

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046094.D
 Acq On : 19 Jun 2024 20:04
 Operator : MA/JU
 Sample : P2695-09DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BK2DL

Quant Time: Jun 19 22:50:15 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 : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

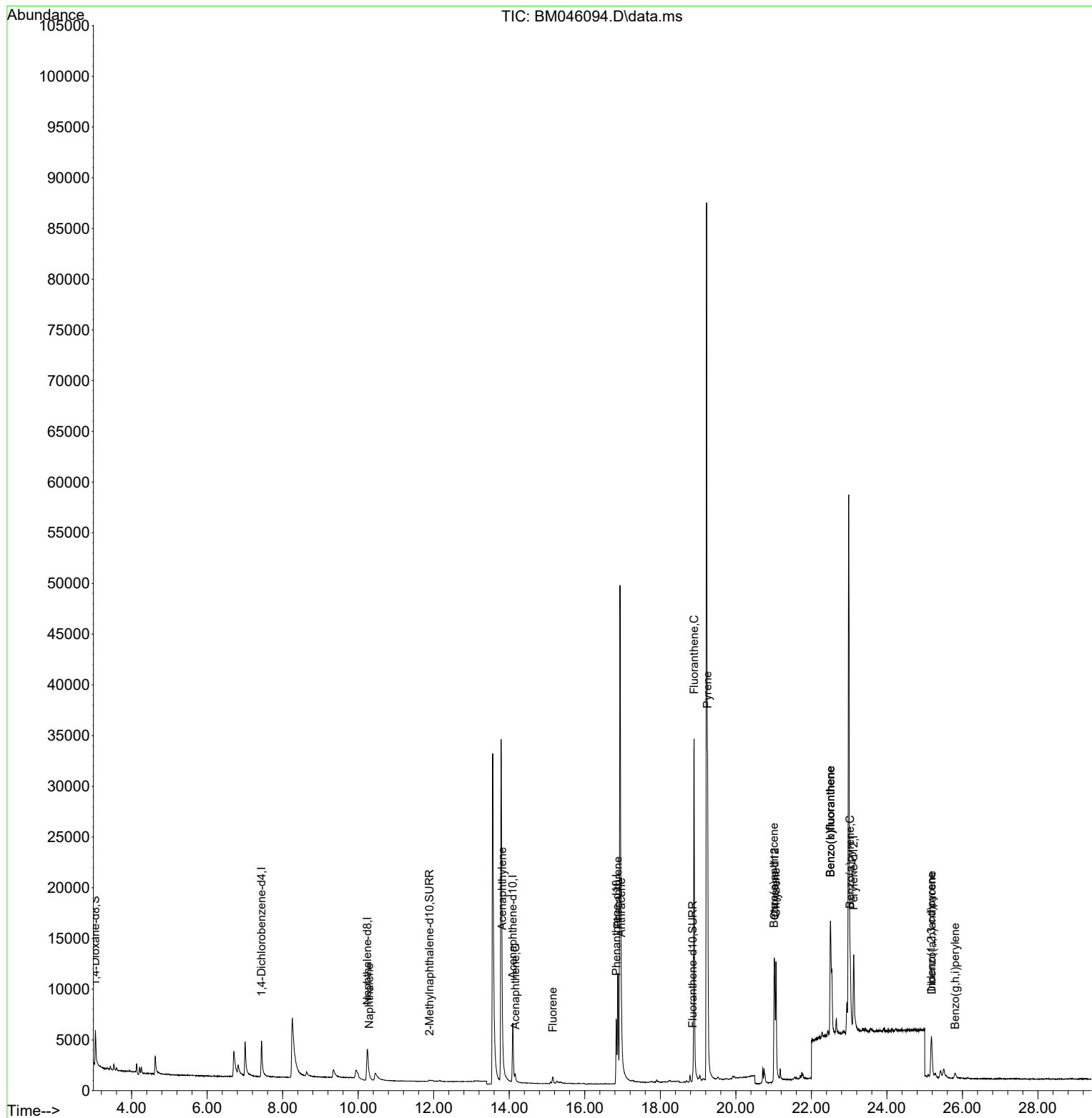
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	2962	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.242	136	8031	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.094	164	4518	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.836	188	9023	0.400	ng/ul	-0.03
17) Chrysene-d12	21.026	240	7679	0.400	ng/ul	-0.02
23) Perylene-d12	23.122	264	10864	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	2384	0.587	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.887	152	422	0.039	ng/ul	0.02
18) Fluoranthene-d10	18.861	212	1143	0.050	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.292	128	553	0.025	ng/ul#	47
10) Acenaphthylene	13.811	152	1196	0.056	ng/ul#	80
11) Acenaphthene	14.158	153	560	0.036	ng/ul	94
12) Fluorene	15.153	166	638	0.038	ng/ul#	94
15) Phenanthrene	16.874	178	13913	0.549	ng/ul	99
16) Anthracene	16.967	178	2396	0.127	ng/ul#	89
19) Fluoranthene	18.894	202	34513	1.038	ng/ul	97
20) Pyrene	19.252	202	24747	0.688	ng/ul	100
21) Benzo(a)anthracene	21.012	228	11420	0.385	ng/ul	96
22) Chrysene	21.064	228	12351	0.326	ng/ul	99
24) Benzo(b)fluoranthene	22.505	252	26166	0.669	ng/ul	97
25) Benzo(k)fluoranthene	22.505	252	26166	0.562	ng/ul	96
26) Benzo(a)pyrene	23.028	252	6346	0.175	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.179	276	6933	0.117	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.186	278	2064	0.047	ng/ul#	52
29) Benzo(g,h,i)perylene	25.806	276	1133	0.022	ng/ul#	47

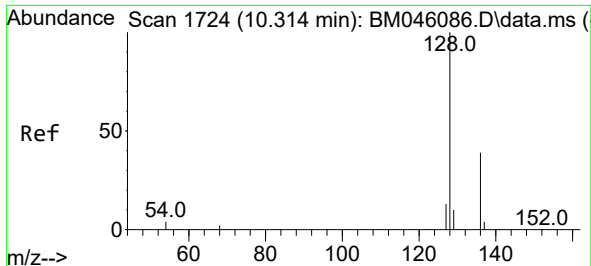
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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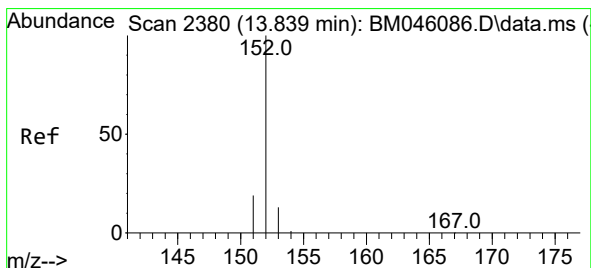
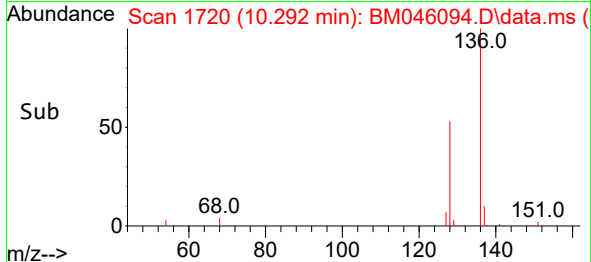
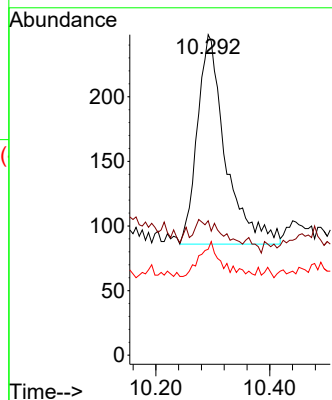
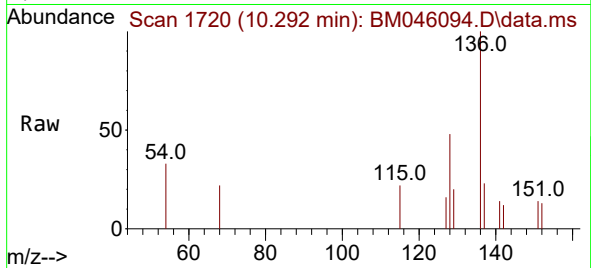




#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.292 min Scan# 1720
Delta R.T. -0.011 min
Lab File: BM046094.D
Acq: 19 Jun 2024 20:04

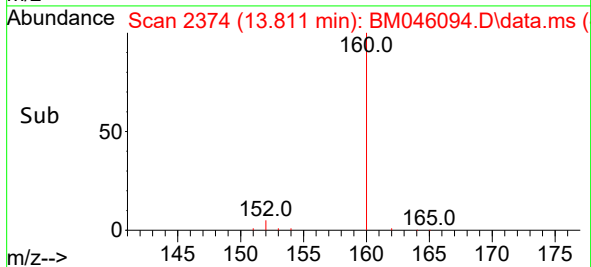
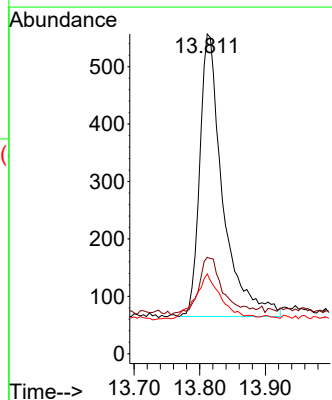
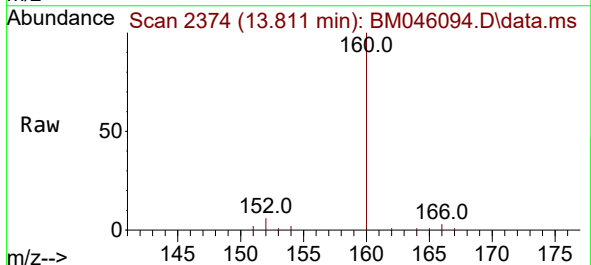
Instrument :
BNA_M
ClientSampleId :
A4BK2DL

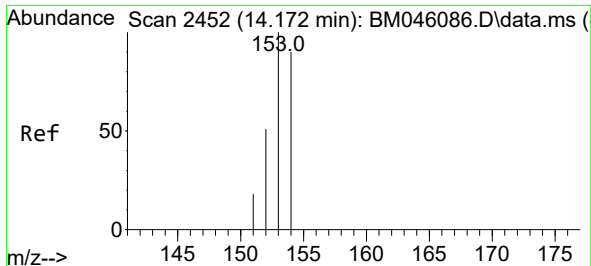
Tgt Ion:128 Resp: 553
Ion Ratio Lower Upper
128 100
129 41.9 11.8 17.6#
127 33.1 12.8 19.2#



#10
Acenaphthylene
Concen: 0.056 ng/ul
RT: 13.811 min Scan# 2374
Delta R.T. -0.023 min
Lab File: BM046094.D
Acq: 19 Jun 2024 20:04

Tgt Ion:152 Resp: 1196
Ion Ratio Lower Upper
152 100
151 30.2 17.4 26.2#
153 25.0 11.8 17.8#

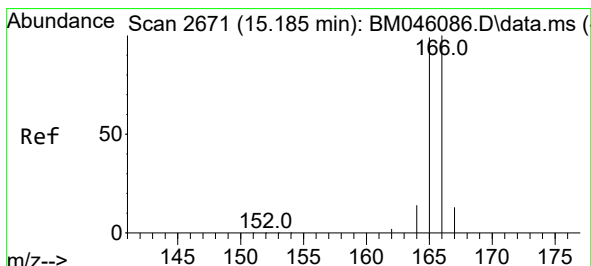
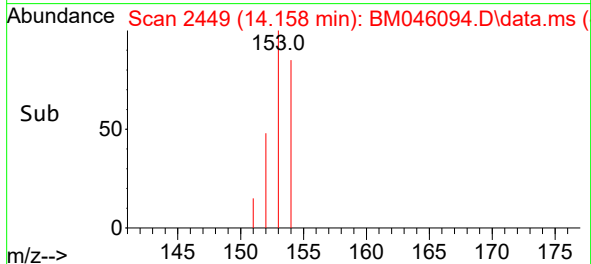
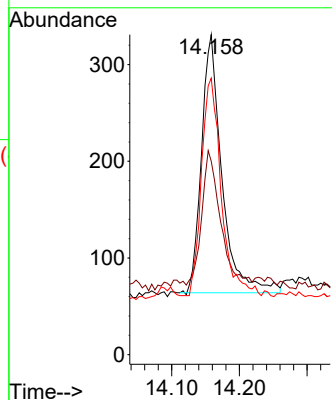
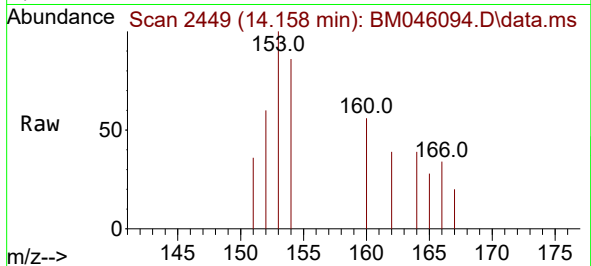




#11
Acenaphthene
Concen: 0.036 ng/ul
RT: 14.158 min Scan# 2449
Delta R.T. -0.014 min
Lab File: BM046094.D
Acq: 19 Jun 2024 20:04

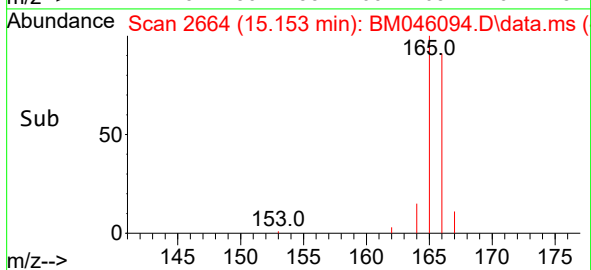
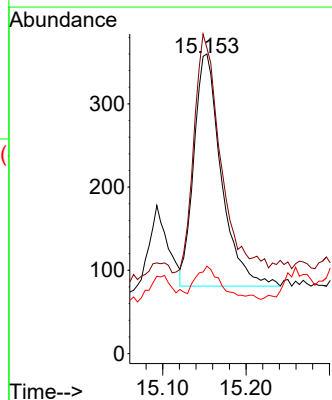
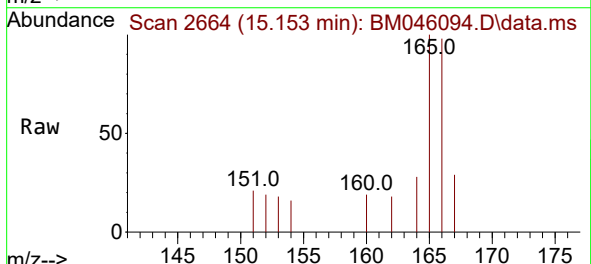
Instrument :
BNA_M
ClientSampleId :
A4BK2DL

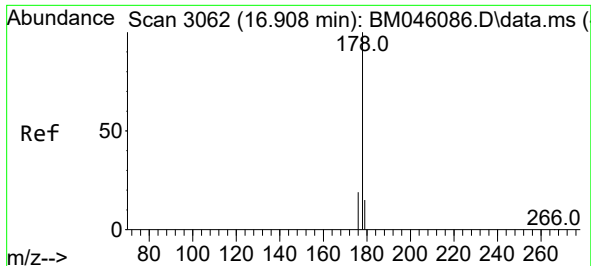
Tgt Ion:153 Resp: 560
Ion Ratio Lower Upper
153 100
152 60.4 41.3 61.9
154 86.4 68.2 102.4



#12
Fluorene
Concen: 0.038 ng/ul
RT: 15.153 min Scan# 2664
Delta R.T. -0.028 min
Lab File: BM046094.D
Acq: 19 Jun 2024 20:04

Tgt Ion:166 Resp: 638
Ion Ratio Lower Upper
166 100
165 101.9 80.4 120.6
167 29.2 12.4 18.6#

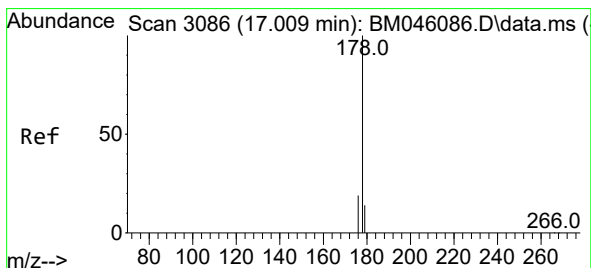
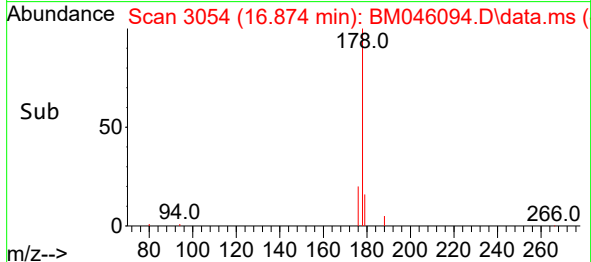
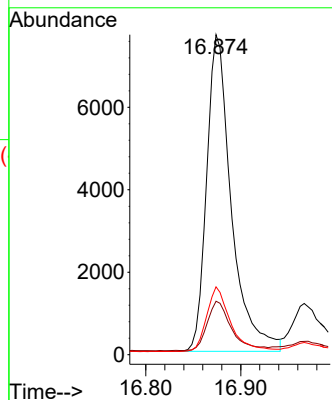
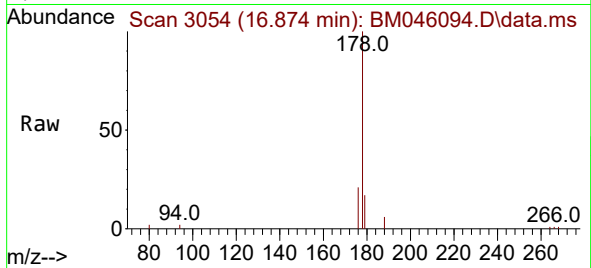




#15
Phenanthrene
Concen: 0.549 ng/ul
RT: 16.874 min Scan# 3054
Delta R.T. -0.030 min
Lab File: BM046094.D
Acq: 19 Jun 2024 20:04

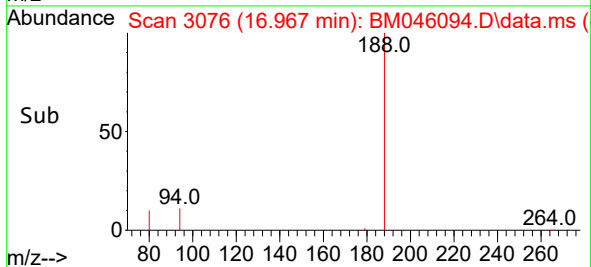
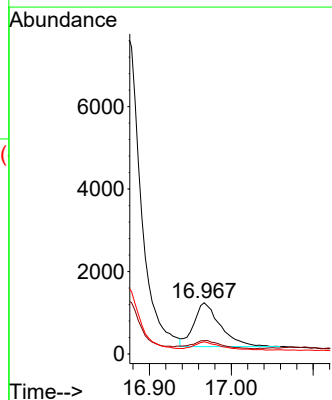
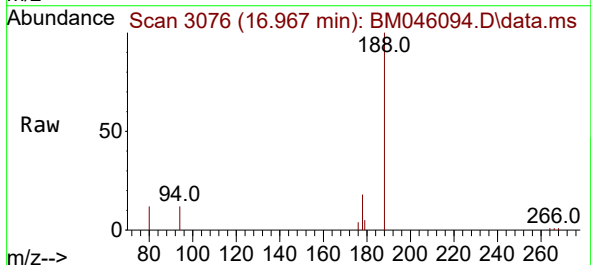
Instrument :
BNA_M
ClientSampleId :
A4BK2DL

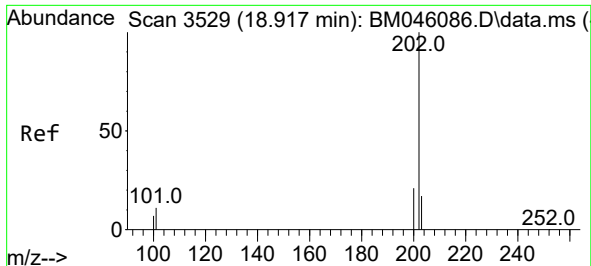
Tgt Ion:178 Resp: 13913
Ion Ratio Lower Upper
178 100
179 16.7 14.2 21.2
176 21.2 17.1 25.7



#16
Anthracene
Concen: 0.127 ng/ul
RT: 16.967 min Scan# 3076
Delta R.T. -0.038 min
Lab File: BM046094.D
Acq: 19 Jun 2024 20:04

Tgt Ion:178 Resp: 2396
Ion Ratio Lower Upper
178 100
179 26.1 14.9 22.3#
176 23.9 17.0 25.4

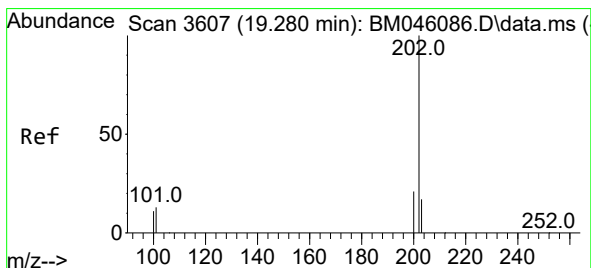
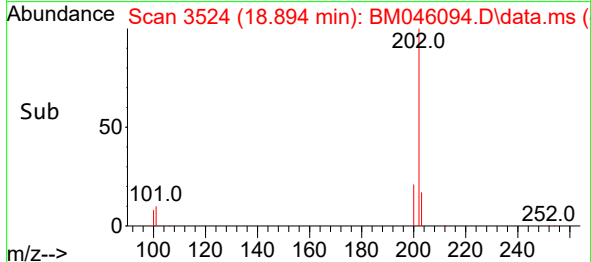
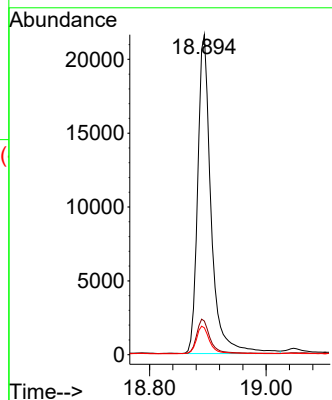
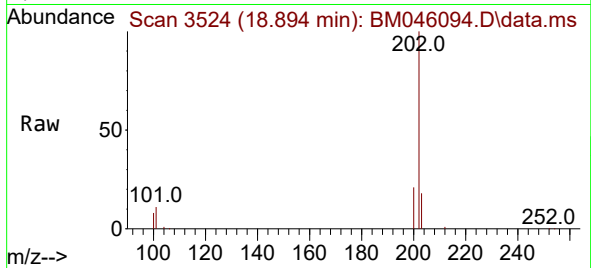




#19
Fluoranthene
Concen: 1.038 ng/ul
RT: 18.894 min Scan# 3524
Delta R.T. -0.023 min
Lab File: BM046094.D
Acq: 19 Jun 2024 20:04

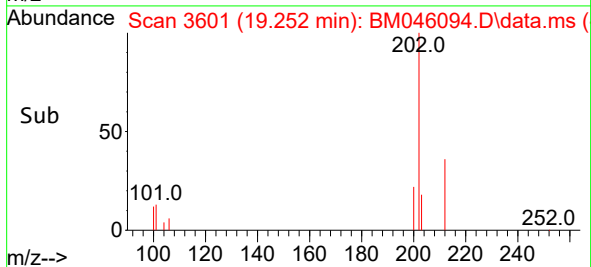
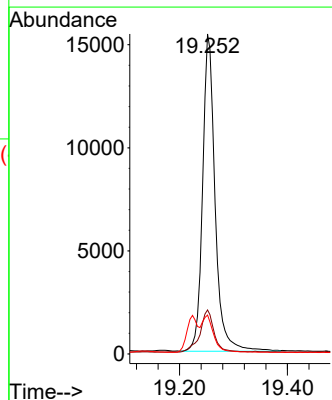
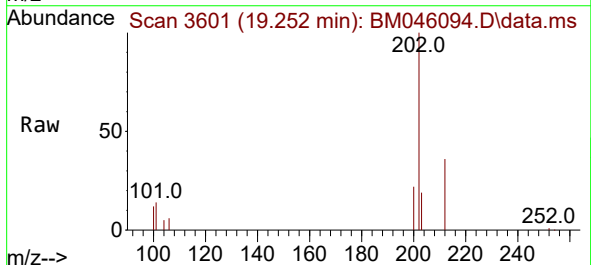
Instrument :
BNA_M
ClientSampleId :
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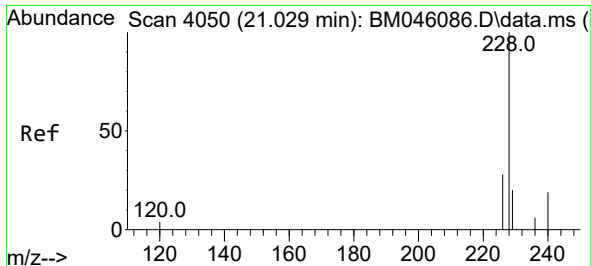
Tgt Ion:202 Resp: 34513
Ion Ratio Lower Upper
202 100
101 10.5 9.6 14.4
100 8.4 7.6 11.4



#20
Pyrene
Concen: 0.688 ng/ul
RT: 19.252 min Scan# 3601
Delta R.T. -0.023 min
Lab File: BM046094.D
Acq: 19 Jun 2024 20:04

Tgt Ion:202 Resp: 24747
Ion Ratio Lower Upper
202 100
101 13.8 11.3 16.9
100 12.1 9.8 14.6

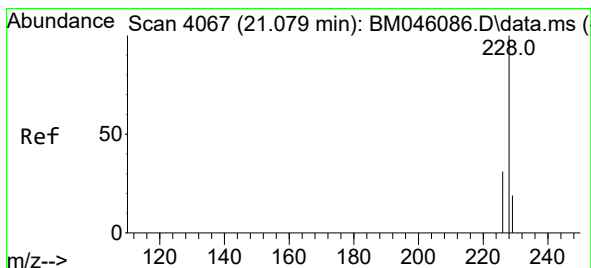
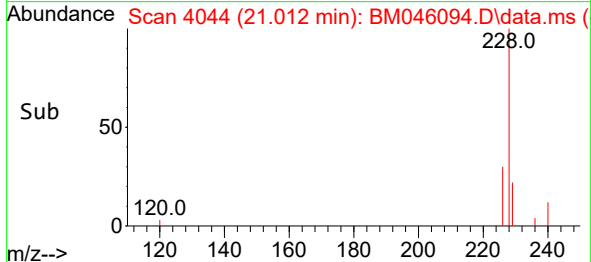
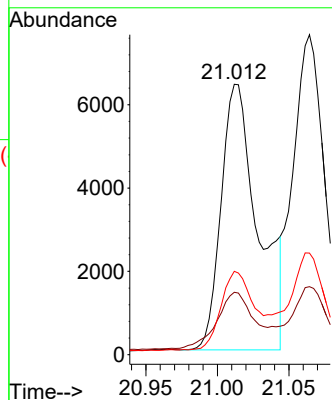
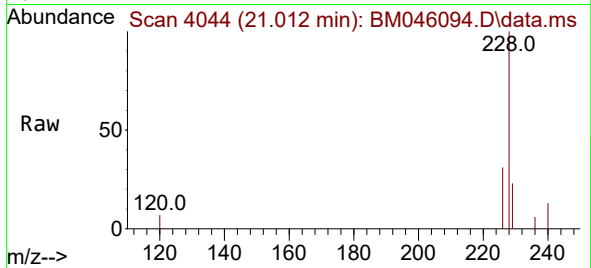




#21
Benzo(a)anthracene
Concen: 0.385 ng/ul
RT: 21.012 min Scan# 4050
Delta R.T. -0.018 min
Lab File: BM046094.D
Acq: 19 Jun 2024 20:04

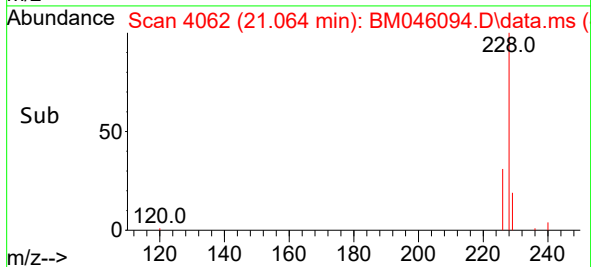
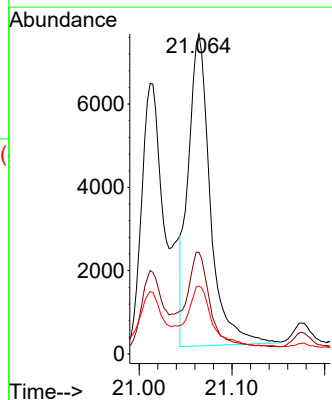
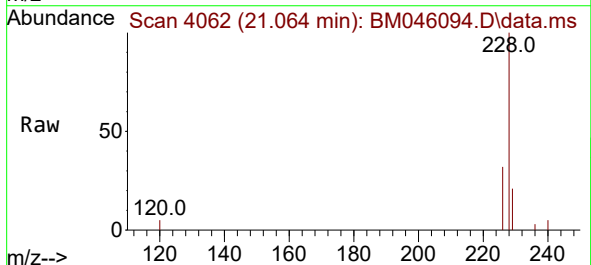
Instrument :
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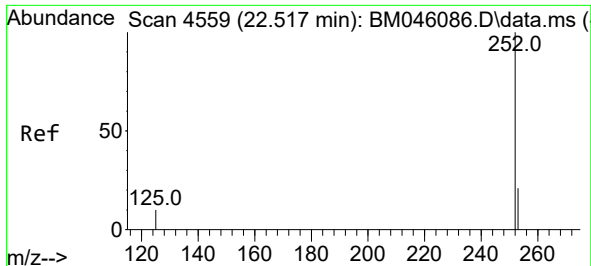
Tgt Ion:228 Resp: 11420
Ion Ratio Lower Upper
228 100
229 23.1 16.4 24.6
226 30.8 23.4 35.2



#22
Chrysene
Concen: 0.326 ng/ul
RT: 21.064 min Scan# 4062
Delta R.T. -0.012 min
Lab File: BM046094.D
Acq: 19 Jun 2024 20:04

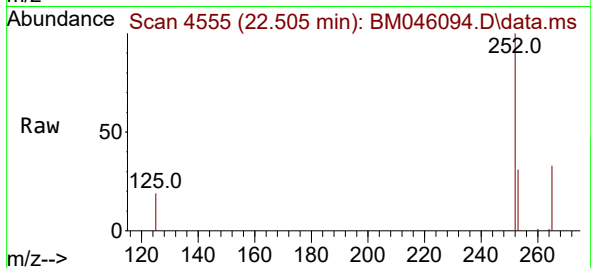
Tgt Ion:228 Resp: 12351
Ion Ratio Lower Upper
228 100
226 31.7 25.2 37.8
229 21.3 16.3 24.5



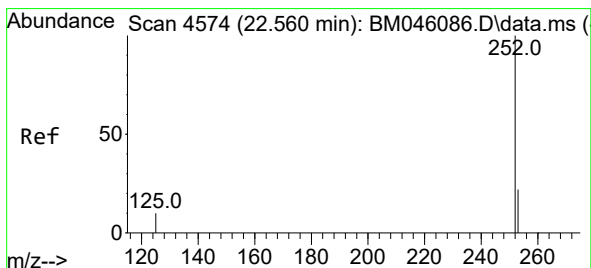
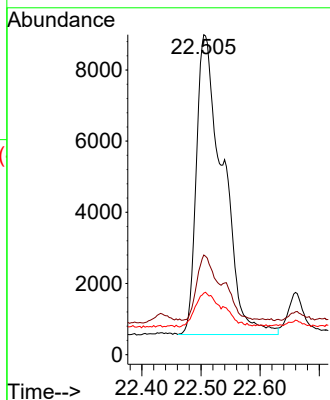


#24
Benzo(b)fluoranthene
Concen: 0.669 ng/ul
RT: 22.505 min Scan# 4555
Delta R.T. -0.015 min
Lab File: BM046094.D
Acq: 19 Jun 2024 20:04

Instrument :
BNA_M
ClientSampleId :
A4BK2DL

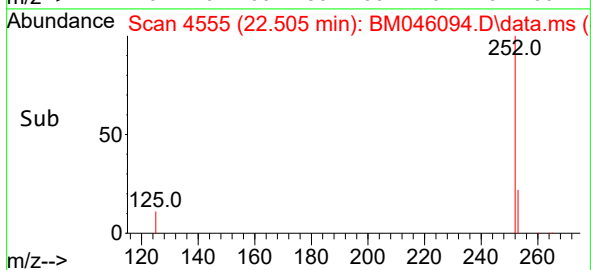
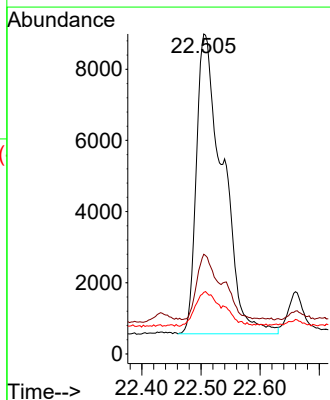
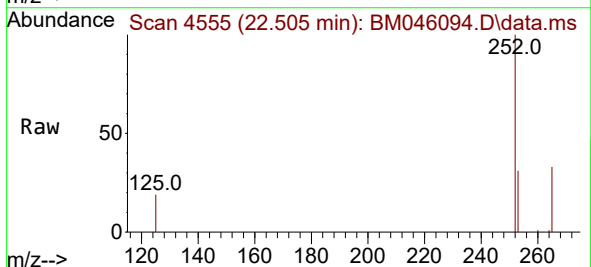


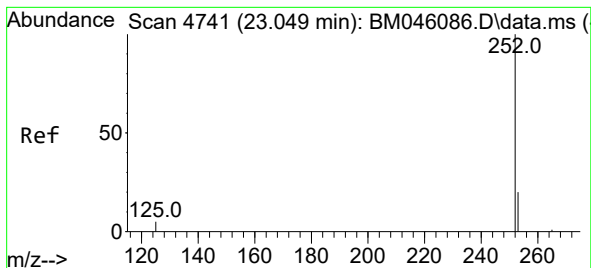
Tgt Ion:252 Resp: 26166
Ion Ratio Lower Upper
252 100
253 31.1 0.0 65.8
125 19.3 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.562 ng/ul
RT: 22.505 min Scan# 4555
Delta R.T. -0.059 min
Lab File: BM046094.D
Acq: 19 Jun 2024 20:04

Tgt Ion:252 Resp: 26166
Ion Ratio Lower Upper
252 100
253 31.1 27.2 40.8
125 19.3 16.6 25.0





#26

Benzo(a)pyrene

Concen: 0.175 ng/ul

RT: 23.028 min Scan# 4734

Delta R.T. -0.026 min

Lab File: BM046094.D

Acq: 19 Jun 2024 20:04

Instrument :

BNA_M

ClientSampleId :

A4BK2DL

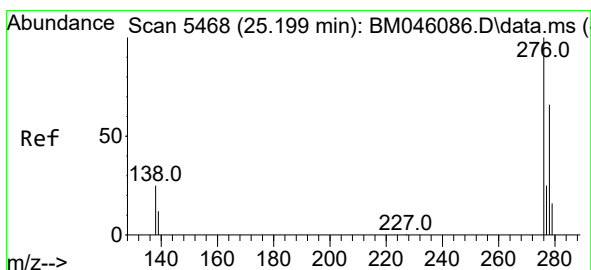
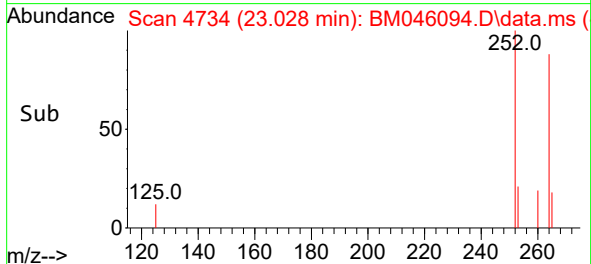
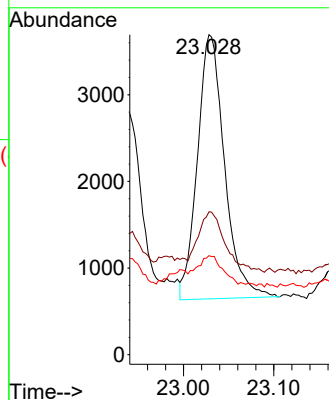
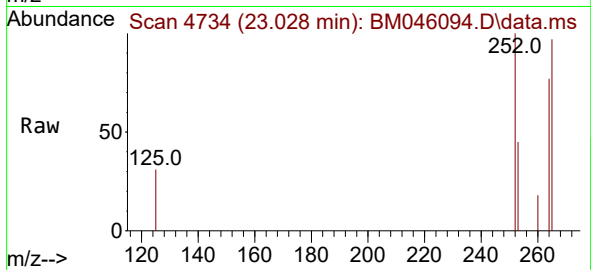
Tgt Ion:252 Resp: 6346

Ion Ratio Lower Upper

252 100

253 44.7 32.1 48.1

125 30.9 21.2 31.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.117 ng/ul

RT: 25.179 min Scan# 5462

Delta R.T. -0.024 min

Lab File: BM046094.D

Acq: 19 Jun 2024 20:04

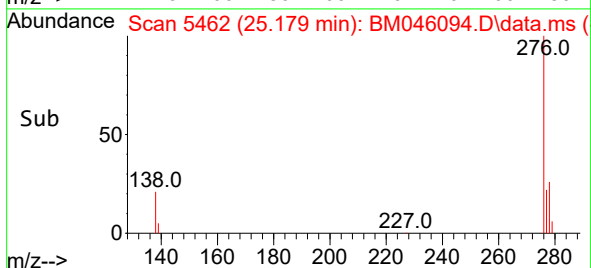
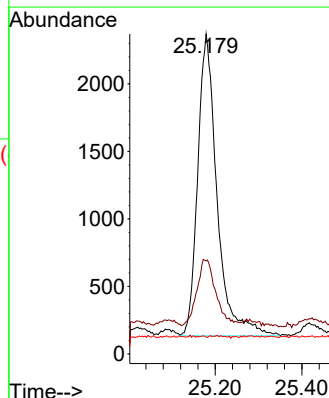
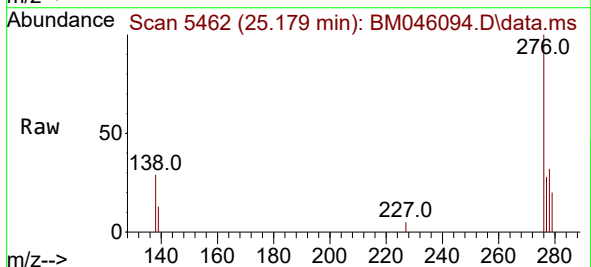
Tgt Ion:276 Resp: 6933

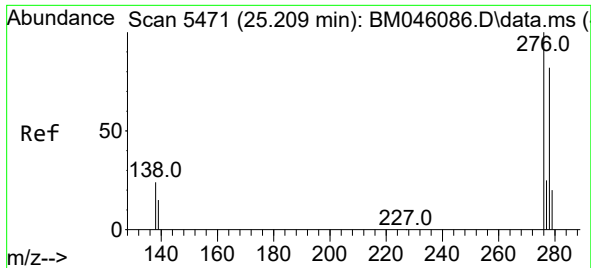
Ion Ratio Lower Upper

276 100

138 21.6 21.0 31.4

227 0.1 0.0 0.0#

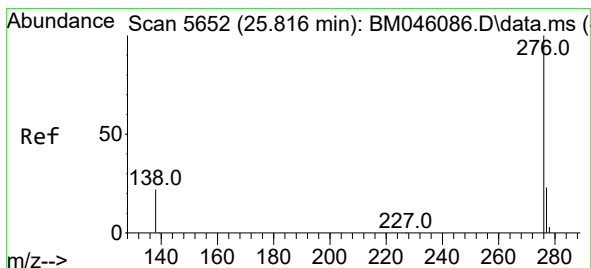
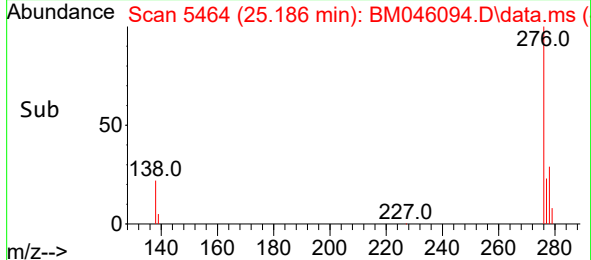
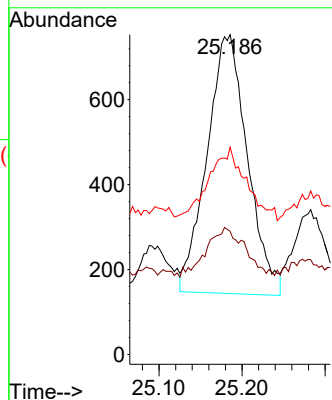
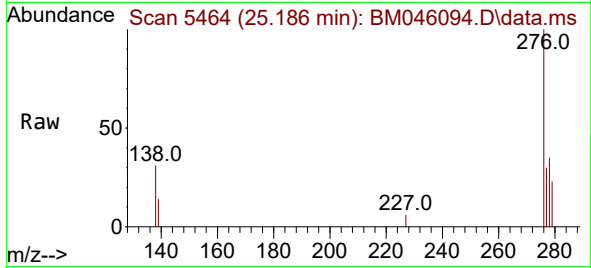




#28
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 25.186 min Scan# 5471
Delta R.T. -0.030 min
Lab File: BM046094.D
Acq: 19 Jun 2024 20:04

Instrument :
BNA_M
ClientSampleId :
A4BK2DL

Tgt Ion:278 Resp: 2064
Ion Ratio Lower Upper
278 100
139 38.5 17.6 26.4#
279 64.8 26.3 39.5#



#29
Benzo(g,h,i)perylene
Concen: 0.022 ng/ul
RT: 25.806 min Scan# 5649
Delta R.T. -0.024 min
Lab File: BM046094.D
Acq: 19 Jun 2024 20:04

Tgt Ion:276 Resp: 1133
Ion Ratio Lower Upper
276 100
138 57.6 21.7 32.5#
277 48.8 20.4 30.6#

