

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
 Data File : BM041458.D
 Acq On : 24 Aug 2023 09:45
 Operator : MA/JU
 Sample : SSTD0.106
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.1043

Quant Time: Aug 24 18:22:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 24 13:21:17 2023
 Response via : Initial Calibration

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

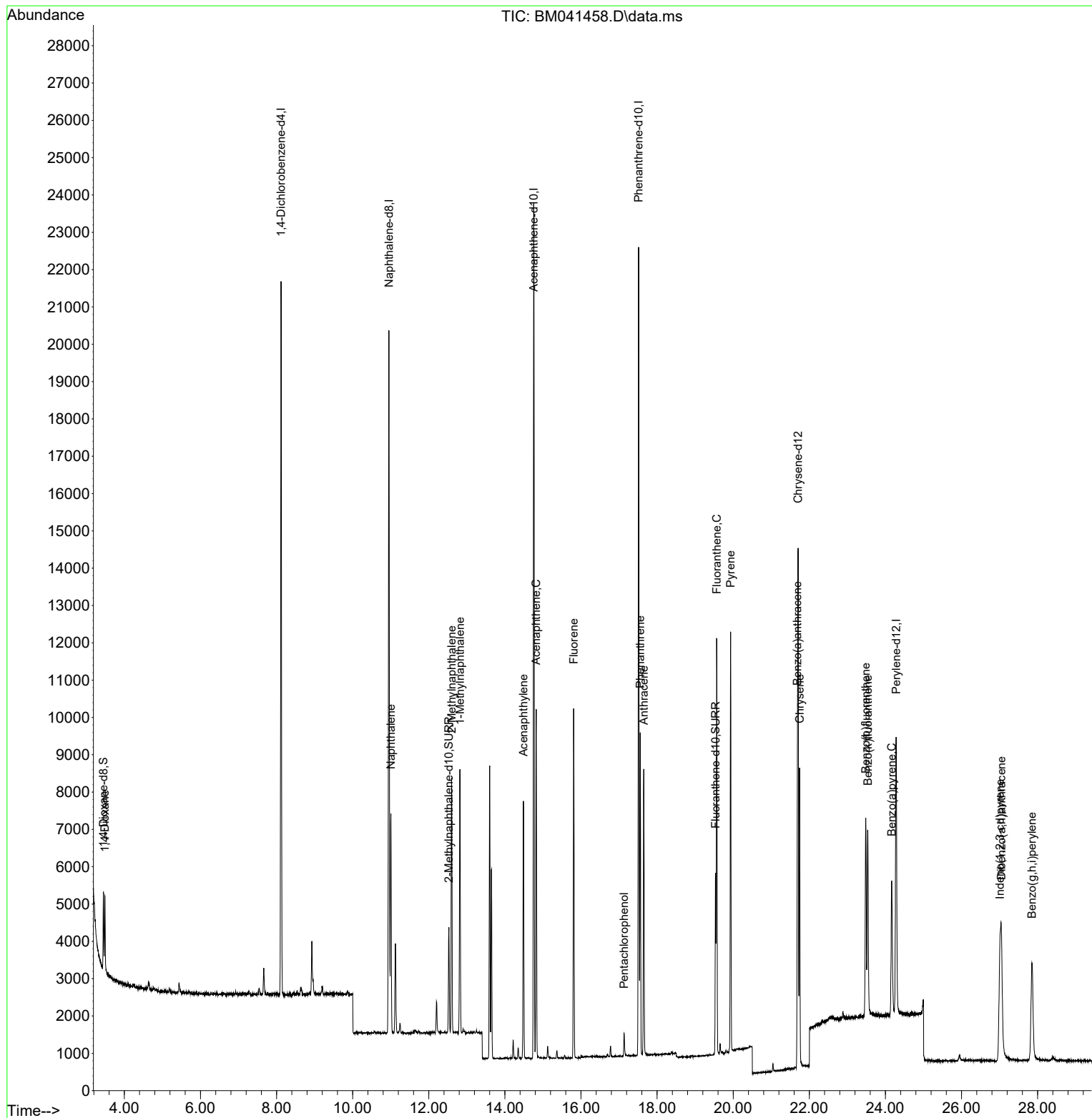
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	9373	0.400	ng/ul	0.00
4) Naphthalene-d8	10.955	136	25397	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.759	164	11840	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.514	188	23346	0.400	ng/ul	0.00
17) Chrysene-d12	21.705	240	10191	0.400	ng/ul	0.00
23) Perylene-d12	24.284	264	10863	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	1295	0.109	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.528	152	3531	0.105	ng/ul	0.00
18) Fluoranthene-d10	19.538	212	4542	0.101	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.490	88	1282	0.105	ng/ul#	72
5) Naphthalene	11.005	128	7983	0.105	ng/ul	97
7) 2-Methylnaphthalene	12.599	142	4773	0.105	ng/ul	100
8) 1-Methylnaphthalene	12.819	142	4859	0.105	ng/ul	100
10) Acenaphthylene	14.486	152	7388	0.104	ng/ul	98
11) Acenaphthene	14.823	153	5112	0.103	ng/ul	98
12) Fluorene	15.809	166	5722	0.103	ng/ul	100
14) Pentachlorophenol	17.134	266	407	0.092	ng/ul#	88
15) Phenanthrene	17.557	178	8786	0.103	ng/ul	97
16) Anthracene	17.649	178	7993	0.102	ng/ul	97
19) Fluoranthene	19.566	202	8902	0.095	ng/ul	97
20) Pyrene	19.933	202	9228	0.098	ng/ul	98
21) Benzo(a)anthracene	21.688	228	6703	0.101	ng/ul	97
22) Chrysene	21.746	228	7203	0.101	ng/ul	99
24) Benzo(b)fluoranthene	23.482	252	7154	0.096	ng/ul	86
25) Benzo(k)fluoranthene	23.538	252	7149	0.096	ng/ul#	91
26) Benzo(a)pyrene	24.167	252	5899	0.097	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	27.008	276	7370	0.096	ng/ul#	100
28) Dibenzo(a,h)anthracene	27.045	278	5603	0.096	ng/ul#	84
29) Benzo(g,h,i)perylene	27.850	276	6602	0.098	ng/ul	92

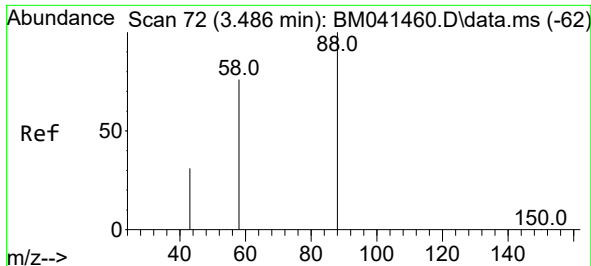
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 24 13:21:17 2023
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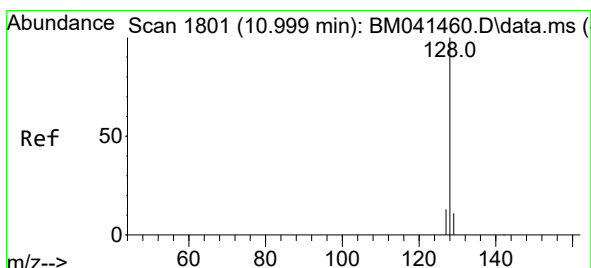
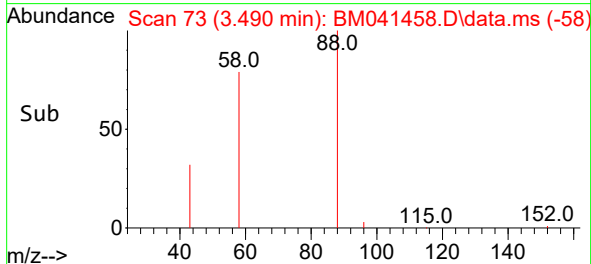
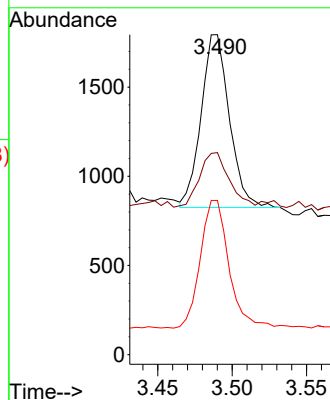
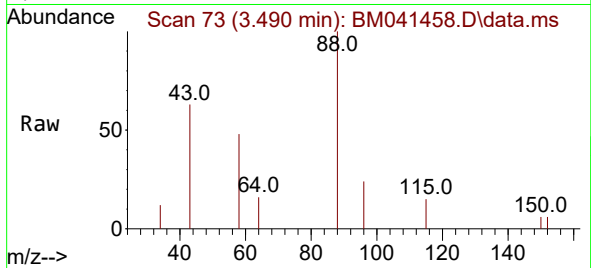




#2
1,4-Dioxane
Concen: 0.105 ng/ul
RT: 3.490 min Scan# 71
Delta R.T. 0.004 min
Lab File: BM041458.D
Acq: 24 Aug 2023 09:45

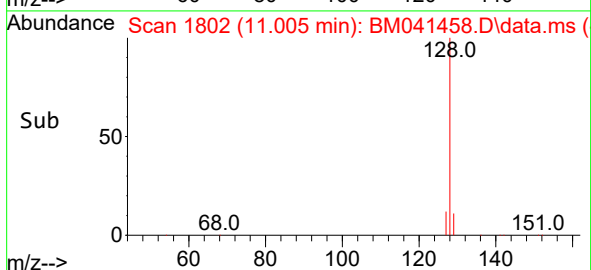
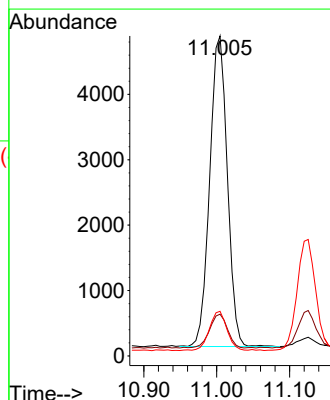
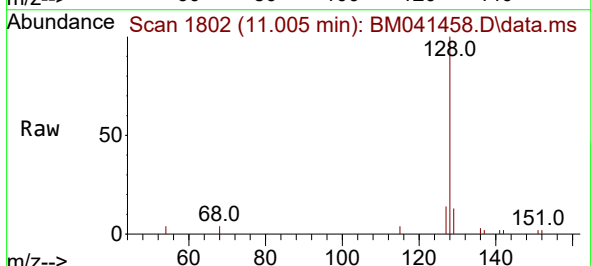
Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

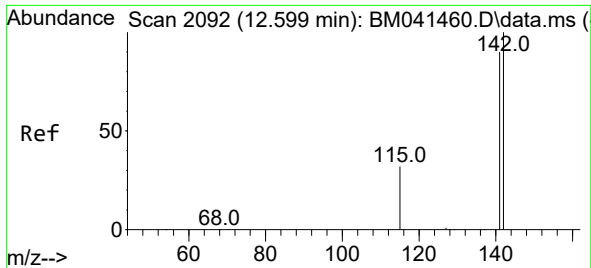
Tgt Ion: 88 Resp: 1282
Ion Ratio Lower Upper
88 100
43 63.2 35.4 53.2#
58 48.2 57.3 85.9#



#5
Naphthalene
Concen: 0.105 ng/ul
RT: 11.005 min Scan# 1802
Delta R.T. 0.005 min
Lab File: BM041458.D
Acq: 24 Aug 2023 09:45

Tgt Ion: 128 Resp: 7983
Ion Ratio Lower Upper
128 100
129 13.1 8.9 13.3
127 14.0 10.6 15.8

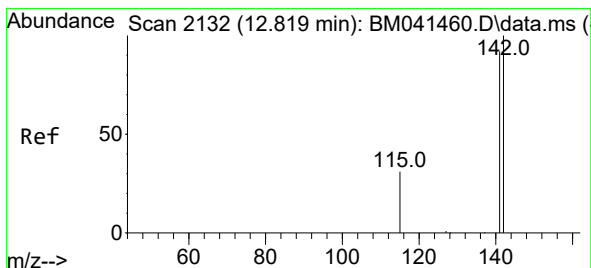
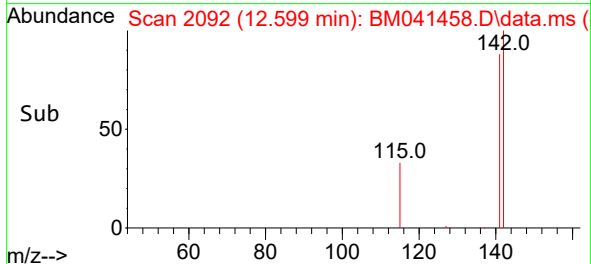
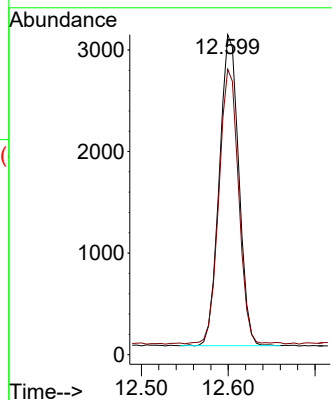
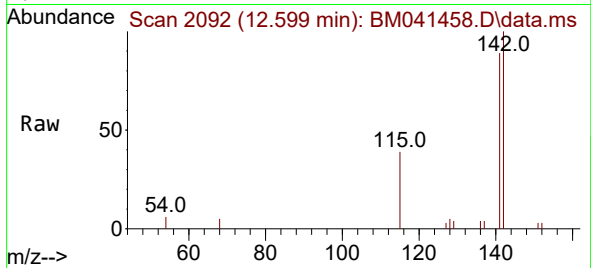




#7
2-Methylnaphthalene
Concen: 0.105 ng/ul
RT: 12.599 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BM041458.D
Acq: 24 Aug 2023 09:45

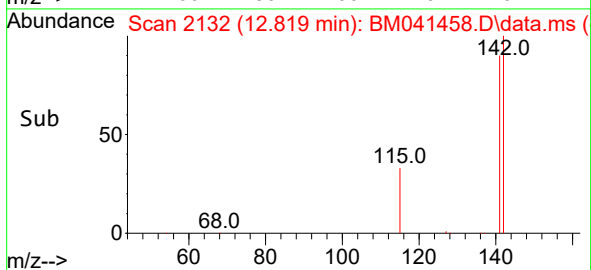
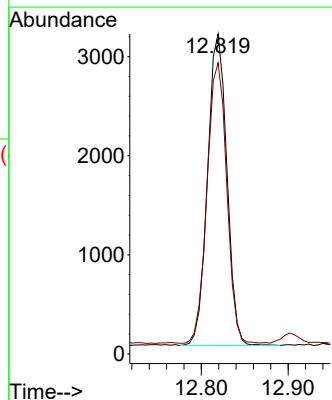
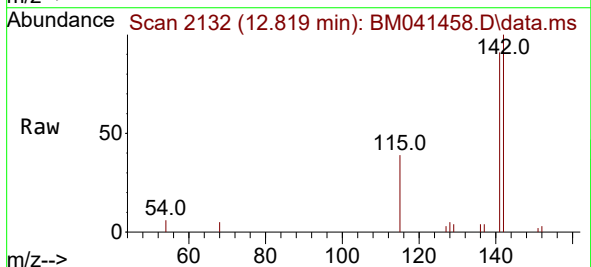
Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

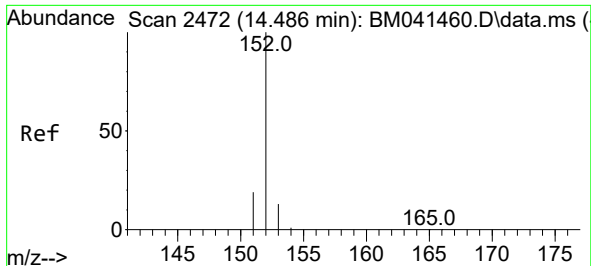
Tgt Ion:142 Resp: 4773
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.105 ng/ul
RT: 12.819 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BM041458.D
Acq: 24 Aug 2023 09:45

Tgt Ion:142 Resp: 4859
Ion Ratio Lower Upper
142 100
141 91.3 73.4 110.2

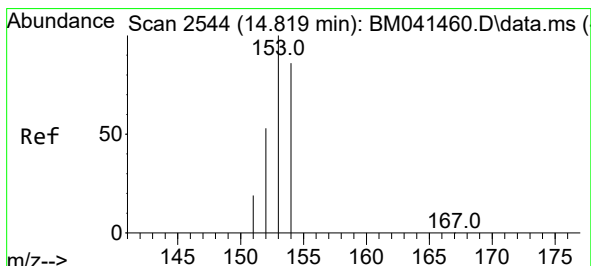
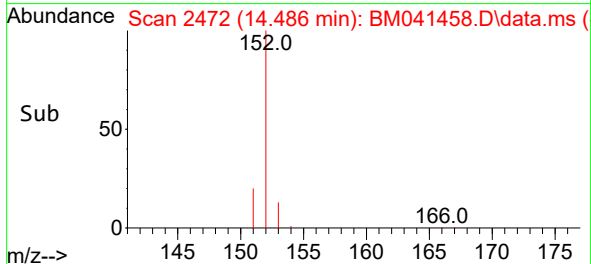
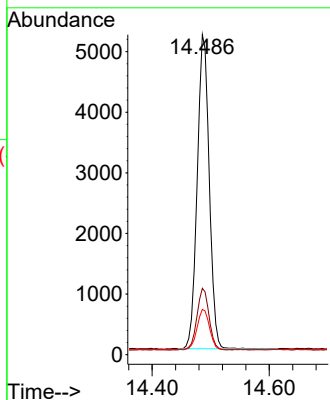
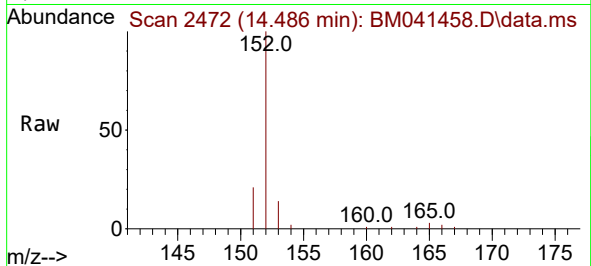




#10
Acenaphthylene
Concen: 0.104 ng/ul
RT: 14.486 min Scan# 2472
Delta R.T. -0.000 min
Lab File: BM041458.D
Acq: 24 Aug 2023 09:45

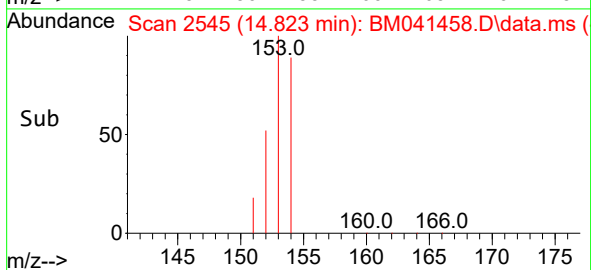
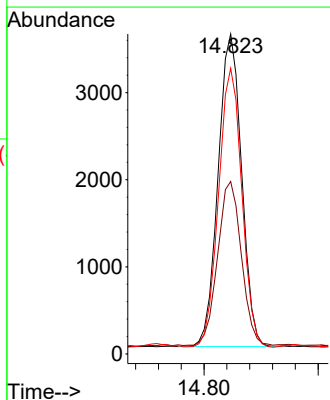
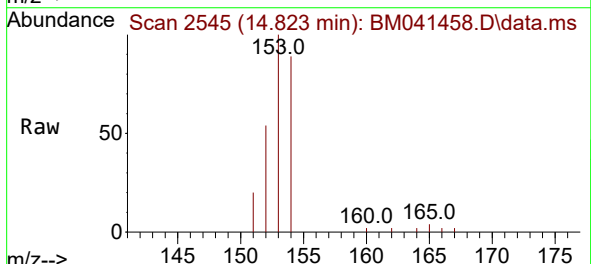
Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

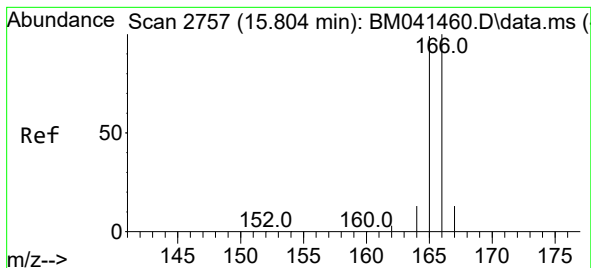
Tgt Ion:152	Resp:	7388
Ion Ratio	Lower	Upper
152	100	
151	20.8	15.8 23.6
153	14.2	10.6 15.8



#11
Acenaphthene
Concen: 0.103 ng/ul
RT: 14.823 min Scan# 2545
Delta R.T. 0.005 min
Lab File: BM041458.D
Acq: 24 Aug 2023 09:45

Tgt Ion:153	Resp:	5112
Ion Ratio	Lower	Upper
153	100	
152	53.9	42.9 64.3
154	89.2	68.9 103.3





#12

Fluorene

Concen: 0.103 ng/ul

RT: 15.809 min Scan# 21

Delta R.T. 0.005 min

Lab File: BM041458.D

Acq: 24 Aug 2023 09:45

Instrument :

BNA_M

ClientSampleId :

SSTD0.1043

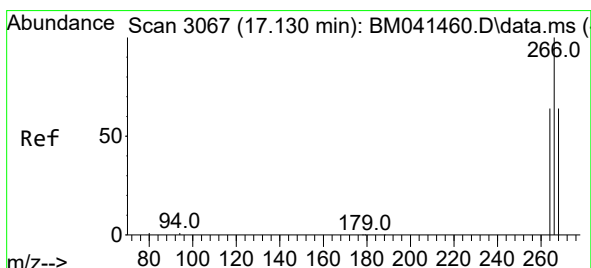
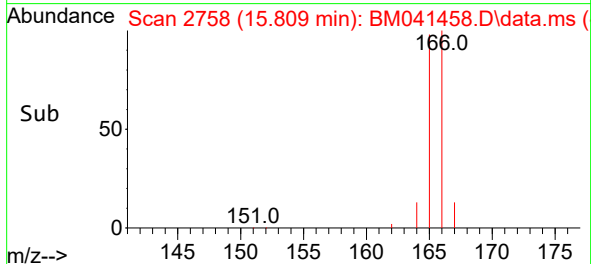
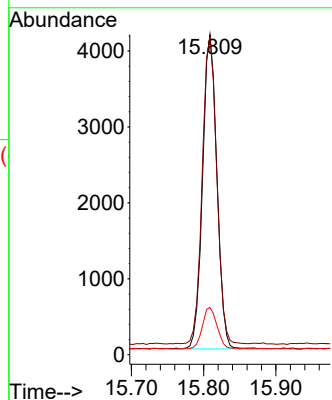
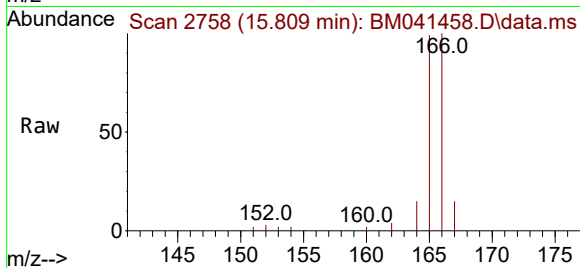
Tgt Ion:166 Resp: 5722

Ion Ratio Lower Upper

166 100

165 99.4 79.4 119.2

167 14.8 11.0 16.6



#14

Pentachlorophenol

Concen: 0.092 ng/ul

RT: 17.134 min Scan# 3068

Delta R.T. 0.004 min

Lab File: BM041458.D

Acq: 24 Aug 2023 09:45

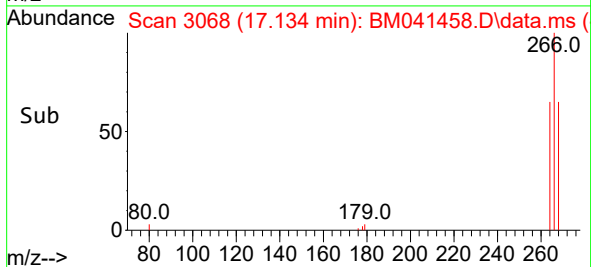
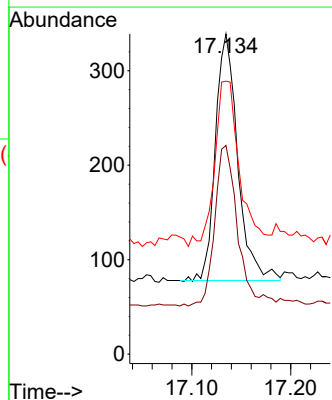
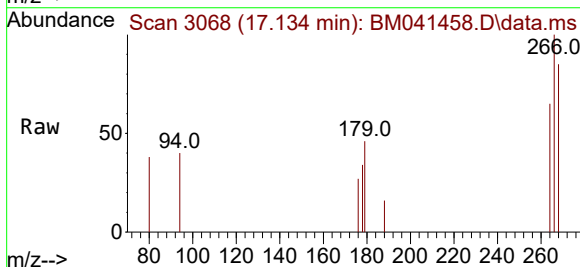
Tgt Ion:266 Resp: 407

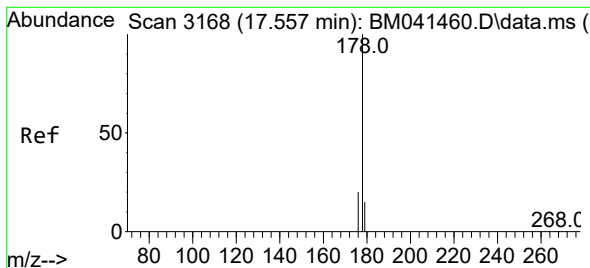
Ion Ratio Lower Upper

266 100

264 66.8 50.1 75.1

268 74.7 48.6 73.0#





#15

Phenanthrene

Concen: 0.103 ng/ul

RT: 17.557 min Scan# 3168

Delta R.T. -0.000 min

Lab File: BM041458.D

Acq: 24 Aug 2023 09:45

Instrument :

BNA_M

ClientSampleId :

SSTD0.1043

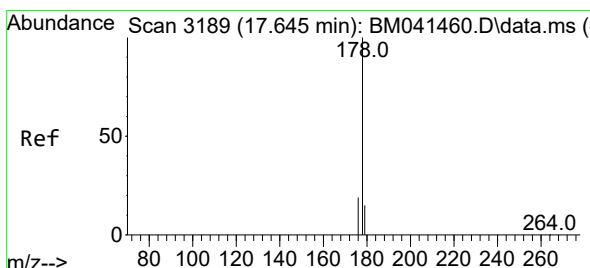
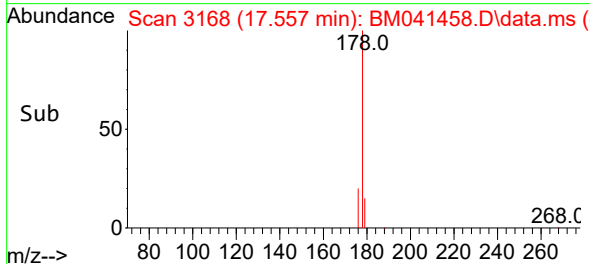
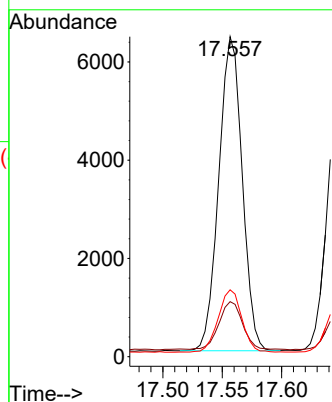
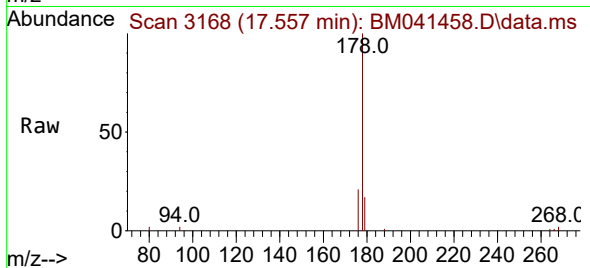
Tgt Ion:178 Resp: 8786

Ion Ratio Lower Upper

178 100

179 17.2 12.5 18.7

176 20.9 15.8 23.8



#16

Anthracene

Concen: 0.102 ng/ul

RT: 17.649 min Scan# 3190

Delta R.T. 0.004 min

Lab File: BM041458.D

Acq: 24 Aug 2023 09:45

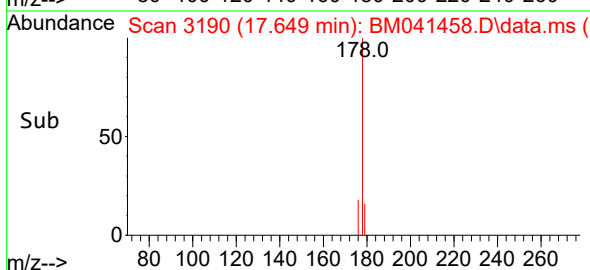
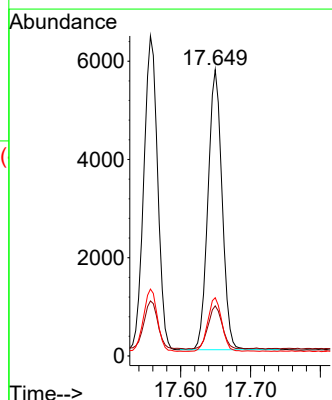
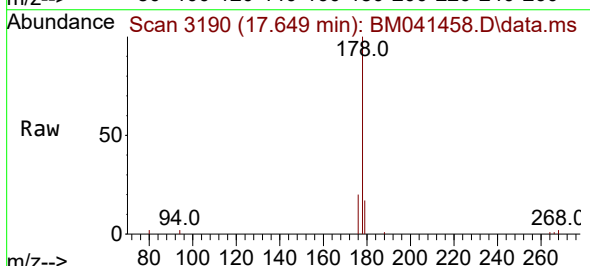
Tgt Ion:178 Resp: 7993

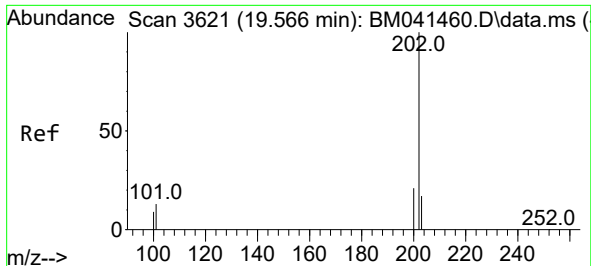
Ion Ratio Lower Upper

178 100

179 17.5 12.6 18.8

176 20.4 15.5 23.3

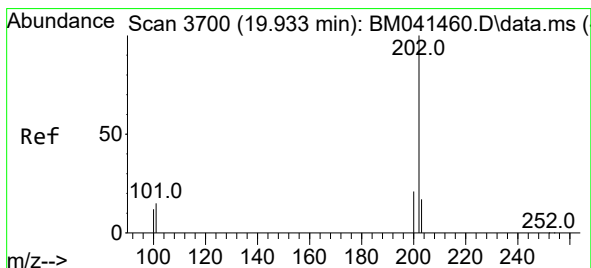
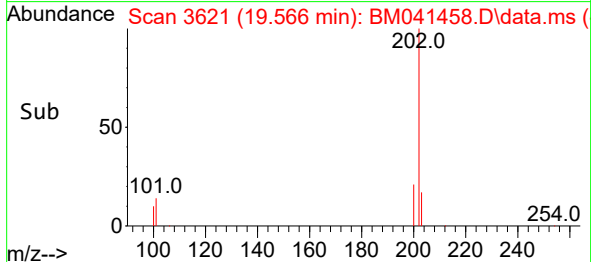
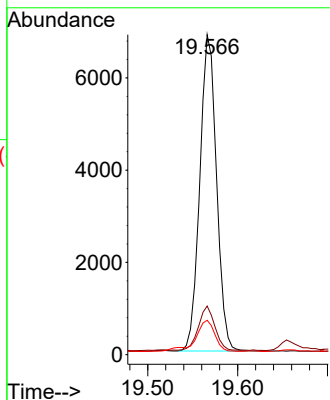
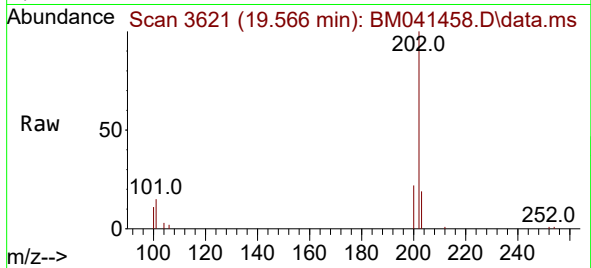




#19
Fluoranthene
Concen: 0.095 ng/ul
RT: 19.566 min Scan# 3621
Delta R.T. -0.000 min
Lab File: BM041458.D
Acq: 24 Aug 2023 09:45

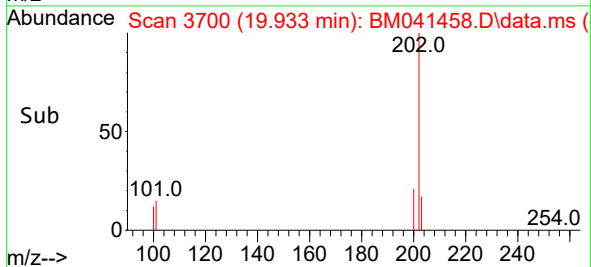
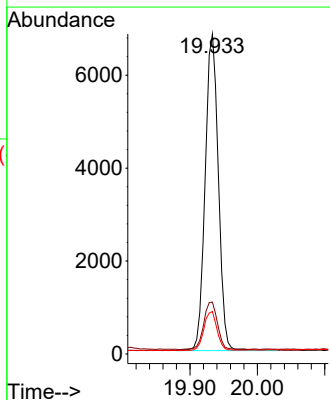
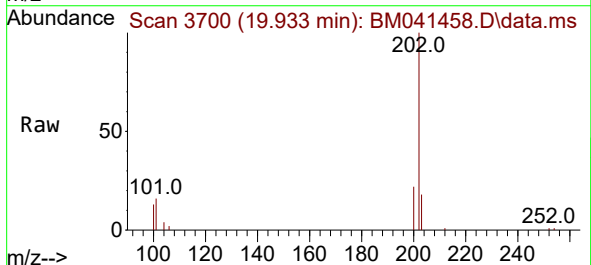
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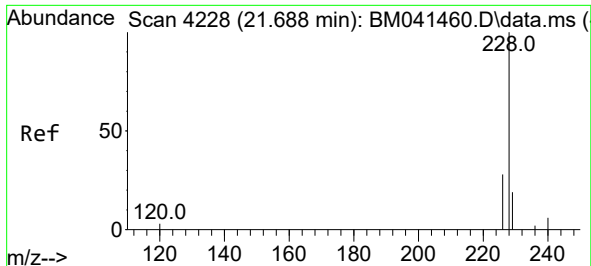
Tgt Ion:202 Resp: 8902
Ion Ratio Lower Upper
202 100
101 15.2 11.0 16.6
100 10.8 7.9 11.9



#20
Pyrene
Concen: 0.098 ng/ul
RT: 19.933 min Scan# 3700
Delta R.T. -0.000 min
Lab File: BM041458.D
Acq: 24 Aug 2023 09:45

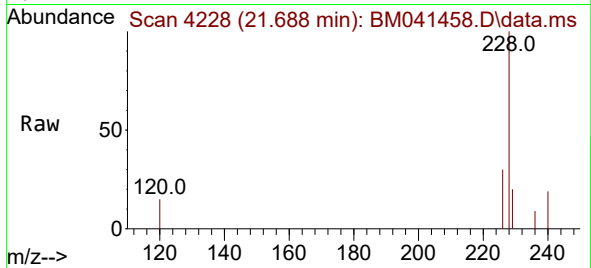
Tgt Ion:202 Resp: 9228
Ion Ratio Lower Upper
202 100
101 16.2 12.2 18.2
100 13.2 9.8 14.8



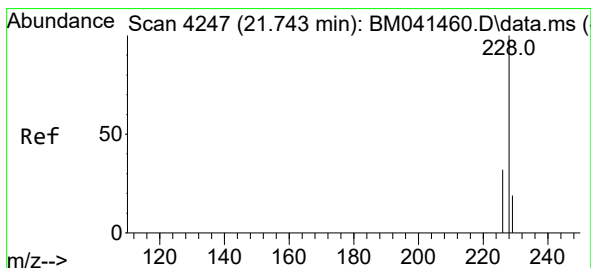
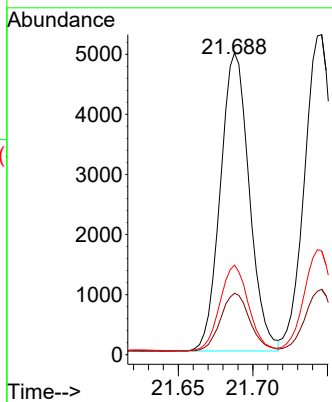
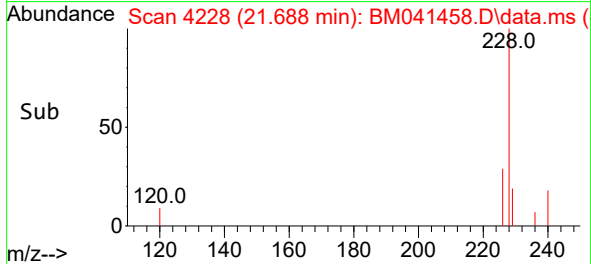


#21
Benzo(a)anthracene
Concen: 0.101 ng/ul
RT: 21.688 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM041458.D
Acq: 24 Aug 2023 09:45

Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

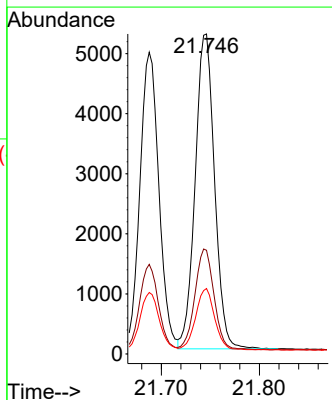
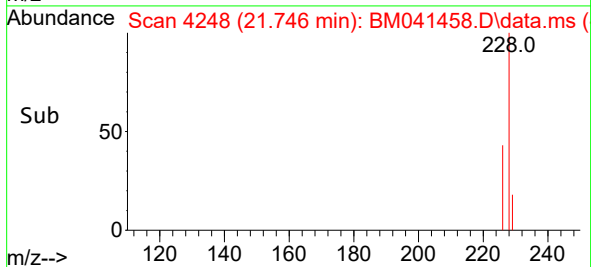
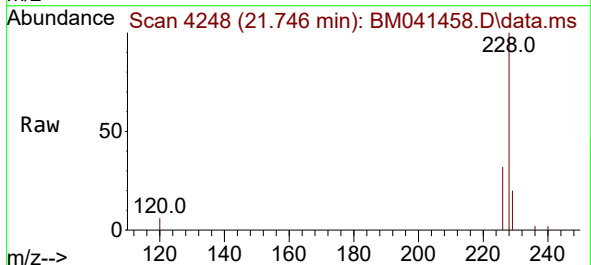


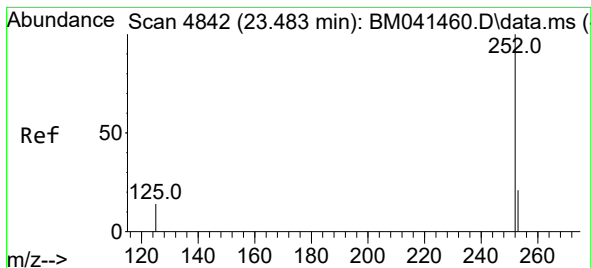
Tgt Ion:228 Resp: 6703
Ion Ratio Lower Upper
228 100
229 20.4 15.3 22.9
226 29.7 22.7 34.1



#22
Chrysene
Concen: 0.101 ng/ul
RT: 21.746 min Scan# 4248
Delta R.T. 0.003 min
Lab File: BM041458.D
Acq: 24 Aug 2023 09:45

Tgt Ion:228 Resp: 7203
Ion Ratio Lower Upper
228 100
226 32.4 25.6 38.4
229 20.4 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.096 ng/ul

RT: 23.482 min Scan# 4842

Delta R.T. -0.000 min

Lab File: BM041458.D

Acq: 24 Aug 2023 09:45

Instrument :

BNA_M

ClientSampleId :

SSTD0.1043

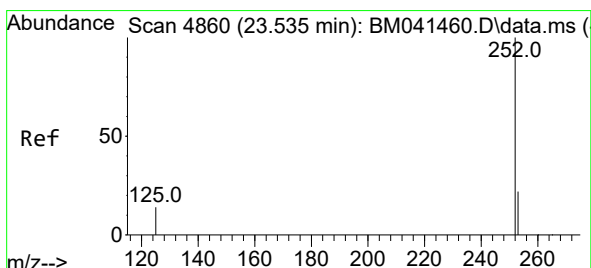
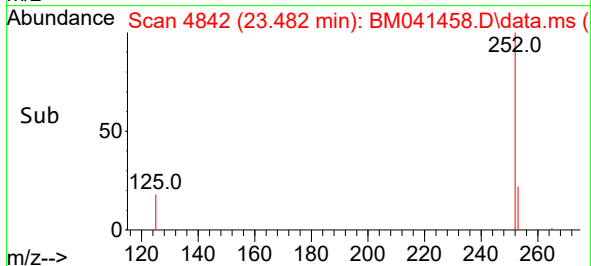
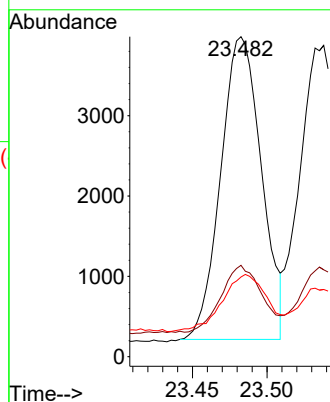
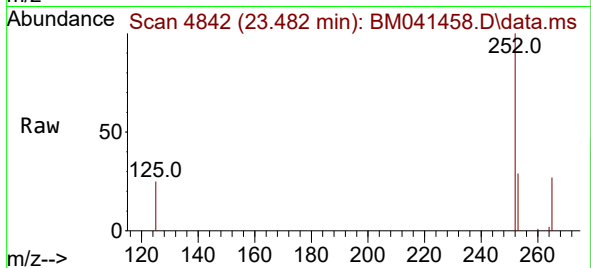
Tgt Ion:252 Resp: 7154

Ion Ratio Lower Upper

252 100

253 28.5 0.0 46.8

125 24.9 0.0 32.8



#25

Benzo(k)fluoranthene

Concen: 0.096 ng/ul

RT: 23.538 min Scan# 4861

Delta R.T. 0.003 min

Lab File: BM041458.D

Acq: 24 Aug 2023 09:45

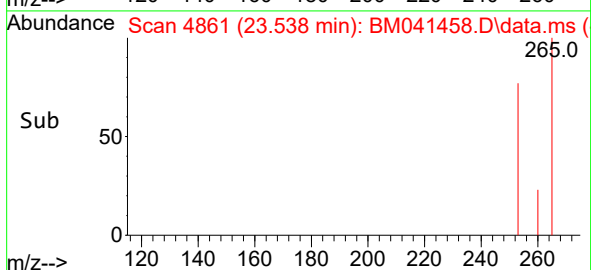
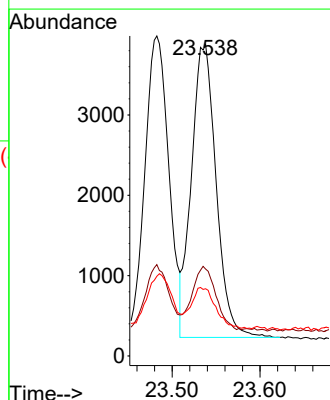
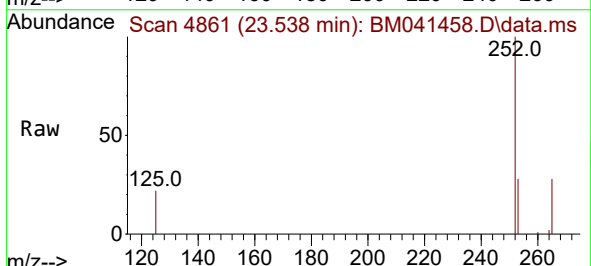
Tgt Ion:252 Resp: 7149

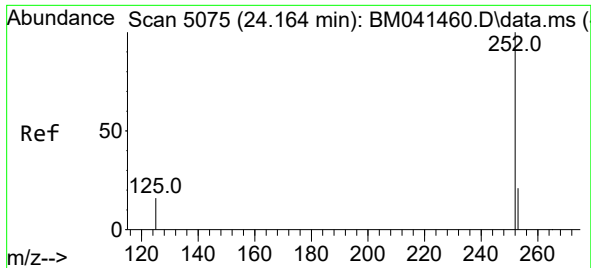
Ion Ratio Lower Upper

252 100

253 27.9 19.1 28.7

125 21.6 13.4 20.0#

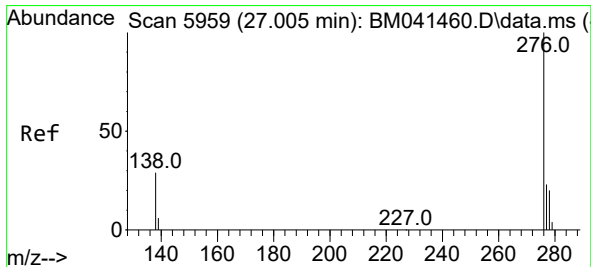
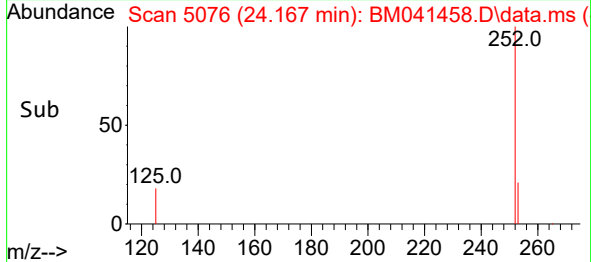
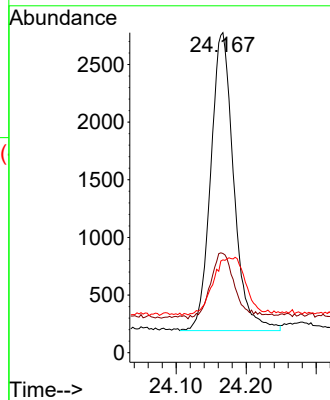
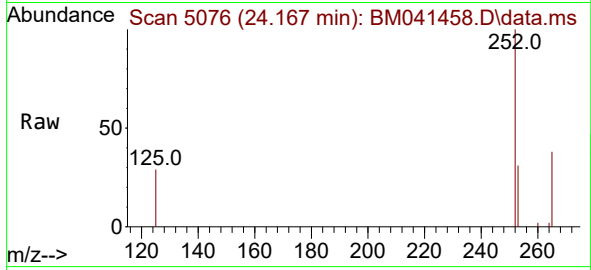




#26
Benzo(a)pyrene
Concen: 0.097 ng/ul
RT: 24.167 min Scan# 5075
Delta R.T. 0.003 min
Lab File: BM041458.D
Acq: 24 Aug 2023 09:45

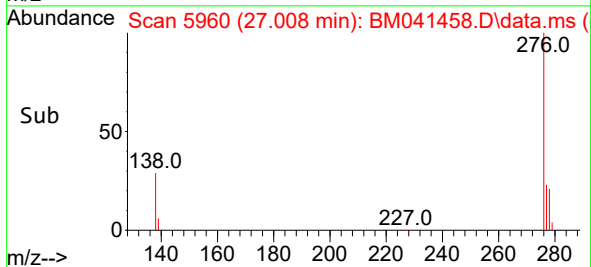
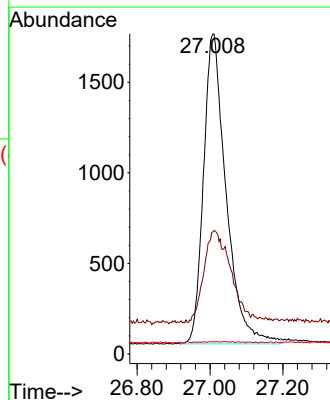
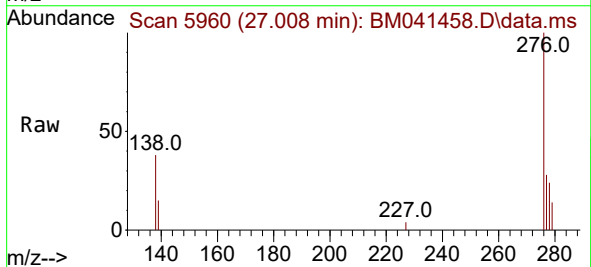
Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

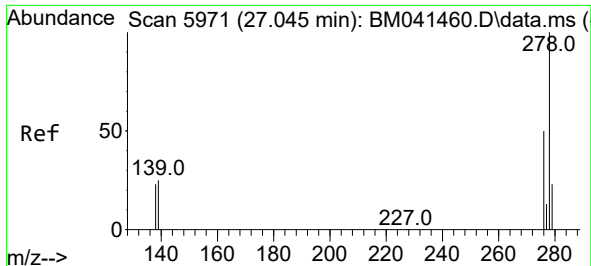
Tgt Ion:252 Resp: 5899
Ion Ratio Lower Upper
252 100
253 31.0 19.5 29.3#
125 29.0 16.0 24.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.096 ng/ul
RT: 27.008 min Scan# 5960
Delta R.T. 0.003 min
Lab File: BM041458.D
Acq: 24 Aug 2023 09:45

Tgt Ion:276 Resp: 7370
Ion Ratio Lower Upper
276 100
138 34.7 27.8 41.6
227 0.1 0.0 0.0#

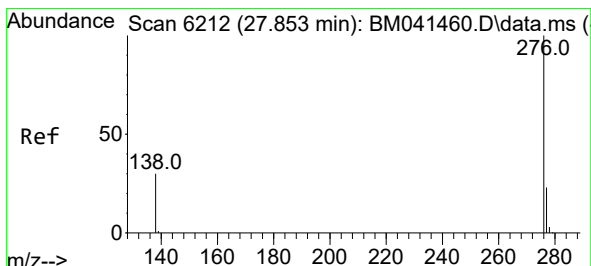
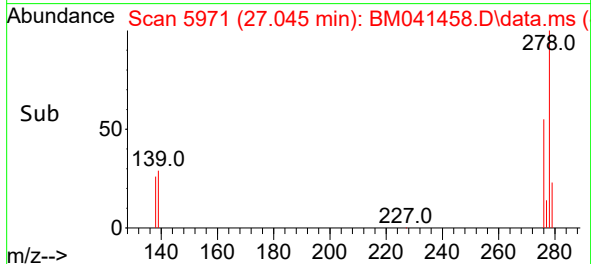
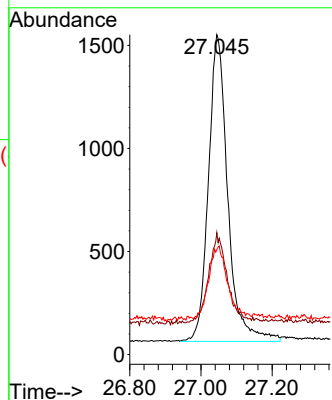
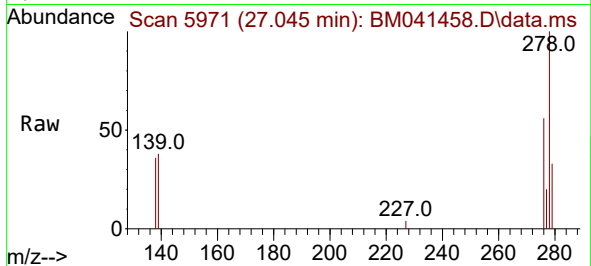




#28
Dibenzo(a,h)anthracene
Concen: 0.096 ng/ul
RT: 27.045 min Scan# 5971
Delta R.T. -0.000 min
Lab File: BM041458.D
Acq: 24 Aug 2023 09:45

Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

Tgt Ion:278 Resp: 5603
Ion Ratio Lower Upper
278 100
139 38.1 21.9 32.9#
279 32.9 21.4 32.0#



#29
Benzo(g,h,i)perylene
Concen: 0.098 ng/ul
RT: 27.850 min Scan# 6211
Delta R.T. -0.003 min
Lab File: BM041458.D
Acq: 24 Aug 2023 09:45

Tgt Ion:276 Resp: 6602
Ion Ratio Lower Upper
276 100
138 37.8 25.9 38.9
277 27.7 19.4 29.2

