

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020124\
 Data File : BM043950.D
 Acq On : 01 Feb 2024 17:00
 Operator : MA/JU
 Sample : P1239-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FC3

Quant Time: Feb 01 23:54:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 22:50:05 2024
 Response via : Initial Calibration

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

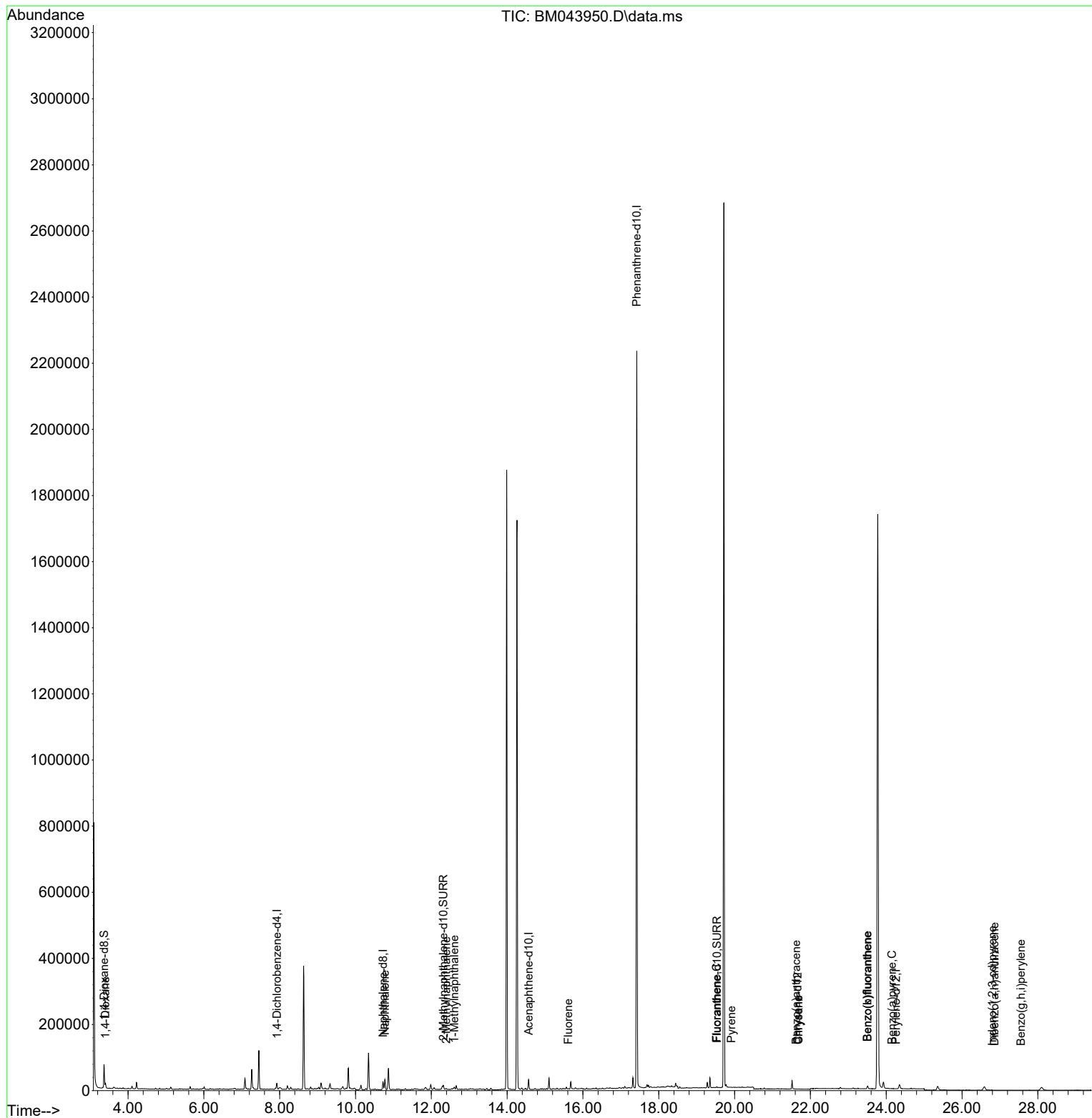
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	9289	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	28701	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.566	164	16436	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.419	188	2553769	0.400	ng/ul	0.10
17) Chrysene-d12	21.660	240	12	0.400	ng/ul #	0.14
23) Perylene-d12	24.259	264	33	0.400	ng/ul #	0.33
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	45724	3.826	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	15579	0.414	ng/ul	0.00
18) Fluoranthene-d10	19.535	212	531	14.090	ng/ul	0.19
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.403	88	6788	0.541	ng/ul#	69
5) Naphthalene	10.776	128	40583	0.493	ng/ul	98
7) 2-Methylnaphthalene	12.393	142	1409	0.029	ng/ul	92
8) 1-Methylnaphthalene	12.607	142	3419	0.070	ng/ul	99
12) Fluorene	15.611	166	1661	0.024	ng/ul#	66
19) Fluoranthene	19.521	202	622	11.255	ng/ul#	1
20) Pyrene	19.916	202	375	6.598	ng/ul#	7
21) Benzo(a)anthracene	21.625	228	30	0.599	ng/ul#	1
22) Chrysene	21.687	228	29	0.552	ng/ul#	1
24) Benzo(b)fluoranthene	23.505	252	805	6.378	ng/ul#	1
25) Benzo(k)fluoranthene	23.505	252	851	6.477	ng/ul#	1
26) Benzo(a)pyrene	24.151	252	61	0.531	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.796	276	18	0.122	ng/ul#	1
28) Dibenzo(a,h)anthracene	26.853	278	9	0.076	ng/ul#	1
29) Benzo(g,h,i)perylene	27.550	276	7	0.055	ng/ul#	1

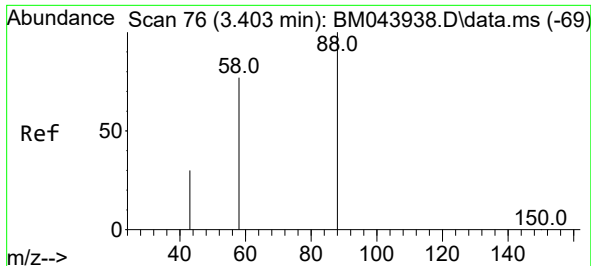
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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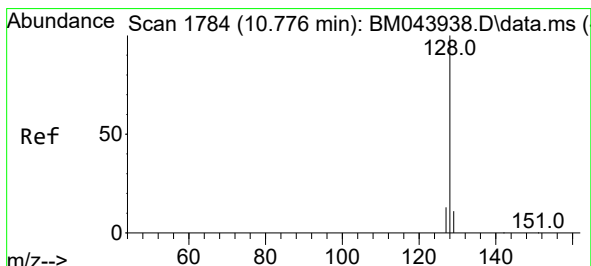
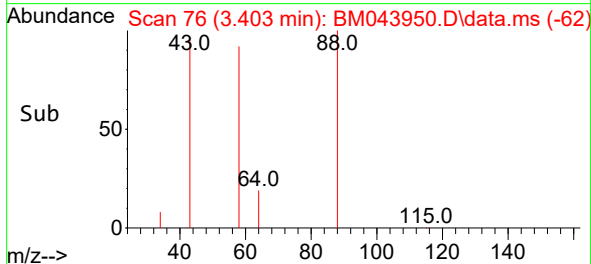
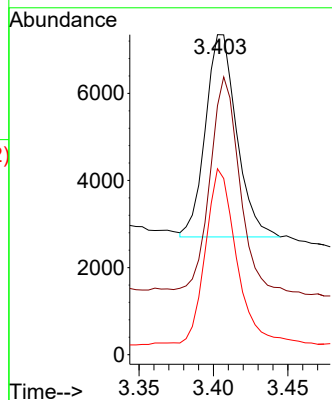
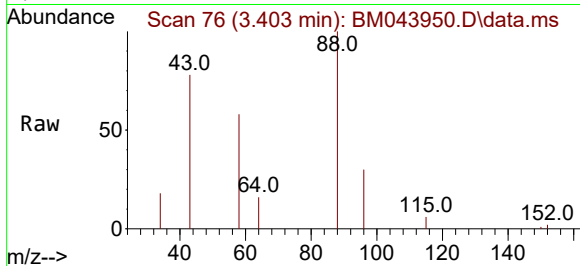




#2
1,4-Dioxane
Concen: 0.541 ng/ul
RT: 3.403 min Scan# 76
Delta R.T. -0.000 min
Lab File: BM043950.D
Acq: 01 Feb 2024 17:00

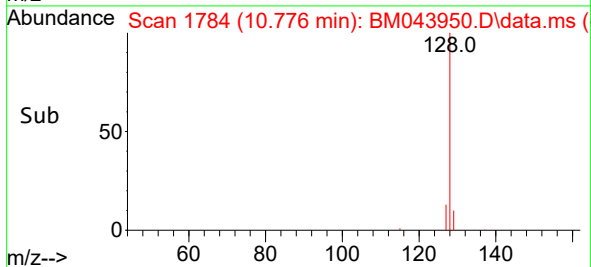
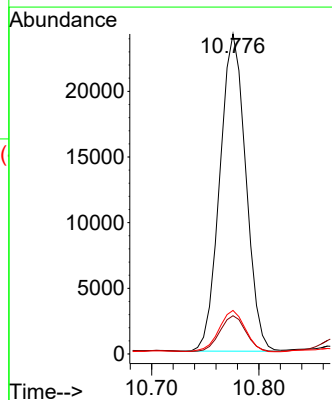
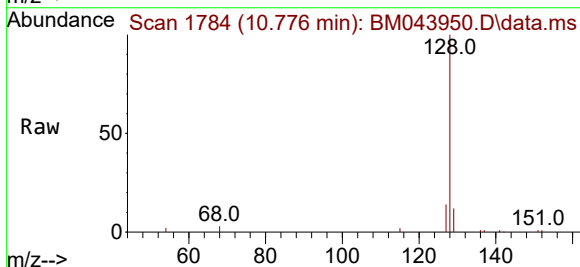
Instrument :
BNA_M
ClientSampleId :
C0FC3

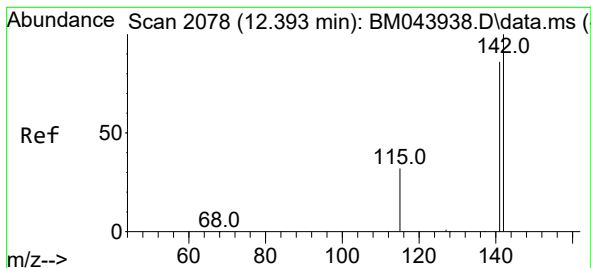
Tgt Ion: 88 Resp: 6788
Ion Ratio Lower Upper
88 100
43 77.8 27.1 40.7#
58 58.1 44.6 67.0



#5
Naphthalene
Concen: 0.493 ng/ul
RT: 10.776 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BM043950.D
Acq: 01 Feb 2024 17:00

Tgt Ion: 128 Resp: 40583
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 13.6 10.3 15.5

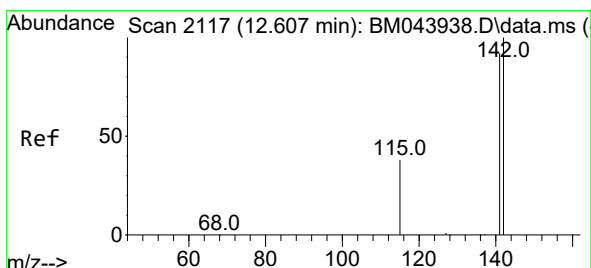
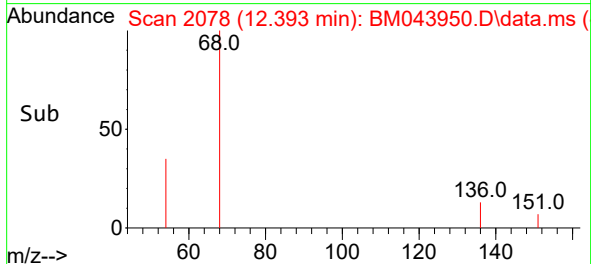
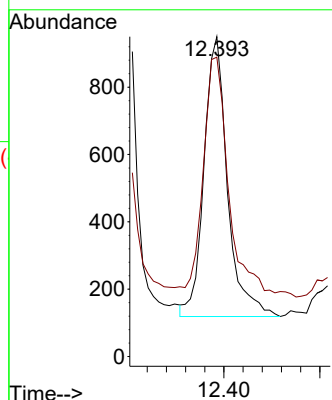
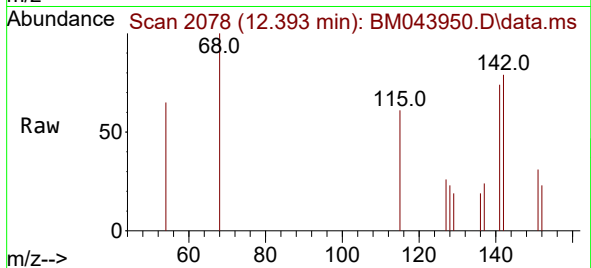




#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.393 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BM043950.D
Acq: 01 Feb 2024 17:00

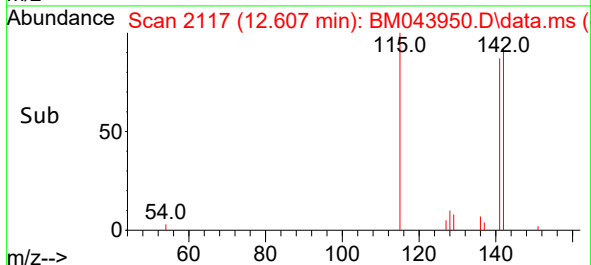
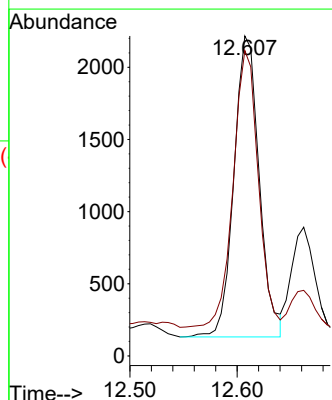
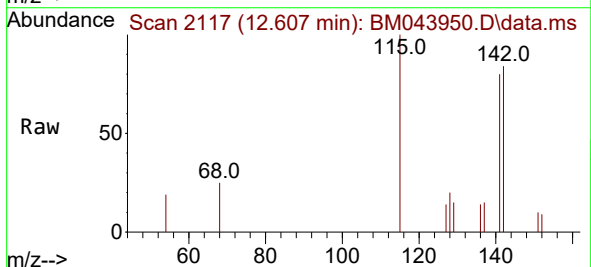
Instrument :
BNA_M
ClientSampleId :
C0FC3

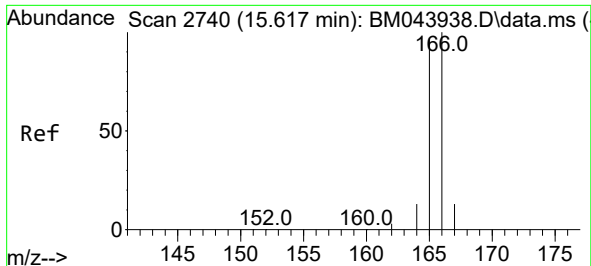
Tgt Ion:142 Resp: 1409
Ion Ratio Lower Upper
142 100
141 94.9 70.2 105.4



#8
1-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM043950.D
Acq: 01 Feb 2024 17:00

Tgt Ion:142 Resp: 3419
Ion Ratio Lower Upper
142 100
141 90.6 72.9 109.3

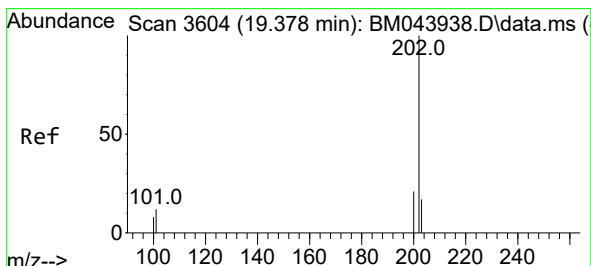
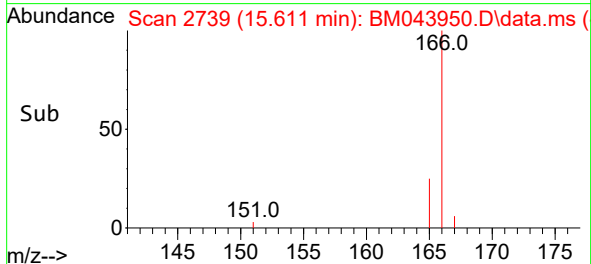
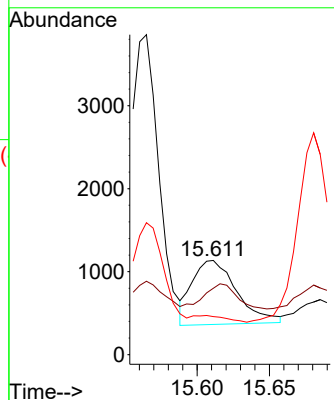
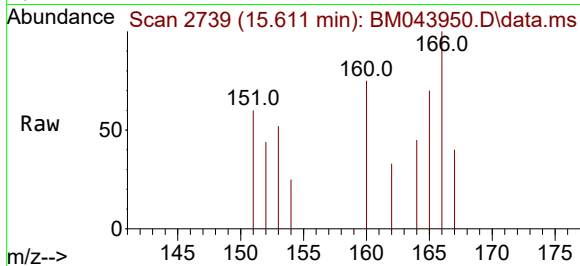




#12
Fluorene
Concen: 0.024 ng/ul
RT: 15.611 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM043950.D
Acq: 01 Feb 2024 17:00

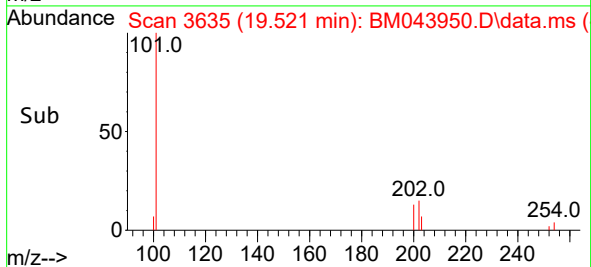
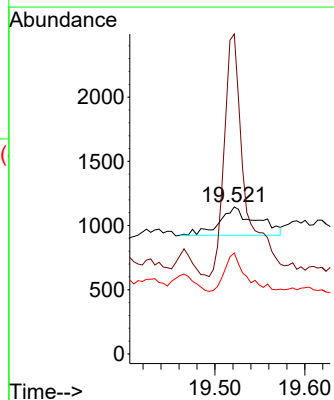
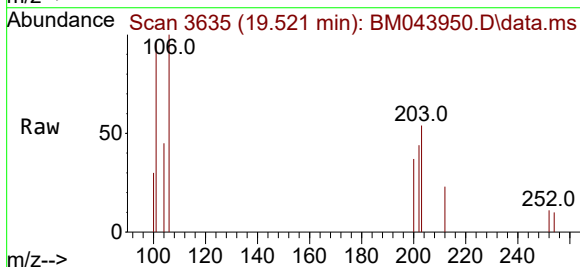
Instrument :
BNA_M
ClientSampleId :
C0FC3

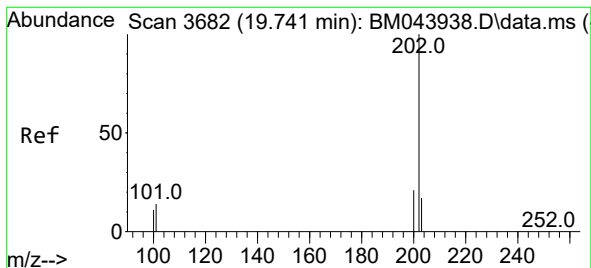
Tgt Ion:166 Resp: 1661
Ion Ratio Lower Upper
166 100
165 70.5 79.5 119.3#
167 40.4 10.9 16.3#



#19
Fluoranthene
Concen: 11.255 ng/ul
RT: 19.521 min Scan# 3635
Delta R.T. 0.139 min
Lab File: BM043950.D
Acq: 01 Feb 2024 17:00

Tgt Ion:202 Resp: 622
Ion Ratio Lower Upper
202 100
101 217.6 8.6 13.0#
100 68.6 6.4 9.6#





#20

Pyrene

Concen: 6.598 ng/ul

RT: 19.916 min Scan# 31

Delta R.T. 0.172 min

Lab File: BM043950.D

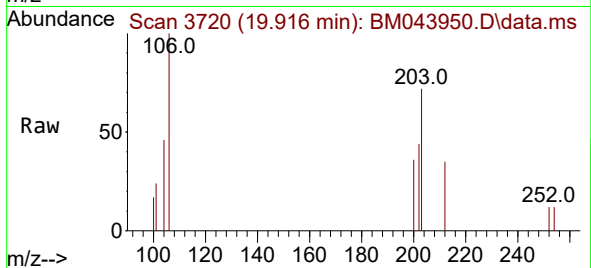
Acq: 01 Feb 2024 17:00

Instrument :

BNA_M

ClientSampleId :

C0FC3



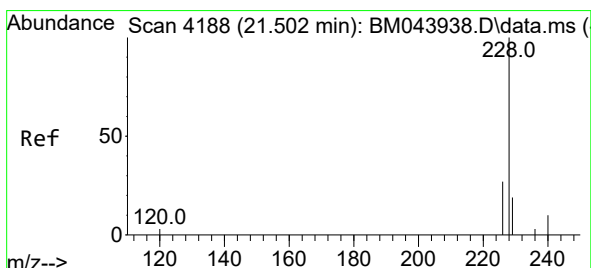
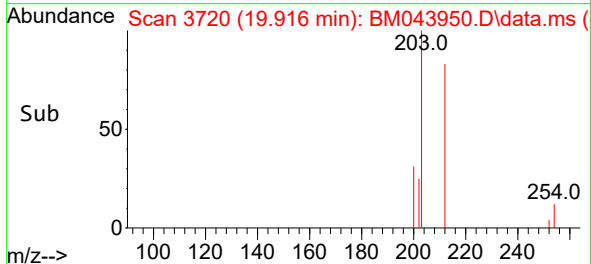
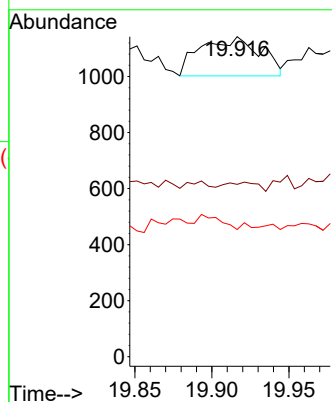
Tgt Ion:202 Resp: 375

Ion Ratio Lower Upper

202 100

101 53.9 10.3 15.5#

100 39.8 8.1 12.1#



#21

Benzo(a)anthracene

Concen: 0.599 ng/ul

RT: 21.625 min Scan# 4230

Delta R.T. 0.125 min

Lab File: BM043950.D

Acq: 01 Feb 2024 17:00

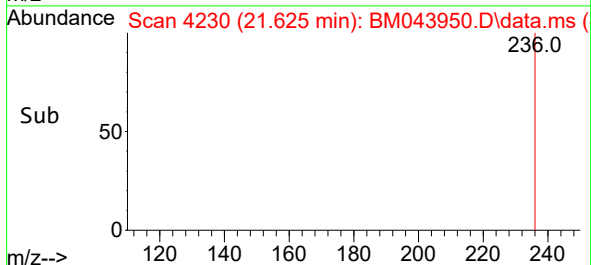
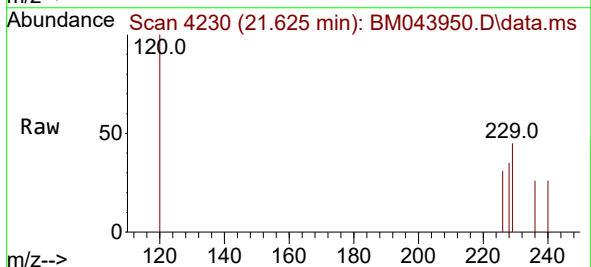
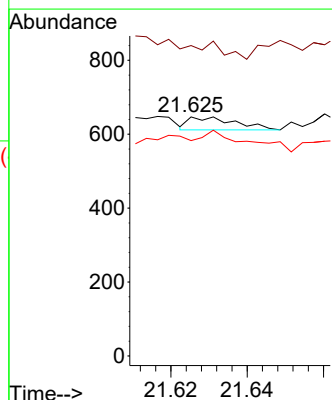
Tgt Ion:228 Resp: 30

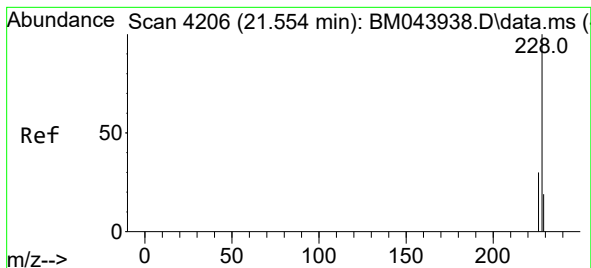
Ion Ratio Lower Upper

228 100

229 129.8 15.5 23.3#

226 90.1 22.3 33.5#





#22

Chrysene

Concen: 0.552 ng/ul

RT: 21.687 min Scan# 41

Delta R.T. 0.134 min

Lab File: BM043950.D

Acq: 01 Feb 2024 17:00

Instrument :

BNA_M

ClientSampleId :

C0FC3

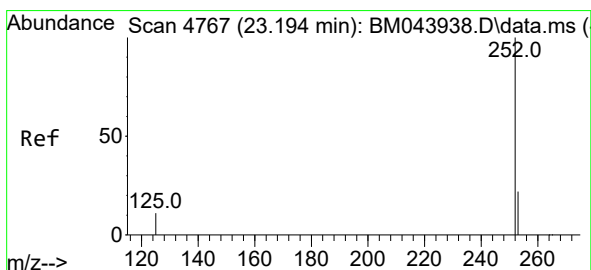
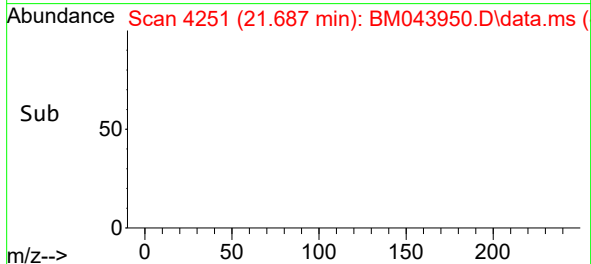
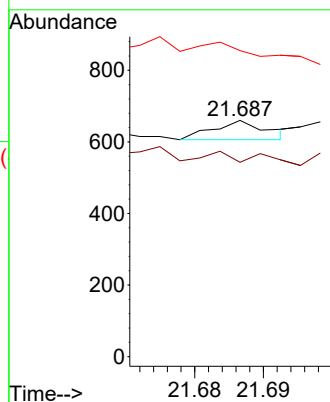
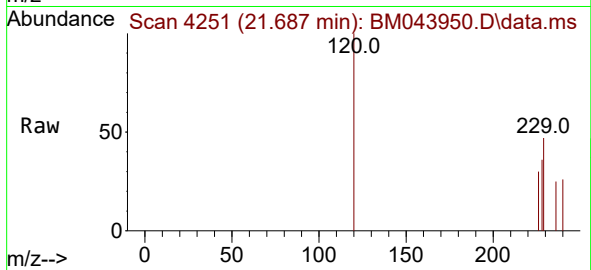
Tgt Ion:228 Resp: 29

Ion Ratio Lower Upper

228 100

226 82.3 24.4 36.6#

229 129.5 15.5 23.3#



#24

Benzo(b)fluoranthene

Concen: 6.378 ng/ul

RT: 23.505 min Scan# 4873

Delta R.T. 0.313 min

Lab File: BM043950.D

Acq: 01 Feb 2024 17:00

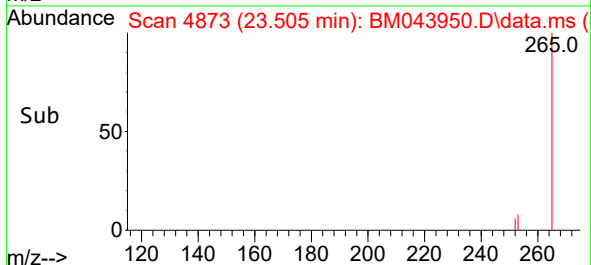
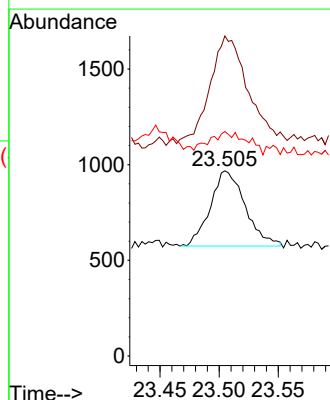
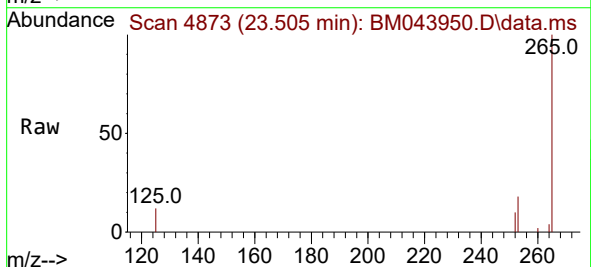
Tgt Ion:252 Resp: 805

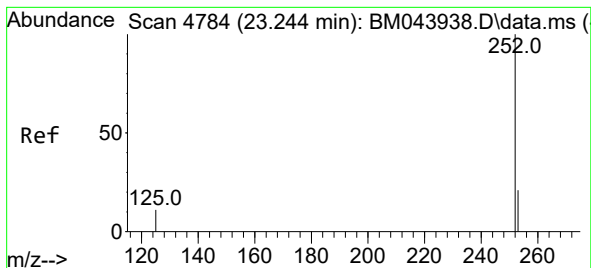
Ion Ratio Lower Upper

252 100

253 172.8 0.0 50.0#

125 121.3 0.0 26.4#





#25

Benzo(k)fluoranthene

Concen: 6.477 ng/ul

RT: 23.505 min Scan# 41

Delta R.T. 0.263 min

Lab File: BM043950.D

Acq: 01 Feb 2024 17:00

Instrument :

BNA_M

ClientSampleId :

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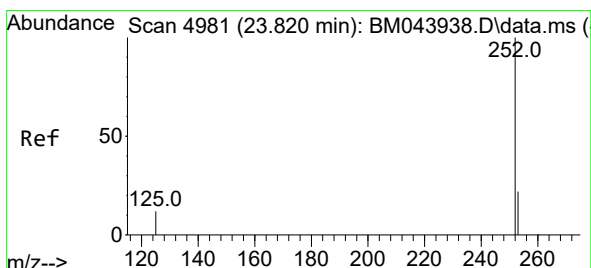
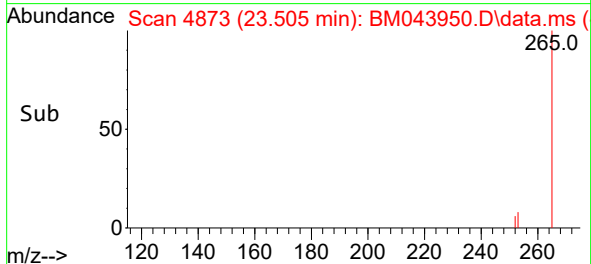
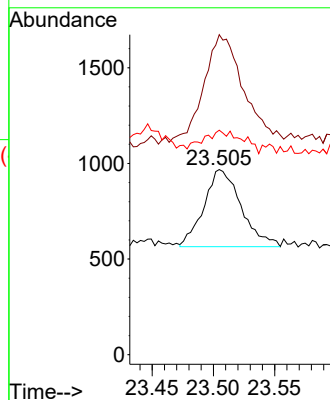
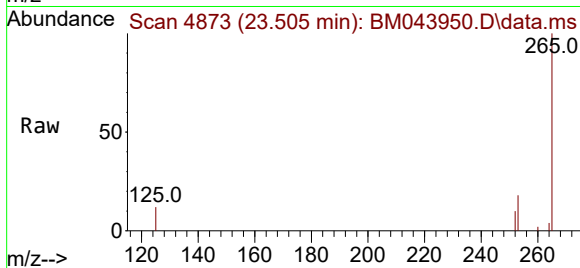
Tgt Ion:252 Resp: 851

Ion Ratio Lower Upper

252 100

253 172.8 19.7 29.5#

125 121.3 10.6 16.0#



#26

Benzo(a)pyrene

Concen: 0.531 ng/ul

RT: 24.151 min Scan# 5094

Delta R.T. 0.330 min

Lab File: BM043950.D

Acq: 01 Feb 2024 17:00

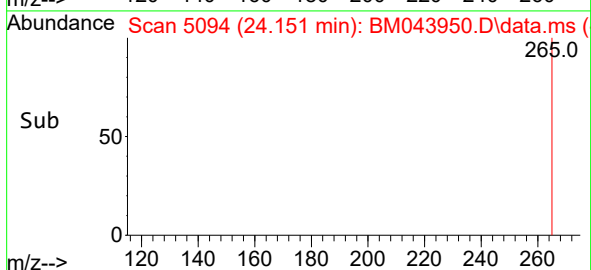
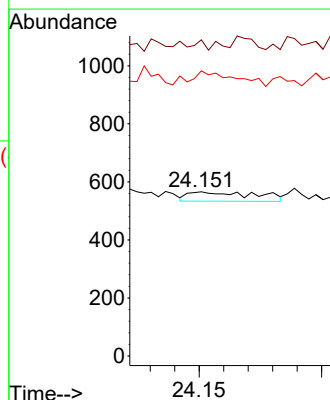
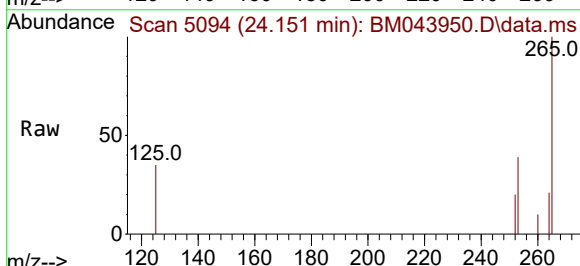
Tgt Ion:252 Resp: 61

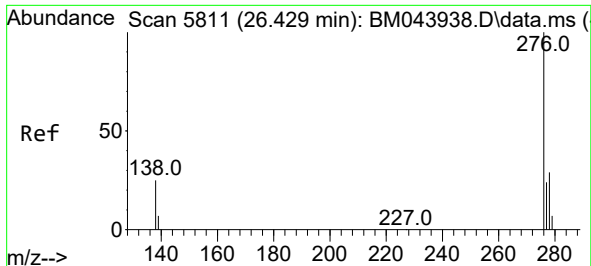
Ion Ratio Lower Upper

252 100

253 192.6 20.6 31.0#

125 173.7 12.6 18.8#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.122 ng/ul

RT: 26.796 min Scan# 5920

Delta R.T. 0.369 min

Lab File: BM043950.D

Acq: 01 Feb 2024 17:00

Instrument :

BNA_M

ClientSampleId :

C0FC3

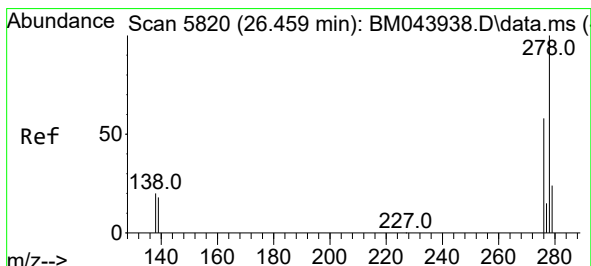
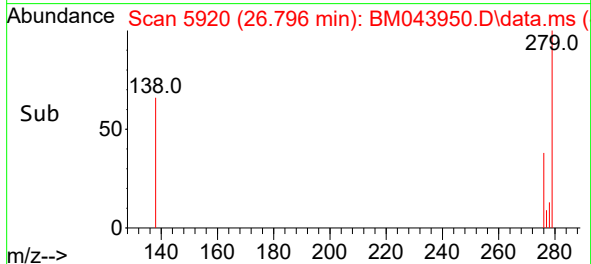
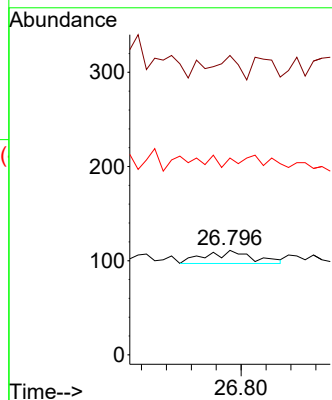
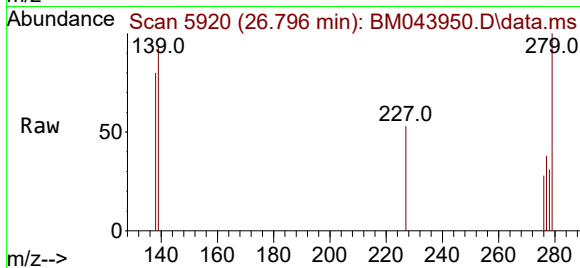
Tgt Ion:276 Resp: 18

Ion Ratio Lower Upper

276 100

138 116.7 22.2 33.2#

227 294.4 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.076 ng/ul

RT: 26.853 min Scan# 5937

Delta R.T. 0.396 min

Lab File: BM043950.D

Acq: 01 Feb 2024 17:00

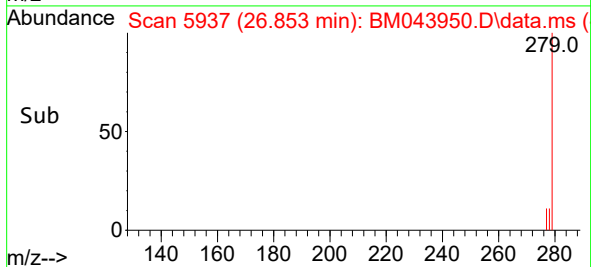
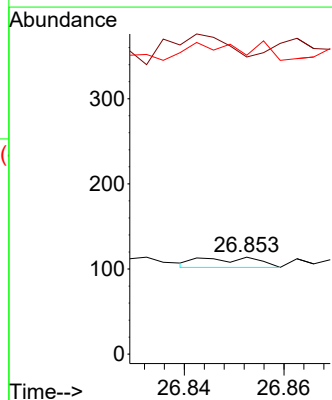
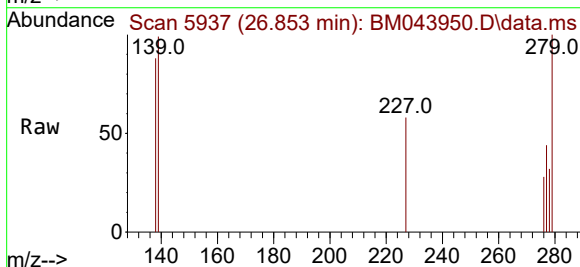
Tgt Ion:278 Resp: 9

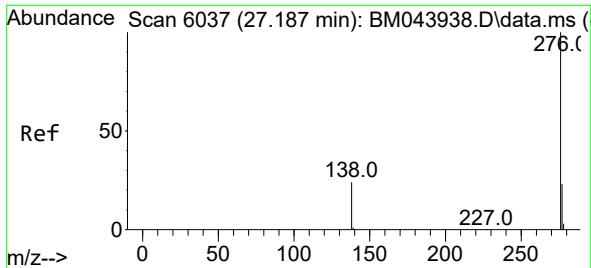
Ion Ratio Lower Upper

278 100

139 306.1 16.2 24.2#

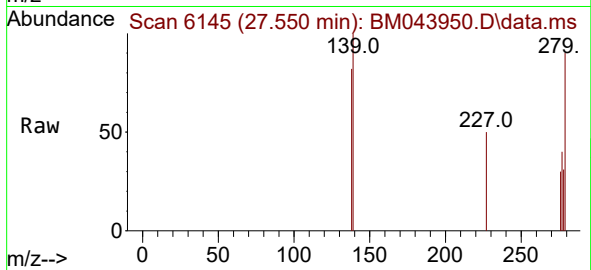
279 307.9 21.7 32.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.055 ng/ul
 RT: 27.550 min Scan# 6145
 Delta R.T. 0.359 min
 Lab File: BM043950.D
 Acq: 01 Feb 2024 17:00

Instrument :
 BNA_M
 ClientSampleId :
 C0FC3



Tgt Ion: 276 Resp: 7
 Ion Ratio Lower Upper
 276 100
 138 272.0 20.2 30.2#
 277 133.0 19.0 28.4#

