

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071023\
 Data File : BM040802.D
 Acq On : 10 Jul 2023 16:18
 Operator : MA/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 11 03:57:17 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 : Tue Jul 11 03:54:24 2023
 Response via : Initial Calibration

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

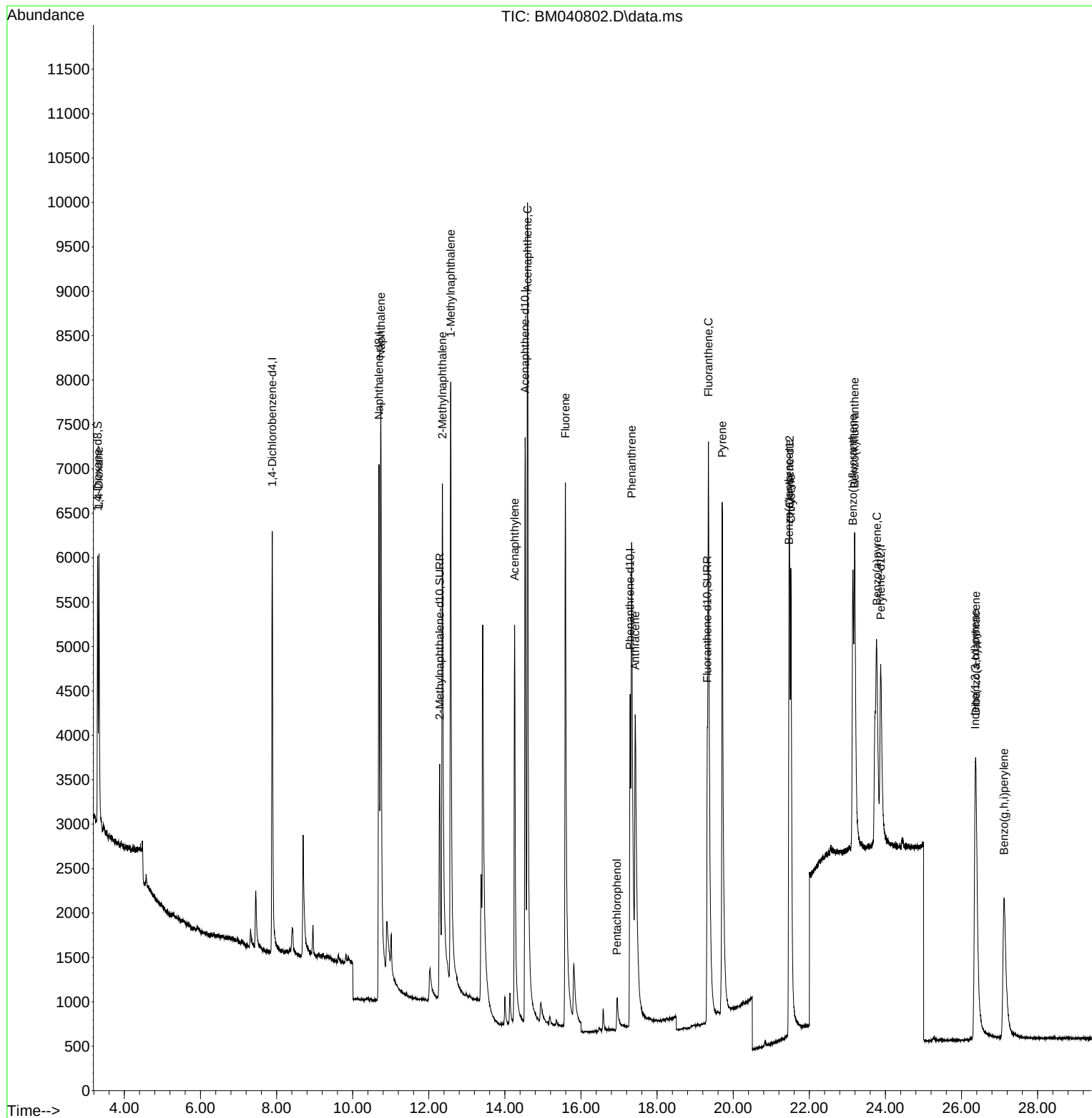
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	3134	0.400	ng/ul	0.00
4) Naphthalene-d8	10.691	136	11626	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.532	164	4946	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.291	188	7706	0.400	ng/ul #	0.00
17) Chrysene-d12	21.483	240	5043	0.400	ng/ul	0.00
23) Perylene-d12	23.877	264	4003	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	2328	0.473	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.286	152	6046	0.371	ng/ul	0.00
18) Fluoranthene-d10	19.320	212	6779	0.419	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	1963	0.392	ng/ul	95
5) Naphthalene	10.741	128	12106	0.378	ng/ul	99
7) 2-Methylnaphthalene	12.358	142	6861	0.364	ng/ul	98
8) 1-Methylnaphthalene	12.577	142	6423	0.341	ng/ul	97
10) Acenaphthylene	14.254	152	8194	0.371	ng/ul	95
11) Acenaphthene	14.597	153	6997	0.375	ng/ul	98
12) Fluorene	15.591	166	7161	0.360	ng/ul	97
14) Pentachlorophenol	16.945	266	533	0.359	ng/ul	90
15) Phenanthrene	17.333	178	8796	0.367	ng/ul	96
16) Anthracene	17.426	178	8009	0.398	ng/ul#	93
19) Fluoranthene	19.348	202	8456	0.395	ng/ul	97
20) Pyrene	19.710	202	9103	0.396	ng/ul	95
21) Benzo(a)anthracene	21.466	228	5726	0.336	ng/ul	97
22) Chrysene	21.516	228	7040	0.362	ng/ul	99
24) Benzo(b)fluoranthene	23.146	252	5979	0.386	ng/ul	86
25) Benzo(k)fluoranthene	23.190	252	6642	0.435	ng/ul#	89
26) Benzo(a)pyrene	23.775	252	5381	0.386	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.357	276	6659	0.343	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.374	278	5218	0.343	ng/ul#	89
29) Benzo(g,h,i)perylene	27.115	276	6232	0.366	ng/ul	96

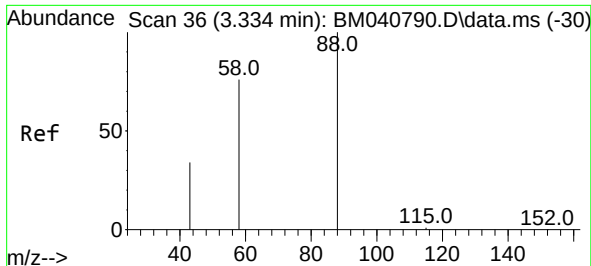
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071023\
Data File : BM040802.D
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Instrument :
BNA_M
ClientSampleId :

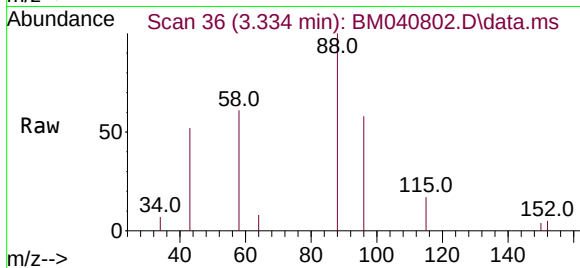
Quant Time: Jul 11 03:57:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 03:54:24 2023
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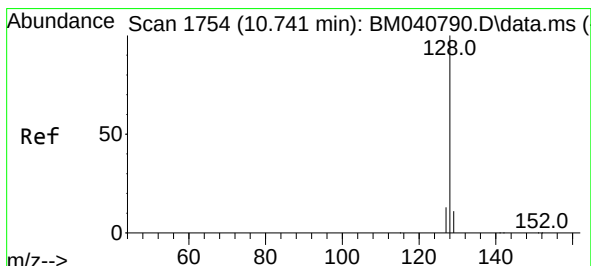
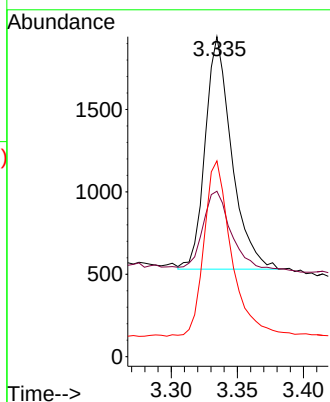
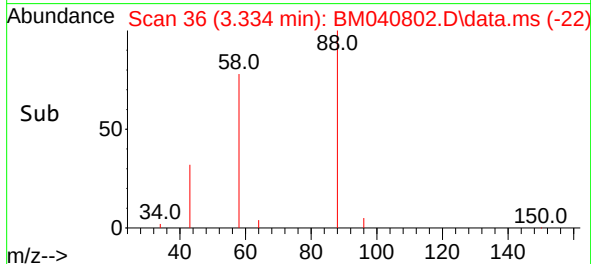


#2
1,4-Dioxane
Concen: 0.392 ng/ul
RT: 3.334 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM040802.D
Acq: 10 Jul 2023 16:18

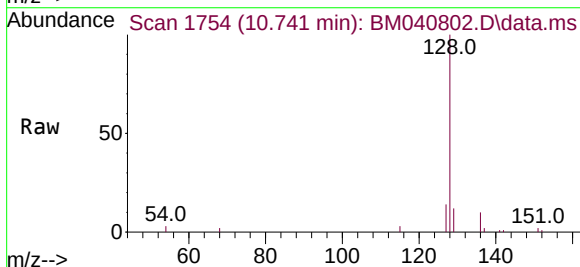
Instrument :
BNA_M
ClientSampleId :



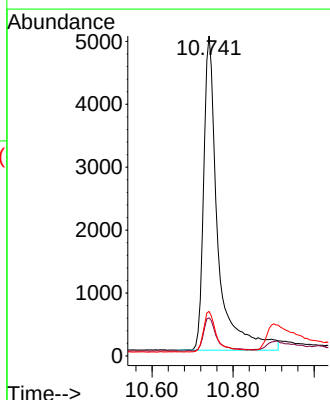
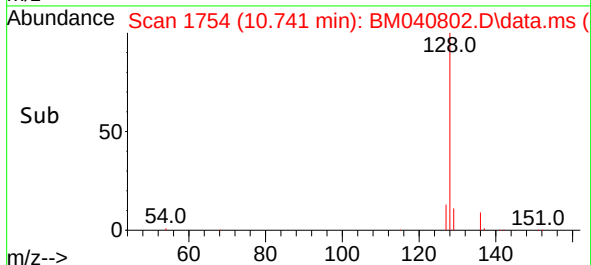
Tgt Ion: 88 Resp: 1963
Ion Ratio Lower Upper
88 100
43 51.7 36.1 54.1
58 61.2 49.8 74.8

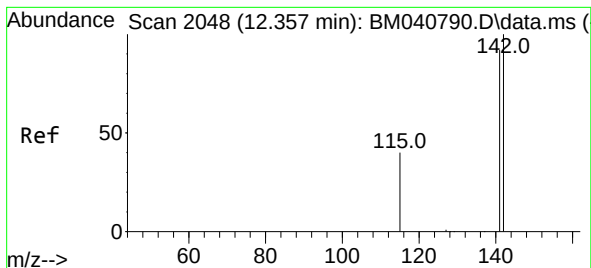


#5
Naphthalene
Concen: 0.378 ng/ul
RT: 10.741 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BM040802.D
Acq: 10 Jul 2023 16:18



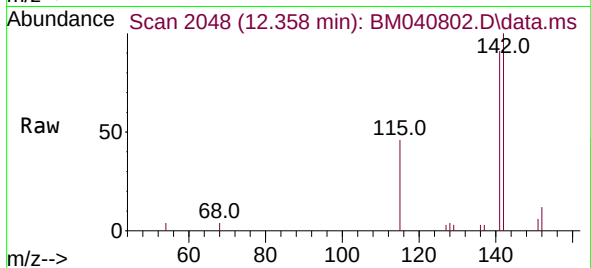
Tgt Ion: 128 Resp: 12106
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.9 10.6 15.8



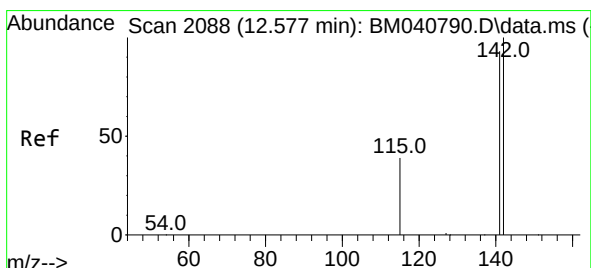
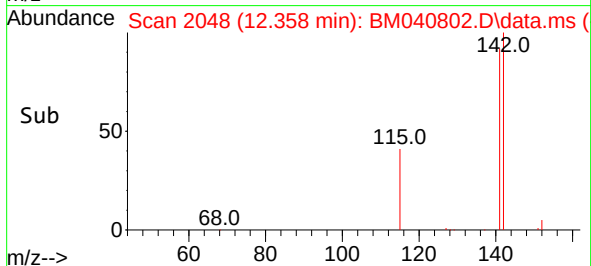
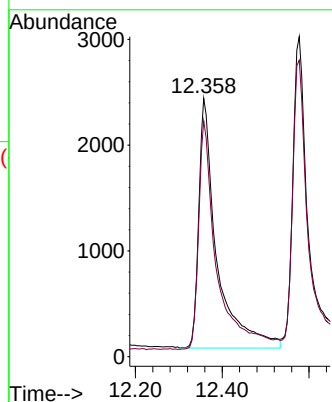


#7
2-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.358 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BM040802.D
Acq: 10 Jul 2023 16:18

Instrument :
BNA_M
ClientSampleId :

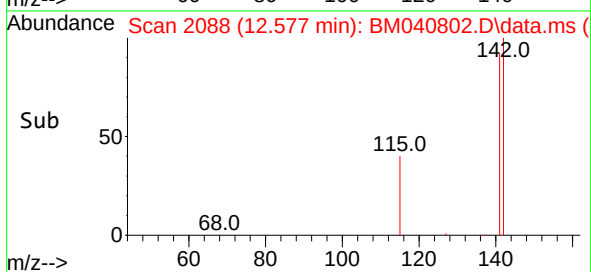
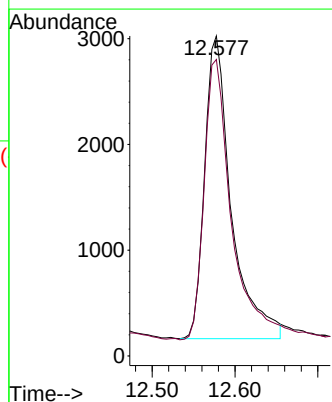
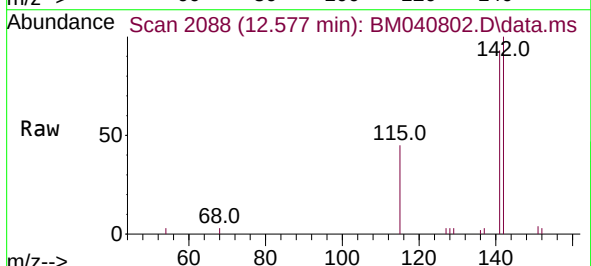


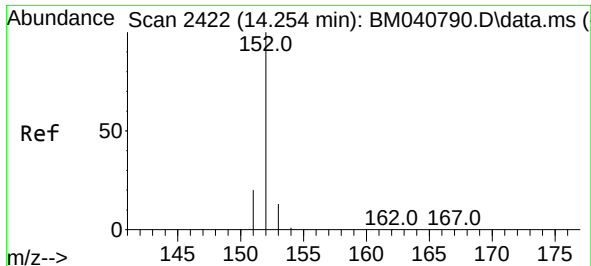
Tgt Ion:142 Resp: 6861
Ion Ratio Lower Upper
142 100
141 91.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.577 min Scan# 2088
Delta R.T. 0.000 min
Lab File: BM040802.D
Acq: 10 Jul 2023 16:18

Tgt Ion:142 Resp: 6423
Ion Ratio Lower Upper
142 100
141 94.5 73.7 110.5

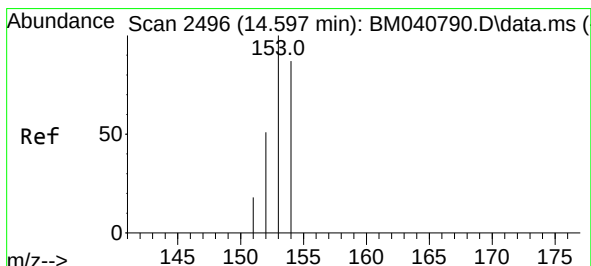
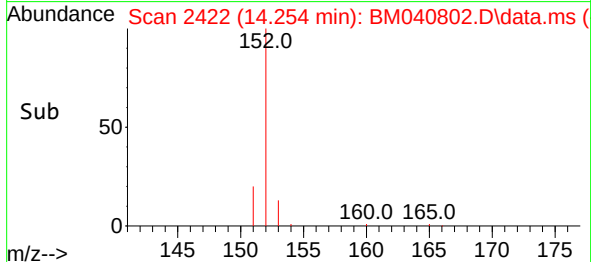
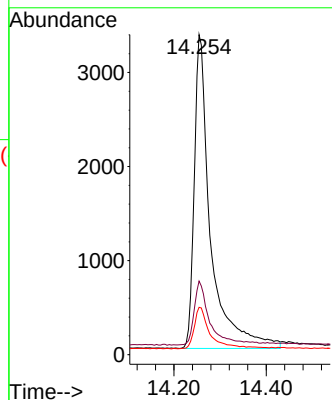
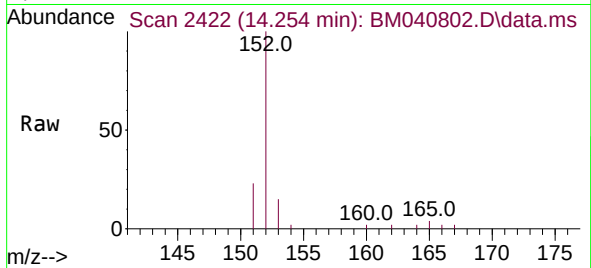




#10
Acenaphthylene
Concen: 0.371 ng/ul
RT: 14.254 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BM040802.D
Acq: 10 Jul 2023 16:18

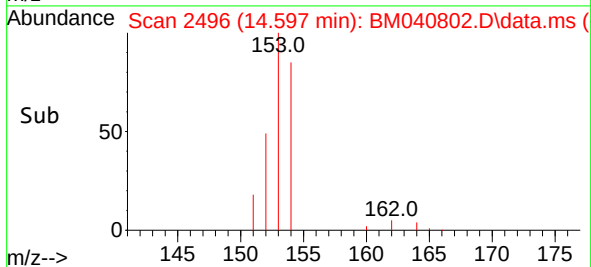
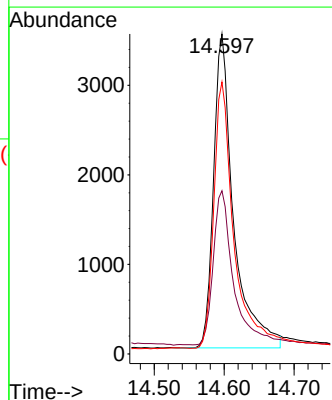
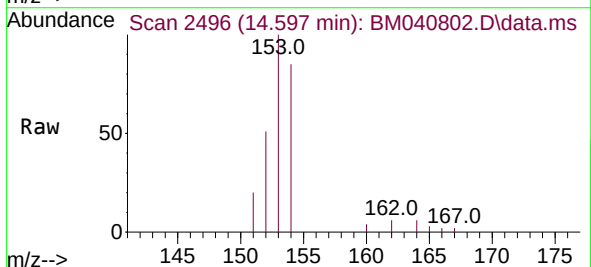
Instrument :
BNA_M
ClientSampleId :

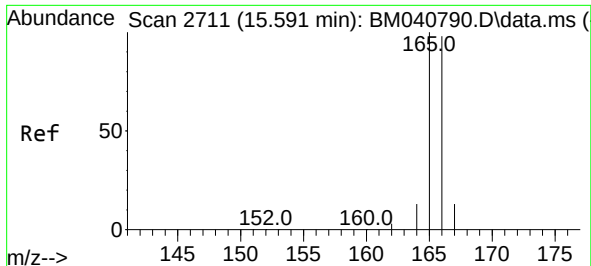
Tgt Ion:152 Resp: 8194
Ion Ratio Lower Upper
152 100
151 23.0 16.2 24.2
153 14.8 10.9 16.3



#11
Acenaphthene
Concen: 0.375 ng/ul
RT: 14.597 min Scan# 2496
Delta R.T. 0.000 min
Lab File: BM040802.D
Acq: 10 Jul 2023 16:18

Tgt Ion:153 Resp: 6997
Ion Ratio Lower Upper
153 100
152 51.0 41.0 61.4
154 85.0 70.8 106.2

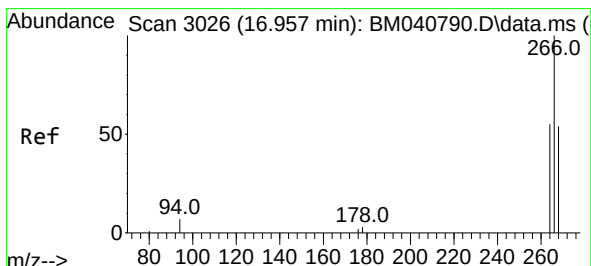
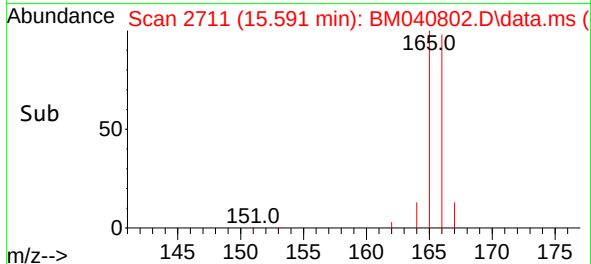
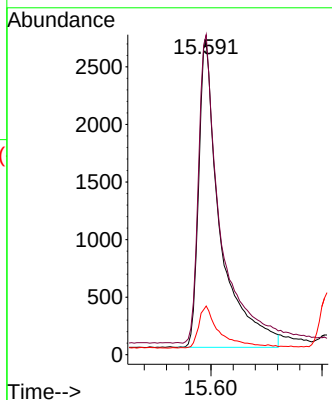
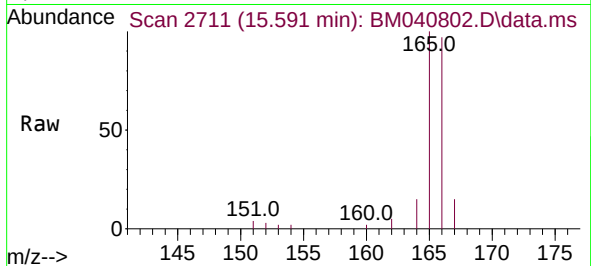




#12
Fluorene
Concen: 0.360 ng/ul
RT: 15.591 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM040802.D
Acq: 10 Jul 2023 16:18

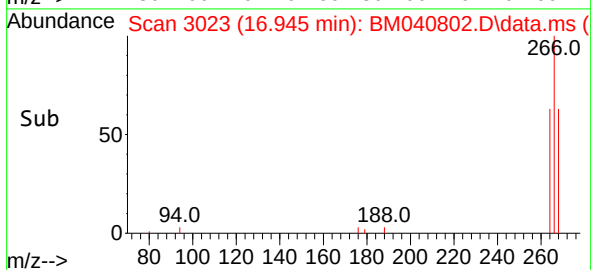
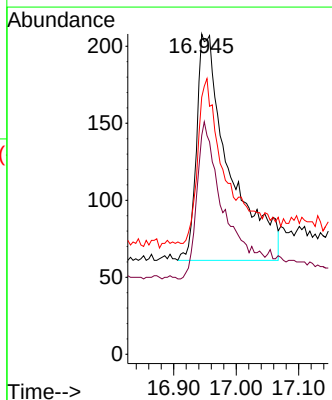
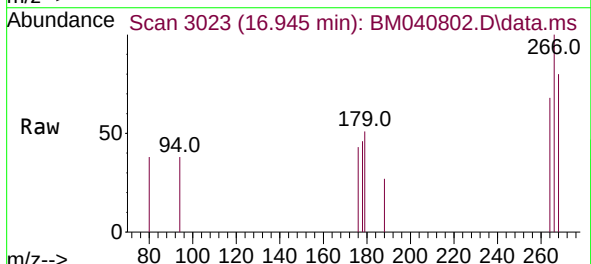
Instrument :
BNA_M
ClientSampleId :

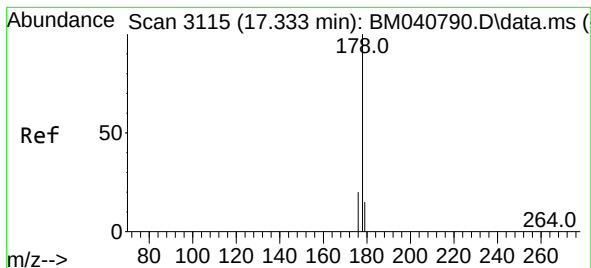
Tgt Ion:166 Resp: 7161
Ion Ratio Lower Upper
166 100
165 102.7 79.6 119.4
167 15.6 11.4 17.0



#14
Pentachlorophenol
Concen: 0.359 ng/ul
RT: 16.945 min Scan# 3023
Delta R.T. -0.012 min
Lab File: BM040802.D
Acq: 10 Jul 2023 16:18

Tgt Ion:266 Resp: 533
Ion Ratio Lower Upper
266 100
264 64.0 45.4 68.0
268 66.6 47.2 70.8





#15

Phenanthrene

Concen: 0.367 ng/ul

RT: 17.333 min Scan# 3115

Delta R.T. 0.000 min

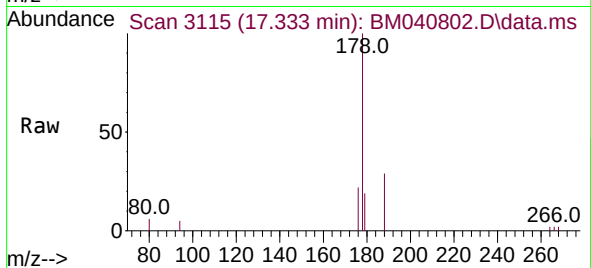
Lab File: BM040802.D

Acq: 10 Jul 2023 16:18

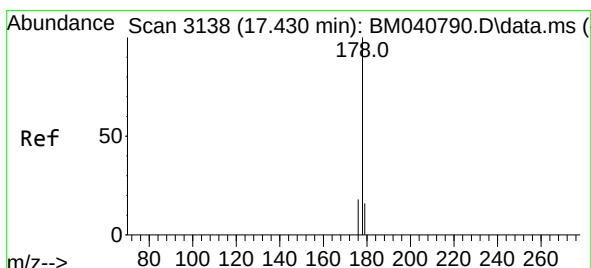
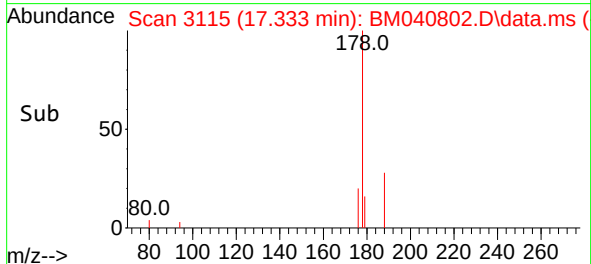
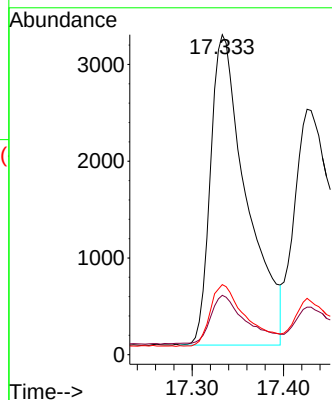
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	178	Resp:	8796
Ion Ratio	Lower	Upper	
178	100		
179	18.6	12.8	19.2
176	21.9	16.4	24.6



#16

Anthracene

Concen: 0.398 ng/ul

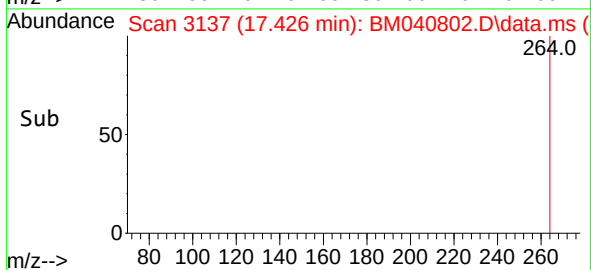
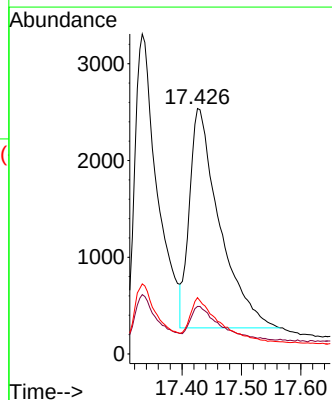
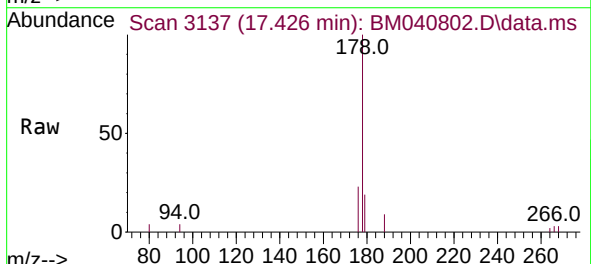
RT: 17.426 min Scan# 3137

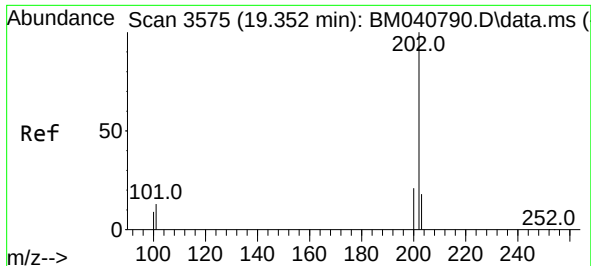
Delta R.T. -0.004 min

Lab File: BM040802.D

Acq: 10 Jul 2023 16:18

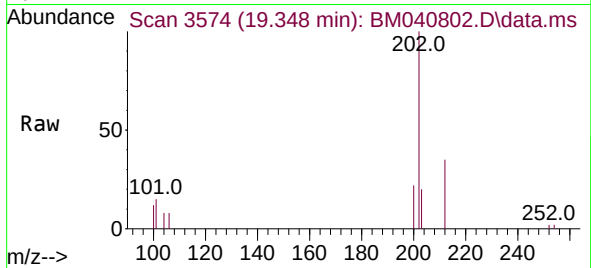
Tgt Ion:	178	Resp:	8009
Ion Ratio	Lower	Upper	
178	100		
179	19.3	12.9	19.3#
176	22.9	15.8	23.6



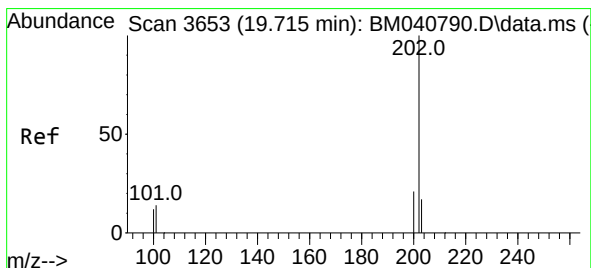
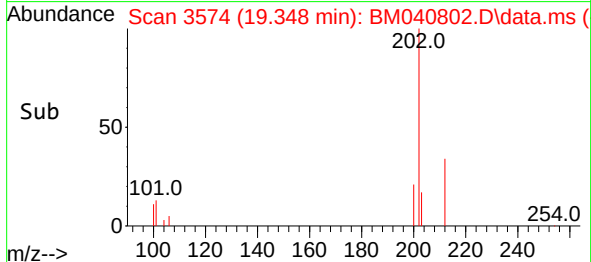
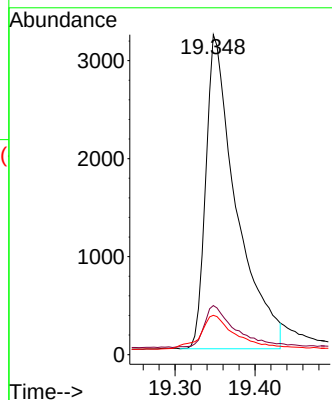


#19
Fluoranthene
Concen: 0.395 ng/ul
RT: 19.348 min Scan# 3574
Delta R.T. -0.004 min
Lab File: BM040802.D
Acq: 10 Jul 2023 16:18

Instrument :
BNA_M
ClientSampleId :

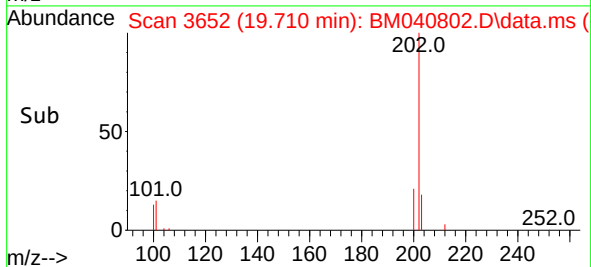
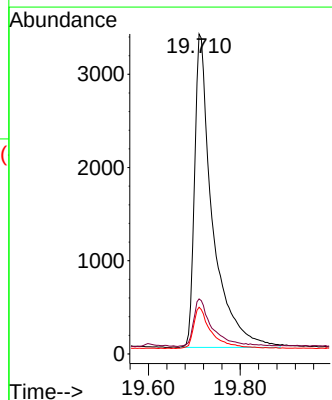
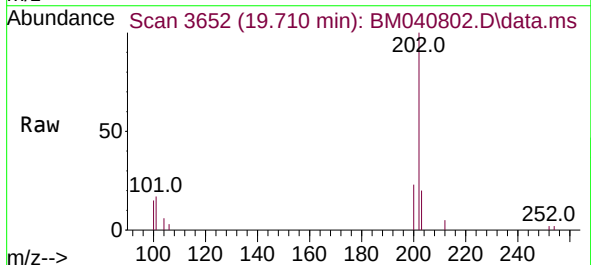


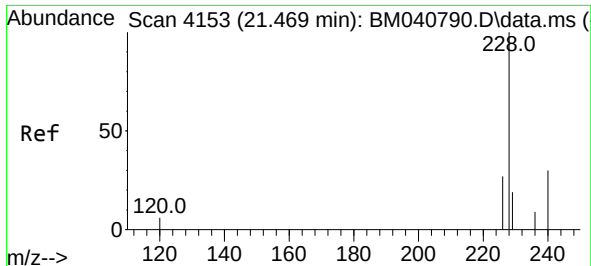
Tgt Ion:202 Resp: 8456
Ion Ratio Lower Upper
202 100
101 15.4 11.4 17.0
100 12.3 8.7 13.1



#20
Pyrene
Concen: 0.396 ng/ul
RT: 19.710 min Scan# 3652
Delta R.T. -0.004 min
Lab File: BM040802.D
Acq: 10 Jul 2023 16:18

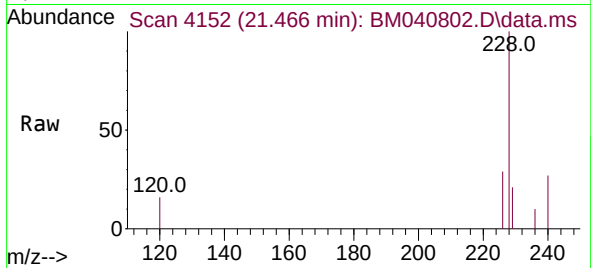
Tgt Ion:202 Resp: 9103
Ion Ratio Lower Upper
202 100
101 17.2 12.6 18.8
100 14.6 9.8 14.6



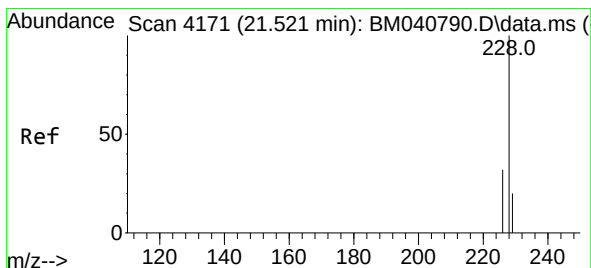
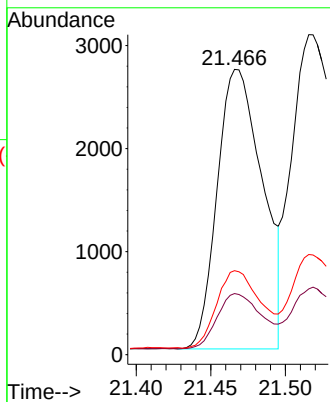
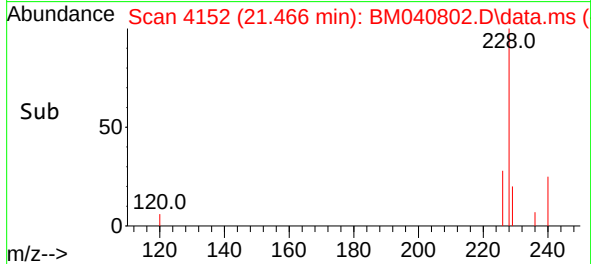


#21
Benzo(a)anthracene
Concen: 0.336 ng/ul
RT: 21.466 min Scan# 4153
Delta R.T. -0.003 min
Lab File: BM040802.D
Acq: 10 Jul 2023 16:18

Instrument :
BNA_M
ClientSampleId :

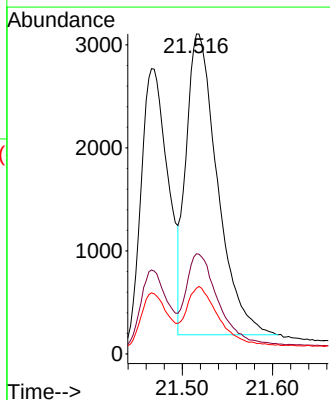
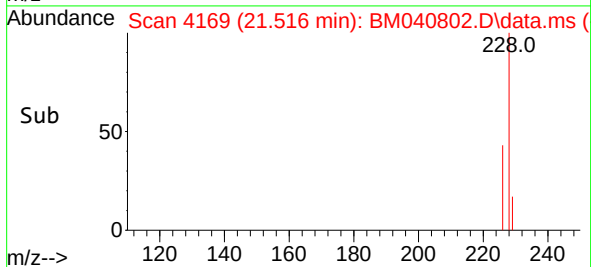
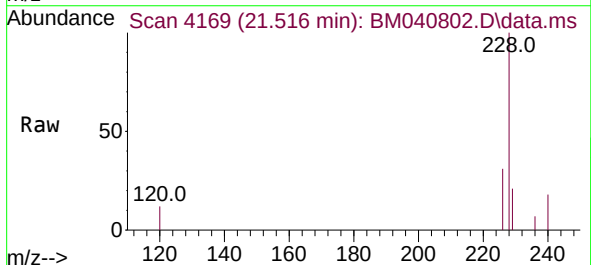


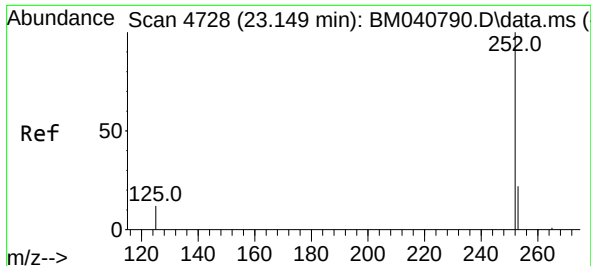
Tgt Ion:228 Resp: 5726
Ion Ratio Lower Upper
228 100
229 21.4 16.0 24.0
226 29.4 22.3 33.5



#22
Chrysene
Concen: 0.362 ng/ul
RT: 21.516 min Scan# 4169
Delta R.T. -0.006 min
Lab File: BM040802.D
Acq: 10 Jul 2023 16:18

Tgt Ion:228 Resp: 7040
Ion Ratio Lower Upper
228 100
226 31.3 24.9 37.3
229 20.5 15.8 23.6

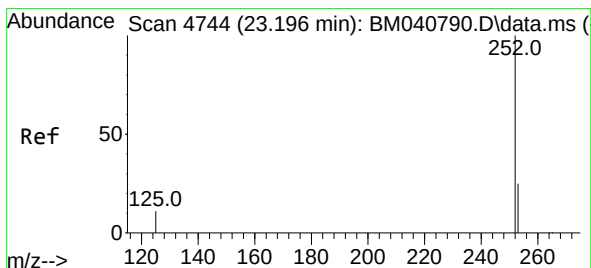
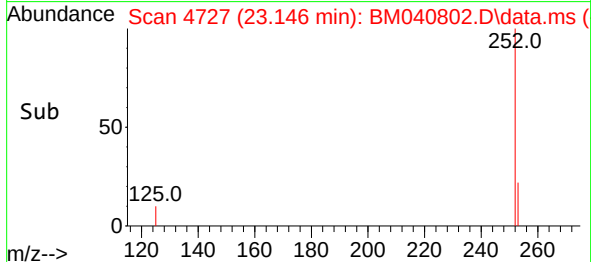
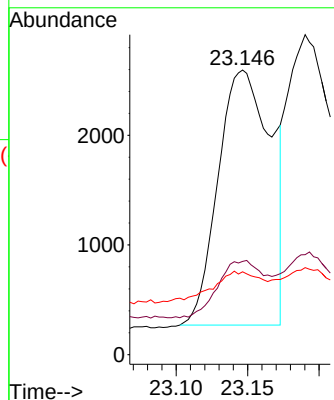
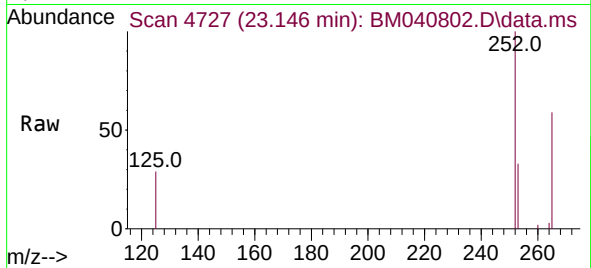




#24
Benzo(b)fluoranthene
Concen: 0.386 ng/ul
RT: 23.146 min Scan# 4727
Delta R.T. -0.003 min
Lab File: BM040802.D
Acq: 10 Jul 2023 16:18

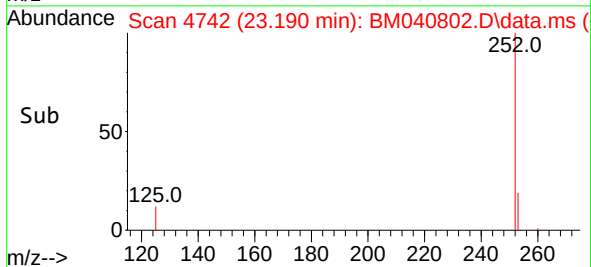
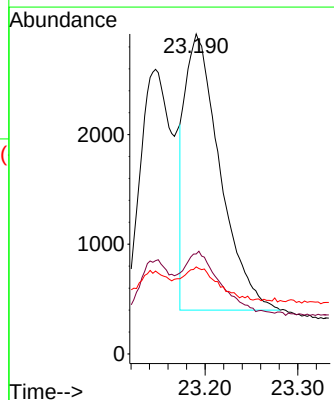
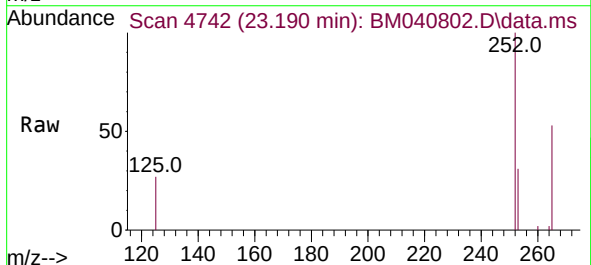
Instrument :
BNA_M
ClientSampleId :

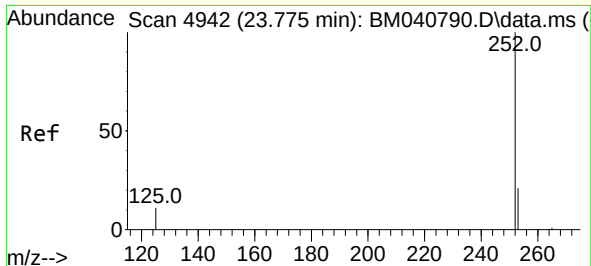
Tgt Ion:252 Resp: 5979
Ion Ratio Lower Upper
252 100
253 32.7 0.0 52.8
125 29.1 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.435 ng/ul
RT: 23.190 min Scan# 4742
Delta R.T. -0.006 min
Lab File: BM040802.D
Acq: 10 Jul 2023 16:18

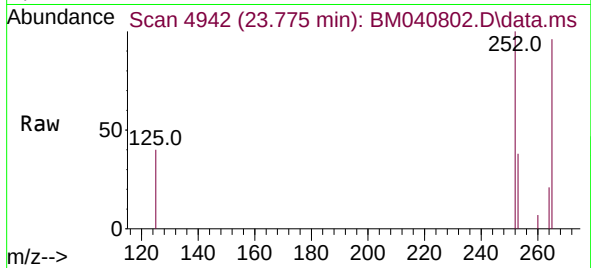
Tgt Ion:252 Resp: 6642
Ion Ratio Lower Upper
252 100
253 31.2 21.2 31.8
125 27.2 16.4 24.6#



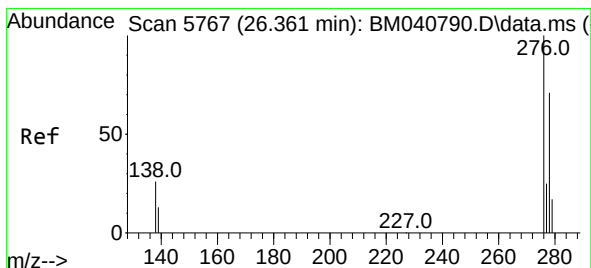
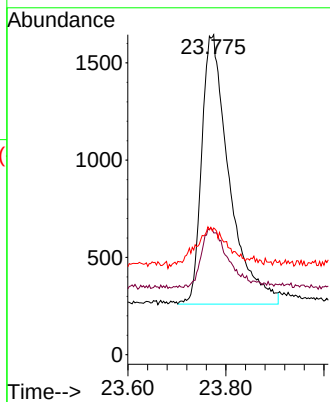
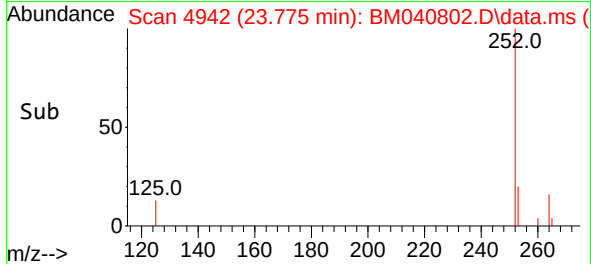


#26
Benzo(a)pyrene
Concen: 0.386 ng/ul
RT: 23.775 min Scan# 4942
Delta R.T. 0.000 min
Lab File: BM040802.D
Acq: 10 Jul 2023 16:18

Instrument :
BNA_M
ClientSampleId :

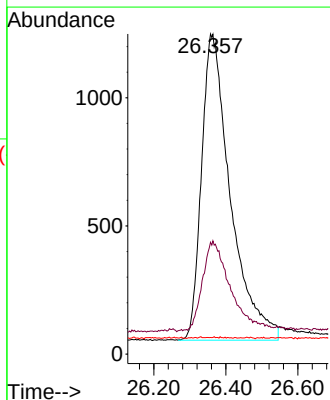
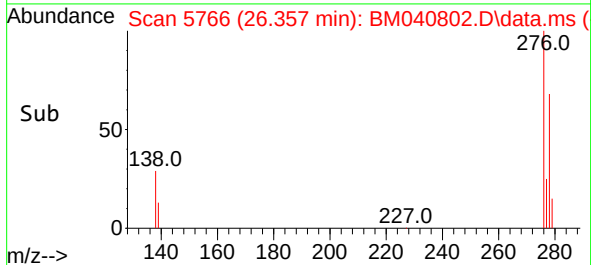
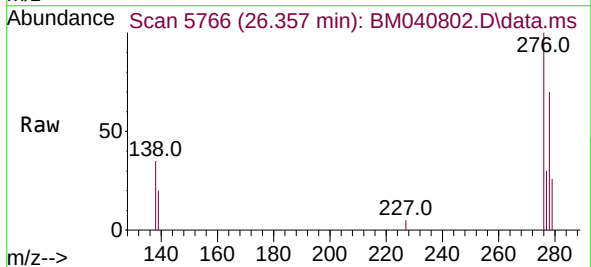


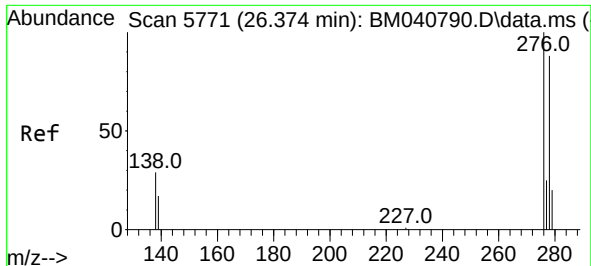
Tgt Ion:252 Resp: 5381
Ion Ratio Lower Upper
252 100
253 38.1 22.9 34.3#
125 39.6 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.343 ng/ul
RT: 26.357 min Scan# 5766
Delta R.T. -0.003 min
Lab File: BM040802.D
Acq: 10 Jul 2023 16:18

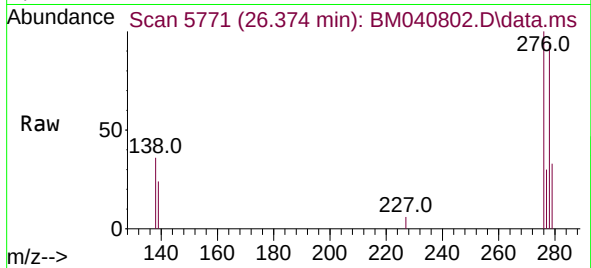
Tgt Ion:276 Resp: 6659
Ion Ratio Lower Upper
276 100
138 28.5 24.5 36.7
227 0.0 0.1 0.1#



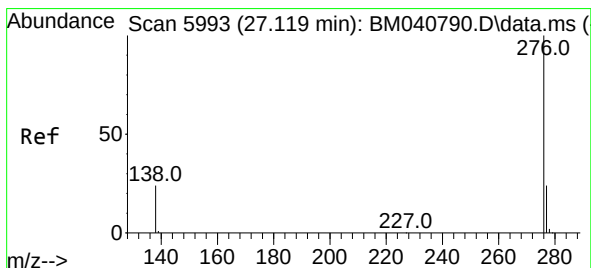
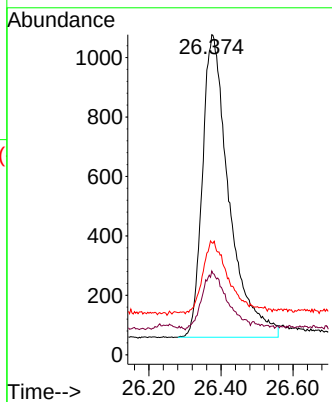
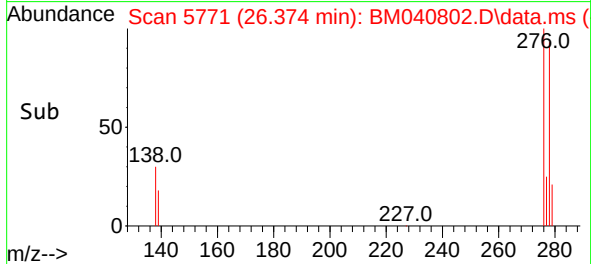


#28
Dibenzo(a,h)anthracene
Concen: 0.343 ng/ul
RT: 26.374 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM040802.D
Acq: 10 Jul 2023 16:18

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 5218
Ion Ratio Lower Upper
278 100
139 26.2 17.9 26.9
279 35.0 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.366 ng/ul
RT: 27.115 min Scan# 5992
Delta R.T. -0.003 min
Lab File: BM040802.D
Acq: 10 Jul 2023 16:18

Tgt Ion:276 Resp: 6232
Ion Ratio Lower Upper
276 100
138 30.0 23.0 34.6
277 28.6 20.3 30.5

