

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
 Data File : BM040861.D
 Acq On : 13 Jul 2023 22:25
 Operator : MA/JU
 Sample : 03418-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4642

Quant Time: Jul 14 03:18:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 03:14:53 2023
 Response via : Initial Calibration

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

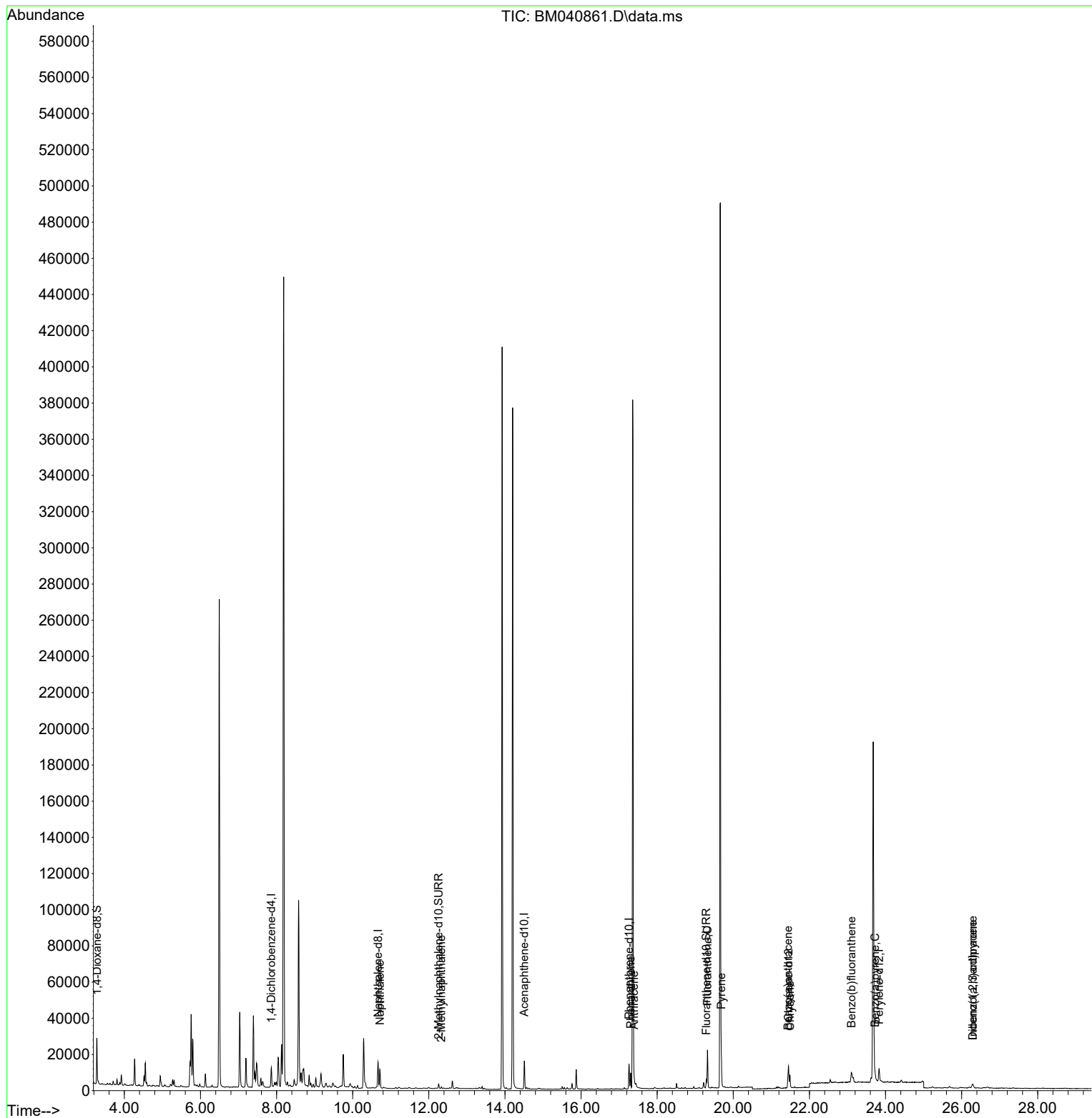
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	5232	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	18803	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.509	164	8497	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	15778	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	9625	0.400	ng/ul	0.00
23) Perylene-d12	23.833	264	10189	0.400	ng/ul #-	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	13584	1.653	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	3246	0.123	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	4706	0.153	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.713	128	13771	0.266	ng/ul	99
7) 2-Methylnaphthalene	12.330	142	678	0.022	ng/ul	97
15) Phenanthrene	17.303	178	8675	0.177	ng/ul	99
16) Anthracene	17.392	178	856	0.021	ng/ul#	74
19) Fluoranthene	19.324	202	17709	0.433	ng/ul	97
20) Pyrene	19.687	202	13705	0.313	ng/ul	99
21) Benzo(a)anthracene	21.437	228	4785	0.147	ng/ul#	89
22) Chrysene	21.486	228	7626	0.205	ng/ul#	93
24) Benzo(b)fluoranthene	23.105	252	9290	0.236	ng/ul	69
26) Benzo(a)pyrene	23.725	252	3196	0.090	ng/ul#	23
27) Indeno(1,2,3-cd)pyrene	26.290	276	3729	0.075	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.294	278	1212	0.031	ng/ul#	1

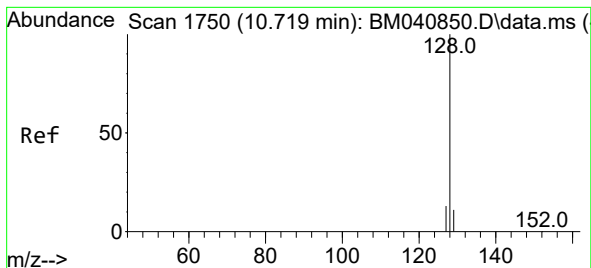
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.266 ng/ul

RT: 10.713 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM040861.D

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ClientSampleId :

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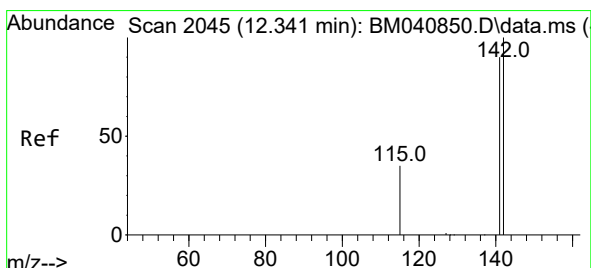
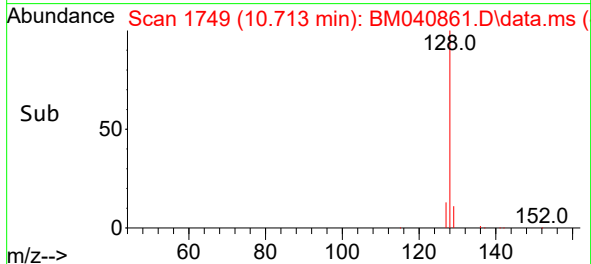
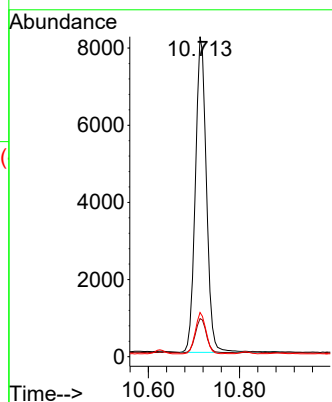
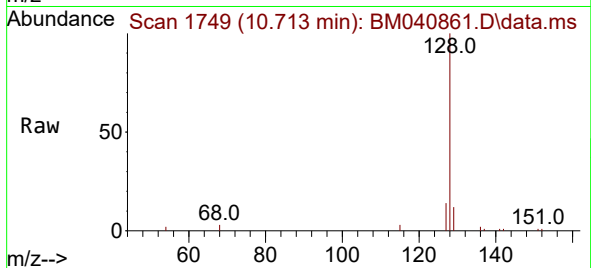
Tgt Ion:128 Resp: 13771

Ion Ratio Lower Upper

128 100

129 11.9 9.2 13.8

127 13.8 10.6 15.8



#7

2-Methylnaphthalene

Concen: 0.022 ng/ul

RT: 12.330 min Scan# 2043

Delta R.T. -0.011 min

Lab File: BM040861.D

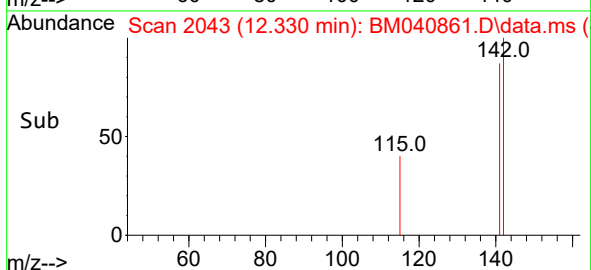
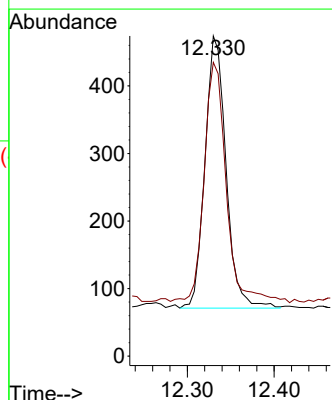
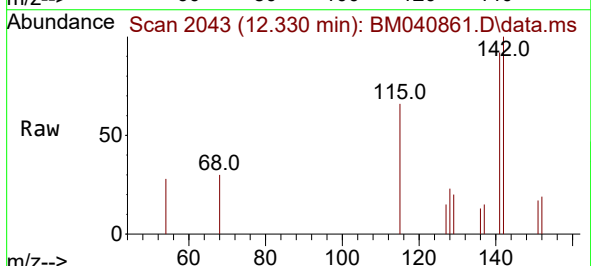
Acq: 13 Jul 2023 22:25

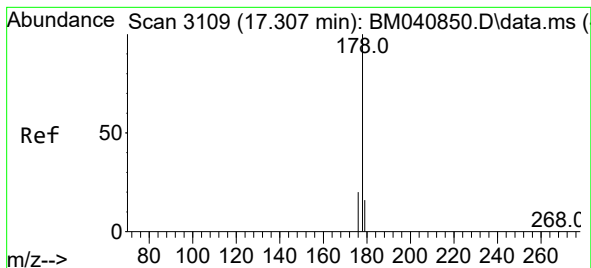
Tgt Ion:142 Resp: 678

Ion Ratio Lower Upper

142 100

141 92.9 71.9 107.9





#15

Phenanthrene

Concen: 0.177 ng/ul

RT: 17.303 min Scan# 3108

Delta R.T. -0.004 min

Lab File: BM040861.D

Acq: 13 Jul 2023 22:25

Instrument :

BNA_M

ClientSampleId :

A4642

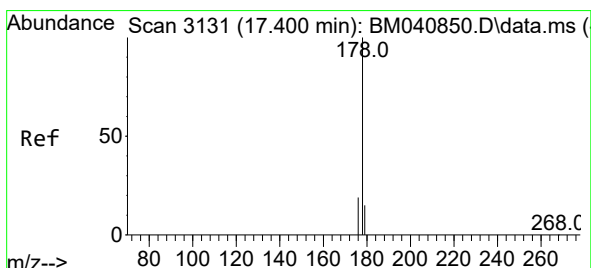
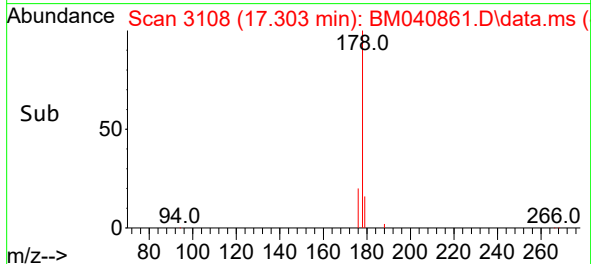
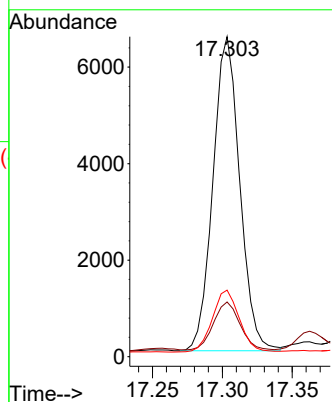
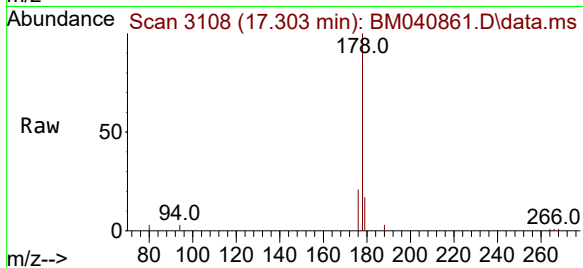
Tgt Ion:178 Resp: 8675

Ion Ratio Lower Upper

178 100

179 17.1 12.8 19.2

176 20.8 16.4 24.6



#16

Anthracene

Concen: 0.021 ng/ul

RT: 17.392 min Scan# 3129

Delta R.T. -0.008 min

Lab File: BM040861.D

Acq: 13 Jul 2023 22:25

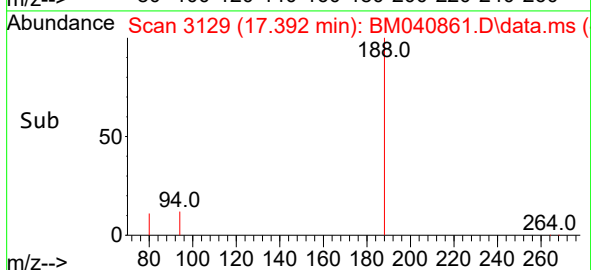
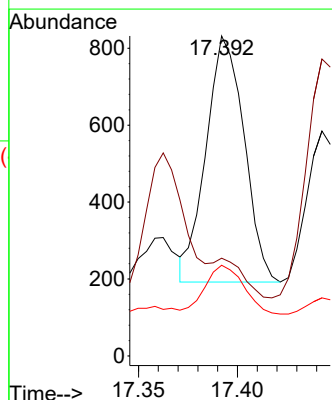
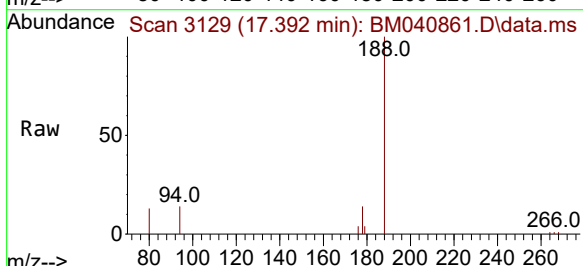
Tgt Ion:178 Resp: 856

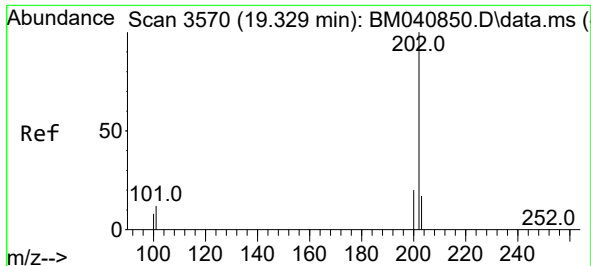
Ion Ratio Lower Upper

178 100

179 30.5 12.9 19.3#

176 28.4 15.8 23.6#

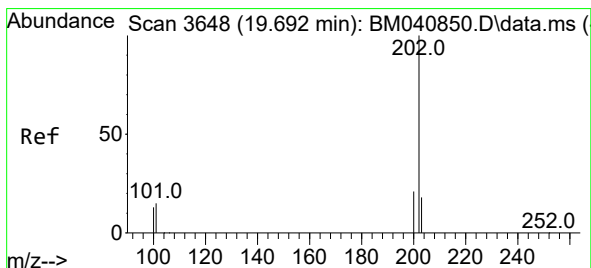
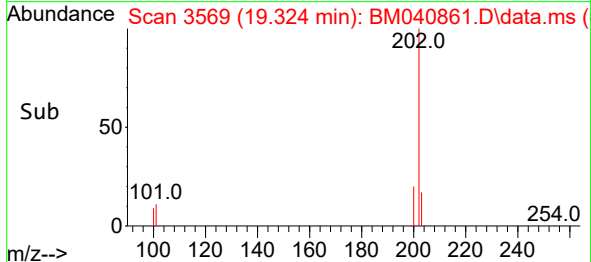
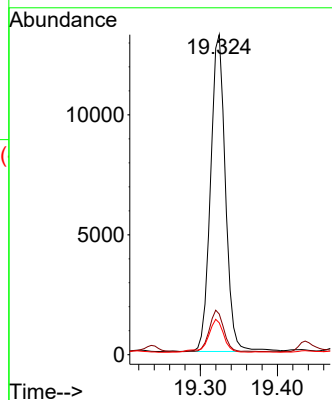
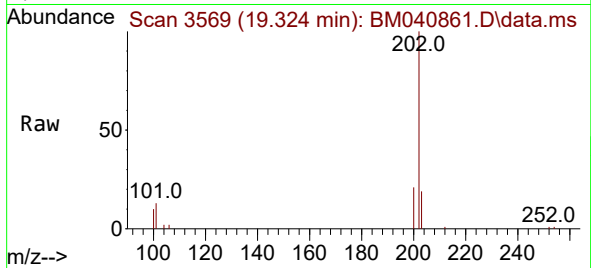




#19
Fluoranthene
Concen: 0.433 ng/ul
RT: 19.324 min Scan# 3569
Delta R.T. -0.005 min
Lab File: BM040861.D
Acq: 13 Jul 2023 22:25

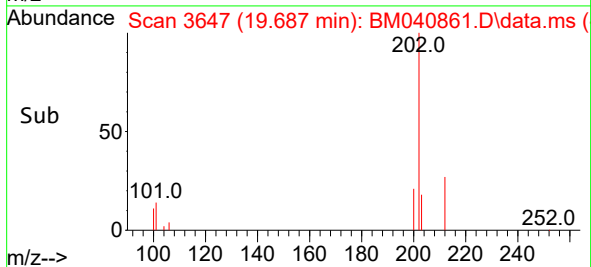
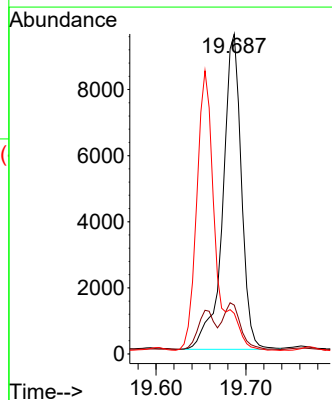
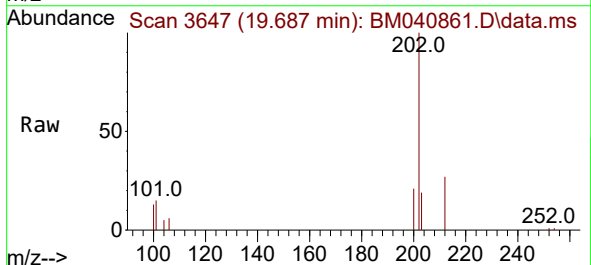
Instrument :
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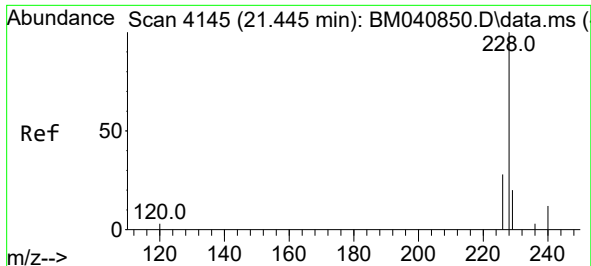
Tgt Ion:202 Resp: 17709
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 9.9 8.7 13.1



#20
Pyrene
Concen: 0.313 ng/ul
RT: 19.687 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BM040861.D
Acq: 13 Jul 2023 22:25

Tgt Ion:202 Resp: 13705
Ion Ratio Lower Upper
202 100
101 15.3 12.6 18.8
100 12.7 9.8 14.6

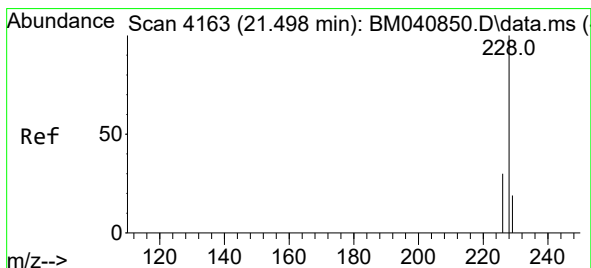
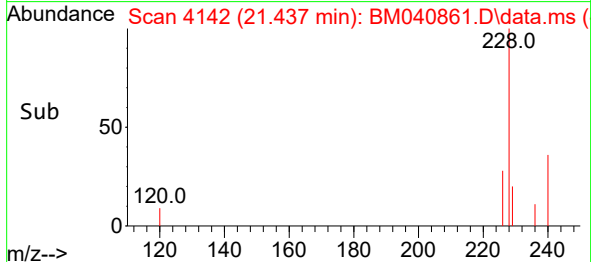
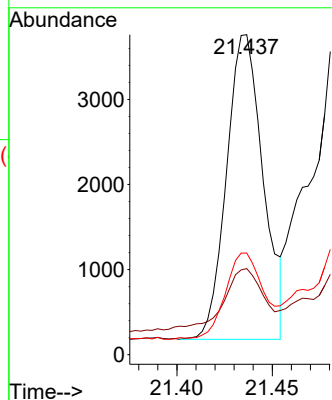
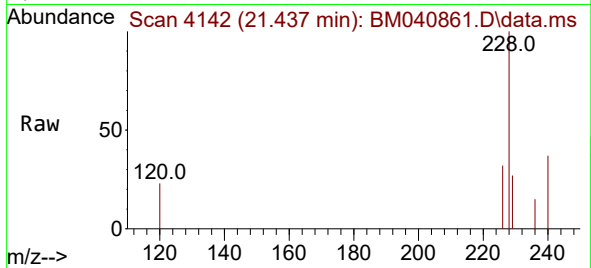




#21
Benzo(a)anthracene
Concen: 0.147 ng/ul
RT: 21.437 min Scan# 4145
Delta R.T. -0.009 min
Lab File: BM040861.D
Acq: 13 Jul 2023 22:25

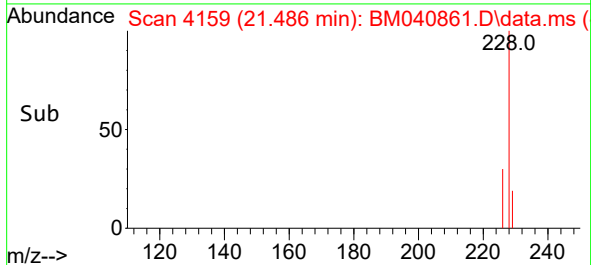
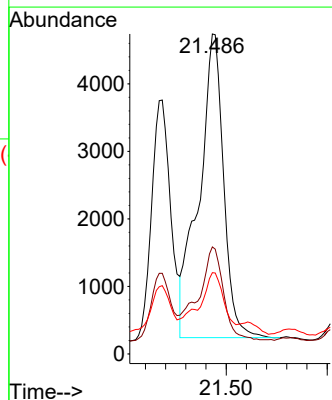
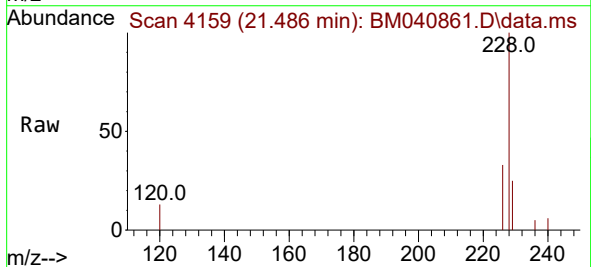
Instrument :
BNA_M
ClientSampleId :
A4642

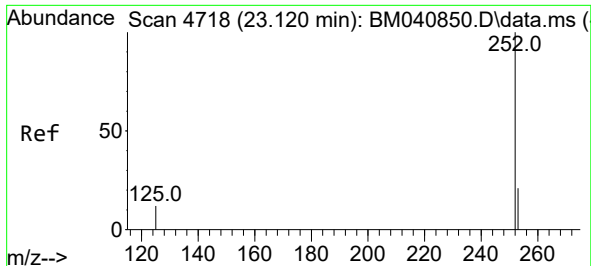
Tgt Ion:228 Resp: 4785
Ion Ratio Lower Upper
228 100
229 26.9 16.0 24.0#
226 31.7 22.3 33.5



#22
Chrysene
Concen: 0.205 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. -0.012 min
Lab File: BM040861.D
Acq: 13 Jul 2023 22:25

Tgt Ion:228 Resp: 7626
Ion Ratio Lower Upper
228 100
226 33.5 24.9 37.3
229 25.4 15.8 23.6#

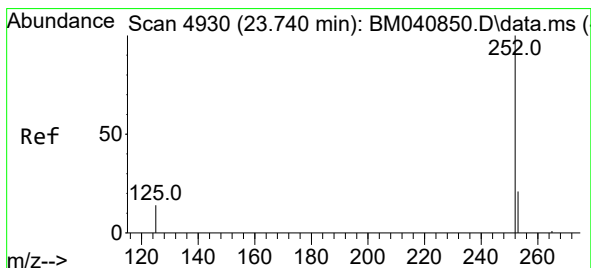
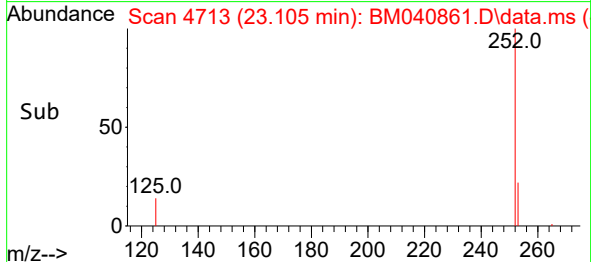
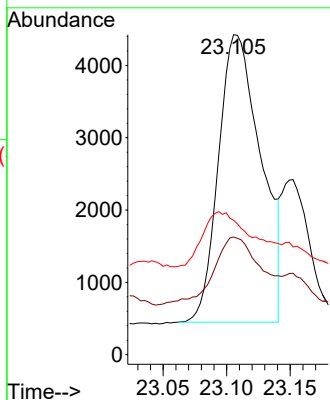
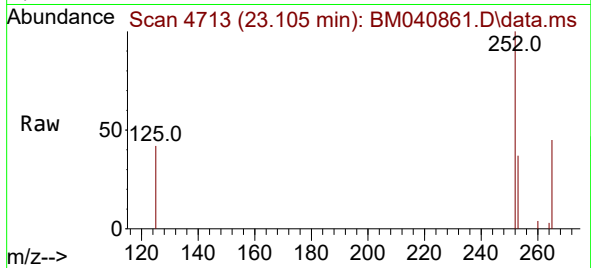




#24
Benzo(b)fluoranthene
Concen: 0.236 ng/ul
RT: 23.105 min Scan# 41
Delta R.T. -0.014 min
Lab File: BM040861.D
Acq: 13 Jul 2023 22:25

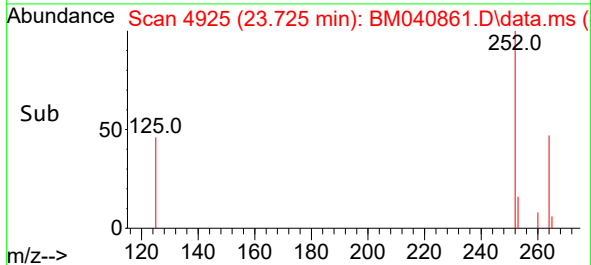
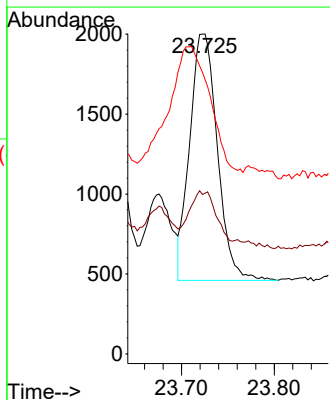
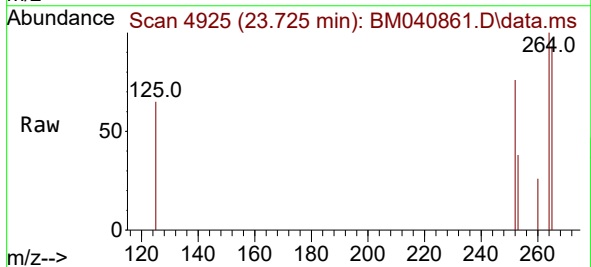
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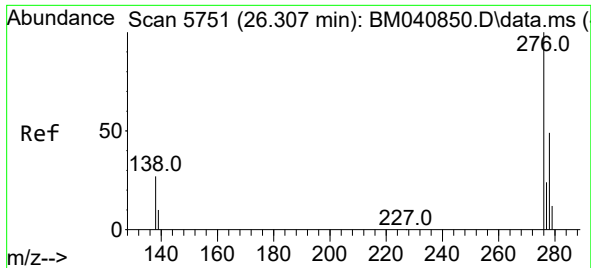
Tgt Ion:252 Resp: 9290
Ion Ratio Lower Upper
252 100
253 36.8 0.0 52.8
125 42.0 0.0 43.0



#26
Benzo(a)pyrene
Concen: 0.090 ng/ul
RT: 23.725 min Scan# 4925
Delta R.T. -0.014 min
Lab File: BM040861.D
Acq: 13 Jul 2023 22:25

Tgt Ion:252 Resp: 3196
Ion Ratio Lower Upper
252 100
253 50.3 22.9 34.3#
125 85.8 21.0 31.4#

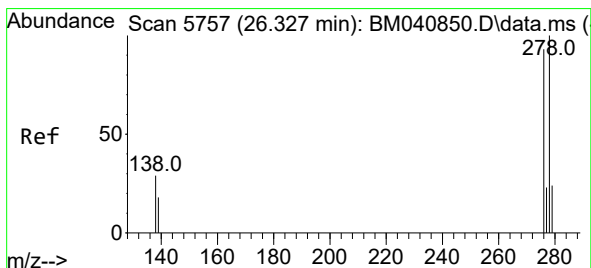
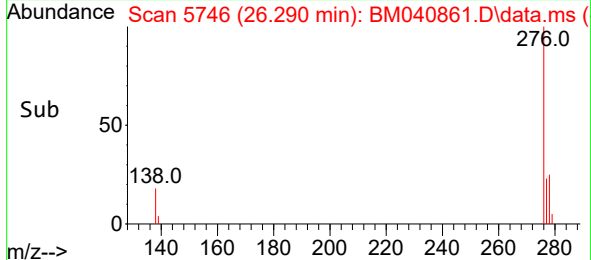
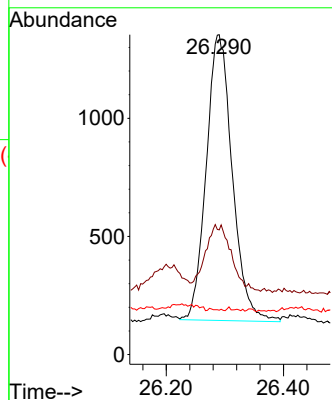
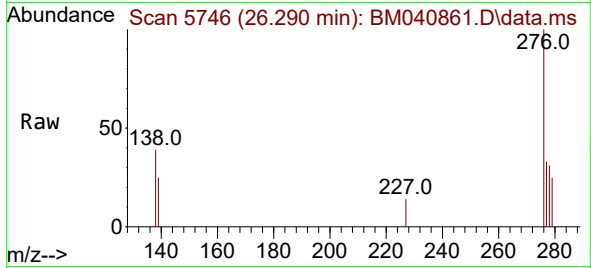




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.075 ng/ul
 RT: 26.290 min Scan# 5746
 Delta R.T. -0.017 min
 Lab File: BM040861.D
 Acq: 13 Jul 2023 22:25

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Tgt Ion:276 Resp: 3729
 Ion Ratio Lower Upper
 276 100
 138 23.6 24.5 36.7#
 227 0.2 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.031 ng/ul
 RT: 26.294 min Scan# 5747
 Delta R.T. -0.033 min
 Lab File: BM040861.D
 Acq: 13 Jul 2023 22:25

Tgt Ion:278 Resp: 1212
 Ion Ratio Lower Upper
 278 100
 139 76.9 17.9 26.9#
 279 78.8 22.0 33.0#

