT: 19.752 min Scan# 3661
Delta R.T. -0.009 min
Lab File: BM042190.D
Acq: 04 Oct 2023 16:11

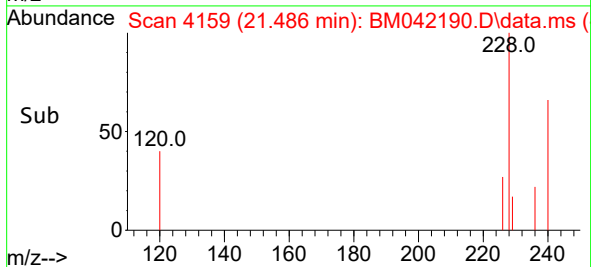
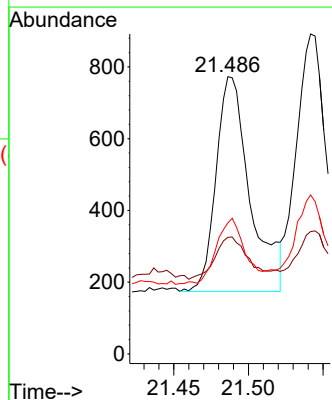
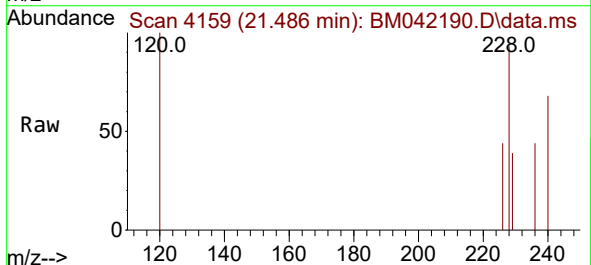
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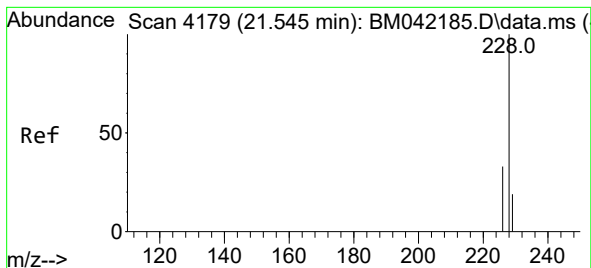
Tgt Ion:202 Resp: 1959
Ion Ratio Lower Upper
202 100
101 41.5 12.7 19.1#
100 27.3 9.9 14.9#



#21
Benzo(a)anthracene
Concen: 0.025 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. -0.012 min
Lab File: BM042190.D
Acq: 04 Oct 2023 16:11

Tgt Ion:228 Resp: 950
Ion Ratio Lower Upper
228 100
229 42.0 15.8 23.8#
226 47.2 24.6 37.0#





#22

Chrysene

Concen: 0.027 ng/ul

RT: 21.542 min Scan# 4179

Delta R.T. -0.012 min

Lab File: BM042190.D

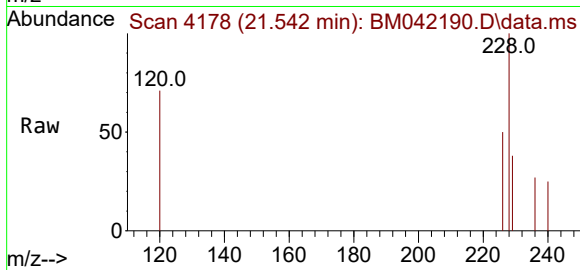
Acq: 04 Oct 2023 16:11

Instrument :

BNA_M

ClientSampleId :

BBJM2DL



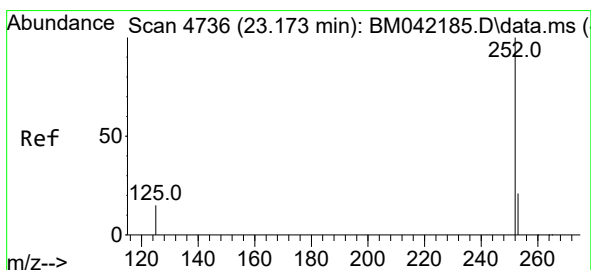
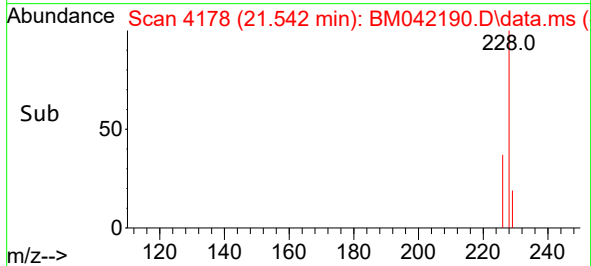
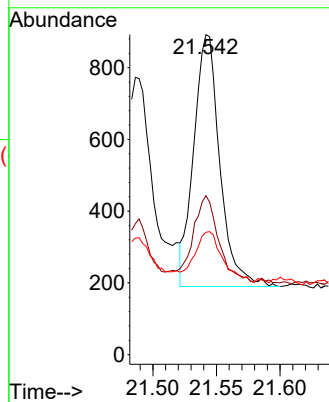
Tgt Ion:228 Resp: 1001

Ion Ratio Lower Upper

228 100

226 49.7 26.7 40.1#

229 38.2 15.8 23.8#



#24

Benzo(b)fluoranthene

Concen: 0.034 ng/ul

RT: 23.164 min Scan# 4733

Delta R.T. -0.015 min

Lab File: BM042190.D

Acq: 04 Oct 2023 16:11

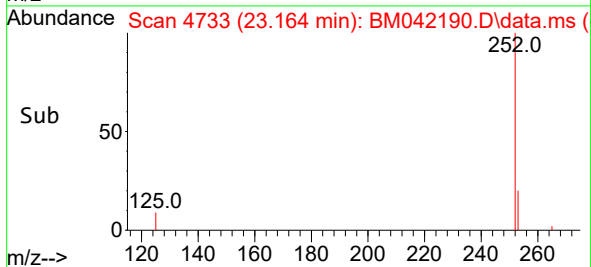
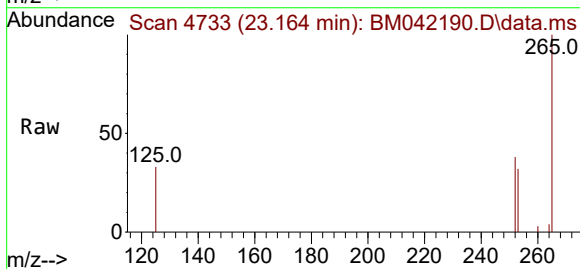
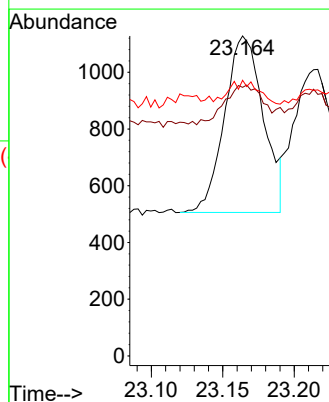
Tgt Ion:252 Resp: 1177

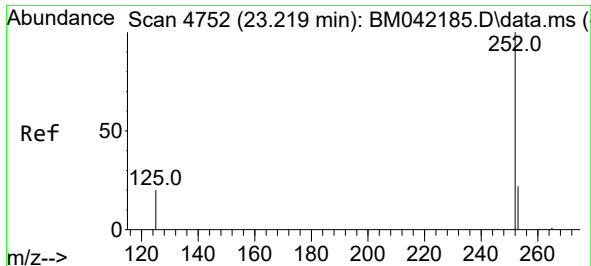
Ion Ratio Lower Upper

252 100

253 84.0 0.0 59.0#

125 86.2 0.0 49.6#

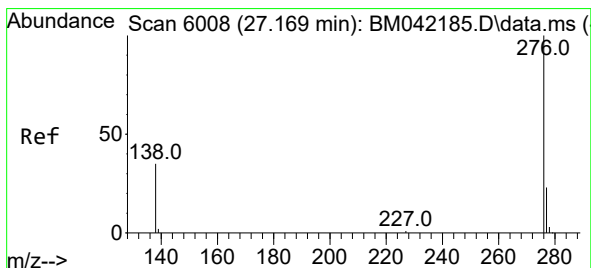
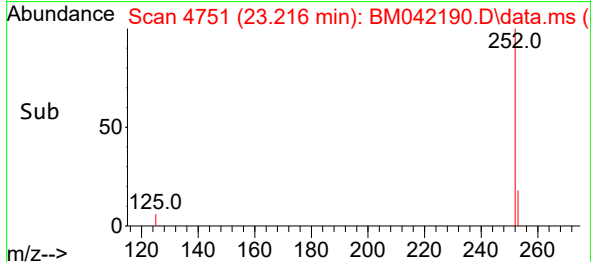
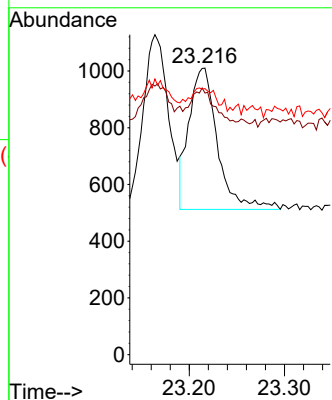
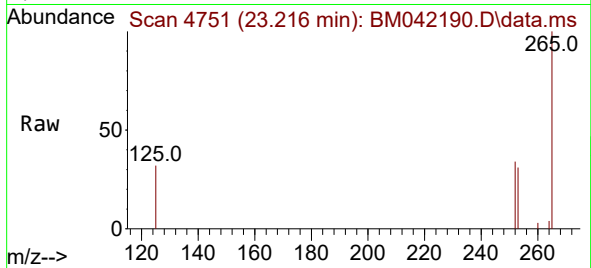




#25
Benzo(k)fluoranthene
Concen: 0.030 ng/ul
RT: 23.216 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM042190.D
Acq: 04 Oct 2023 16:11

Instrument :
BNA_M
ClientSampleId :
BBJM2DL

Tgt Ion:252 Resp: 1038
Ion Ratio Lower Upper
252 100
253 91.3 23.4 35.0#
125 92.9 19.9 29.9#



#29
Benzo(g,h,i)perylene
Concen: 0.021 ng/ul
RT: 27.162 min Scan# 6006
Delta R.T. -0.034 min
Lab File: BM042190.D
Acq: 04 Oct 2023 16:11

Tgt Ion:276 Resp: 737
Ion Ratio Lower Upper
276 100
138 85.6 26.8 40.2#
277 55.3 20.1 30.1#

