

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090523\
 Data File : BM041655.D
 Acq On : 05 Sep 2023 16:26
 Operator : MA/JU
 Sample : SST0.124
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1015

Quant Time: Sep 06 02:13:38 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 02:12:18 2023
 Response via : Initial Calibration

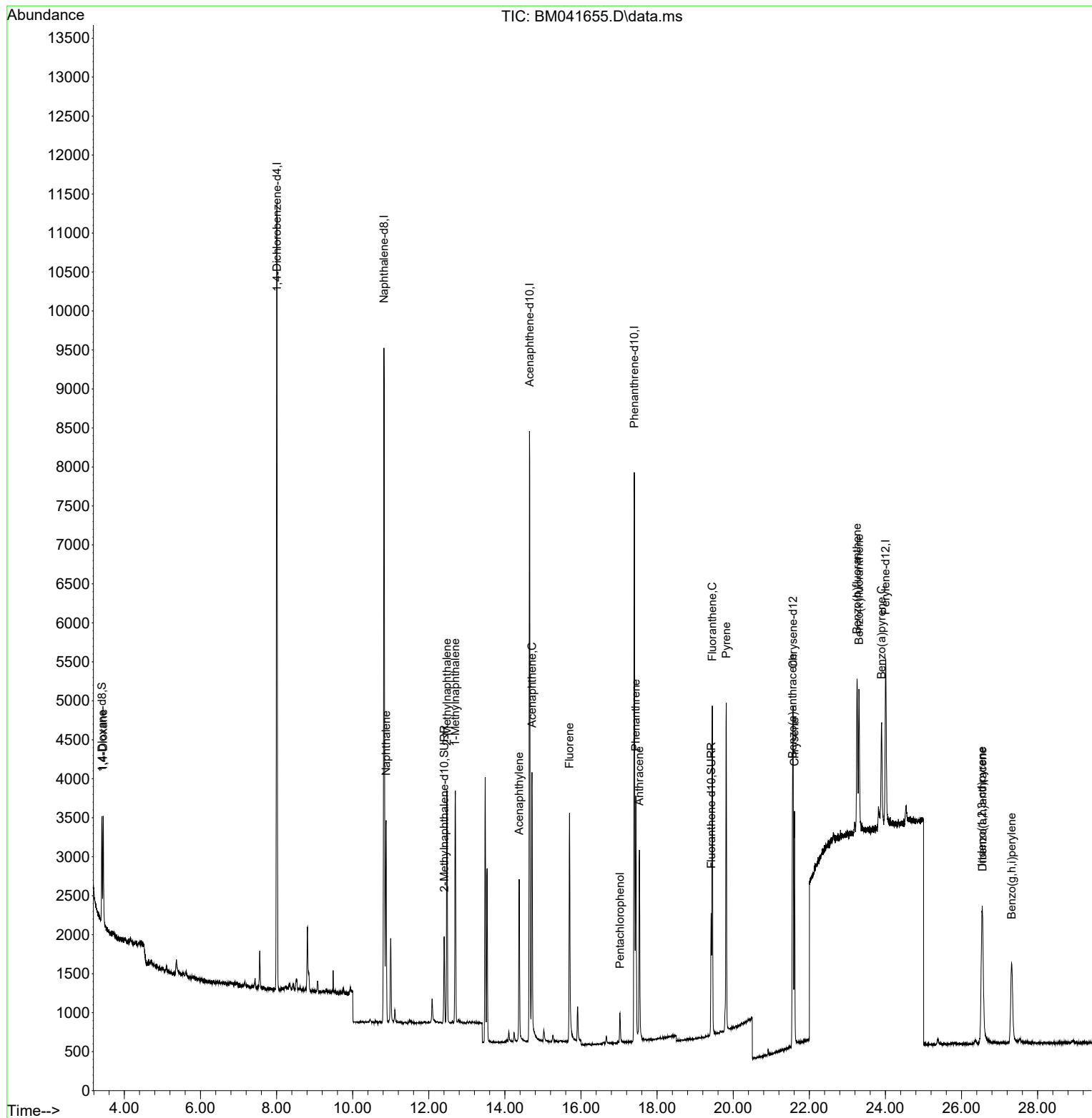
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	4906	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	10845	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.648	164	4096	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	8055	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	2851	0.400	ng/ul	0.00
23) Perylene-d12	24.006	264	2998	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	846	0.117	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.407	152	1400	0.107	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	1391	0.099	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.444	88	830	0.107	ng/ul#	81
5) Naphthalene	10.878	128	3566	0.103	ng/ul#	95
7) 2-Methylnaphthalene	12.478	142	2006	0.102	ng/ul	99
8) 1-Methylnaphthalene	12.698	142	2006	0.101	ng/ul	99
10) Acenaphthylene	14.375	152	2589	0.091	ng/ul	95
11) Acenaphthene	14.712	153	1989	0.101	ng/ul	99
12) Fluorene	15.698	166	2257	0.105	ng/ul	96
14) Pentachlorophenol	17.025	266	277	0.089	ng/ul	98
15) Phenanthrene	17.443	178	3434	0.098	ng/ul	94
16) Anthracene	17.535	178	2808	0.092	ng/ul	94
19) Fluoranthene	19.450	202	3370	0.090	ng/ul	95
20) Pyrene	19.817	202	3419	0.091	ng/ul	95
21) Benzo(a)anthracene	21.556	228	2315	0.091	ng/ul	97
22) Chrysene	21.609	228	2545	0.093	ng/ul	98
24) Benzo(b)fluoranthene	23.254	252	2617	0.094	ng/ul	67
25) Benzo(k)fluoranthene	23.307	252	2512	0.095	ng/ul#	66
26) Benzo(a)pyrene	23.898	252	2165	0.087	ng/ul#	56
27) Indeno(1,2,3-cd)pyrene	26.535	276	2872	0.087	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.552	278	1957	0.088	ng/ul#	79
29) Benzo(g,h,i)perylene	27.320	276	2585	0.093	ng/ul#	88

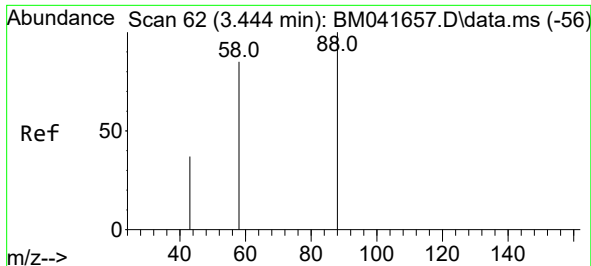
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090523\
Data File : BM041655.D
Acq On : 05 Sep 2023 16:26
Operator : MA/JU
Sample : SST0.124
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

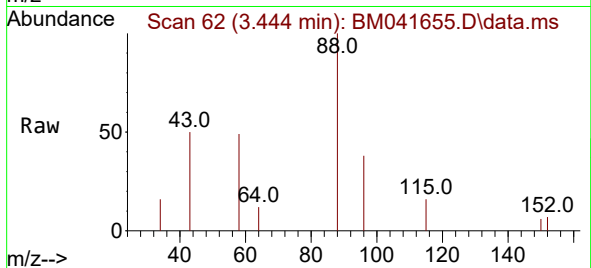
Quant Time: Sep 06 02:13:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:12:18 2023
Response via : Initial Calibration



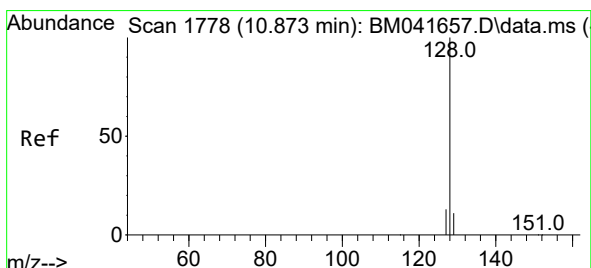
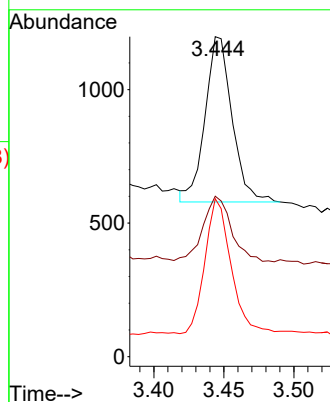
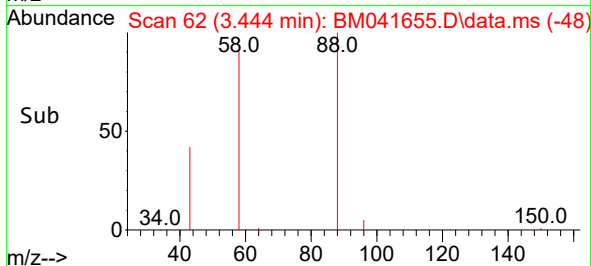


#2
1,4-Dioxane
Concen: 0.107 ng/ul
RT: 3.444 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM041655.D
Acq: 05 Sep 2023 16:26

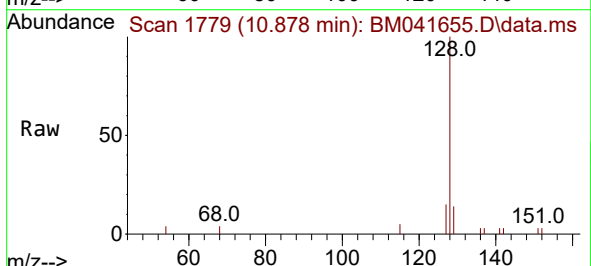
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015



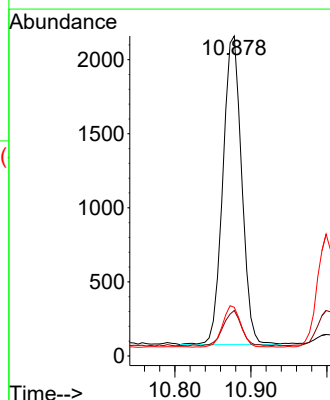
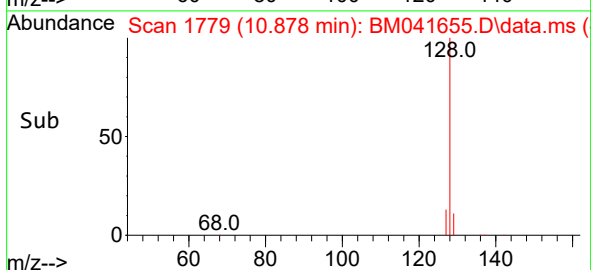
Tgt Ion: 88 Resp: 830
Ion Ratio Lower Upper
88 100
43 50.2 33.8 50.6
58 49.3 54.2 81.2#

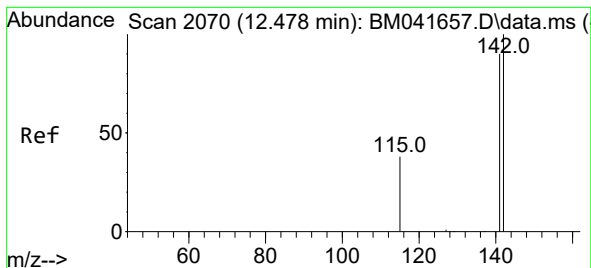


#5
Naphthalene
Concen: 0.103 ng/ul
RT: 10.878 min Scan# 1779
Delta R.T. 0.006 min
Lab File: BM041655.D
Acq: 05 Sep 2023 16:26



Tgt Ion: 128 Resp: 3566
Ion Ratio Lower Upper
128 100
129 14.2 9.4 14.0#
127 15.2 11.0 16.6

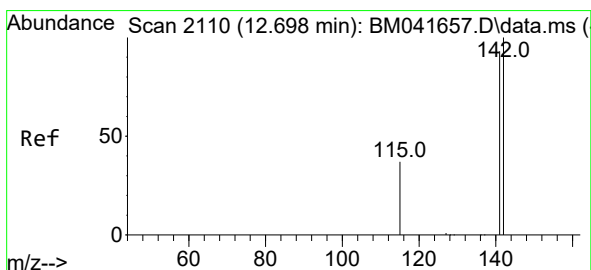
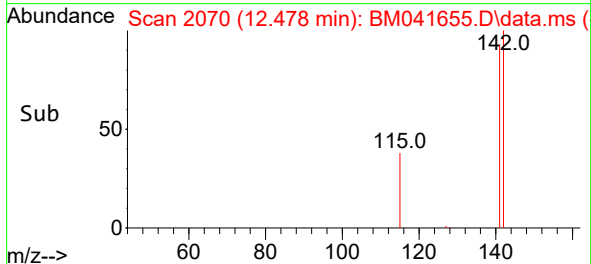
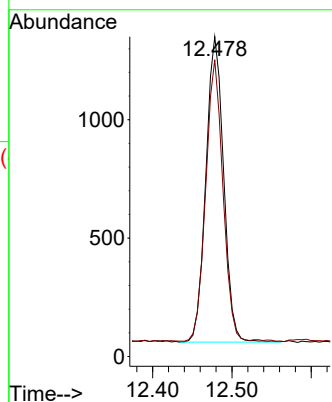
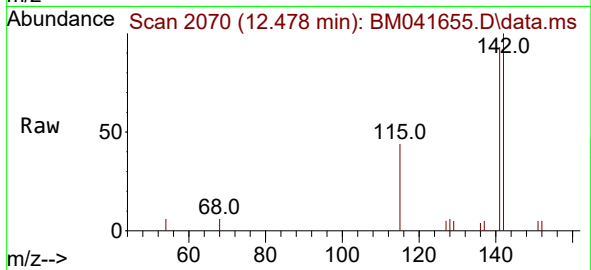




#7
2-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 12.478 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BM041655.D
Acq: 05 Sep 2023 16:26

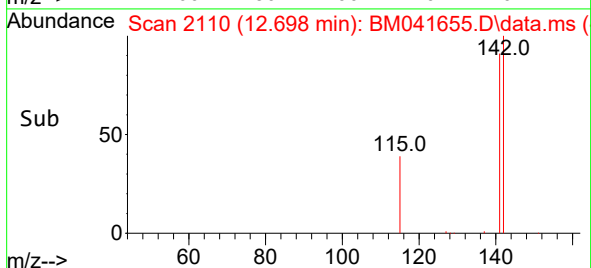
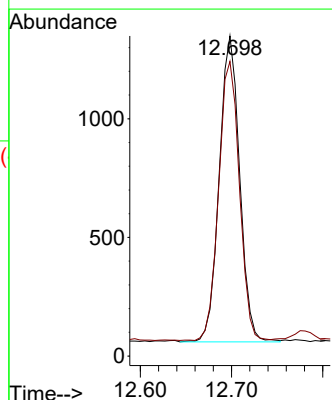
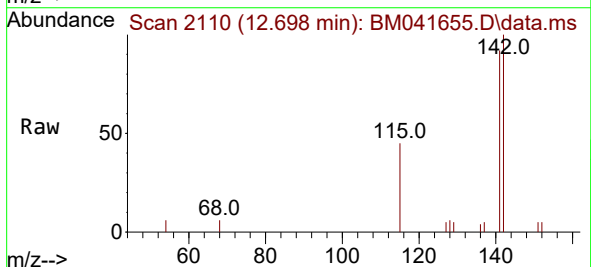
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

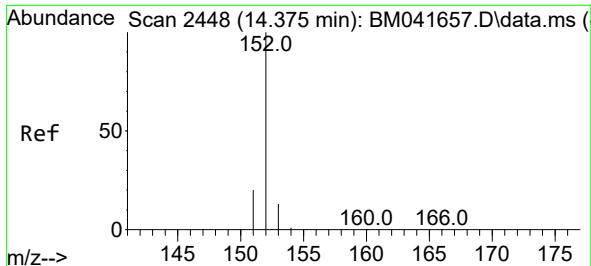
Tgt Ion:142 Resp: 2006
Ion Ratio Lower Upper
142 100
141 89.1 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.101 ng/ul
RT: 12.698 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BM041655.D
Acq: 05 Sep 2023 16:26

Tgt Ion:142 Resp: 2006
Ion Ratio Lower Upper
142 100
141 92.2 74.4 111.6

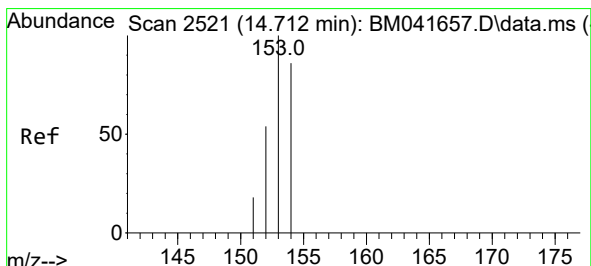
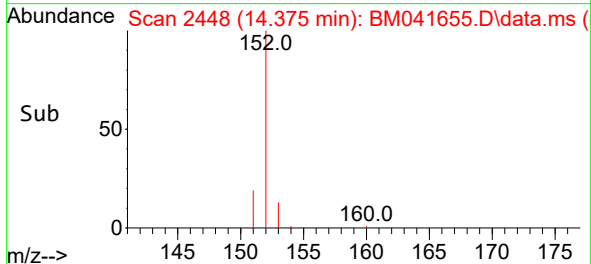
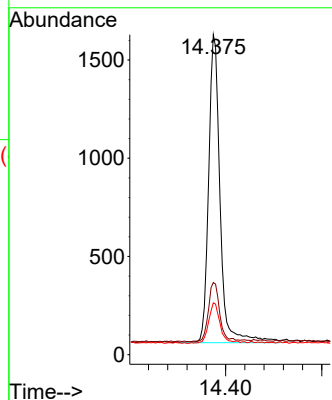
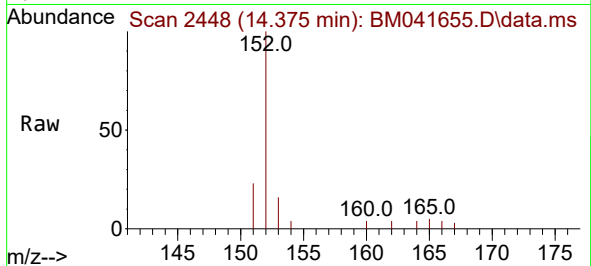




#10
Acenaphthylene
Concen: 0.091 ng/ul
RT: 14.375 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BM041655.D
Acq: 05 Sep 2023 16:26

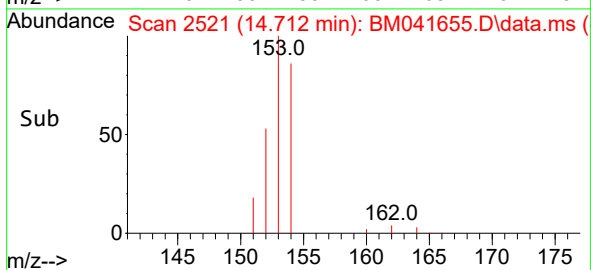
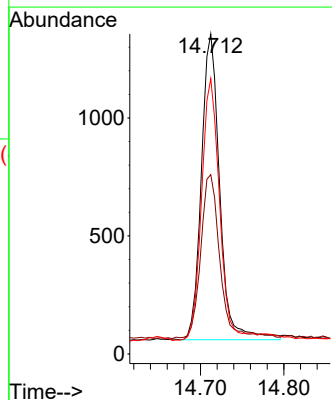
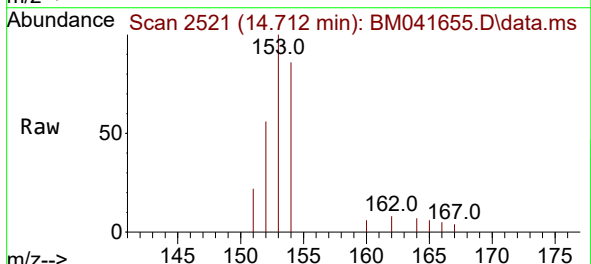
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

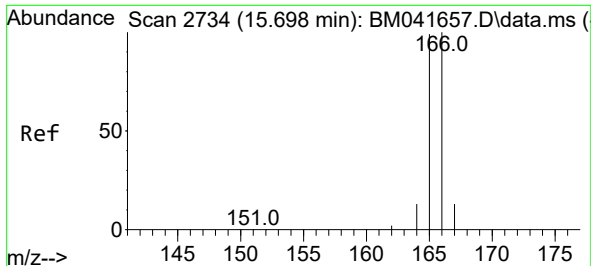
Tgt Ion:	152	Resp:	2589
Ion Ratio	Lower	Upper	
152	100		
151	22.5	16.4	24.6
153	16.2	11.1	16.7



#11
Acenaphthene
Concen: 0.101 ng/ul
RT: 14.712 min Scan# 2521
Delta R.T. -0.000 min
Lab File: BM041655.D
Acq: 05 Sep 2023 16:26

Tgt Ion:	153	Resp:	1989
Ion Ratio	Lower	Upper	
153	100		
152	56.0	43.4	65.2
154	86.1	69.4	104.0

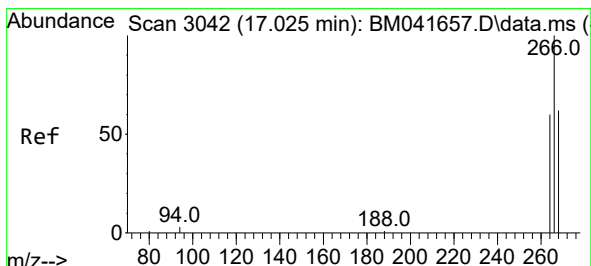
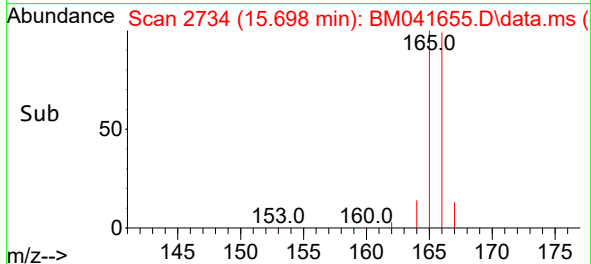
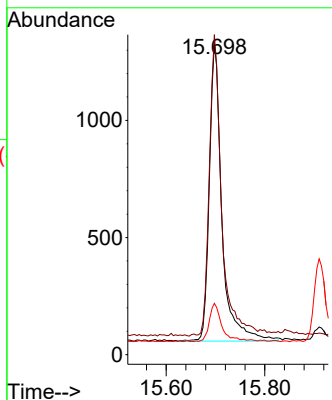
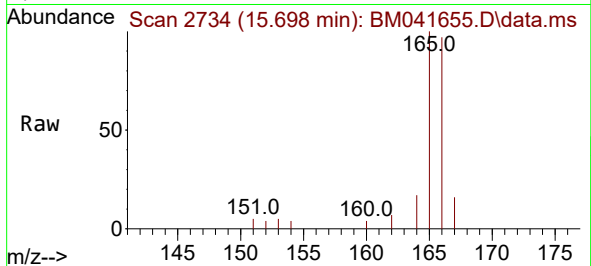




#12
Fluorene
Concen: 0.105 ng/ul
RT: 15.698 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041655.D
Acq: 05 Sep 2023 16:26

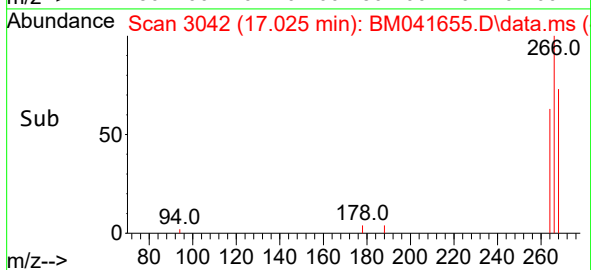
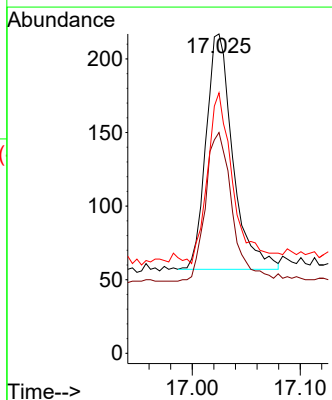
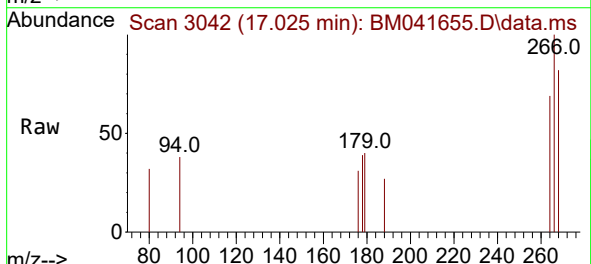
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

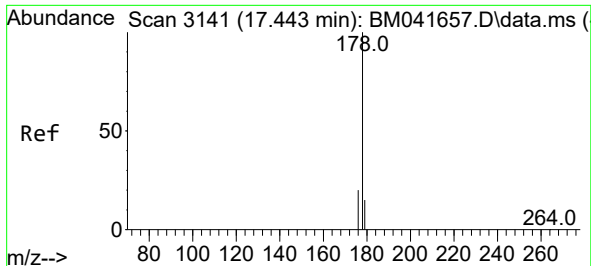
Tgt Ion:166 Resp: 2257
Ion Ratio Lower Upper
166 100
165 102.9 79.4 119.2
167 16.5 11.3 16.9



#14
Pentachlorophenol
Concen: 0.089 ng/ul
RT: 17.025 min Scan# 3042
Delta R.T. 0.000 min
Lab File: BM041655.D
Acq: 05 Sep 2023 16:26

Tgt Ion:266 Resp: 277
Ion Ratio Lower Upper
266 100
264 62.8 50.0 75.0
268 66.8 50.8 76.2

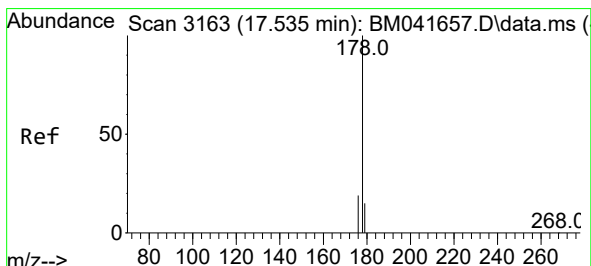
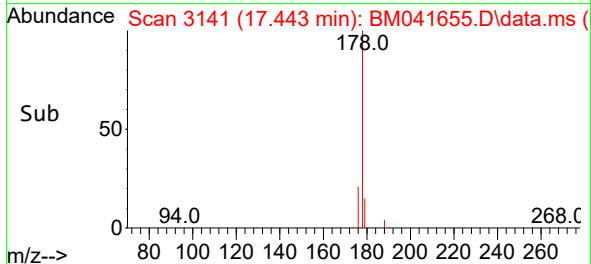
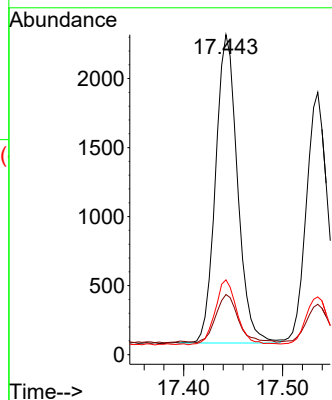
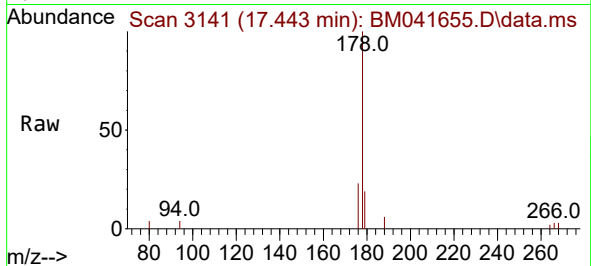




#15
Phenanthrene
Concen: 0.098 ng/ul
RT: 17.443 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BM041655.D
Acq: 05 Sep 2023 16:26

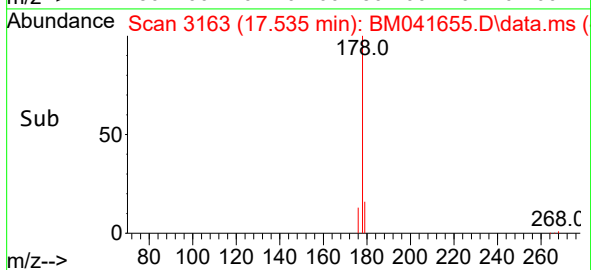
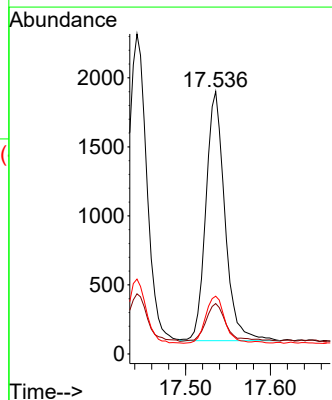
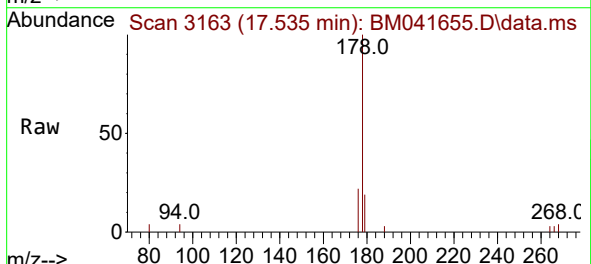
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

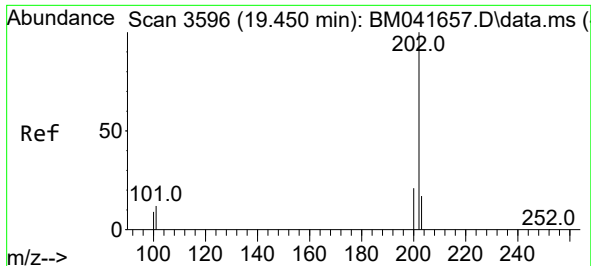
Tgt Ion:178 Resp: 3434
Ion Ratio Lower Upper
178 100
179 18.8 12.9 19.3
176 23.4 16.9 25.3



#16
Anthracene
Concen: 0.092 ng/ul
RT: 17.535 min Scan# 3163
Delta R.T. 0.000 min
Lab File: BM041655.D
Acq: 05 Sep 2023 16:26

Tgt Ion:178 Resp: 2808
Ion Ratio Lower Upper
178 100
179 19.2 12.9 19.3
176 22.0 15.8 23.8

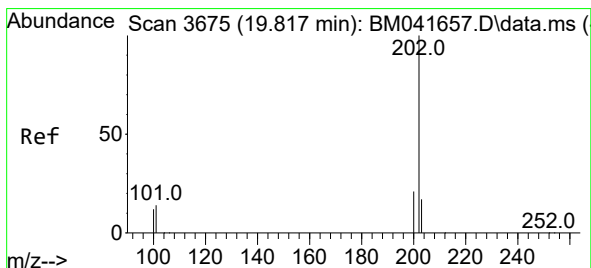
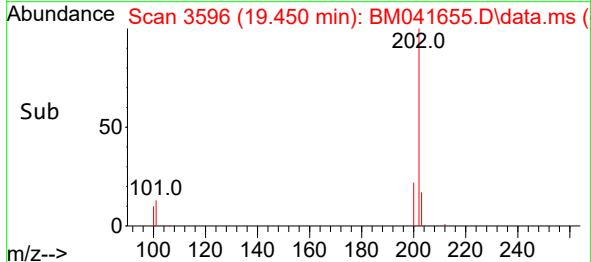
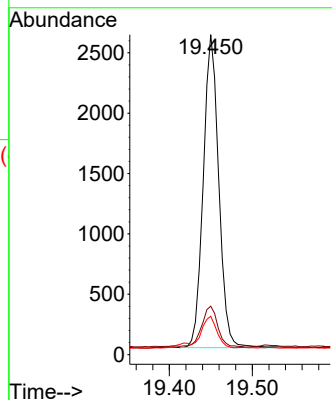
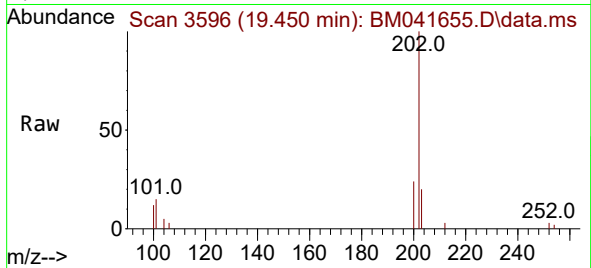




#19
Fluoranthene
Concen: 0.090 ng/ul
RT: 19.450 min Scan# 3596
Delta R.T. 0.000 min
Lab File: BM041655.D
Acq: 05 Sep 2023 16:26

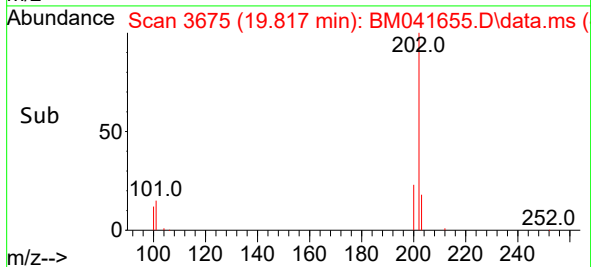
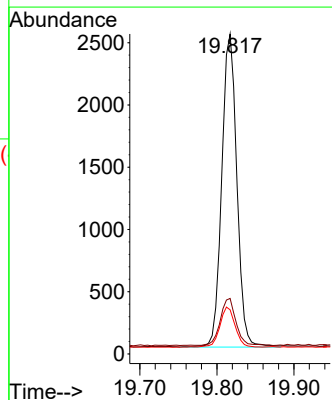
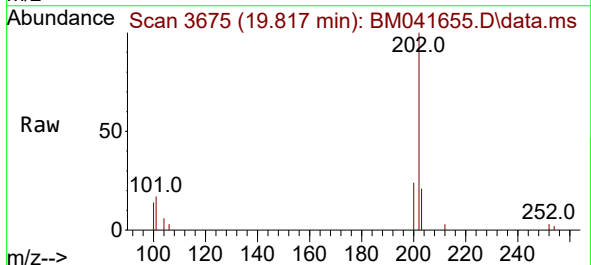
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

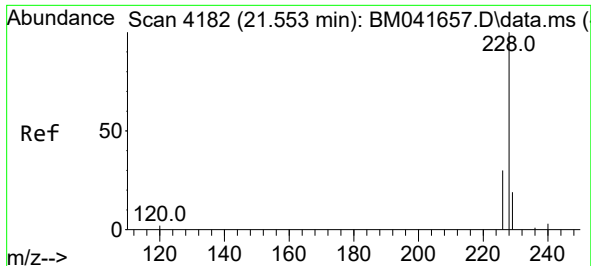
Tgt Ion:202 Resp: 3370
Ion Ratio Lower Upper
202 100
101 15.1 10.5 15.7
100 12.0 8.4 12.6



#20
Pyrene
Concen: 0.091 ng/ul
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM041655.D
Acq: 05 Sep 2023 16:26

Tgt Ion:202 Resp: 3419
Ion Ratio Lower Upper
202 100
101 17.4 11.8 17.8
100 13.8 9.8 14.6

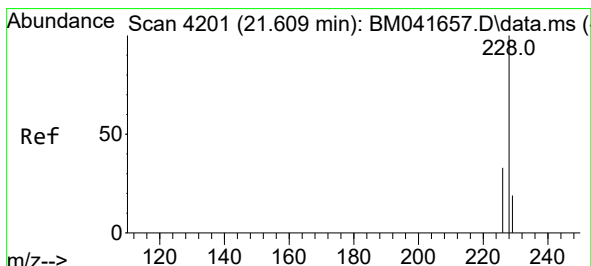
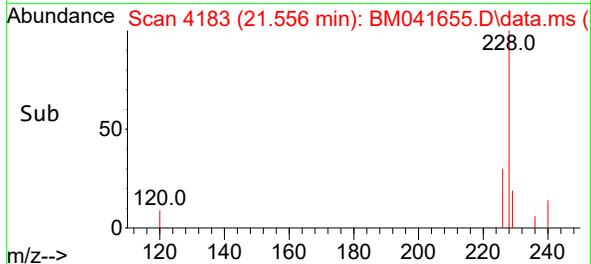
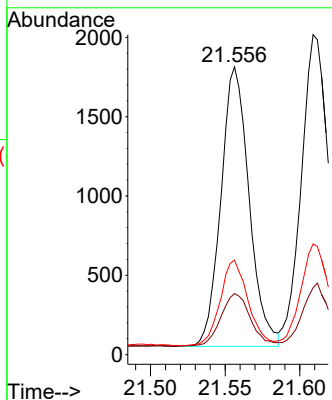
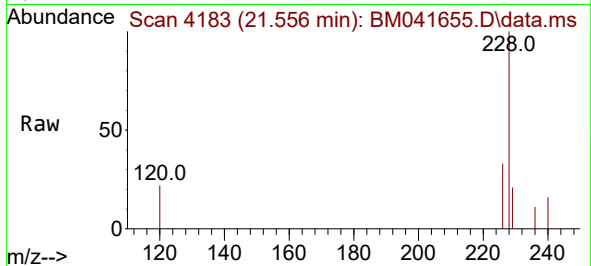




#21
Benzo(a)anthracene
Concen: 0.091 ng/u1
RT: 21.556 min Scan# 4183
Delta R.T. 0.003 min
Lab File: BM041655.D
Acq: 05 Sep 2023 16:26

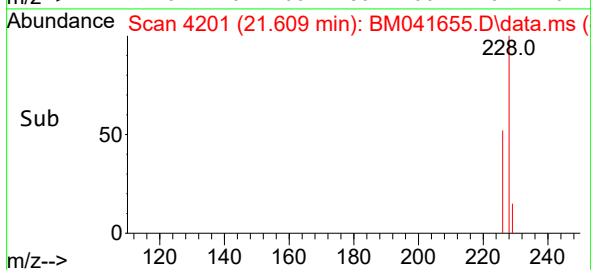
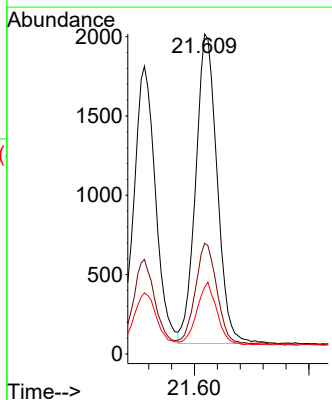
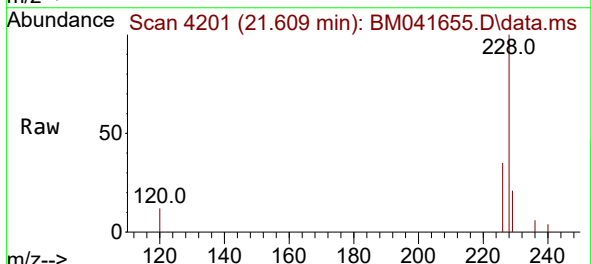
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

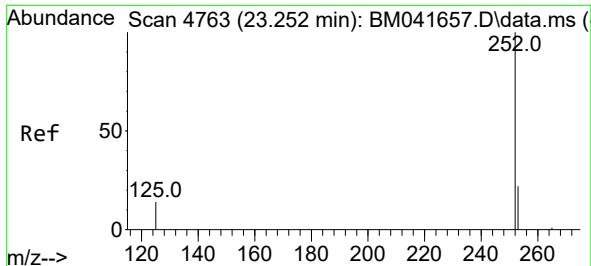
Tgt Ion:228	Resp:	2315
Ion Ratio	Lower	Upper
228	100	
229	21.2	15.8 23.6
226	32.9	24.8 37.2



#22
Chrysene
Concen: 0.093 ng/u1
RT: 21.609 min Scan# 4201
Delta R.T. 0.000 min
Lab File: BM041655.D
Acq: 05 Sep 2023 16:26

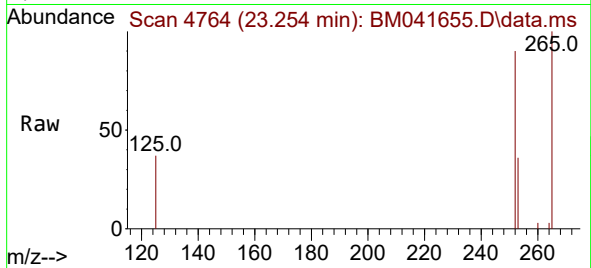
Tgt Ion:228	Resp:	2545
Ion Ratio	Lower	Upper
228	100	
226	34.6	27.0 40.6
229	20.9	15.4 23.2



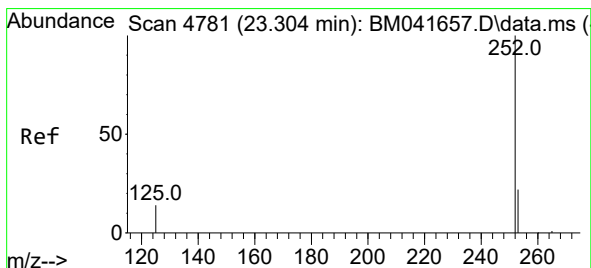
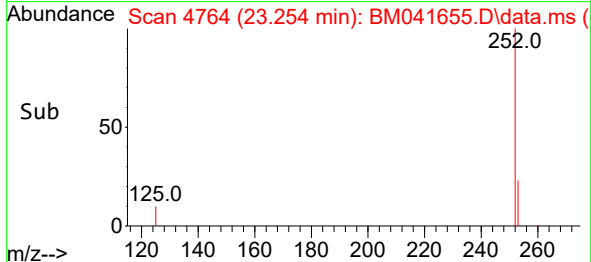
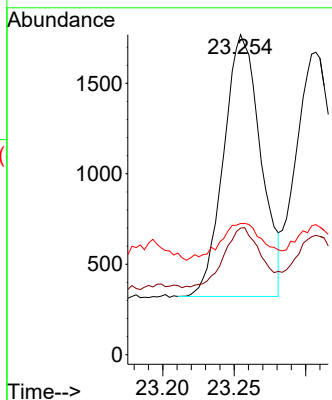


#24
Benzo(b)fluoranthene
Concen: 0.094 ng/ul
RT: 23.254 min Scan# 4764
Delta R.T. 0.003 min
Lab File: BM041655.D
Acq: 05 Sep 2023 16:26

Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

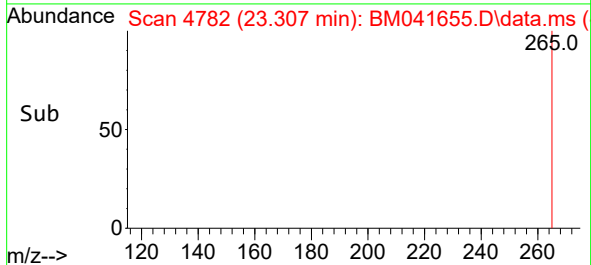
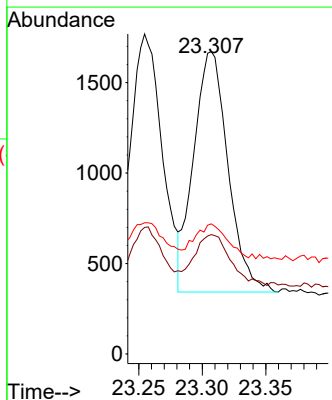
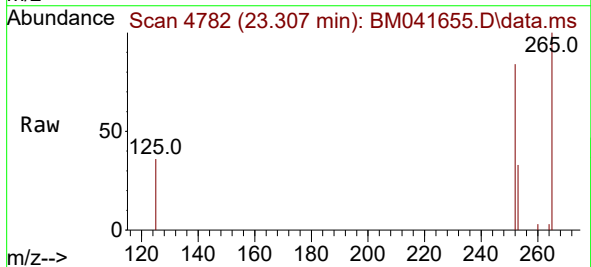


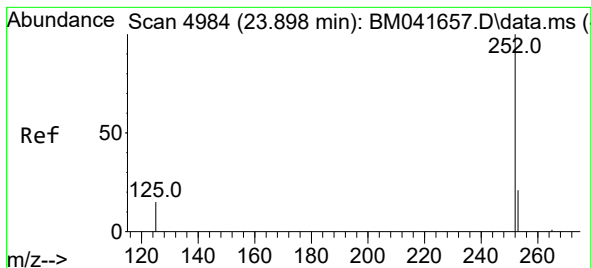
Tgt Ion:252 Resp: 2617
Ion Ratio Lower Upper
252 100
253 39.6 0.0 52.4
125 41.0 0.0 42.8



#25
Benzo(k)fluoranthene
Concen: 0.095 ng/ul
RT: 23.307 min Scan# 4782
Delta R.T. 0.003 min
Lab File: BM041655.D
Acq: 05 Sep 2023 16:26

Tgt Ion:252 Resp: 2512
Ion Ratio Lower Upper
252 100
253 39.5 21.3 31.9#
125 43.0 17.4 26.0#





#26

Benzo(a)pyrene

Concen: 0.087 ng/ul

RT: 23.898 min Scan# 4984

Delta R.T. -0.000 min

Lab File: BM041655.D

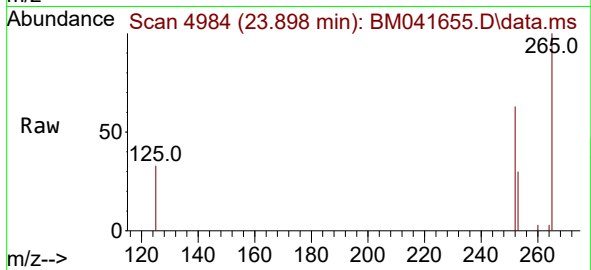
Acq: 05 Sep 2023 16:26

Instrument :

BNA_M

ClientSampleId :

SSTD0.1015



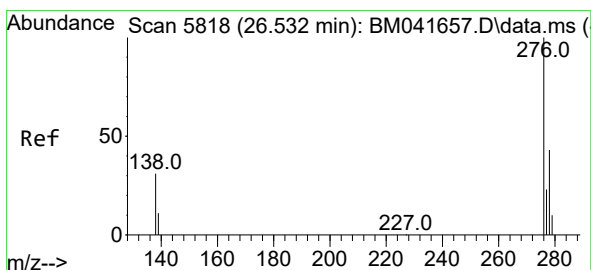
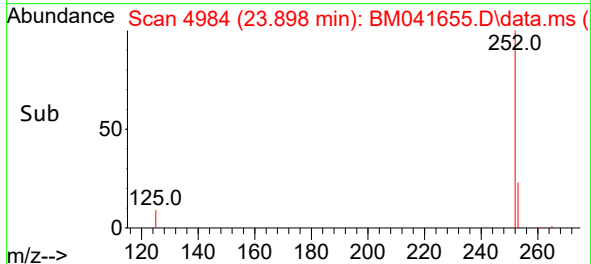
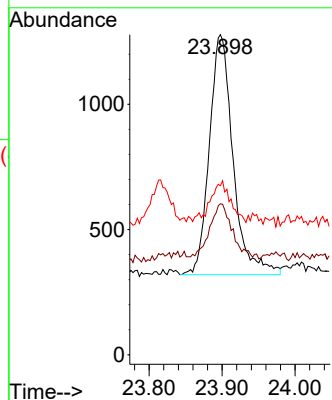
Tgt Ion:252 Resp: 2165

Ion Ratio Lower Upper

252 100

253 47.2 22.4 33.6#

125 52.8 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.087 ng/ul

RT: 26.535 min Scan# 5819

Delta R.T. 0.003 min

Lab File: BM041655.D

Acq: 05 Sep 2023 16:26

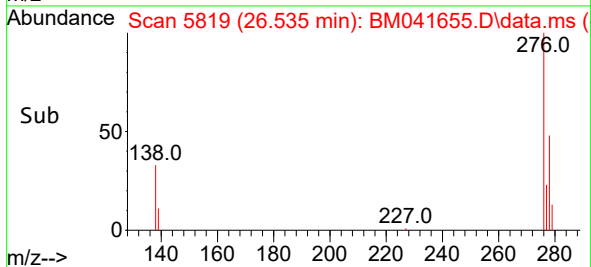
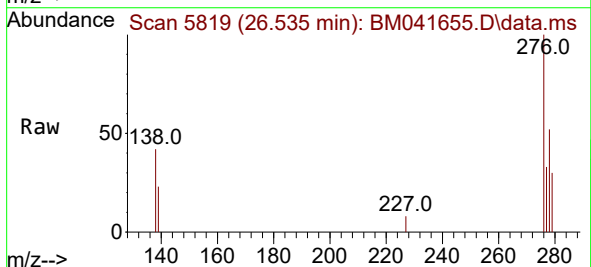
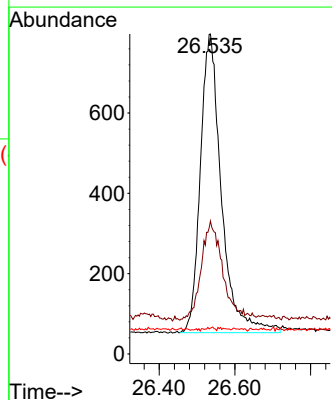
Tgt Ion:276 Resp: 2872

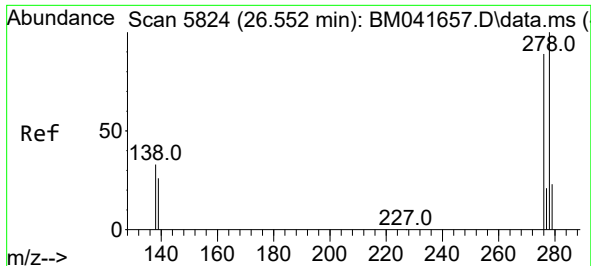
Ion Ratio Lower Upper

276 100

138 35.3 26.4 39.6

227 0.2 0.1 0.1#

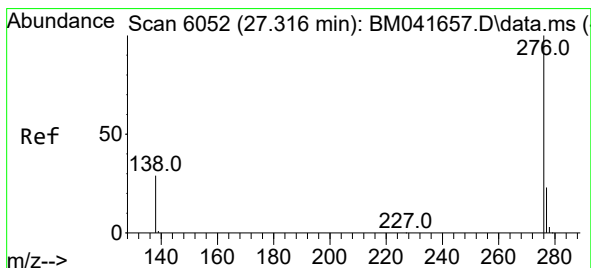
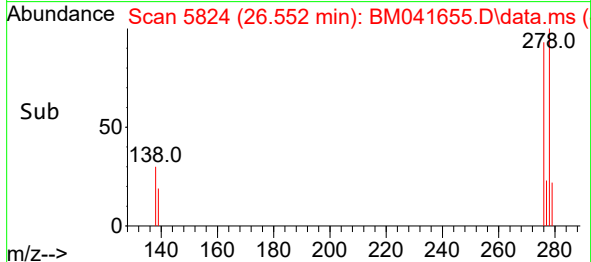
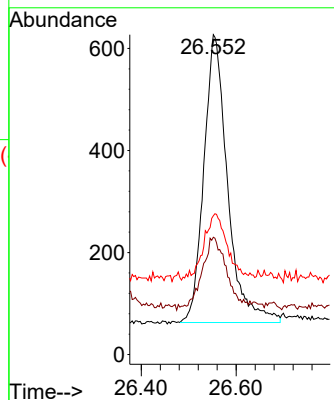
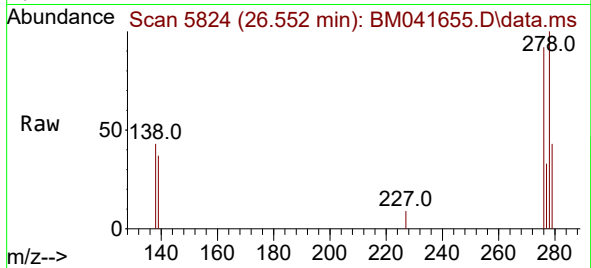




#28
Dibenzo(a,h)anthracene
Concen: 0.088 ng/ul
RT: 26.552 min Scan# 5824
Delta R.T. 0.000 min
Lab File: BM041655.D
Acq: 05 Sep 2023 16:26

Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

Tgt Ion:278 Resp: 1957
Ion Ratio Lower Upper
278 100
139 36.7 23.0 34.6#
279 43.4 22.9 34.3#



#29
Benzo(g,h,i)perylene
Concen: 0.093 ng/ul
RT: 27.320 min Scan# 6053
Delta R.T. 0.003 min
Lab File: BM041655.D
Acq: 05 Sep 2023 16:26

Tgt Ion:276 Resp: 2585
Ion Ratio Lower Upper
276 100
138 35.0 25.0 37.4
277 34.3 20.2 30.2#

