

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
 Data File : BM049278.D
 Acq On : 28 Dec 2024 06:10
 Operator : RC/JU
 Sample : P5378-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YE685

Quant Time: Dec 29 21:55:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 26 11:35:38 2024
 Response via : Initial Calibration

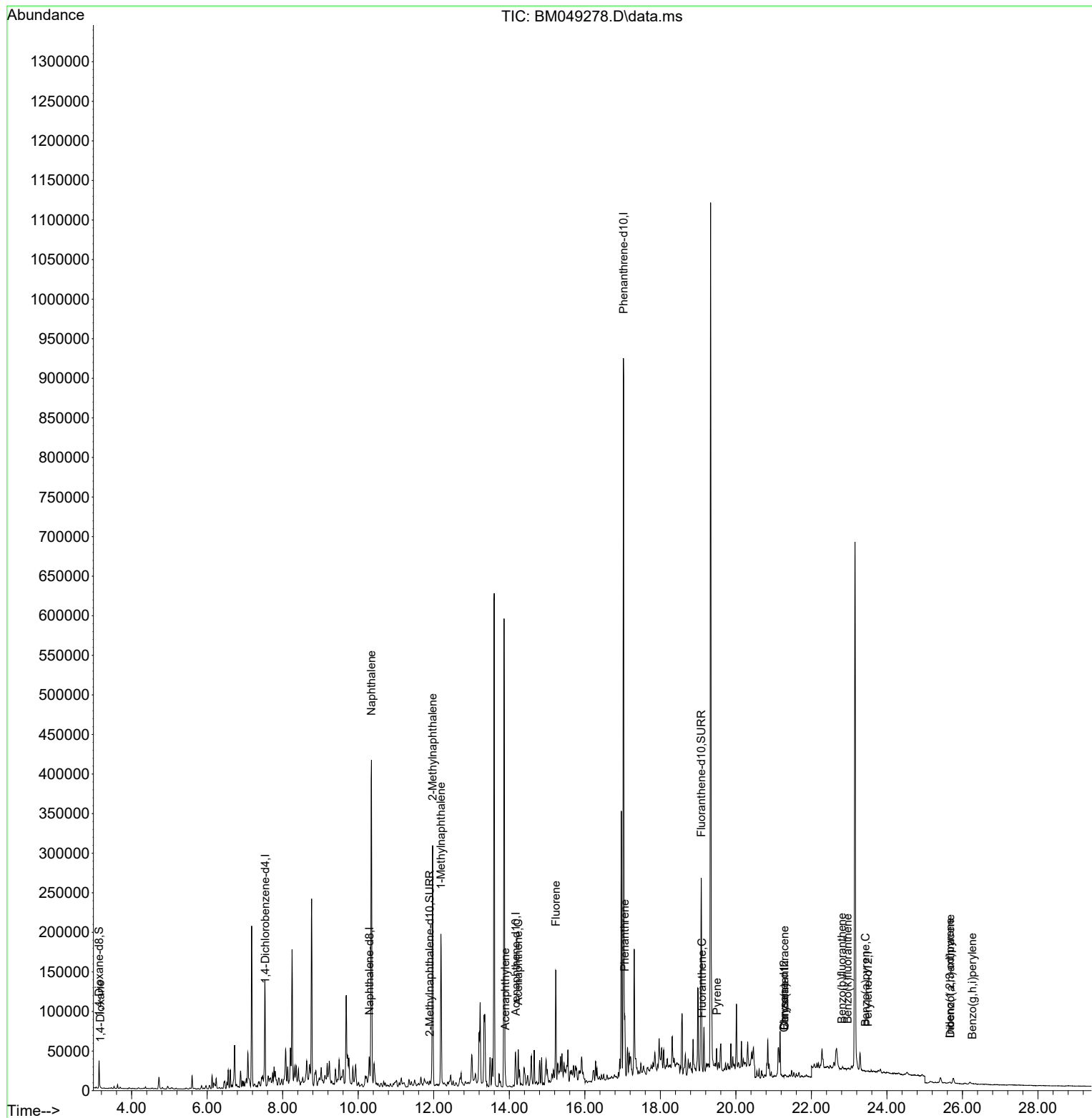
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	5274	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	17155	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.174	164	13217	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.023	188	1035472	0.400	ng/ul	0.09
17) Chrysene-d12	21.271	240	265	0.400	ng/ul #	0.14
23) Perylene-d12	23.495	264	75	0.400	ng/ul #	0.21
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	19092	3.139	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.893	152	5382	0.233	ng/ul	-0.02
18) Fluoranthene-d10	19.086	212	262902	349.662	ng/ul	0.12
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.172	88	754	0.106	ng/ul#	83
5) Naphthalene	10.348	128	526800	12.267	ng/ul	98
7) 2-Methylnaphthalene	11.970	142	217911	8.010	ng/ul	98
8) 1-Methylnaphthalene	12.190	142	128713	4.620	ng/ul	99
10) Acenaphthylene	13.896	152	8648	0.158	ng/ul#	4
11) Acenaphthene	14.238	153	30392	0.760	ng/ul	98
12) Fluorene	15.233	166	78073	1.731	ng/ul#	98
15) Phenanthrene	17.061	178	75340	0.028	ng/ul#	95
19) Fluoranthene	19.104	202	1472	1.536	ng/ul#	1
20) Pyrene	19.499	202	887	0.868	ng/ul#	6
21) Benzo(a)anthracene	21.289	228	2321	2.518	ng/ul#	1
22) Chrysene	21.289	228	2738	2.768	ng/ul#	1
24) Benzo(b)fluoranthene	22.811	252	2650	11.060	ng/ul#	1
25) Benzo(k)fluoranthene	22.963	252	1377	5.238	ng/ul#	1
26) Benzo(a)pyrene	23.431	252	229	0.997	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.668	276	888	2.731	ng/ul#	55
28) Dibenzo(a,h)anthracene	25.678	278	2296	9.087	ng/ul#	1
29) Benzo(g,h,i)perylene	26.258	276	18	0.069	ng/ul#	1

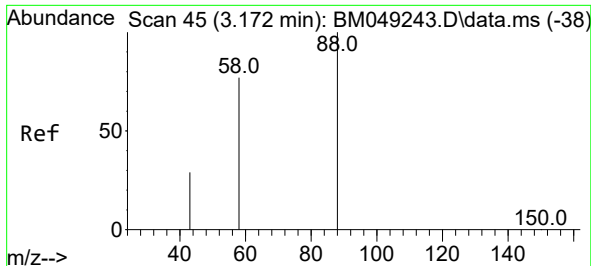
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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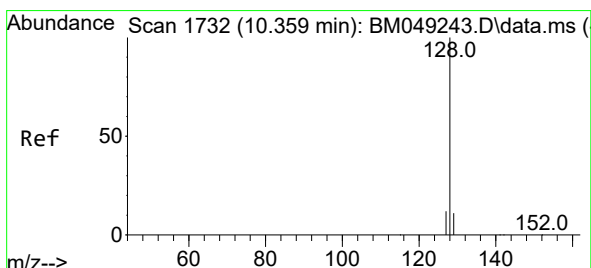
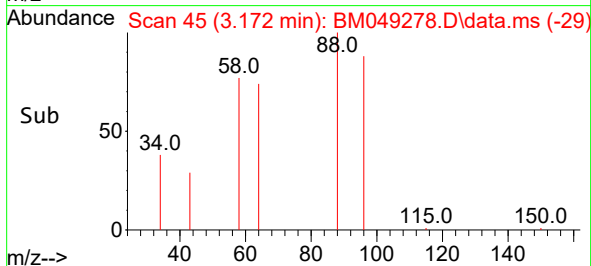
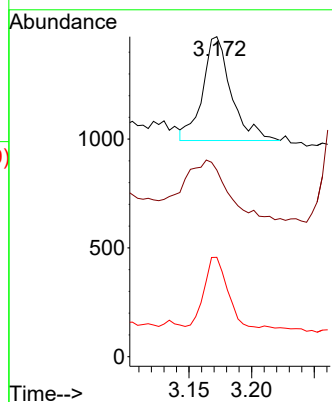
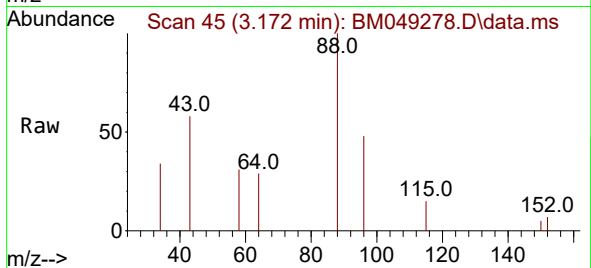




#2
1,4-Dioxane
Concen: 0.106 ng/ul
RT: 3.172 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM049278.D
Acq: 28 Dec 2024 06:10

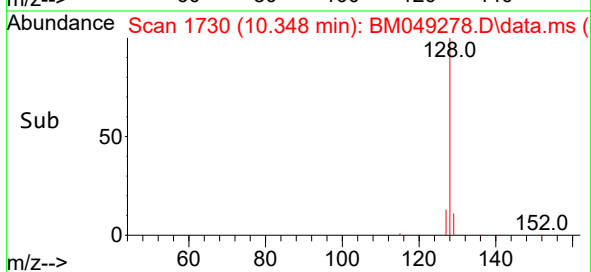
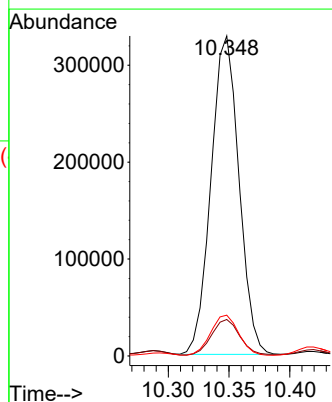
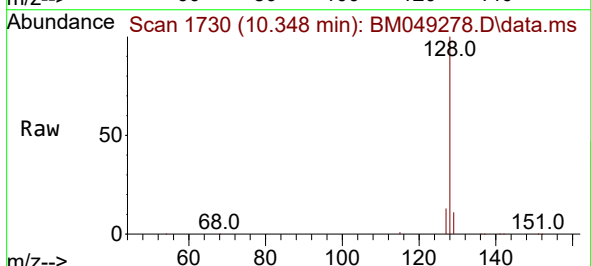
Instrument :
BNA_M
ClientSampleId :
YE685

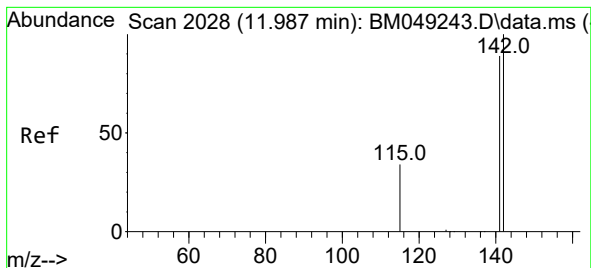
Tgt Ion: 88 Resp: 754
Ion Ratio Lower Upper
88 100
43 58.3 45.4 68.2
58 31.1 43.6 65.4#



#5
Naphthalene
Concen: 12.267 ng/ul
RT: 10.348 min Scan# 1730
Delta R.T. -0.010 min
Lab File: BM049278.D
Acq: 28 Dec 2024 06:10

Tgt Ion:128 Resp: 526800
Ion Ratio Lower Upper
128 100
129 11.4 9.7 14.5
127 12.7 10.6 16.0

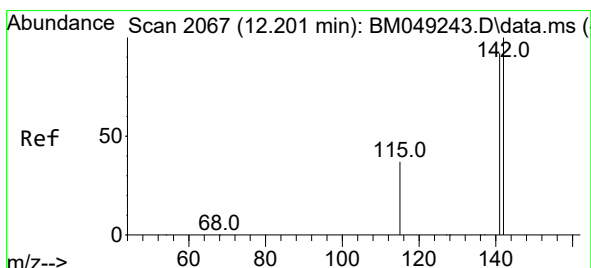
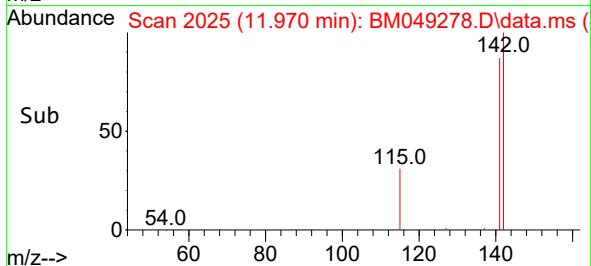
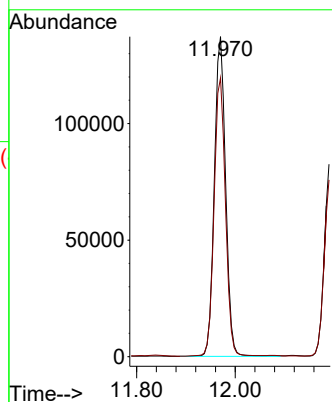
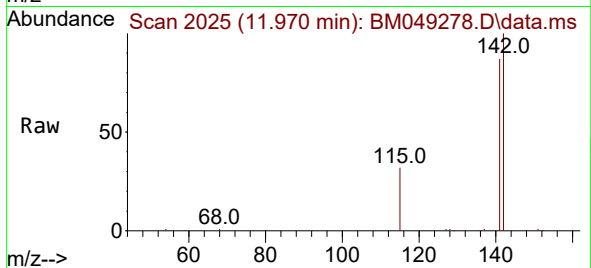




#7
2-Methylnaphthalene
Concen: 8.010 ng/ul
RT: 11.970 min Scan# 2025
Delta R.T. -0.010 min
Lab File: BM049278.D
Acq: 28 Dec 2024 06:10

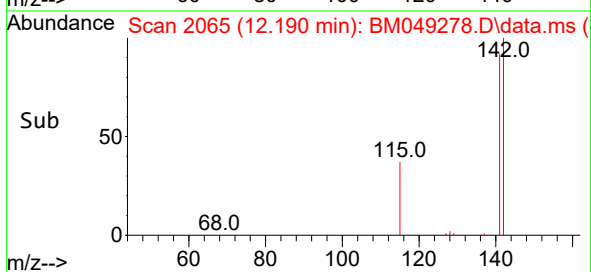
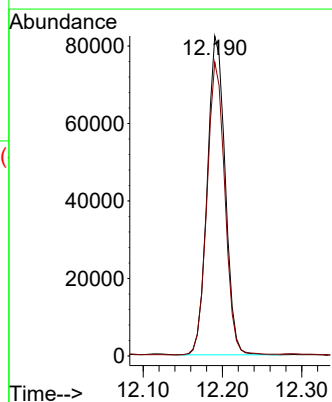
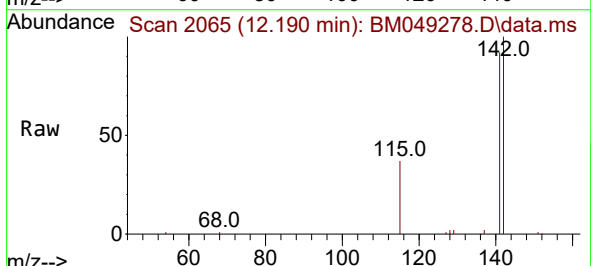
Instrument :
BNA_M
ClientSampleId :
YE685

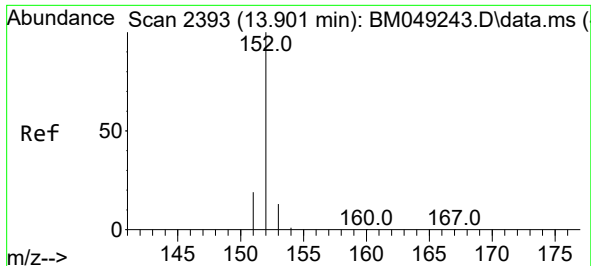
Tgt Ion:142 Resp: 217911
Ion Ratio Lower Upper
142 100
141 87.8 71.7 107.5



#8
1-Methylnaphthalene
Concen: 4.620 ng/ul
RT: 12.190 min Scan# 2065
Delta R.T. -0.015 min
Lab File: BM049278.D
Acq: 28 Dec 2024 06:10

Tgt Ion:142 Resp: 128713
Ion Ratio Lower Upper
142 100
141 91.9 72.7 109.1

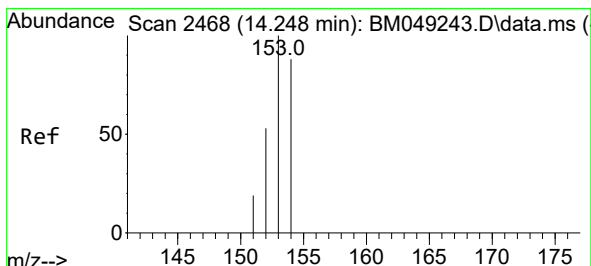
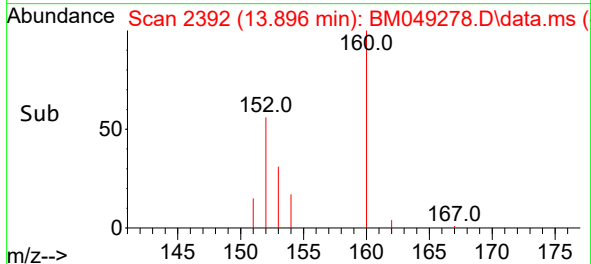
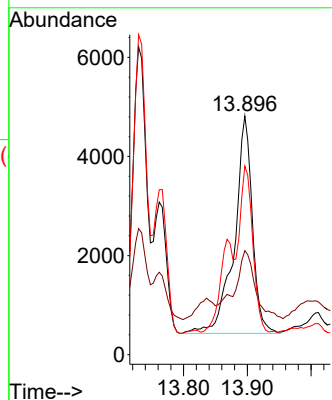
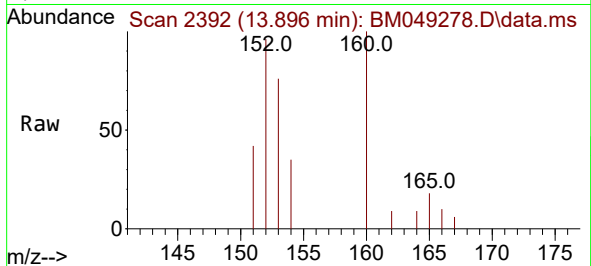




#10
Acenaphthylene
Concen: 0.158 ng/ul
RT: 13.896 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM049278.D
Acq: 28 Dec 2024 06:10

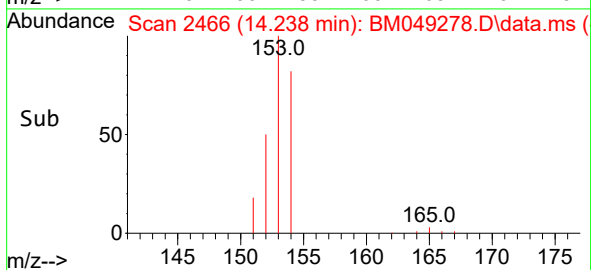
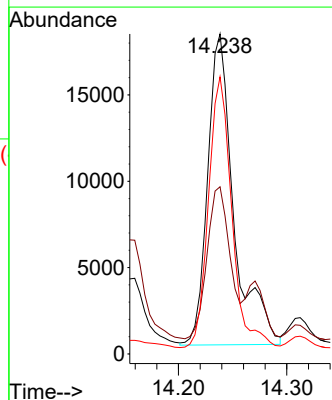
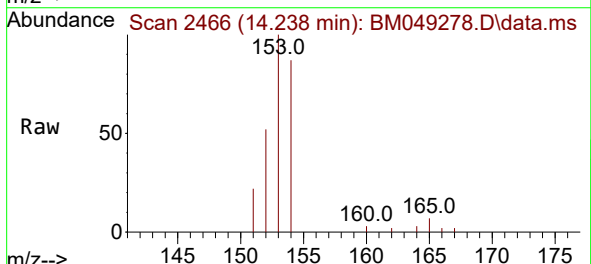
Instrument :
BNA_M
ClientSampleId :
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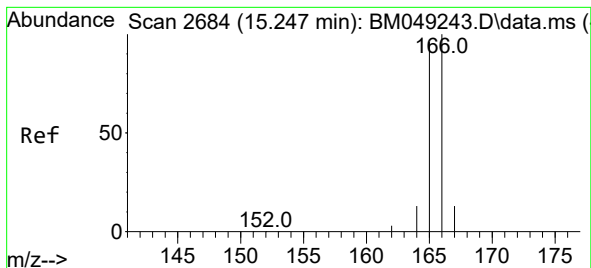
Tgt Ion:152 Resp: 8648
Ion Ratio Lower Upper
152 100
151 43.6 16.0 24.0#
153 79.0 11.0 16.6#



#11
Acenaphthene
Concen: 0.760 ng/ul
RT: 14.238 min Scan# 2466
Delta R.T. -0.008 min
Lab File: BM049278.D
Acq: 28 Dec 2024 06:10

Tgt Ion:153 Resp: 30392
Ion Ratio Lower Upper
153 100
152 52.2 40.7 61.1
154 86.6 70.8 106.2





#12

Fluorene

Concen: 1.731 ng/ul

RT: 15.233 min Scan# 2

Delta R.T. -0.008 min

Lab File: BM049278.D

Acq: 28 Dec 2024 06:10

Instrument :

BNA_M

ClientSampleId :

YE685

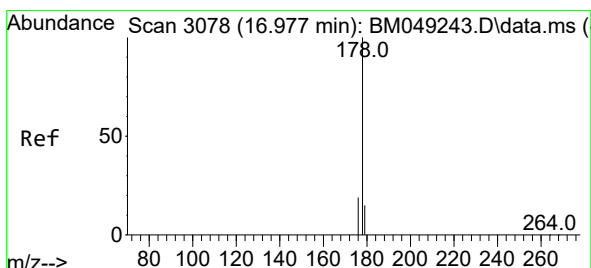
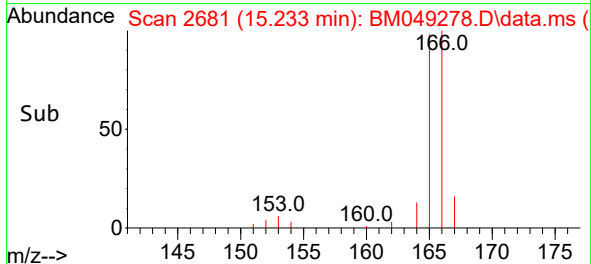
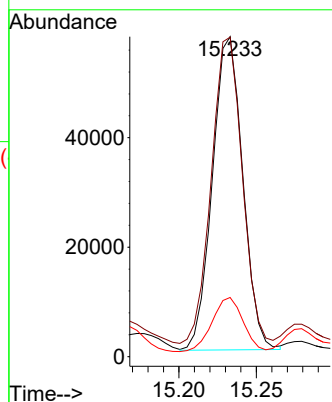
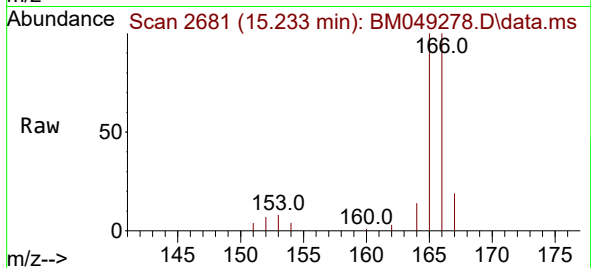
Tgt Ion:166 Resp: 78073

Ion Ratio Lower Upper

166 100

165 99.8 79.7 119.5

167 18.5 11.4 17.0#



#15

Phenanthrene

Concen: 0.028 ng/ul

RT: 17.061 min Scan# 3098

Delta R.T. 0.086 min

Lab File: BM049278.D

Acq: 28 Dec 2024 06:10

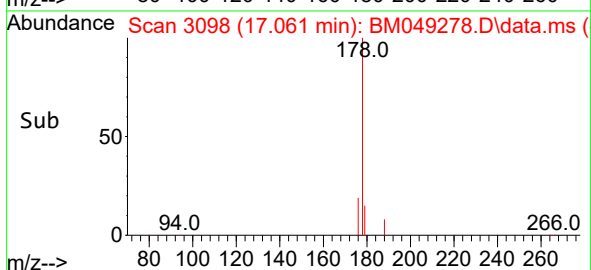
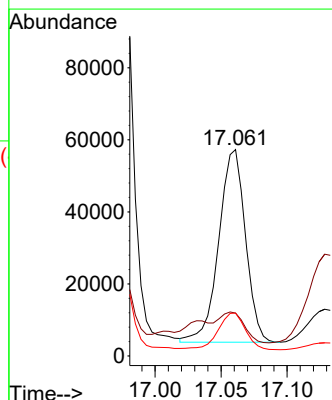
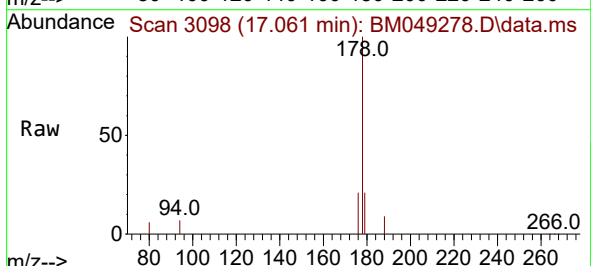
Tgt Ion:178 Resp: 75340

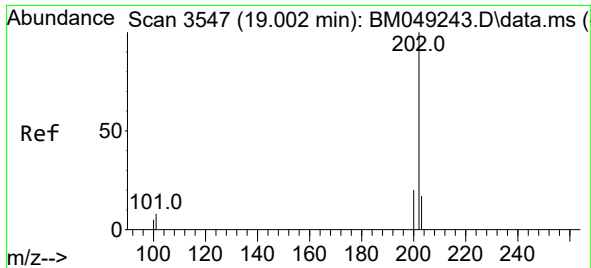
Ion Ratio Lower Upper

178 100

179 20.8 13.0 19.4#

176 20.8 16.2 24.2

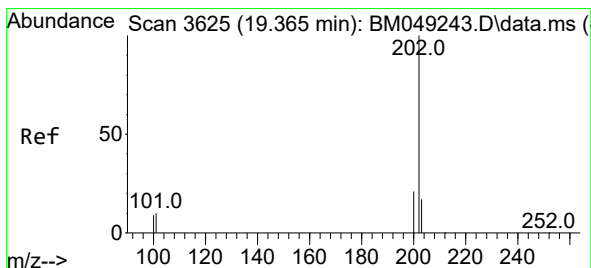
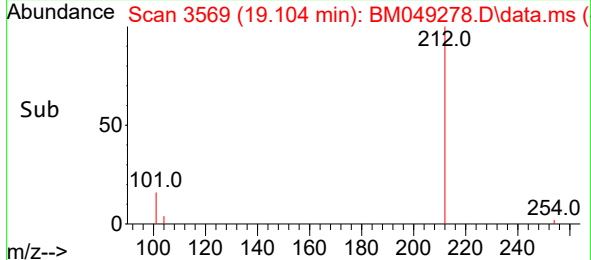
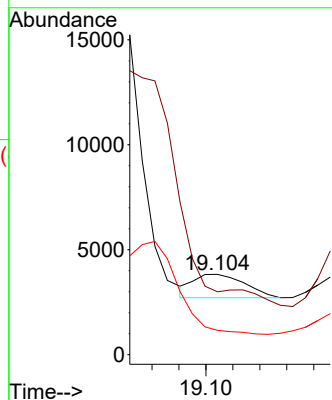
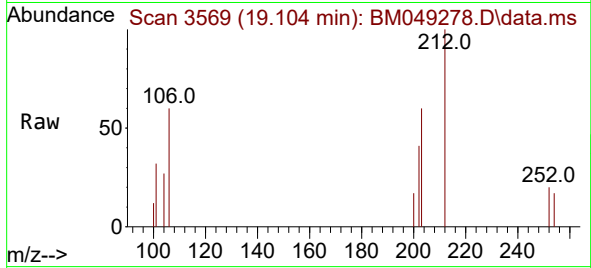




#19
Fluoranthene
Concen: 1.536 ng/ul
RT: 19.104 min Scan# 3569
Delta R.T. 0.104 min
Lab File: BM049278.D
Acq: 28 Dec 2024 06:10

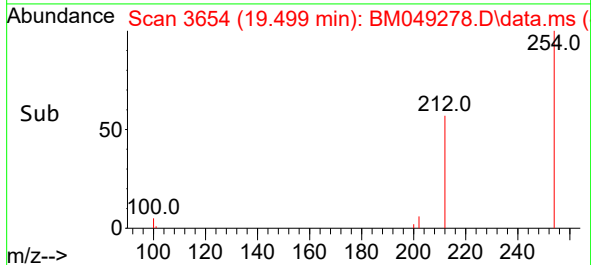
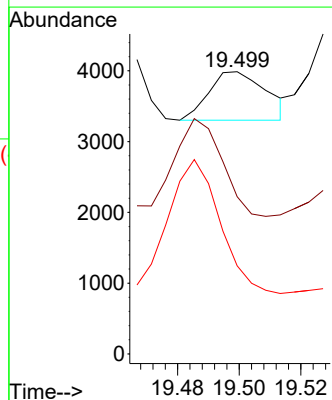
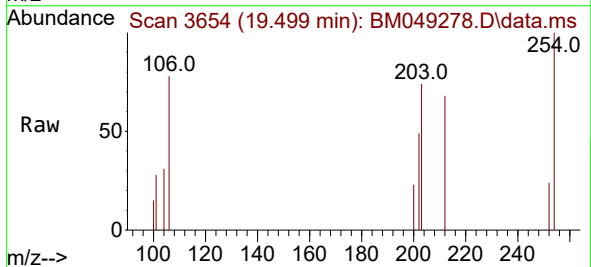
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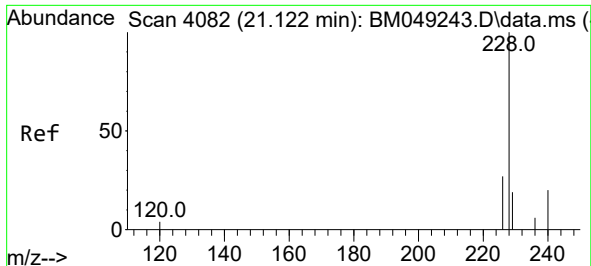
Tgt Ion:202 Resp: 1472
Ion Ratio Lower Upper
202 100
101 78.2 7.6 11.4#
100 30.3 5.5 8.3#



#20
Pyrene
Concen: 0.868 ng/ul
RT: 19.499 min Scan# 3654
Delta R.T. 0.136 min
Lab File: BM049278.D
Acq: 28 Dec 2024 06:10

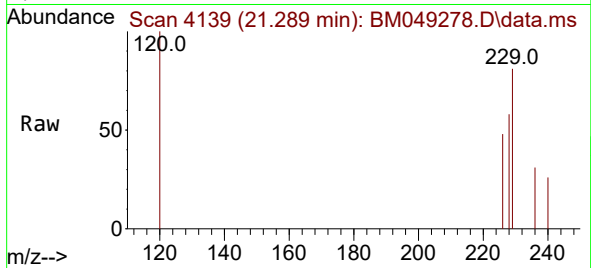
Tgt Ion:202 Resp: 887
Ion Ratio Lower Upper
202 100
101 55.7 8.9 13.3#
100 31.2 6.9 10.3#



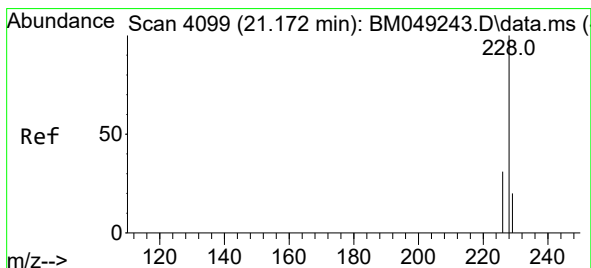
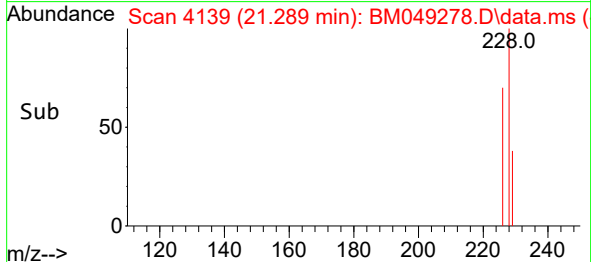
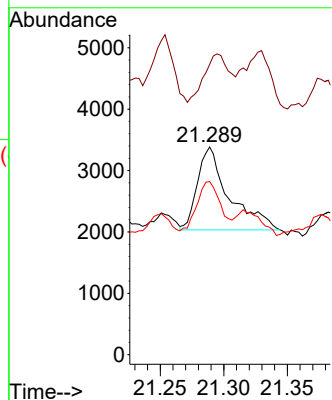


#21
Benzo(a)anthracene
Concen: 2.518 ng/ul
RT: 21.289 min Scan# 4139
Delta R.T. 0.169 min
Lab File: BM049278.D
Acq: 28 Dec 2024 06:10

Instrument :
BNA_M
ClientSampleId :
YE685

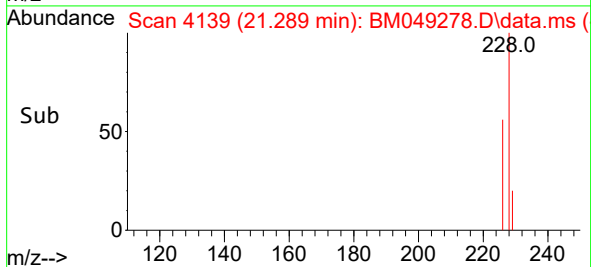
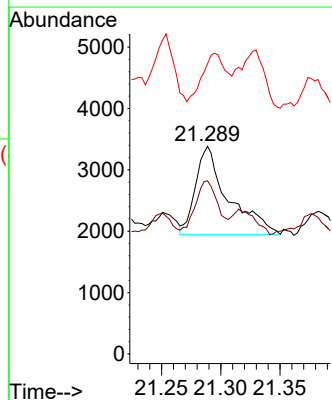
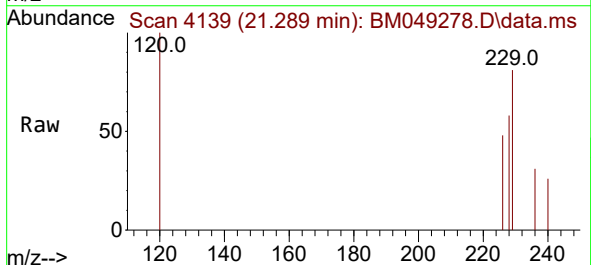


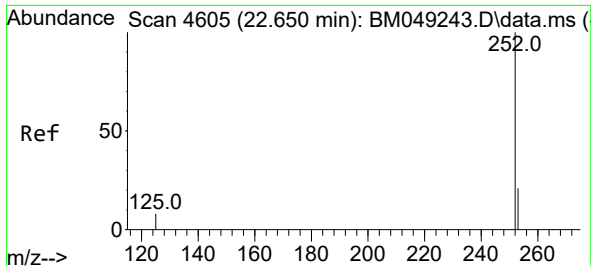
Tgt Ion:228 Resp: 2321
Ion Ratio Lower Upper
228 100
229 139.7 15.9 23.9#
226 83.3 22.6 34.0#



#22
Chrysene
Concen: 2.768 ng/ul
RT: 21.289 min Scan# 4139
Delta R.T. 0.116 min
Lab File: BM049278.D
Acq: 28 Dec 2024 06:10

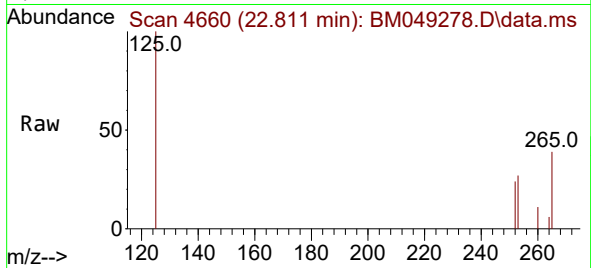
Tgt Ion:228 Resp: 2738
Ion Ratio Lower Upper
228 100
226 83.3 24.1 36.1#
229 139.7 15.8 23.8#



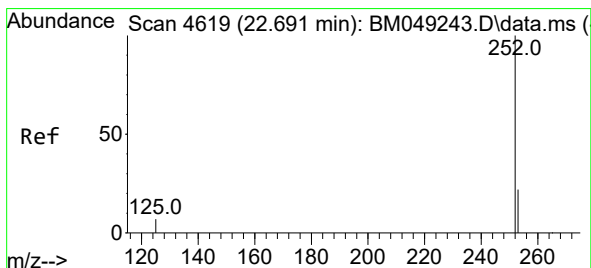
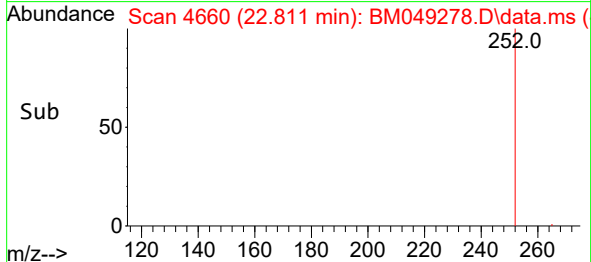
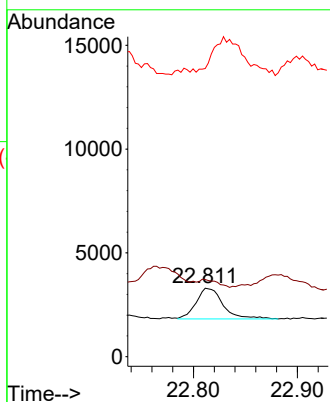


#24
Benzo(b)fluoranthene
Concen: 11.060 ng/ul
RT: 22.811 min Scan# 4660
Delta R.T. 0.163 min
Lab File: BM049278.D
Acq: 28 Dec 2024 06:10

Instrument :
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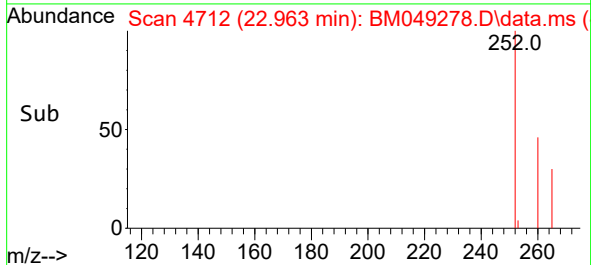
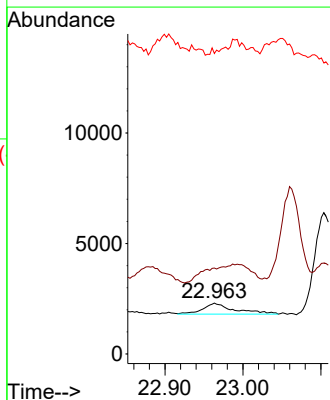
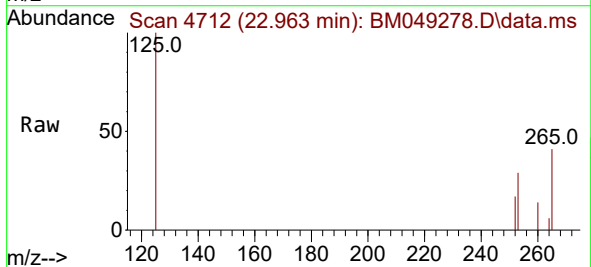


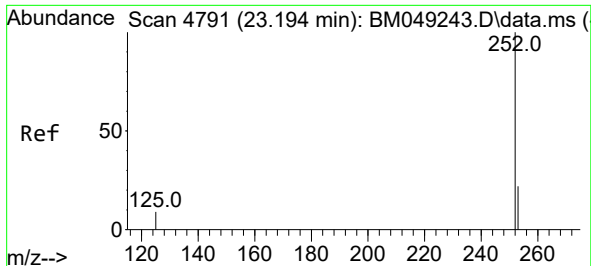
Tgt Ion:252 Resp: 2650
Ion Ratio Lower Upper
252 100
253 112.7 0.0 52.6#
125 421.1 0.0 30.8#



#25
Benzo(k)fluoranthene
Concen: 5.238 ng/ul
RT: 22.963 min Scan# 4712
Delta R.T. 0.271 min
Lab File: BM049278.D
Acq: 28 Dec 2024 06:10

Tgt Ion:252 Resp: 1377
Ion Ratio Lower Upper
252 100
253 168.5 21.3 31.9#
125 589.5 12.6 18.8#

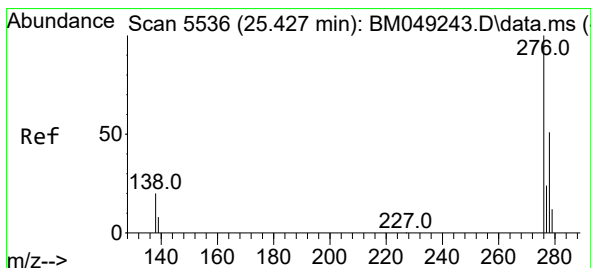
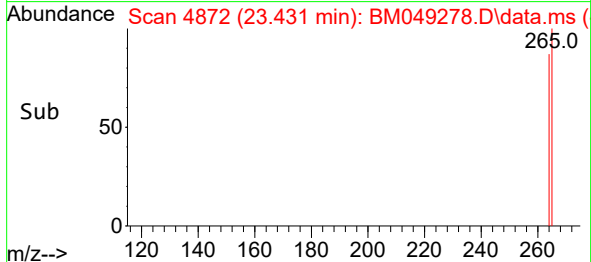
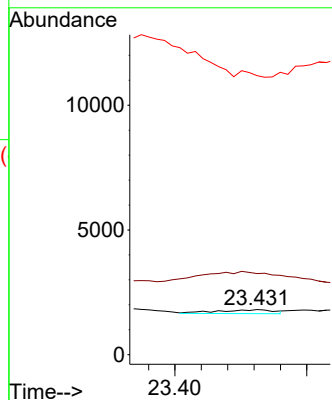
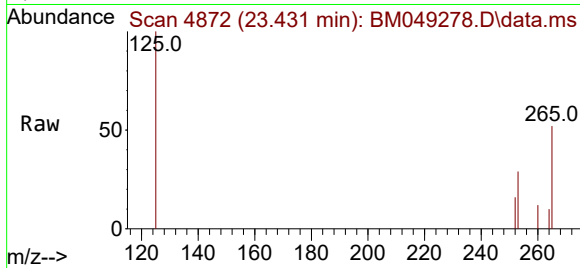




#26
Benzo(a)pyrene
Concen: 0.997 ng/ul
RT: 23.431 min Scan# 41
Delta R.T. 0.239 min
Lab File: BM049278.D
Acq: 28 Dec 2024 06:10

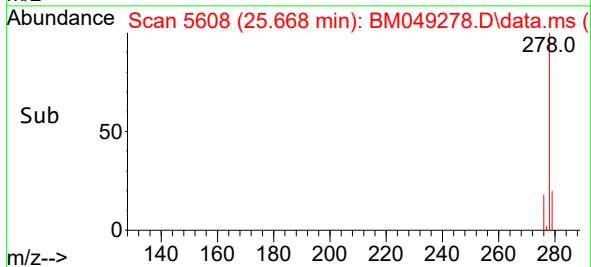
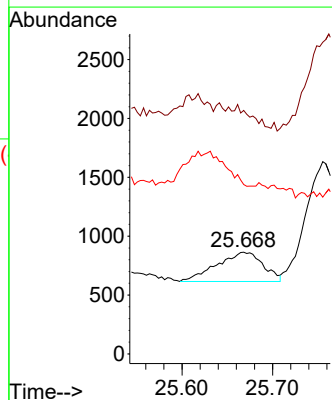
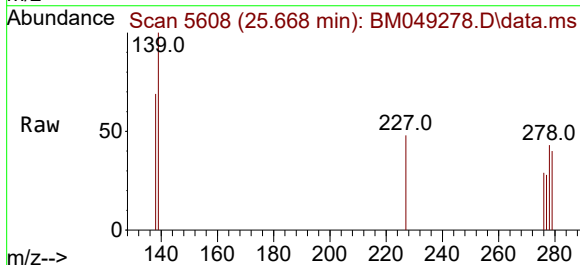
Instrument :
BNA_M
ClientSampleId :
YE685

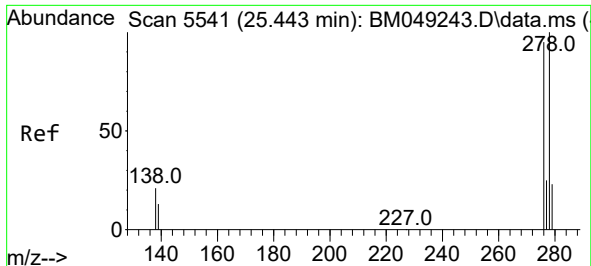
Tgt Ion:252 Resp: 229
Ion Ratio Lower Upper
252 100
253 180.1 22.4 33.6#
125 619.3 14.8 22.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.731 ng/ul
RT: 25.668 min Scan# 5608
Delta R.T. 0.251 min
Lab File: BM049278.D
Acq: 28 Dec 2024 06:10

Tgt Ion:276 Resp: 888
Ion Ratio Lower Upper
276 100
138 0.0 17.4 26.2#
227 0.0 0.2 0.2#

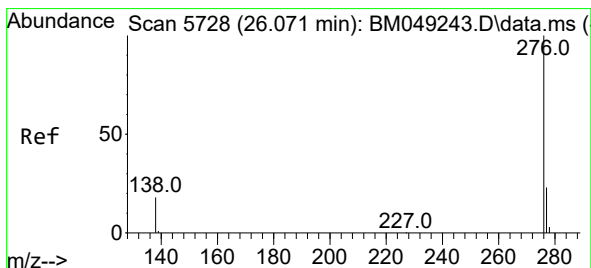
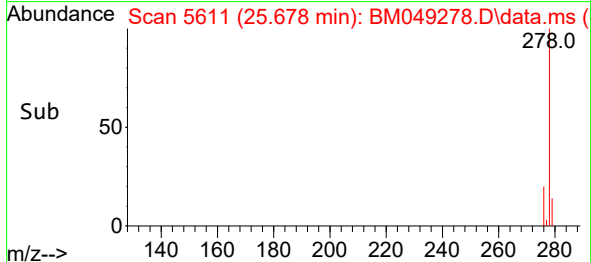
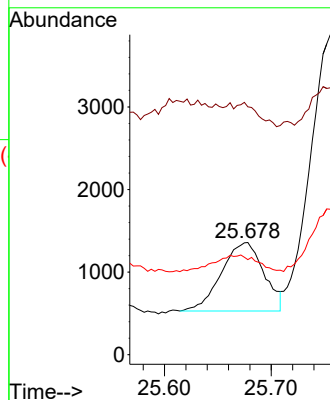
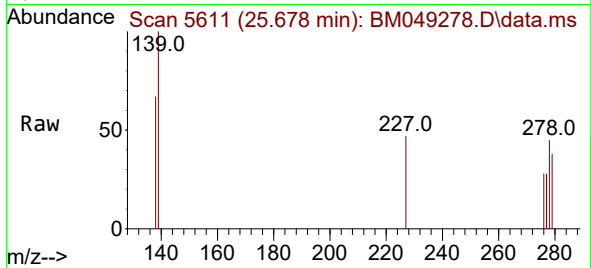




#28
Dibenzo(a,h)anthracene
Concen: 9.087 ng/ul
RT: 25.678 min Scan# 51
Delta R.T. 0.241 min
Lab File: BM049278.D
Acq: 28 Dec 2024 06:10

Instrument :
BNA_M
ClientSampleId :
YE685

Tgt Ion:278 Resp: 2296
Ion Ratio Lower Upper
278 100
139 220.8 13.5 20.3#
279 84.8 21.5 32.3#



#29
Benzo(g,h,i)perylene
Concen: 0.069 ng/ul
RT: 26.258 min Scan# 5784
Delta R.T. 0.191 min
Lab File: BM049278.D
Acq: 28 Dec 2024 06:10

Tgt Ion:276 Resp: 18
Ion Ratio Lower Upper
276 100
138 304.6 16.7 25.1#
277 118.1 19.9 29.9#

