

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
 Data File : BM041867.D
 Acq On : 14 Sep 2023 15:01
 Operator : MA/JU
 Sample : PB155237BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS237

Quant Time: Sep 15 00:29:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 13 16:15:23 2023
 Response via : Initial Calibration

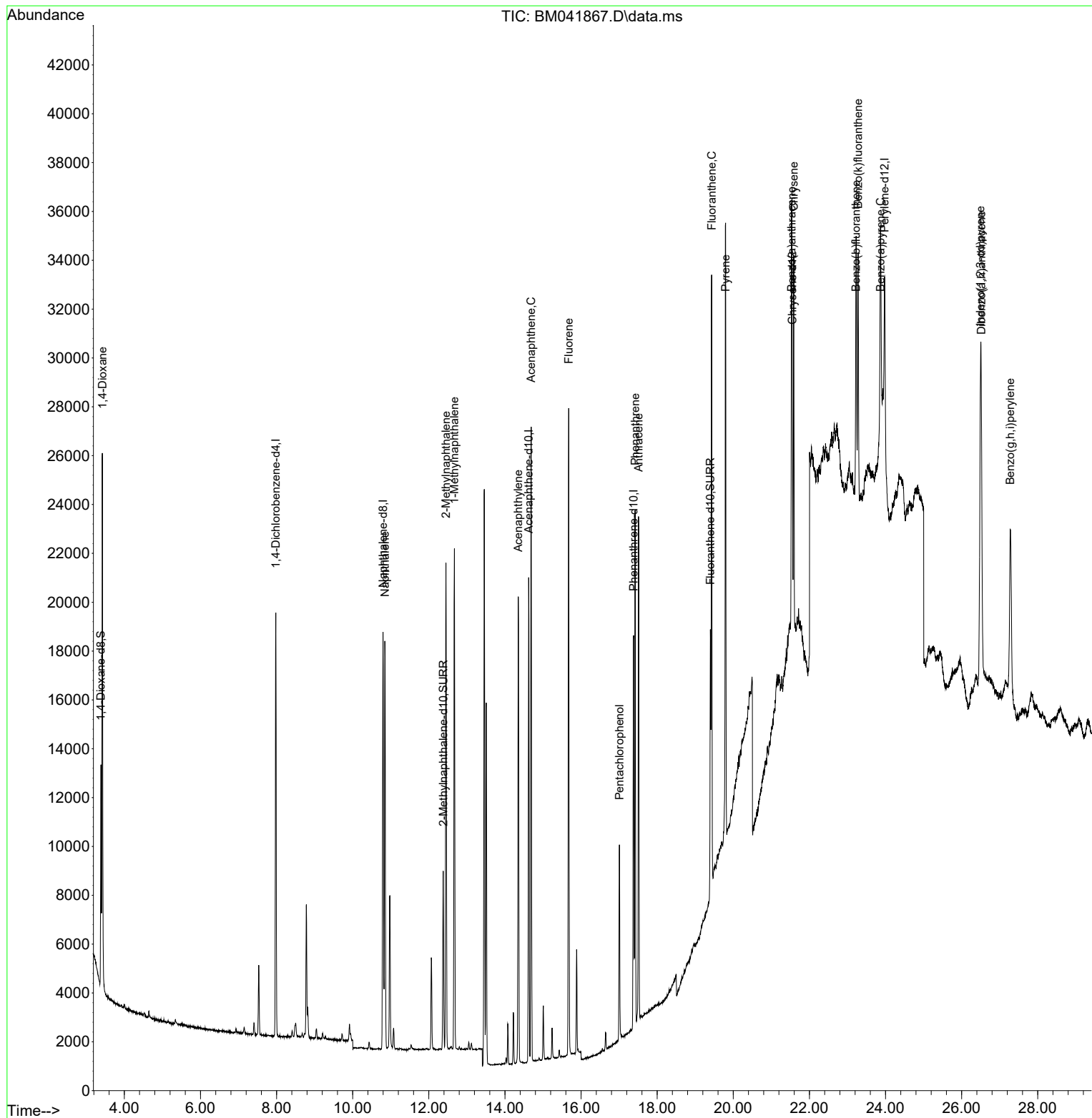
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	8553	0.400	ng/ul	0.00
4) Naphthalene-d8	10.796	136	22006	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.624	164	10165	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	17354	0.400	ng/ul	0.01
17) Chrysene-d12	21.550	240	7172	0.400	ng/ul	# 0.01
23) Perylene-d12	23.977	264	8166	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	5224	0.480	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.379	152	9133	0.305	ng/ul	0.01
18) Fluoranthene-d10	19.399	212	10492	0.427	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.423	88	14189	1.243	ng/ul#	71
5) Naphthalene	10.845	128	22601	0.305	ng/ul	100
7) 2-Methylnaphthalene	12.451	142	13777	0.309	ng/ul	99
8) 1-Methylnaphthalene	12.671	142	13850	0.305	ng/ul	100
10) Acenaphthylene	14.351	152	21470	0.337	ng/ul	100
11) Acenaphthene	14.689	153	14579	0.299	ng/ul	98
12) Fluorene	15.675	166	15873	0.278	ng/ul	99
14) Pentachlorophenol	17.008	266	5151	0.521	ng/ul	99
15) Phenanthrene	17.422	178	21501	0.284	ng/ul	97
16) Anthracene	17.510	178	21442	0.325	ng/ul	97
19) Fluoranthene	19.431	202	21226	0.382	ng/ul	96
20) Pyrene	19.798	202	20969	0.361	ng/ul	97
21) Benzo(a)anthracene	21.533	228	13698	0.289	ng/ul#	58
22) Chrysene	21.588	228	12675	0.262	ng/ul#	57
24) Benzo(b)fluoranthene	23.228	252	14361	0.247	ng/ul#	1
25) Benzo(k)fluoranthene	23.278	252	13385	0.250	ng/ul#	1
26) Benzo(a)pyrene	23.868	252	12425	0.280	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.495	276	18014	0.264	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.515	278	13879	0.276	ng/ul#	13
29) Benzo(g,h,i)perylene	27.280	276	15258	0.265	ng/ul#	52

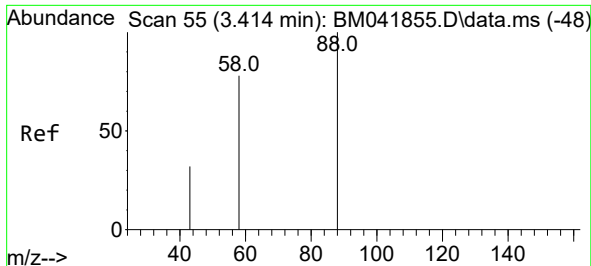
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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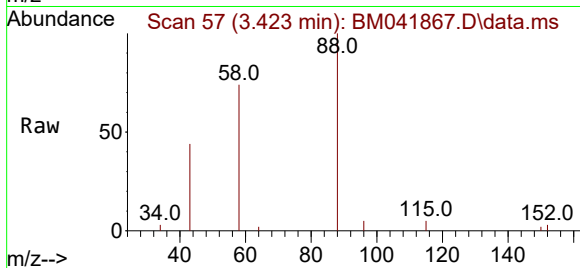
Quant Time: Sep 15 00:29:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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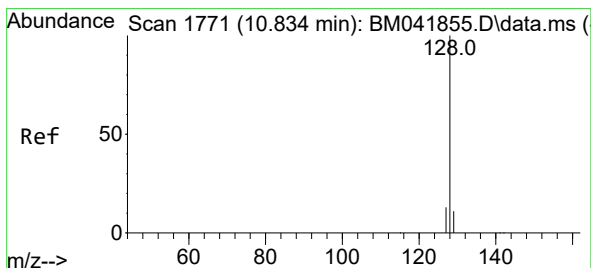
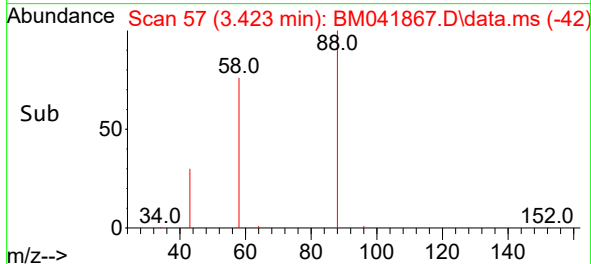
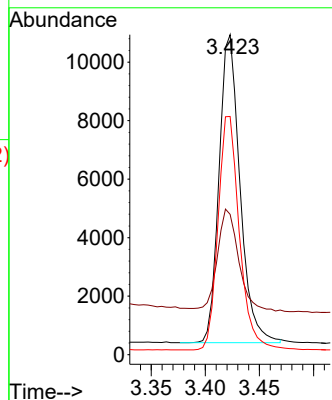


#2
1,4-Dioxane
Concen: 1.243 ng/ul
RT: 3.423 min Scan# 51
Delta R.T. 0.004 min
Lab File: BM041867.D
Acq: 14 Sep 2023 15:01

Instrument :
BNA_M
ClientSampleId :
SLCS237

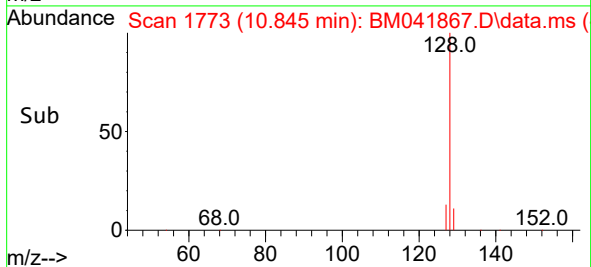
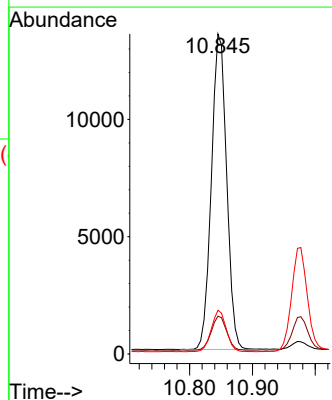
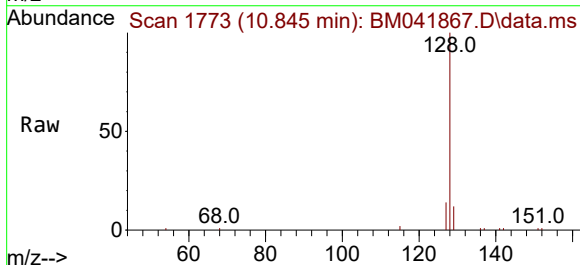


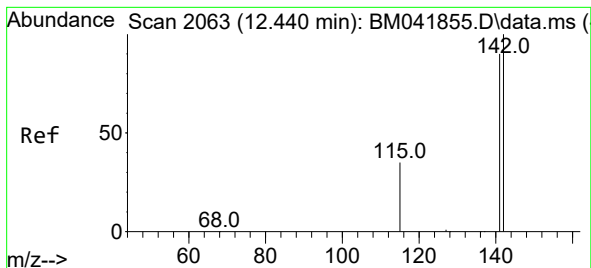
Tgt Ion: 88 Resp: 14189
Ion Ratio Lower Upper
88 100
43 43.9 69.9 104.9#
58 74.5 55.6 83.4



#5
Naphthalene
Concen: 0.305 ng/ul
RT: 10.845 min Scan# 1773
Delta R.T. 0.005 min
Lab File: BM041867.D
Acq: 14 Sep 2023 15:01

Tgt Ion: 128 Resp: 22601
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 13.7 10.7 16.1

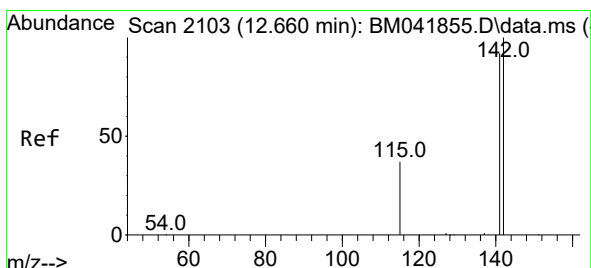
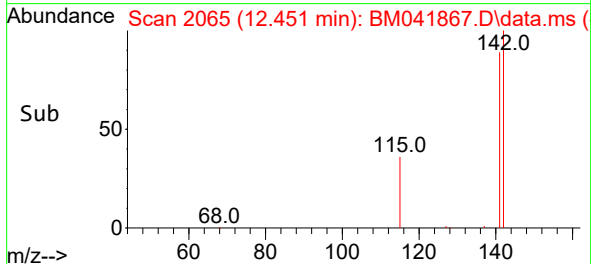
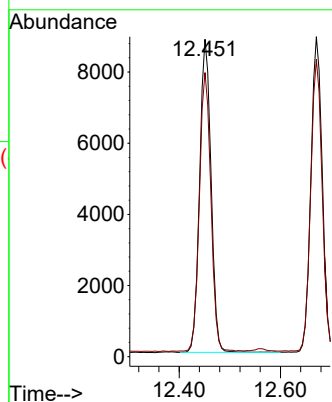
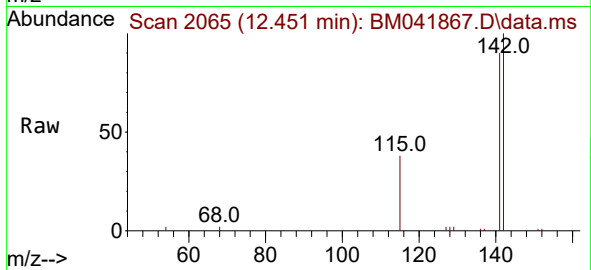




#7
2-Methylnaphthalene
Concen: 0.309 ng/ul
RT: 12.451 min Scan# 2065
Delta R.T. 0.005 min
Lab File: BM041867.D
Acq: 14 Sep 2023 15:01

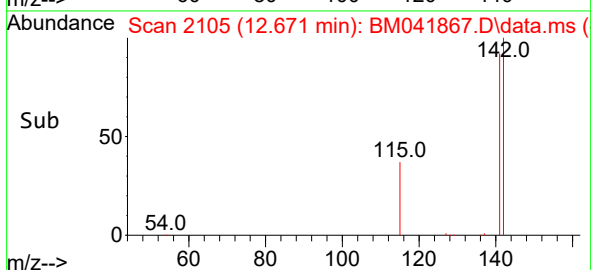
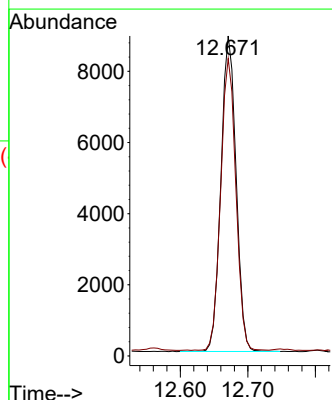
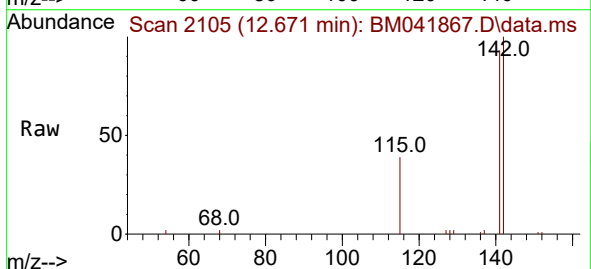
Instrument :
BNA_M
ClientSampleId :
SLCS237

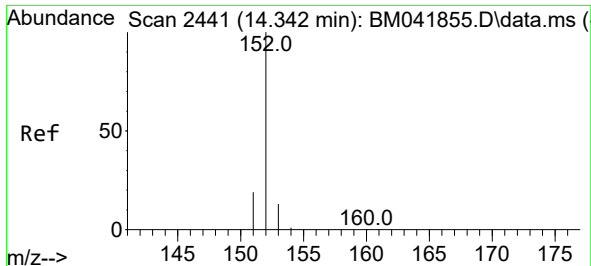
Tgt Ion:142 Resp: 13777
Ion Ratio Lower Upper
142 100
141 89.3 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 12.671 min Scan# 2105
Delta R.T. 0.005 min
Lab File: BM041867.D
Acq: 14 Sep 2023 15:01

Tgt Ion:142 Resp: 13850
Ion Ratio Lower Upper
142 100
141 92.7 74.3 111.5

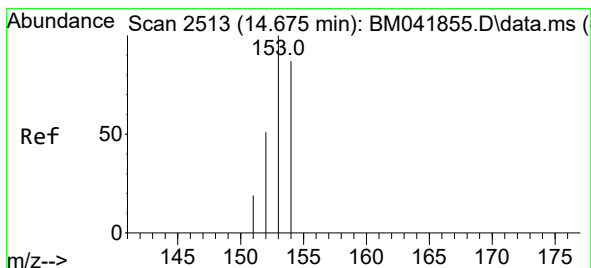
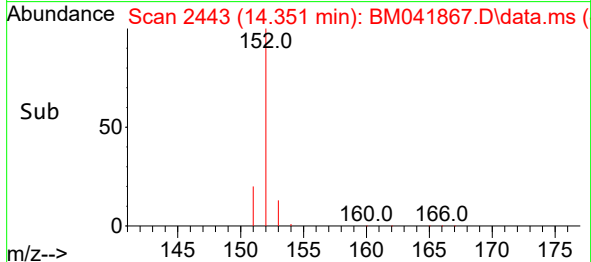
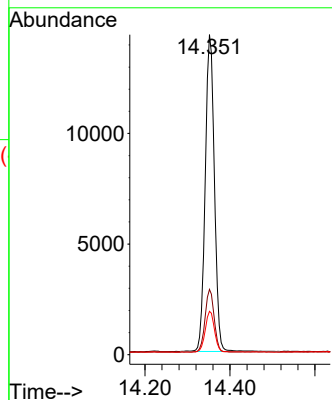
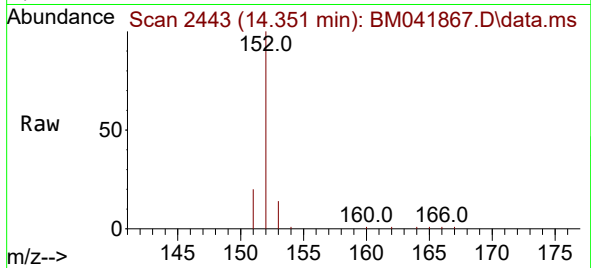




#10
Acenaphthylene
Concen: 0.337 ng/ul
RT: 14.351 min Scan# 2443
Delta R.T. 0.009 min
Lab File: BM041867.D
Acq: 14 Sep 2023 15:01

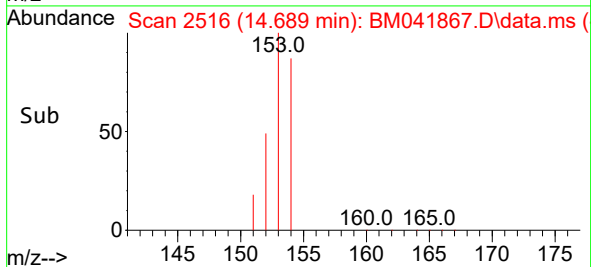
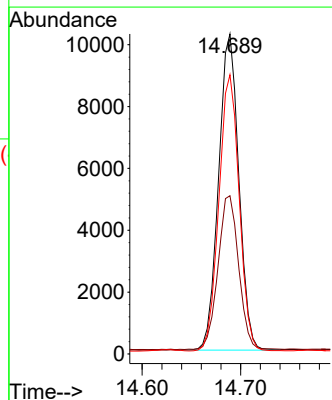
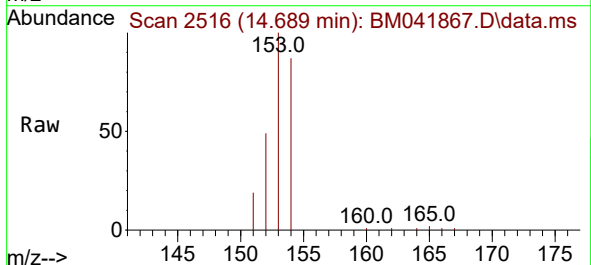
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ClientSampleId :
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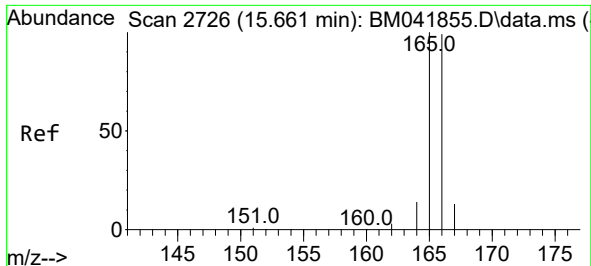
Tgt Ion:152 Resp: 21470
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.5 10.9 16.3



#11
Acenaphthene
Concen: 0.299 ng/ul
RT: 14.689 min Scan# 2516
Delta R.T. 0.009 min
Lab File: BM041867.D
Acq: 14 Sep 2023 15:01

Tgt Ion:153 Resp: 14579
Ion Ratio Lower Upper
153 100
152 49.5 41.5 62.3
154 87.3 70.7 106.1

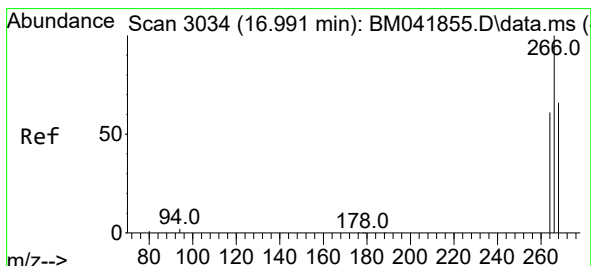
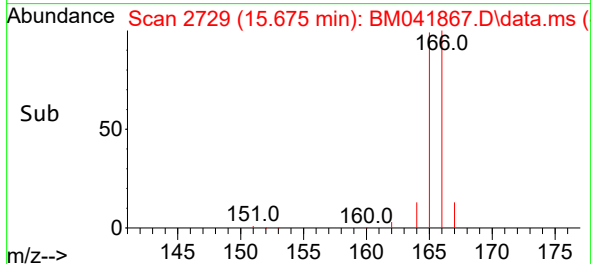
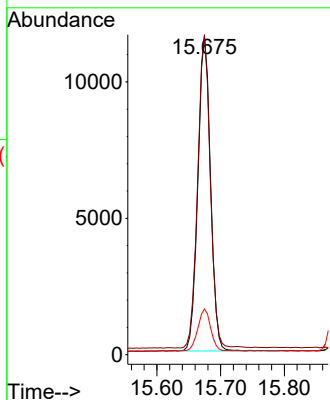
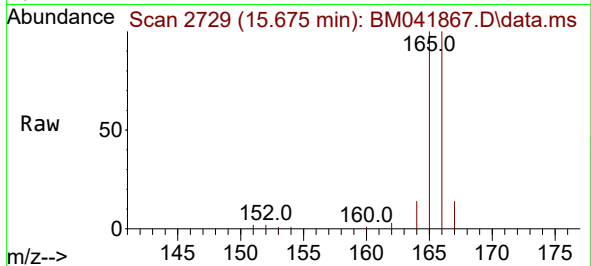




#12
Fluorene
Concen: 0.278 ng/ul
RT: 15.675 min Scan# 21
Delta R.T. 0.009 min
Lab File: BM041867.D
Acq: 14 Sep 2023 15:01

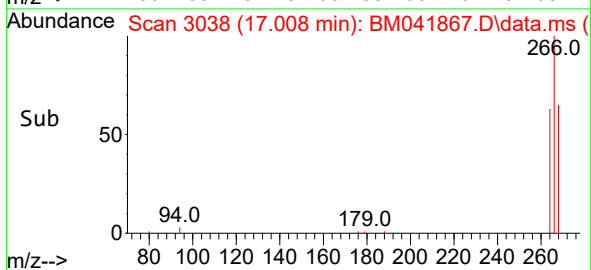
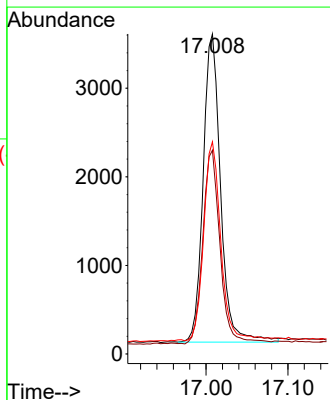
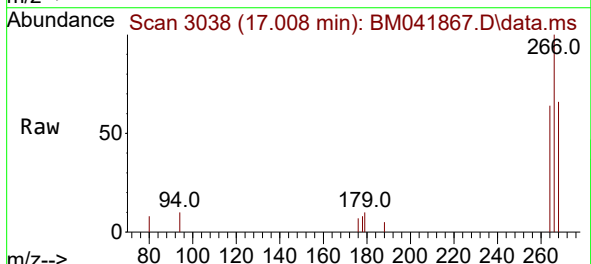
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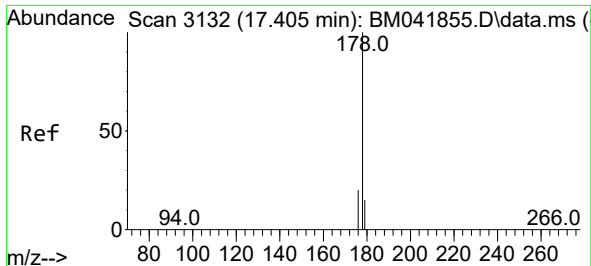
Tgt Ion:166 Resp: 15873
Ion Ratio Lower Upper
166 100
165 100.4 79.3 118.9
167 14.3 11.2 16.8



#14
Pentachlorophenol
Concen: 0.521 ng/ul
RT: 17.008 min Scan# 3038
Delta R.T. 0.017 min
Lab File: BM041867.D
Acq: 14 Sep 2023 15:01

Tgt Ion:266 Resp: 5151
Ion Ratio Lower Upper
266 100
264 61.9 49.4 74.2
268 64.3 50.3 75.5

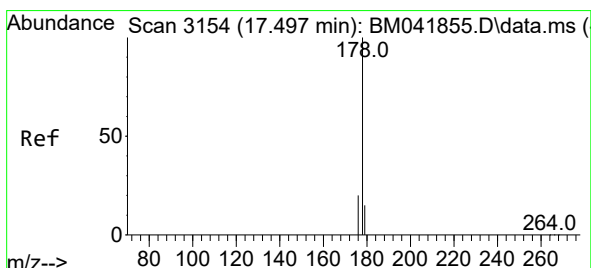
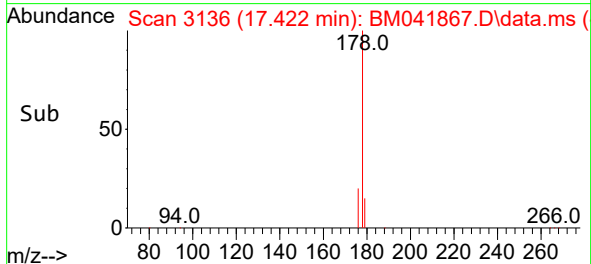
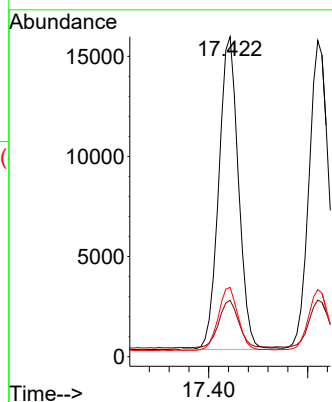
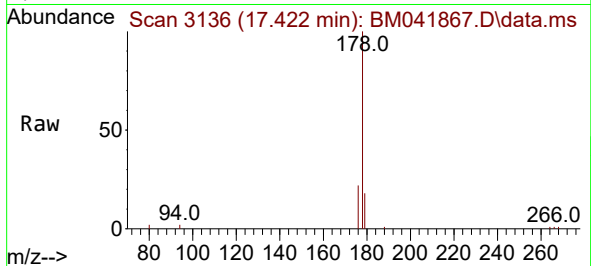




#15
Phenanthrene
Concen: 0.284 ng/ul
RT: 17.422 min Scan# 3136
Delta R.T. 0.013 min
Lab File: BM041867.D
Acq: 14 Sep 2023 15:01

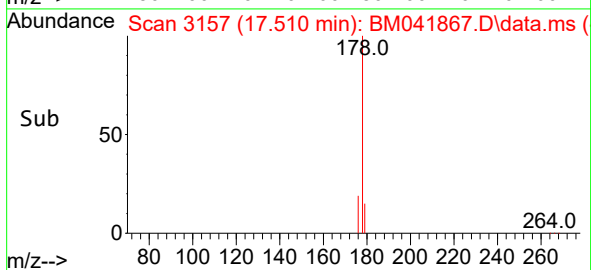
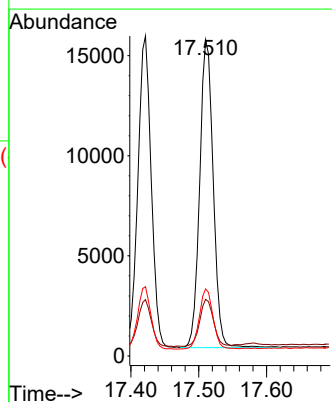
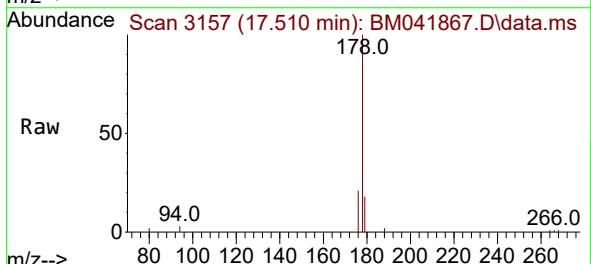
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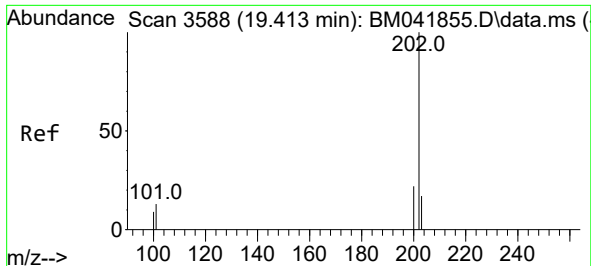
Tgt Ion:178 Resp: 21501
Ion Ratio Lower Upper
178 100
179 17.6 12.6 19.0
176 21.7 16.6 25.0



#16
Anthracene
Concen: 0.325 ng/ul
RT: 17.510 min Scan# 3157
Delta R.T. 0.008 min
Lab File: BM041867.D
Acq: 14 Sep 2023 15:01

Tgt Ion:178 Resp: 21442
Ion Ratio Lower Upper
178 100
179 17.9 12.7 19.1
176 21.2 16.1 24.1

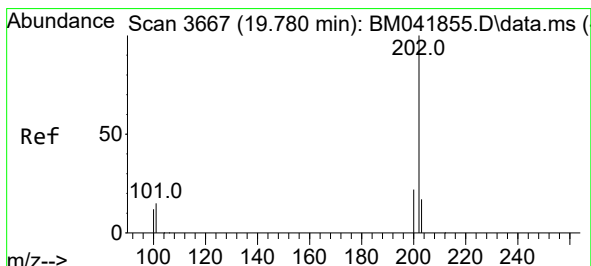
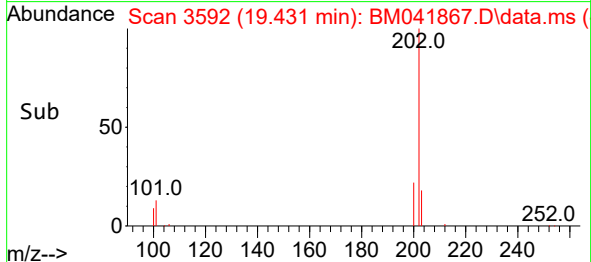
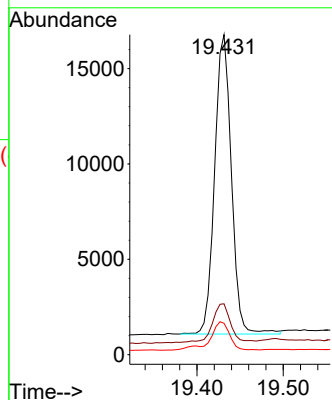
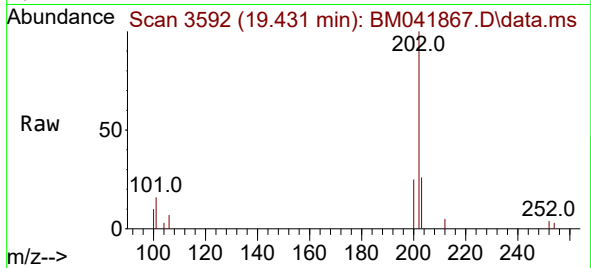




#19
Fluoranthene
Concen: 0.382 ng/ul
RT: 19.431 min Scan# 3592
Delta R.T. 0.014 min
Lab File: BM041867.D
Acq: 14 Sep 2023 15:01

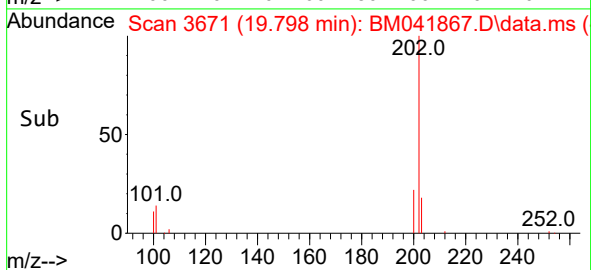
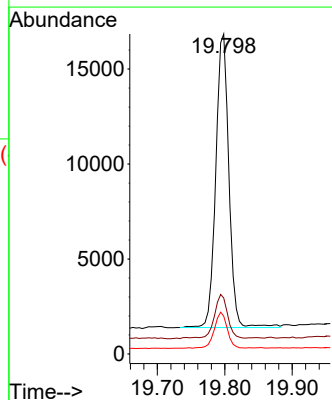
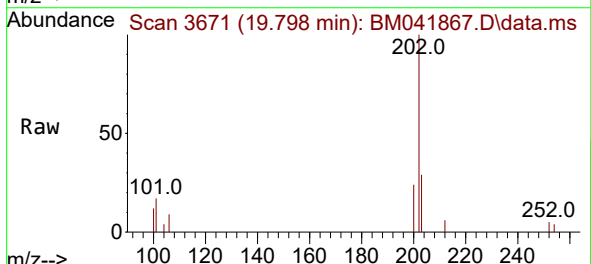
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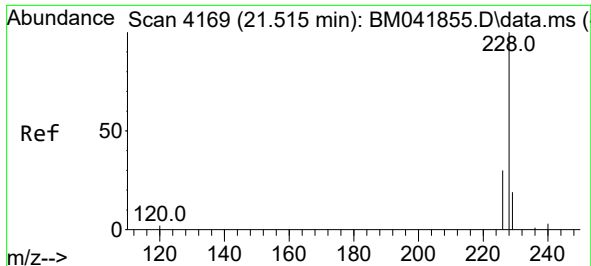
Tgt Ion:	202	Resp:	21226
Ion Ratio	Lower	Upper	
202	100		
101	15.9	11.0	16.6
100	9.8	8.2	12.4



#20
Pyrene
Concen: 0.361 ng/ul
RT: 19.798 min Scan# 3671
Delta R.T. 0.014 min
Lab File: BM041867.D
Acq: 14 Sep 2023 15:01

Tgt Ion:	202	Resp:	20969
Ion Ratio	Lower	Upper	
202	100		
101	17.5	12.6	19.0
100	11.8	9.9	14.9

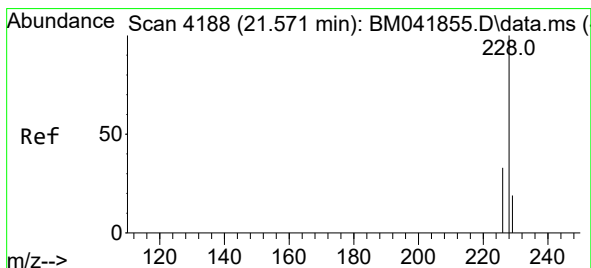
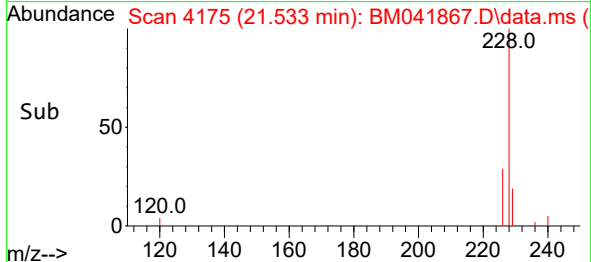
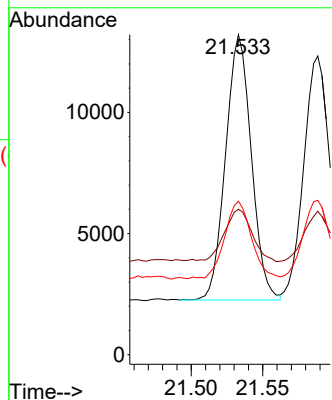
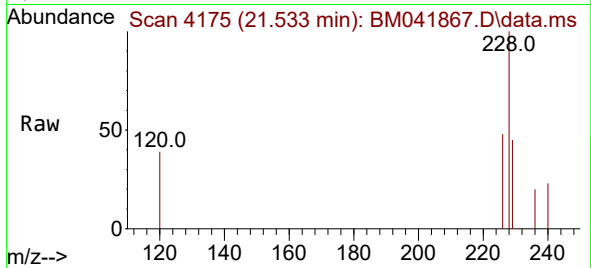




#21
Benzo(a)anthracene
Concen: 0.289 ng/ul
RT: 21.533 min Scan# 41194
Delta R.T. 0.012 min
Lab File: BM041867.D
Acq: 14 Sep 2023 15:01

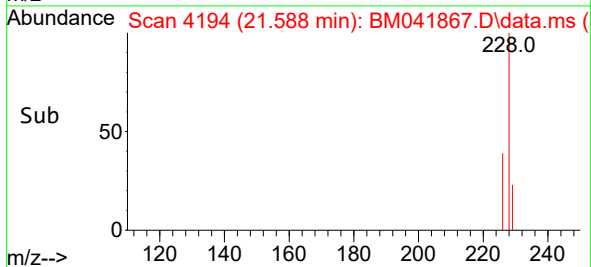
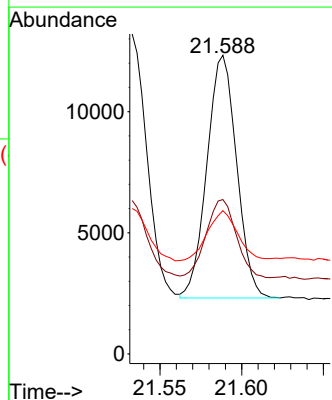
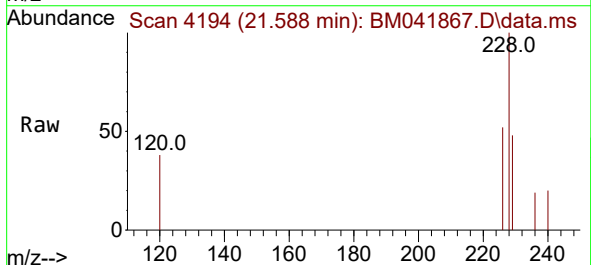
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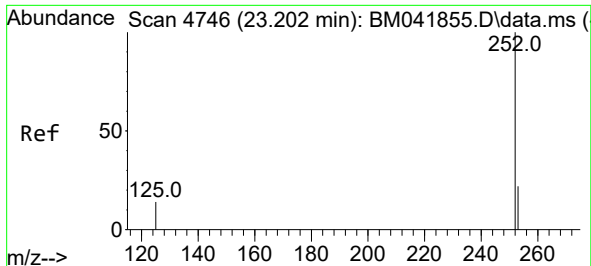
Tgt Ion:228 Resp: 13698
Ion Ratio Lower Upper
228 100
229 45.5 15.8 23.8#
226 48.0 24.3 36.5#



#22
Chrysene
Concen: 0.262 ng/ul
RT: 21.588 min Scan# 4194
Delta R.T. 0.012 min
Lab File: BM041867.D
Acq: 14 Sep 2023 15:01

Tgt Ion:228 Resp: 12675
Ion Ratio Lower Upper
228 100
226 51.7 27.0 40.4#
229 48.0 15.7 23.5#

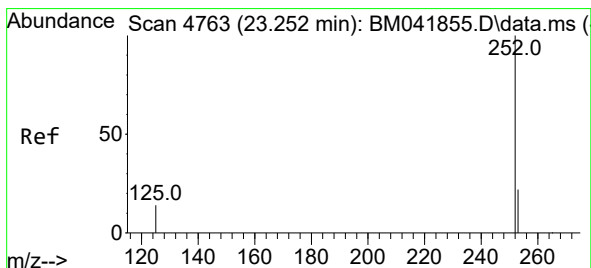
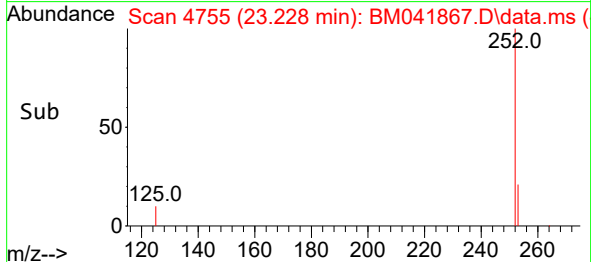
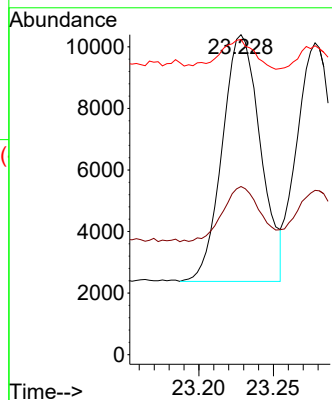
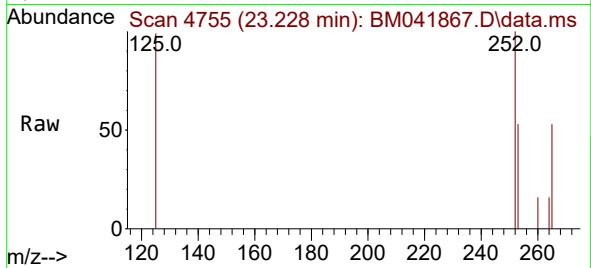




#24
Benzo(b)fluoranthene
Concen: 0.247 ng/ul
RT: 23.228 min Scan# 4755
Delta R.T. 0.020 min
Lab File: BM041867.D
Acq: 14 Sep 2023 15:01

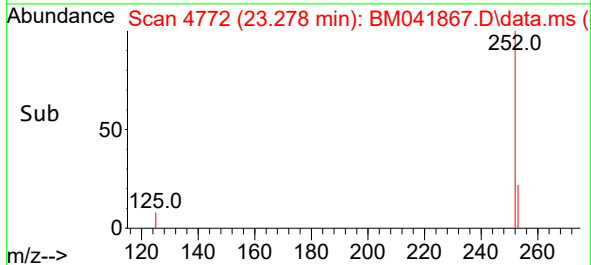
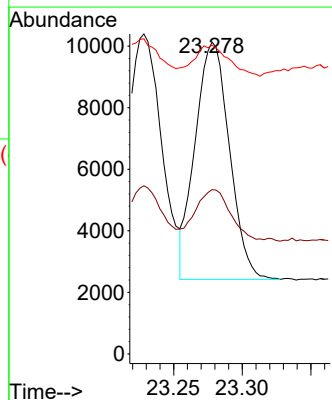
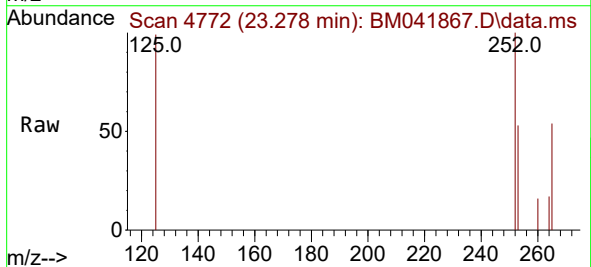
Instrument :
BNA_M
ClientSampleId :
SLCS237

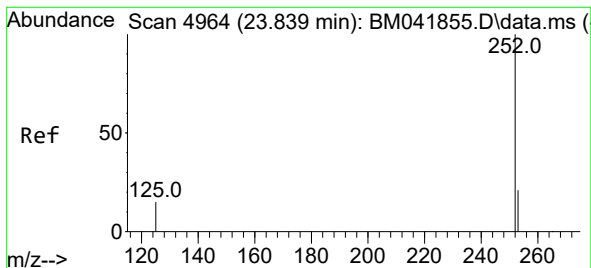
Tgt Ion:252 Resp: 14361
Ion Ratio Lower Upper
252 100
253 52.5 0.0 51.0#
125 98.5 0.0 39.8#



#25
Benzo(k)fluoranthene
Concen: 0.250 ng/ul
RT: 23.278 min Scan# 4772
Delta R.T. 0.018 min
Lab File: BM041867.D
Acq: 14 Sep 2023 15:01

Tgt Ion:252 Resp: 13385
Ion Ratio Lower Upper
252 100
253 52.7 20.2 30.2#
125 99.1 15.8 23.8#





#26

Benzo(a)pyrene

Concen: 0.280 ng/ul

RT: 23.868 min Scan# 4964

Delta R.T. 0.023 min

Lab File: BM041867.D

Acq: 14 Sep 2023 15:01

Instrument :

BNA_M

ClientSampleId :

SLCS237

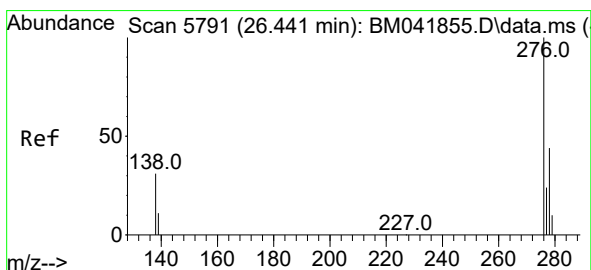
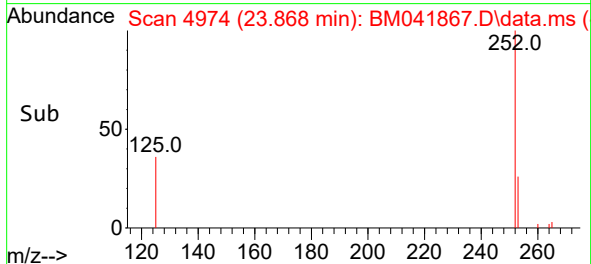
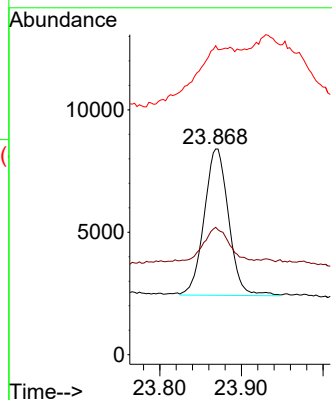
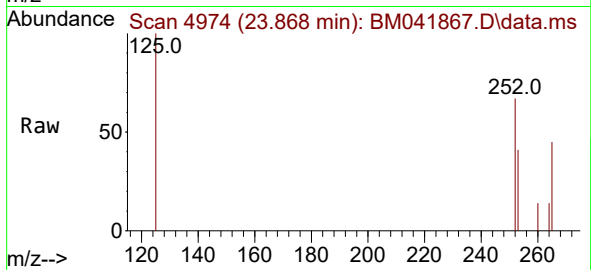
Tgt Ion:252 Resp: 12425

Ion Ratio Lower Upper

252 100

253 61.9 21.8 32.8#

125 150.2 18.8 28.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.264 ng/ul

RT: 26.495 min Scan# 5807

Delta R.T. 0.040 min

Lab File: BM041867.D

Acq: 14 Sep 2023 15:01

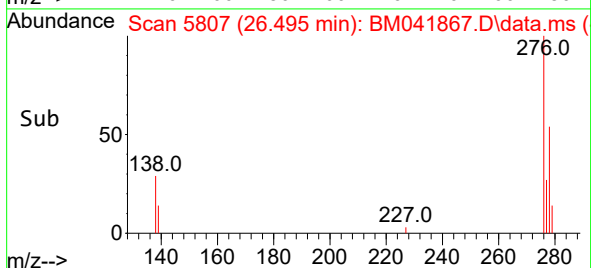
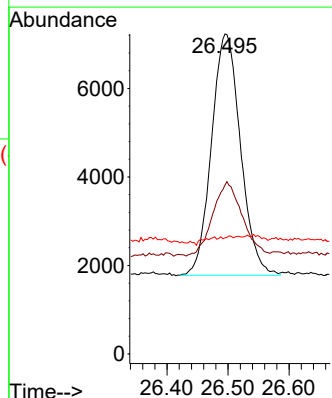
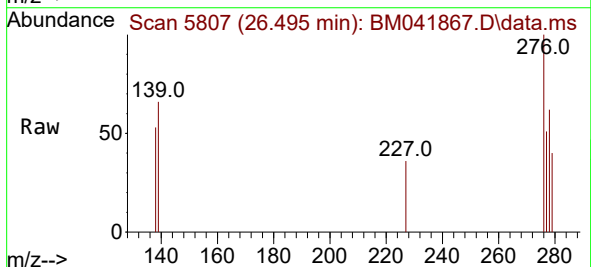
Tgt Ion:276 Resp: 18014

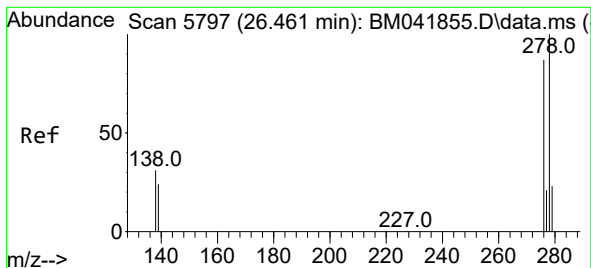
Ion Ratio Lower Upper

276 100

138 31.2 27.7 41.5

227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.276 ng/ul

RT: 26.515 min Scan# 51

Delta R.T. 0.040 min

Lab File: BM041867.D

Acq: 14 Sep 2023 15:01

Instrument :

BNA_M

ClientSampleId :

SLCS237

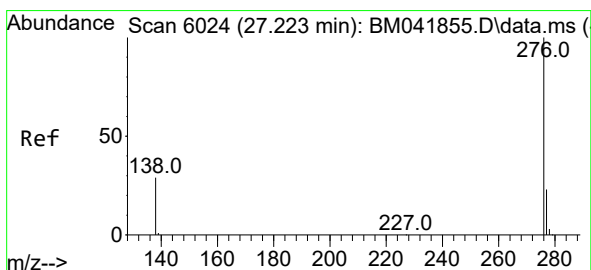
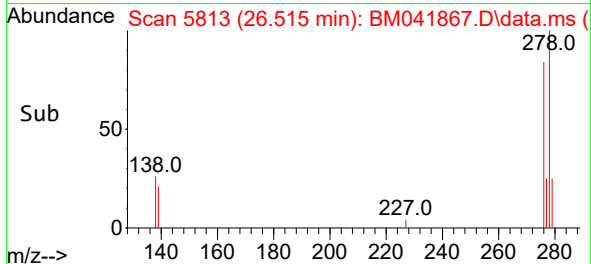
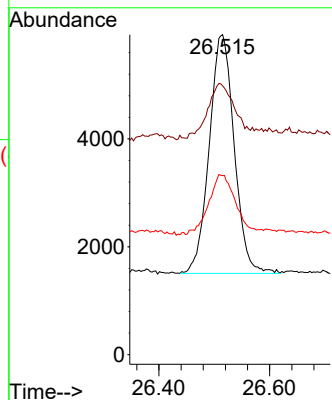
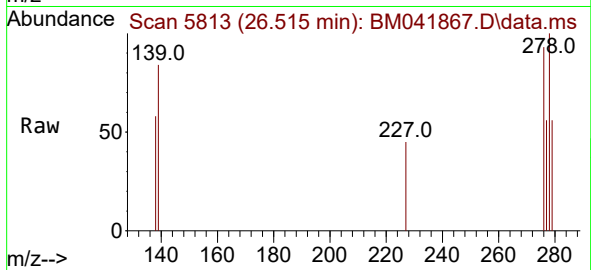
Tgt Ion:278 Resp: 13879

Ion Ratio Lower Upper

278 100

139 84.0 20.9 31.3#

279 56.0 20.3 30.5#



#29

Benzo(g,h,i)perylene

Concen: 0.265 ng/ul

RT: 27.280 min Scan# 6041

Delta R.T. 0.044 min

Lab File: BM041867.D

Acq: 14 Sep 2023 15:01

Tgt Ion:276 Resp: 15258

Ion Ratio Lower Upper

276 100

138 53.6 24.7 37.1#

277 51.7 19.3 28.9#

