

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040612.D
 Acq On : 04 Jul 2023 14:41
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 05 01:19:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 13:40:38 2023
 Response via : Initial Calibration

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

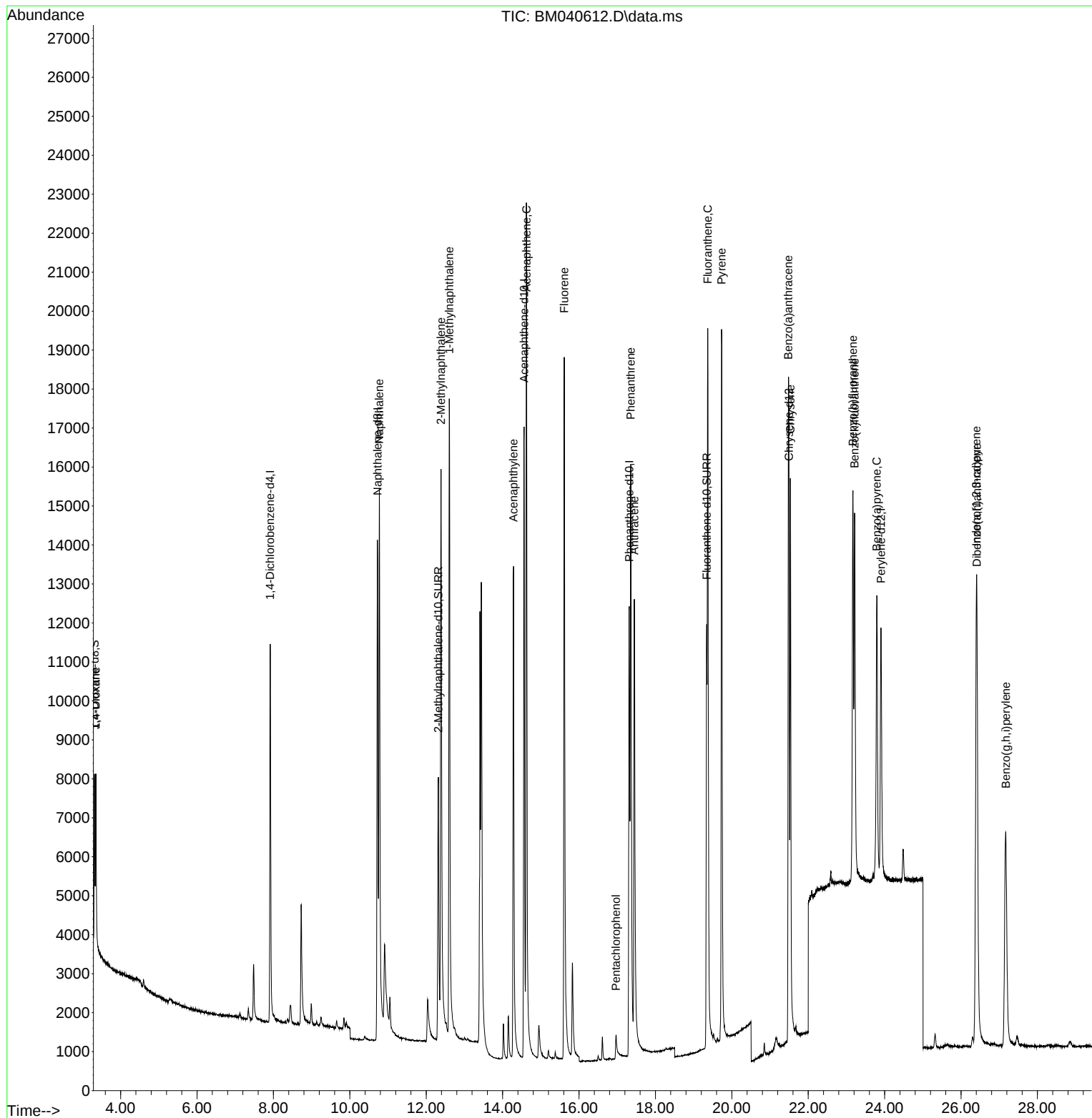
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	5581	0.400	ng/ul	0.00
4) Naphthalene-d8	10.722	136	22107	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.562	164	10536	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.314	188	18609	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	10919	0.400	ng/ul	0.00
23) Perylene-d12	23.903	264	10865	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	2740	0.313	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	12300	0.397	ng/ul	0.00
18) Fluoranthene-d10	19.341	212	15393	0.440	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.350	88	2865	0.321	ng/ul#	79
5) Naphthalene	10.771	128	23094	0.379	ng/ul	99
7) 2-Methylnaphthalene	12.388	142	13877	0.388	ng/ul	98
8) 1-Methylnaphthalene	12.602	142	13492	0.377	ng/ul	99
10) Acenaphthylene	14.284	152	18885	0.401	ng/ul	99
11) Acenaphthene	14.622	153	14772	0.372	ng/ul	98
12) Fluorene	15.612	166	15473	0.365	ng/ul	99
14) Pentachlorophenol	16.968	266	893	0.249	ng/ul	94
15) Phenanthrene	17.356	178	20930	0.362	ng/ul	99
16) Anthracene	17.445	178	18434	0.379	ng/ul	99
19) Fluoranthene	19.369	202	19471	0.420	ng/ul	100
20) Pyrene	19.731	202	20077	0.404	ng/ul	99
21) Benzo(a)anthracene	21.480	228	14993	0.406	ng/ul	99
22) Chrysene	21.533	228	15343	0.364	ng/ul	98
24) Benzo(b)fluoranthene	23.169	252	14997	0.357	ng/ul	94
25) Benzo(k)fluoranthene	23.213	252	14891	0.359	ng/ul	92
26) Benzo(a)pyrene	23.795	252	13455	0.355	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.401	276	17923	0.340	ng/ul	94
28) Dibenzo(a,h)anthracene	26.417	278	14193	0.344	ng/ul	98
29) Benzo(g,h,i)perylene	27.172	276	15328	0.332	ng/ul	99

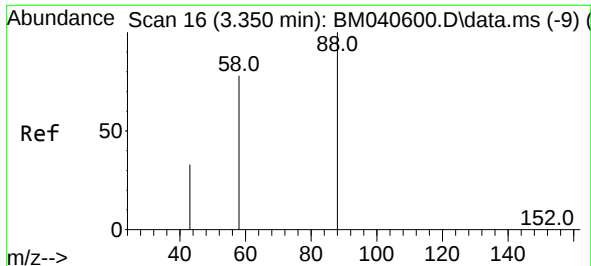
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
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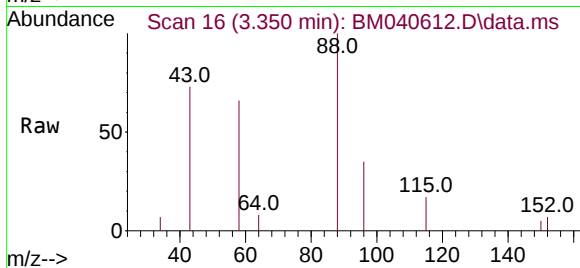
Quant Time: Jul 05 01:19:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
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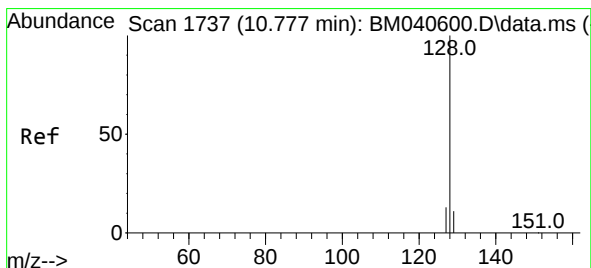
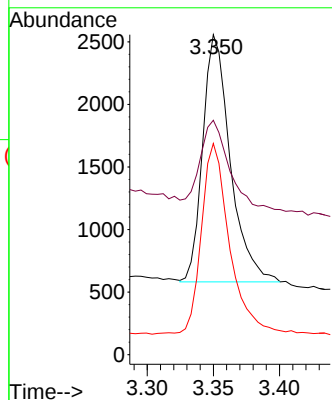
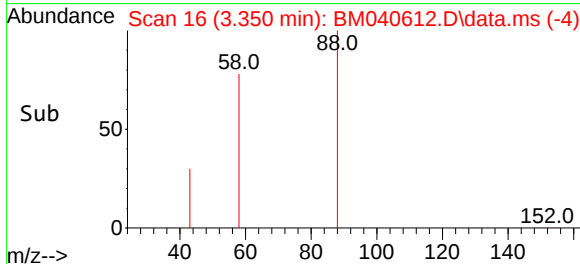


#2
1,4-Dioxane
Concen: 0.321 ng/ul
RT: 3.350 min Scan# 1
Delta R.T. -0.009 min
Lab File: BM040612.D
Acq: 04 Jul 2023 14:41

Instrument :
BNA_M
ClientSampleId :

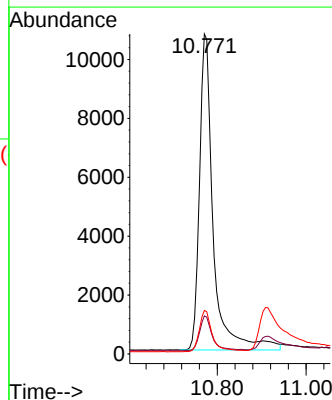
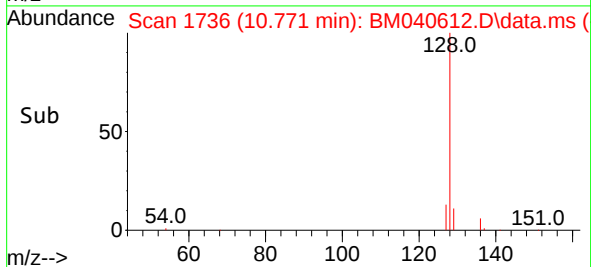
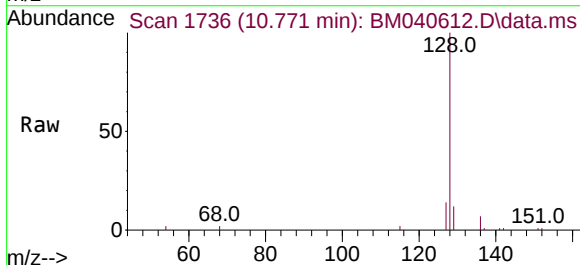


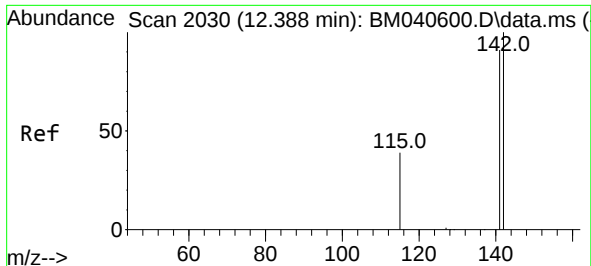
Tgt Ion: 88 Resp: 2865
Ion Ratio Lower Upper
88 100
43 73.2 36.1 54.1#
58 66.0 49.8 74.8



#5
Naphthalene
Concen: 0.379 ng/ul
RT: 10.771 min Scan# 1736
Delta R.T. -0.013 min
Lab File: BM040612.D
Acq: 04 Jul 2023 14:41

Tgt Ion:128 Resp: 23094
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.6 10.6 15.8

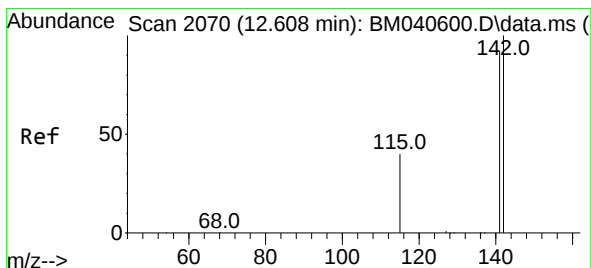
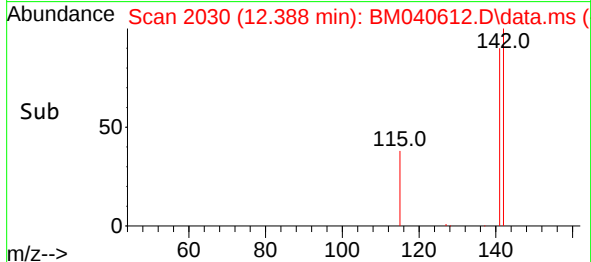
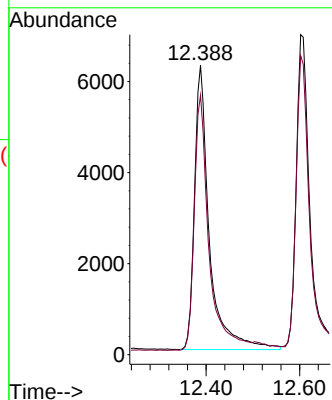
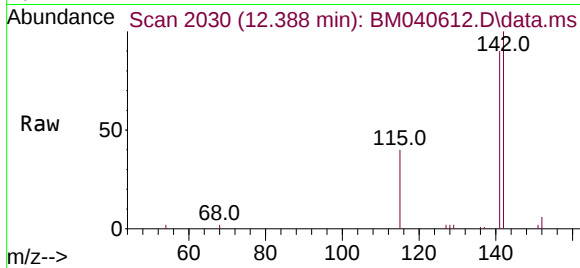




#7
2-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.388 min Scan# 2030
Delta R.T. -0.007 min
Lab File: BM040612.D
Acq: 04 Jul 2023 14:41

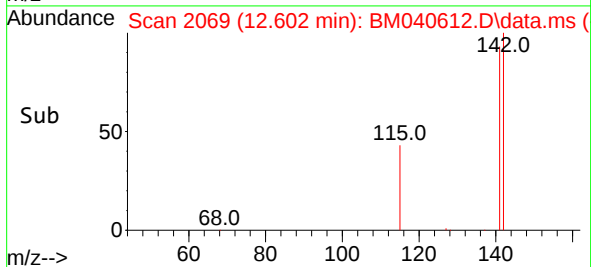
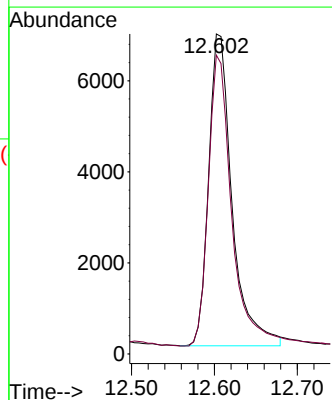
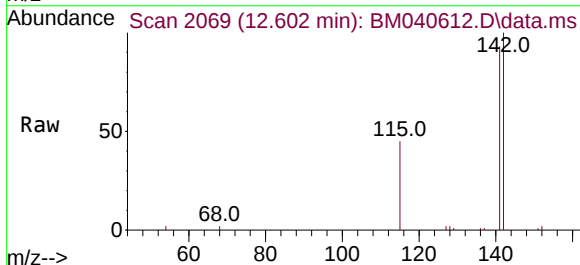
Instrument :
BNA_M
ClientSampleId :

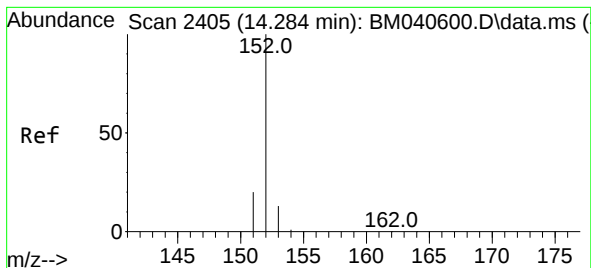
Tgt Ion:142 Resp: 13877
Ion Ratio Lower Upper
142 100
141 91.6 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 12.602 min Scan# 2069
Delta R.T. -0.013 min
Lab File: BM040612.D
Acq: 04 Jul 2023 14:41

Tgt Ion:142 Resp: 13492
Ion Ratio Lower Upper
142 100
141 92.7 73.7 110.5





#10

Acenaphthylene

Concen: 0.401 ng/ul

RT: 14.284 min Scan# 2405

Delta R.T. -0.006 min

Lab File: BM040612.D

Acq: 04 Jul 2023 14:41

Instrument :

BNA_M

ClientSampleId :

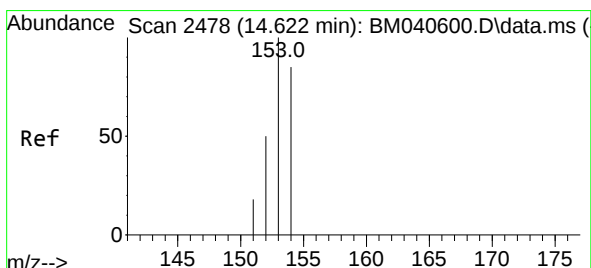
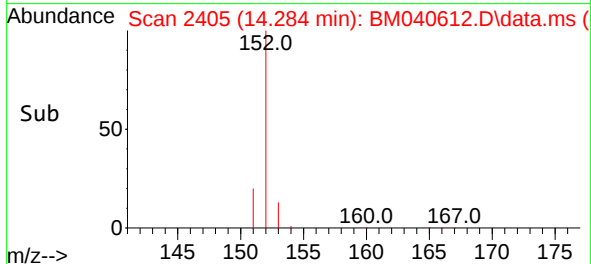
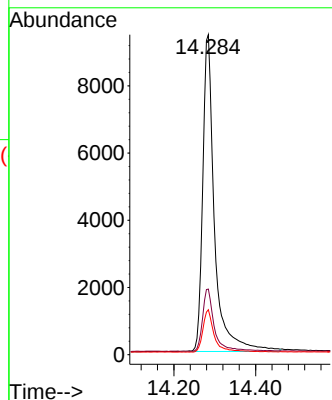
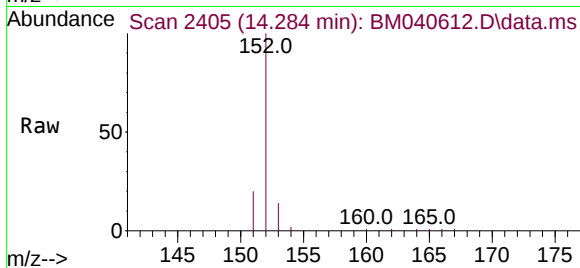
Tgt Ion:152 Resp: 18885

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

153 14.0 10.9 16.3



#11

Acenaphthene

Concen: 0.372 ng/ul

RT: 14.622 min Scan# 2478

Delta R.T. -0.011 min

Lab File: BM040612.D

Acq: 04 Jul 2023 14:41

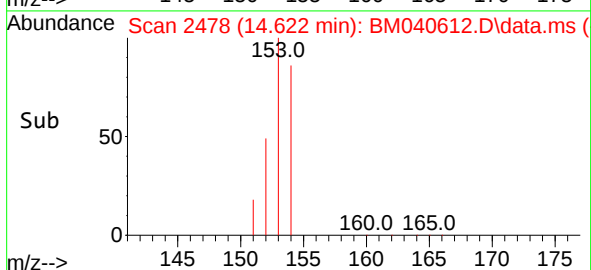
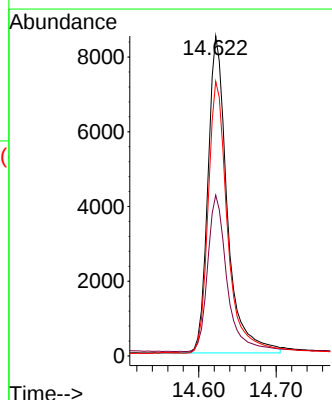
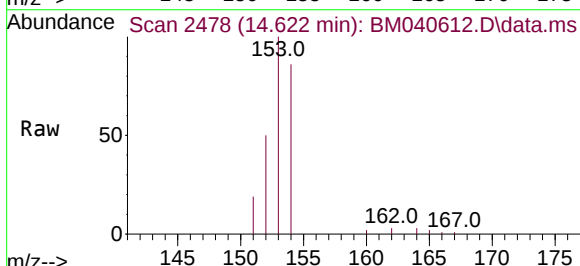
Tgt Ion:153 Resp: 14772

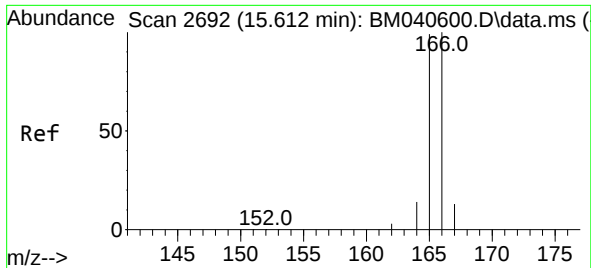
Ion Ratio Lower Upper

153 100

152 50.3 41.0 61.4

154 85.8 70.8 106.2

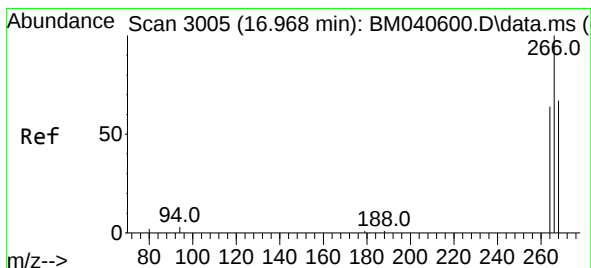
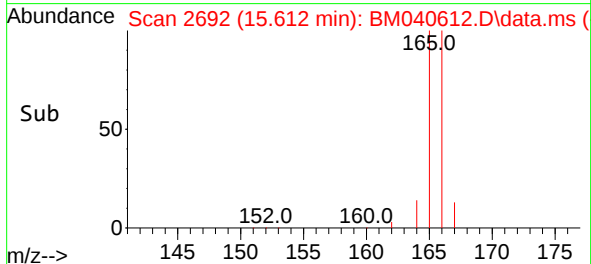
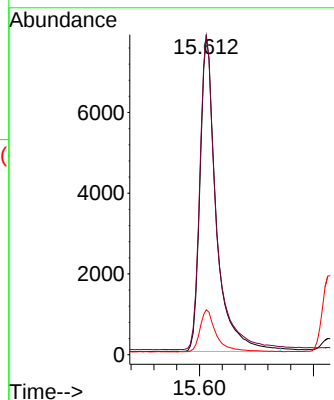
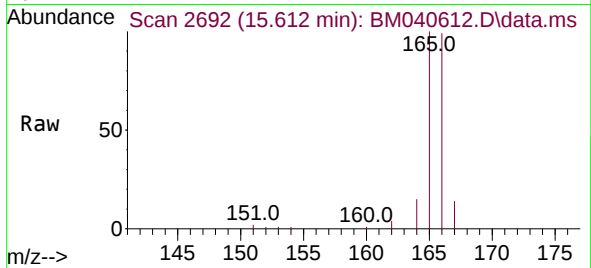




#12
 Fluorene
 Concen: 0.365 ng/ul
 RT: 15.612 min Scan# 2692
 Delta R.T. -0.006 min
 Lab File: BM040612.D
 Acq: 04 Jul 2023 14:41

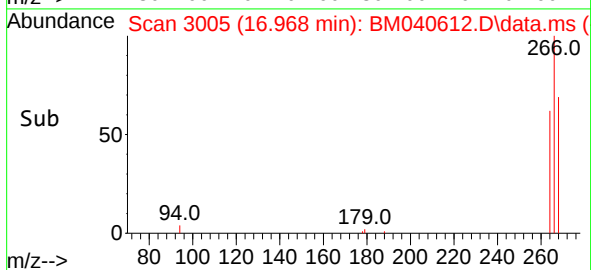
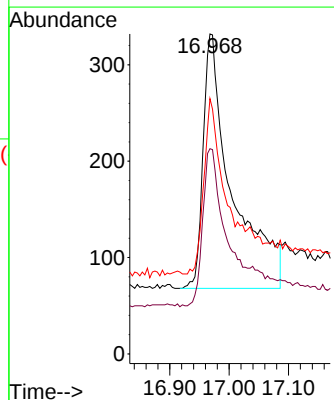
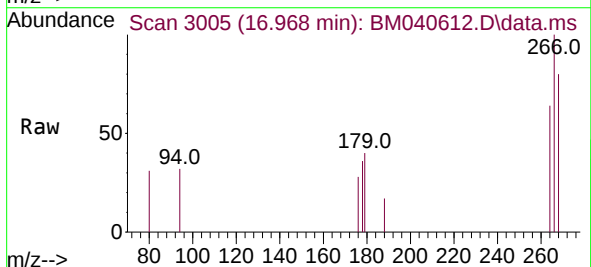
Instrument :
 BNA_M
 ClientSampleId :

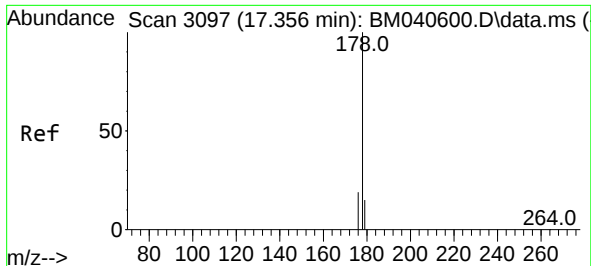
Tgt Ion:	166	Resp:	15473
Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.6	119.4
167	14.1	11.4	17.0



#14
 Pentachlorophenol
 Concen: 0.249 ng/ul
 RT: 16.968 min Scan# 3005
 Delta R.T. -0.010 min
 Lab File: BM040612.D
 Acq: 04 Jul 2023 14:41

Tgt Ion:	266	Resp:	893
Ion	Ratio	Lower	Upper
266	100		
264	60.7	45.4	68.0
268	63.7	47.2	70.8

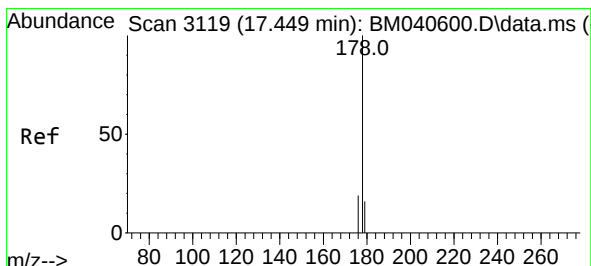
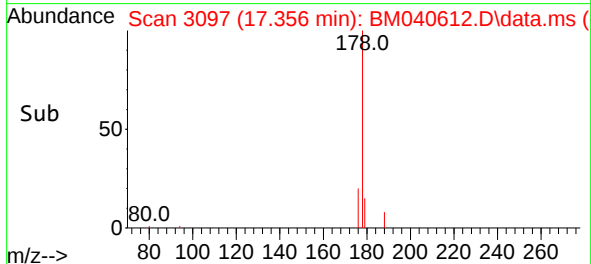
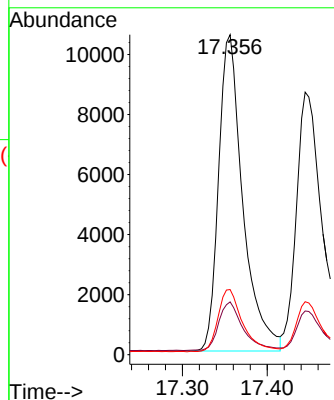
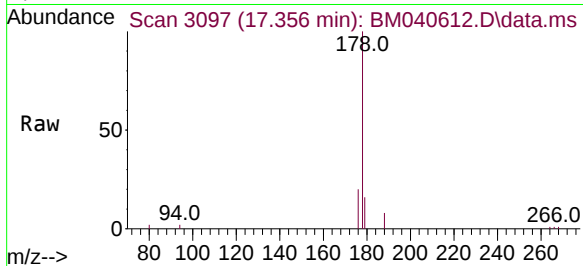




#15
Phenanthrene
Concen: 0.362 ng/ul
RT: 17.356 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BM040612.D
Acq: 04 Jul 2023 14:41

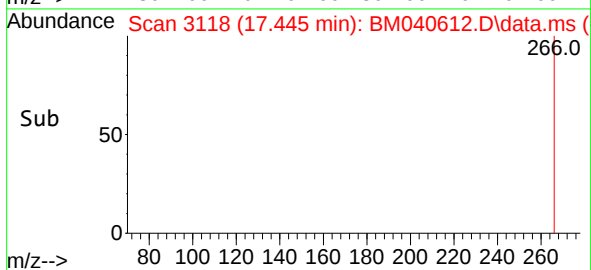
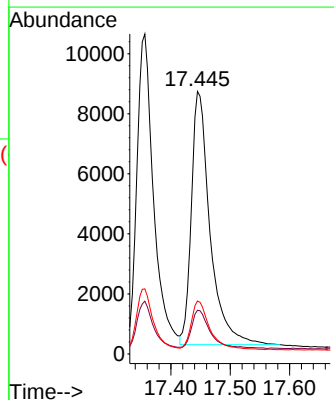
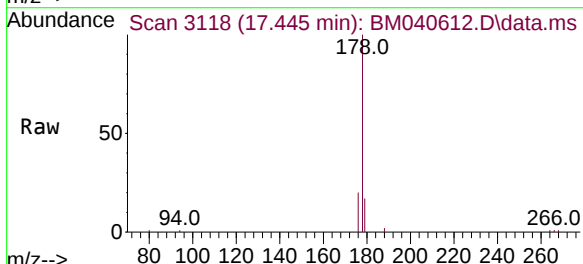
Instrument :
BNA_M
ClientSampleId :

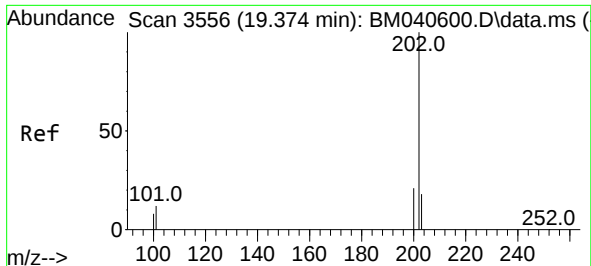
Tgt Ion:178 Resp: 20930
Ion Ratio Lower Upper
178 100
179 16.5 12.8 19.2
176 20.4 16.4 24.6



#16
Anthracene
Concen: 0.379 ng/ul
RT: 17.445 min Scan# 3118
Delta R.T. -0.010 min
Lab File: BM040612.D
Acq: 04 Jul 2023 14:41

Tgt Ion:178 Resp: 18434
Ion Ratio Lower Upper
178 100
179 16.6 12.9 19.3
176 20.2 15.8 23.6

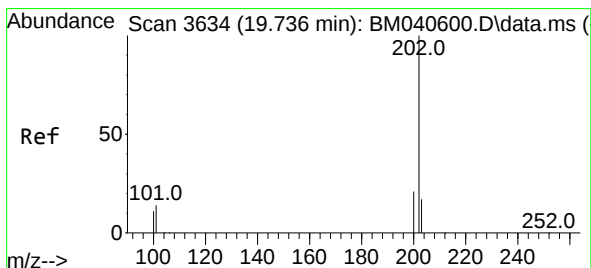
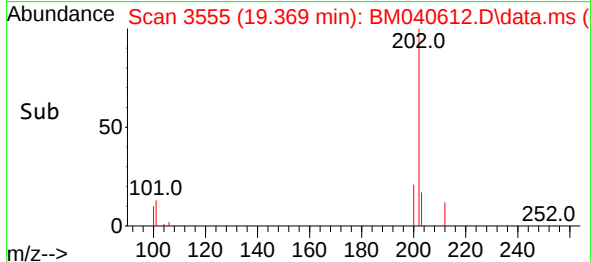
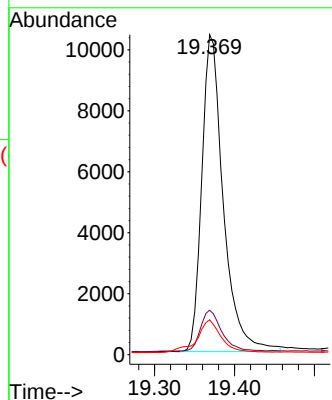
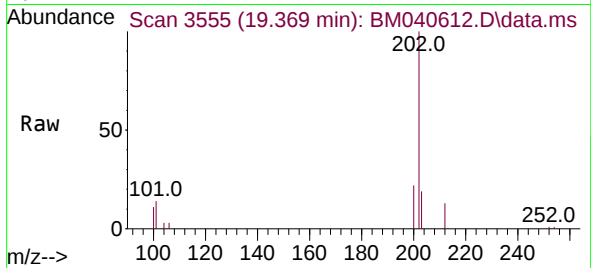




#19
Fluoranthene
Concen: 0.420 ng/ul
RT: 19.369 min Scan# 3555
Delta R.T. -0.011 min
Lab File: BM040612.D
Acq: 04 Jul 2023 14:41

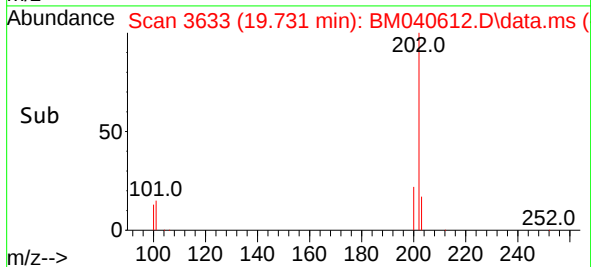
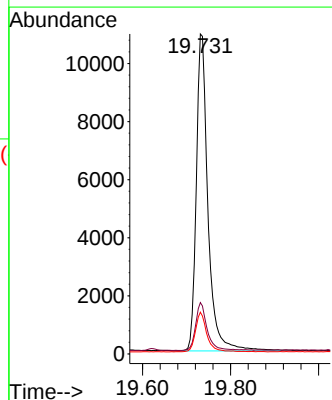
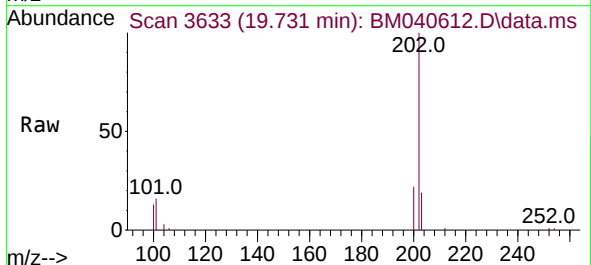
Instrument :
BNA_M
ClientSampleId :

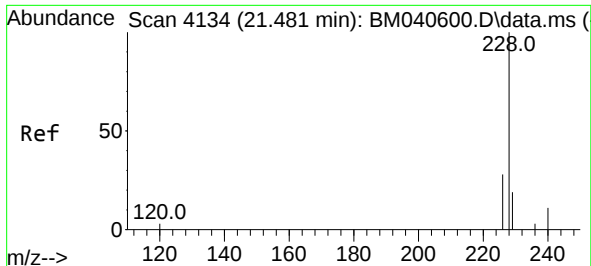
Tgt Ion:202 Resp: 19471
Ion Ratio Lower Upper
202 100
101 13.9 11.4 17.0
100 10.9 8.7 13.1



#20
Pyrene
Concen: 0.404 ng/ul
RT: 19.731 min Scan# 3633
Delta R.T. -0.011 min
Lab File: BM040612.D
Acq: 04 Jul 2023 14:41

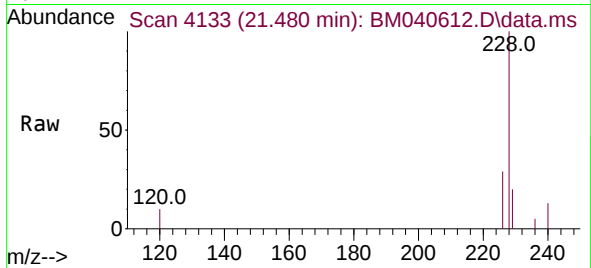
Tgt Ion:202 Resp: 20077
Ion Ratio Lower Upper
202 100
101 16.0 12.6 18.8
100 13.1 9.8 14.6



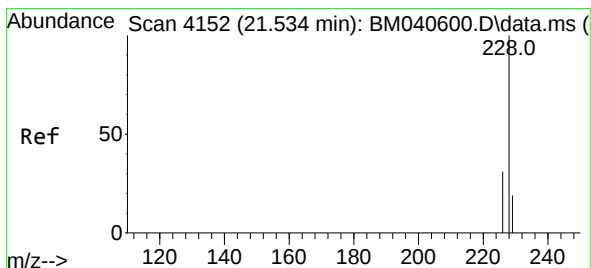
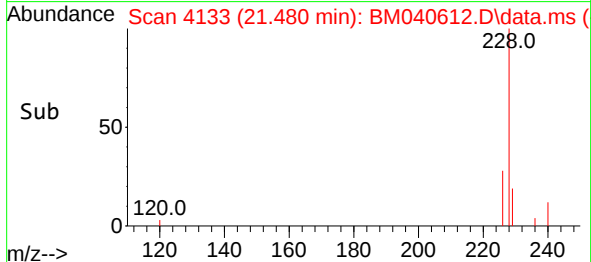
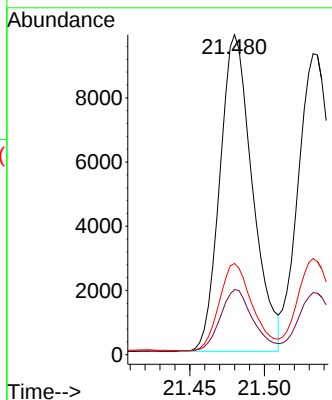


#21
Benzo(a)anthracene
Concen: 0.406 ng/ul
RT: 21.480 min Scan# 4134
Delta R.T. -0.009 min
Lab File: BM040612.D
Acq: 04 Jul 2023 14:41

Instrument :
BNA_M
ClientSampleId :

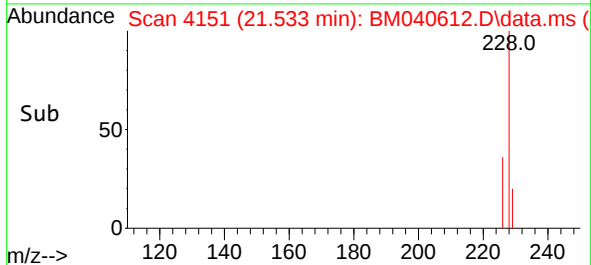
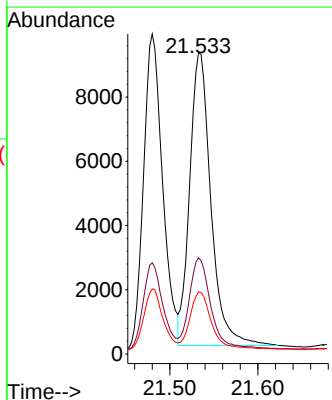
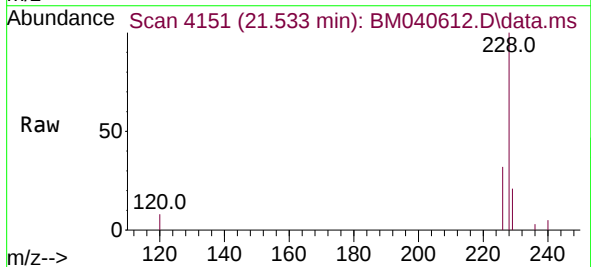


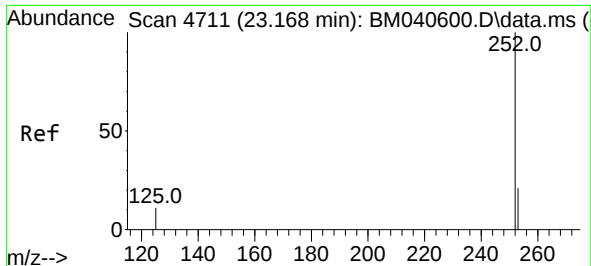
Tgt Ion:228 Resp: 14993
Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 28.5 22.3 33.5



#22
Chrysene
Concen: 0.364 ng/ul
RT: 21.533 min Scan# 4151
Delta R.T. -0.009 min
Lab File: BM040612.D
Acq: 04 Jul 2023 14:41

Tgt Ion:228 Resp: 15343
Ion Ratio Lower Upper
228 100
226 31.9 24.9 37.3
229 20.7 15.8 23.6

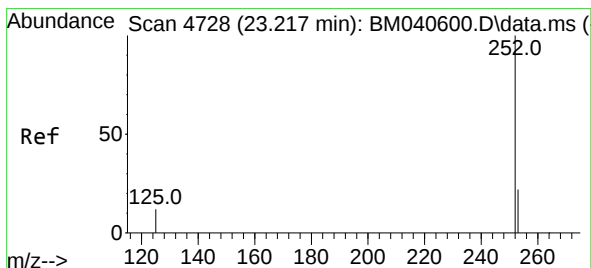
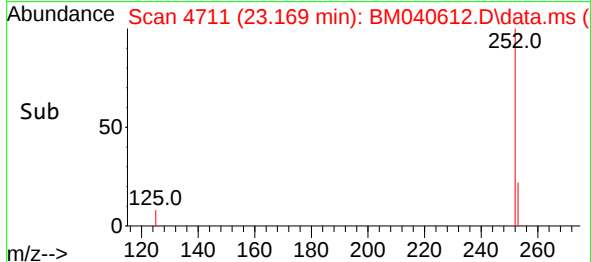
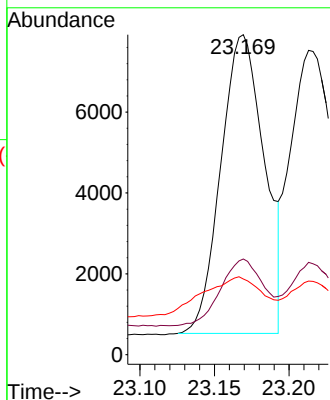
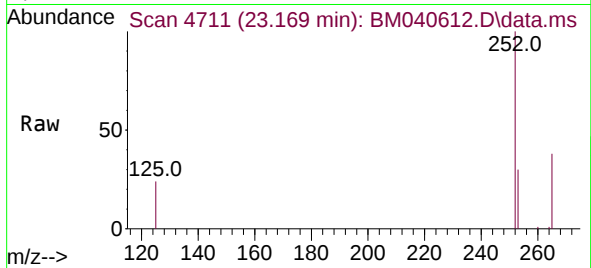




#24
Benzo(b)fluoranthene
Concen: 0.357 ng/ul
RT: 23.169 min Scan# 4711
Delta R.T. -0.012 min
Lab File: BM040612.D
Acq: 04 Jul 2023 14:41

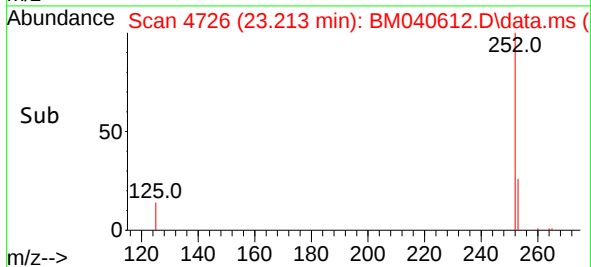
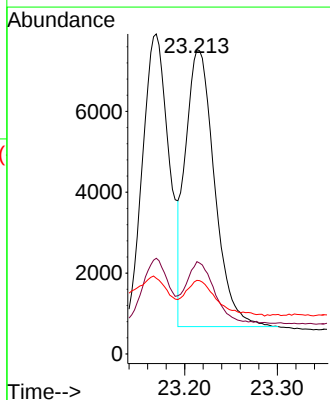
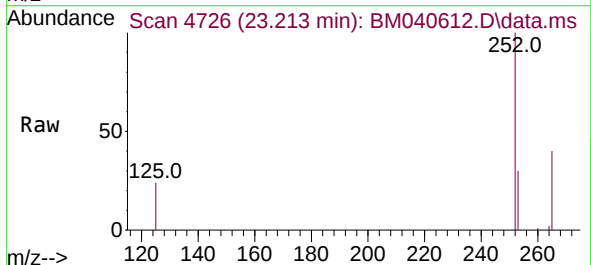
Instrument :
BNA_M
ClientSampleId :

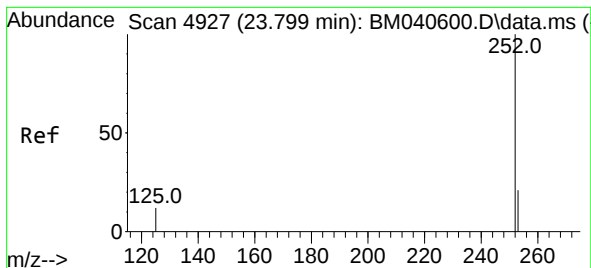
Tgt Ion:252 Resp: 14997
Ion Ratio Lower Upper
252 100
253 29.9 0.0 52.8
125 23.7 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.359 ng/ul
RT: 23.213 min Scan# 4726
Delta R.T. -0.011 min
Lab File: BM040612.D
Acq: 04 Jul 2023 14:41

Tgt Ion:252 Resp: 14891
Ion Ratio Lower Upper
252 100
253 30.3 21.2 31.8
125 24.2 16.4 24.6





#26

Benzo(a)pyrene

Concen: 0.355 ng/ul

RT: 23.795 min Scan# 4925

Delta R.T. -0.009 min

Lab File: BM040612.D

Acq: 04 Jul 2023 14:41

Instrument :

BNA_M

ClientSampleId :

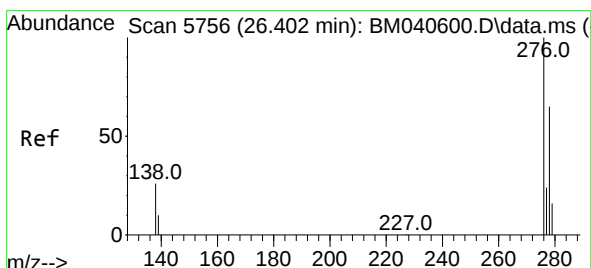
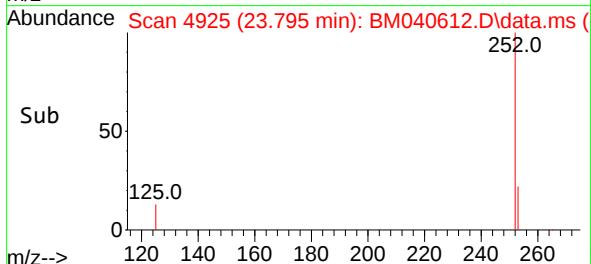
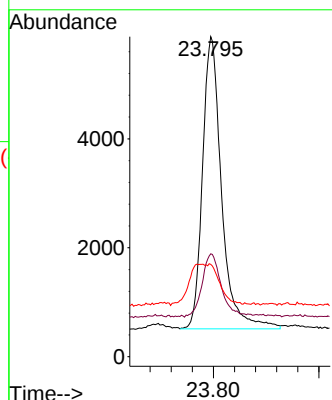
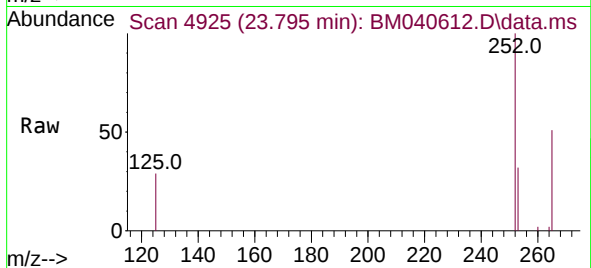
Tgt Ion:252 Resp: 13455

Ion Ratio Lower Upper

252 100

253 32.2 22.9 34.3

125 28.8 21.0 31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.340 ng/ul

RT: 26.401 min Scan# 5755

Delta R.T. -0.017 min

Lab File: BM040612.D

Acq: 04 Jul 2023 14:41

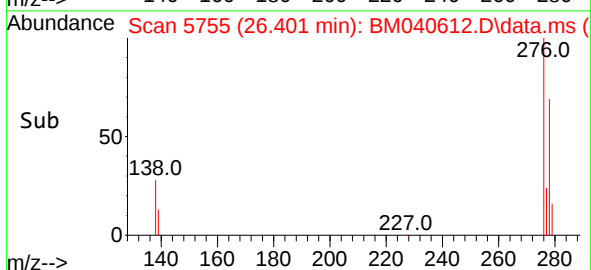
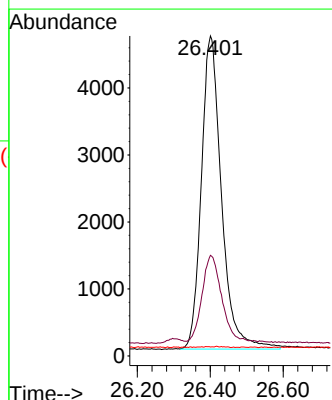
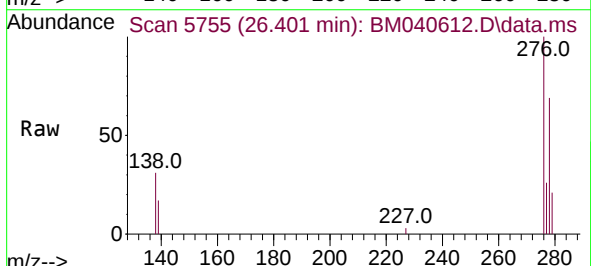
Tgt Ion:276 Resp: 17923

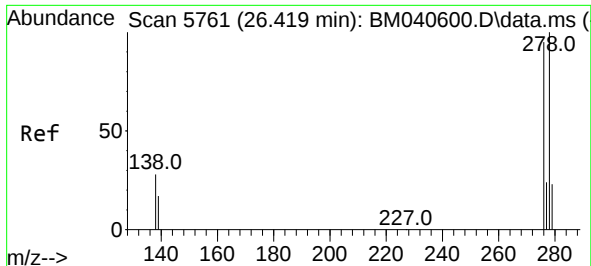
Ion Ratio Lower Upper

276 100

138 27.3 24.5 36.7

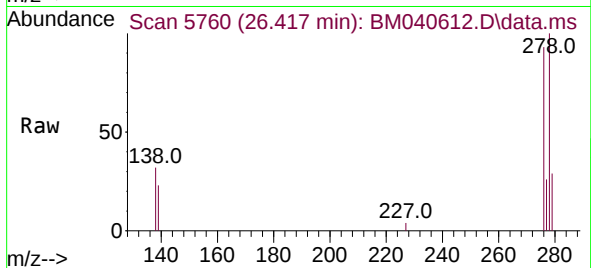
227 0.1 0.1 0.1



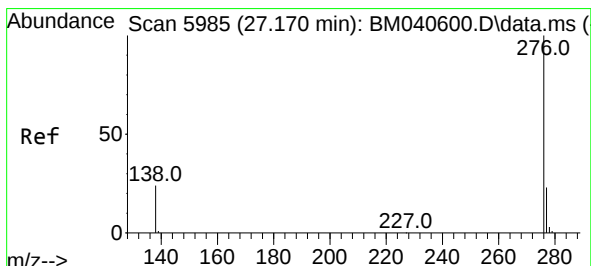
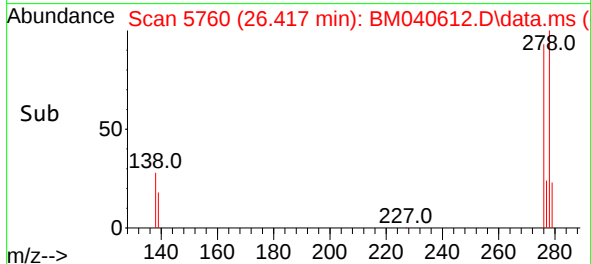
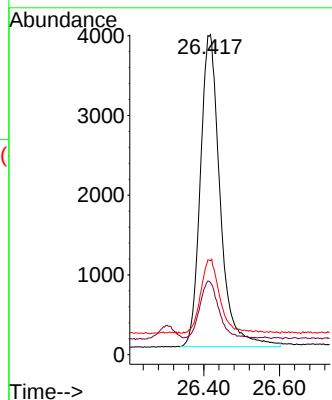


#28
 Dibenzo(a,h)anthracene
 Concen: 0.344 ng/ul
 RT: 26.417 min Scan# 5760
 Delta R.T. -0.013 min
 Lab File: BM040612.D
 Acq: 04 Jul 2023 14:41

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:278 Resp: 14193
 Ion Ratio Lower Upper
 278 100
 139 22.6 17.9 26.9
 279 29.4 22.0 33.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.332 ng/ul
 RT: 27.172 min Scan# 5985
 Delta R.T. -0.010 min
 Lab File: BM040612.D
 Acq: 04 Jul 2023 14:41

Tgt Ion:276 Resp: 15328
 Ion Ratio Lower Upper
 276 100
 138 28.7 23.0 34.6
 277 26.4 20.3 30.5

