

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045933.D
 Acq On : 09 Jun 2024 01:57
 Operator : MA/JU
 Sample : P2640-04DL 5X
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C15DL

Quant Time: Jun 10 01:31:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

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

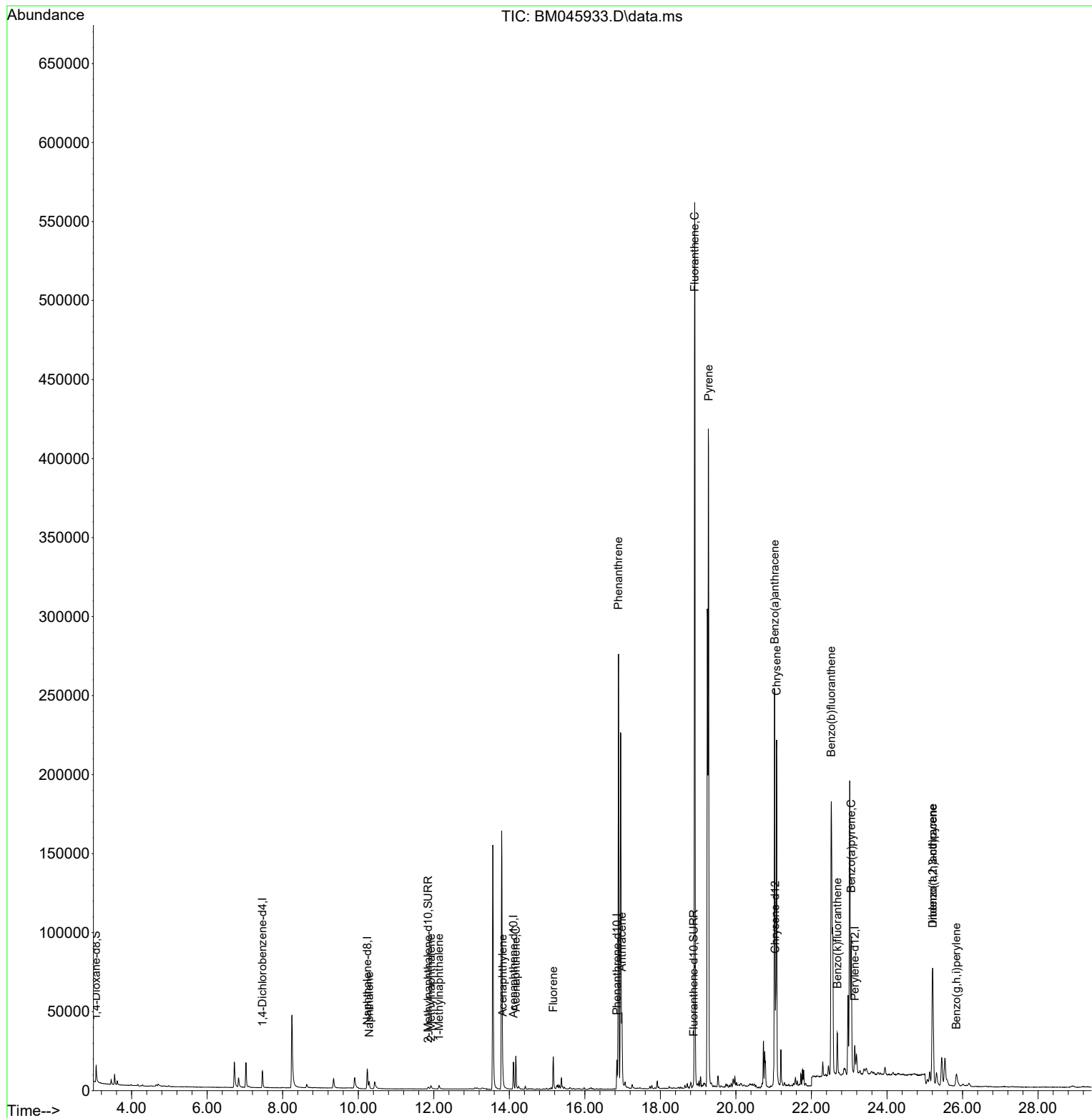
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.464	152	5560	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.242	136	17873	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	9896	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.849	188	20983	0.400	ng/ul	-0.02
17) Chrysene-d12	21.041	240	17997	0.400	ng/ul	-0.01
23) Perylene-d12	23.148	264	22489	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	6810	1.075	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.848	152	1515	0.059	ng/ul	0.00
18) Fluoranthene-d10	18.880	212	3601	0.067	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.286	128	6444	0.138	ng/ul	97
7) 2-Methylnaphthalene	11.925	142	2180	0.073	ng/ul	94
8) 1-Methylnaphthalene	12.140	142	1965	0.061	ng/ul	99
10) Acenaphthylene	13.825	152	8258	0.183	ng/ul	97
11) Acenaphthene	14.172	153	12513	0.378	ng/ul	99
12) Fluorene	15.162	166	13477	0.365	ng/ul	98
15) Phenanthrene	16.891	178	283774	4.817	ng/ul	99
16) Anthracene	16.984	178	44889	0.893	ng/ul	98
19) Fluoranthene	18.908	202	484011	6.744	ng/ul	98
20) Pyrene	19.275	202	347285	4.639	ng/ul	95
21) Benzo(a)anthracene	21.024	228	194608	2.946	ng/ul	99
22) Chrysene	21.076	228	208246	2.896	ng/ul	99
24) Benzo(b)fluoranthene	22.525	252	378160	5.070	ng/ul	85
25) Benzo(k)fluoranthene	22.683	252	27520	0.336	ng/ul	96
26) Benzo(a)pyrene	23.055	252	108242	1.459	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.209	276	101297	1.056	ng/ul	92
28) Dibenzo(a,h)anthracene	25.212	278	31849	0.415	ng/ul	99
29) Benzo(g,h,i)perylene	25.836	276	15515	0.188	ng/ul	94

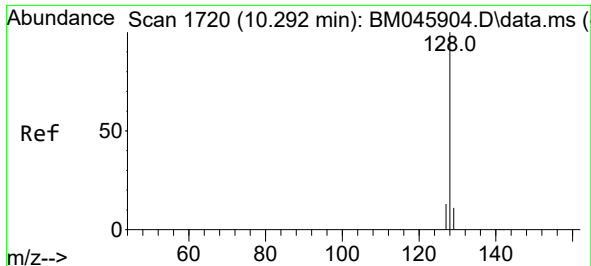
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045933.D
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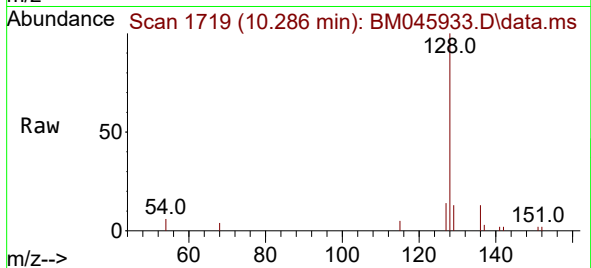
Quant Time: Jun 10 01:31:14 2024
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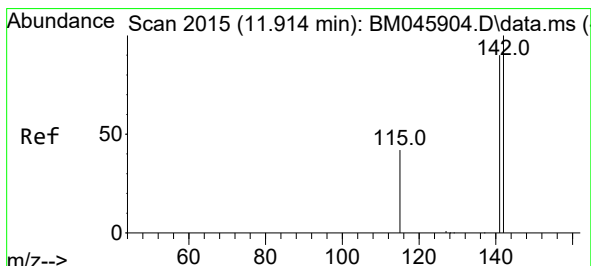
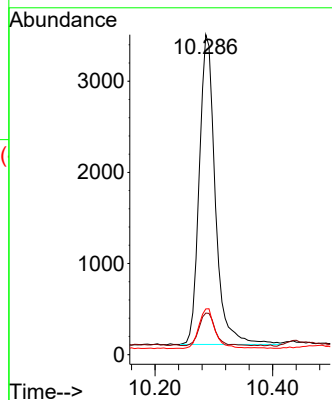
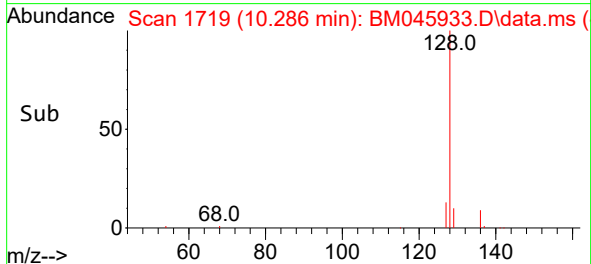


#5
Naphthalene
Concen: 0.138 ng/ul
RT: 10.286 min Scan# 1719
Delta R.T. -0.016 min
Lab File: BM045933.D
Acq: 09 Jun 2024 01:57

Instrument :
BNA_M
ClientSampleId :
A4C15DL

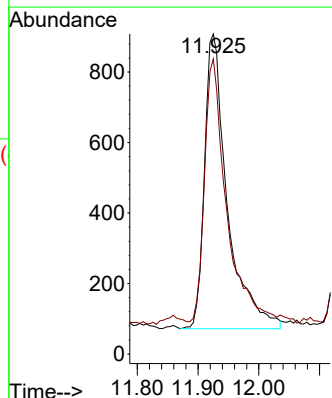
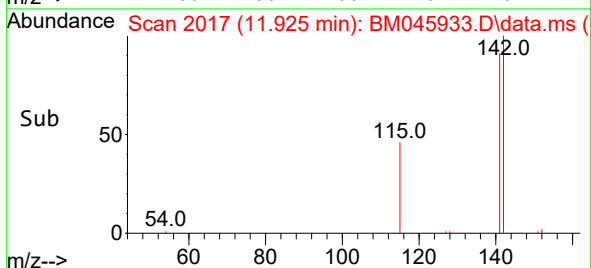
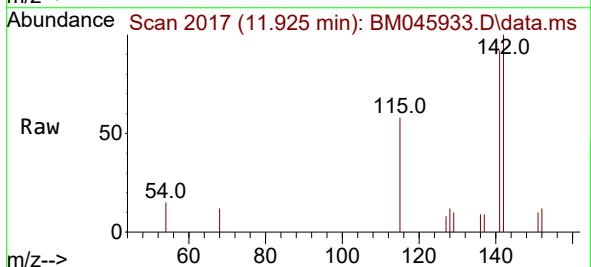


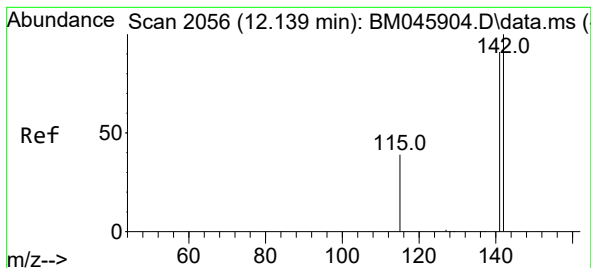
Tgt Ion:128 Resp: 6444
Ion Ratio Lower Upper
128 100
129 13.0 9.4 14.0
127 14.3 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.073 ng/ul
RT: 11.925 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BM045933.D
Acq: 09 Jun 2024 01:57

Tgt Ion:142 Resp: 2180
Ion Ratio Lower Upper
142 100
141 84.7 72.2 108.4





#8

1-Methylnaphthalene

Concen: 0.061 ng/ul

RT: 12.140 min Scan# 2056

Delta R.T. -0.005 min

Lab File: BM045933.D

Acq: 09 Jun 2024 01:57

Instrument :

BNA_M

ClientSampleId :

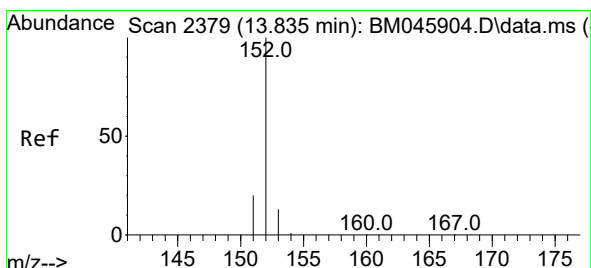
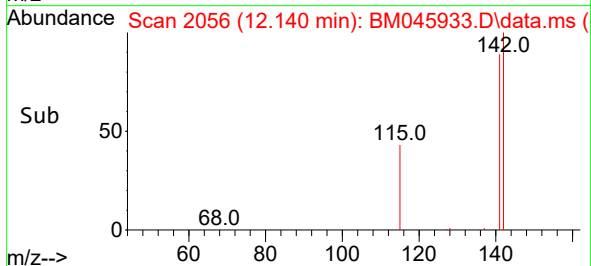
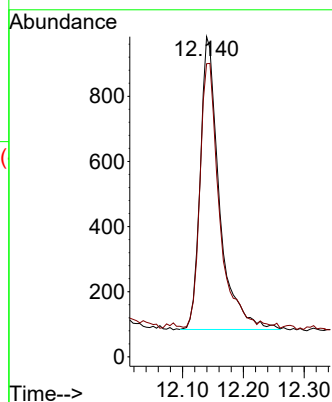
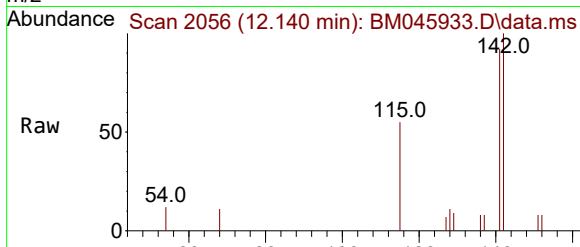
A4C15DL

Tgt Ion:142 Resp: 1965

Ion Ratio Lower Upper

142 100

141 92.6 73.5 110.3



#10

Acenaphthylene

Concen: 0.183 ng/ul

RT: 13.825 min Scan# 2377

Delta R.T. -0.014 min

Lab File: BM045933.D

Acq: 09 Jun 2024 01:57

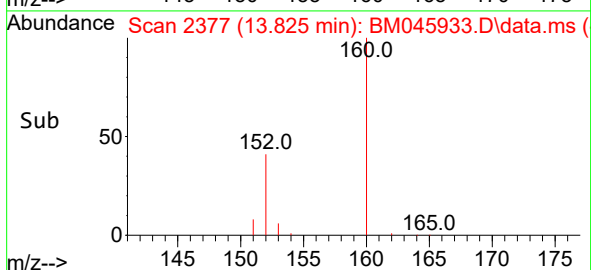
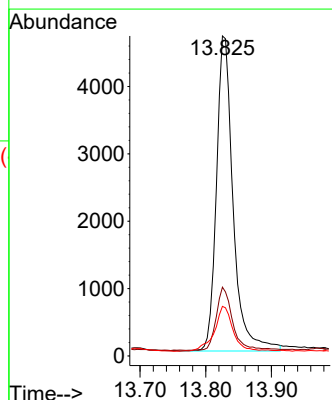
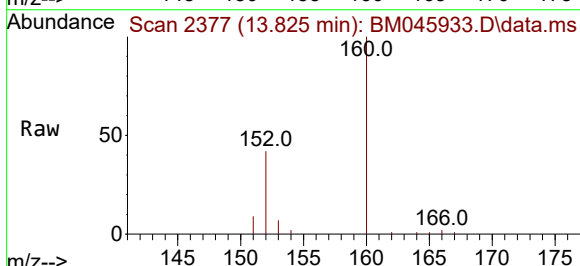
Tgt Ion:152 Resp: 8258

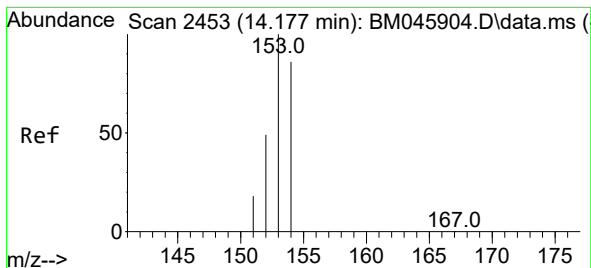
Ion Ratio Lower Upper

152 100

151 21.5 16.4 24.6

153 15.5 11.1 16.7





#11

Acenaphthene

Concen: 0.378 ng/ul

RT: 14.172 min Scan# 2453

Delta R.T. -0.009 min

Lab File: BM045933.D

Acq: 09 Jun 2024 01:57

Instrument :

BNA_M

ClientSampleId :

A4C15DL

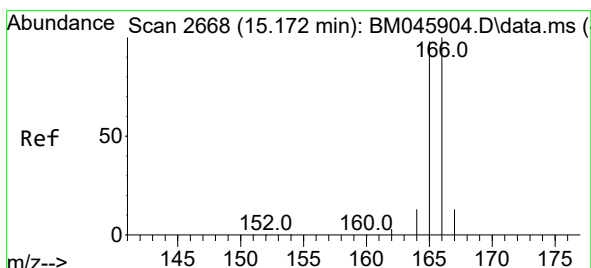
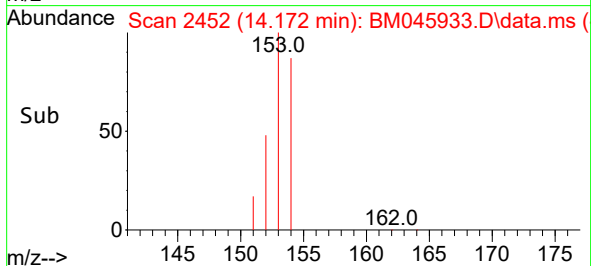
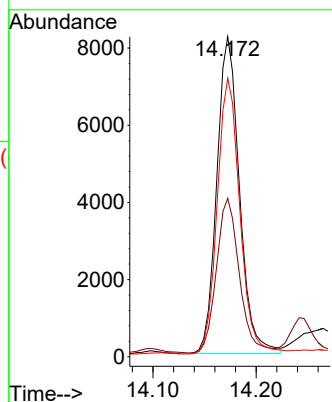
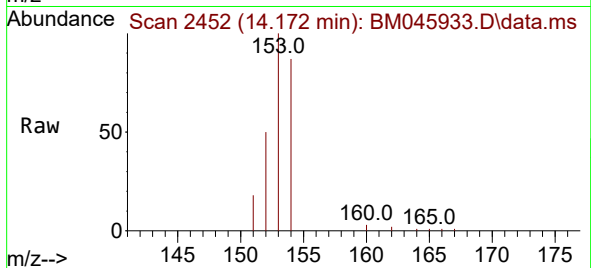
Tgt Ion:153 Resp: 12513

Ion Ratio Lower Upper

153 100

152 49.5 39.0 58.4

154 87.0 69.4 104.2



#12

Fluorene

Concen: 0.365 ng/ul

RT: 15.162 min Scan# 2666

Delta R.T. -0.014 min

Lab File: BM045933.D

Acq: 09 Jun 2024 01:57

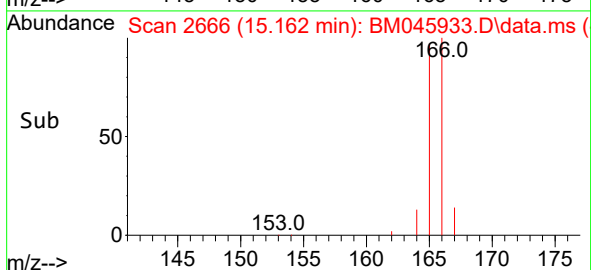
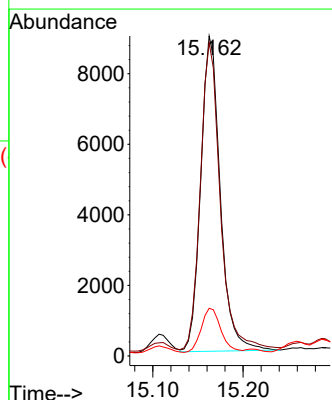
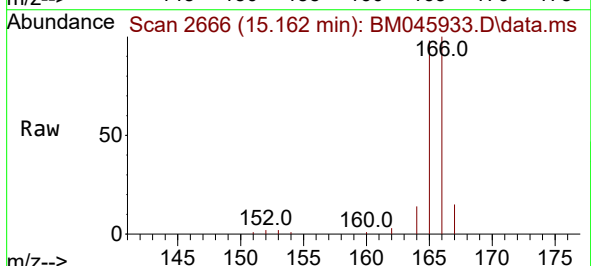
Tgt Ion:166 Resp: 13477

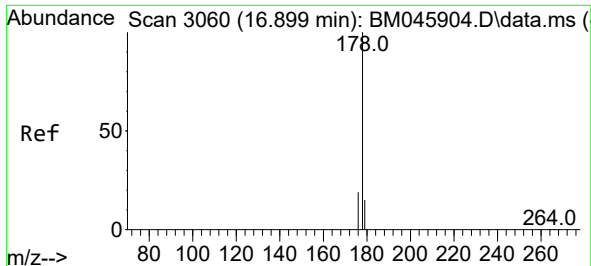
Ion Ratio Lower Upper

166 100

165 97.9 79.7 119.5

167 14.9 11.3 16.9

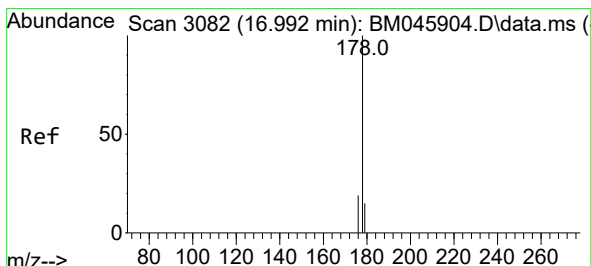
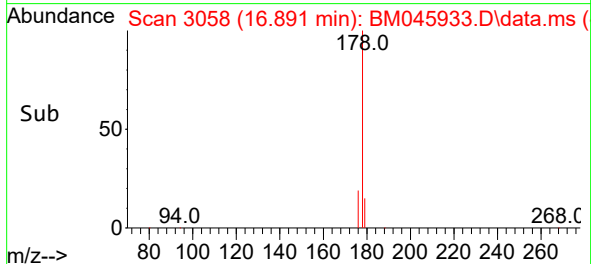
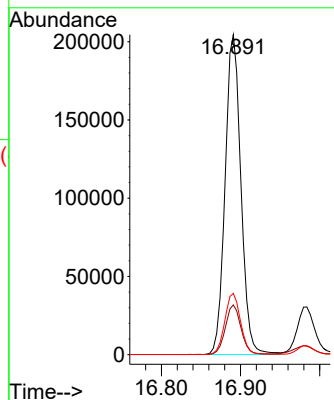
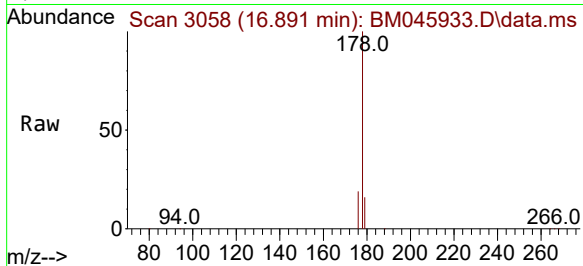




#15
Phenanthrene
Concen: 4.817 ng/ul
RT: 16.891 min Scan# 3058
Delta R.T. -0.013 min
Lab File: BM045933.D
Acq: 09 Jun 2024 01:57

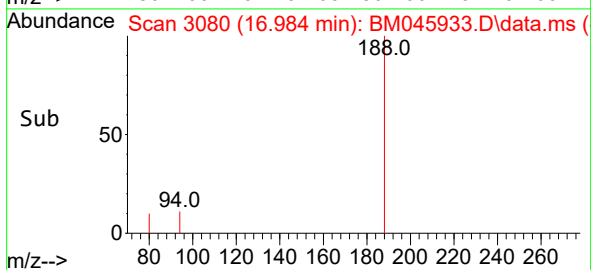
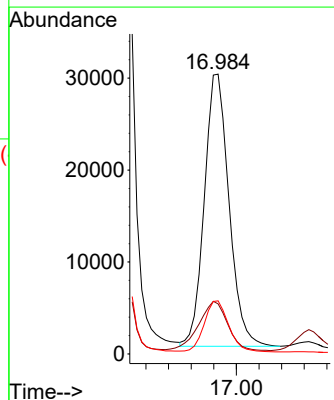
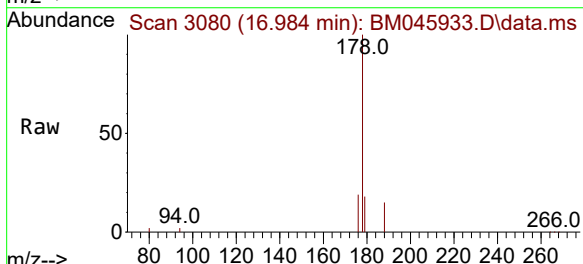
Instrument :
BNA_M
ClientSampleId :
A4C15DL

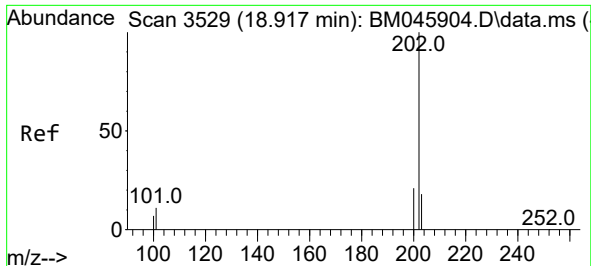
Tgt Ion:178 Resp: 283774
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.1 15.6 23.4



#16
Anthracene
Concen: 0.893 ng/ul
RT: 16.984 min Scan# 3080
Delta R.T. -0.013 min
Lab File: BM045933.D
Acq: 09 Jun 2024 01:57

Tgt Ion:178 Resp: 44889
Ion Ratio Lower Upper
178 100
179 17.9 13.1 19.7
176 19.0 15.5 23.3

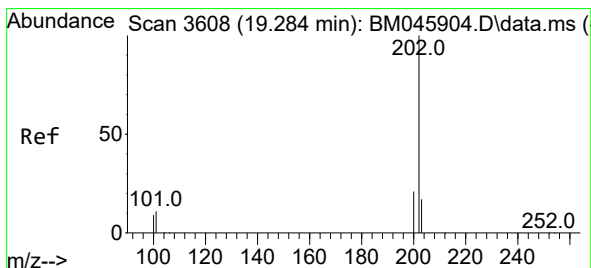
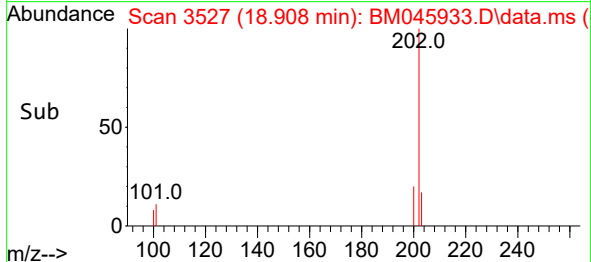
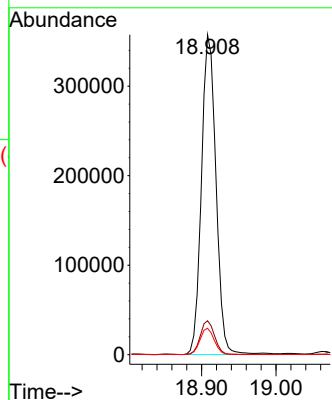
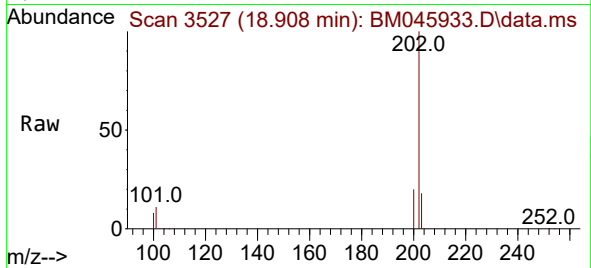




#19
Fluoranthene
Concen: 6.744 ng/ul
RT: 18.908 min Scan# 3527
Delta R.T. -0.014 min
Lab File: BM045933.D
Acq: 09 Jun 2024 01:57

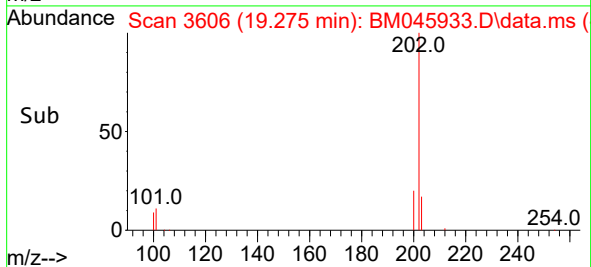
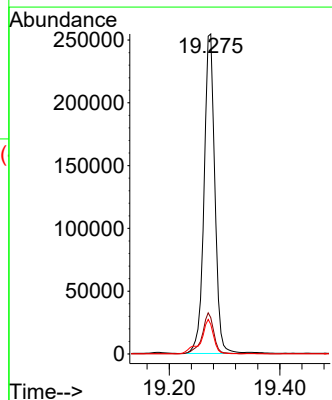
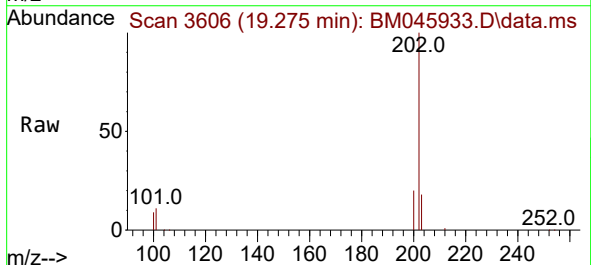
Instrument :
BNA_M
ClientSampleId :
A4C15DL

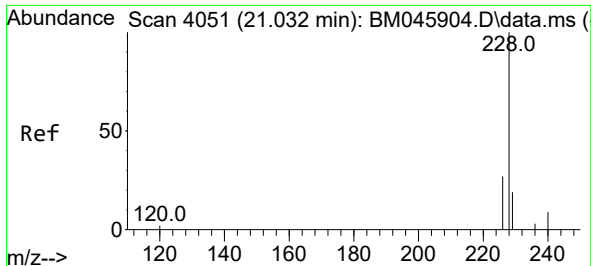
Tgt Ion:202 Resp: 484011
Ion Ratio Lower Upper
202 100
101 10.6 9.0 13.6
100 8.3 7.0 10.6



#20
Pyrene
Concen: 4.639 ng/ul
RT: 19.275 min Scan# 3606
Delta R.T. -0.009 min
Lab File: BM045933.D
Acq: 09 Jun 2024 01:57

Tgt Ion:202 Resp: 347285
Ion Ratio Lower Upper
202 100
101 11.3 10.6 16.0
100 9.3 9.1 13.7

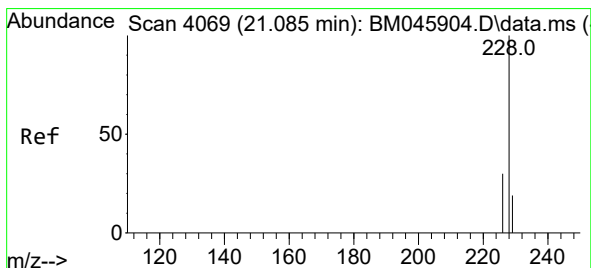
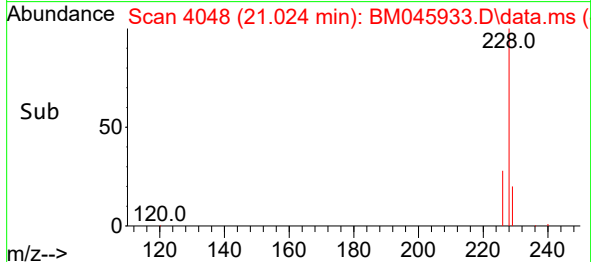
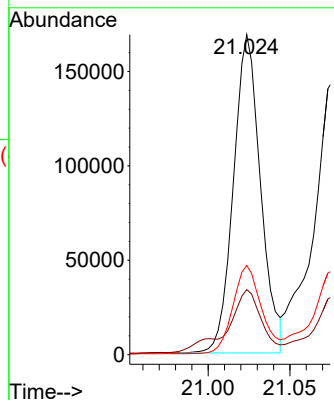
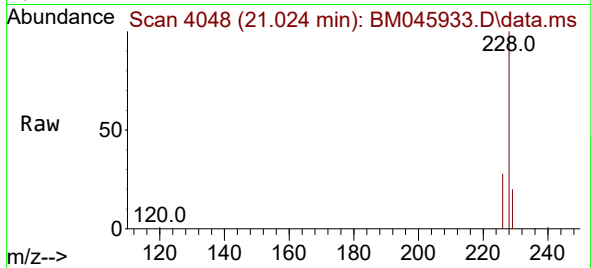




#21
Benzo(a)anthracene
Concen: 2.946 ng/ul
RT: 21.024 min Scan# 4051
Delta R.T. -0.012 min
Lab File: BM045933.D
Acq: 09 Jun 2024 01:57

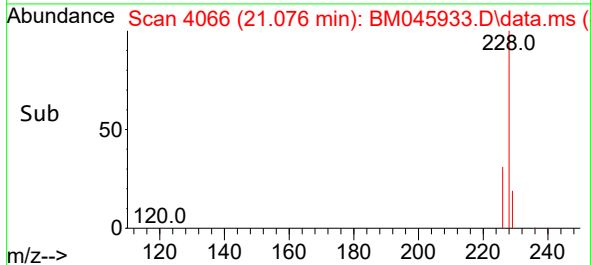
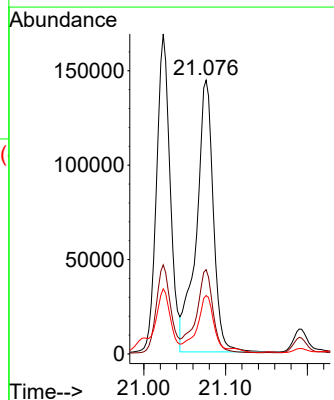
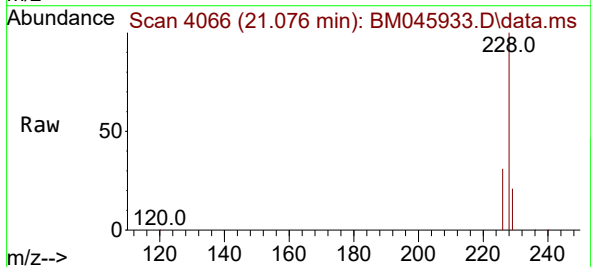
Instrument :
BNA_M
ClientSampleId :
A4C15DL

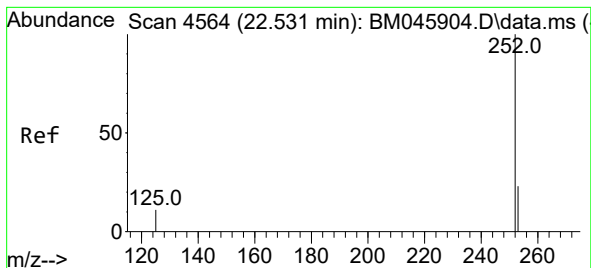
Tgt Ion:228 Resp: 194608
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 27.9 22.0 33.0



#22
Chrysene
Concen: 2.896 ng/ul
RT: 21.076 min Scan# 4066
Delta R.T. -0.012 min
Lab File: BM045933.D
Acq: 09 Jun 2024 01:57

Tgt Ion:228 Resp: 208246
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 21.3 16.2 24.2





#24

Benzo(b)fluoranthene

Concen: 5.070 ng/ul

RT: 22.525 min Scan# 4

Delta R.T. -0.012 min

Lab File: BM045933.D

Acq: 09 Jun 2024 01:57

Instrument :

BNA_M

ClientSampleId :

A4C15DL

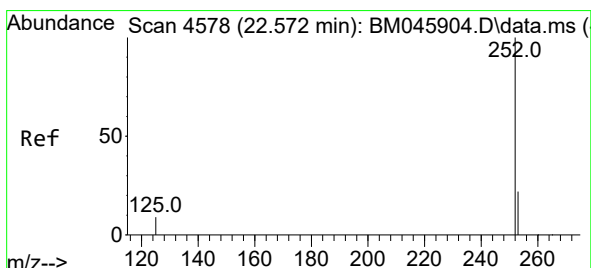
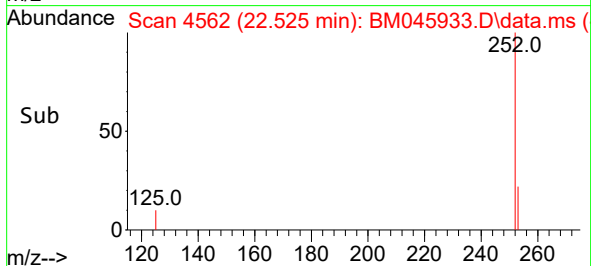
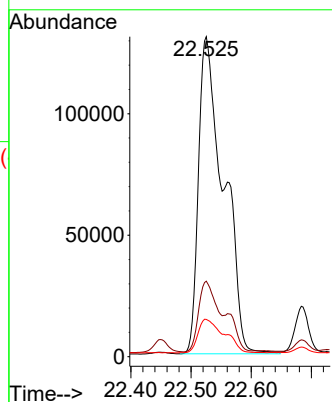
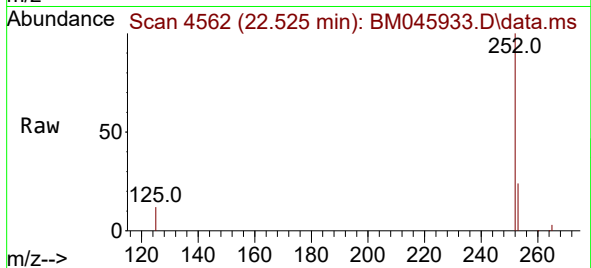
Tgt Ion:252 Resp: 378160

Ion Ratio Lower Upper

252 100

253 23.6 0.0 63.6

125 11.6 0.0 35.8



#25

Benzo(k)fluoranthene

Concen: 0.336 ng/ul

RT: 22.683 min Scan# 4616

Delta R.T. 0.102 min

Lab File: BM045933.D

Acq: 09 Jun 2024 01:57

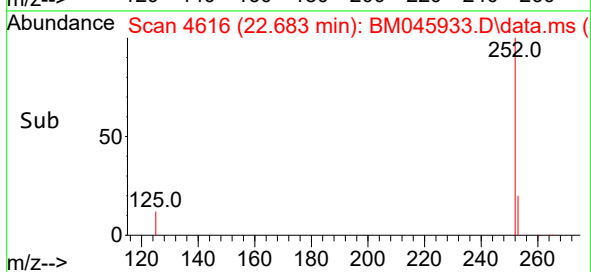
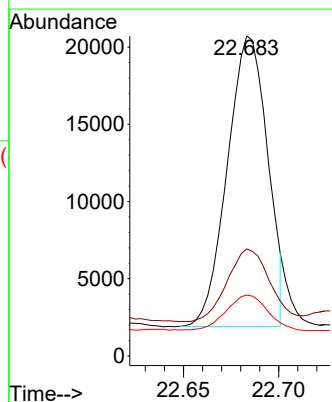
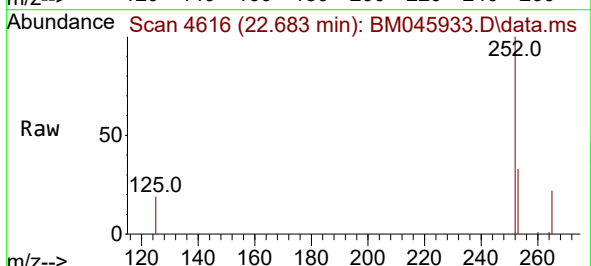
Tgt Ion:252 Resp: 27520

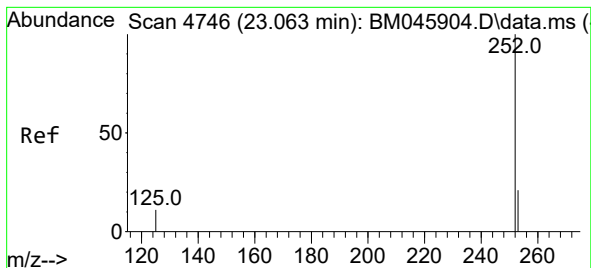
Ion Ratio Lower Upper

252 100

253 33.5 25.0 37.6

125 19.0 14.2 21.2





#26

Benzo(a)pyrene

Concen: 1.459 ng/ul

RT: 23.055 min Scan# 4743

Delta R.T. -0.017 min

Lab File: BM045933.D

Acq: 09 Jun 2024 01:57

Instrument :

BNA_M

ClientSampleId :

A4C15DL

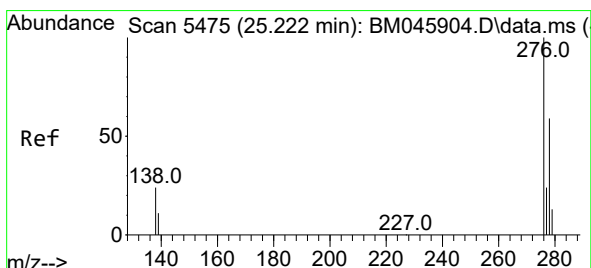
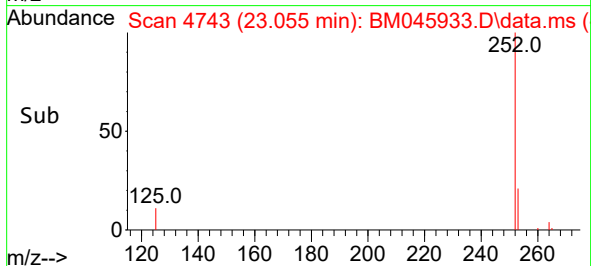
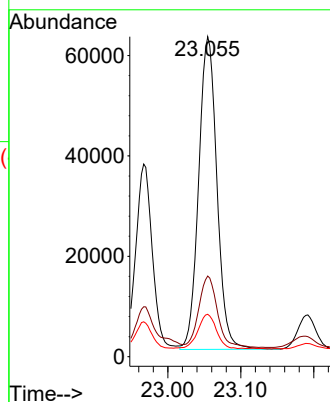
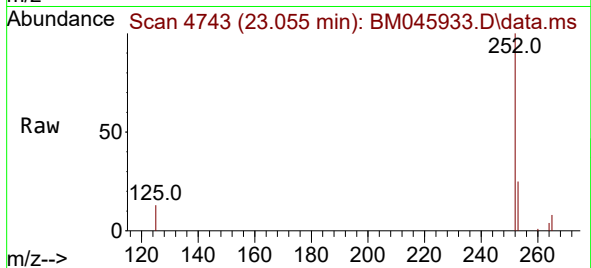
Tgt Ion:252 Resp: 108242

Ion Ratio Lower Upper

252 100

253 25.2 28.8 43.2#

125 13.2 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.056 ng/ul

RT: 25.209 min Scan# 5471

Delta R.T. -0.023 min

Lab File: BM045933.D

Acq: 09 Jun 2024 01:57

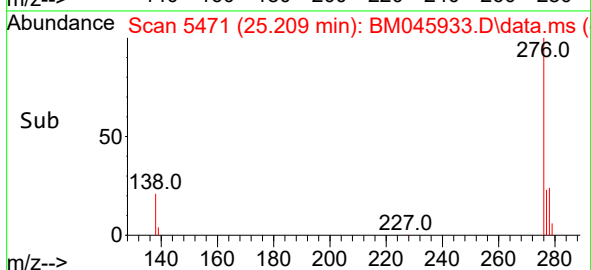
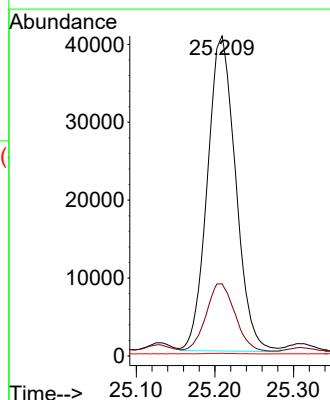
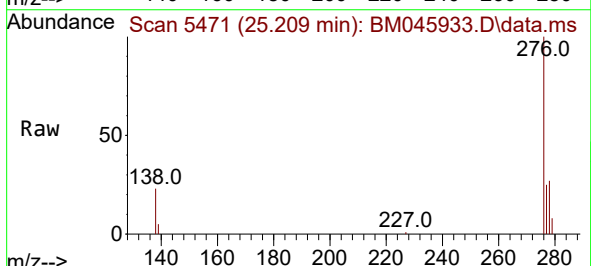
Tgt Ion:276 Resp: 101297

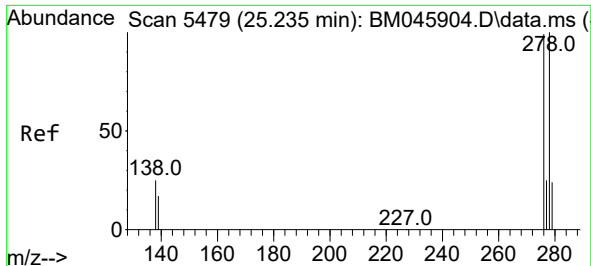
Ion Ratio Lower Upper

276 100

138 21.8 20.7 31.1

227 0.2 0.2 0.2

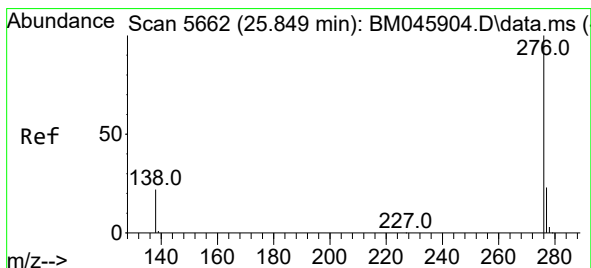
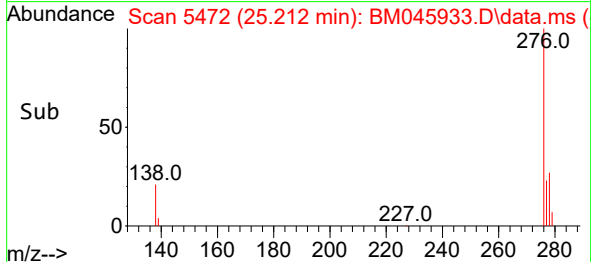
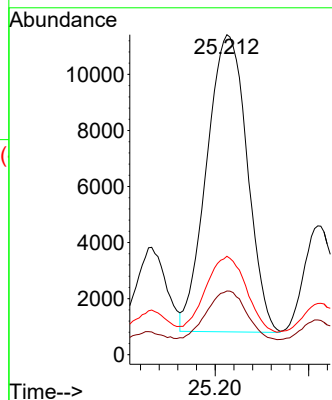
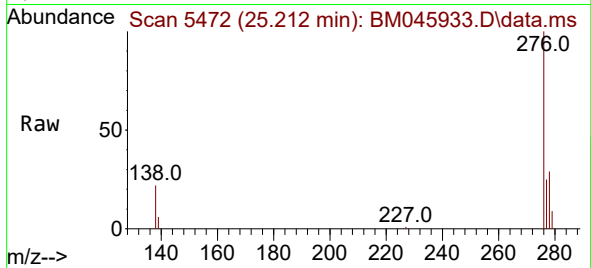




#28
Dibenzo(a,h)anthracene
Concen: 0.415 ng/ul
RT: 25.212 min Scan# 54
Delta R.T. -0.036 min
Lab File: BM045933.D
Acq: 09 Jun 2024 01:57

Instrument :
BNA_M
ClientSampleId :
A4C15DL

Tgt Ion:278 Resp: 31849
Ion Ratio Lower Upper
278 100
139 19.9 16.6 25.0
279 30.8 24.6 37.0



#29
Benzo(g,h,i)perylene
Concen: 0.188 ng/ul
RT: 25.836 min Scan# 5658
Delta R.T. -0.026 min
Lab File: BM045933.D
Acq: 09 Jun 2024 01:57

Tgt Ion:276 Resp: 15515
Ion Ratio Lower Upper
276 100
138 28.9 21.0 31.4
277 29.0 20.5 30.7

