

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046235.D
 Acq On : 23 Jun 2024 15:03
 Operator : MA/JU
 Sample : P2776-13
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 24 02:31:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 02:25:34 2024
 Response via : Initial Calibration

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

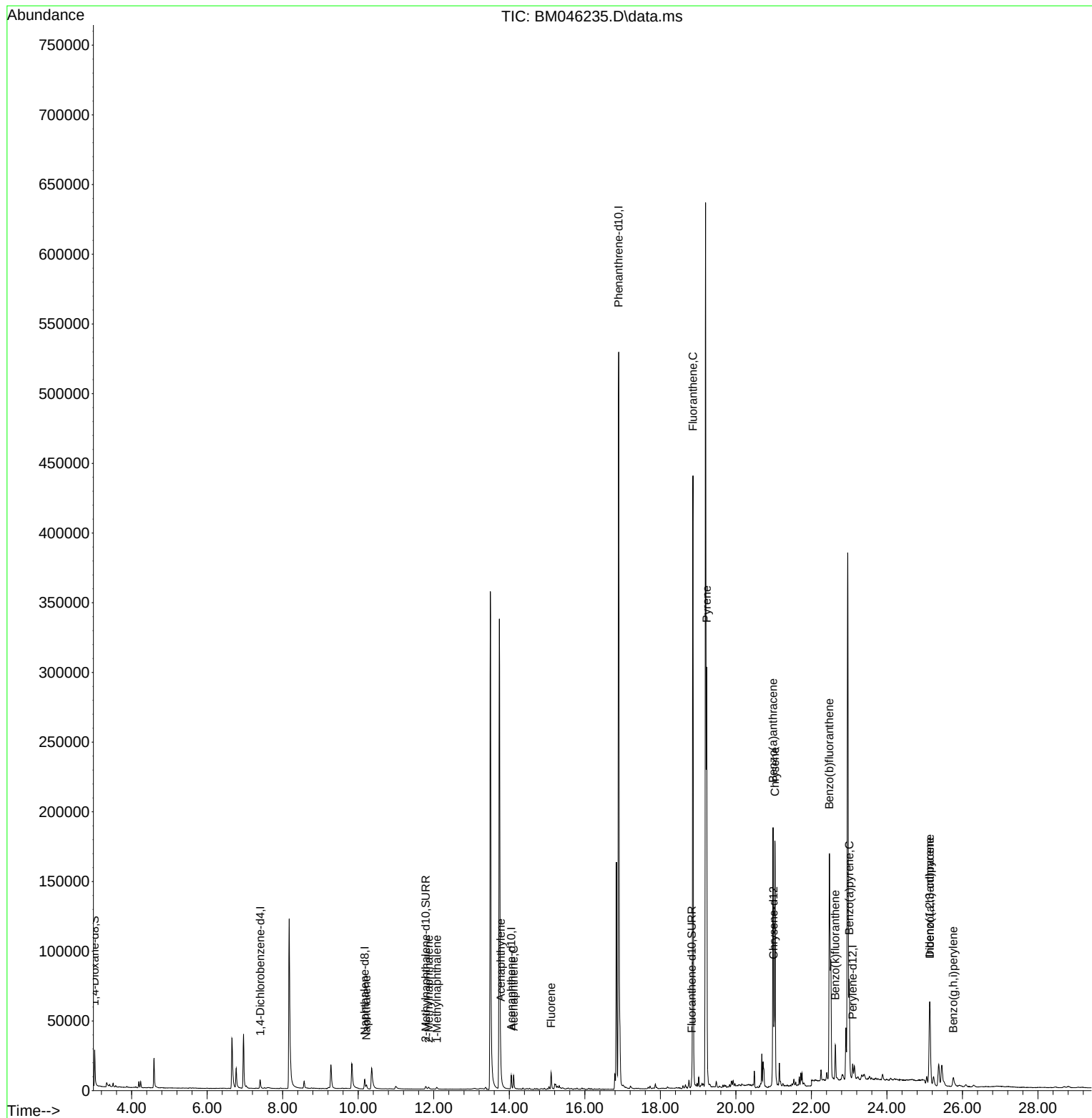
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.405	152	3503	0.400	ng/ul	#-0.06
4) Naphthalene-d8	10.172	136	10772	0.400	ng/ul	#-0.08
9) Acenaphthene-d10	14.053	164	5922	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.896	188	611282	0.400	ng/ul	# 0.04
17) Chrysene-d12	21.000	240	8433	0.400	ng/ul	-0.04
23) Perylene-d12	23.095	264	14152	0.400	ng/ul	#-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	14709	3.061	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.789	152	3595	0.249	ng/ul	-0.08
18) Fluoranthene-d10	18.830	212	8109	0.321	ng/ul	-0.05
Target Compounds					Qvalue	
5) Naphthalene	10.216	128	4362	0.145	ng/ul	98
7) 2-Methylnaphthalene	11.866	142	1414	0.084	ng/ul	100
8) 1-Methylnaphthalene	12.080	142	1310	0.071	ng/ul	98
10) Acenaphthylene	13.771	152	10415	0.371	ng/ul	98
11) Acenaphthene	14.114	153	6605	0.326	ng/ul	98
12) Fluorene	15.108	166	8202	0.377	ng/ul	100
19) Fluoranthene	18.863	202	381864	10.458	ng/ul	95
20) Pyrene	19.225	202	252686	6.399	ng/ul	96
21) Benzo(a)anthracene	20.985	228	157881	4.847	ng/ul	100
22) Chrysene	21.035	228	172501	4.150	ng/ul	100
24) Benzo(b)fluoranthene	22.475	252	329944	6.471	ng/ul	82
25) Benzo(k)fluoranthene	22.633	252	26091	0.430	ng/ul	98
26) Benzo(a)pyrene	23.001	252	83722	1.772	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.132	276	88314	1.142	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.135	278	28337	0.492	ng/ul	97
29) Benzo(g,h,i)perylene	25.759	276	13453	0.203	ng/ul	93

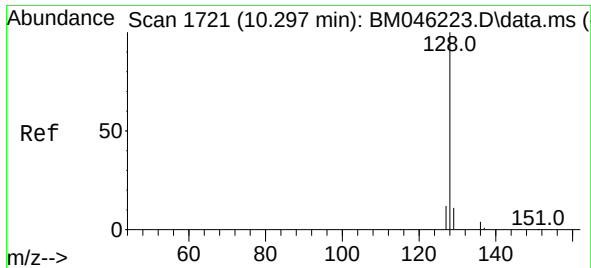
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BM046235.D
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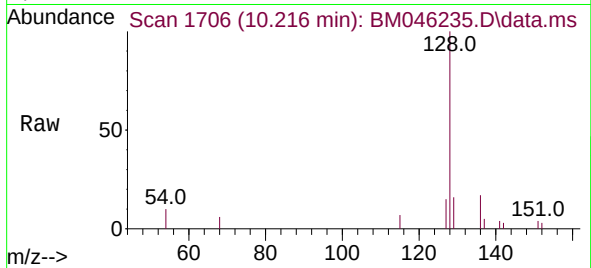
Quant Time: Jun 24 02:31:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
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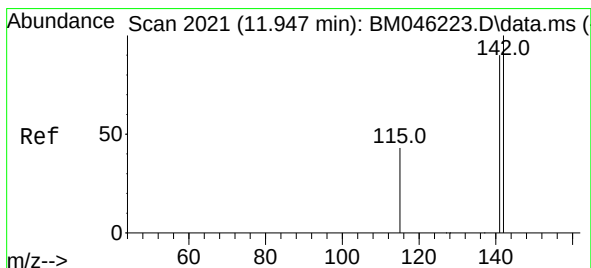
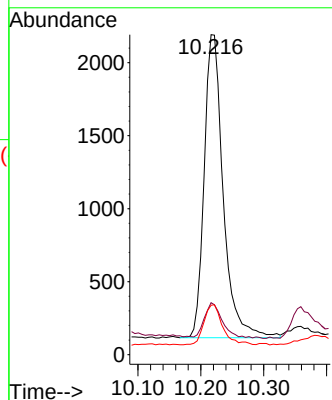
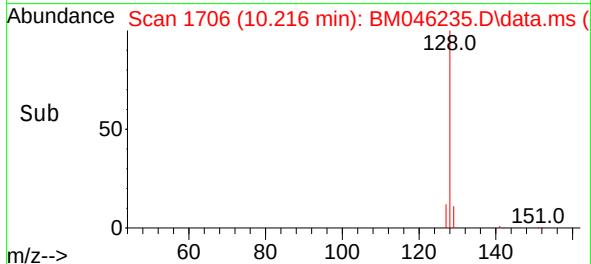


#5
Naphthalene
Concen: 0.145 ng/ul
RT: 10.216 min Scan# 1
Delta R.T. -0.087 min
Lab File: BM046235.D
Acq: 23 Jun 2024 15:03

Instrument :
BNA_M
ClientSampleId :

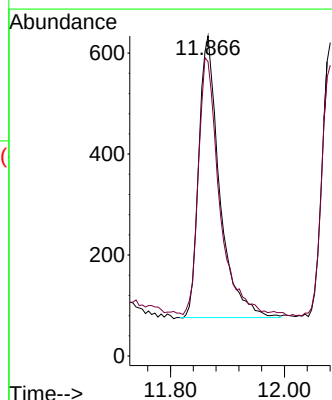
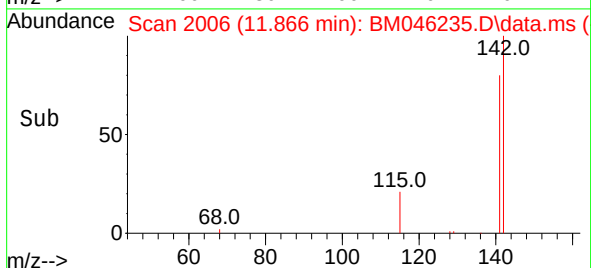
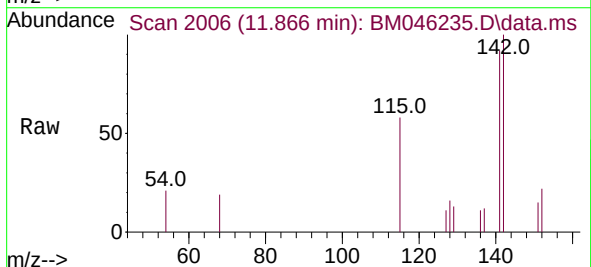


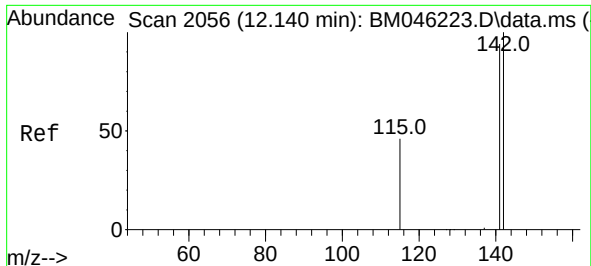
Tgt Ion:128 Resp: 4362
Ion Ratio Lower Upper
128 100
129 16.2 11.8 17.6
127 15.4 12.8 19.2



#7
2-Methylnaphthalene
Concen: 0.084 ng/ul
RT: 11.866 min Scan# 2006
Delta R.T. -0.081 min
Lab File: BM046235.D
Acq: 23 Jun 2024 15:03

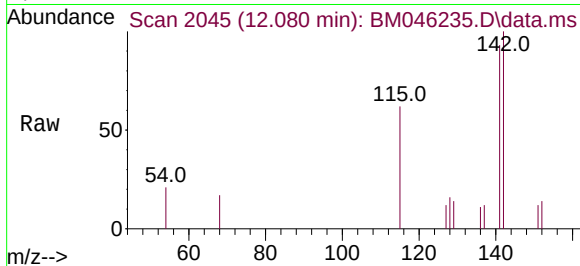
Tgt Ion:142 Resp: 1414
Ion Ratio Lower Upper
142 100
141 93.4 74.6 111.8



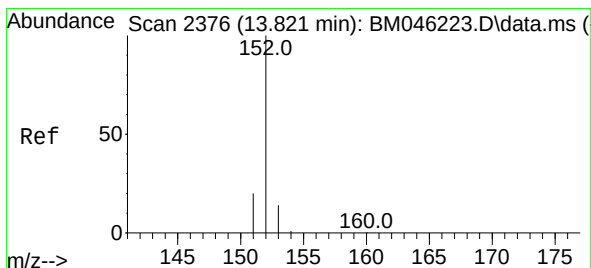
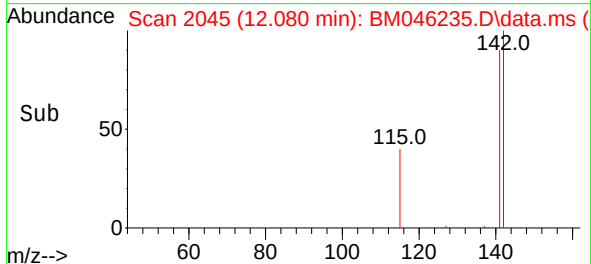
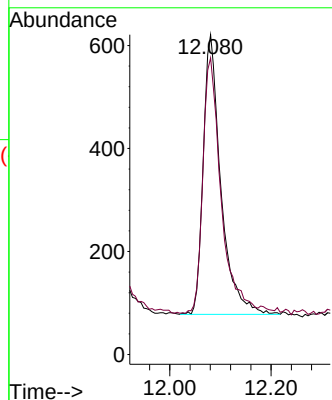


#8
1-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.080 min Scan# 2056
Delta R.T. -0.070 min
Lab File: BM046235.D
Acq: 23 Jun 2024 15:03

Instrument :
BNA_M
ClientSampleId :

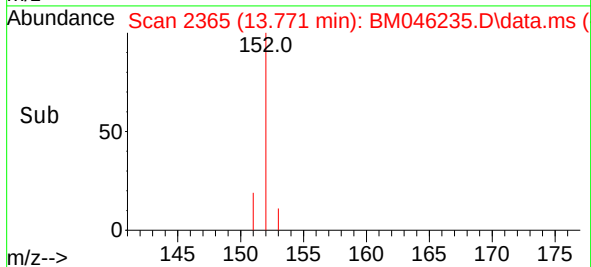
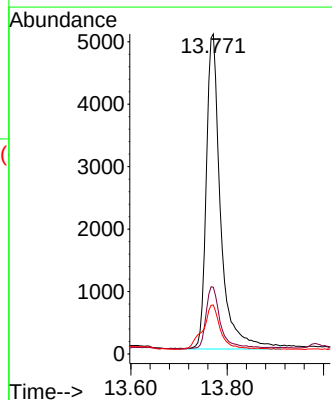
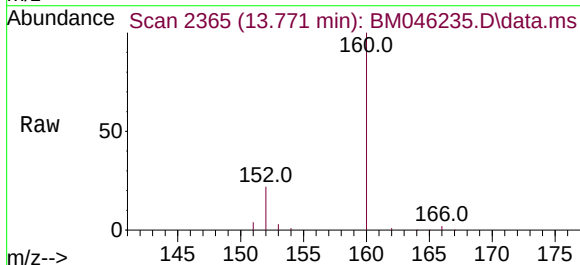


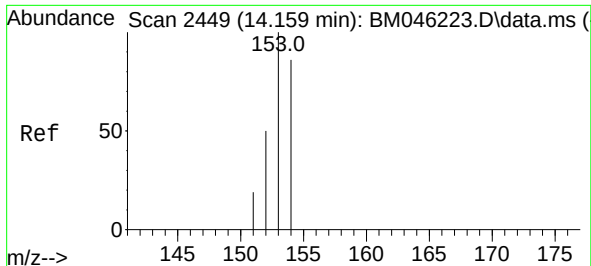
Tgt Ion:142 Resp: 1310
Ion Ratio Lower Upper
142 100
141 95.9 75.2 112.8



#10
Acenaphthylene
Concen: 0.371 ng/ul
RT: 13.771 min Scan# 2365
Delta R.T. -0.063 min
Lab File: BM046235.D
Acq: 23 Jun 2024 15:03

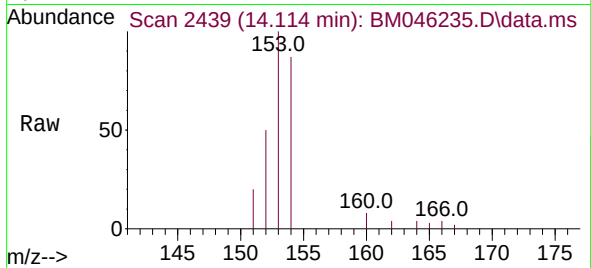
Tgt Ion:152 Resp: 10415
Ion Ratio Lower Upper
152 100
151 20.9 17.4 26.2
153 15.3 11.8 17.8



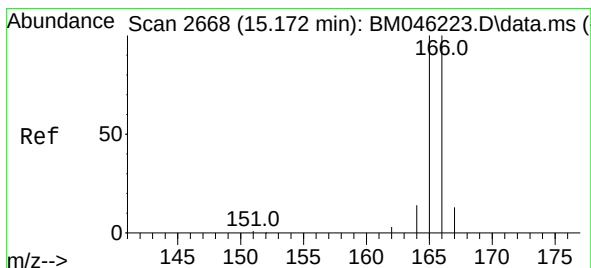
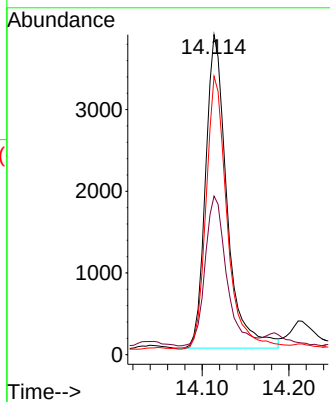
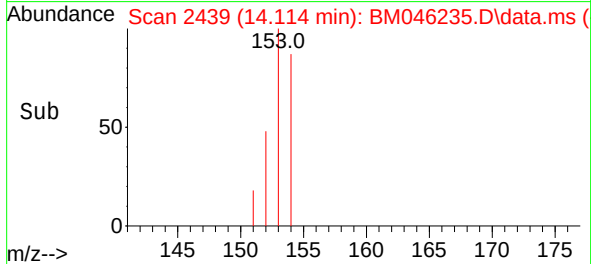


#11
Acenaphthene
Concen: 0.326 ng/ul
RT: 14.114 min Scan# 2439
Delta R.T. -0.059 min
Lab File: BM046235.D
Acq: 23 Jun 2024 15:03

Instrument :
BNA_M
ClientSampleId :

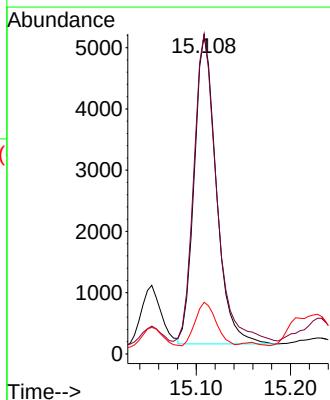
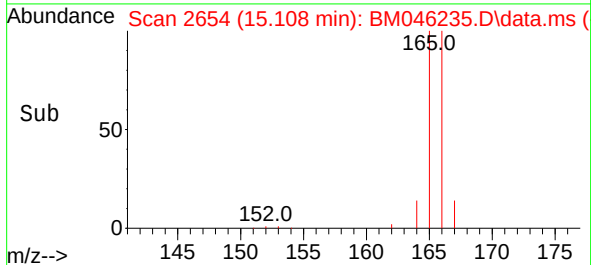
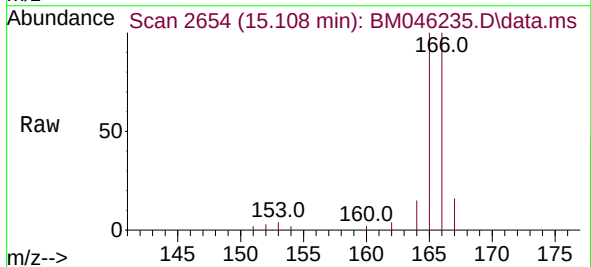


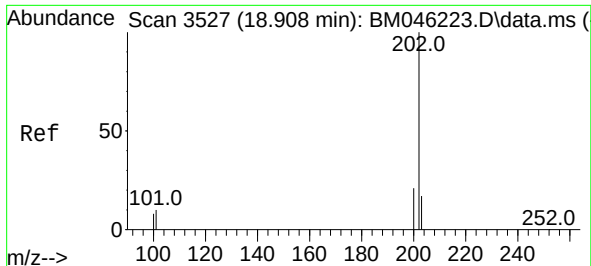
Tgt Ion:153 Resp: 6605
Ion Ratio Lower Upper
153 100
152 49.6 41.3 61.9
154 87.0 68.2 102.4



#12
Fluorene
Concen: 0.377 ng/ul
RT: 15.108 min Scan# 2654
Delta R.T. -0.073 min
Lab File: BM046235.D
Acq: 23 Jun 2024 15:03

Tgt Ion:166 Resp: 8202
Ion Ratio Lower Upper
166 100
165 100.5 80.4 120.6
167 16.2 12.4 18.6





#19

Fluoranthene

Concen: 10.458 ng/ul

RT: 18.863 min Scan# 3517

Delta R.T. -0.054 min

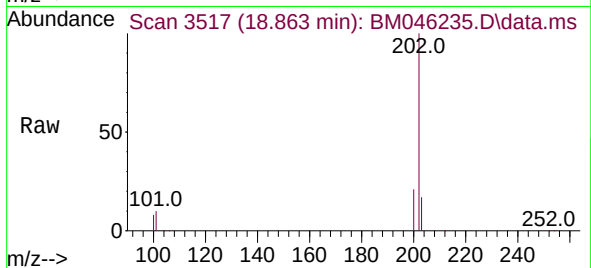
Lab File: BM046235.D

Acq: 23 Jun 2024 15:03

Instrument :

BNA_M

ClientSampleId :



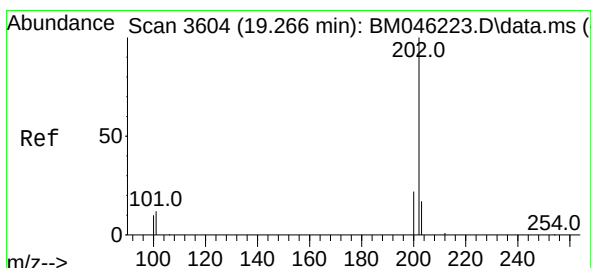
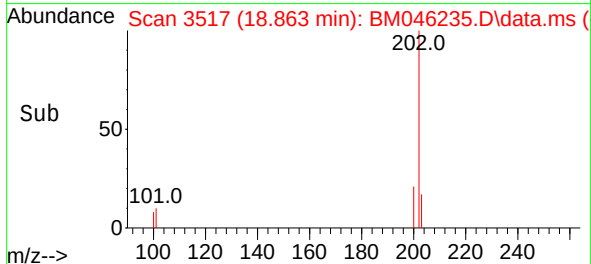
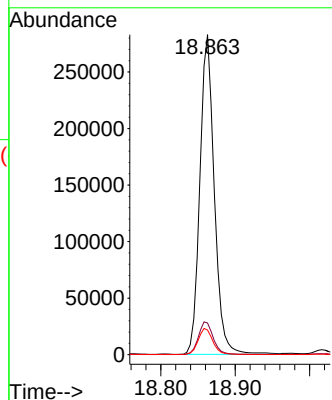
Tgt Ion:202 Resp: 381864

Ion Ratio Lower Upper

202 100

101 9.9 9.6 14.4

100 7.7 7.6 11.4



#20

Pyrene

Concen: 6.399 ng/ul

RT: 19.225 min Scan# 3595

Delta R.T. -0.050 min

Lab File: BM046235.D

Acq: 23 Jun 2024 15:03

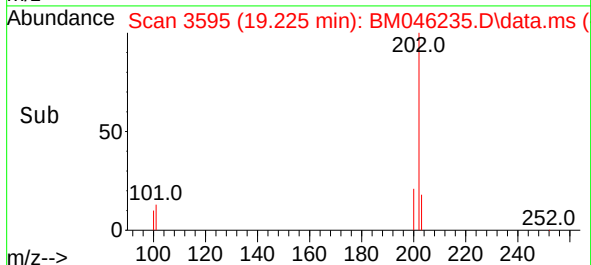
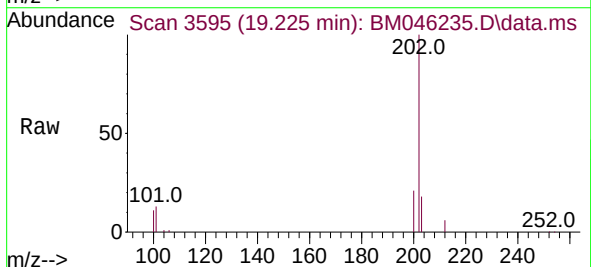
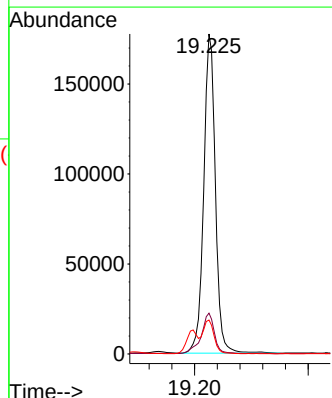
Tgt Ion:202 Resp: 252686

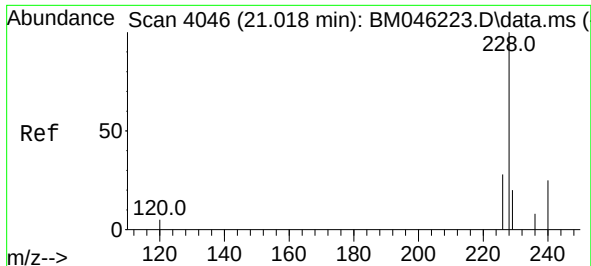
Ion Ratio Lower Upper

202 100

101 12.7 11.3 16.9

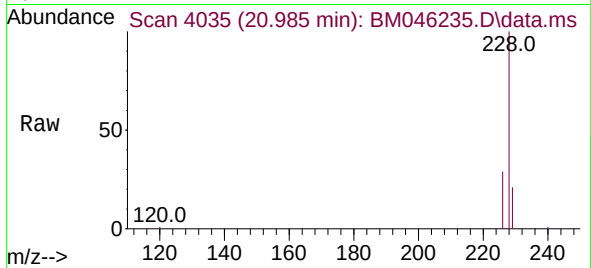
100 10.6 9.8 14.6



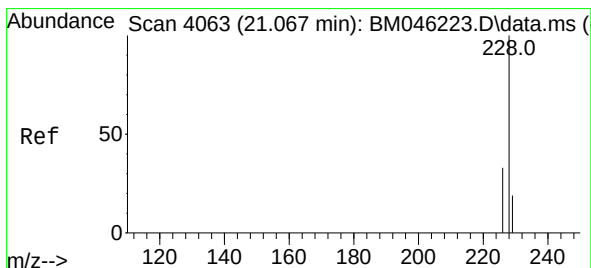
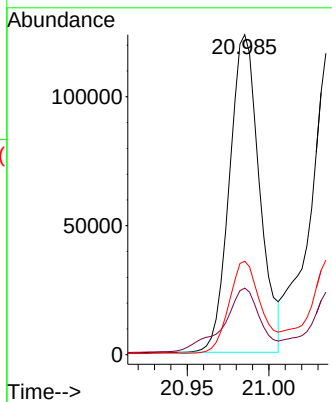
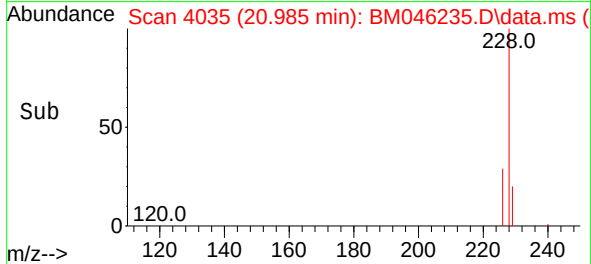


#21
Benzo(a)anthracene
Concen: 4.847 ng/ul
RT: 20.985 min Scan# 4035
Delta R.T. -0.044 min
Lab File: BM046235.D
Acq: 23 Jun 2024 15:03

Instrument :
BNA_M
ClientSampleId :

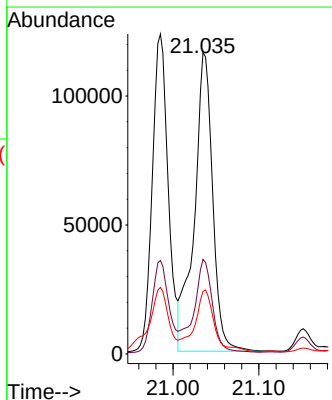
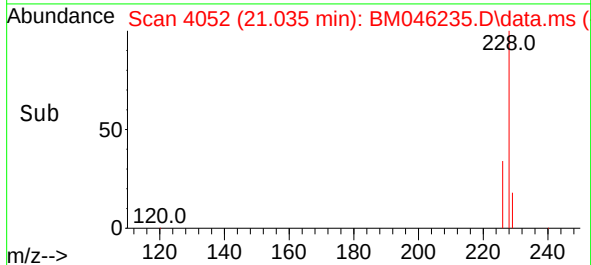
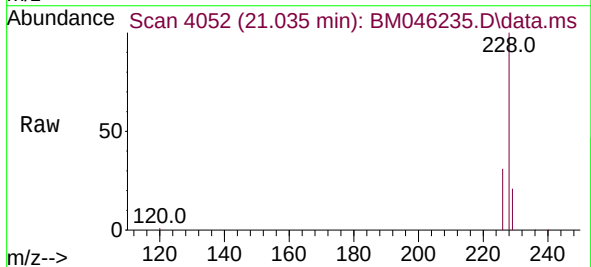


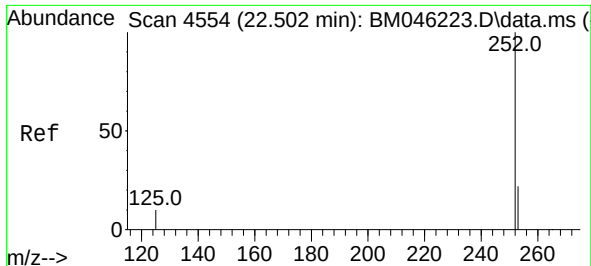
Tgt Ion:228 Resp: 157881
Ion Ratio Lower Upper
228 100
229 20.8 16.4 24.6
226 29.2 23.4 35.2



#22
Chrysene
Concen: 4.150 ng/ul
RT: 21.035 min Scan# 4052
Delta R.T. -0.041 min
Lab File: BM046235.D
Acq: 23 Jun 2024 15:03

Tgt Ion:228 Resp: 172501
Ion Ratio Lower Upper
228 100
226 31.4 25.2 37.8
229 20.8 16.3 24.5





#24

Benzo(b)fluoranthene

Concen: 6.471 ng/ul

RT: 22.475 min Scan# 4545

Delta R.T. -0.044 min

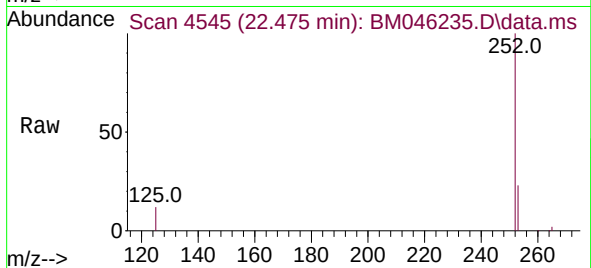
Lab File: BM046235.D

Acq: 23 Jun 2024 15:03

Instrument :

BNA_M

ClientSampleId :



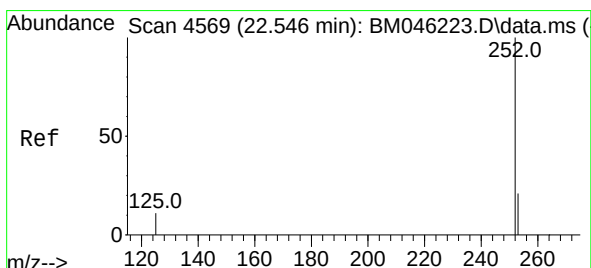
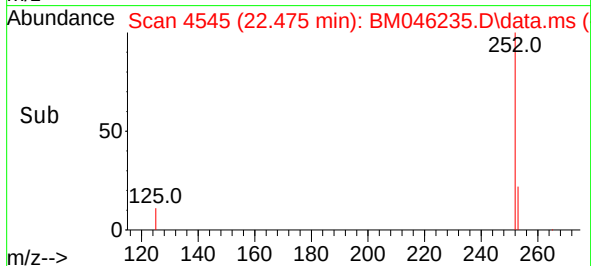
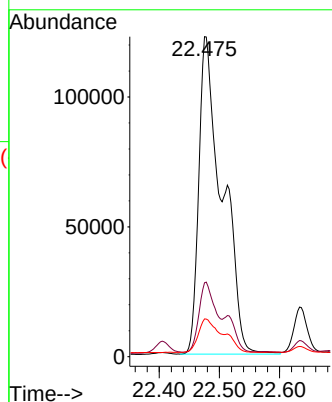
Tgt Ion:252 Resp: 329944

Ion Ratio Lower Upper

252 100

253 23.1 0.0 65.8

125 11.8 0.0 40.2



#25

Benzo(k)fluoranthene

Concen: 0.430 ng/ul

RT: 22.633 min Scan# 4599

Delta R.T. 0.070 min

Lab File: BM046235.D

Acq: 23 Jun 2024 15:03

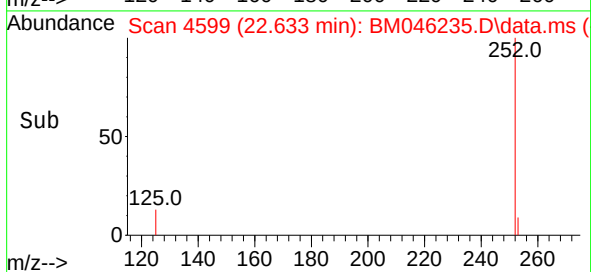
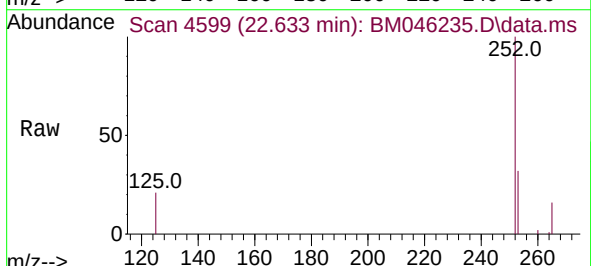
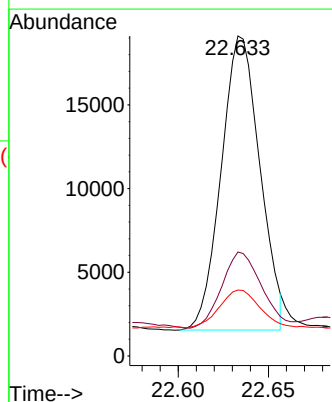
Tgt Ion:252 Resp: 26091

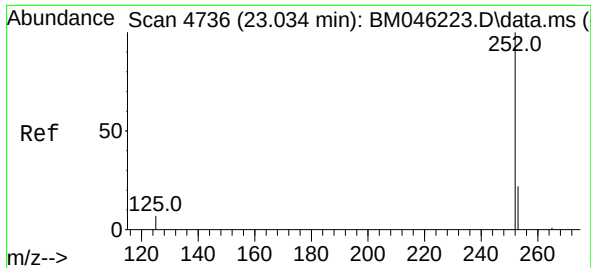
Ion Ratio Lower Upper

252 100

253 32.5 27.2 40.8

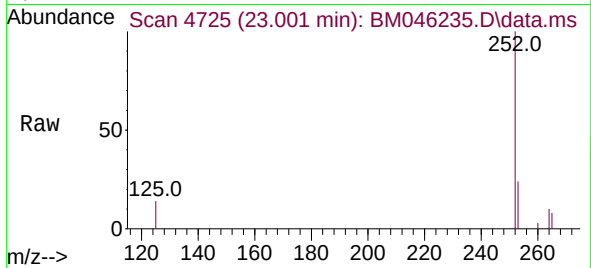
125 20.6 16.6 25.0



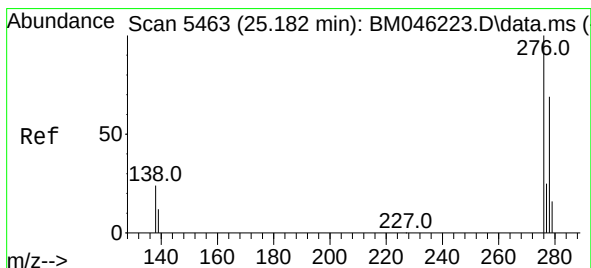
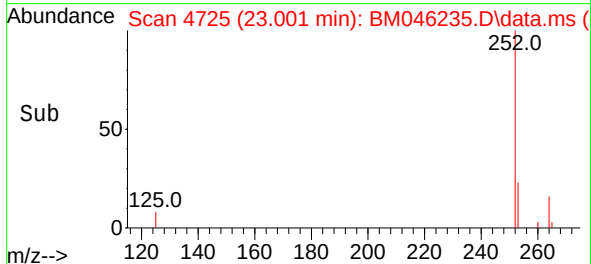
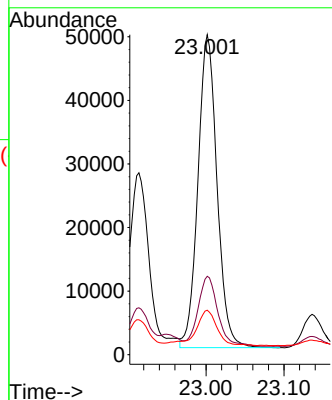


#26
Benzo(a)pyrene
Concen: 1.772 ng/ul
RT: 23.001 min Scan# 41
Delta R.T. -0.053 min
Lab File: BM046235.D
Acq: 23 Jun 2024 15:03

Instrument :
BNA_M
ClientSampleId :

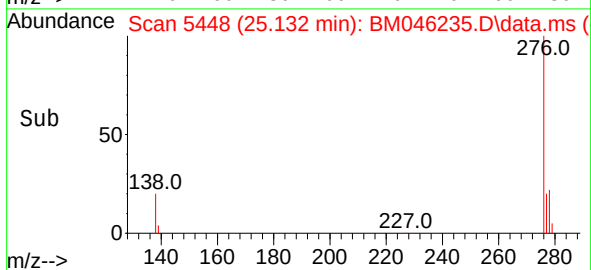
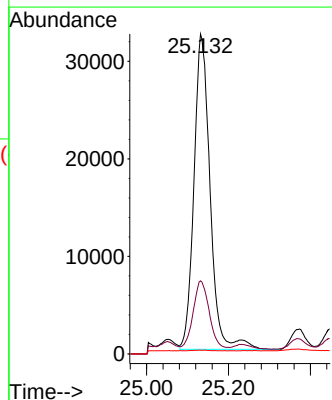
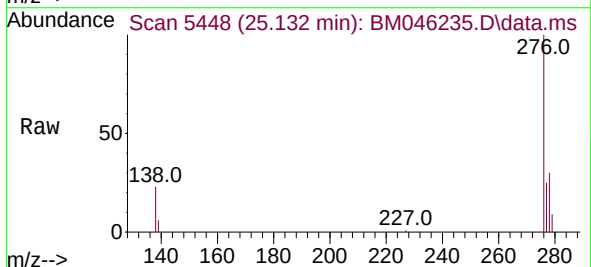


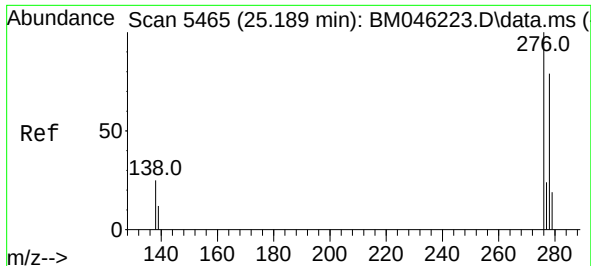
Tgt Ion:252 Resp: 83722
Ion Ratio Lower Upper
252 100
253 24.5 32.1 48.1#
125 13.9 21.2 31.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.142 ng/ul
RT: 25.132 min Scan# 5448
Delta R.T. -0.071 min
Lab File: BM046235.D
Acq: 23 Jun 2024 15:03

Tgt Ion:276 Resp: 88314
Ion Ratio Lower Upper
276 100
138 22.3 21.0 31.4
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.492 ng/ul

RT: 25.135 min Scan# 54

Delta R.T. -0.081 min

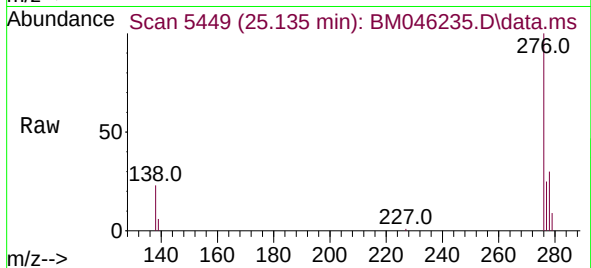
Lab File: BM046235.D

Acq: 23 Jun 2024 15:03

Instrument :

BNA_M

ClientSampleId :



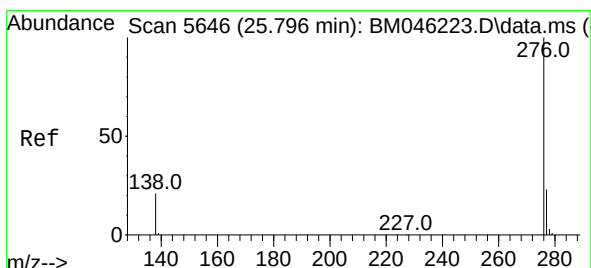
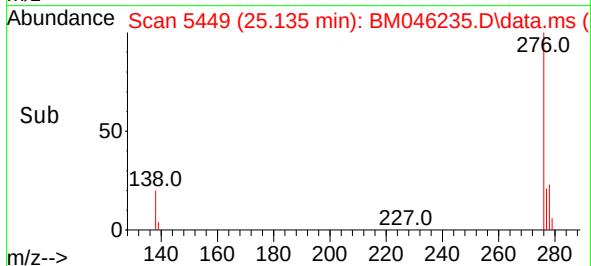
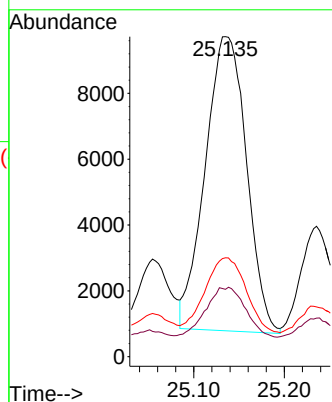
Tgt Ion:278 Resp: 28337

Ion Ratio Lower Upper

278 100

139 21.0 17.6 26.4

279 30.9 26.3 39.5



#29

Benzo(g,h,i)perylene

Concen: 0.203 ng/ul

RT: 25.759 min Scan# 5635

Delta R.T. -0.071 min

Lab File: BM046235.D

Acq: 23 Jun 2024 15:03

Tgt Ion:276 Resp: 13453

Ion Ratio Lower Upper

276 100

138 29.6 21.7 32.5

277 30.1 20.4 30.6

