

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011624\
 Data File : BM043858.D
 Acq On : 16 Jan 2024 11:45
 Operator : MA/JU
 Sample : PB158384BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS384

Quant Time: Jan 16 12:17:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 10 15:40:11 2024
 Response via : Initial Calibration

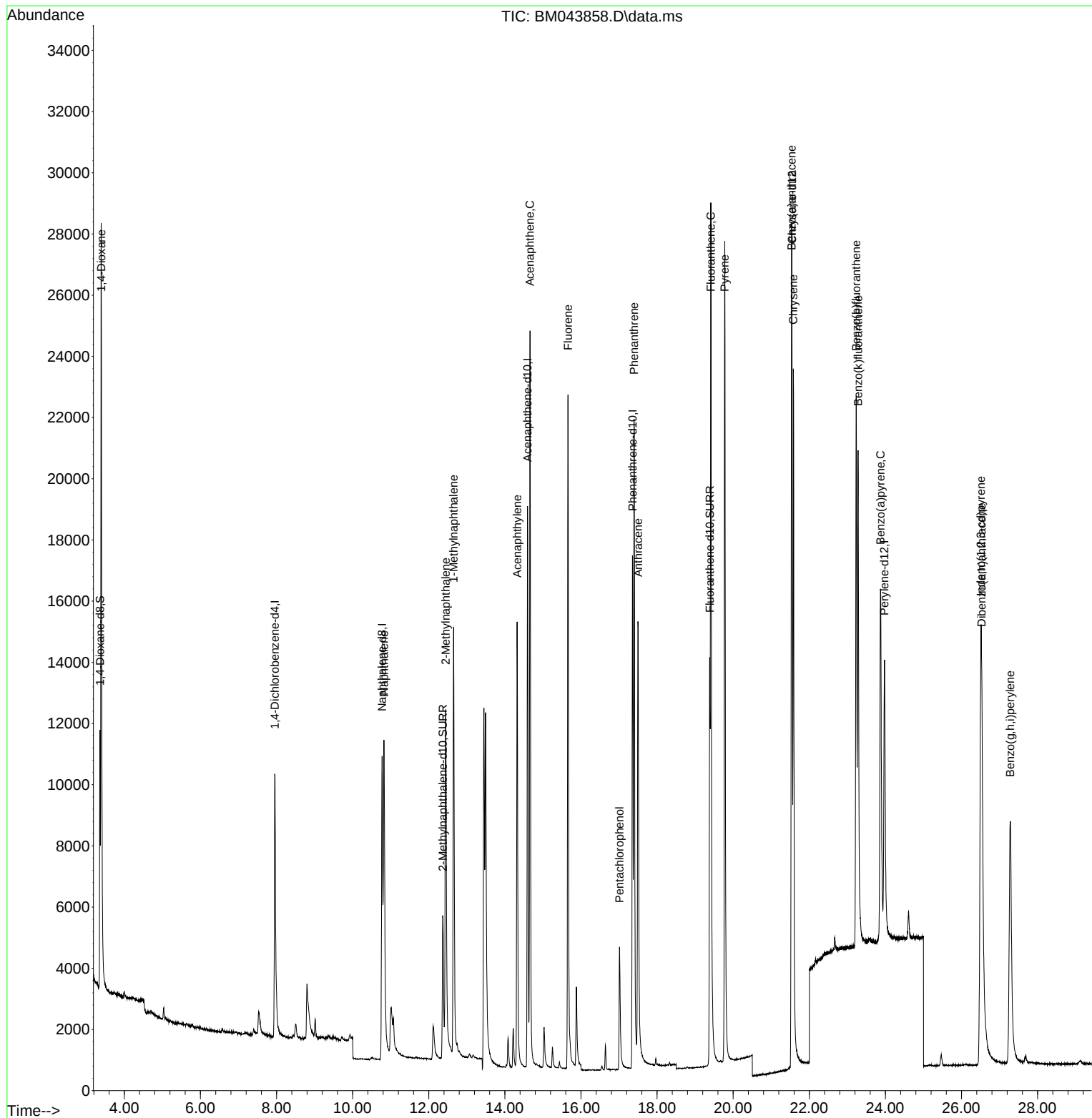
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	6974	0.400	ng/ul	0.00
4) Naphthalene-d8	10.774	136	20447	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	11561	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	24569	0.400	ng/ul	0.00
17) Chrysene-d12	21.545	240	15110	0.400	ng/ul	0.00
23) Perylene-d12	23.977	264	16134	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	5644	0.669	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	9563	0.324	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	18380	0.376	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	17448	1.946	ng/ul#	82
5) Naphthalene	10.823	128	20148	0.343	ng/ul	99
7) 2-Methylnaphthalene	12.445	142	12754	0.331	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	12747	0.325	ng/ul	100
10) Acenaphthylene	14.324	152	21168	0.342	ng/ul	100
11) Acenaphthene	14.661	153	15845	0.352	ng/ul	100
12) Fluorene	15.661	166	17503	0.339	ng/ul	100
14) Pentachlorophenol	17.012	266	4190	0.538	ng/ul	99
15) Phenanthrene	17.396	178	26974	0.346	ng/ul	99
16) Anthracene	17.497	178	25167	0.339	ng/ul	99
19) Fluoranthene	19.413	202	29510	0.394	ng/ul	98
20) Pyrene	19.780	202	30353	0.390	ng/ul	99
21) Benzo(a)anthracene	21.533	228	23047	0.351	ng/ul	99
22) Chrysene	21.583	228	26511	0.375	ng/ul	99
24) Benzo(b)fluoranthene	23.234	252	24495	0.373	ng/ul	99
25) Benzo(k)fluoranthene	23.284	252	27643	0.381	ng/ul	97
26) Benzo(a)pyrene	23.871	252	23262	0.378	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.509	276	28676	0.368	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.532	278	21887	0.362	ng/ul	98
29) Benzo(g,h,i)perylene	27.283	276	23807	0.365	ng/ul	98

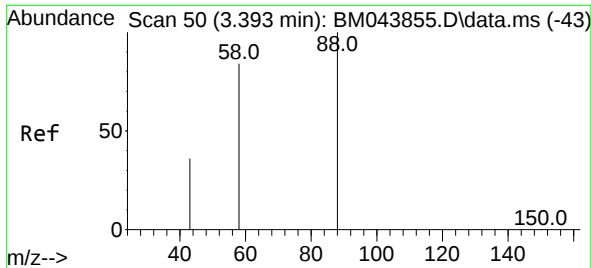
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 16 12:17:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 10 15:40:11 2024
Response via : Initial Calibration

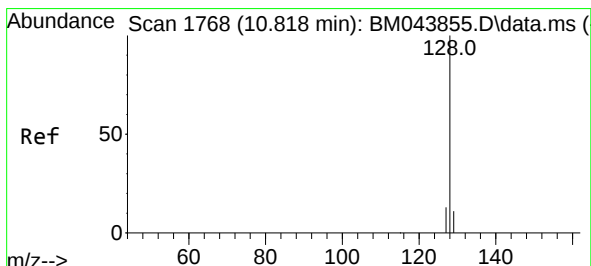
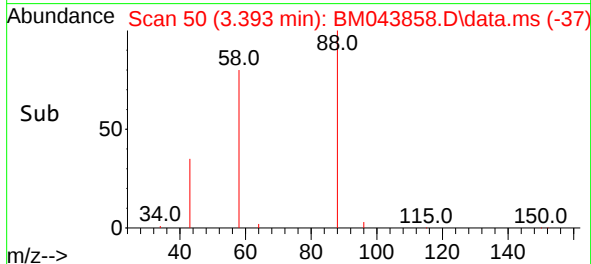
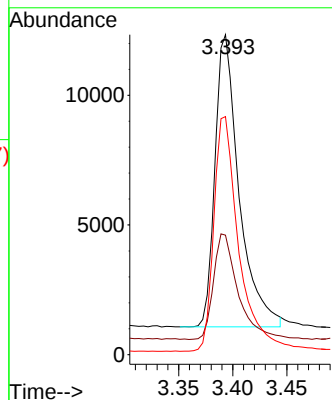
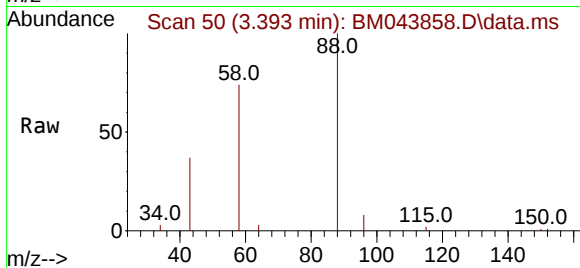




#2
 1,4-Dioxane
 Concen: 1.946 ng/ul
 RT: 3.393 min Scan# 50
 Delta R.T. -0.004 min
 Lab File: BM043858.D
 Acq: 16 Jan 2024 11:45

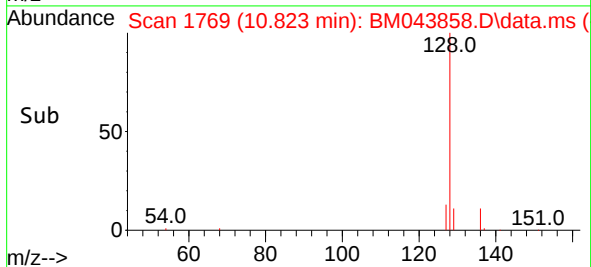
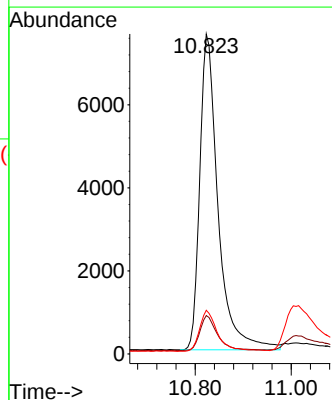
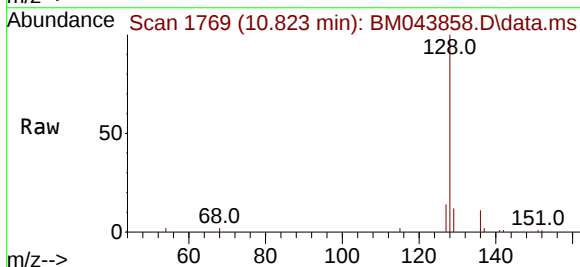
Instrument :
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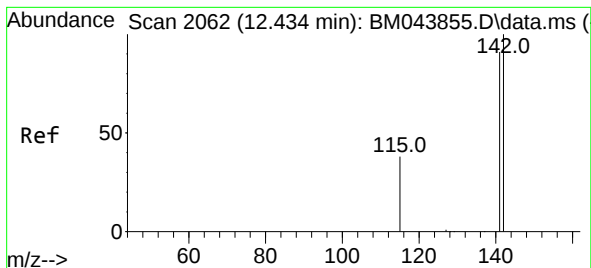
Tgt Ion: 88 Resp: 17448
 Ion Ratio Lower Upper
 88 100
 43 37.4 42.1 63.1#
 58 74.4 50.2 75.2



#5
 Naphthalene
 Concen: 0.343 ng/ul
 RT: 10.823 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: BM043858.D
 Acq: 16 Jan 2024 11:45

Tgt Ion:128 Resp: 20148
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.4 14.0
 127 13.6 10.6 15.8

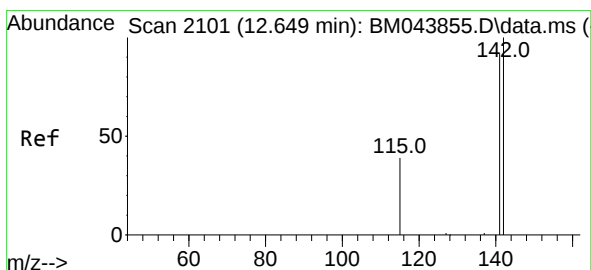
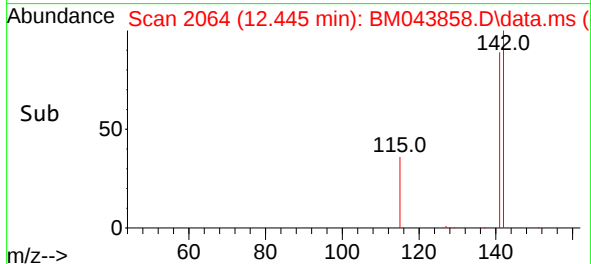
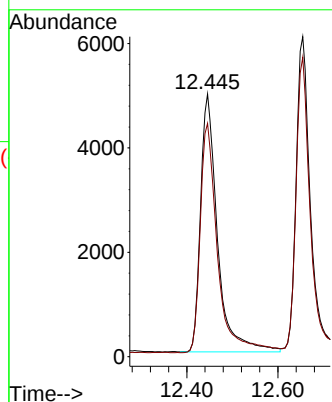
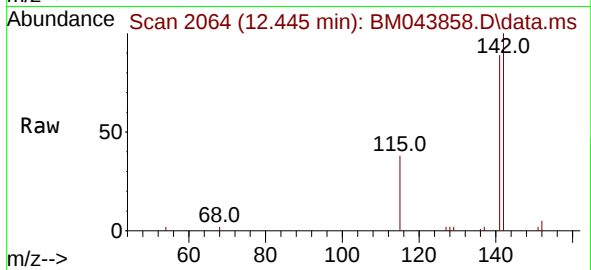




#7
2-Methylnaphthalene
Concen: 0.331 ng/ul
RT: 12.445 min Scan# 2064
Delta R.T. 0.005 min
Lab File: BM043858.D
Acq: 16 Jan 2024 11:45

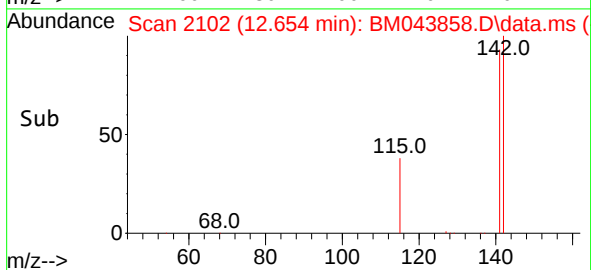
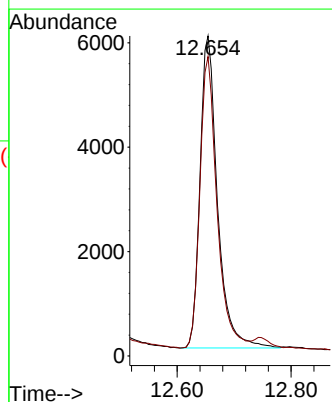
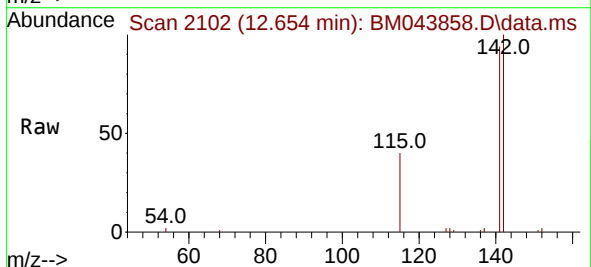
Instrument :
BNA_M
ClientSampleId :
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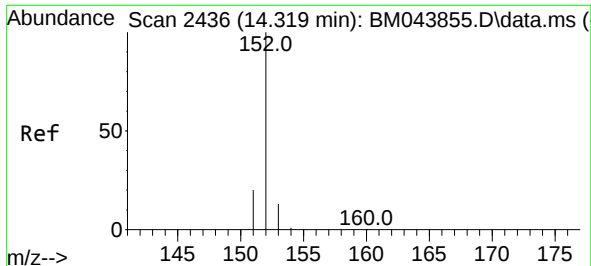
Tgt Ion:142 Resp: 12754
Ion Ratio Lower Upper
142 100
141 91.3 72.7 109.1



#8
1-Methylnaphthalene
Concen: 0.325 ng/ul
RT: 12.654 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BM043858.D
Acq: 16 Jan 2024 11:45

Tgt Ion:142 Resp: 12747
Ion Ratio Lower Upper
142 100
141 91.6 73.0 109.6

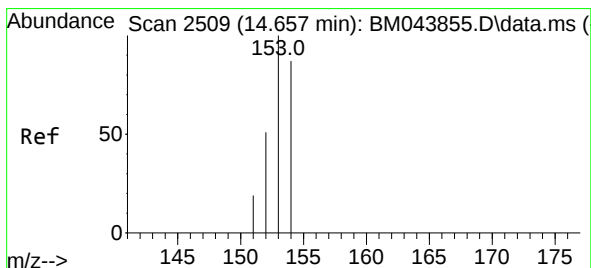
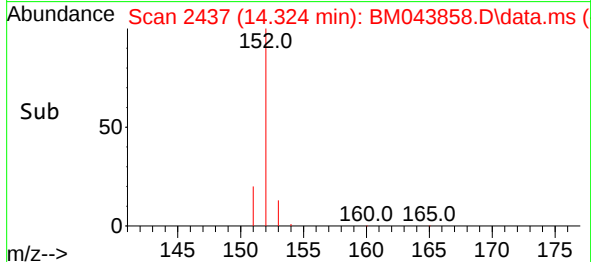
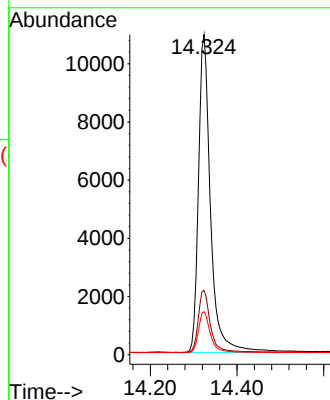
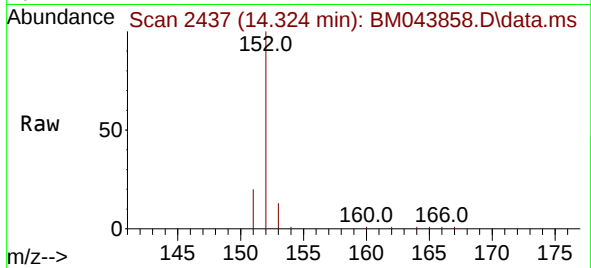




#10
Acenaphthylene
Concen: 0.342 ng/ul
RT: 14.324 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BM043858.D
Acq: 16 Jan 2024 11:45

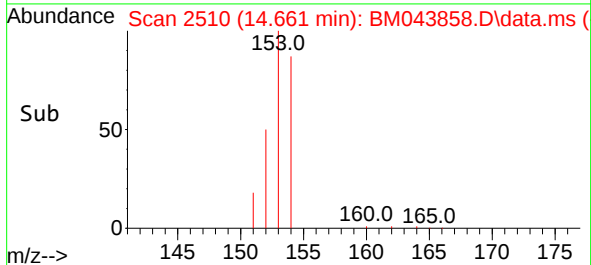
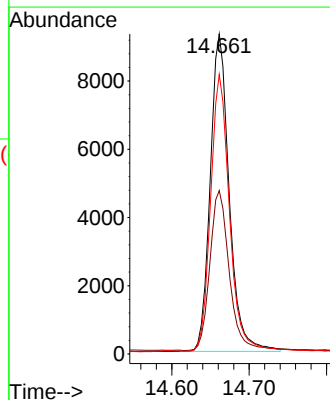
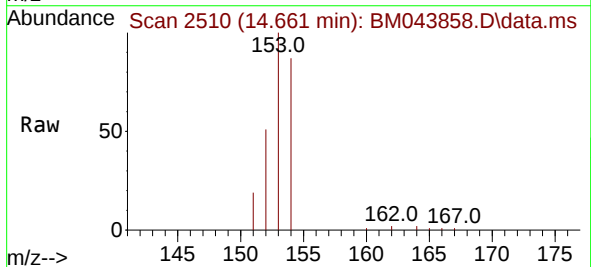
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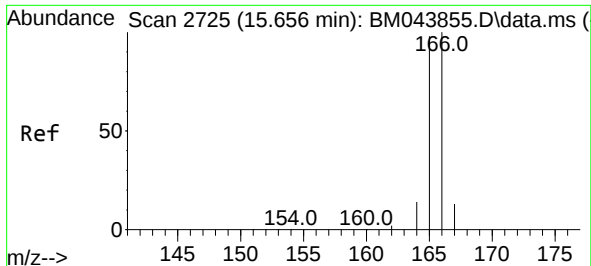
Tgt Ion:	152	Resp:	21168
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.0	24.0
153	13.5	10.6	16.0



#11
Acenaphthene
Concen: 0.352 ng/ul
RT: 14.661 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BM043858.D
Acq: 16 Jan 2024 11:45

Tgt Ion:	153	Resp:	15845
Ion Ratio	Lower	Upper	
153	100		
152	51.0	40.6	61.0
154	87.3	69.4	104.2

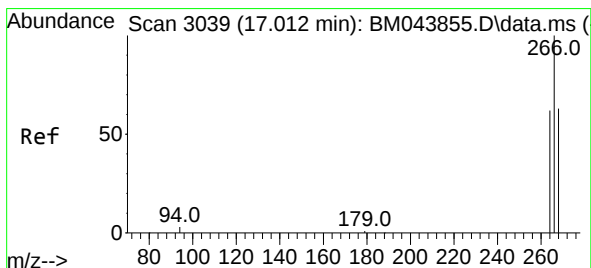
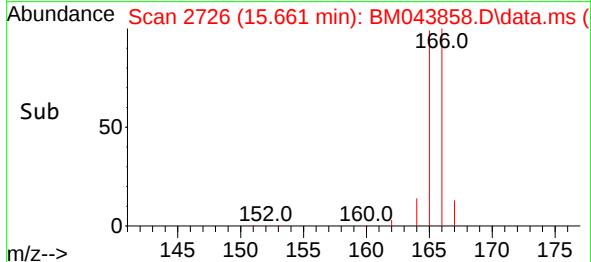
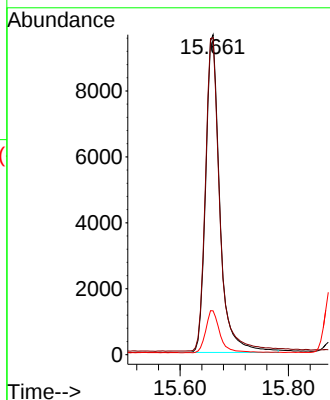
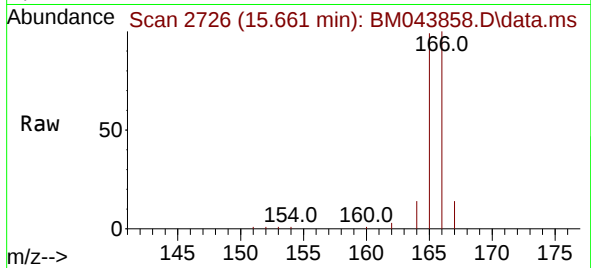




#12
Fluorene
Concen: 0.339 ng/ul
RT: 15.661 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM043858.D
Acq: 16 Jan 2024 11:45

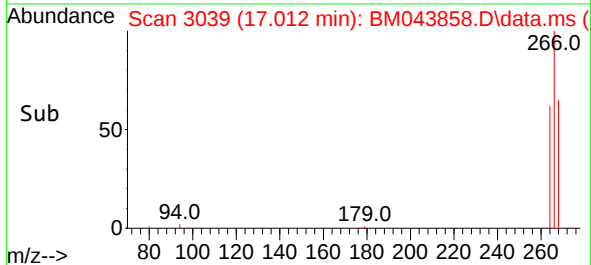
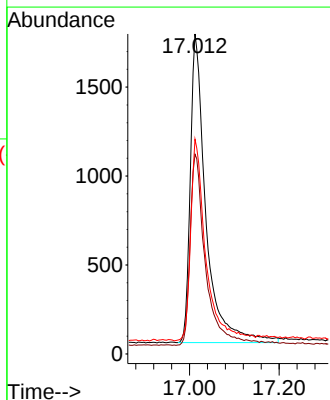
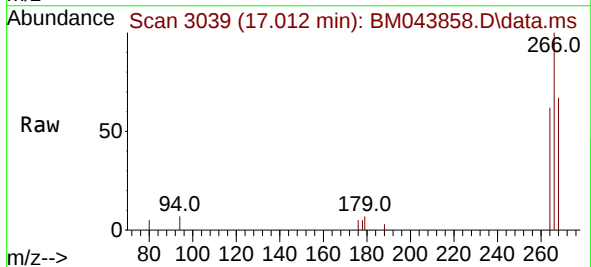
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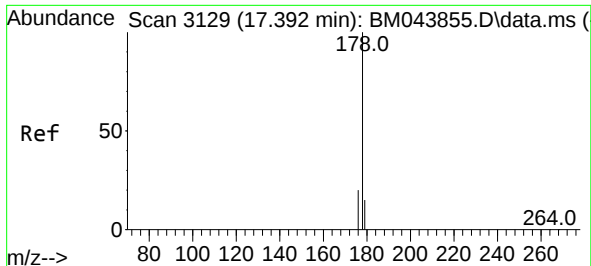
Tgt Ion:166 Resp: 17503
Ion Ratio Lower Upper
166 100
165 99.0 79.4 119.2
167 13.7 11.1 16.7



#14
Pentachlorophenol
Concen: 0.538 ng/ul
RT: 17.012 min Scan# 3039
Delta R.T. -0.004 min
Lab File: BM043858.D
Acq: 16 Jan 2024 11:45

Tgt Ion:266 Resp: 4190
Ion Ratio Lower Upper
266 100
264 62.3 50.4 75.6
268 63.6 52.2 78.2

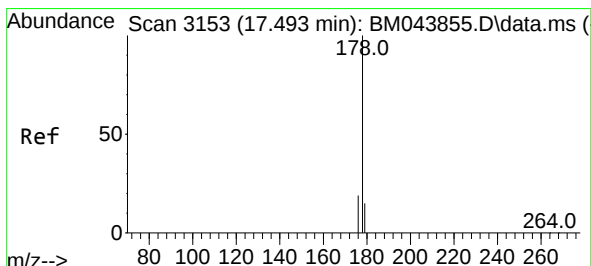
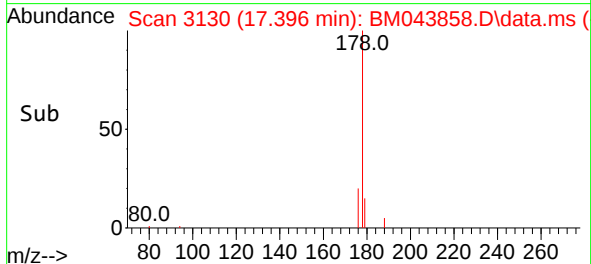
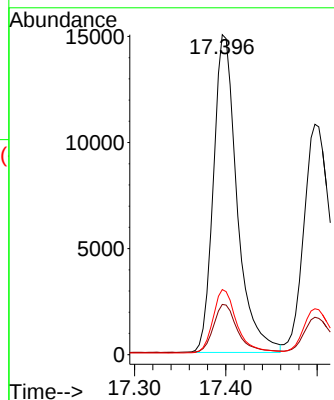
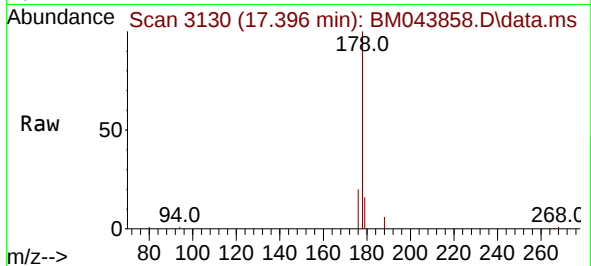




#15
Phenanthrene
Concen: 0.346 ng/ul
RT: 17.396 min Scan# 3129
Delta R.T. -0.000 min
Lab File: BM043858.D
Acq: 16 Jan 2024 11:45

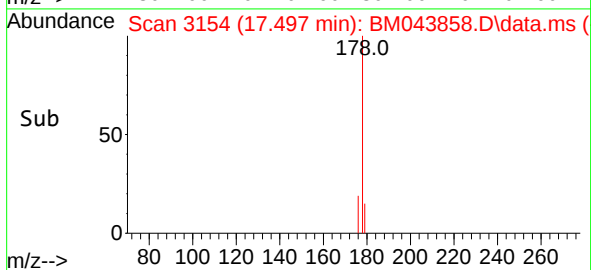
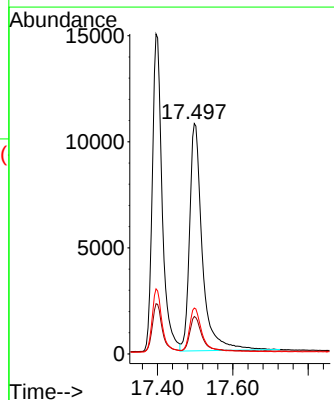
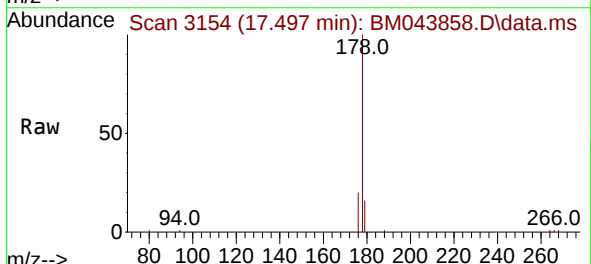
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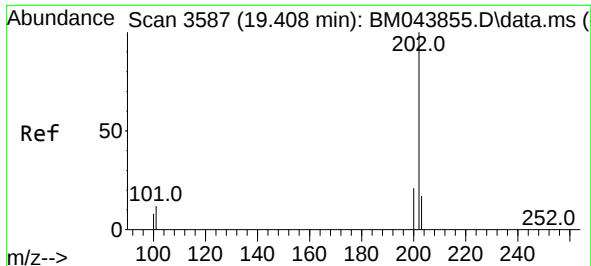
Tgt Ion:178 Resp: 26974
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 20.3 15.9 23.9



#16
Anthracene
Concen: 0.339 ng/ul
RT: 17.497 min Scan# 3154
Delta R.T. 0.004 min
Lab File: BM043858.D
Acq: 16 Jan 2024 11:45

Tgt Ion:178 Resp: 25167
Ion Ratio Lower Upper
178 100
179 16.2 12.7 19.1
176 19.9 15.6 23.4

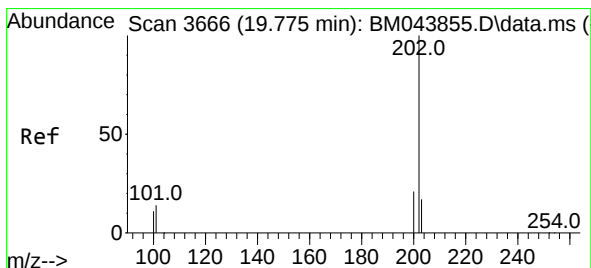
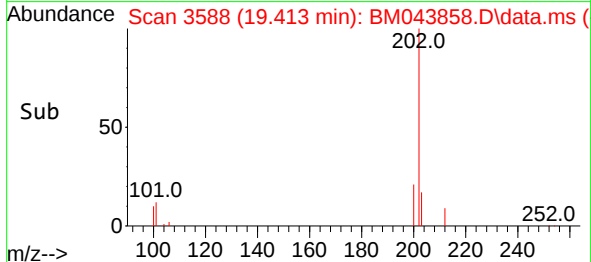
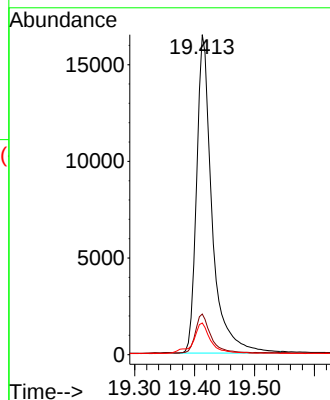
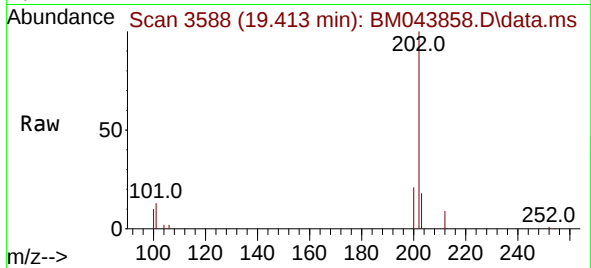




#19
Fluoranthene
Concen: 0.394 ng/ul
RT: 19.413 min Scan# 3588
Delta R.T. -0.000 min
Lab File: BM043858.D
Acq: 16 Jan 2024 11:45

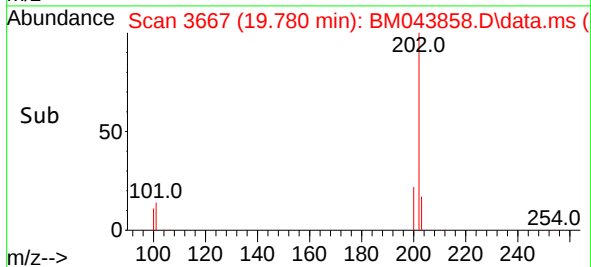
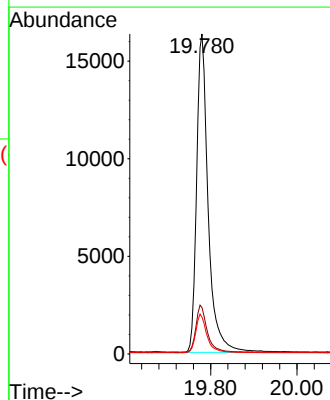
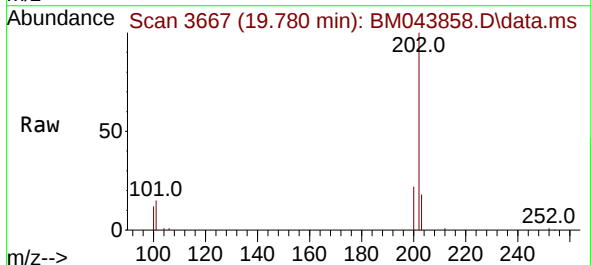
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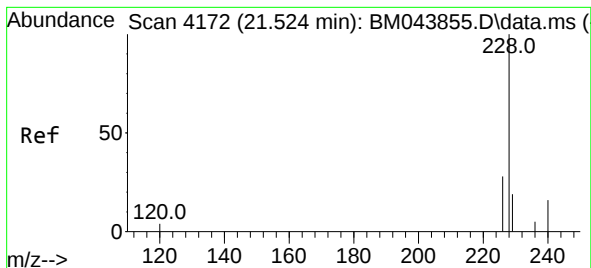
Tgt Ion:202 Resp: 29510
Ion Ratio Lower Upper
202 100
101 12.7 9.6 14.4
100 9.9 7.1 10.7



#20
Pyrene
Concen: 0.390 ng/ul
RT: 19.780 min Scan# 3667
Delta R.T. 0.005 min
Lab File: BM043858.D
Acq: 16 Jan 2024 11:45

Tgt Ion:202 Resp: 30353
Ion Ratio Lower Upper
202 100
101 14.6 11.3 16.9
100 11.5 9.0 13.6





#21

Benzo(a)anthracene

Concen: 0.351 ng/ul

RT: 21.533 min Scan# 4175

Delta R.T. 0.003 min

Lab File: BM043858.D

Acq: 16 Jan 2024 11:45

Instrument :

BNA_M

ClientSampleId :

SLCS384

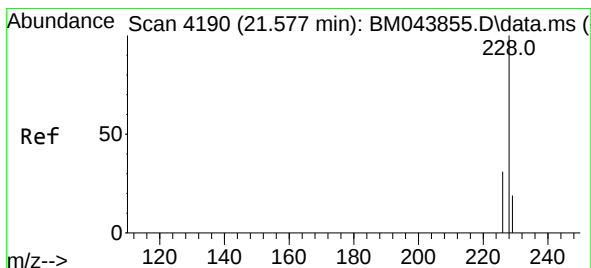
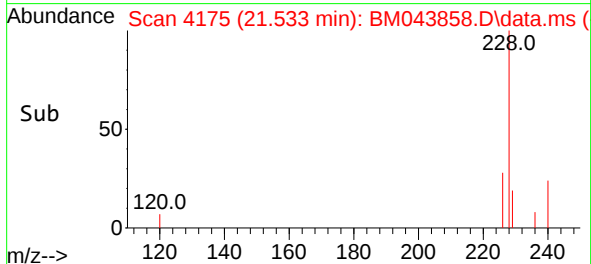
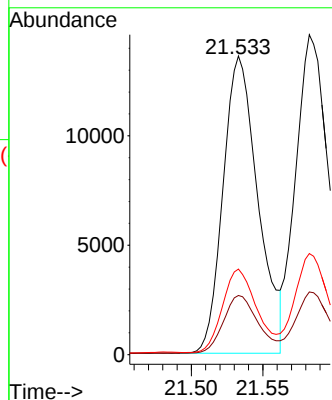
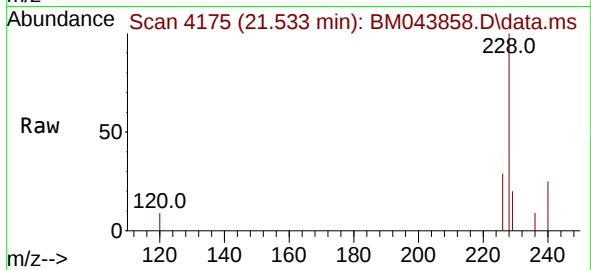
Tgt Ion:228 Resp: 23047

Ion Ratio Lower Upper

228 100

229 19.8 15.7 23.5

226 28.6 22.5 33.7



#22

Chrysene

Concen: 0.375 ng/ul

RT: 21.583 min Scan# 4192

Delta R.T. 0.003 min

Lab File: BM043858.D

Acq: 16 Jan 2024 11:45

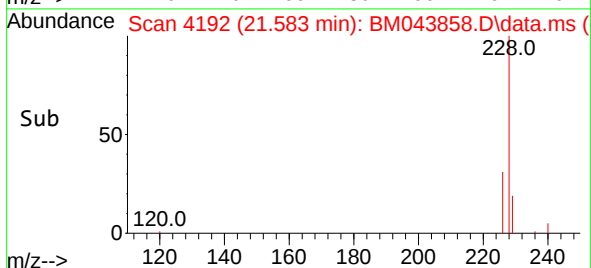
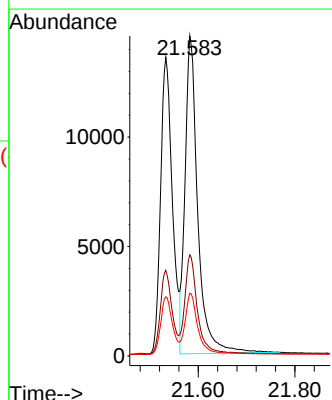
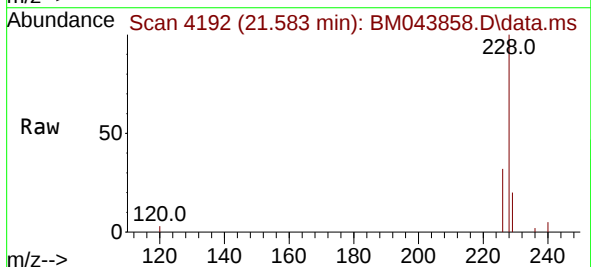
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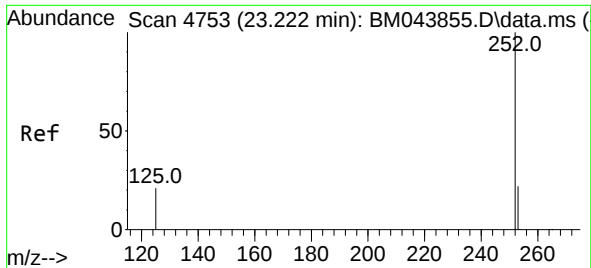
Ion Ratio Lower Upper

228 100

226 31.6 24.9 37.3

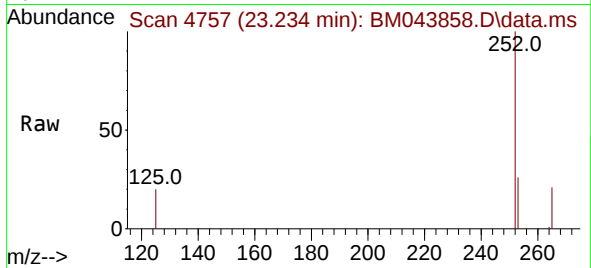
229 19.6 15.7 23.5



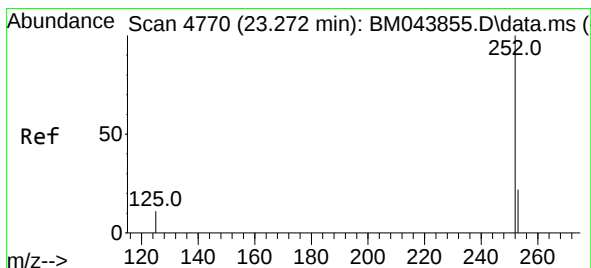
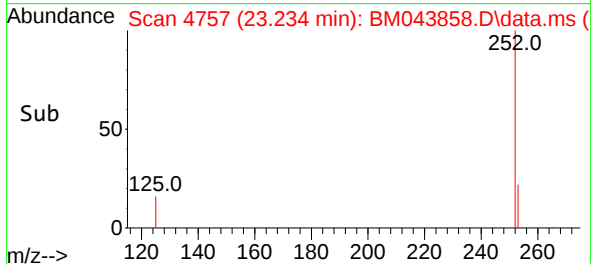
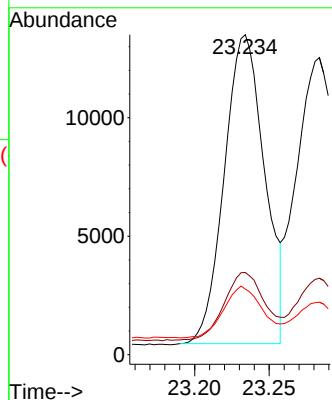


#24
Benzo(b)fluoranthene
Concen: 0.373 ng/ul
RT: 23.234 min Scan# 4753
Delta R.T. 0.003 min
Lab File: BM043858.D
Acq: 16 Jan 2024 11:45

Instrument :
BNA_M
ClientSampleId :
SLCS384

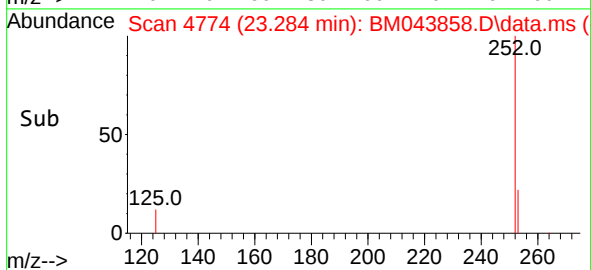
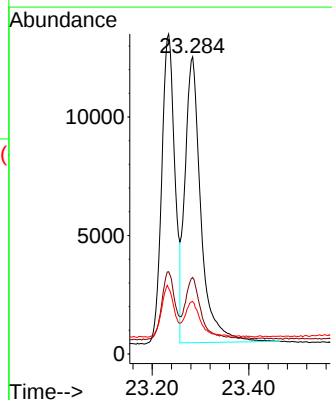
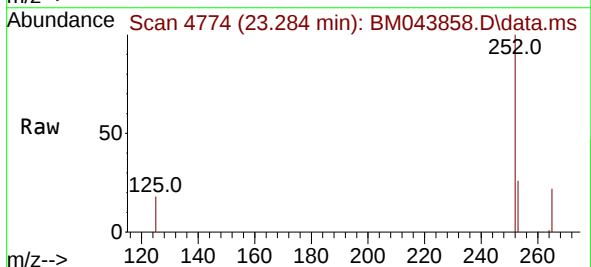


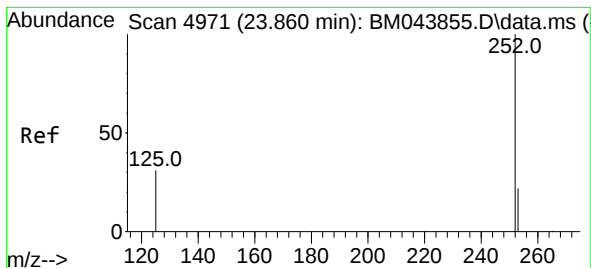
Tgt Ion:252 Resp: 24495
Ion Ratio Lower Upper
252 100
253 25.7 0.0 49.8
125 20.5 0.0 40.4



#25
Benzo(k)fluoranthene
Concen: 0.381 ng/ul
RT: 23.284 min Scan# 4774
Delta R.T. 0.006 min
Lab File: BM043858.D
Acq: 16 Jan 2024 11:45

Tgt Ion:252 Resp: 27643
Ion Ratio Lower Upper
252 100
253 25.7 19.9 29.9
125 17.7 12.1 18.1





#26

Benzo(a)pyrene

Concen: 0.378 ng/ul

RT: 23.871 min Scan# 4971

Delta R.T. 0.006 min

Lab File: BM043858.D

Acq: 16 Jan 2024 11:45

Instrument :

BNA_M

ClientSampleId :

SLCS384

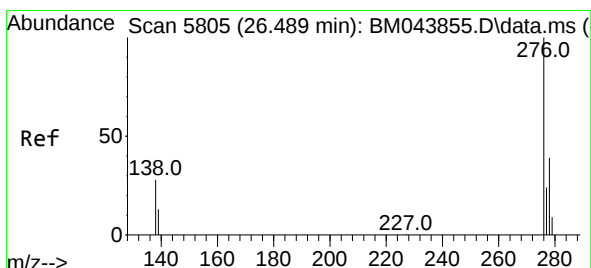
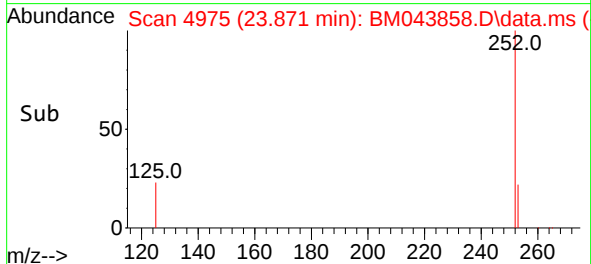
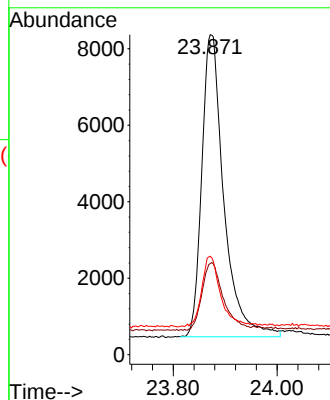
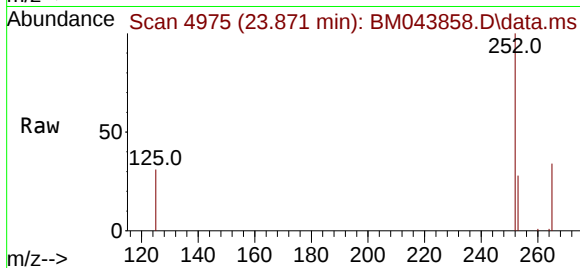
Tgt Ion:252 Resp: 23262

Ion Ratio Lower Upper

252 100

253 28.4 20.8 31.2

125 30.8 20.2 30.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.368 ng/ul

RT: 26.509 min Scan# 5811

Delta R.T. 0.007 min

Lab File: BM043858.D

Acq: 16 Jan 2024 11:45

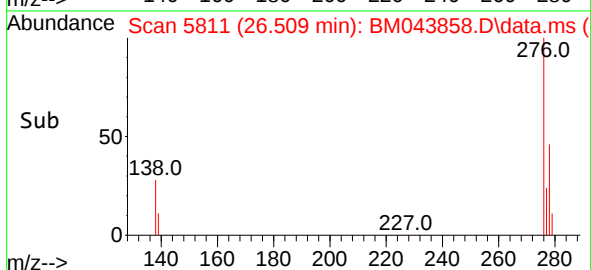
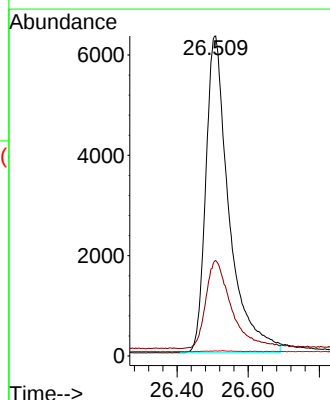
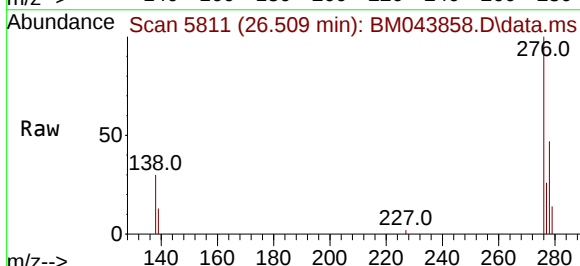
Tgt Ion:276 Resp: 28676

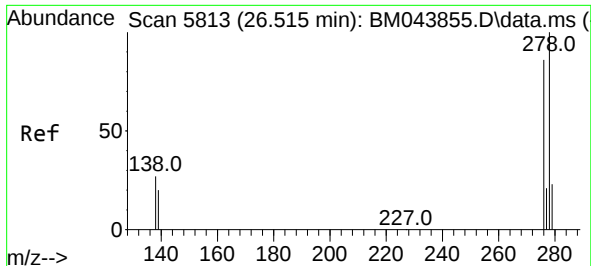
Ion Ratio Lower Upper

276 100

138 30.7 23.5 35.3

227 0.1 0.2 0.2#

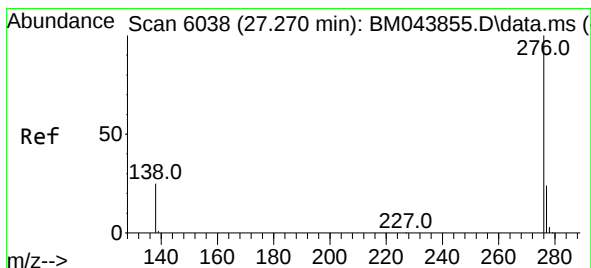
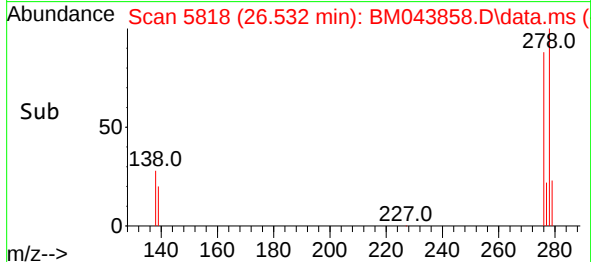
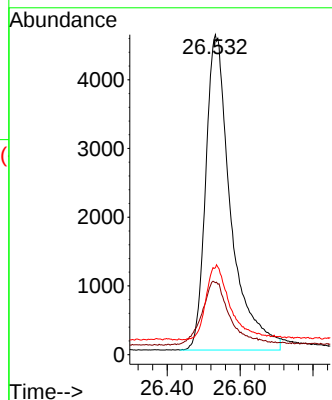
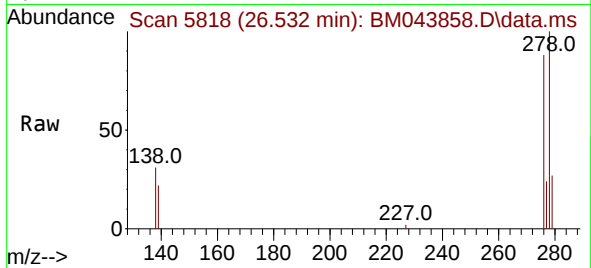




#28
 Dibenzo(a,h)anthracene
 Concen: 0.362 ng/ul
 RT: 26.532 min Scan# 5813
 Delta R.T. 0.007 min
 Lab File: BM043858.D
 Acq: 16 Jan 2024 11:45

Instrument :
 BNA_M
 ClientSampleId :
 SLCS384

Tgt Ion: 278 Resp: 21887
 Ion Ratio Lower Upper
 278 100
 139 22.5 18.1 27.1
 279 27.1 20.6 30.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.365 ng/ul
 RT: 27.283 min Scan# 6042
 Delta R.T. 0.004 min
 Lab File: BM043858.D
 Acq: 16 Jan 2024 11:45

Tgt Ion: 276 Resp: 23807
 Ion Ratio Lower Upper
 276 100
 138 27.4 21.0 31.4
 277 25.7 19.8 29.6

