

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040476.D
 Acq On : 30 Jun 2023 17:44
 Operator : MA/JU
 Sample : PB153575BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS575

Quant Time: Jul 01 03:04:13 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 : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

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

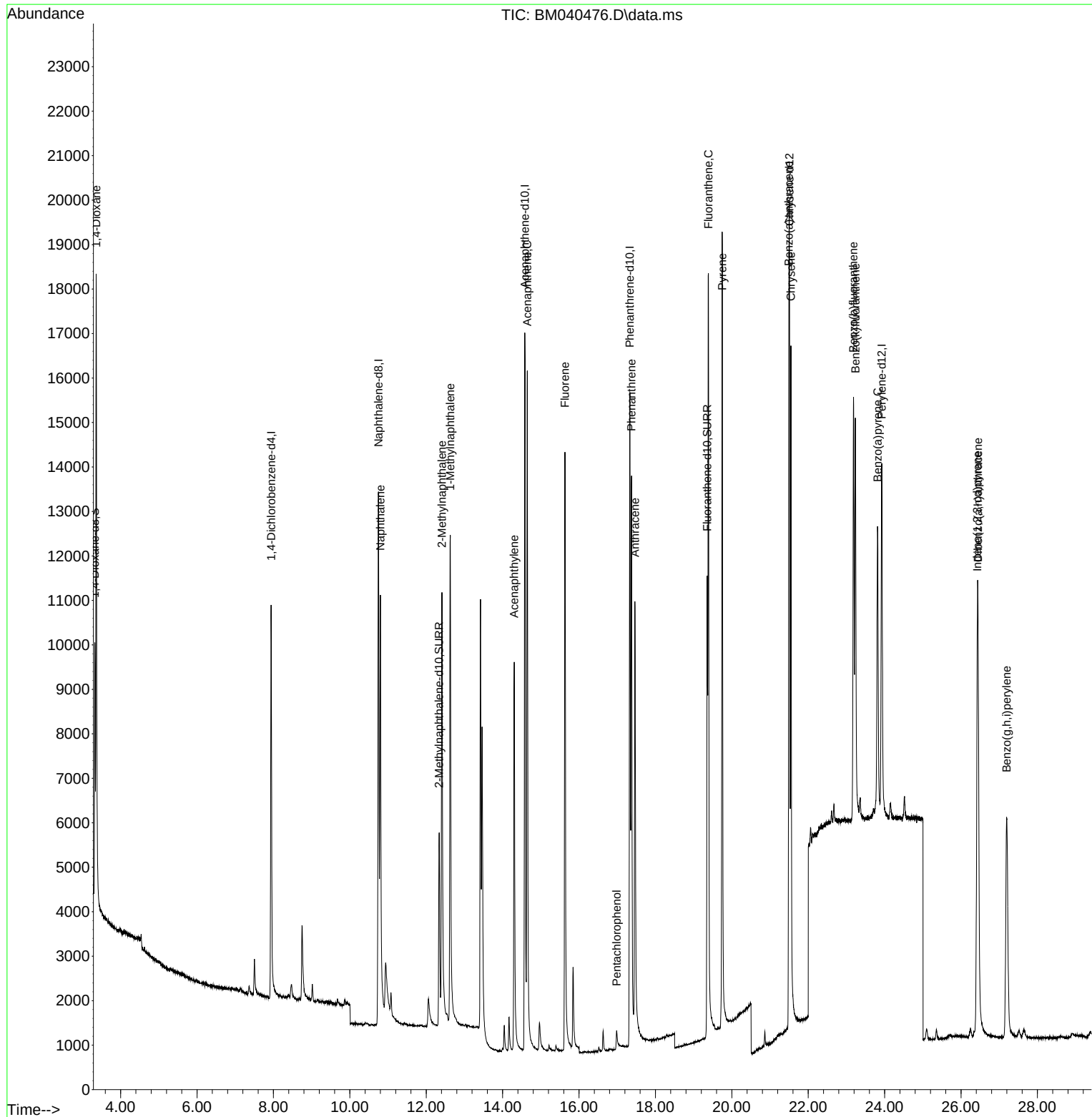
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	5310	0.400	ng/ul	0.00
4) Naphthalene-d8	10.749	136	20633	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.580	164	10562	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.331	188	20488	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	13956	0.400	ng/ul	0.00
23) Perylene-d12	23.924	264	12547	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	3622	0.434	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	7894	0.273	ng/ul	0.00
18) Fluoranthene-d10	19.355	212	12793	0.286	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.363	88	9897	1.166	ng/ul	90
5) Naphthalene	10.799	128	15397	0.271	ng/ul	98
7) 2-Methylnaphthalene	12.410	142	9154	0.274	ng/ul	99
8) 1-Methylnaphthalene	12.630	142	9156	0.274	ng/ul	99
10) Acenaphthylene	14.303	152	12678	0.269	ng/ul	99
11) Acenaphthene	14.645	153	10201	0.256	ng/ul	99
12) Fluorene	15.630	166	10911	0.257	ng/ul	100
14) Pentachlorophenol	16.985	266	581	0.147	ng/ul	92
15) Phenanthrene	17.373	178	15984	0.251	ng/ul	99
16) Anthracene	17.462	178	13944	0.261	ng/ul	98
19) Fluoranthene	19.387	202	16792	0.283	ng/ul	97
20) Pyrene	19.750	202	17920	0.282	ng/ul	99
21) Benzo(a)anthracene	21.492	228	13987	0.296	ng/ul	99
22) Chrysene	21.547	228	14446	0.268	ng/ul	99
24) Benzo(b)fluoranthene	23.184	252	13330	0.275	ng/ul	91
25) Benzo(k)fluoranthene	23.234	252	13137	0.275	ng/ul#	90
26) Benzo(a)pyrene	23.815	252	11454	0.262	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.427	276	14919	0.245	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.444	278	11894	0.249	ng/ul	94
29) Benzo(g,h,i)perylene	27.192	276	12553	0.235	ng/ul	98

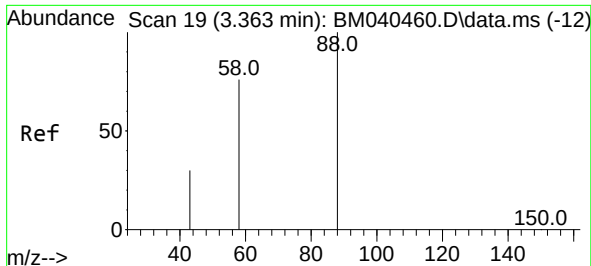
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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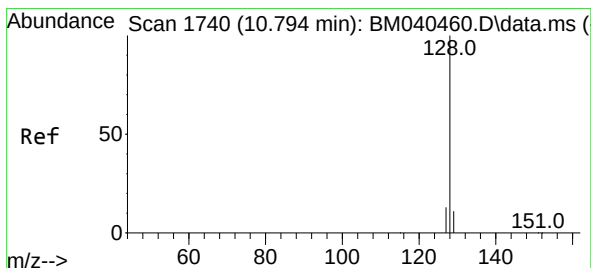
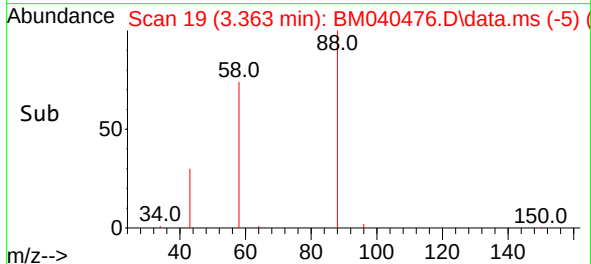
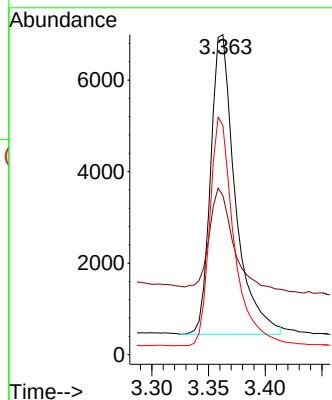
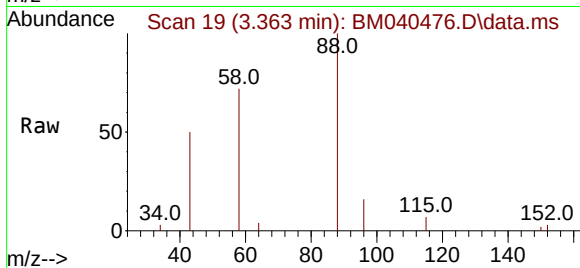




#2
1,4-Dioxane
Concen: 1.166 ng/ul
RT: 3.363 min Scan# 19
Delta R.T. -0.000 min
Lab File: BM040476.D
Acq: 30 Jun 2023 17:44

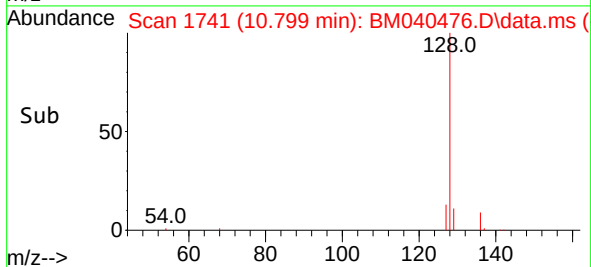
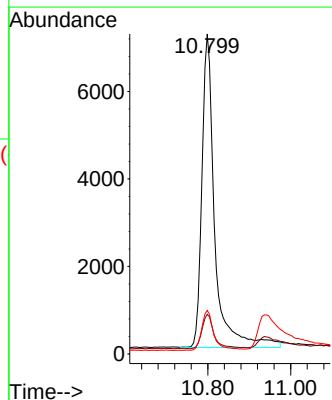
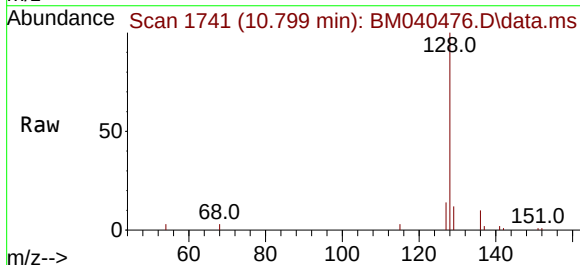
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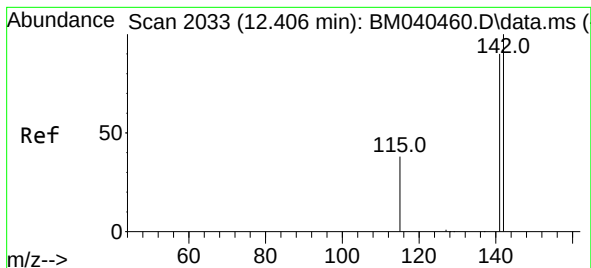
Tgt Ion: 88 Resp: 9897
Ion Ratio Lower Upper
88 100
43 49.7 36.1 54.1
58 71.6 49.8 74.8



#5
Naphthalene
Concen: 0.271 ng/ul
RT: 10.799 min Scan# 1741
Delta R.T. 0.004 min
Lab File: BM040476.D
Acq: 30 Jun 2023 17:44

Tgt Ion: 128 Resp: 15397
Ion Ratio Lower Upper
128 100
129 12.4 9.2 13.8
127 13.6 10.6 15.8





#7

2-Methylnaphthalene

Concen: 0.274 ng/ul

RT: 12.410 min Scan# 2033

Delta R.T. 0.004 min

Lab File: BM040476.D

Acq: 30 Jun 2023 17:44

Instrument :

BNA_M

ClientSampleId :

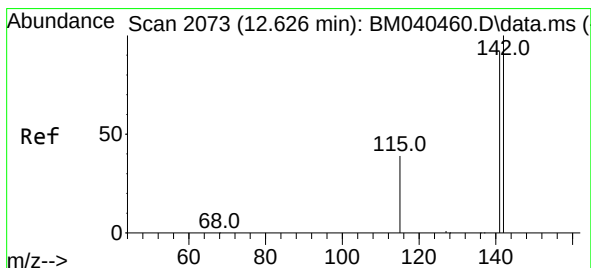
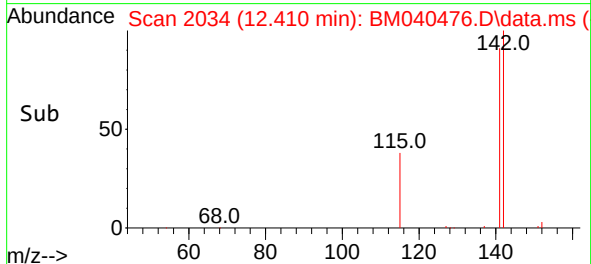
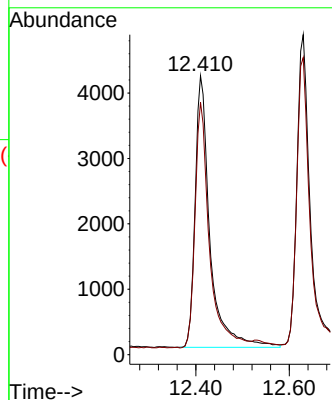
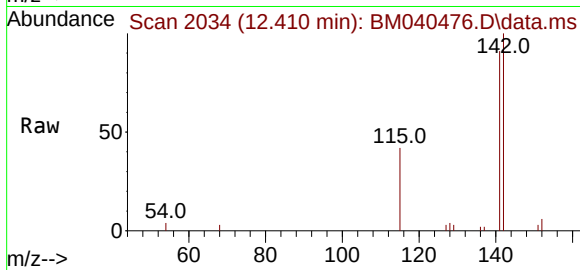
SLCS575

Tgt Ion:142 Resp: 9154

Ion Ratio Lower Upper

142 100

141 90.8 71.9 107.9



#8

1-Methylnaphthalene

Concen: 0.274 ng/ul

RT: 12.630 min Scan# 2074

Delta R.T. 0.004 min

Lab File: BM040476.D

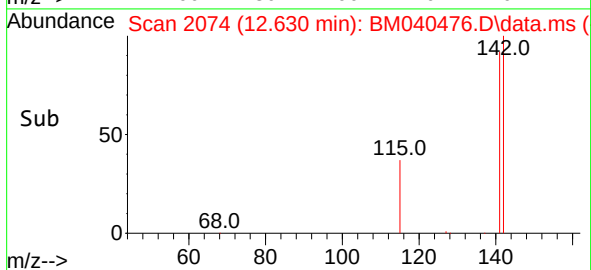
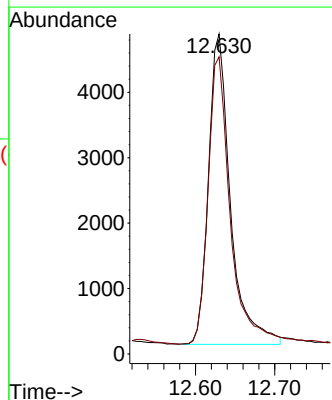
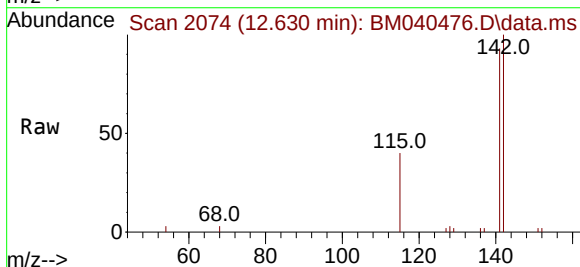
Acq: 30 Jun 2023 17:44

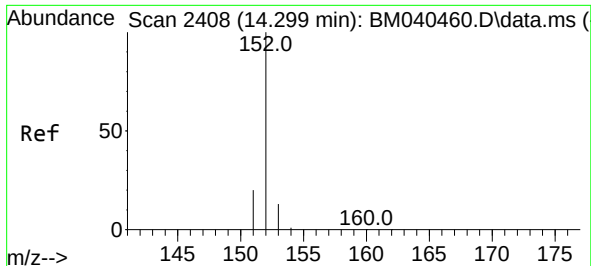
Tgt Ion:142 Resp: 9156

Ion Ratio Lower Upper

142 100

141 92.8 73.7 110.5

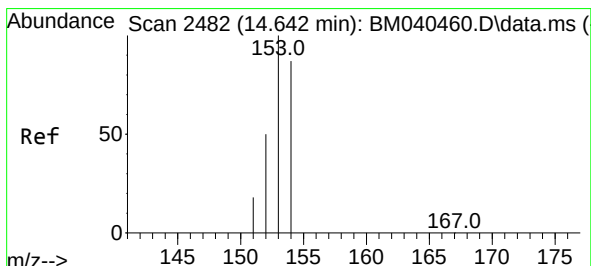
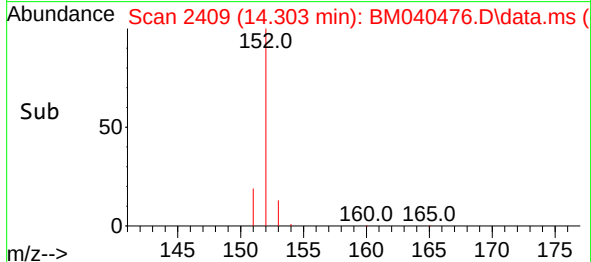
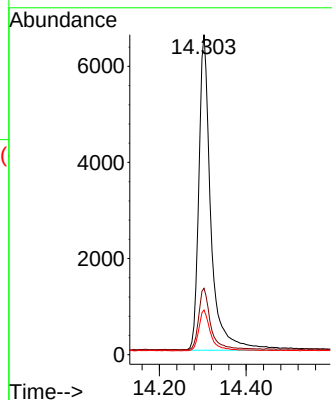
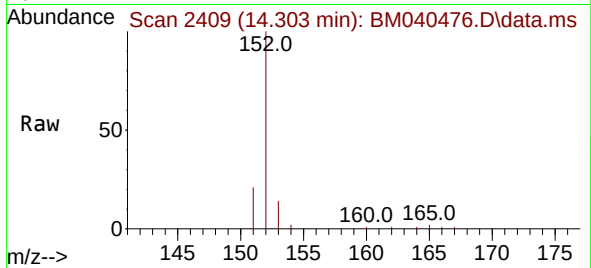




#10
Acenaphthylene
Concen: 0.269 ng/ul
RT: 14.303 min Scan# 2409
Delta R.T. 0.003 min
Lab File: BM040476.D
Acq: 30 Jun 2023 17:44

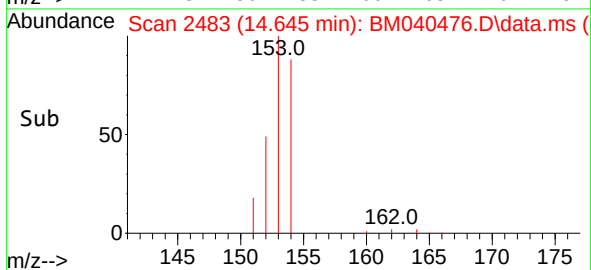
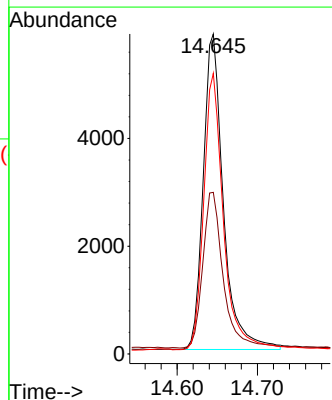
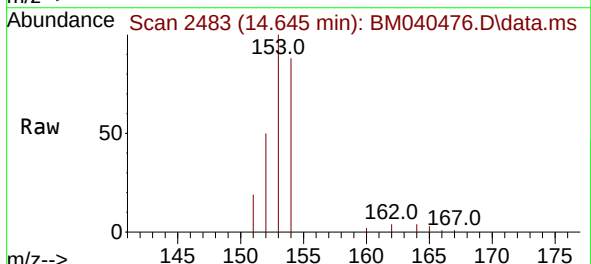
Instrument :
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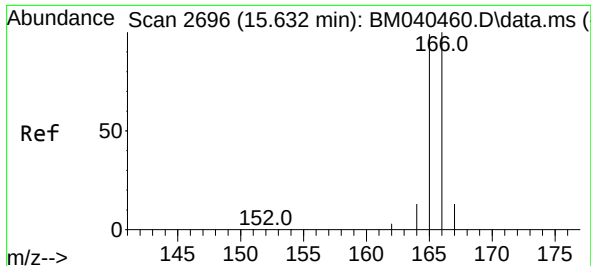
Tgt Ion:152 Resp: 12678
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.2
153 14.0 10.9 16.3



#11
Acenaphthene
Concen: 0.256 ng/ul
RT: 14.645 min Scan# 2483
Delta R.T. 0.003 min
Lab File: BM040476.D
Acq: 30 Jun 2023 17:44

Tgt Ion:153 Resp: 10201
Ion Ratio Lower Upper
153 100
152 50.5 41.0 61.4
154 87.7 70.8 106.2

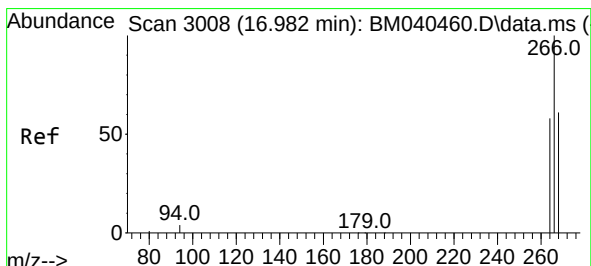
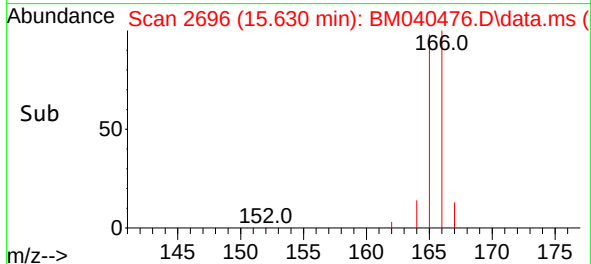
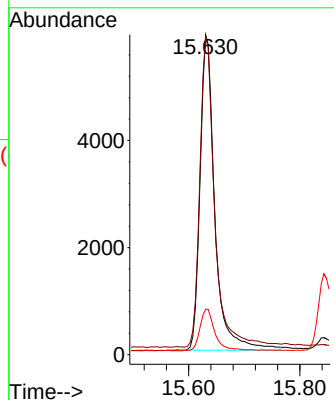
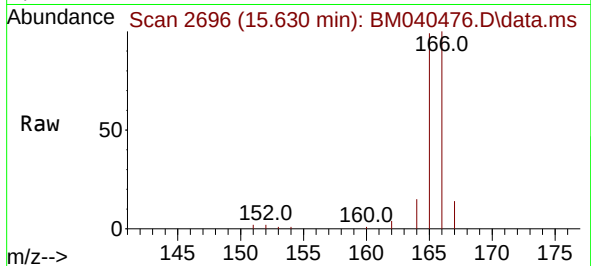




#12
 Fluorene
 Concen: 0.257 ng/ul
 RT: 15.630 min Scan# 20911
 Delta R.T. -0.001 min
 Lab File: BM040476.D
 Acq: 30 Jun 2023 17:44

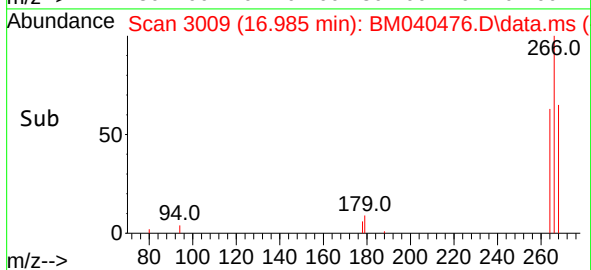
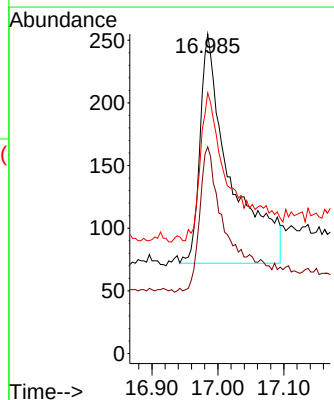
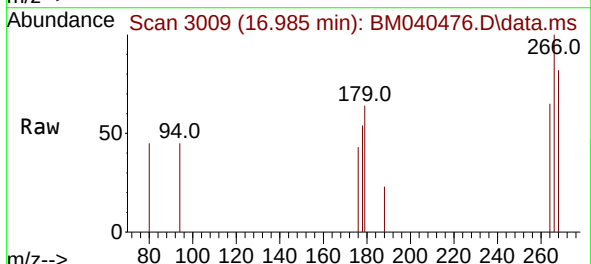
Instrument :
 BNA_M
 ClientSampleId :
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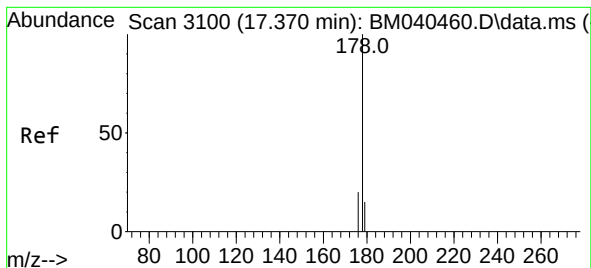
Tgt Ion:	166	Resp:	10911
Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.6	119.4
167	14.2	11.4	17.0



#14
 Pentachlorophenol
 Concen: 0.147 ng/ul
 RT: 16.985 min Scan# 3009
 Delta R.T. 0.003 min
 Lab File: BM040476.D
 Acq: 30 Jun 2023 17:44

Tgt Ion:	266	Resp:	581
Ion	Ratio	Lower	Upper
266	100		
264	62.5	45.4	68.0
268	65.6	47.2	70.8





#15

Phenanthrene

Concen: 0.251 ng/ul

RT: 17.373 min Scan# 3100

Delta R.T. 0.003 min

Lab File: BM040476.D

Acq: 30 Jun 2023 17:44

Instrument :

BNA_M

ClientSampleId :

SLCS575

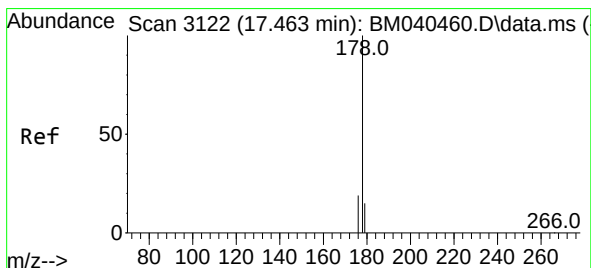
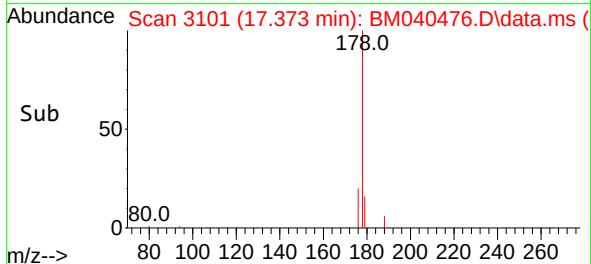
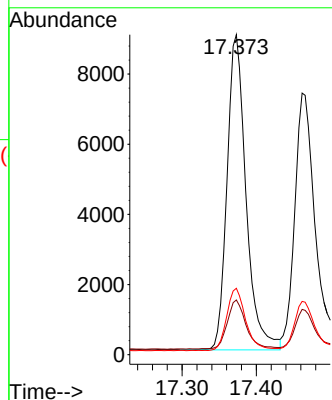
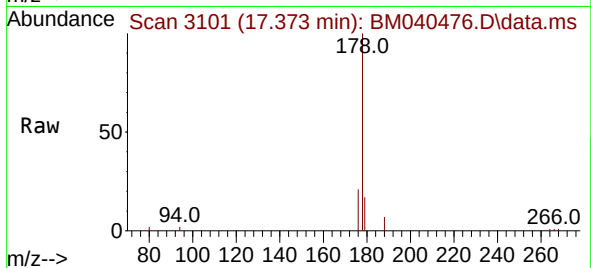
Tgt Ion:178 Resp: 15984

Ion Ratio Lower Upper

178 100

179 17.1 12.8 19.2

176 20.8 16.4 24.6



#16

Anthracene

Concen: 0.261 ng/ul

RT: 17.462 min Scan# 3122

Delta R.T. -0.001 min

Lab File: BM040476.D

Acq: 30 Jun 2023 17:44

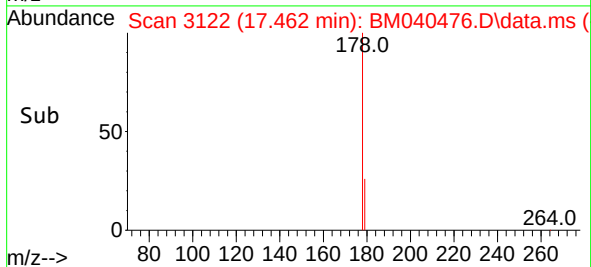
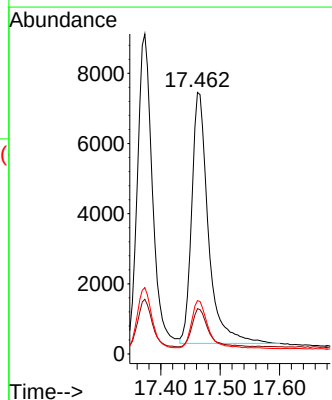
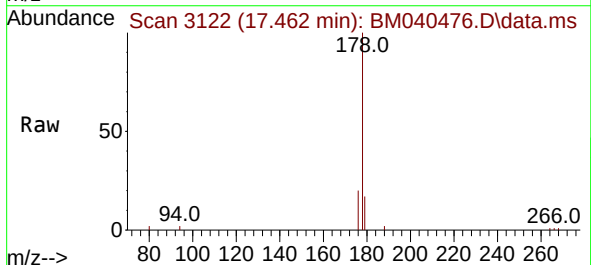
Tgt Ion:178 Resp: 13944

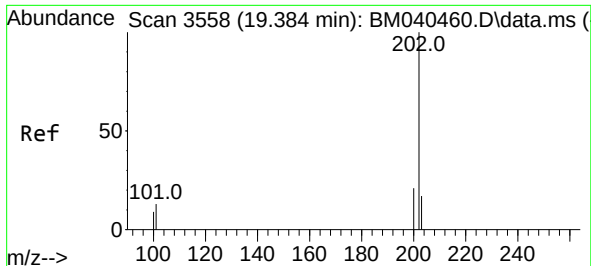
Ion Ratio Lower Upper

178 100

179 17.3 12.9 19.3

176 20.3 15.8 23.6

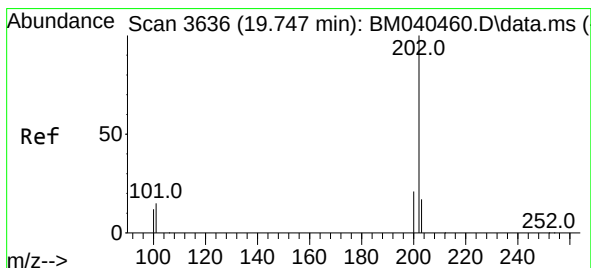
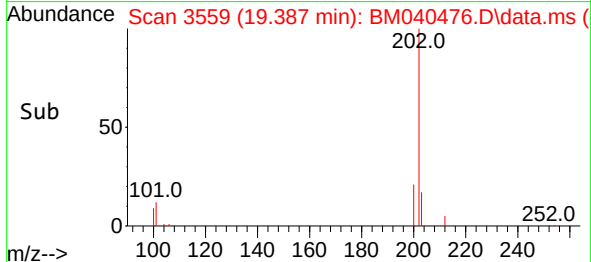
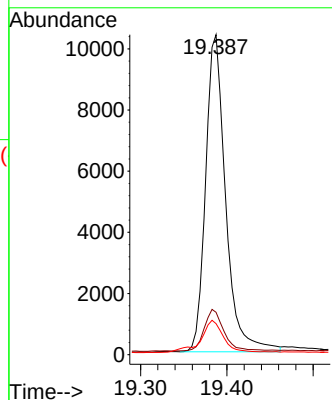
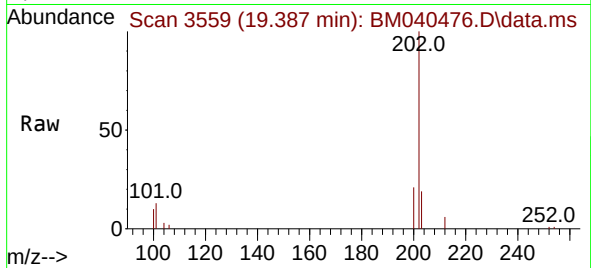




#19
Fluoranthene
Concen: 0.283 ng/ul
RT: 19.387 min Scan# 31
Delta R.T. 0.003 min
Lab File: BM040476.D
Acq: 30 Jun 2023 17:44

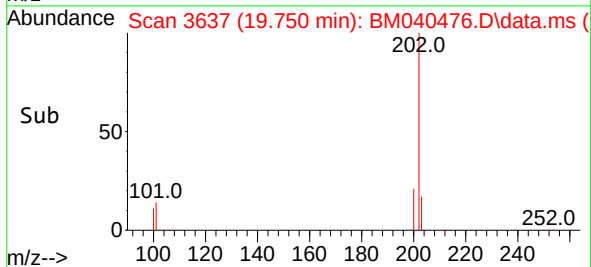
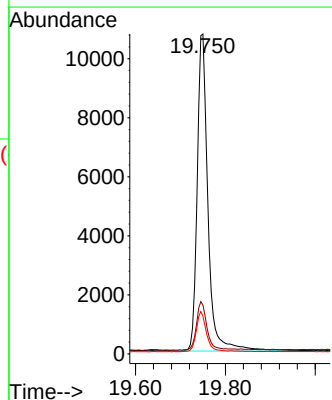
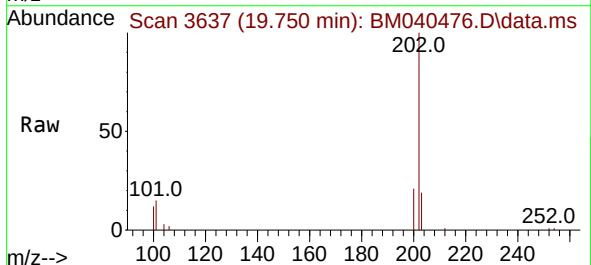
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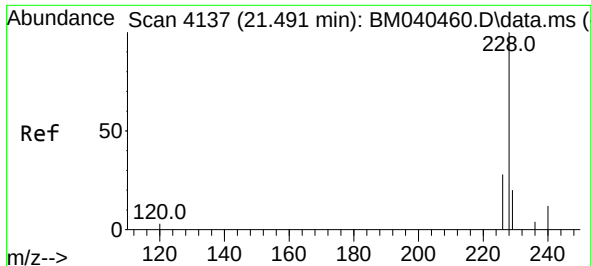
Tgt Ion:202 Resp: 16792
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 9.7 8.7 13.1



#20
Pyrene
Concen: 0.282 ng/ul
RT: 19.750 min Scan# 3637
Delta R.T. 0.003 min
Lab File: BM040476.D
Acq: 30 Jun 2023 17:44

Tgt Ion:202 Resp: 17920
Ion Ratio Lower Upper
202 100
101 15.3 12.6 18.8
100 11.8 9.8 14.6

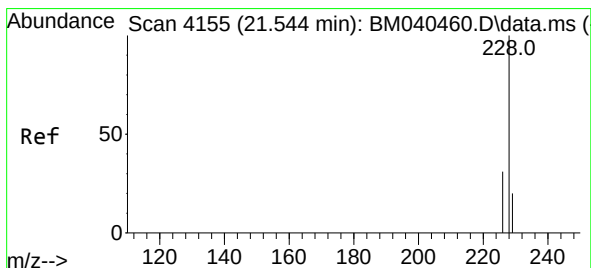
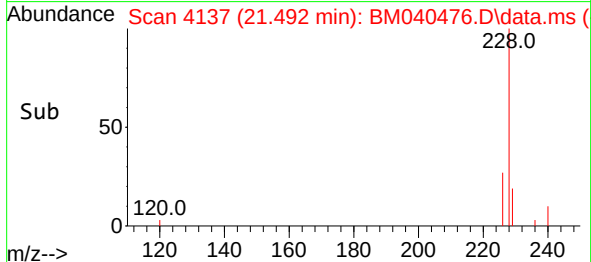
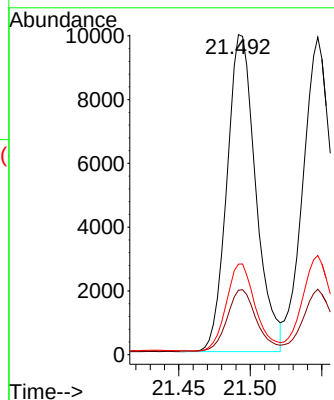
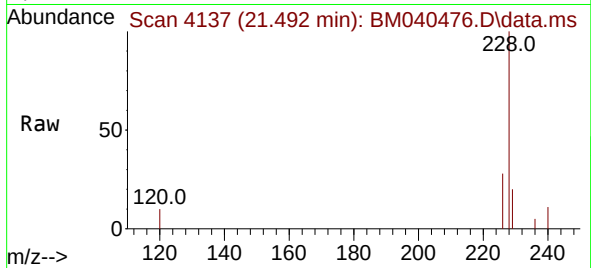




#21
Benzo(a)anthracene
Concen: 0.296 ng/ul
RT: 21.492 min Scan# 4137
Delta R.T. 0.000 min
Lab File: BM040476.D
Acq: 30 Jun 2023 17:44

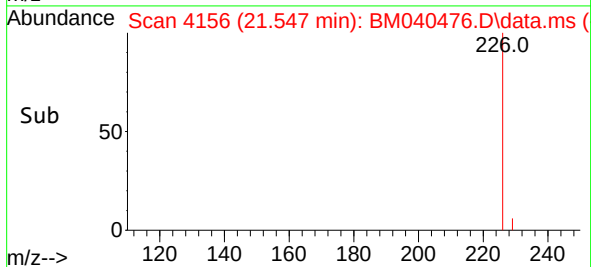
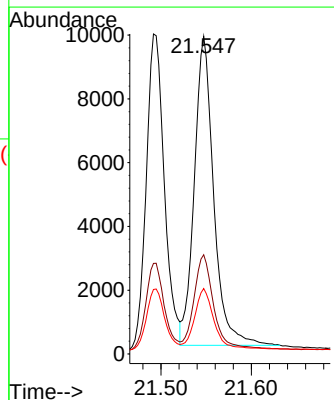
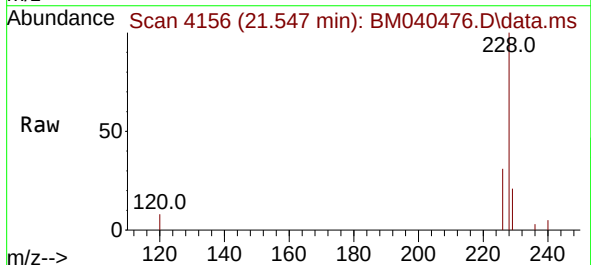
Instrument :
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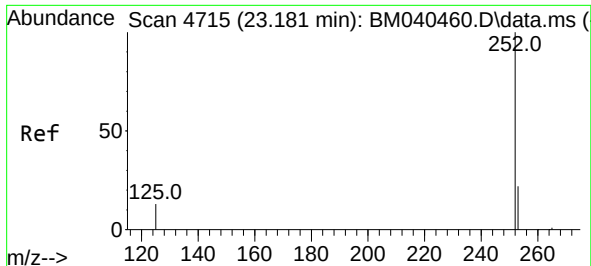
Tgt Ion:228	Resp:	13987
Ion Ratio	Lower	Upper
228	100	
229	20.1	16.0 24.0
226	28.3	22.3 33.5



#22
Chrysene
Concen: 0.268 ng/ul
RT: 21.547 min Scan# 4156
Delta R.T. 0.003 min
Lab File: BM040476.D
Acq: 30 Jun 2023 17:44

Tgt Ion:228	Resp:	14446
Ion Ratio	Lower	Upper
228	100	
226	31.3	24.9 37.3
229	20.6	15.8 23.6

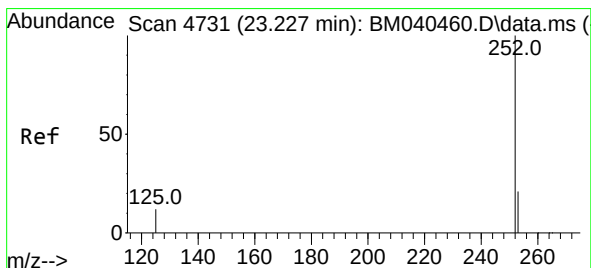
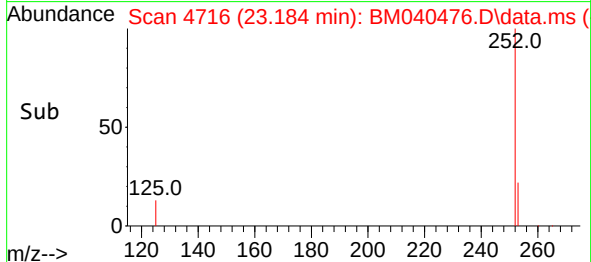
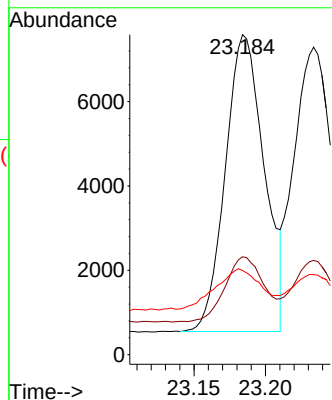
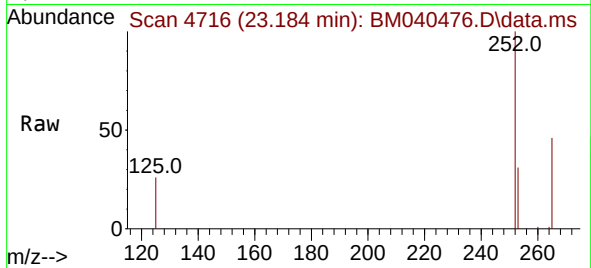




#24
Benzo(b)fluoranthene
Concen: 0.275 ng/ul
RT: 23.184 min Scan# 4715
Delta R.T. 0.003 min
Lab File: BM040476.D
Acq: 30 Jun 2023 17:44

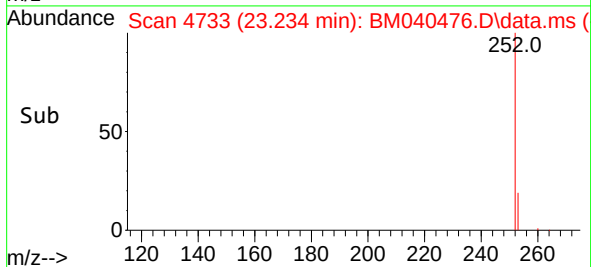
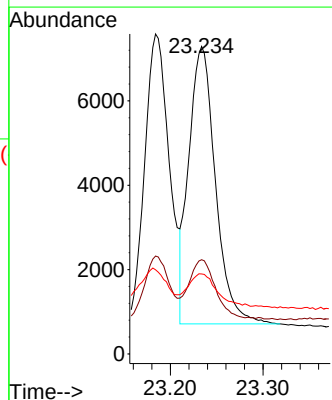
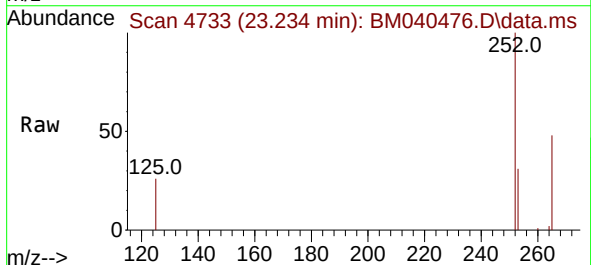
Instrument :
BNA_M
ClientSampleId :
SLCS575

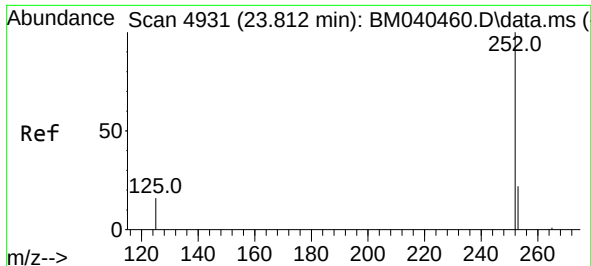
Tgt Ion:252 Resp: 13330
Ion Ratio Lower Upper
252 100
253 30.6 0.0 52.8
125 26.3 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.275 ng/ul
RT: 23.234 min Scan# 4733
Delta R.T. 0.006 min
Lab File: BM040476.D
Acq: 30 Jun 2023 17:44

Tgt Ion:252 Resp: 13137
Ion Ratio Lower Upper
252 100
253 30.6 21.2 31.8
125 26.0 16.4 24.6#

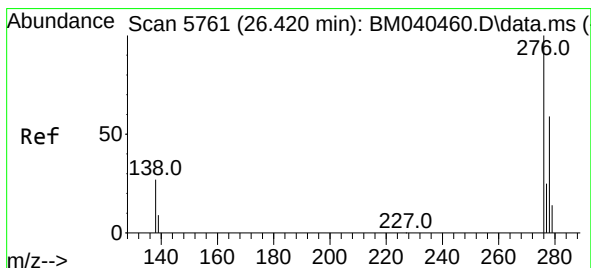
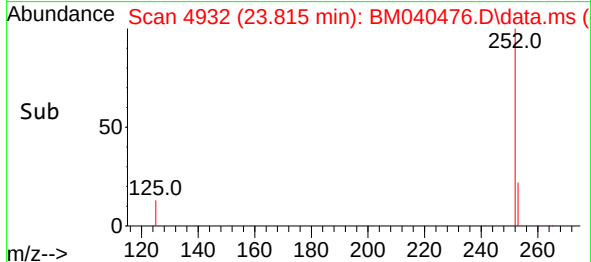
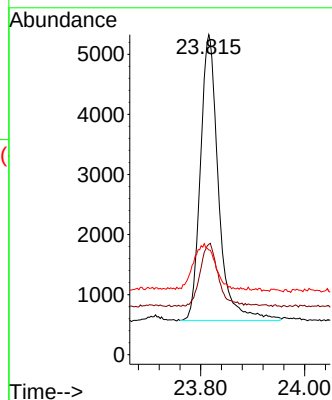
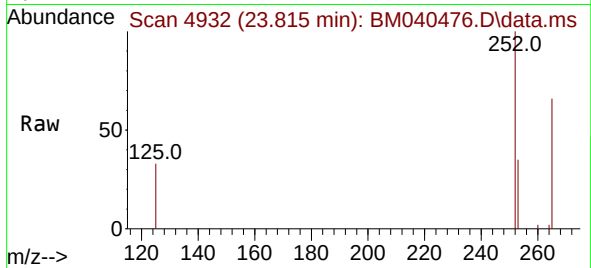




#26
Benzo(a)pyrene
Concen: 0.262 ng/ul
RT: 23.815 min Scan# 4931
Delta R.T. 0.003 min
Lab File: BM040476.D
Acq: 30 Jun 2023 17:44

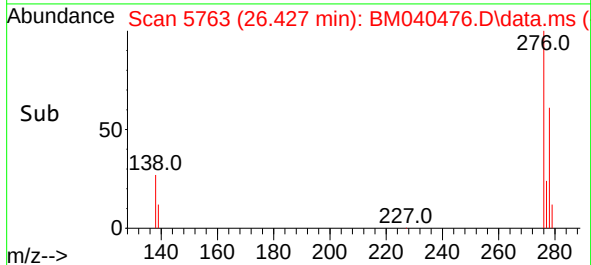
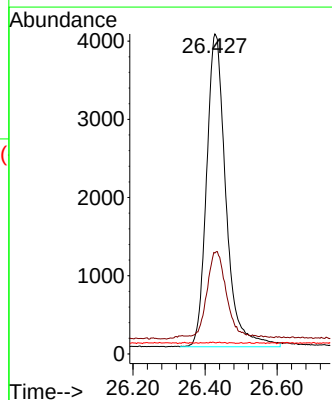
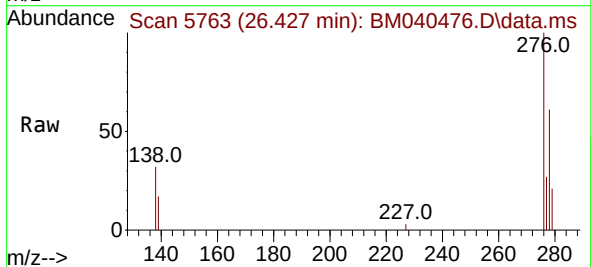
Instrument :
BNA_M
ClientSampleId :
SLCS575

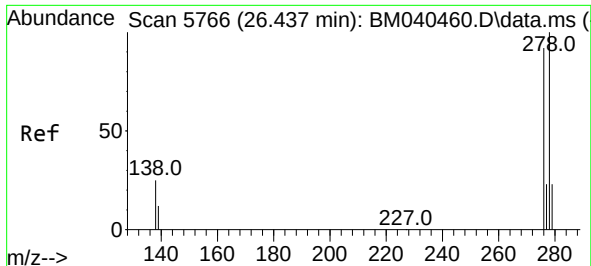
Tgt Ion:252 Resp: 11454
Ion Ratio Lower Upper
252 100
253 34.5 22.9 34.3#
125 32.7 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.245 ng/ul
RT: 26.427 min Scan# 5763
Delta R.T. 0.007 min
Lab File: BM040476.D
Acq: 30 Jun 2023 17:44

Tgt Ion:276 Resp: 14919
Ion Ratio Lower Upper
276 100
138 27.4 24.5 36.7
227 0.1 0.1 0.1#

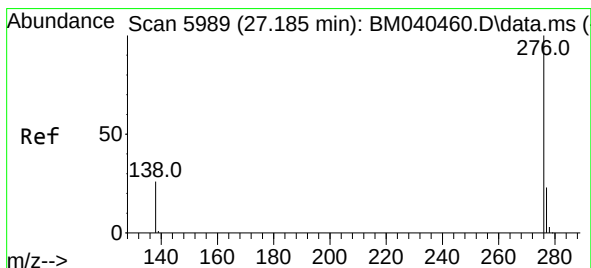
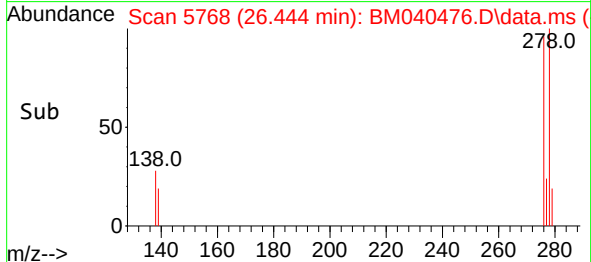
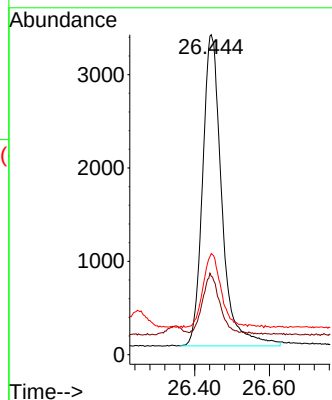
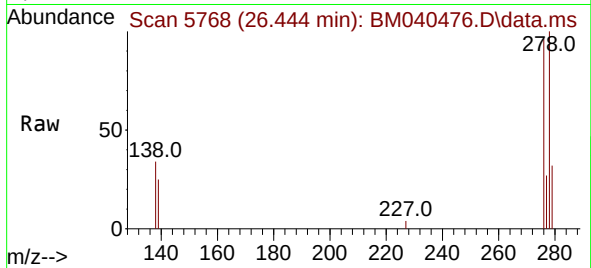




#28
Dibenzo(a,h)anthracene
Concen: 0.249 ng/ul
RT: 26.444 min Scan# 51
Delta R.T. 0.007 min
Lab File: BM040476.D
Acq: 30 Jun 2023 17:44

Instrument :
BNA_M
ClientSampleId :
SLCS575

Tgt Ion:278 Resp: 11894
Ion Ratio Lower Upper
278 100
139 24.5 17.9 26.9
279 31.6 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.235 ng/ul
RT: 27.192 min Scan# 5991
Delta R.T. 0.007 min
Lab File: BM040476.D
Acq: 30 Jun 2023 17:44

Tgt Ion:276 Resp: 12553
Ion Ratio Lower Upper
276 100
138 30.2 23.0 34.6
277 26.2 20.3 30.5

