

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041670.D
 Acq On : 06 Sep 2023 22:18
 Operator : MA/JU
 Sample : 04113-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYH9

Quant Time: Sep 07 00:24:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 06 02:20:07 2023
 Response via : Initial Calibration

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

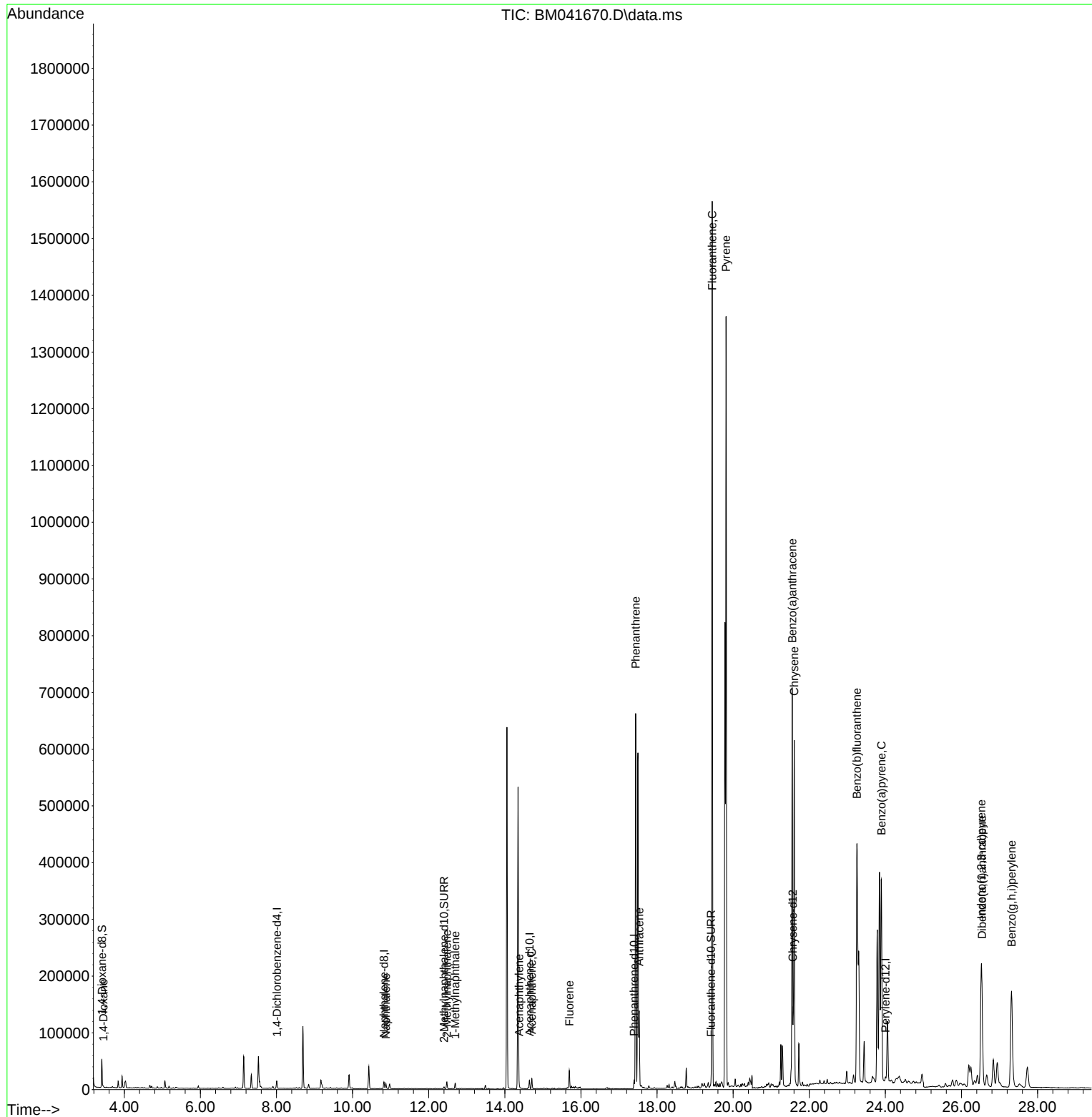
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	6310	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	15469	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.647	164	7953	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	15829	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	9087	0.400	ng/ul	0.00
23) Perylene-d12	24.003	264	10512	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	27863	2.889	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	3852	0.193	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	6735	0.153	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.448	88	1430	0.143	ng/ul#	69
5) Naphthalene	10.872	128	12565	0.247	ng/ul	99
7) 2-Methylnaphthalene	12.478	142	8390	0.291	ng/ul	99
8) 1-Methylnaphthalene	12.698	142	6511	0.225	ng/ul	100
10) Acenaphthylene	14.374	152	6574	0.134	ng/ul#	93
11) Acenaphthene	14.708	153	10553	0.276	ng/ul	98
12) Fluorene	15.693	166	19716	0.460	ng/ul	99
15) Phenanthrene	17.438	178	677946	10.143	ng/ul	99
16) Anthracene	17.531	178	139592	2.437	ng/ul	99
19) Fluoranthene	19.450	202	1289640	12.024	ng/ul	96
20) Pyrene	19.812	202	1079265	10.131	ng/ul	100
21) Benzo(a)anthracene	21.550	228	606011	8.177	ng/ul	99
22) Chrysene	21.606	228	572641	7.162	ng/ul	98
24) Benzo(b)fluoranthene	23.254	252	762139	8.103	ng/ul	90
26) Benzo(a)pyrene	23.895	252	534735	6.996	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.525	276	394299	3.760	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.538	278	94857	1.291	ng/ul	96
29) Benzo(g,h,i)perylene	27.316	276	380446	4.095	ng/ul	95

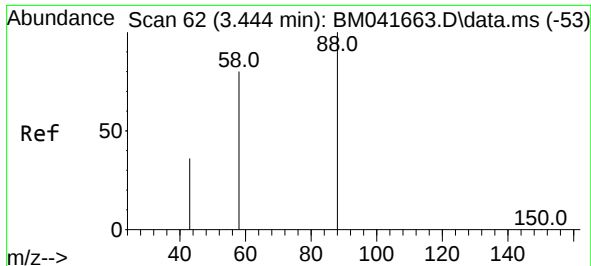
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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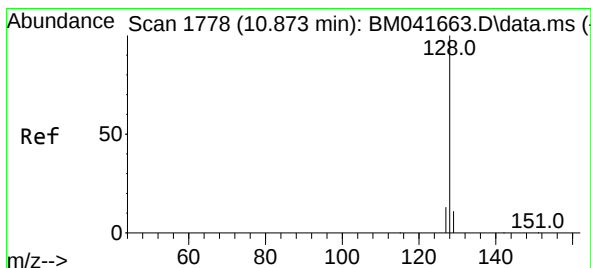
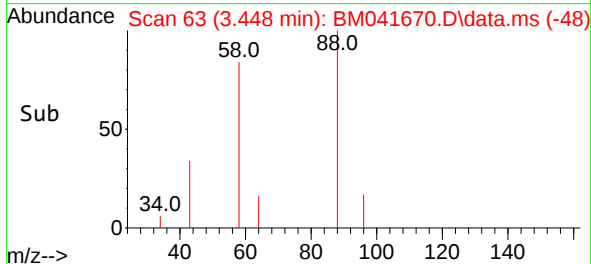
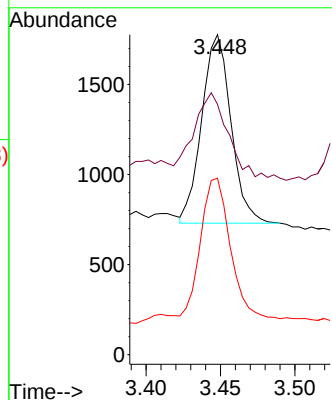
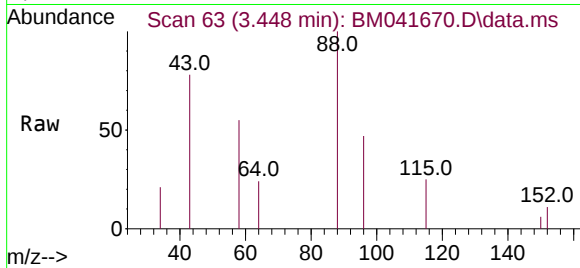




#2
1,4-Dioxane
Concen: 0.143 ng/ul
RT: 3.448 min Scan# 61
Delta R.T. 0.004 min
Lab File: BM041670.D
Acq: 06 Sep 2023 22:18

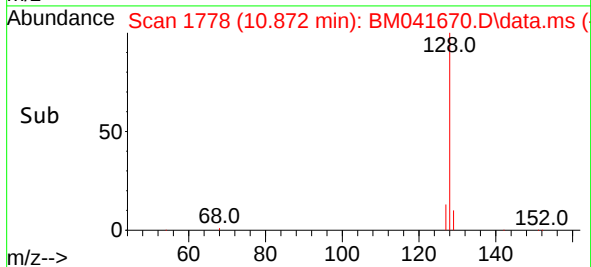
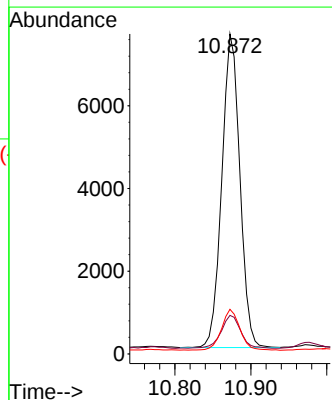
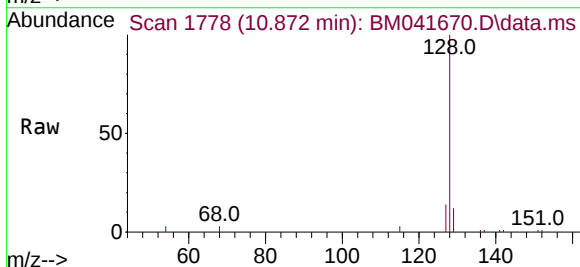
Instrument :
BNA_M
ClientSampleId :
EZYH9

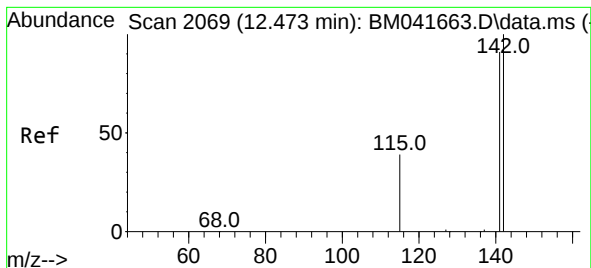
Tgt Ion: 88 Resp: 1430
Ion Ratio Lower Upper
88 100
43 78.2 33.8 50.6#
58 55.1 54.2 81.2



#5
Naphthalene
Concen: 0.247 ng/ul
RT: 10.872 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BM041670.D
Acq: 06 Sep 2023 22:18

Tgt Ion: 128 Resp: 12565
Ion Ratio Lower Upper
128 100
129 12.0 9.4 14.0
127 13.9 11.0 16.6

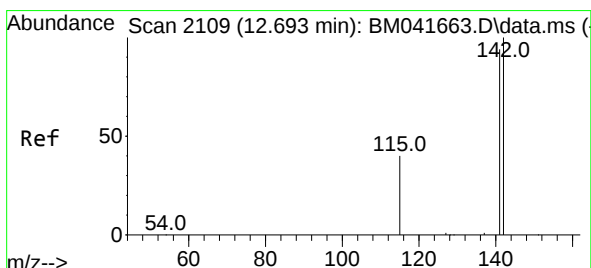
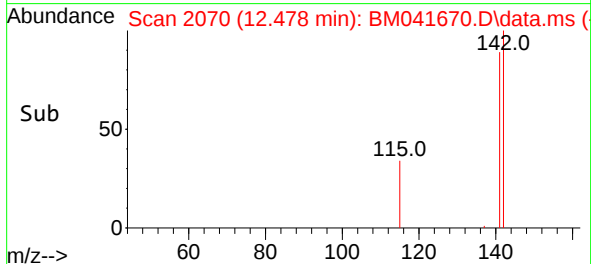
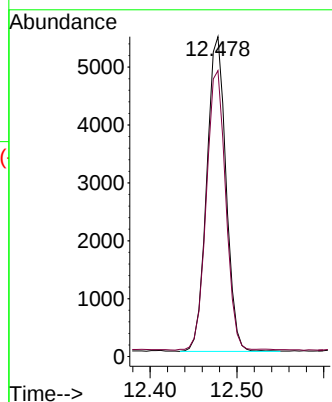
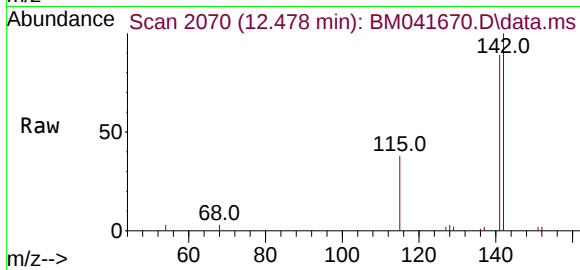




#7
2-Methylnaphthalene
Concen: 0.291 ng/ul
RT: 12.478 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BM041670.D
Acq: 06 Sep 2023 22:18

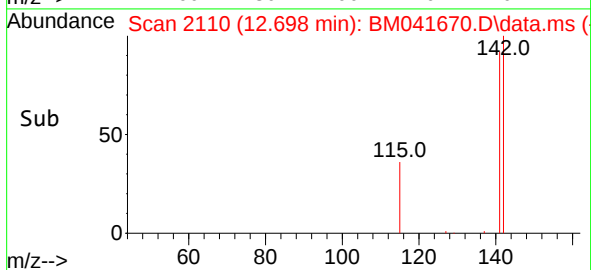
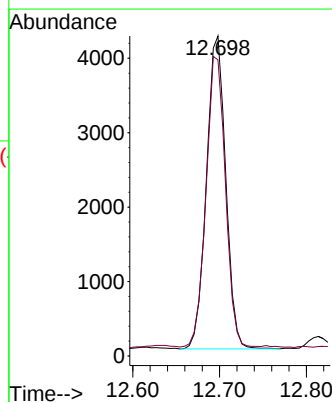
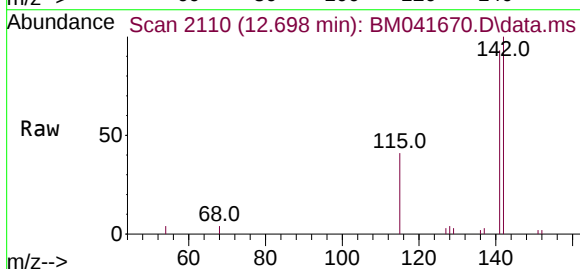
Instrument :
BNA_M
ClientSampleId :
EZYH9

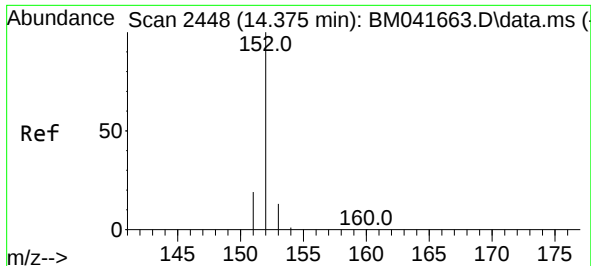
Tgt Ion:142 Resp: 8390
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.225 ng/ul
RT: 12.698 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BM041670.D
Acq: 06 Sep 2023 22:18

Tgt Ion:142 Resp: 6511
Ion Ratio Lower Upper
142 100
141 92.9 74.4 111.6

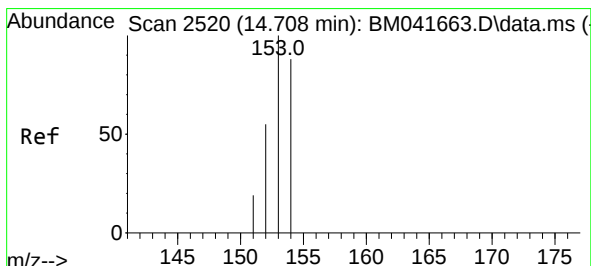
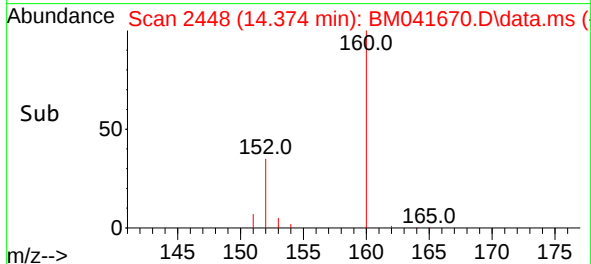
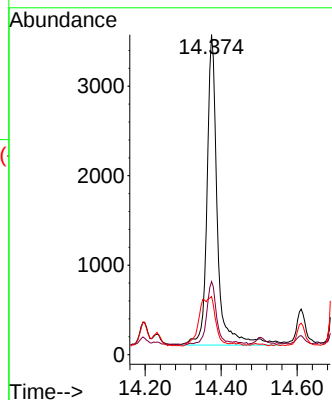
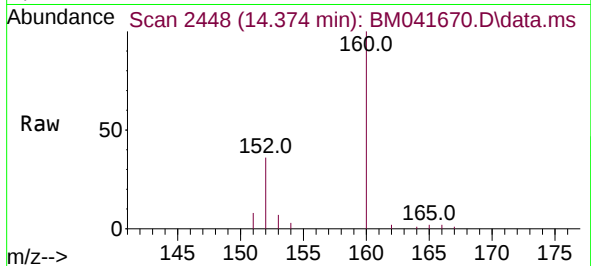




#10
Acenaphthylene
Concen: 0.134 ng/ul
RT: 14.374 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BM041670.D
Acq: 06 Sep 2023 22:18

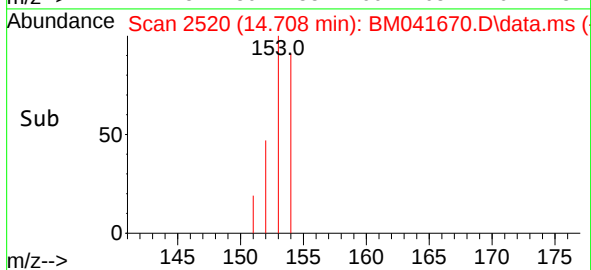
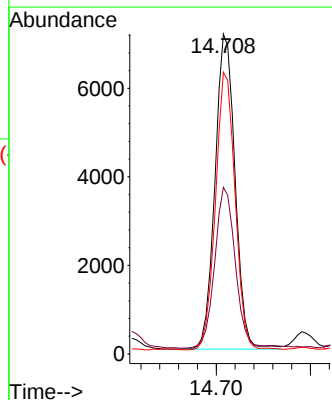
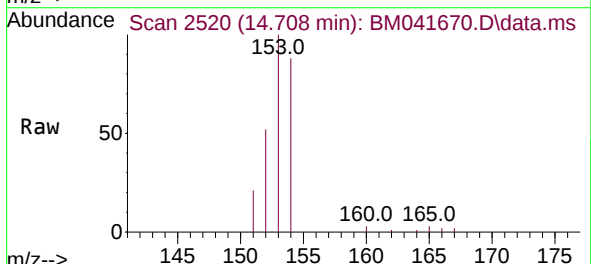
Instrument :
BNA_M
ClientSampleId :
EZYH9

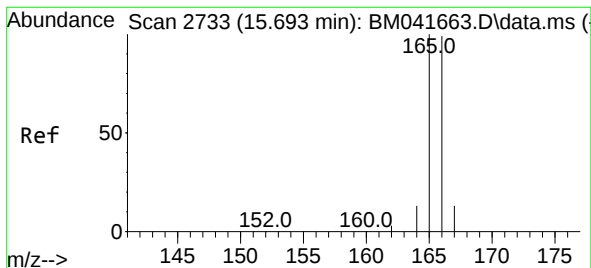
Tgt Ion:152 Resp: 6574
Ion Ratio Lower Upper
152 100
151 22.8 16.4 24.6
153 18.2 11.1 16.7#



#11
Acenaphthene
Concen: 0.276 ng/ul
RT: 14.708 min Scan# 2520
Delta R.T. -0.005 min
Lab File: BM041670.D
Acq: 06 Sep 2023 22:18

Tgt Ion:153 Resp: 10553
Ion Ratio Lower Upper
153 100
152 52.1 43.4 65.2
154 88.0 69.4 104.0





#12

Fluorene

Concen: 0.460 ng/ul

RT: 15.693 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM041670.D

Acq: 06 Sep 2023 22:18

Instrument :

BNA_M

ClientSampleId :

EZYH9

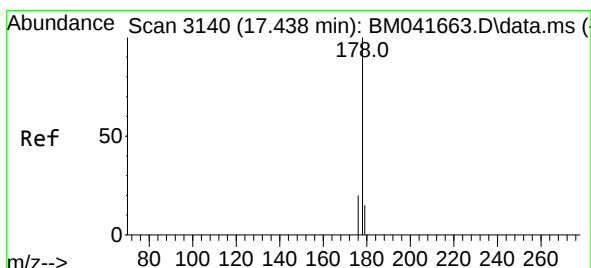
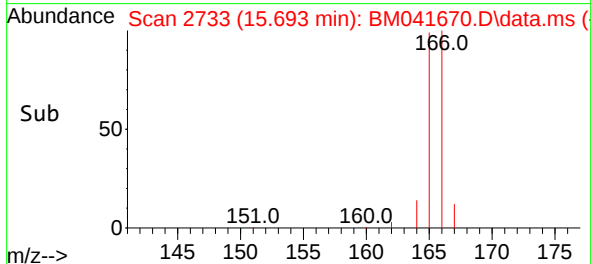
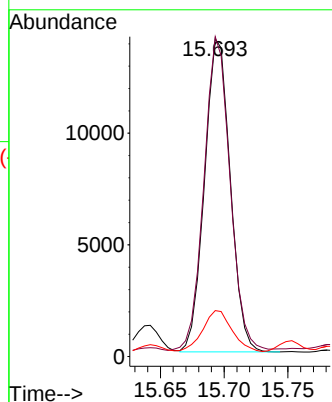
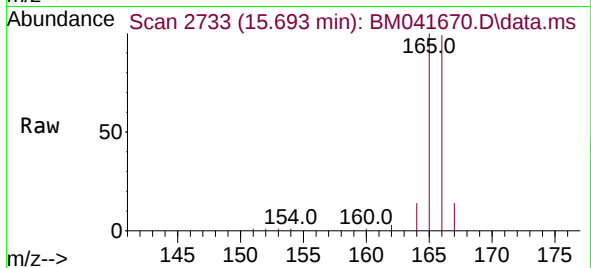
Tgt Ion:166 Resp: 19716

Ion Ratio Lower Upper

166 100

165 100.7 79.4 119.2

167 14.5 11.3 16.9



#15

Phenanthrene

Concen: 10.143 ng/ul

RT: 17.438 min Scan# 3140

Delta R.T. -0.004 min

Lab File: BM041670.D

Acq: 06 Sep 2023 22:18

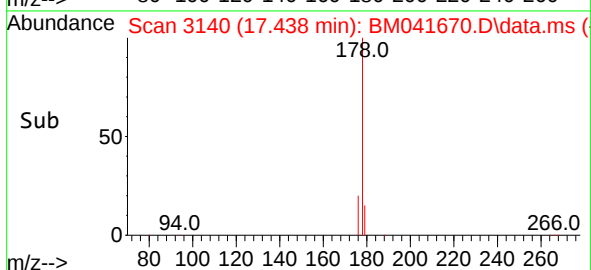
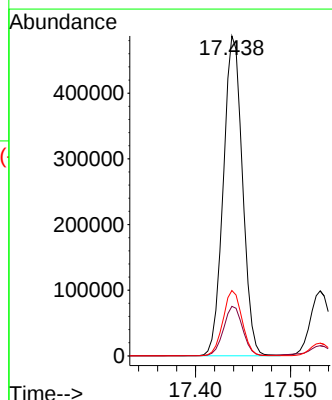
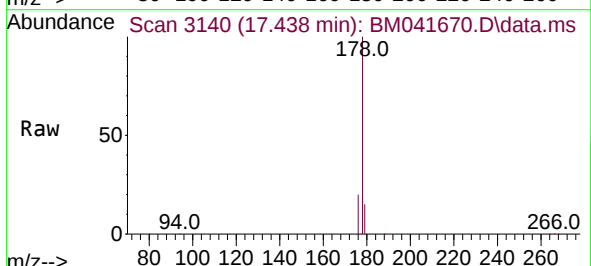
Tgt Ion:178 Resp: 677946

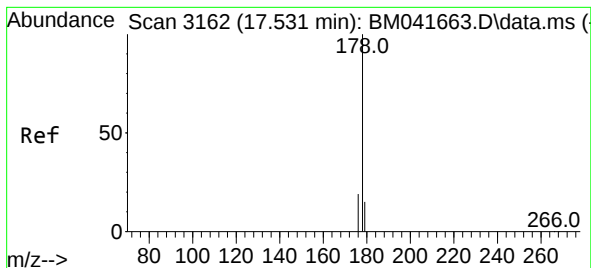
Ion Ratio Lower Upper

178 100

179 15.5 12.9 19.3

176 20.4 16.9 25.3





#16

Anthracene

Concen: 2.437 ng/ul

RT: 17.531 min Scan# 3162

Delta R.T. -0.004 min

Lab File: BM041670.D

Acq: 06 Sep 2023 22:18

Instrument :

BNA_M

ClientSampleId :

EZYH9

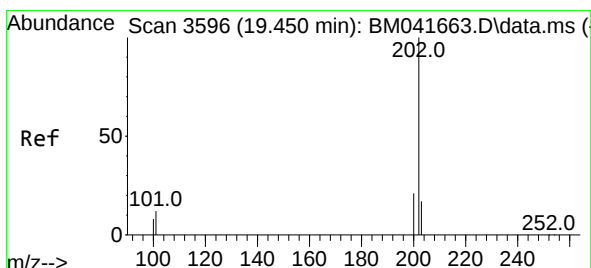
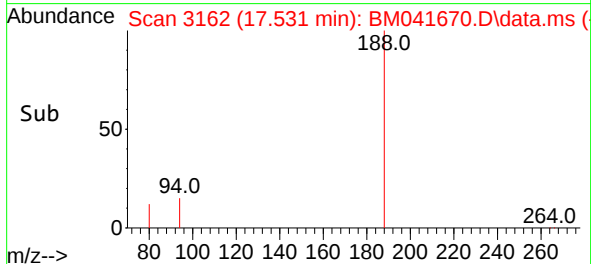
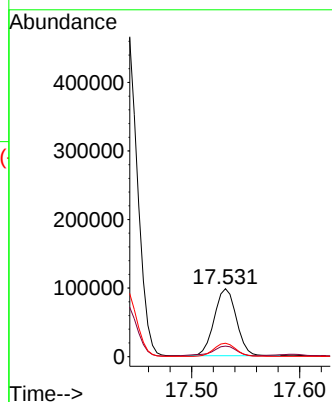
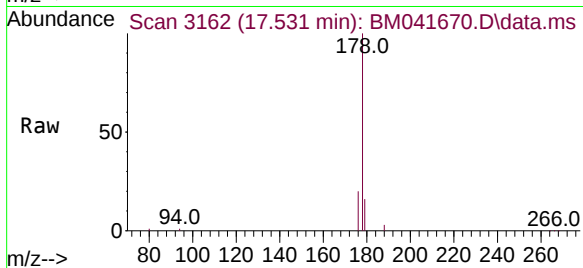
Tgt Ion:178 Resp: 139592

Ion Ratio Lower Upper

178 100

179 15.5 12.9 19.3

176 19.6 15.8 23.8



#19

Fluoranthene

Concen: 12.024 ng/ul

RT: 19.450 min Scan# 3596

Delta R.T. -0.000 min

Lab File: BM041670.D

Acq: 06 Sep 2023 22:18

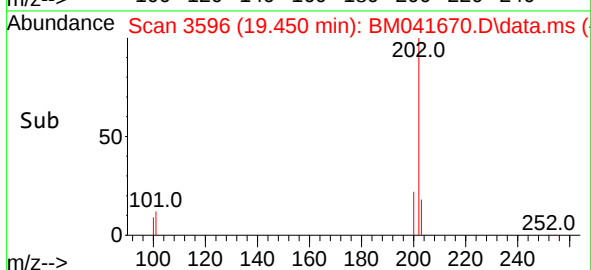
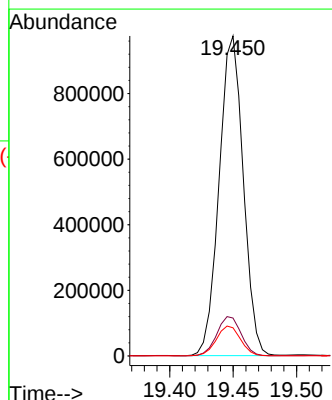
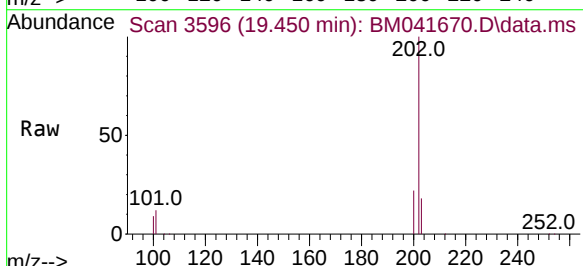
Tgt Ion:202 Resp: 1289640

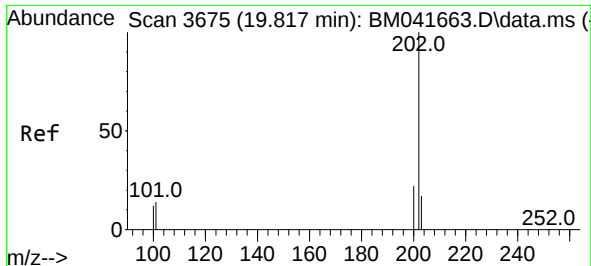
Ion Ratio Lower Upper

202 100

101 11.8 10.5 15.7

100 8.8 8.4 12.6

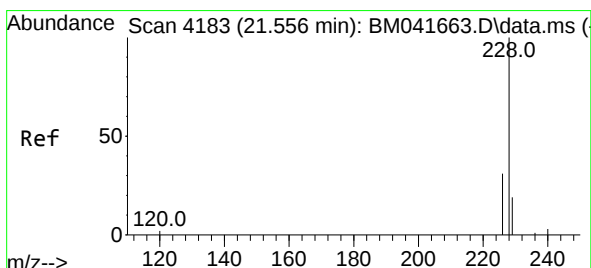
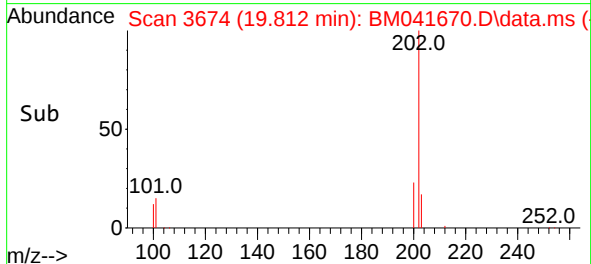
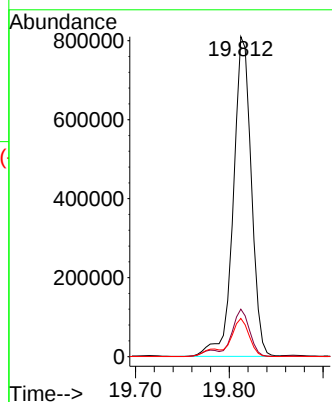
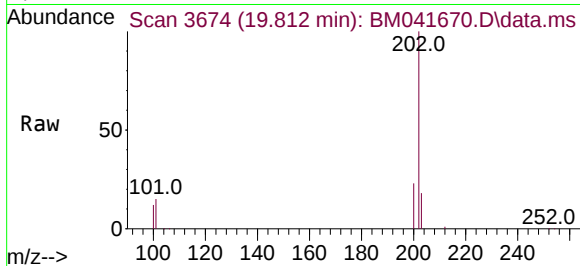




#20
Pyrene
Concen: 10.131 ng/ul
RT: 19.812 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM041670.D
Acq: 06 Sep 2023 22:18

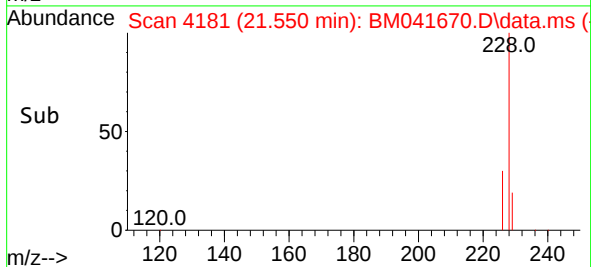
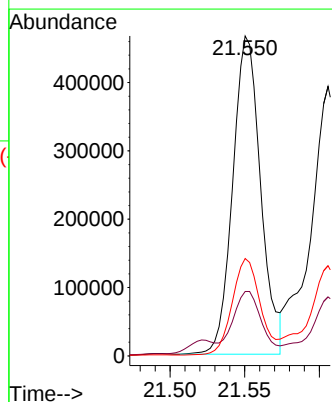
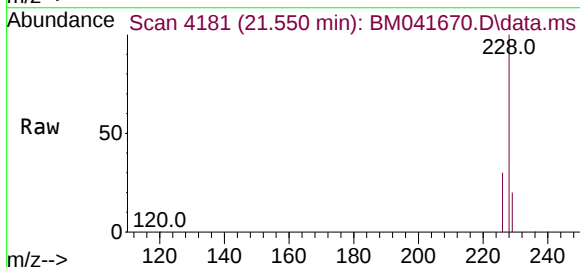
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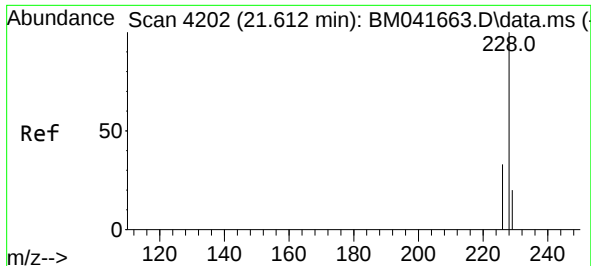
Tgt Ion:202 Resp: 1079265
Ion Ratio Lower Upper
202 100
101 14.8 11.8 17.8
100 11.9 9.8 14.6



#21
Benzo(a)anthracene
Concen: 8.177 ng/ul
RT: 21.550 min Scan# 4181
Delta R.T. -0.003 min
Lab File: BM041670.D
Acq: 06 Sep 2023 22:18

Tgt Ion:228 Resp: 606011
Ion Ratio Lower Upper
228 100
229 20.1 15.8 23.6
226 30.4 24.8 37.2

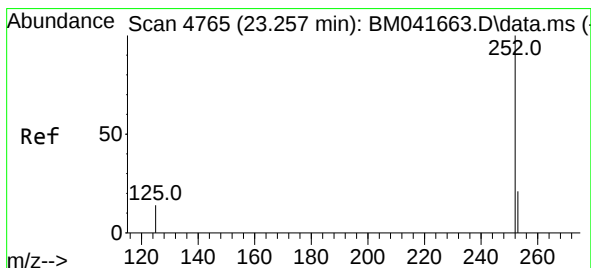
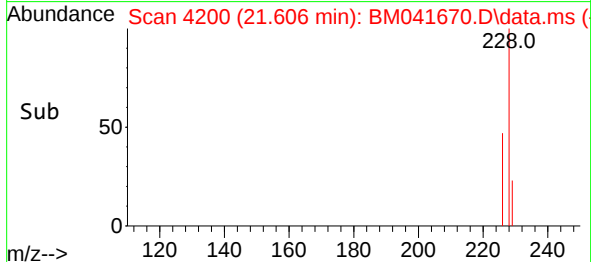
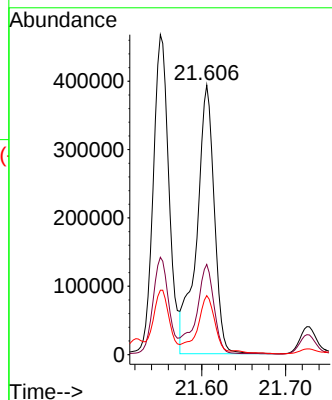
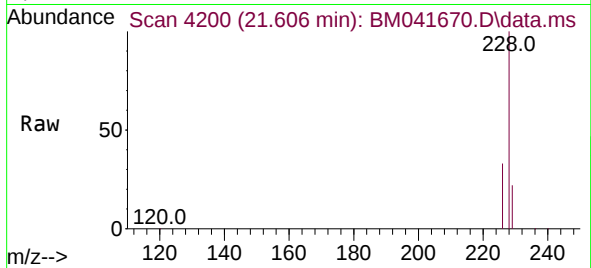




#22
Chrysene
Concen: 7.162 ng/ul
RT: 21.606 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM041670.D
Acq: 06 Sep 2023 22:18

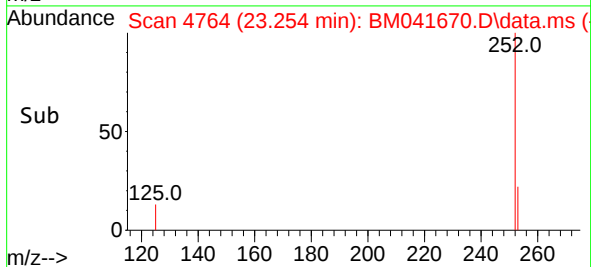
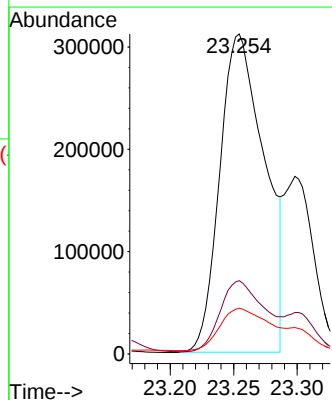
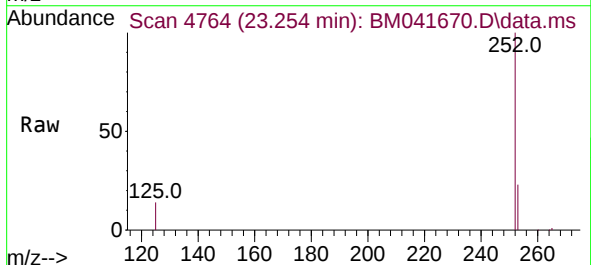
Instrument :
BNA_M
ClientSampleId :
EZYH9

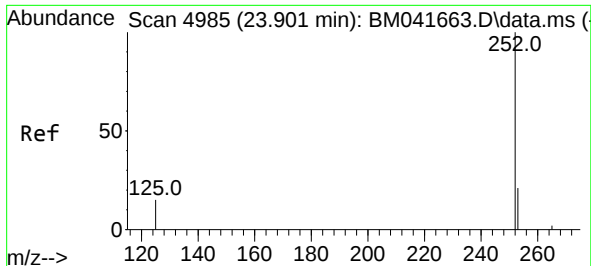
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Ion Ratio Lower Upper
228 100
226 33.5 27.0 40.6
229 21.9 15.4 23.2



#24
Benzo(b)fluoranthene
Concen: 8.103 ng/ul
RT: 23.254 min Scan# 4764
Delta R.T. 0.003 min
Lab File: BM041670.D
Acq: 06 Sep 2023 22:18

Tgt Ion:252 Resp: 762139
Ion Ratio Lower Upper
252 100
253 22.9 0.0 52.4
125 14.3 0.0 42.8

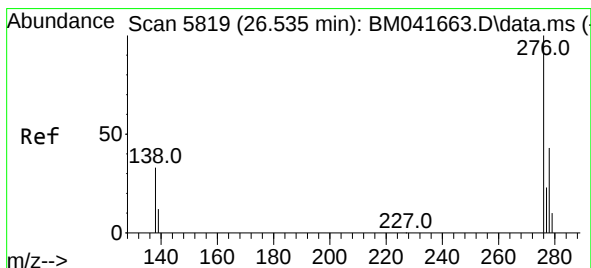
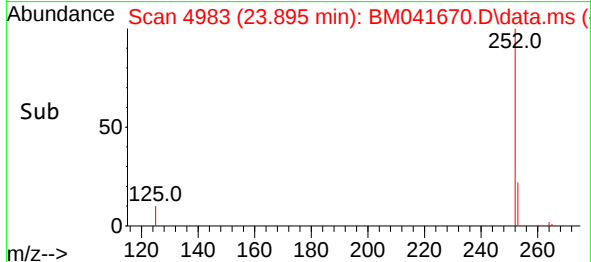
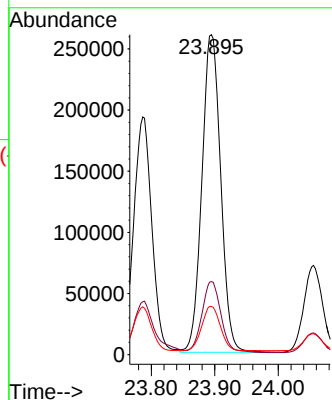
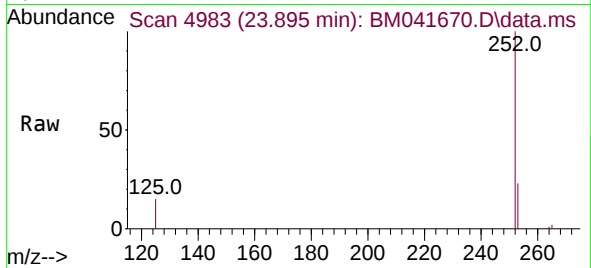




#26
Benzo(a)pyrene
Concen: 6.996 ng/ul
RT: 23.895 min Scan# 4985
Delta R.T. -0.003 min
Lab File: BM041670.D
Acq: 06 Sep 2023 22:18

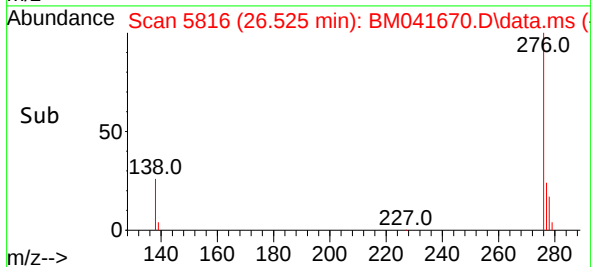
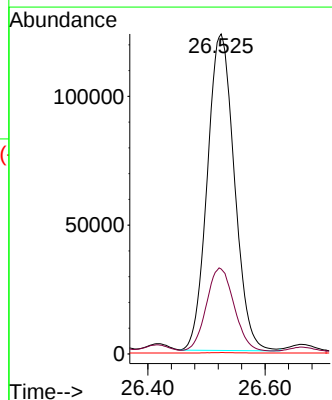
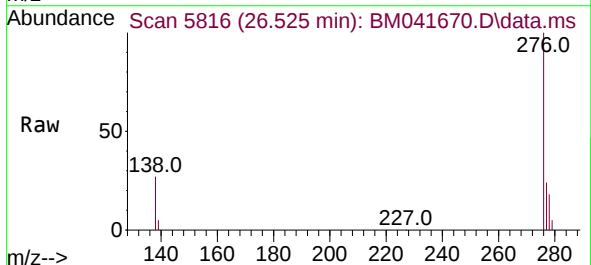
Instrument :
BNA_M
ClientSampleId :
EZYH9

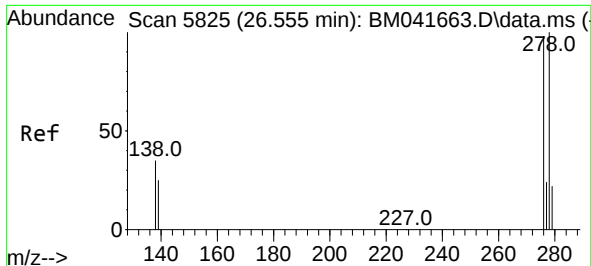
Tgt Ion:252 Resp: 534735
Ion Ratio Lower Upper
252 100
253 22.8 22.4 33.6
125 15.1 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.760 ng/ul
RT: 26.525 min Scan# 5816
Delta R.T. -0.007 min
Lab File: BM041670.D
Acq: 06 Sep 2023 22:18

Tgt Ion:276 Resp: 394299
Ion Ratio Lower Upper
276 100
138 26.8 26.4 39.6
227 0.2 0.1 0.1#

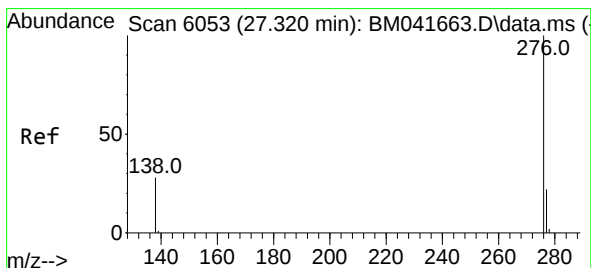
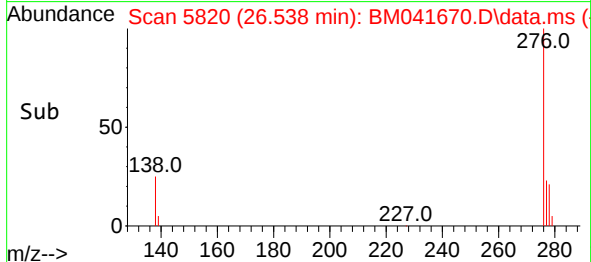
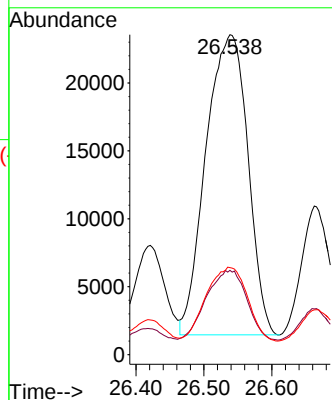
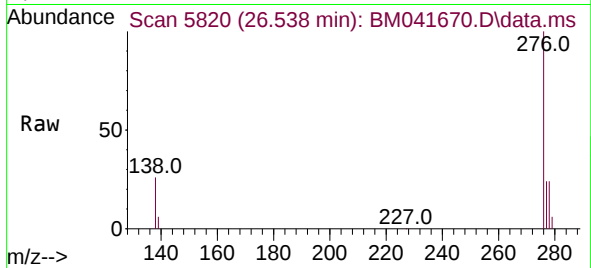




#28
Dibenzo(a,h)anthracene
Concen: 1.291 ng/ul
RT: 26.538 min Scan# 5820
Delta R.T. -0.014 min
Lab File: BM041670.D
Acq: 06 Sep 2023 22:18

Instrument :
BNA_M
ClientSampleId :
EZYH9

Tgt Ion:278 Resp: 94857
Ion Ratio Lower Upper
278 100
139 26.3 23.0 34.6
279 27.2 22.9 34.3



#29
Benzo(g,h,i)perylene
Concen: 4.095 ng/ul
RT: 27.316 min Scan# 6052
Delta R.T. -0.000 min
Lab File: BM041670.D
Acq: 06 Sep 2023 22:18

Tgt Ion:276 Resp: 380446
Ion Ratio Lower Upper
276 100
138 27.6 25.0 37.4
277 23.9 20.2 30.2

