

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
 Data File : BM046814.D
 Acq On : 25 Jul 2024 23:53
 Operator : MA/JU
 Sample : P3263-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BB1

Quant Time: Jul 26 00:31:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

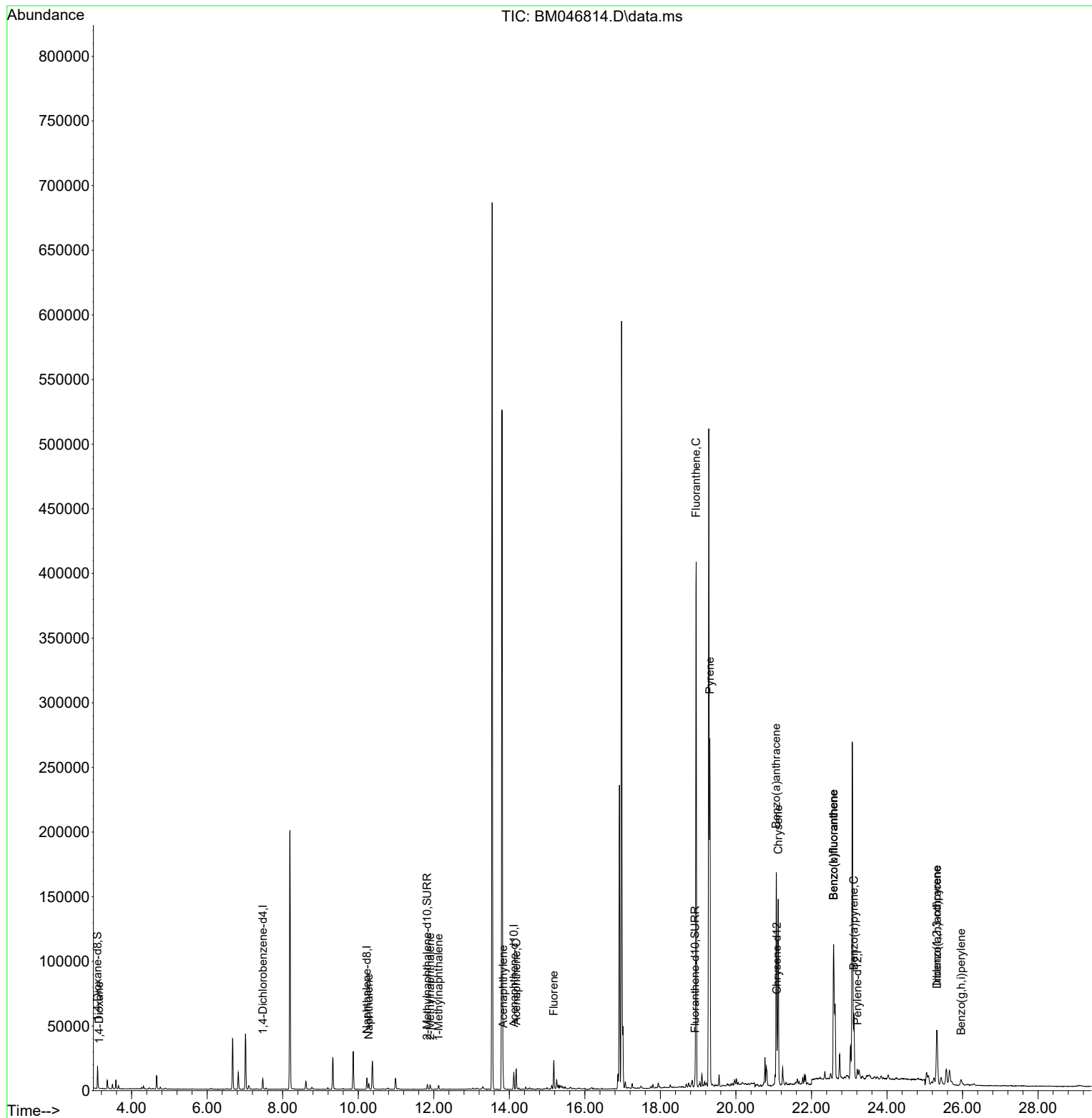
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	3951	0.400	ng/ul	0.00
4) Naphthalene-d8	10.227	136	11565	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.118	164	6945	0.400	ng/ul	0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-16.87
17) Chrysene-d12	21.084	240	6833	0.400	ng/ul	# 0.00
23) Perylene-d12	23.215	264	7902	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	10028	3.625	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.827	152	4838	0.263	ng/ul	0.00
18) Fluoranthene-d10	18.914	212	7822	0.351	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.138	88	65	0.021	ng/ul#	20
5) Naphthalene	10.276	128	5741	0.196	ng/ul	98
7) 2-Methylnaphthalene	11.904	142	2273	0.113	ng/ul	97
8) 1-Methylnaphthalene	12.130	142	1972	0.095	ng/ul	96
10) Acenaphthylene	13.836	152	10351	0.325	ng/ul	99
11) Acenaphthene	14.183	153	8847	0.410	ng/ul	98
12) Fluorene	15.177	166	13141	0.487	ng/ul	98
19) Fluoranthene	18.946	202	363020	12.097	ng/ul	99
20) Pyrene	19.309	202	234543	7.555	ng/ul	100
21) Benzo(a)anthracene	21.067	228	138136	4.851	ng/ul	98
22) Chrysene	21.119	228	133298	4.608	ng/ul	98
24) Benzo(b)fluoranthene	22.586	252	228301	6.581	ng/ul	93
25) Benzo(k)fluoranthene	22.586	252	228301	6.530	ng/ul#	90
26) Benzo(a)pyrene	23.124	252	62818	2.522	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.319	276	61828	1.613	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.326	278	21540	0.768	ng/ul#	91
29) Benzo(g,h,i)perylene	25.963	276	9603	0.284	ng/ul#	76

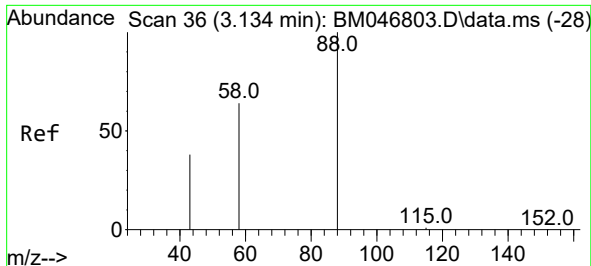
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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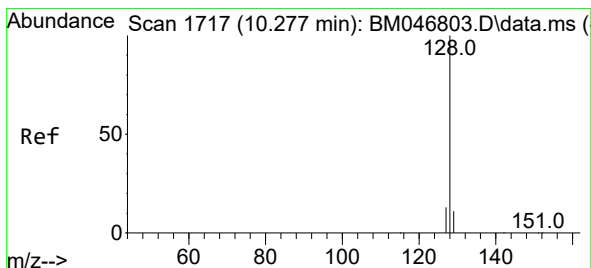
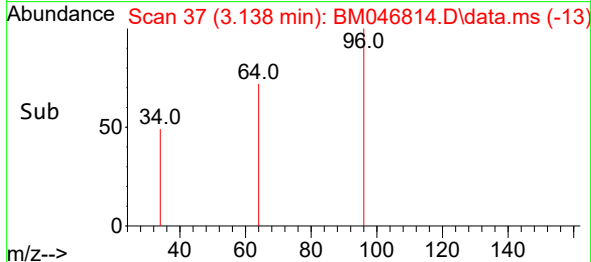
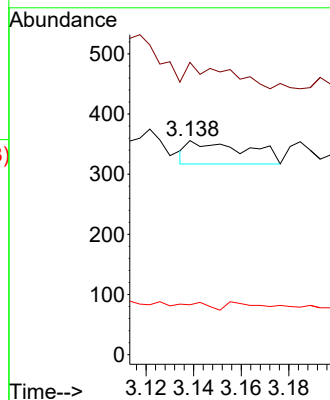
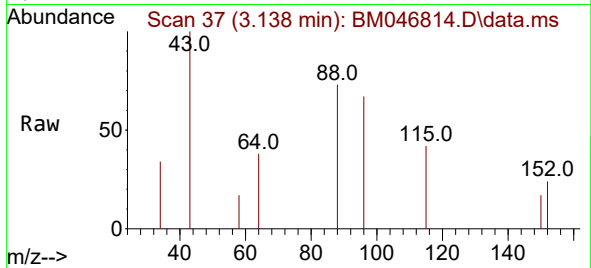




#2
1,4-Dioxane
Concen: 0.021 ng/ul
RT: 3.138 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53

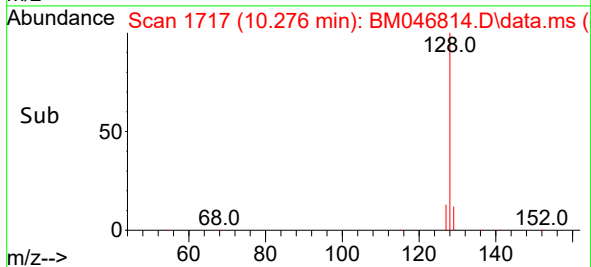
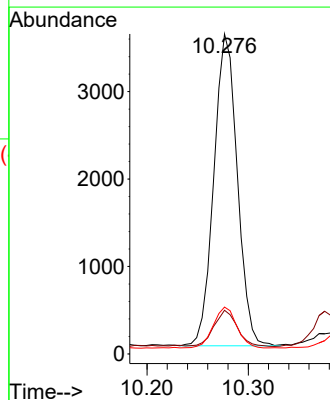
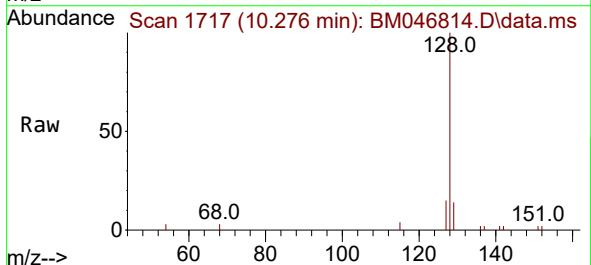
Instrument :
BNA_M
ClientSampleId :
A4BB1

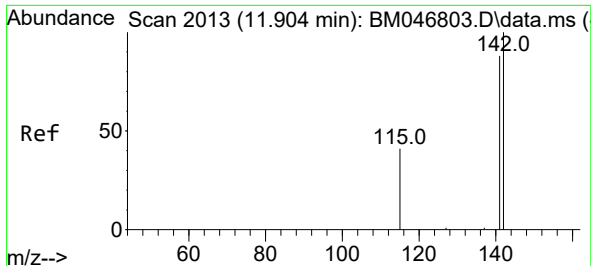
Tgt Ion: 88 Resp: 65
Ion Ratio Lower Upper
88 100
43 136.5 42.1 63.1#
58 23.3 38.3 57.5#



#5
Naphthalene
Concen: 0.196 ng/ul
RT: 10.276 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53

Tgt Ion:128 Resp: 5741
Ion Ratio Lower Upper
128 100
129 13.7 10.1 15.1
127 14.6 11.5 17.3

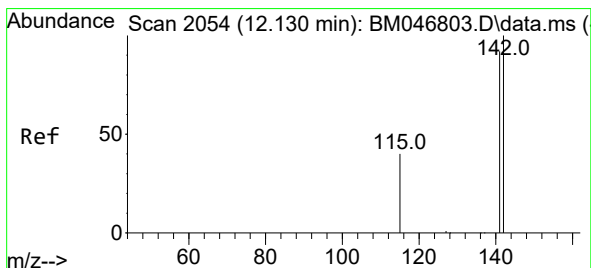
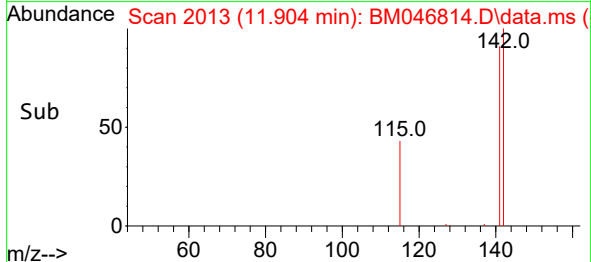
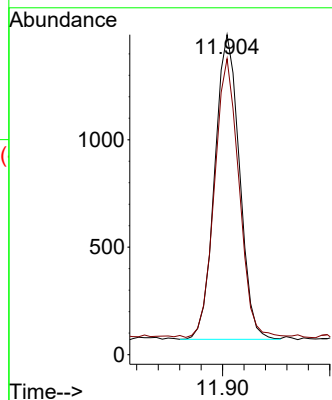
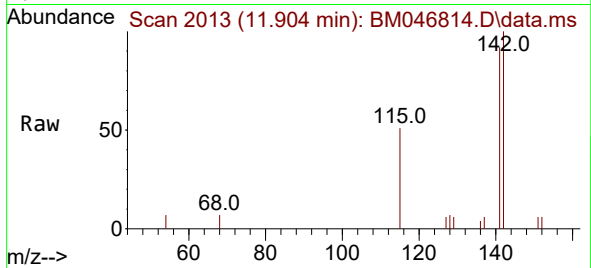




#7
2-Methylnaphthalene
Concen: 0.113 ng/ul
RT: 11.904 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53

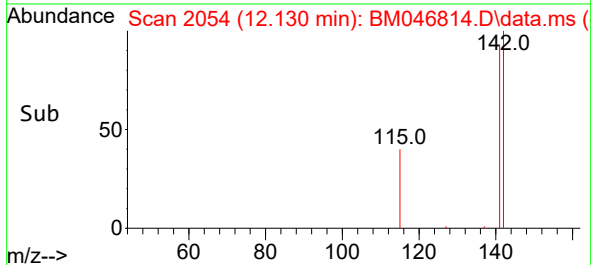
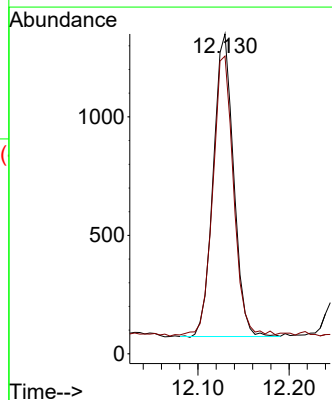
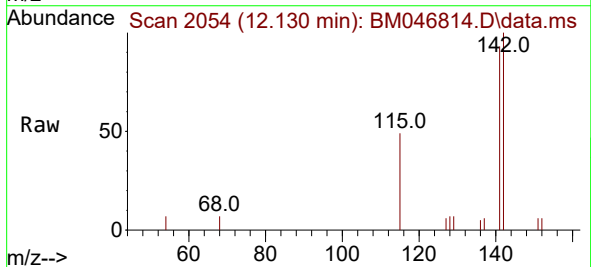
Instrument :
BNA_M
ClientSampleId :
A4BB1

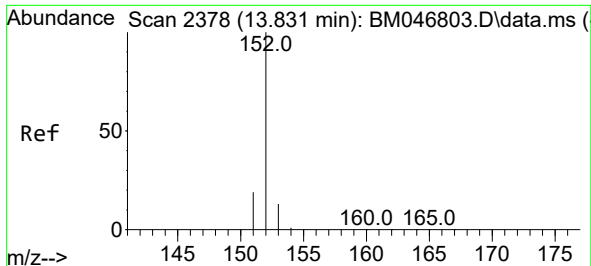
Tgt Ion:142 Resp: 2273
Ion Ratio Lower Upper
142 100
141 90.7 70.5 105.7



#8
1-Methylnaphthalene
Concen: 0.095 ng/ul
RT: 12.130 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53

Tgt Ion:142 Resp: 1972
Ion Ratio Lower Upper
142 100
141 95.5 73.1 109.7

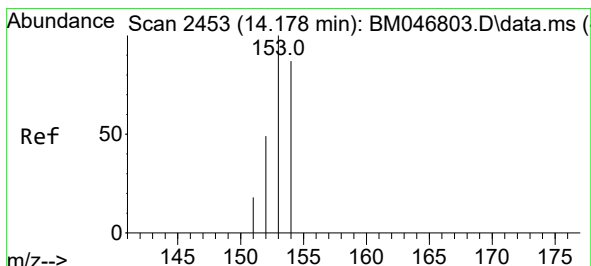
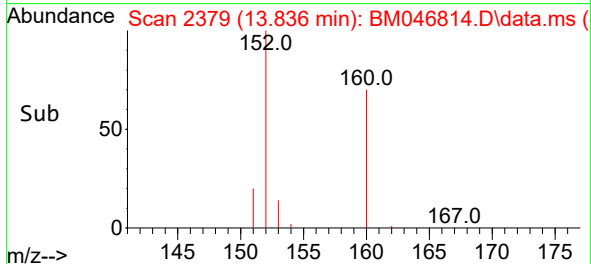
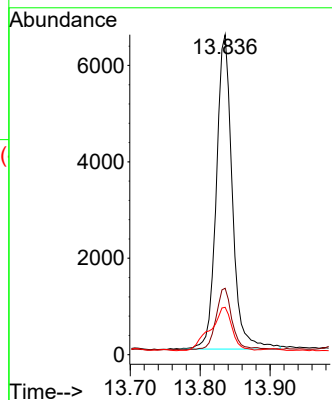
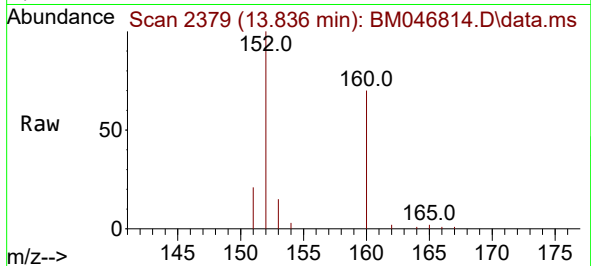




#10
Acenaphthylene
Concen: 0.325 ng/ul
RT: 13.836 min Scan# 21
Delta R.T. 0.004 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53

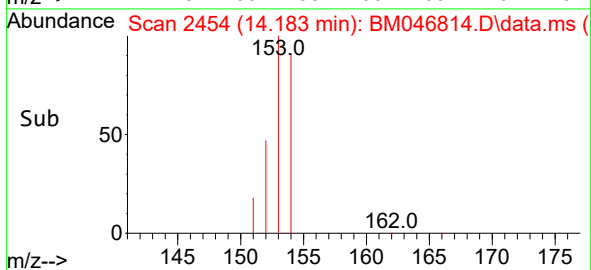
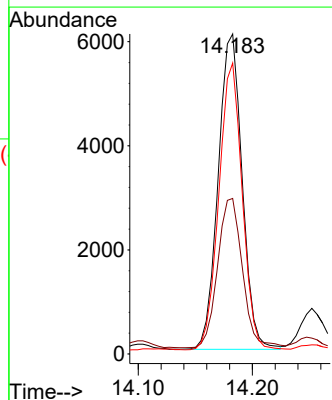
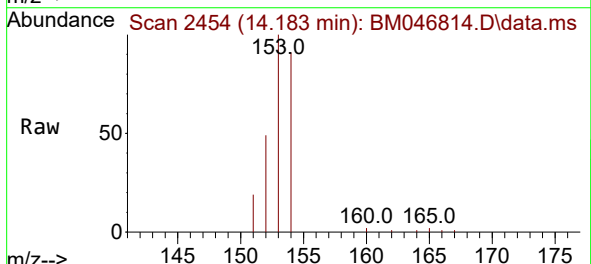
Instrument :
BNA_M
ClientSampleId :
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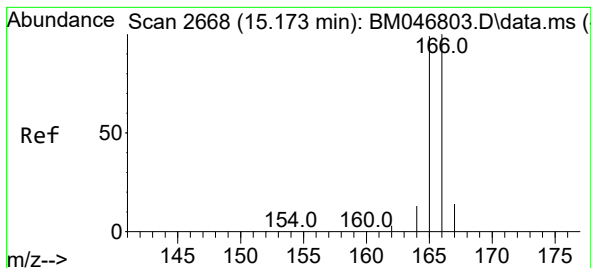
Tgt Ion:152 Resp: 10351
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 14.8 11.0 16.6



#11
Acenaphthene
Concen: 0.410 ng/ul
RT: 14.183 min Scan# 2454
Delta R.T. -0.000 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53

Tgt Ion:153 Resp: 8847
Ion Ratio Lower Upper
153 100
152 48.6 38.6 57.8
154 90.9 70.8 106.2





#12

Fluorene

Concen: 0.487 ng/ul

RT: 15.177 min Scan# 2

Delta R.T. -0.000 min

Lab File: BM046814.D

Acq: 25 Jul 2024 23:53

Instrument :

BNA_M

ClientSampleId :

A4BB1

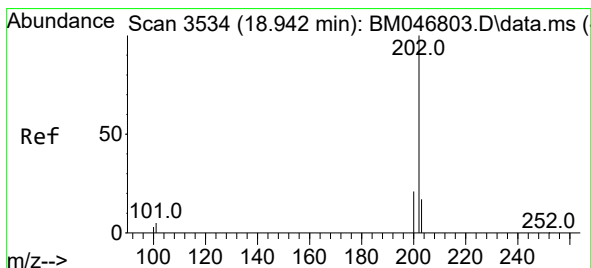
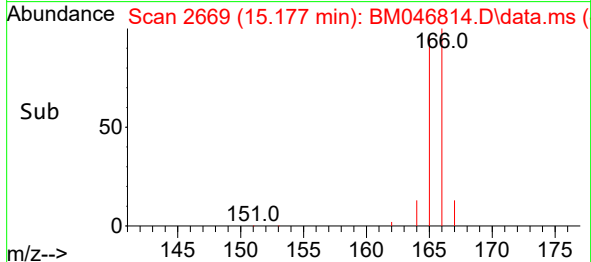
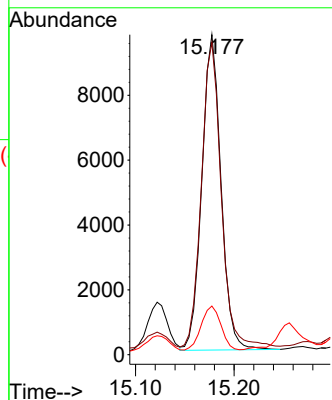
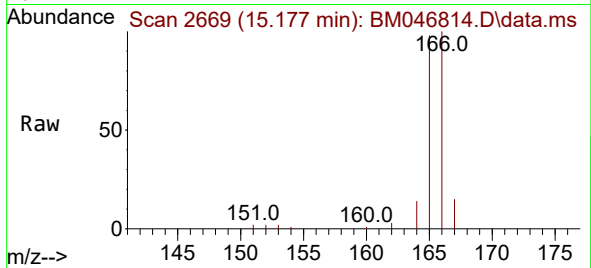
Tgt Ion:166 Resp: 13141

Ion Ratio Lower Upper

166 100

165 97.5 79.8 119.6

167 15.2 12.3 18.5



#19

Fluoranthene

Concen: 12.097 ng/ul

RT: 18.946 min Scan# 3535

Delta R.T. 0.005 min

Lab File: BM046814.D

Acq: 25 Jul 2024 23:53

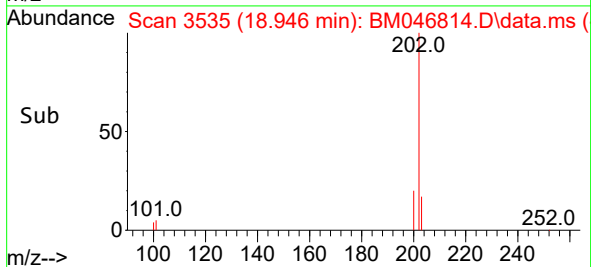
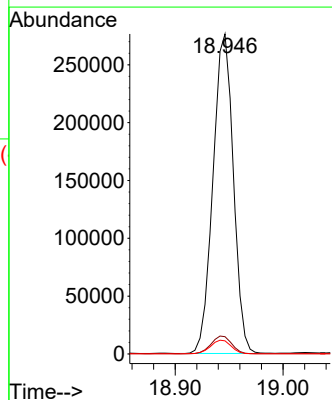
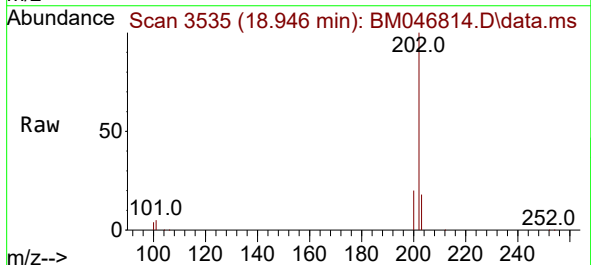
Tgt Ion:202 Resp: 363020

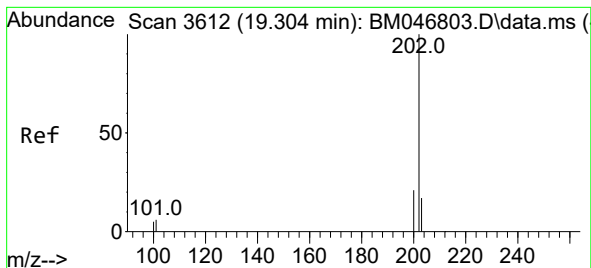
Ion Ratio Lower Upper

202 100

101 5.4 4.7 7.1

100 4.1 3.4 5.2





#20

Pyrene

Concen: 7.555 ng/ul

RT: 19.309 min Scan# 3

Delta R.T. 0.005 min

Lab File: BM046814.D

Acq: 25 Jul 2024 23:53

Instrument :

BNA_M

ClientSampleId :

A4BB1

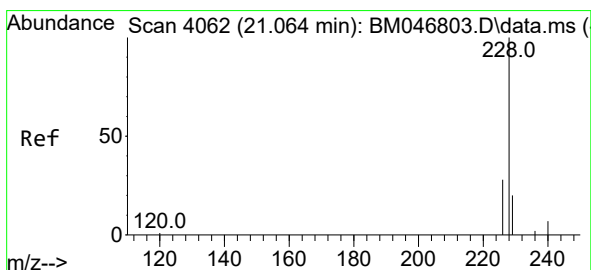
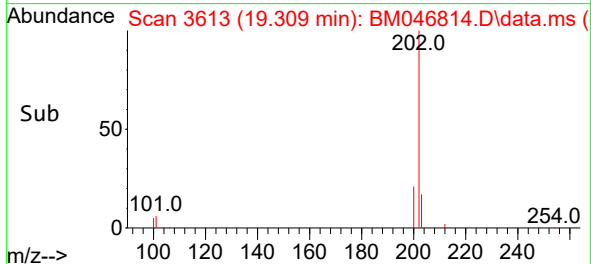
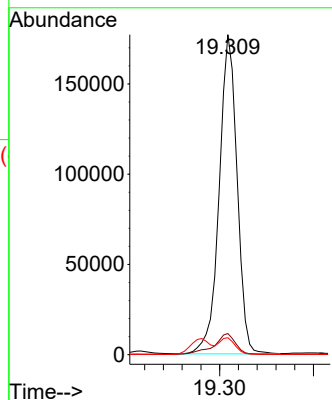
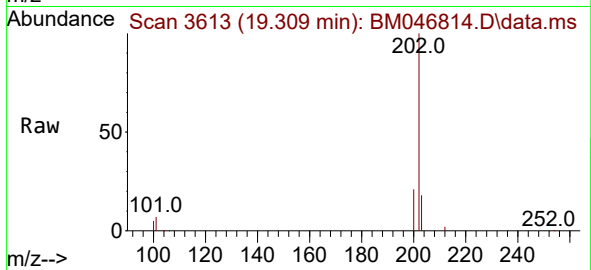
Tgt Ion:202 Resp: 234543

Ion Ratio Lower Upper

202 100

101 6.6 5.2 7.8

100 5.3 4.3 6.5



#21

Benzo(a)anthracene

Concen: 4.851 ng/ul

RT: 21.067 min Scan# 4063

Delta R.T. 0.003 min

Lab File: BM046814.D

Acq: 25 Jul 2024 23:53

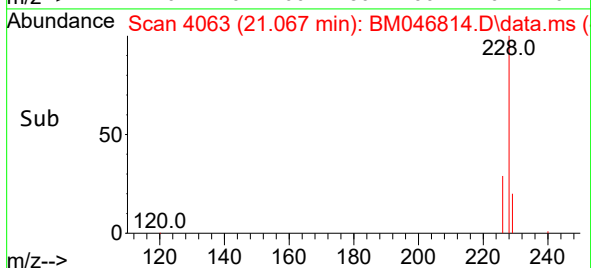
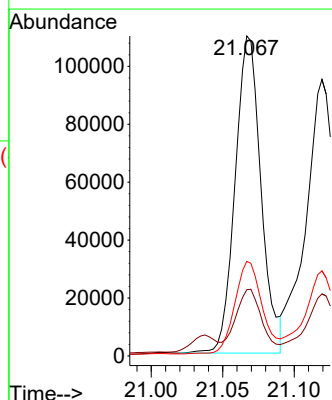
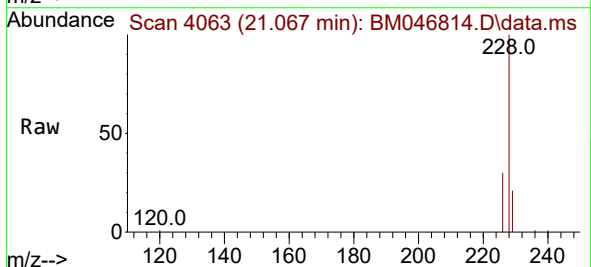
Tgt Ion:228 Resp: 138136

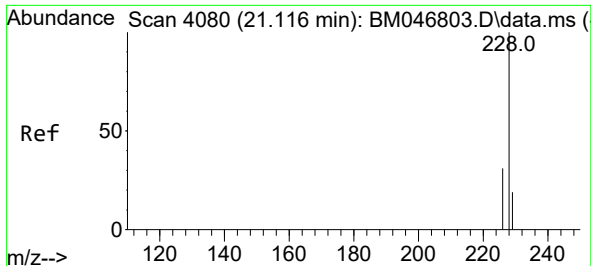
Ion Ratio Lower Upper

228 100

229 20.7 16.3 24.5

226 29.5 22.3 33.5

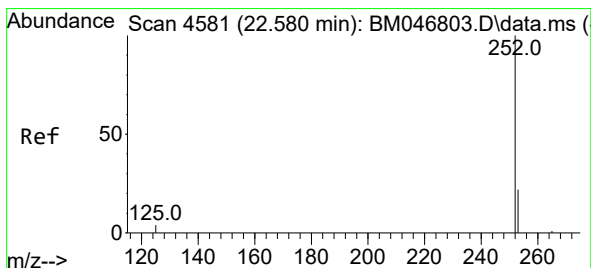
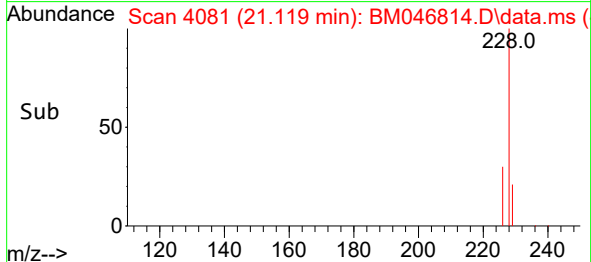
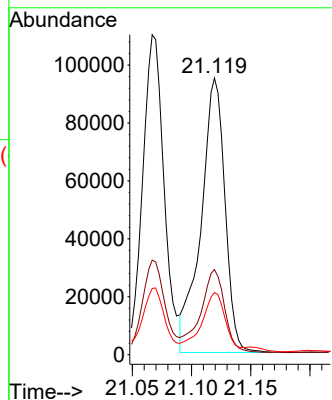
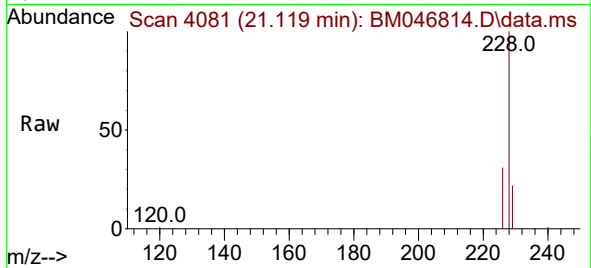




#22
Chrysene
Concen: 4.608 ng/ul
RT: 21.119 min Scan# 4081
Delta R.T. 0.003 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53

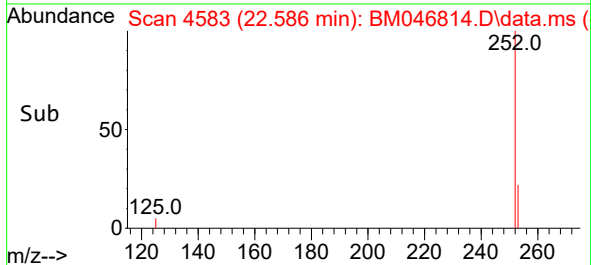
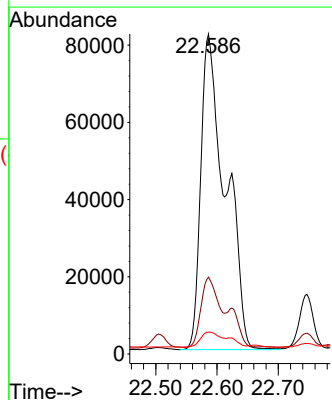
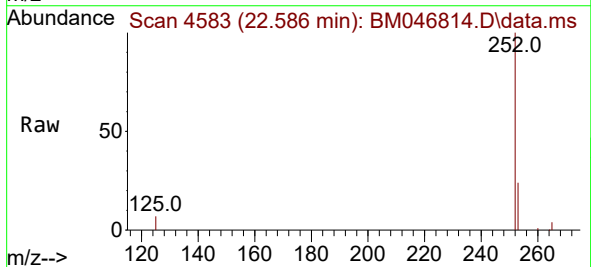
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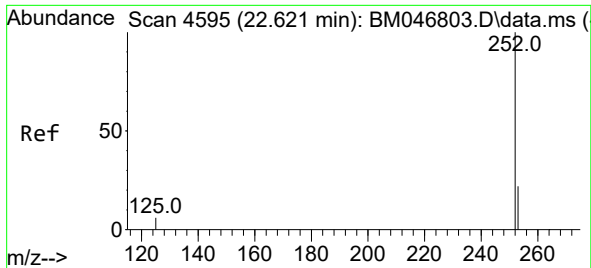
Tgt Ion:228 Resp: 133298
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 22.4 16.2 24.2



#24
Benzo(b)fluoranthene
Concen: 6.581 ng/ul
RT: 22.586 min Scan# 4583
Delta R.T. 0.006 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53

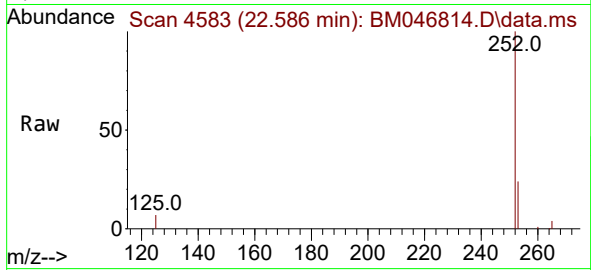
Tgt Ion:252 Resp: 228301
Ion Ratio Lower Upper
252 100
253 24.0 0.0 56.4
125 6.8 0.0 15.8



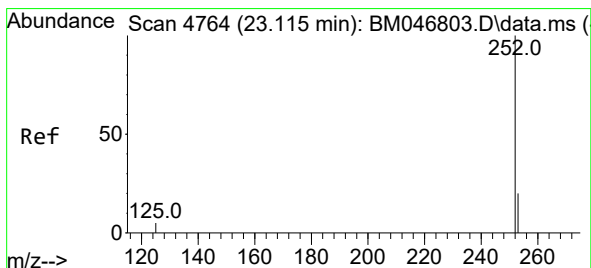
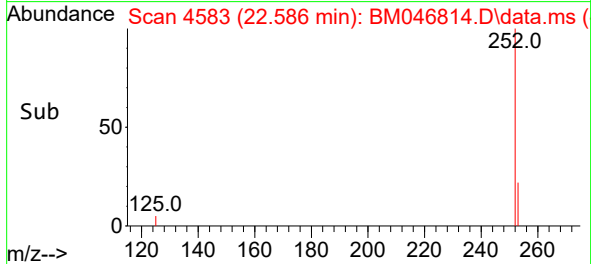
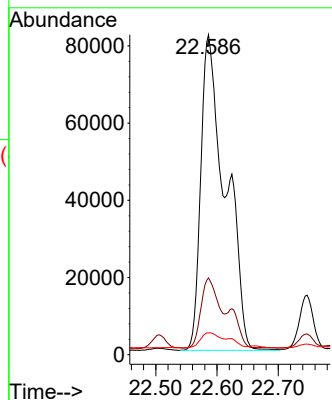


#25
Benzo(k)fluoranthene
Concen: 6.530 ng/ul
RT: 22.586 min Scan# 4583
Delta R.T. -0.035 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53

Instrument :
BNA_M
ClientSampleId :
A4BB1

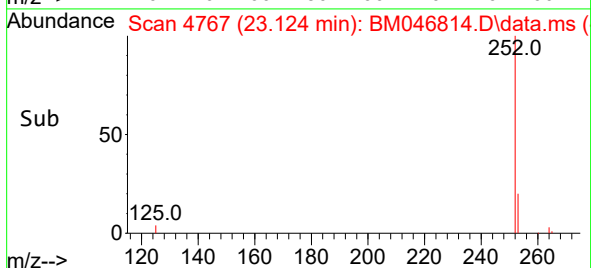
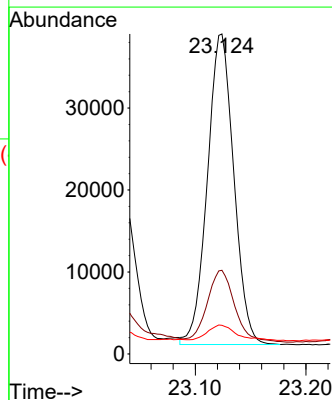
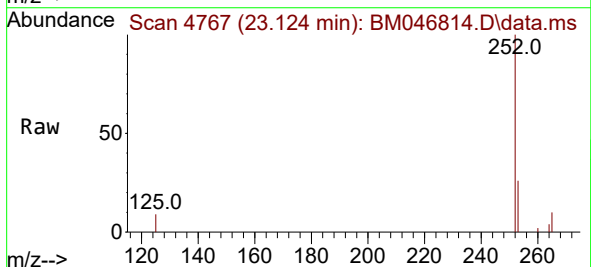


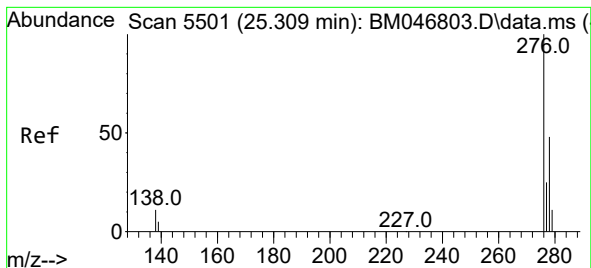
Tgt Ion:252 Resp: 228301
Ion Ratio Lower Upper
252 100
253 24.0 23.5 35.3
125 6.8 8.6 13.0#



#26
Benzo(a)pyrene
Concen: 2.522 ng/ul
RT: 23.124 min Scan# 4767
Delta R.T. 0.006 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53

Tgt Ion:252 Resp: 62818
Ion Ratio Lower Upper
252 100
253 26.1 26.0 39.0
125 9.0 7.8 11.8





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.613 ng/ul

RT: 25.319 min Scan# 5504

Delta R.T. 0.003 min

Lab File: BM046814.D

Acq: 25 Jul 2024 23:53

Instrument :

BNA_M

ClientSampleId :

A4BB1

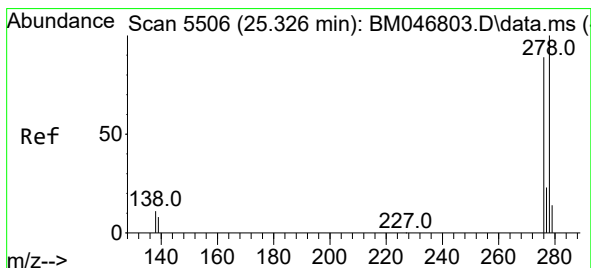
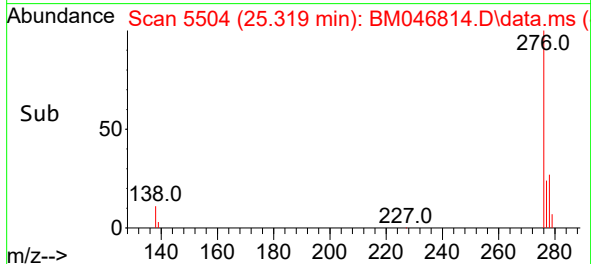
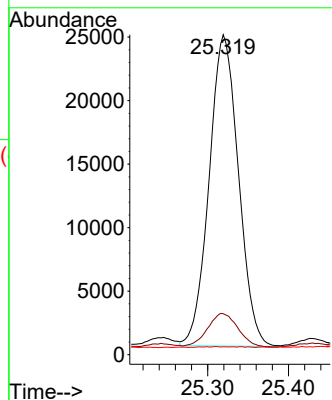
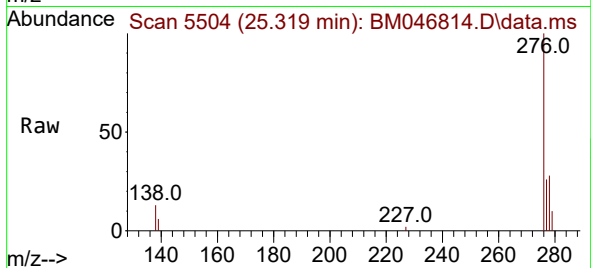
Tgt Ion:276 Resp: 61828

Ion Ratio Lower Upper

276 100

138 11.3 9.7 14.5

227 0.1 0.2 0.2#



#28

Dibenzo(a,h)anthracene

Concen: 0.768 ng/ul

RT: 25.326 min Scan# 5506

Delta R.T. -0.007 min

Lab File: BM046814.D

Acq: 25 Jul 2024 23:53

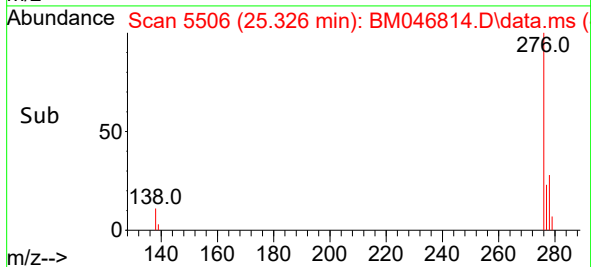
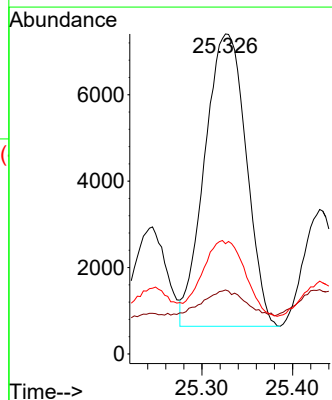
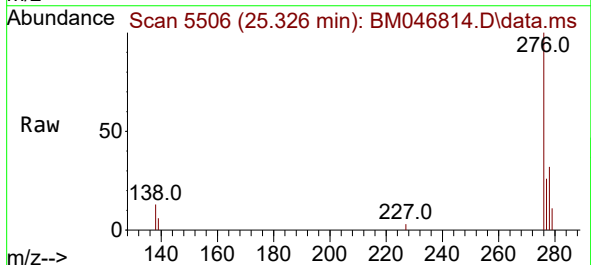
Tgt Ion:278 Resp: 21540

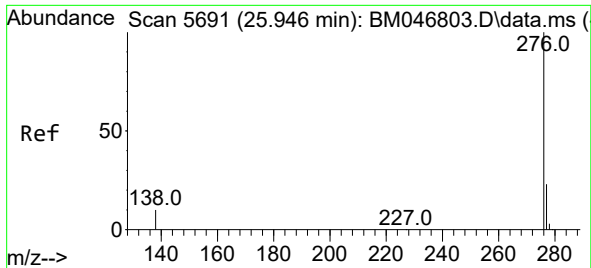
Ion Ratio Lower Upper

278 100

139 20.0 9.8 14.8#

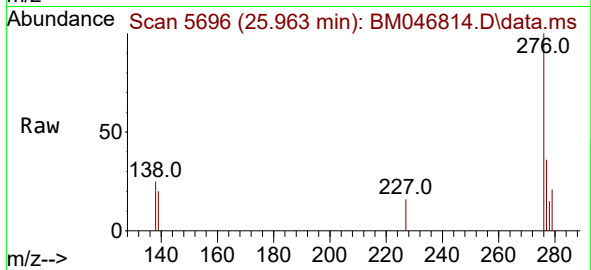
279 34.5 25.2 37.8





#29
Benzo(g,h,i)perylene
Concen: 0.284 ng/ul
RT: 25.963 min Scan# 50
Delta R.T. 0.010 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53

Instrument :
BNA_M
ClientSampleId :
A4BB1



Tgt Ion:276 Resp: 9603
Ion Ratio Lower Upper
276 100
138 25.4 9.5 14.3#
277 36.0 20.9 31.3#

