

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111924\
 Data File : BM048807.D
 Acq On : 19 Nov 2024 23:26
 Operator : RC/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV047

Quant Time: Nov 19 23:57:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM111924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 23:50:17 2024
 Response via : Initial Calibration

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

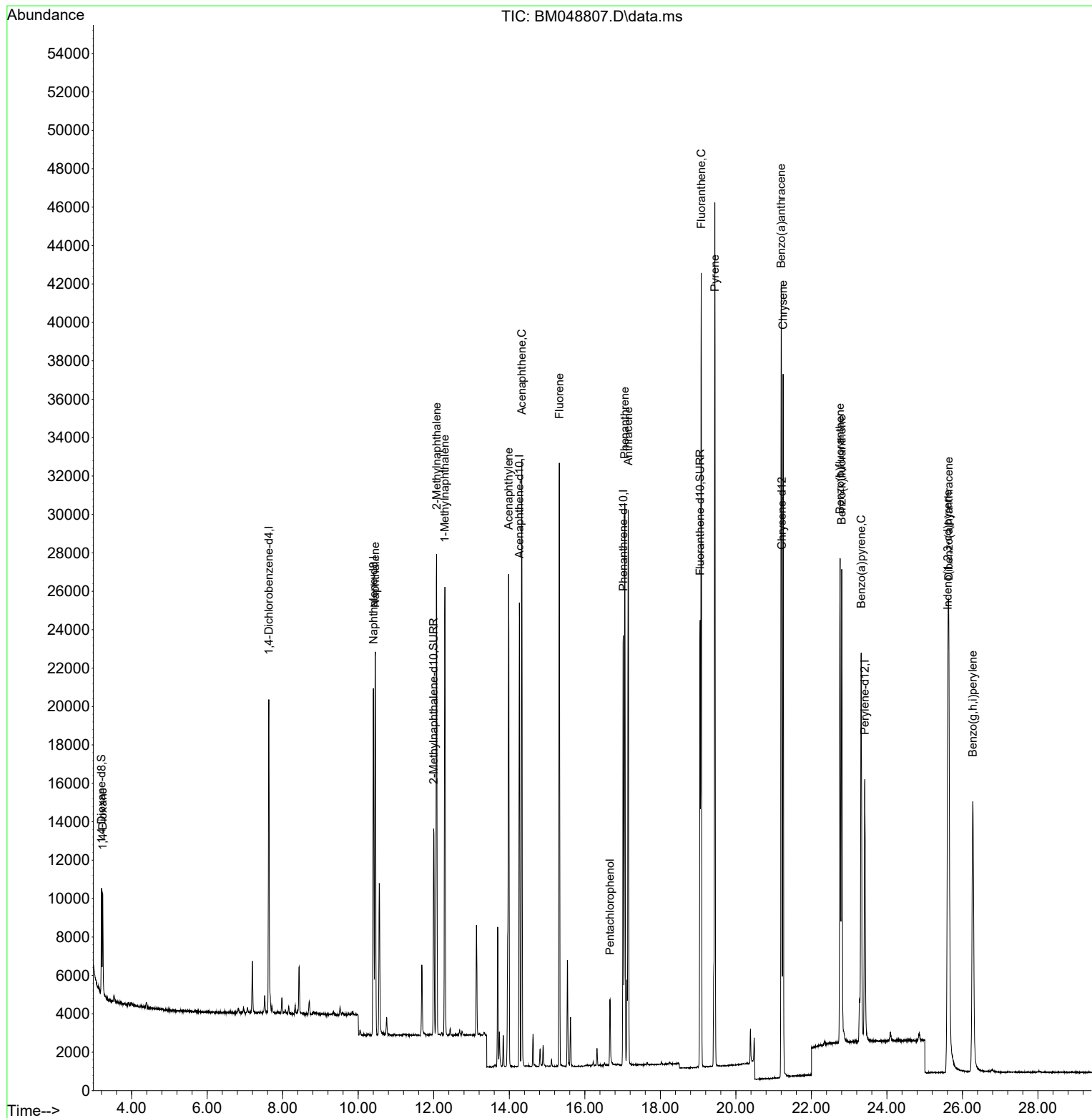
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	7649	0.400	ng/ul	0.00
4) Naphthalene-d8	10.403	136	24416	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.266	164	13123	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.019	188	25243	0.400	ng/ul	0.00
17) Chrysene-d12	21.216	240	15657	0.400	ng/ul	0.00
23) Perylene-d12	23.413	264	17361	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	3764	0.407	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.998	152	13863	0.434	ng/ul	0.00
18) Fluoranthene-d10	19.053	212	23004	0.440	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.235	88	4365	0.422	ng/ul#	67
5) Naphthalene	10.452	128	26562	0.425	ng/ul	97
7) 2-Methylnaphthalene	12.075	142	17217	0.419	ng/ul	100
8) 1-Methylnaphthalene	12.295	142	16060	0.387	ng/ul	99
10) Acenaphthylene	13.984	152	27865	0.449	ng/ul	99
11) Acenaphthene	14.331	153	17483	0.413	ng/ul	99
12) Fluorene	15.325	166	19928	0.423	ng/ul	97
14) Pentachlorophenol	16.668	266	2602	0.370	ng/ul	97
15) Phenanthrene	17.057	178	30519	0.423	ng/ul	99
16) Anthracene	17.150	178	30194	0.419	ng/ul	99
19) Fluoranthene	19.081	202	33755	0.424	ng/ul	98
20) Pyrene	19.443	202	35499	0.418	ng/ul	97
21) Benzo(a)anthracene	21.198	228	30501	0.411	ng/ul	99
22) Chrysene	21.251	228	30127	0.426	ng/ul	99
24) Benzo(b)fluoranthene	22.759	252	30880	0.426	ng/ul	99
25) Benzo(k)fluoranthene	22.802	252	31523	0.436	ng/ul	99
26) Benzo(a)pyrene	23.317	252	28981	0.432	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.614	276	37088	0.418	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.638	278	28111	0.425	ng/ul	99
29) Benzo(g,h,i)perylene	26.275	276	29915	0.424	ng/ul	99

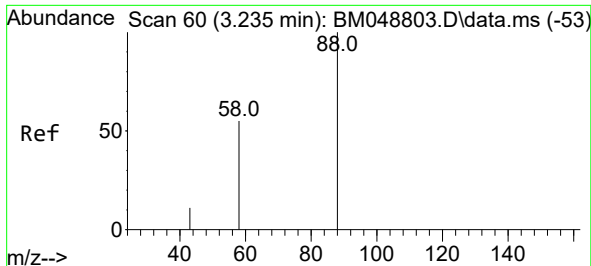
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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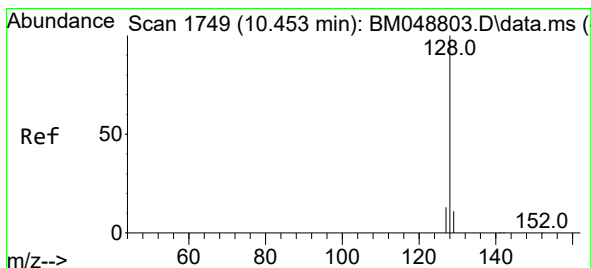
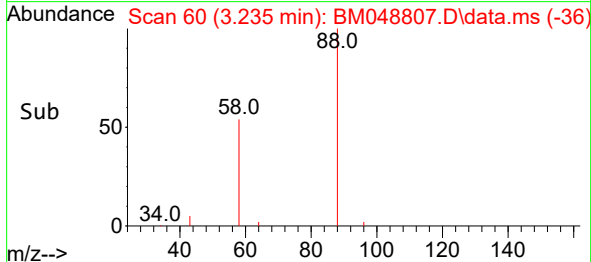
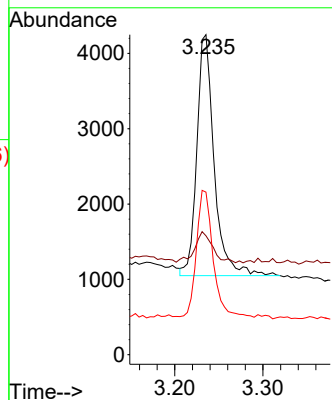
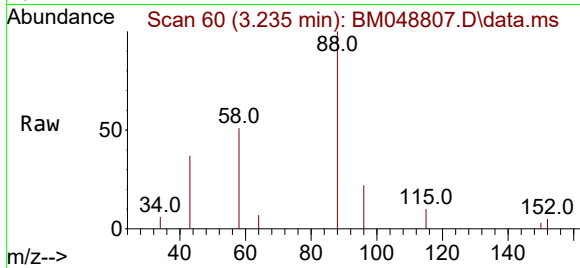




#2
1,4-Dioxane
Concen: 0.422 ng/ul
RT: 3.235 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM048807.D
Acq: 19 Nov 2024 23:26

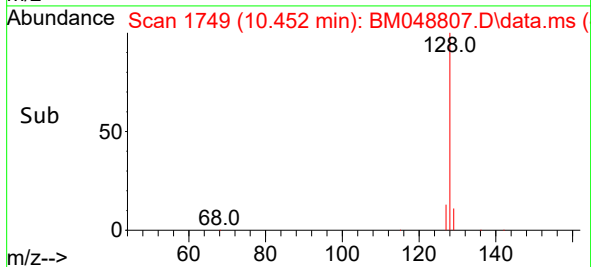
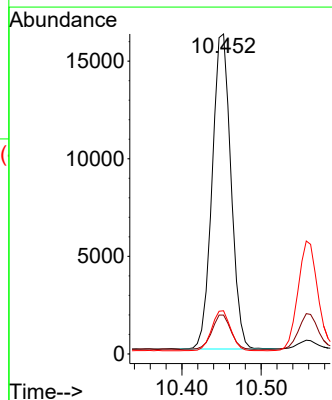
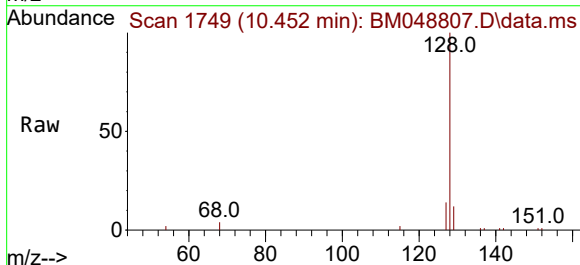
Instrument :
BNA_M
ClientSampleId :
SICV047

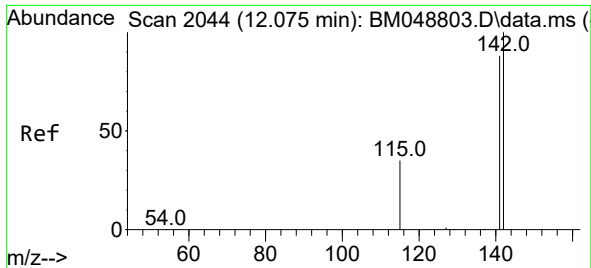
Tgt Ion: 88 Resp: 4365
Ion Ratio Lower Upper
88 100
43 37.1 60.2 90.2#
58 50.8 53.6 80.4#



#5
Naphthalene
Concen: 0.425 ng/ul
RT: 10.452 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BM048807.D
Acq: 19 Nov 2024 23:26

Tgt Ion: 128 Resp: 26562
Ion Ratio Lower Upper
128 100
129 12.2 10.9 16.3
127 13.5 11.6 17.4

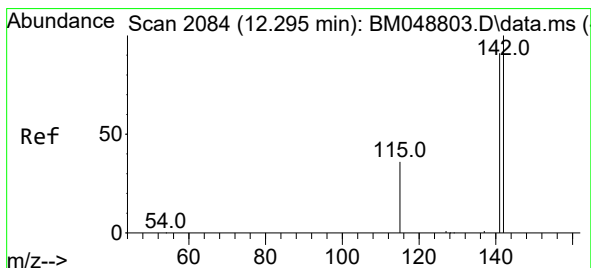
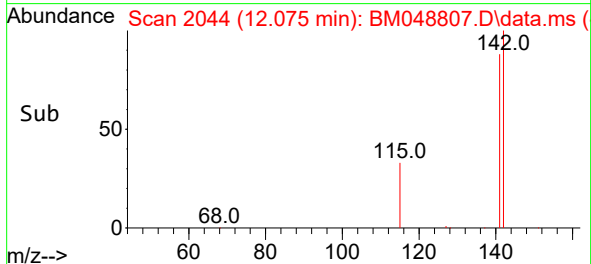
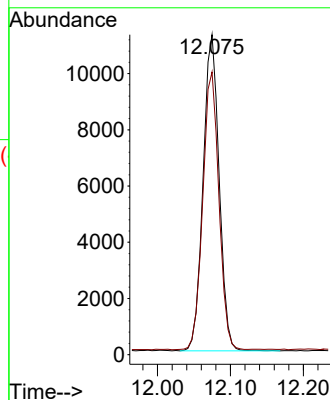
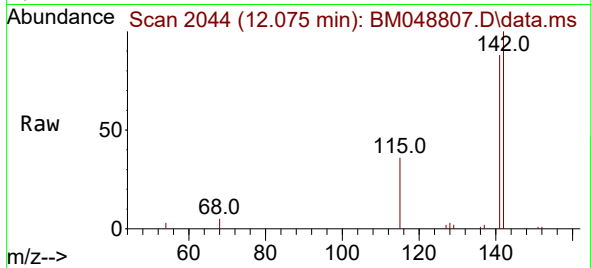




#7
2-Methylnaphthalene
Concen: 0.419 ng/ul
RT: 12.075 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BM048807.D
Acq: 19 Nov 2024 23:26

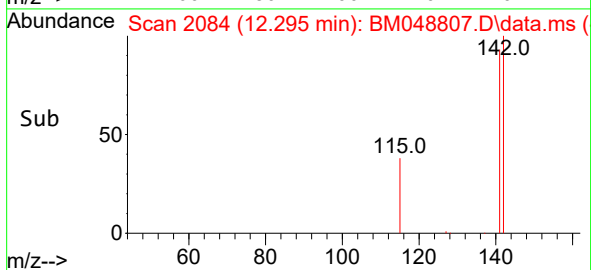
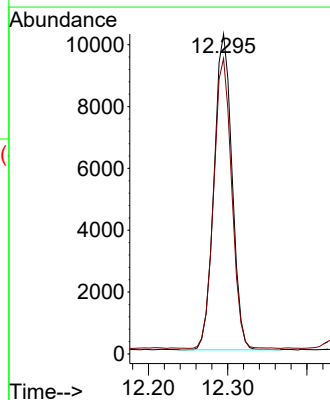
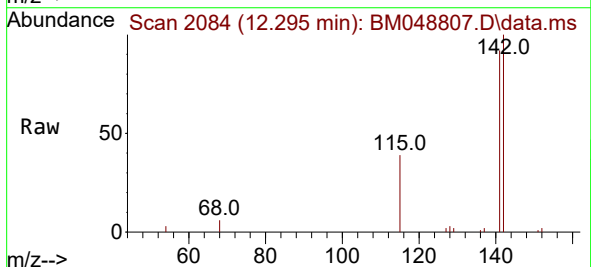
Instrument :
BNA_M
ClientSampleId :
SICV047

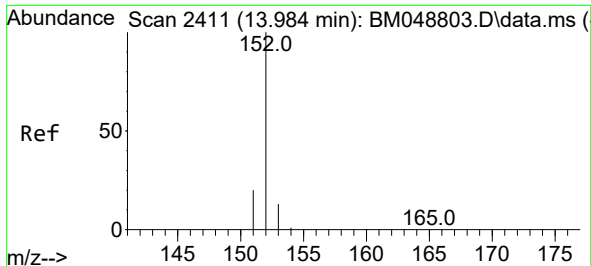
Tgt Ion:142 Resp: 17217
Ion Ratio Lower Upper
142 100
141 88.1 70.7 106.1



#8
1-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.295 min Scan# 2084
Delta R.T. -0.000 min
Lab File: BM048807.D
Acq: 19 Nov 2024 23:26

Tgt Ion:142 Resp: 16060
Ion Ratio Lower Upper
142 100
141 91.6 72.5 108.7

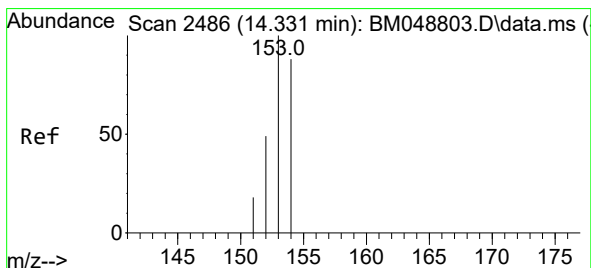
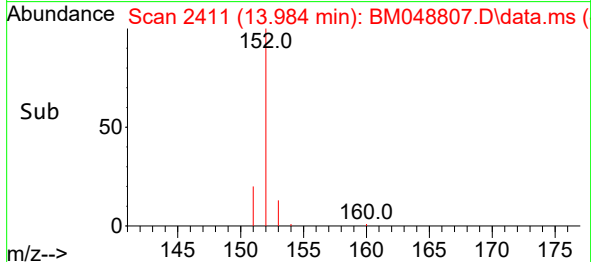
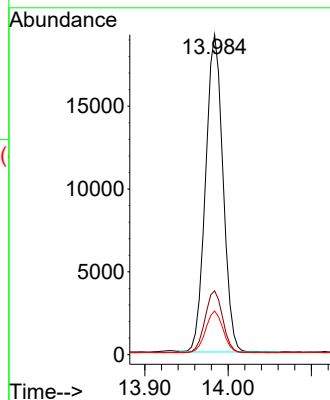
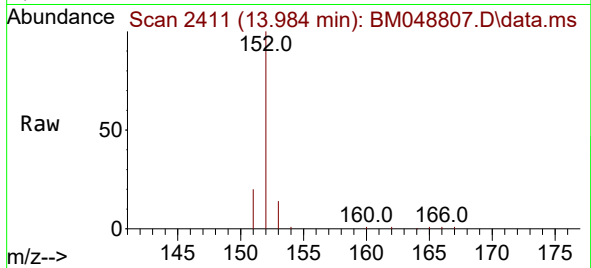




#10
Acenaphthylene
Concen: 0.449 ng/ul
RT: 13.984 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BM048807.D
Acq: 19 Nov 2024 23:26

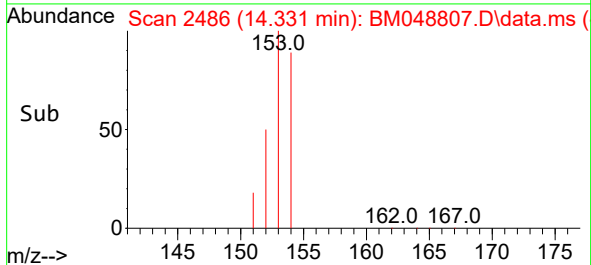
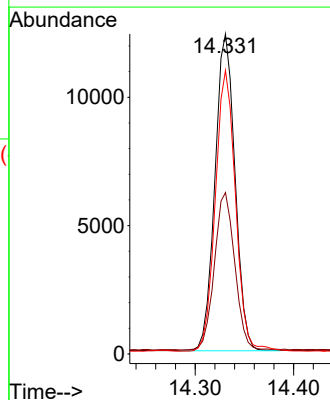
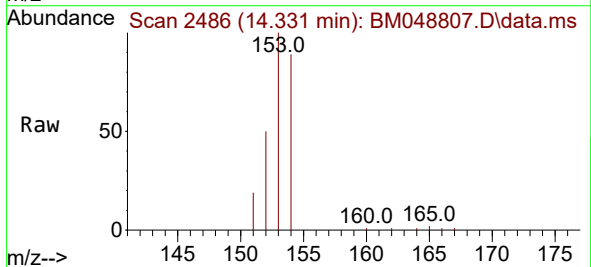
Instrument :
BNA_M
ClientSampleId :
SICV047

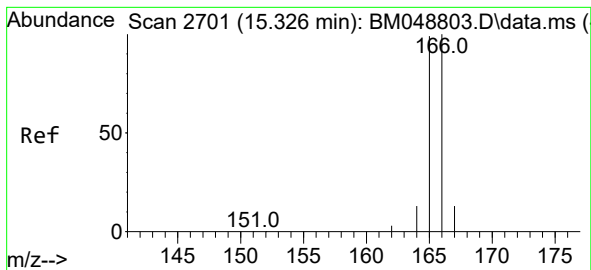
Tgt Ion:152 Resp: 27865
Ion Ratio Lower Upper
152 100
151 20.0 16.5 24.7
153 13.7 11.1 16.7



#11
Acenaphthene
Concen: 0.413 ng/ul
RT: 14.331 min Scan# 2486
Delta R.T. -0.000 min
Lab File: BM048807.D
Acq: 19 Nov 2024 23:26

Tgt Ion:153 Resp: 17483
Ion Ratio Lower Upper
153 100
152 50.4 40.0 60.0
154 88.6 70.2 105.4





#12

Fluorene

Concen: 0.423 ng/ul

RT: 15.325 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM048807.D

Acq: 19 Nov 2024 23:26

Instrument :

BNA_M

ClientSampleId :

SICV047

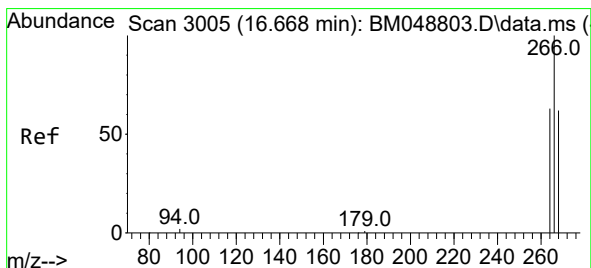
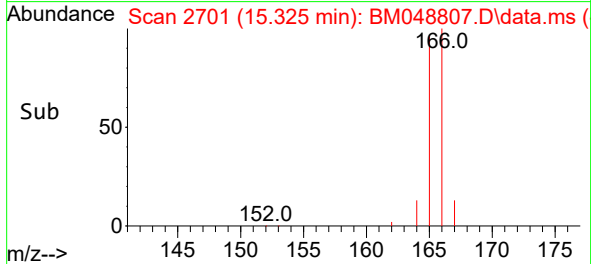
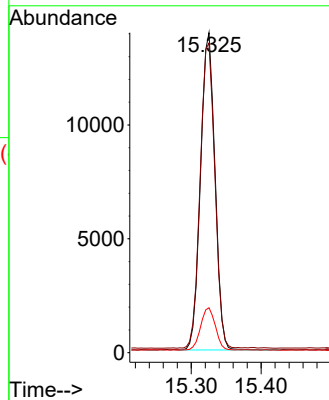
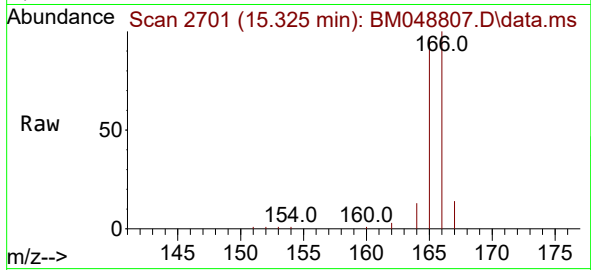
Tgt Ion:166 Resp: 19928

Ion Ratio Lower Upper

166 100

165 96.7 79.8 119.8

167 14.1 11.5 17.3



#14

Pentachlorophenol

Concen: 0.370 ng/ul

RT: 16.668 min Scan# 3005

Delta R.T. -0.000 min

Lab File: BM048807.D

Acq: 19 Nov 2024 23:26

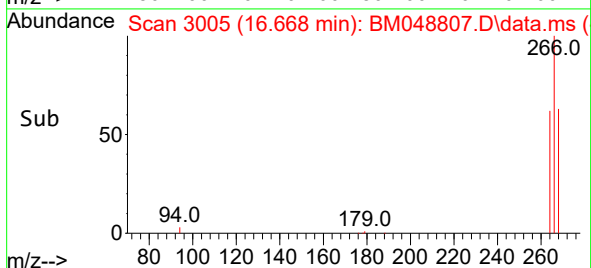
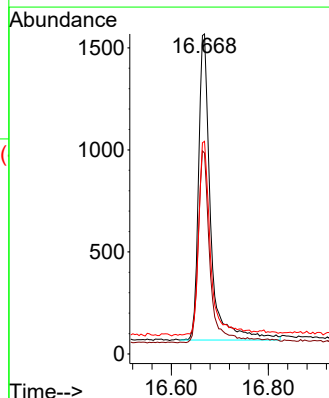
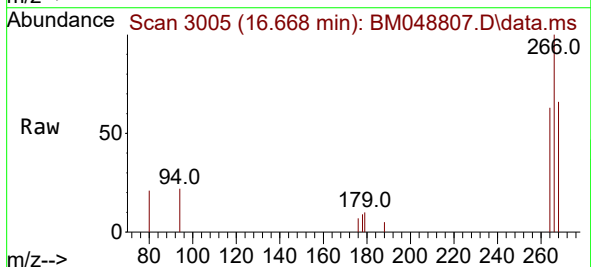
Tgt Ion:266 Resp: 2602

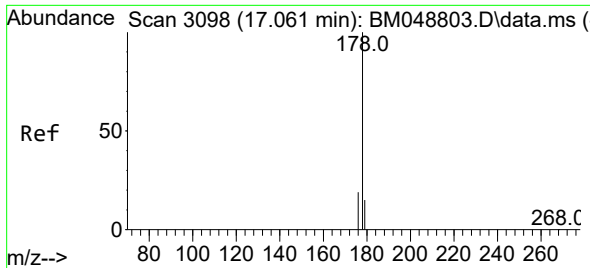
Ion Ratio Lower Upper

266 100

264 62.3 50.7 76.1

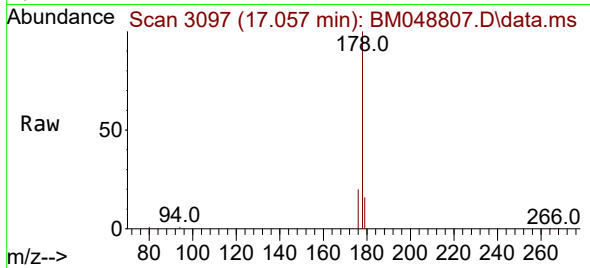
268 61.8 52.0 78.0



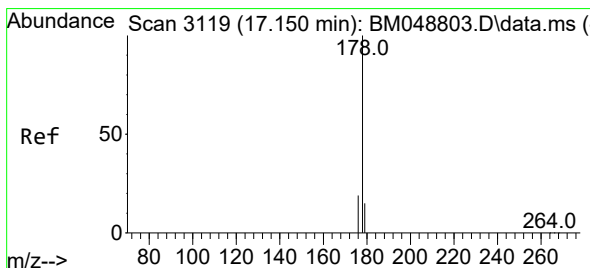
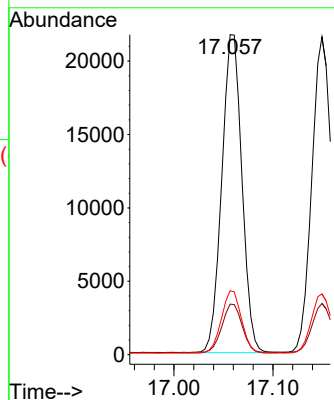


#15
Phenanthrene
Concen: 0.423 ng/ul
RT: 17.057 min Scan# 3097
Delta R.T. -0.004 min
Lab File: BM048807.D
Acq: 19 Nov 2024 23:26

Instrument :
BNA_M
ClientSampleId :
SICV047

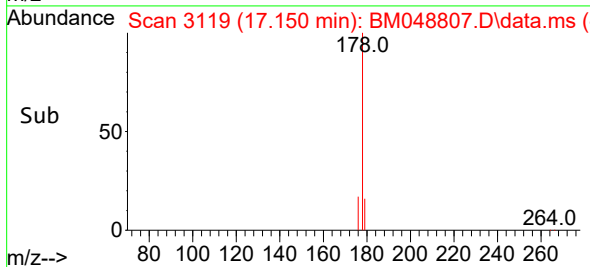
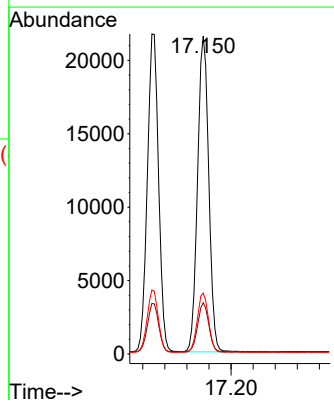
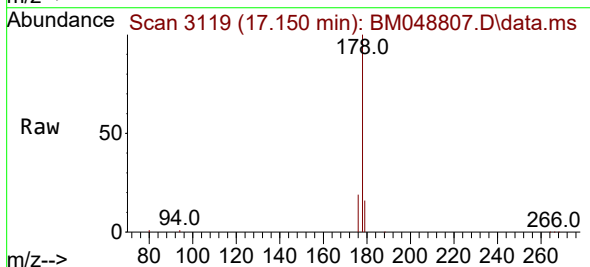


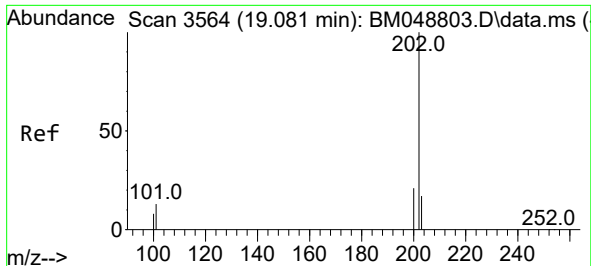
Tgt Ion:178 Resp: 30519
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.4
176 20.0 15.8 23.8



#16
Anthracene
Concen: 0.419 ng/ul
RT: 17.150 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BM048807.D
Acq: 19 Nov 2024 23:26

Tgt Ion:178 Resp: 30194
Ion Ratio Lower Upper
178 100
179 16.1 12.8 19.2
176 19.1 15.8 23.8

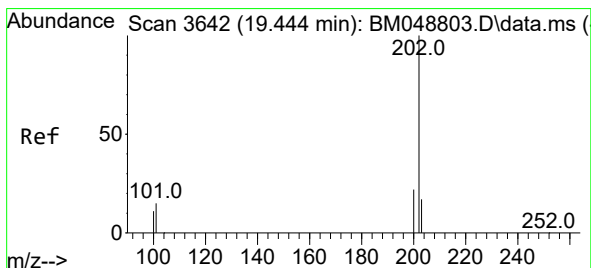
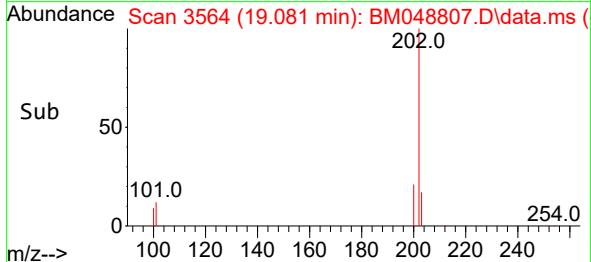
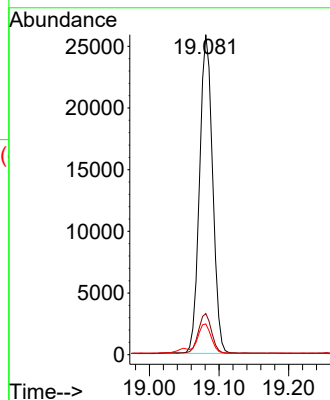
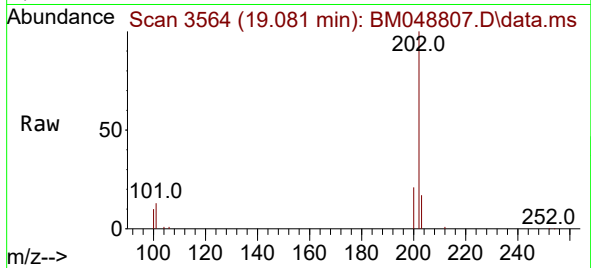




#19
Fluoranthene
Concen: 0.424 ng/ul
RT: 19.081 min Scan# 3564
Delta R.T. -0.000 min
Lab File: BM048807.D
Acq: 19 Nov 2024 23:26

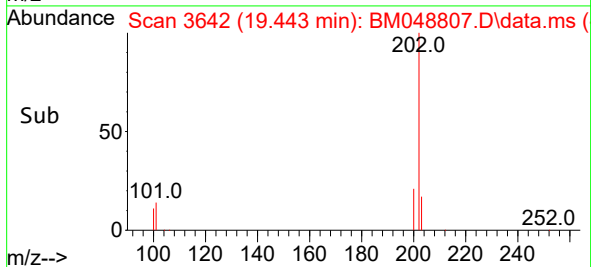
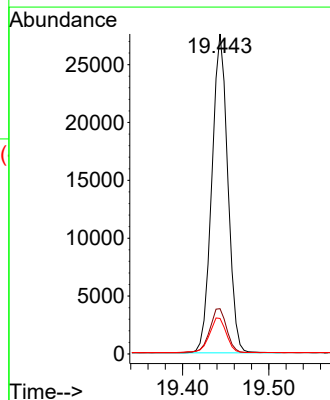
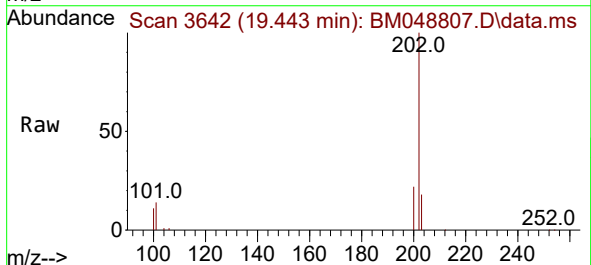
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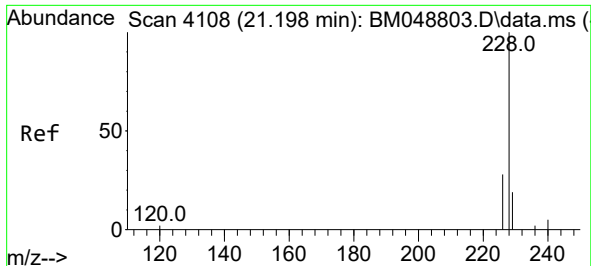
Tgt Ion:202 Resp: 33755
Ion Ratio Lower Upper
202 100
101 12.9 10.9 16.3
100 9.6 8.1 12.1



#20
Pyrene
Concen: 0.418 ng/ul
RT: 19.443 min Scan# 3642
Delta R.T. -0.000 min
Lab File: BM048807.D
Acq: 19 Nov 2024 23:26

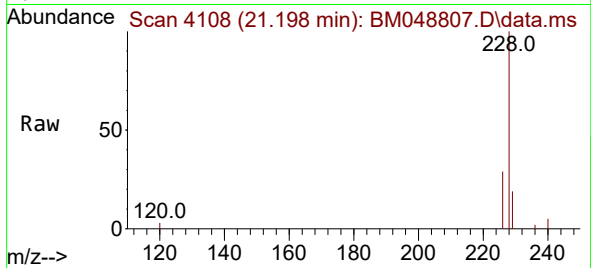
Tgt Ion:202 Resp: 35499
Ion Ratio Lower Upper
202 100
101 14.1 12.3 18.5
100 11.1 9.5 14.3



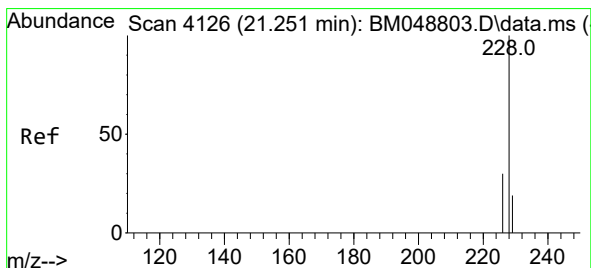
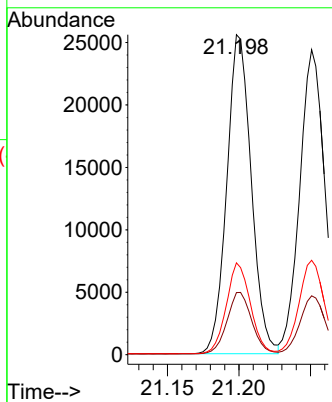
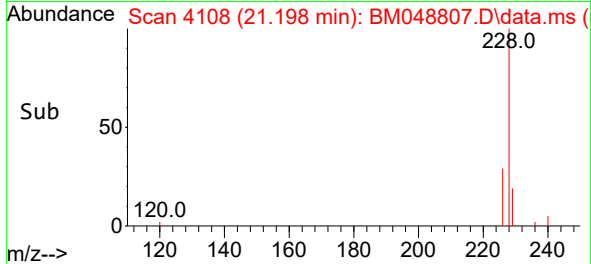


#21
Benzo(a)anthracene
Concen: 0.411 ng/ul
RT: 21.198 min Scan# 4108
Delta R.T. -0.000 min
Lab File: BM048807.D
Acq: 19 Nov 2024 23:26

Instrument :
BNA_M
ClientSampleId :
SICV047

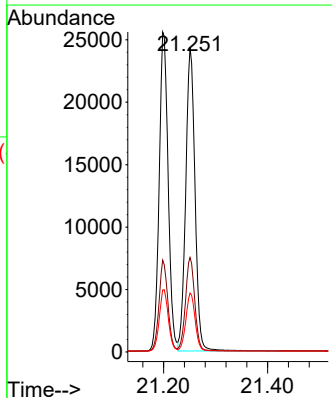
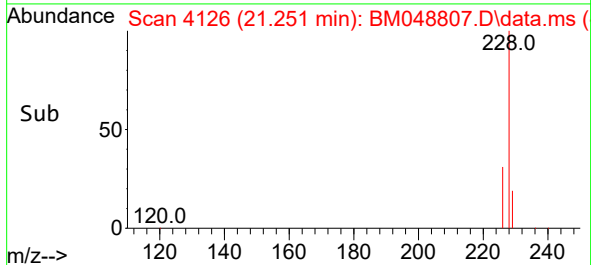
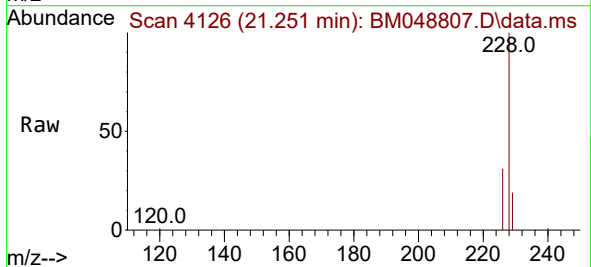


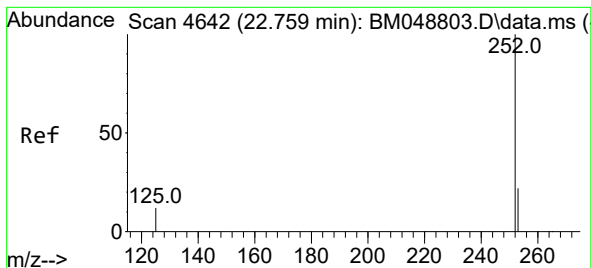
Tgt Ion:228 Resp: 30501
Ion Ratio Lower Upper
228 100
229 19.4 15.2 22.8
226 28.7 22.5 33.7



#22
Chrysene
Concen: 0.426 ng/ul
RT: 21.251 min Scan# 4126
Delta R.T. -0.000 min
Lab File: BM048807.D
Acq: 19 Nov 2024 23:26

Tgt Ion:228 Resp: 30127
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.4
229 19.3 15.6 23.4





#24

Benzo(b)fluoranthene

Concen: 0.426 ng/ul

RT: 22.759 min Scan# 4642

Delta R.T. -0.000 min

Lab File: BM048807.D

Acq: 19 Nov 2024 23:26

Instrument :

BNA_M

ClientSampleId :

SICV047

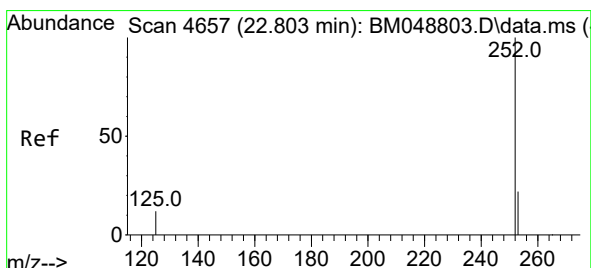
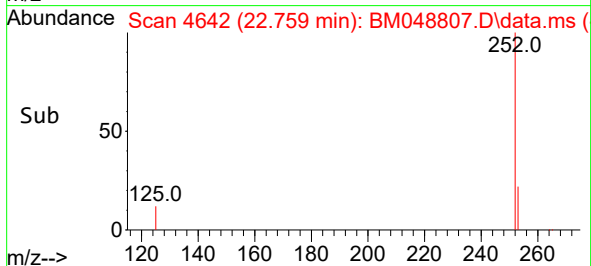
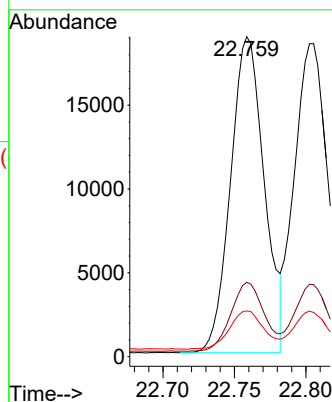
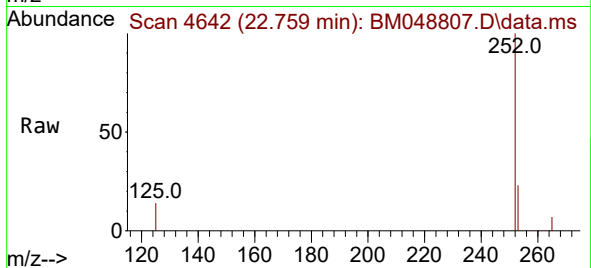
Tgt Ion:252 Resp: 30880

Ion Ratio Lower Upper

252 100

253 23.3 0.0 46.4

125 14.3 0.0 29.8



#25

Benzo(k)fluoranthene

Concen: 0.436 ng/ul

RT: 22.802 min Scan# 4657

Delta R.T. -0.000 min

Lab File: BM048807.D

Acq: 19 Nov 2024 23:26

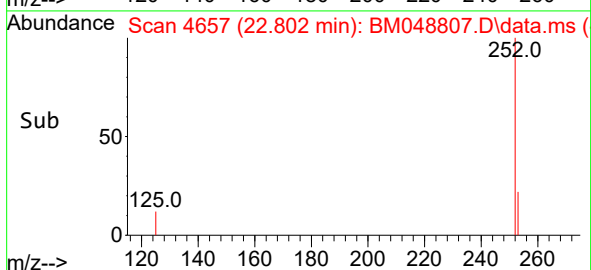
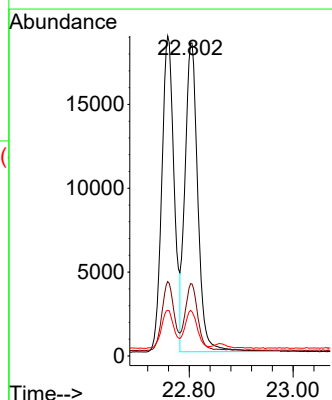
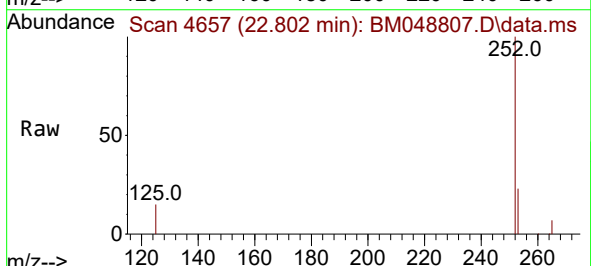
Tgt Ion:252 Resp: 31523

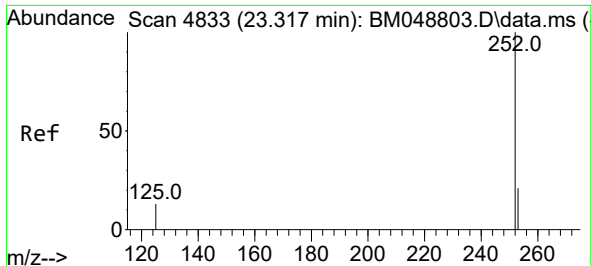
Ion Ratio Lower Upper

252 100

253 23.1 18.7 28.1

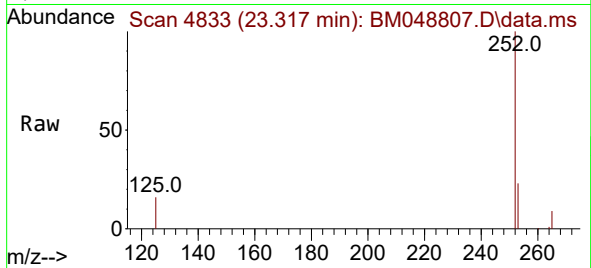
125 14.6 12.0 18.0



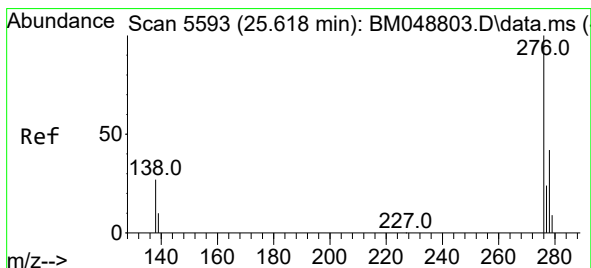
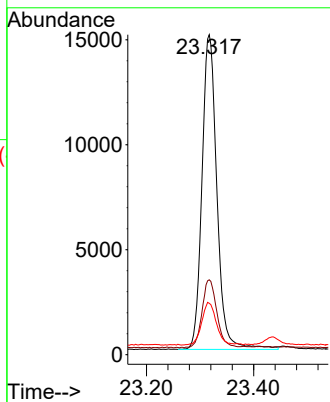
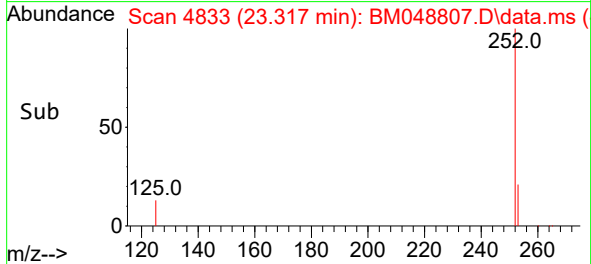


#26
Benzo(a)pyrene
Concen: 0.432 ng/ul
RT: 23.317 min Scan# 4833
Delta R.T. -0.000 min
Lab File: BM048807.D
Acq: 19 Nov 2024 23:26

Instrument :
BNA_M
ClientSampleId :
SICV047

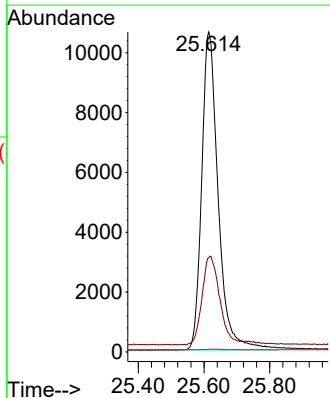
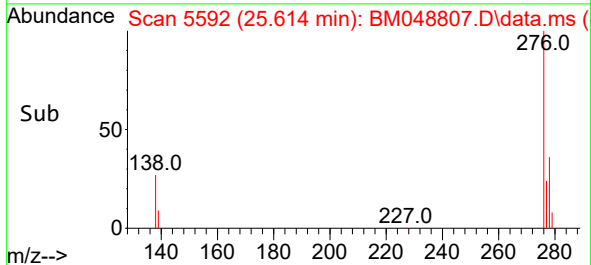
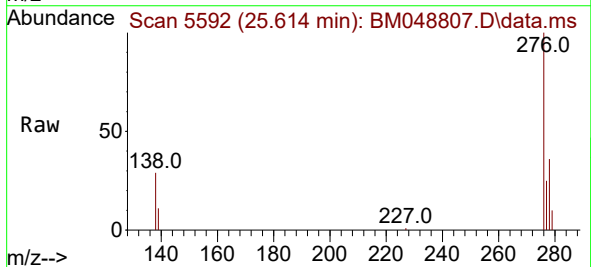


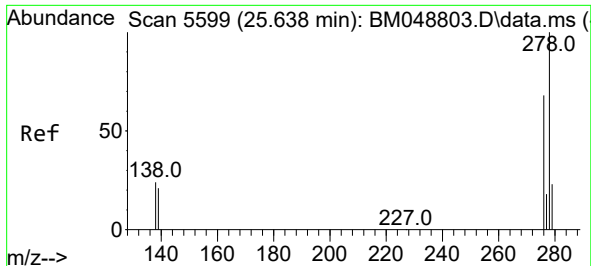
Tgt Ion:252 Resp: 28981
Ion Ratio Lower Upper
252 100
253 23.4 18.5 27.7
125 16.1 13.6 20.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.418 ng/ul
RT: 25.614 min Scan# 5592
Delta R.T. -0.004 min
Lab File: BM048807.D
Acq: 19 Nov 2024 23:26

Tgt Ion:276 Resp: 37088
Ion Ratio Lower Upper
276 100
138 30.9 23.6 35.4
227 0.0 0.0 0.0#

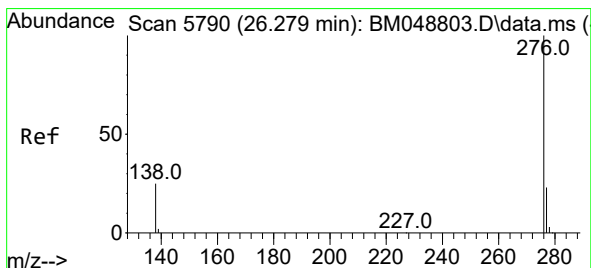
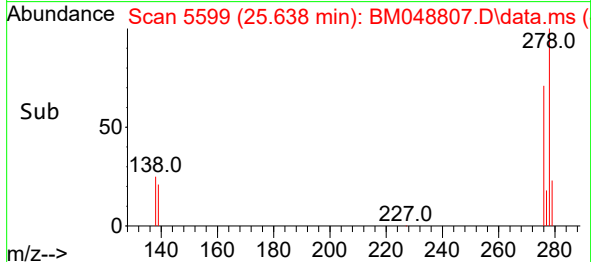
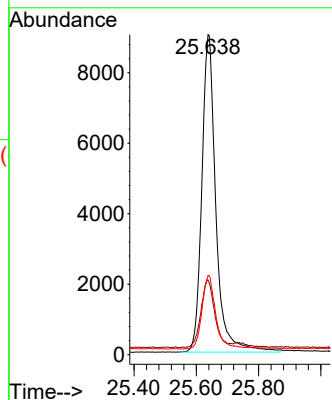
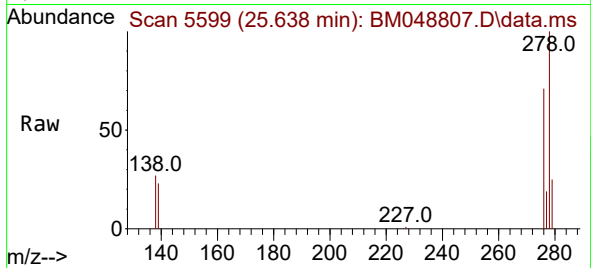




#28
Dibenzo(a,h)anthracene
Concen: 0.425 ng/ul
RT: 25.638 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM048807.D
Acq: 19 Nov 2024 23:26

Instrument :
BNA_M
ClientSampleId :
SICV047

Tgt Ion:278 Resp: 28111
Ion Ratio Lower Upper
278 100
139 23.3 19.5 29.3
279 24.7 19.9 29.9



#29
Benzo(g,h,i)perylene
Concen: 0.424 ng/ul
RT: 26.275 min Scan# 5789
Delta R.T. -0.004 min
Lab File: BM048807.D
Acq: 19 Nov 2024 23:26

Tgt Ion:276 Resp: 29915
Ion Ratio Lower Upper
276 100
138 28.2 23.4 35.0
277 23.6 19.3 28.9

