

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045930.D
 Acq On : 09 Jun 2024 00:07
 Operator : MA/JU
 Sample : P2640-01DL 5X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BG7DL

Quant Time: Jun 10 01:30:45 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)

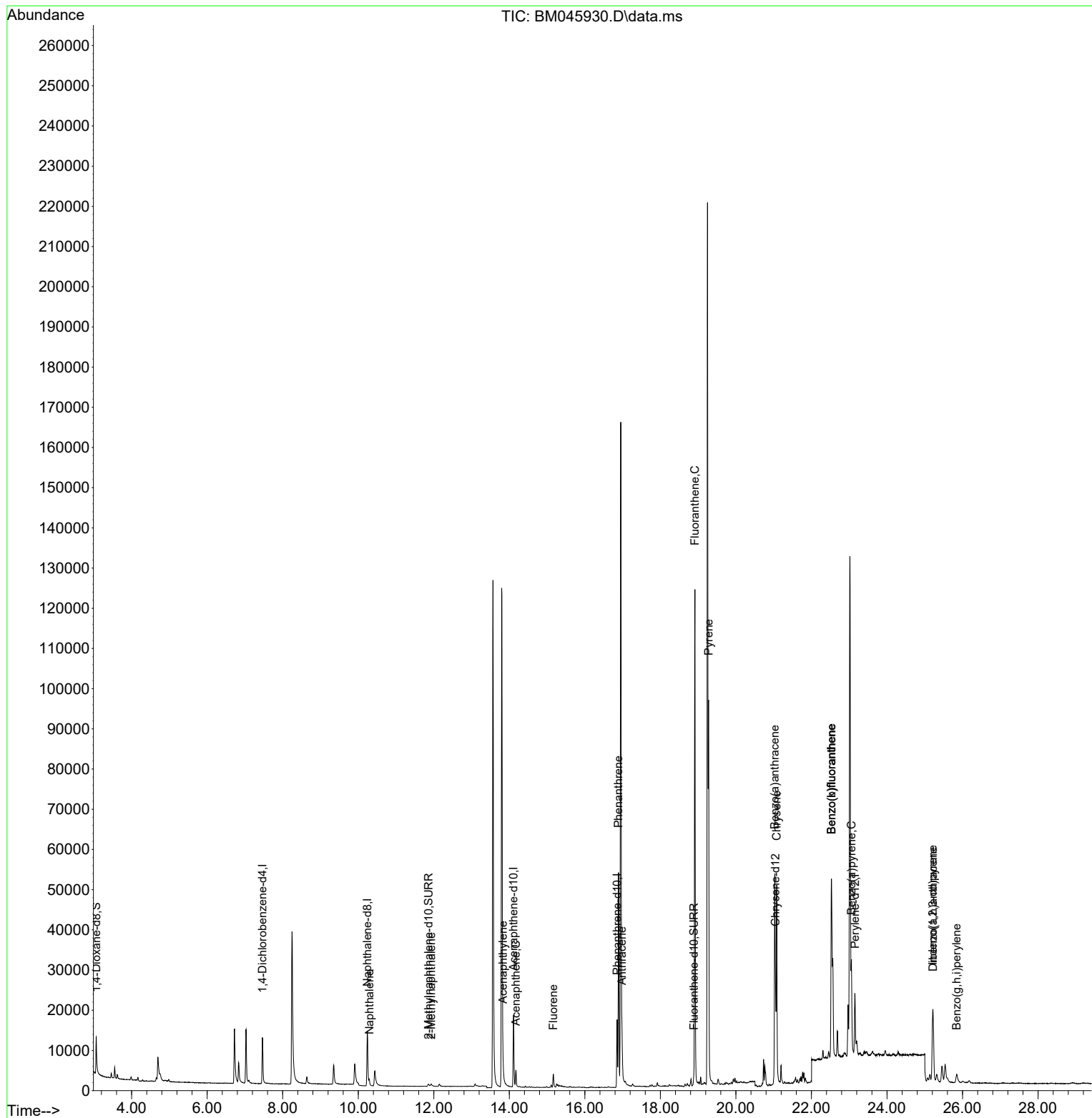
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	6252	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.242	136	19649	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	10245	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.853	188	19241	0.400	ng/ul	-0.01
17) Chrysene-d12	21.044	240	15356	0.400	ng/ul	0.00
23) Perylene-d12	23.151	264	19832	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	5833	0.819	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.859	152	1251	0.044	ng/ul	0.01
18) Fluoranthene-d10	18.885	212	2605	0.057	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.292	128	1978	0.039	ng/ul#	84
7) 2-Methylnaphthalene	11.930	142	678	0.021	ng/ul	98
10) Acenaphthylene	13.830	152	2673	0.057	ng/ul#	92
11) Acenaphthene	14.172	153	2565	0.075	ng/ul	98
12) Fluorene	15.167	166	2385	0.062	ng/ul#	98
15) Phenanthrene	16.891	178	55600	1.029	ng/ul	99
16) Anthracene	16.984	178	8049	0.175	ng/ul#	95
19) Fluoranthene	18.912	202	107551	1.756	ng/ul	98
20) Pyrene	19.275	202	79401	1.243	ng/ul	98
21) Benzo(a)anthracene	21.029	228	42745	0.758	ng/ul	98
22) Chrysene	21.079	228	51205	0.834	ng/ul	99
24) Benzo(b)fluoranthene	22.528	252	95848	1.457	ng/ul	91
25) Benzo(k)fluoranthene	22.528	252	95848	1.326	ng/ul	91
26) Benzo(a)pyrene	23.057	252	27071	0.414	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.212	276	26353	0.312	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.222	278	8001	0.118	ng/ul#	84
29) Benzo(g,h,i)perylene	25.843	276	4237	0.058	ng/ul#	75

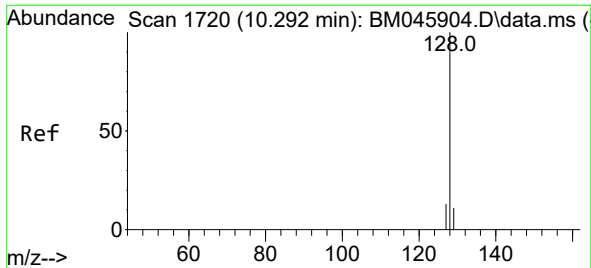
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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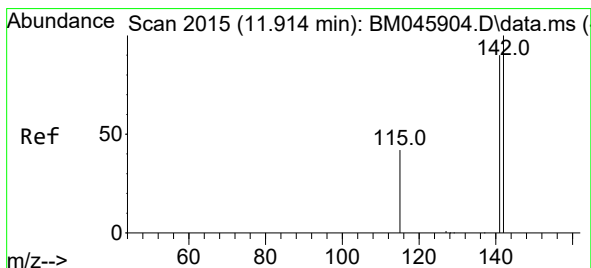
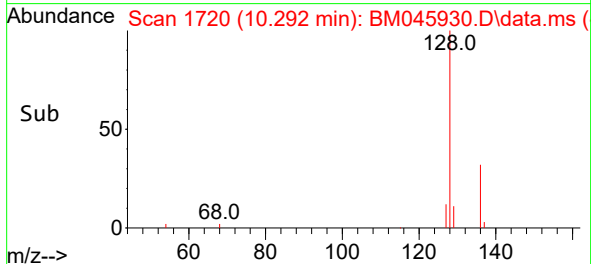
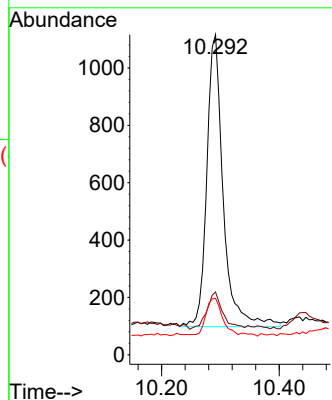
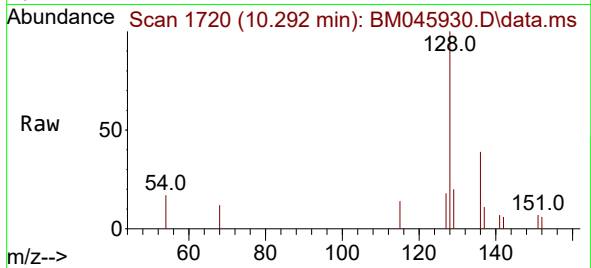




#5
Naphthalene
Concen: 0.039 ng/ul
RT: 10.292 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM045930.D
Acq: 09 Jun 2024 00:07

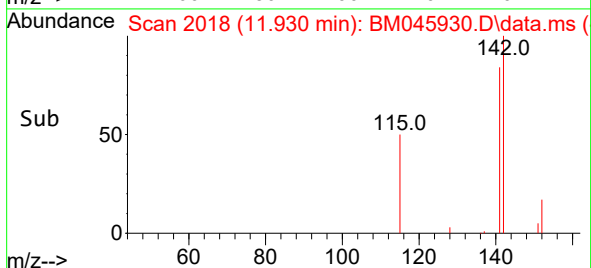
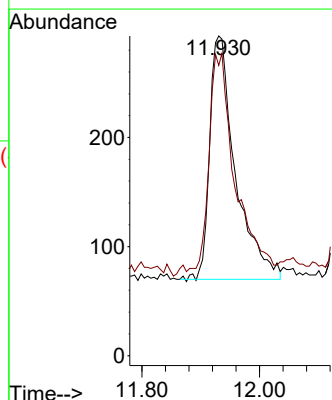
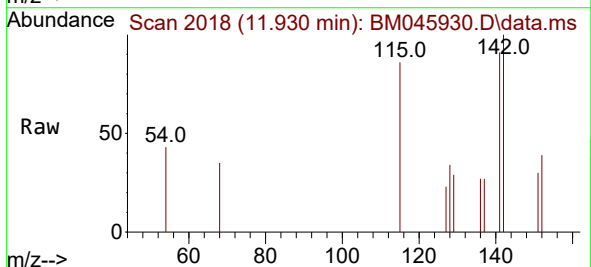
Instrument :
BNA_M
ClientSampleId :
A4BG7DL

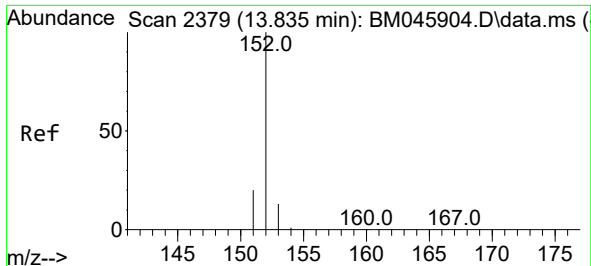
Tgt Ion:128 Resp: 1978
Ion Ratio Lower Upper
128 100
129 19.6 9.4 14.0#
127 17.7 10.6 15.8#



#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 11.930 min Scan# 2018
Delta R.T. 0.011 min
Lab File: BM045930.D
Acq: 09 Jun 2024 00:07

Tgt Ion:142 Resp: 678
Ion Ratio Lower Upper
142 100
141 88.1 72.2 108.4

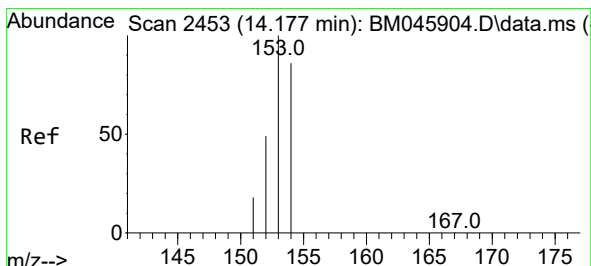
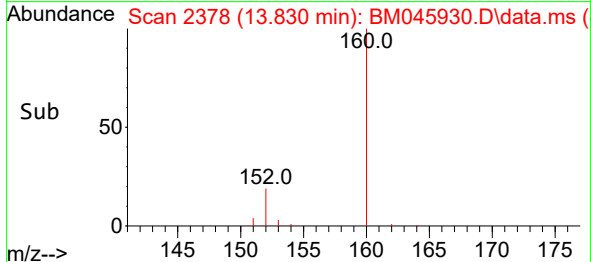
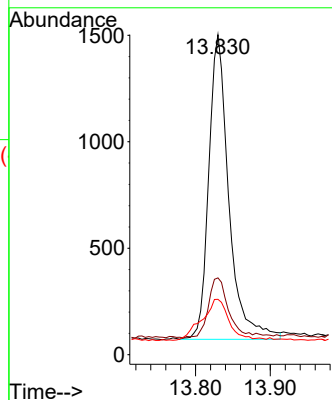
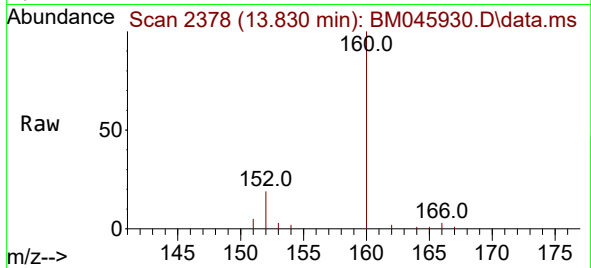




#10
Acenaphthylene
Concen: 0.057 ng/ul
RT: 13.830 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM045930.D
Acq: 09 Jun 2024 00:07

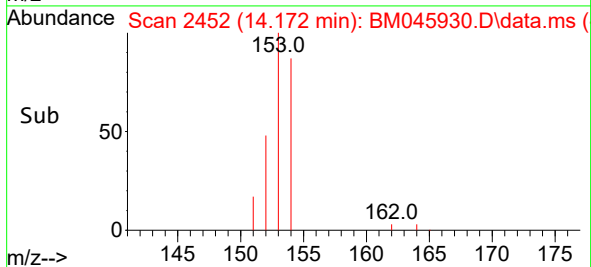
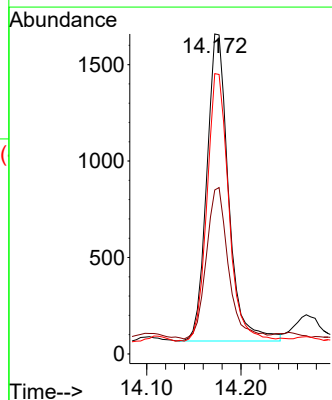
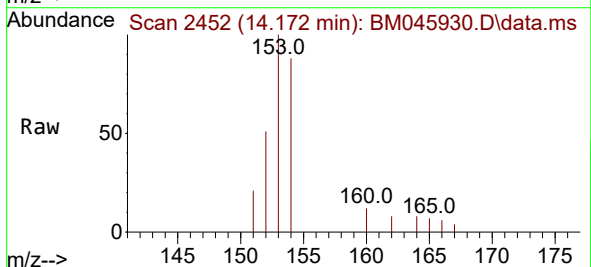
Instrument :
BNA_M
ClientSampleId :
A4BG7DL

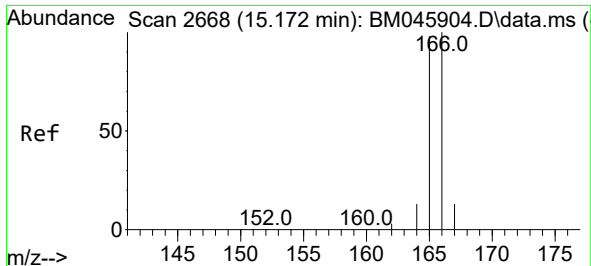
Tgt Ion:152 Resp: 2673
Ion Ratio Lower Upper
152 100
151 24.0 16.4 24.6
153 17.3 11.1 16.7#



#11
Acenaphthene
Concen: 0.075 ng/ul
RT: 14.172 min Scan# 2452
Delta R.T. -0.009 min
Lab File: BM045930.D
Acq: 09 Jun 2024 00:07

Tgt Ion:153 Resp: 2565
Ion Ratio Lower Upper
153 100
152 51.2 39.0 58.4
154 87.6 69.4 104.2

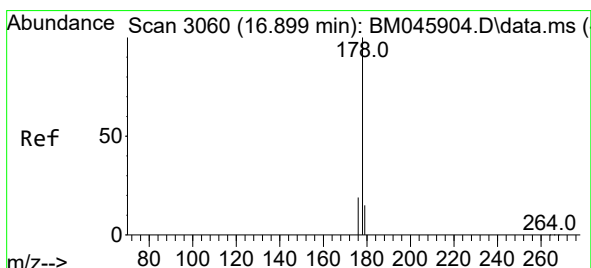
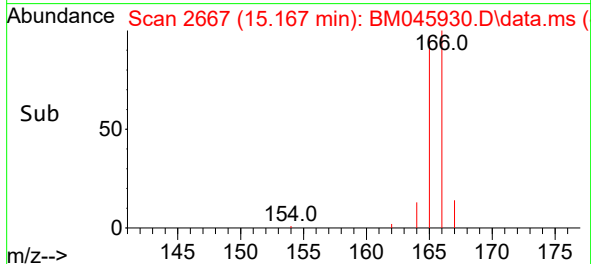
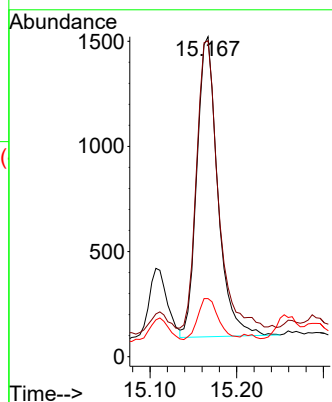
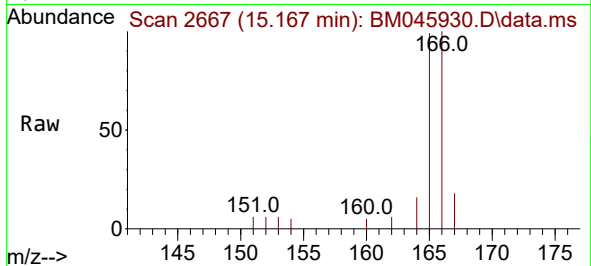




#12
Fluorene
Concen: 0.062 ng/ul
RT: 15.167 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BM045930.D
Acq: 09 Jun 2024 00:07

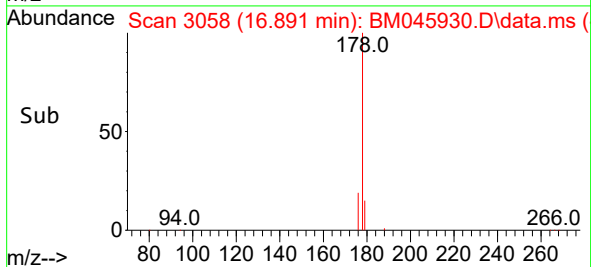
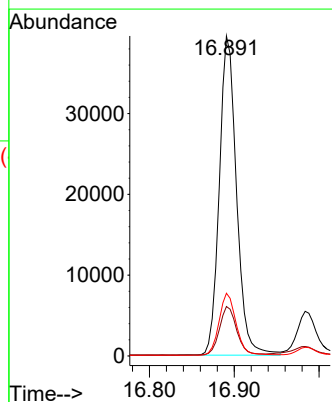
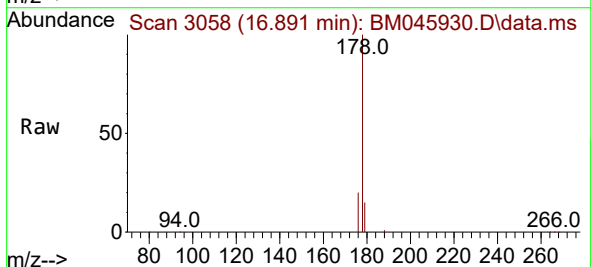
Instrument :
BNA_M
ClientSampleId :
A4BG7DL

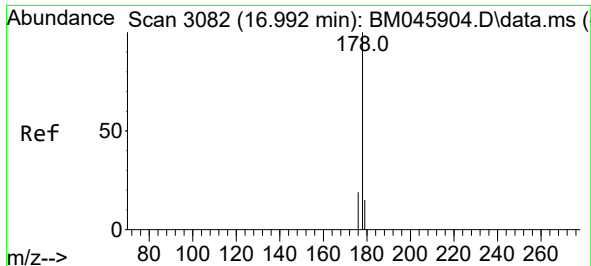
Tgt Ion:166 Resp: 2385
Ion Ratio Lower Upper
166 100
165 98.8 79.7 119.5
167 18.1 11.3 16.9#



#15
Phenanthrene
Concen: 1.029 ng/ul
RT: 16.891 min Scan# 3058
Delta R.T. -0.013 min
Lab File: BM045930.D
Acq: 09 Jun 2024 00:07

Tgt Ion:178 Resp: 55600
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 19.6 15.6 23.4

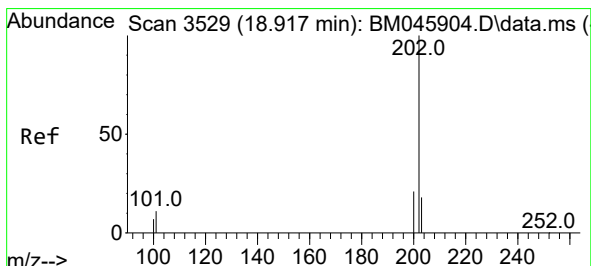
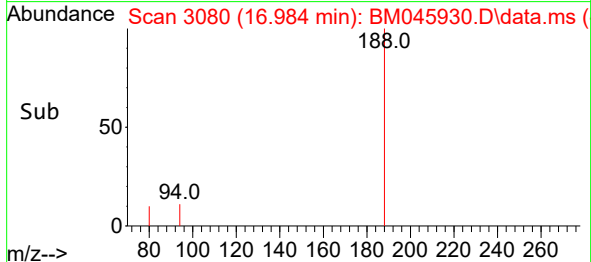
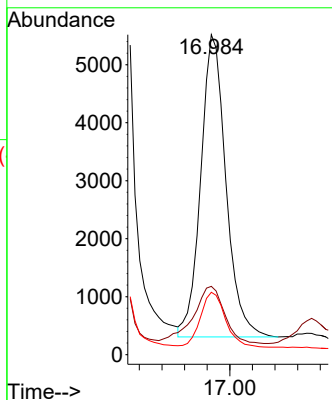
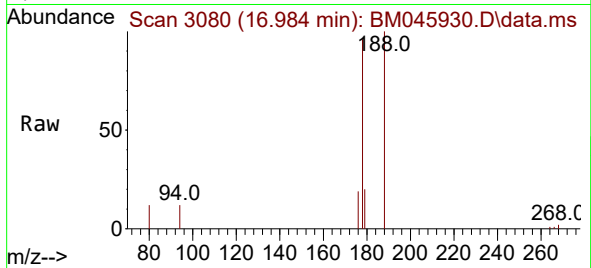




#16
Anthracene
Concen: 0.175 ng/ul
RT: 16.984 min Scan# 3080
Delta R.T. -0.013 min
Lab File: BM045930.D
Acq: 09 Jun 2024 00:07

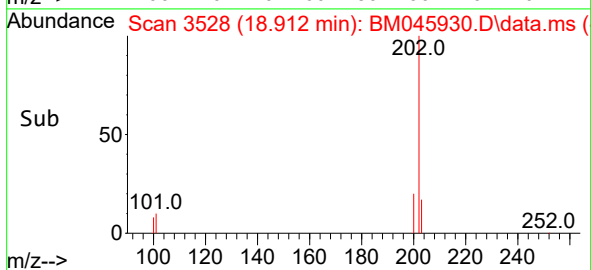
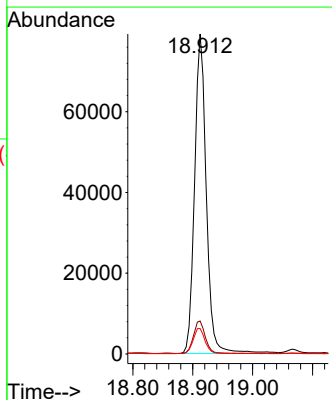
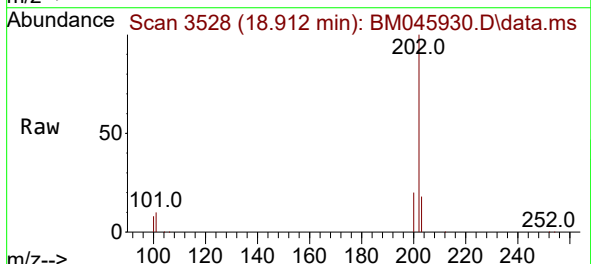
Instrument :
BNA_M
ClientSampleId :
A4BG7DL

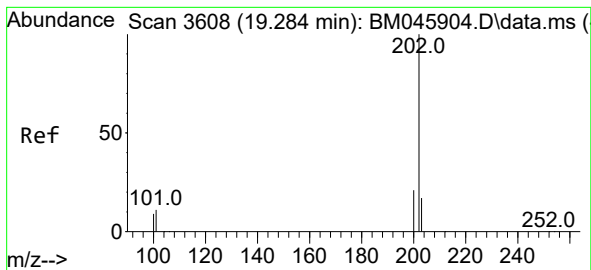
Tgt Ion:178 Resp: 8049
Ion Ratio Lower Upper
178 100
179 21.3 13.1 19.7#
176 19.5 15.5 23.3



#19
Fluoranthene
Concen: 1.756 ng/ul
RT: 18.912 min Scan# 3528
Delta R.T. -0.009 min
Lab File: BM045930.D
Acq: 09 Jun 2024 00:07

Tgt Ion:202 Resp: 107551
Ion Ratio Lower Upper
202 100
101 10.3 9.0 13.6
100 8.0 7.0 10.6





#20

Pyrene

Concen: 1.243 ng/ul

RT: 19.275 min Scan# 3

Delta R.T. -0.009 min

Lab File: BM045930.D

Acq: 09 Jun 2024 00:07

Instrument :

BNA_M

ClientSampleId :

A4BG7DL

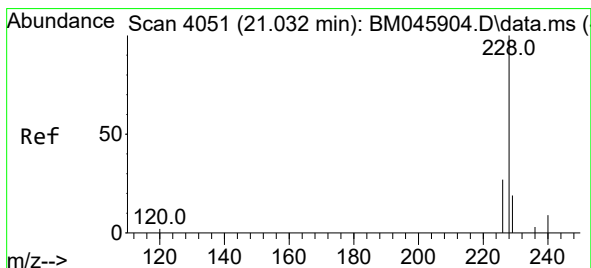
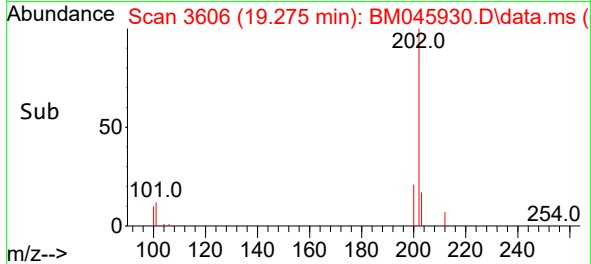
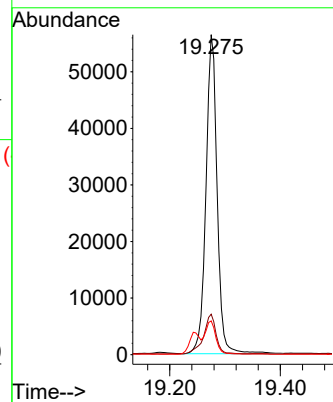
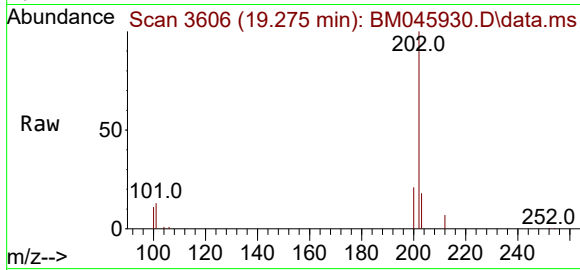
Tgt Ion:202 Resp: 79401

Ion Ratio Lower Upper

202 100

101 12.7 10.6 16.0

100 10.6 9.1 13.7



#21

Benzo(a)anthracene

Concen: 0.758 ng/ul

RT: 21.029 min Scan# 4050

Delta R.T. -0.006 min

Lab File: BM045930.D

Acq: 09 Jun 2024 00:07

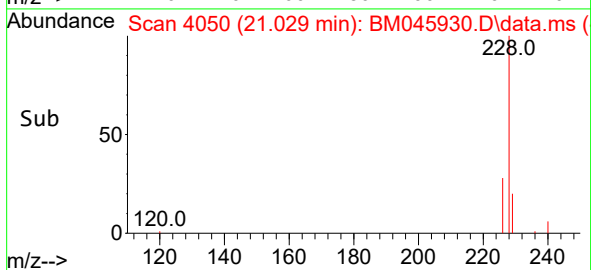
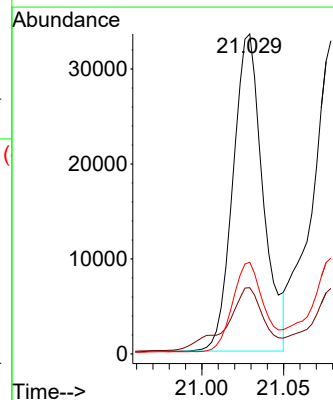
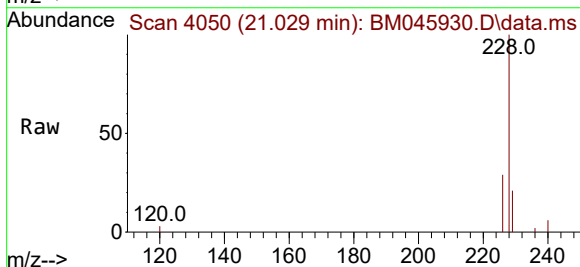
Tgt Ion:228 Resp: 42745

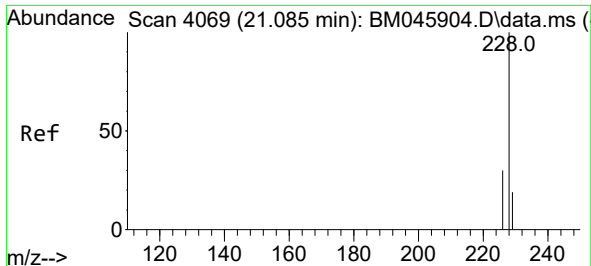
Ion Ratio Lower Upper

228 100

229 20.7 15.7 23.5

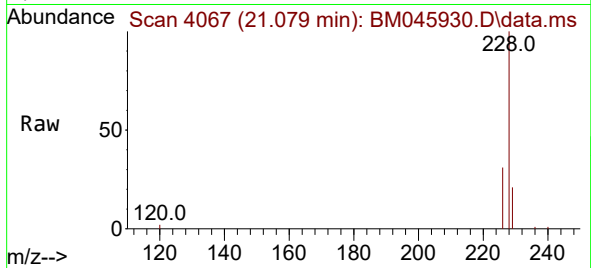
226 28.7 22.0 33.0



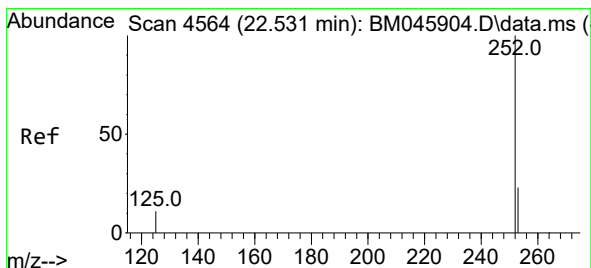
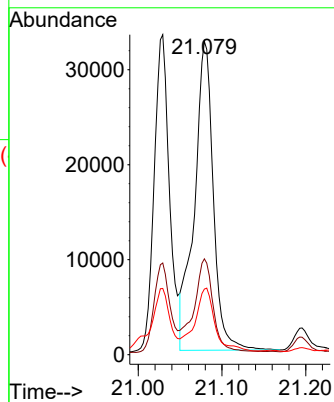
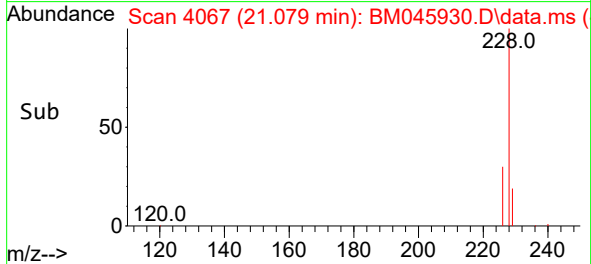


#22
Chrysene
Concen: 0.834 ng/ul
RT: 21.079 min Scan# 4067
Delta R.T. -0.009 min
Lab File: BM045930.D
Acq: 09 Jun 2024 00:07

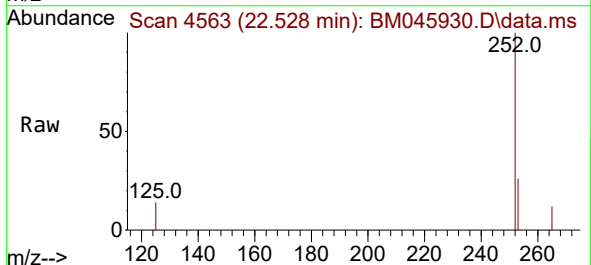
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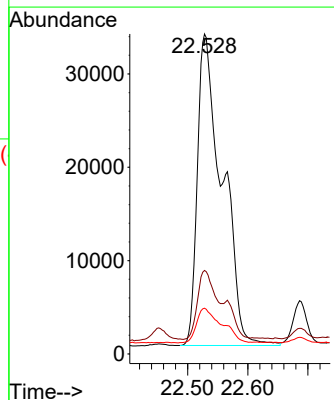
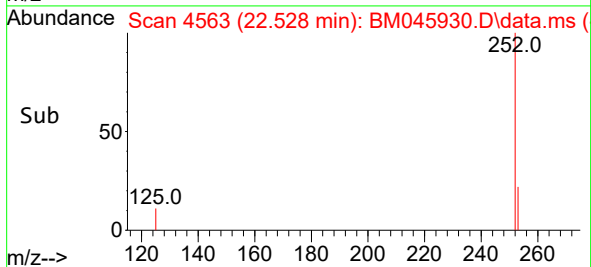
Tgt Ion:228 Resp: 51205
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 21.0 16.2 24.2

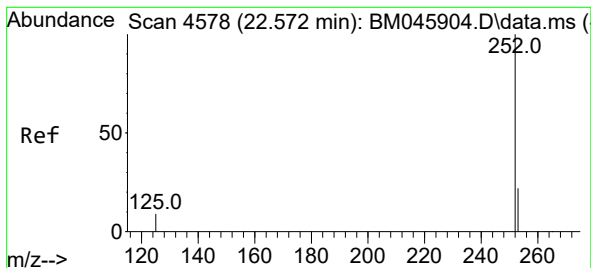


#24
Benzo(b)fluoranthene
Concen: 1.457 ng/ul
RT: 22.528 min Scan# 4563
Delta R.T. -0.009 min
Lab File: BM045930.D
Acq: 09 Jun 2024 00:07



Tgt Ion:252 Resp: 95848
Ion Ratio Lower Upper
252 100
253 26.1 0.0 63.6
125 14.3 0.0 35.8





#25

Benzo(k)fluoranthene

Concen: 1.326 ng/ul

RT: 22.528 min Scan# 4

Delta R.T. -0.053 min

Lab File: BM045930.D

Acq: 09 Jun 2024 00:07

Instrument :

BNA_M

ClientSampleId :

A4BG7DL

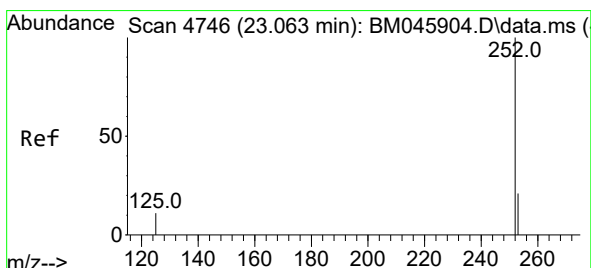
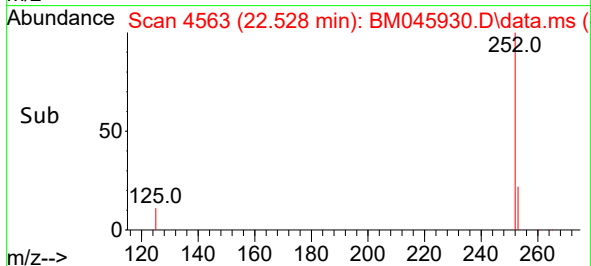
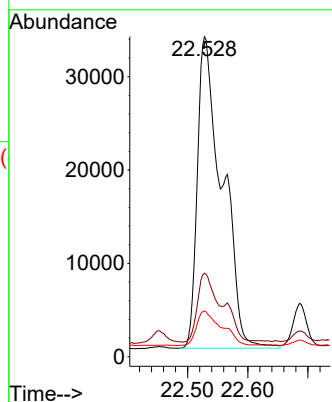
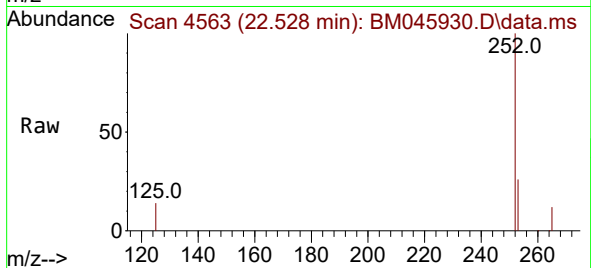
Tgt Ion:252 Resp: 95848

Ion Ratio Lower Upper

252 100

253 26.1 25.0 37.6

125 14.3 14.2 21.2



#26

Benzo(a)pyrene

Concen: 0.414 ng/ul

RT: 23.057 min Scan# 4744

Delta R.T. -0.015 min

Lab File: BM045930.D

Acq: 09 Jun 2024 00:07

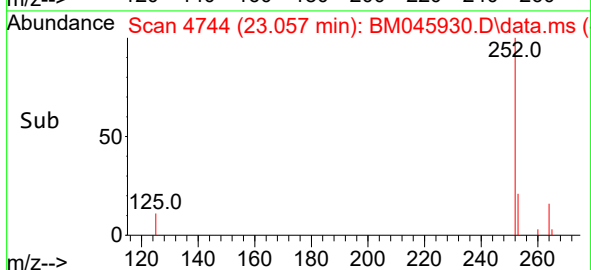
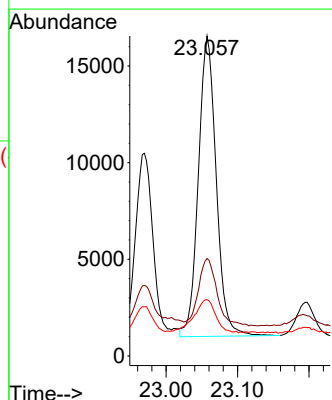
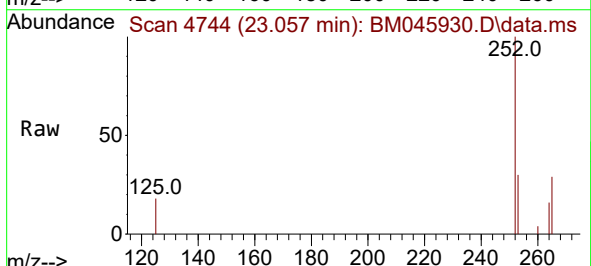
Tgt Ion:252 Resp: 27071

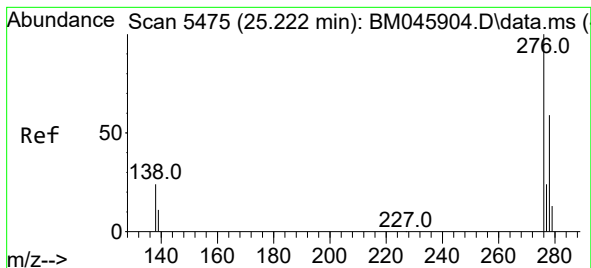
Ion Ratio Lower Upper

252 100

253 30.4 28.8 43.2

125 17.6 17.3 25.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.312 ng/ul

RT: 25.212 min Scan# 5475

Delta R.T. -0.020 min

Lab File: BM045930.D

Acq: 09 Jun 2024 00:07

Instrument :

BNA_M

ClientSampleId :

A4BG7DL

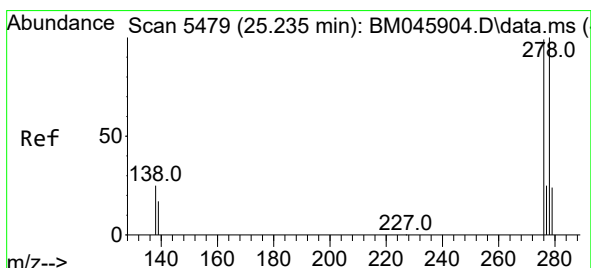
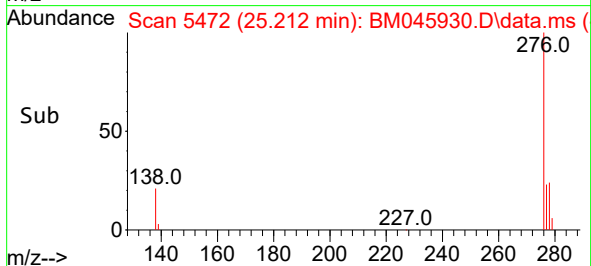
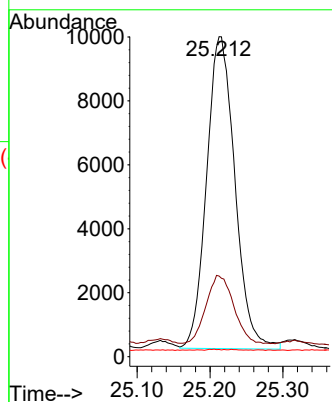
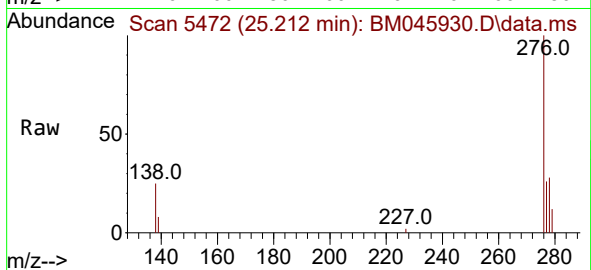
Tgt Ion:276 Resp: 26353

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: 0.118 ng/ul

RT: 25.222 min Scan# 5475

Delta R.T. -0.027 min

Lab File: BM045930.D

Acq: 09 Jun 2024 00:07

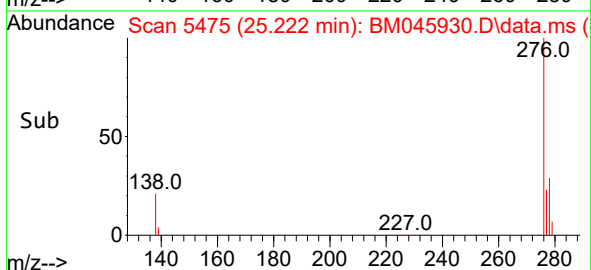
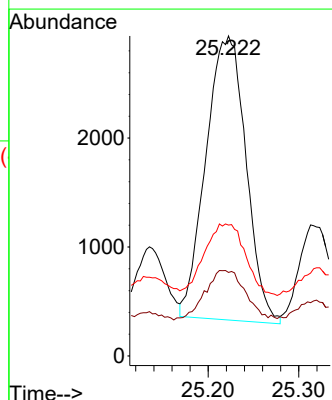
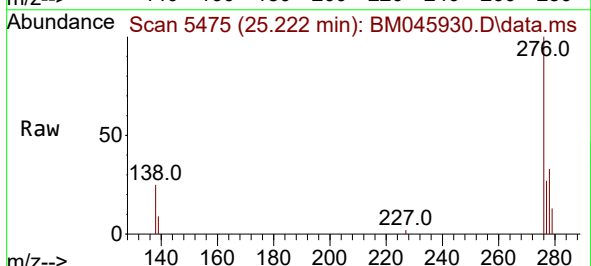
Tgt Ion:278 Resp: 8001

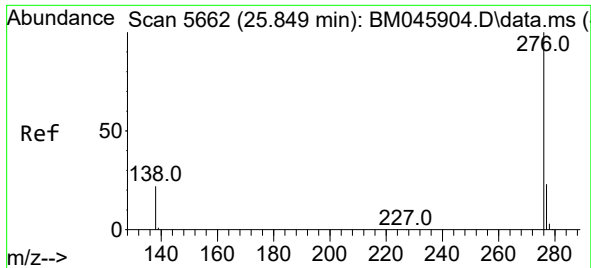
Ion Ratio Lower Upper

278 100

139 26.1 16.6 25.0#

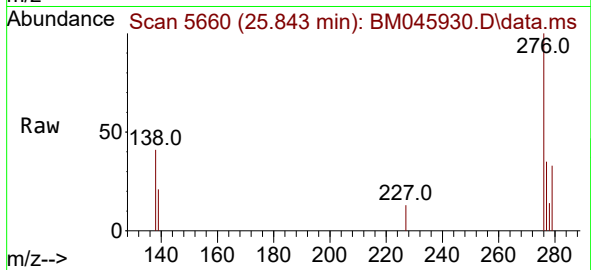
279 40.9 24.6 37.0#





#29
Benzo(g,h,i)perylene
Concen: 0.058 ng/ul
RT: 25.843 min Scan# 50
Delta R.T. -0.020 min
Lab File: BM045930.D
Acq: 09 Jun 2024 00:07

Instrument :
BNA_M
ClientSampleId :
A4BG7DL



Tgt Ion:276 Resp: 4237
Ion Ratio Lower Upper
276 100
138 41.5 21.0 31.4#
277 35.3 20.5 30.7#

