

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
 Data File : BM040393.D
 Acq On : 24 Jun 2023 01:59
 Operator : MA/JU
 Sample : PB153416BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS416

Quant Time: Jun 24 02:47:18 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 : Fri Jun 23 00:44:24 2023
 Response via : Initial Calibration

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

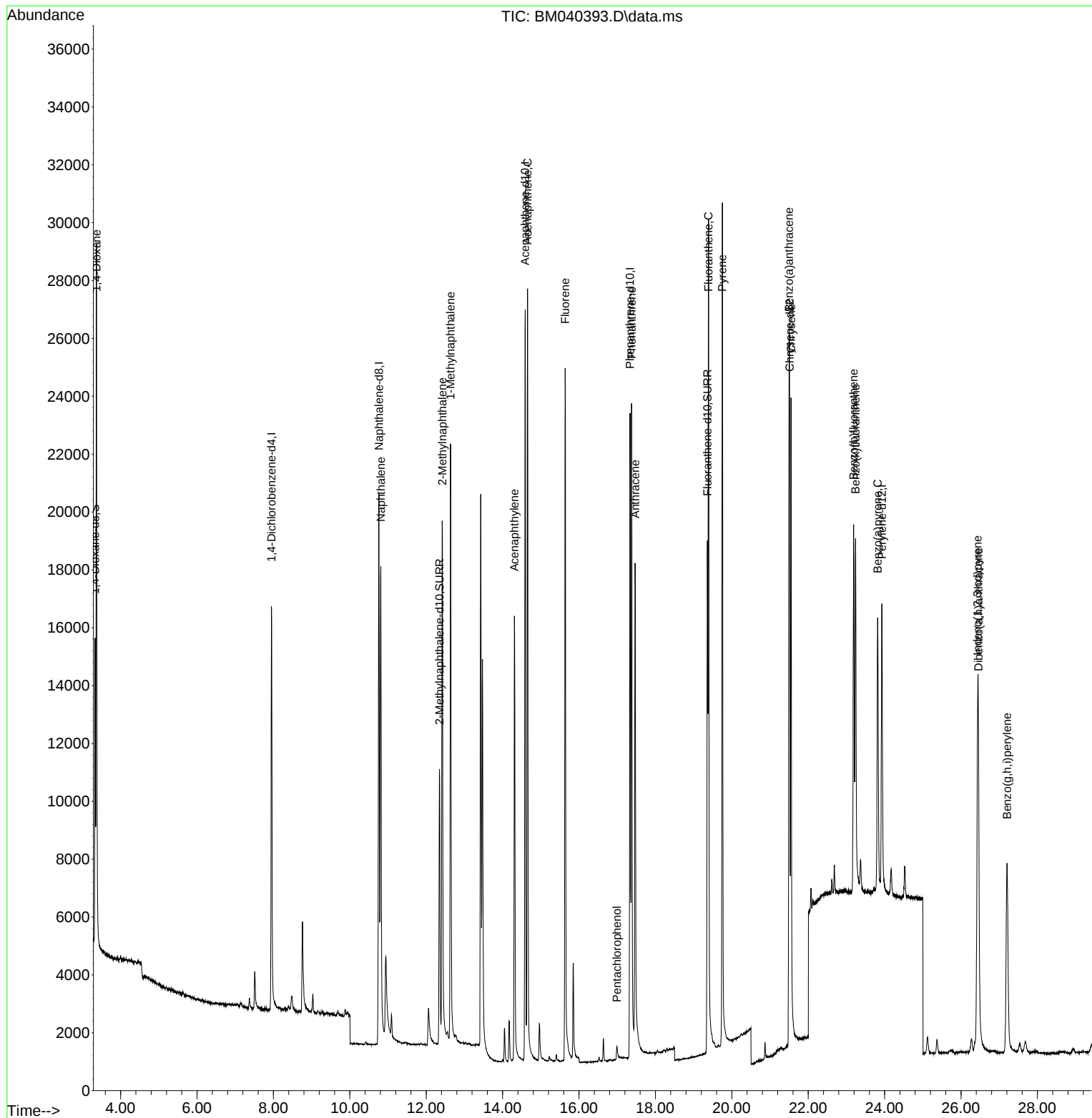
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	7923	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	30110	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	15047	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	28047	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	17987	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	14662	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	6667	0.536	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	14545	0.345	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	21363	0.370	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.367	88	15903	1.255	ng/ul	90
5) Naphthalene	10.811	128	24464	0.295	ng/ul	100
7) 2-Methylnaphthalene	12.422	142	15078	0.309	ng/ul	98
8) 1-Methylnaphthalene	12.637	142	15082	0.309	ng/ul	100
10) Acenaphthylene	14.309	152	20237	0.301	ng/ul	99
11) Acenaphthene	14.651	153	16313	0.287	ng/ul	99
12) Fluorene	15.637	166	17213	0.284	ng/ul	99
14) Pentachlorophenol	16.990	266	567	0.105	ng/ul#	91
15) Phenanthrene	17.375	178	24893	0.286	ng/ul	100
16) Anthracene	17.468	178	22079	0.302	ng/ul	99
19) Fluoranthene	19.389	202	25241	0.330	ng/ul	99
20) Pyrene	19.752	202	26540	0.324	ng/ul	99
21) Benzo(a)anthracene	21.497	228	19650	0.323	ng/ul	99
22) Chrysene	21.550	228	20166	0.291	ng/ul	99
24) Benzo(b)fluoranthene	23.190	252	17134	0.302	ng/ul	93
25) Benzo(k)fluoranthene	23.239	252	16813	0.301	ng/ul#	93
26) Benzo(a)pyrene	23.818	252	14703	0.288	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.434	276	18502	0.260	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.454	278	14638	0.263	ng/ul	96
29) Benzo(g,h,i)perylene	27.205	276	15583	0.250	ng/ul	99

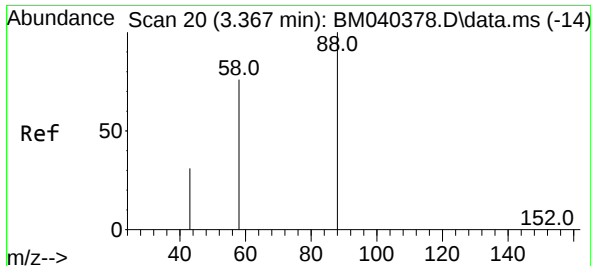
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
Data File : BM040393.D
Acq On : 24 Jun 2023 01:59
Operator : MA/JU
Sample : PB153416BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS416

Quant Time: Jun 24 02:47:18 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 : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration

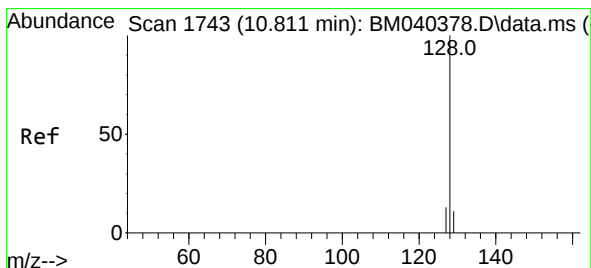
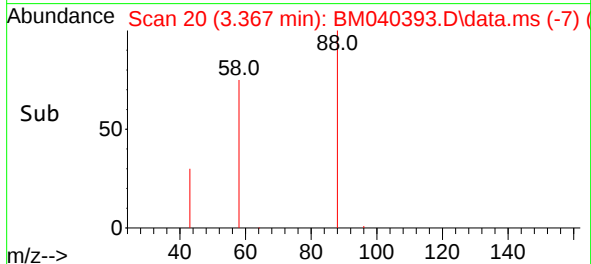
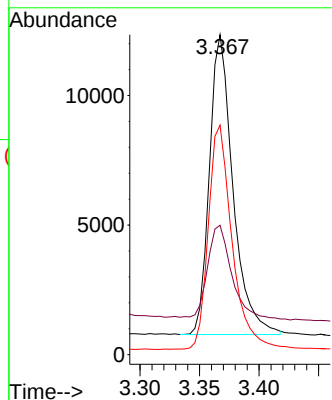
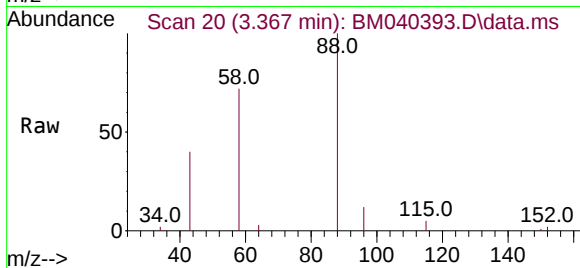




#2
1,4-Dioxane
Concen: 1.255 ng/ul
RT: 3.367 min Scan# 20
Delta R.T. -0.004 min
Lab File: BM040393.D
Acq: 24 Jun 2023 01:59

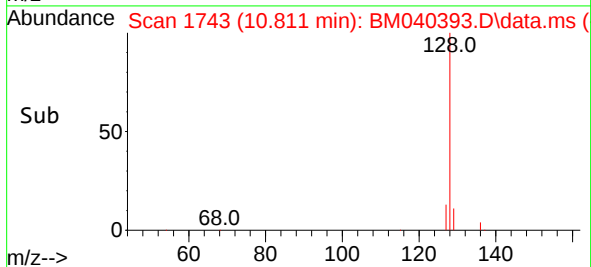
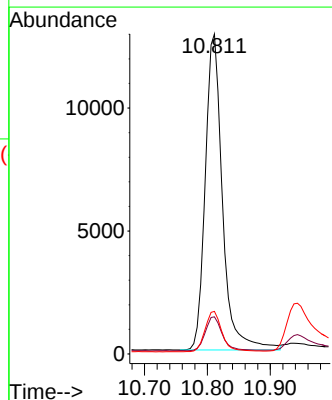
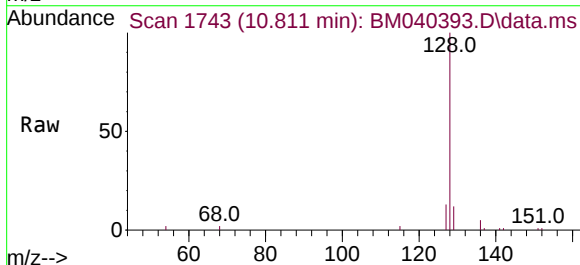
Instrument :
BNA_M
ClientSampleId :
SLCS416

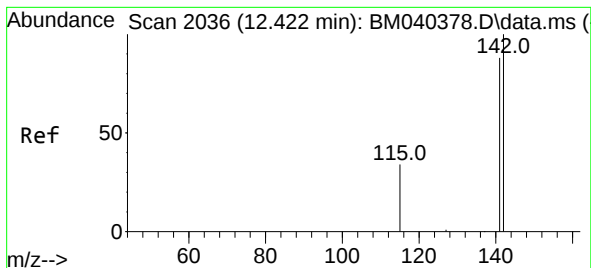
Tgt Ion: 88 Resp: 15903
Ion Ratio Lower Upper
88 100
43 40.5 36.1 54.1
58 71.7 49.8 74.8



#5
Naphthalene
Concen: 0.295 ng/ul
RT: 10.811 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BM040393.D
Acq: 24 Jun 2023 01:59

Tgt Ion: 128 Resp: 24464
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.3 10.6 15.8

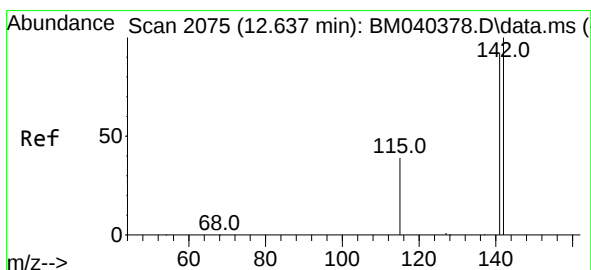
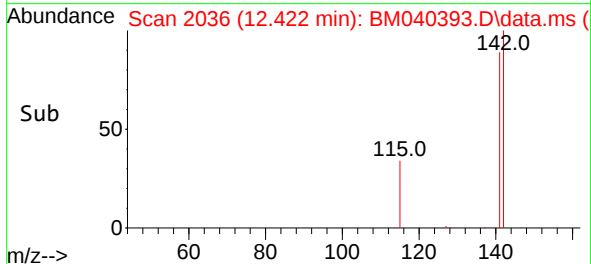
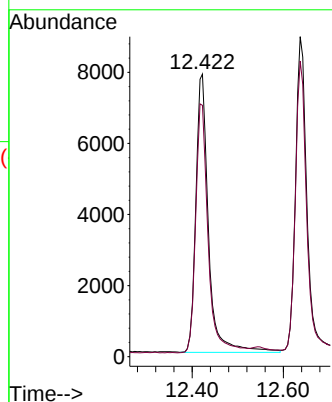
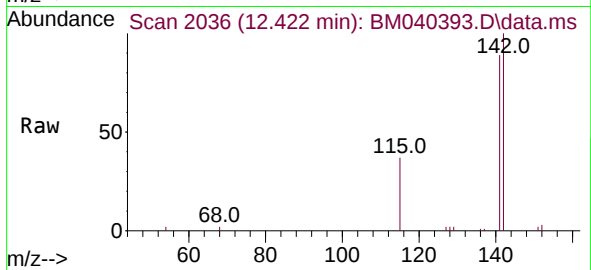




#7
2-Methylnaphthalene
Concen: 0.309 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BM040393.D
Acq: 24 Jun 2023 01:59

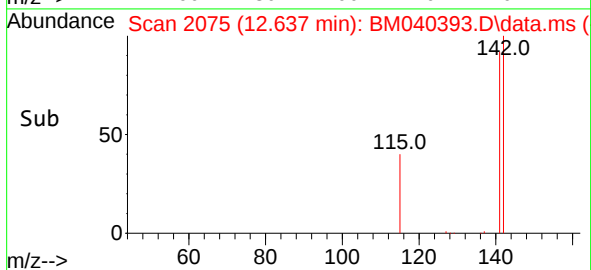
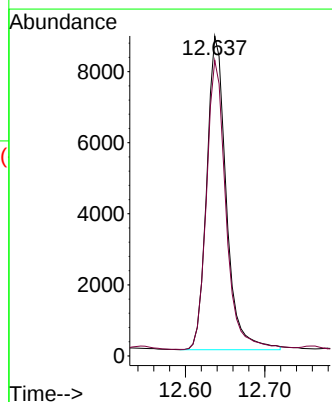
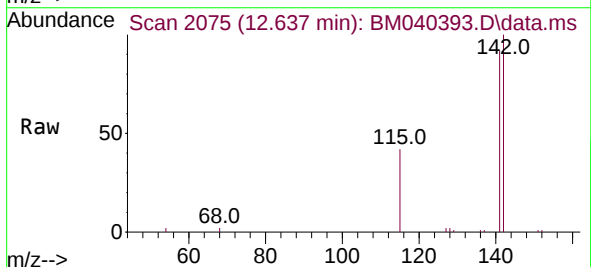
Instrument :
BNA_M
ClientSampleId :
SLCS416

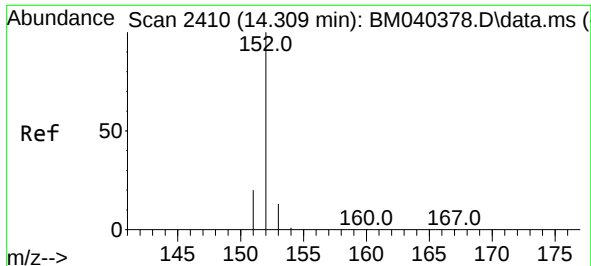
Tgt Ion:142 Resp: 15078
Ion Ratio Lower Upper
142 100
141 88.4 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.309 ng/ul
RT: 12.637 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BM040393.D
Acq: 24 Jun 2023 01:59

Tgt Ion:142 Resp: 15082
Ion Ratio Lower Upper
142 100
141 91.7 73.7 110.5

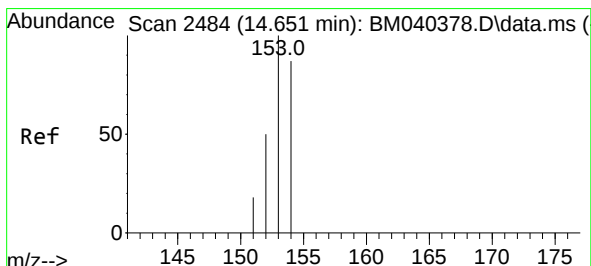
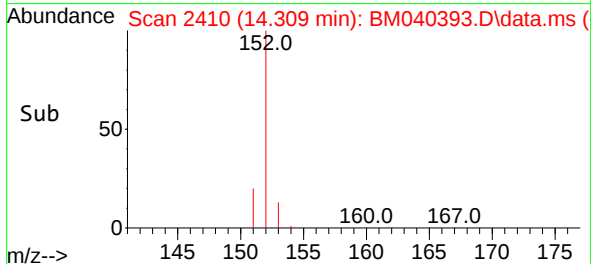
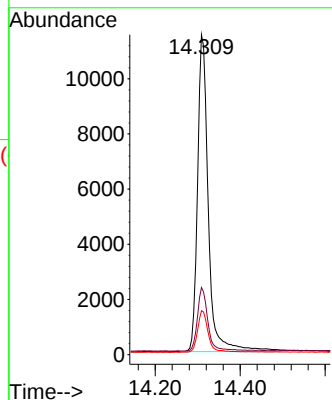
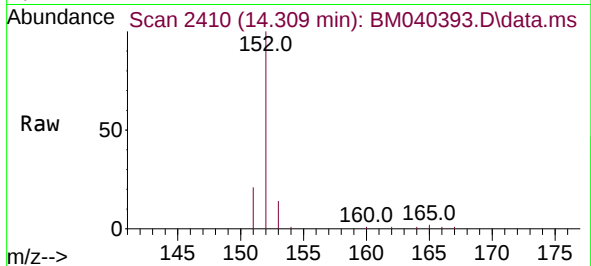




#10
Acenaphthylene
Concen: 0.301 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040393.D
Acq: 24 Jun 2023 01:59

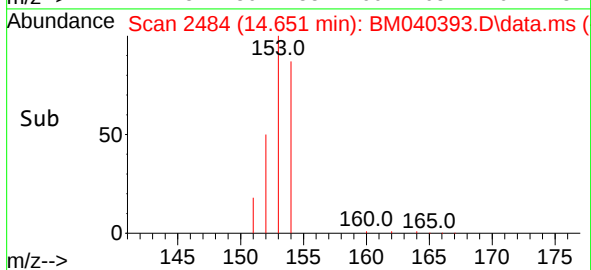
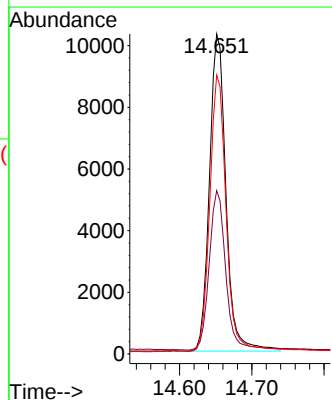
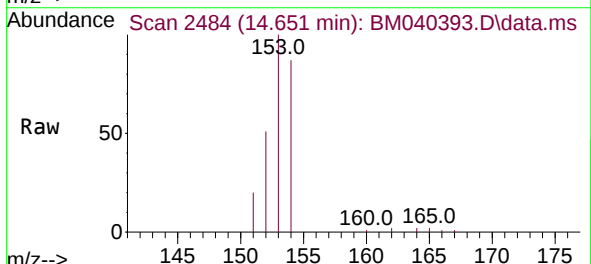
Instrument :
BNA_M
ClientSampleId :
SLCS416

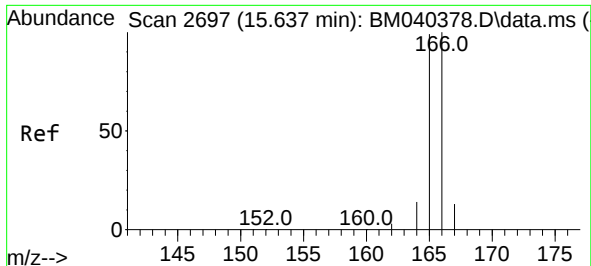
Tgt Ion:	152	Resp:	20237
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.2	24.2
153	13.7	10.9	16.3



#11
Acenaphthene
Concen: 0.287 ng/ul
RT: 14.651 min Scan# 2484
Delta R.T. -0.004 min
Lab File: BM040393.D
Acq: 24 Jun 2023 01:59

Tgt Ion:	153	Resp:	16313
Ion Ratio	Lower	Upper	
153	100		
152	51.1	41.0	61.4
154	87.1	70.8	106.2

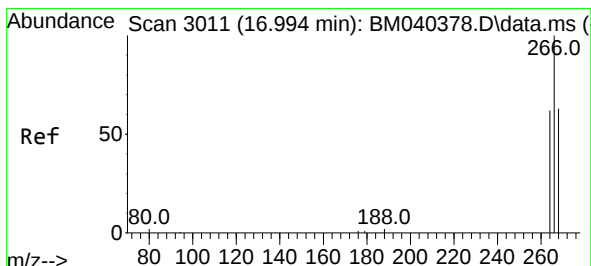
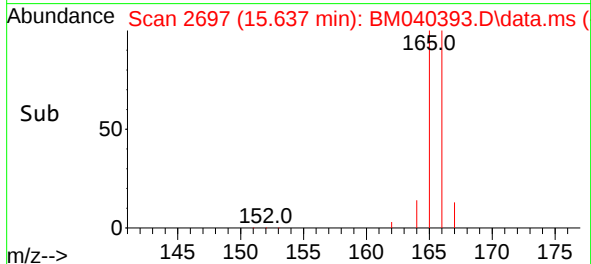
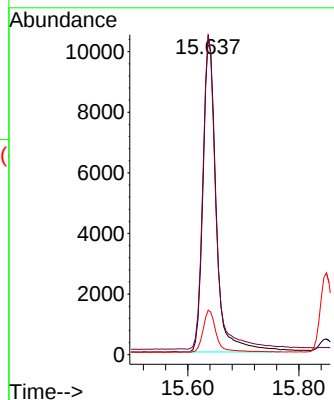
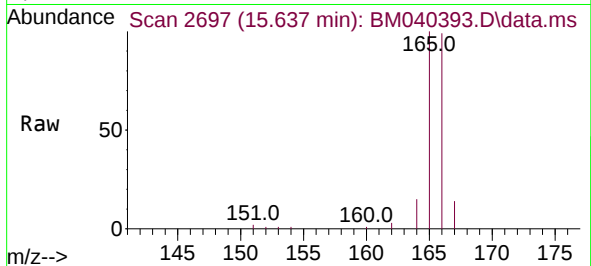




#12
Fluorene
Concen: 0.284 ng/ul
RT: 15.637 min Scan# 2010
Delta R.T. -0.004 min
Lab File: BM040393.D
Acq: 24 Jun 2023 01:59

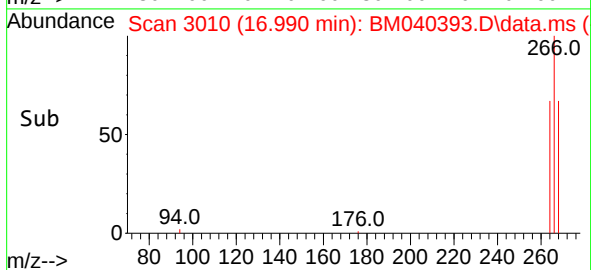
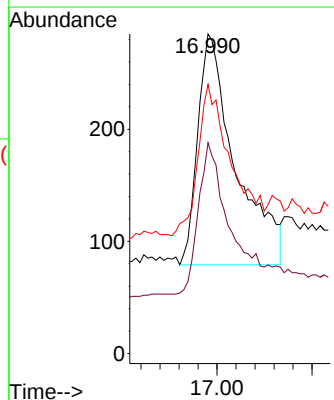
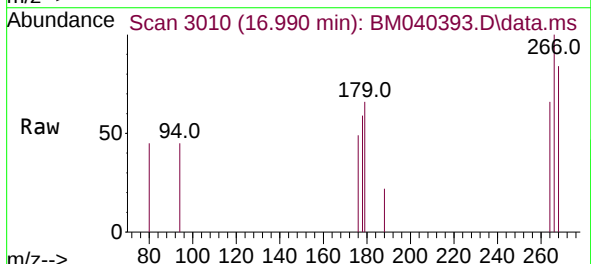
Instrument :
BNA_M
ClientSampleId :
SLCS416

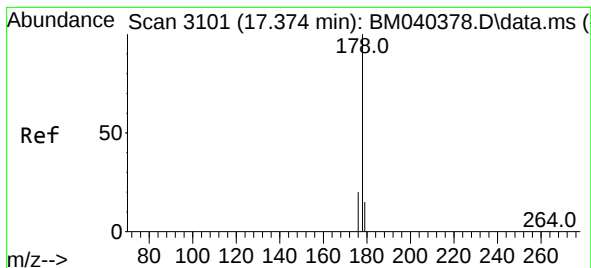
Tgt Ion:166 Resp: 17213
Ion Ratio Lower Upper
166 100
165 100.7 79.6 119.4
167 14.0 11.4 17.0



#14
Pentachlorophenol
Concen: 0.105 ng/ul
RT: 16.990 min Scan# 3010
Delta R.T. -0.021 min
Lab File: BM040393.D
Acq: 24 Jun 2023 01:59

Tgt Ion:266 Resp: 567
Ion Ratio Lower Upper
266 100
264 69.5 45.4 68.0#
268 58.9 47.2 70.8





#15

Phenanthrene

Concen: 0.286 ng/u1

RT: 17.375 min Scan# 3101

Delta R.T. -0.004 min

Lab File: BM040393.D

Acq: 24 Jun 2023 01:59

Instrument :

BNA_M

ClientSampleId :

SLCS416

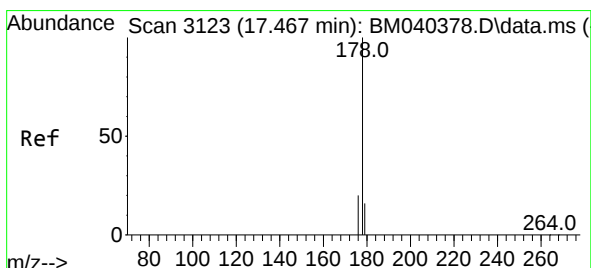
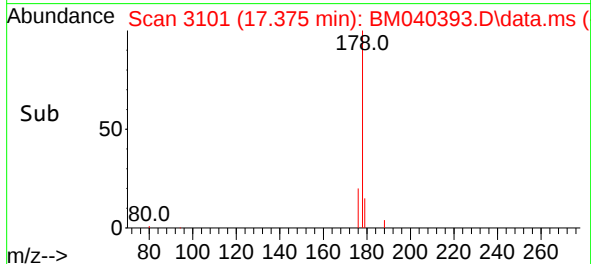
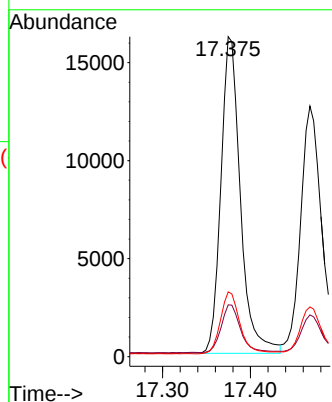
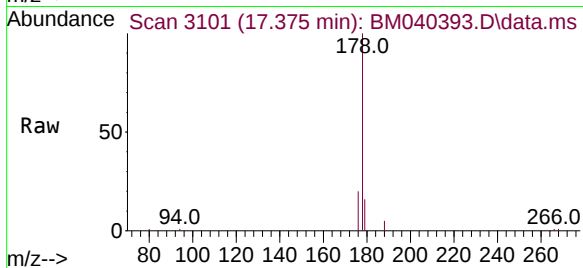
Tgt Ion:178 Resp: 24893

Ion Ratio Lower Upper

178 100

179 16.2 12.8 19.2

176 20.3 16.4 24.6



#16

Anthracene

Concen: 0.302 ng/u1

RT: 17.468 min Scan# 3123

Delta R.T. -0.004 min

Lab File: BM040393.D

Acq: 24 Jun 2023 01:59

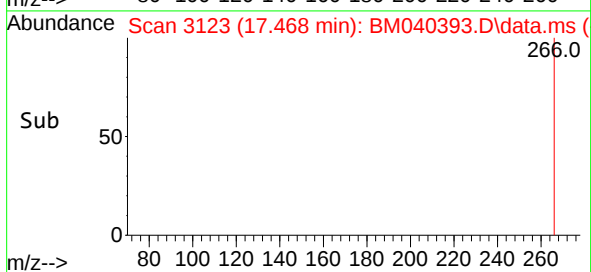
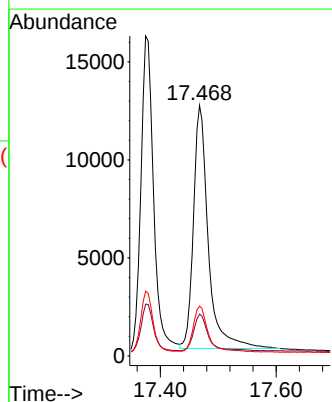
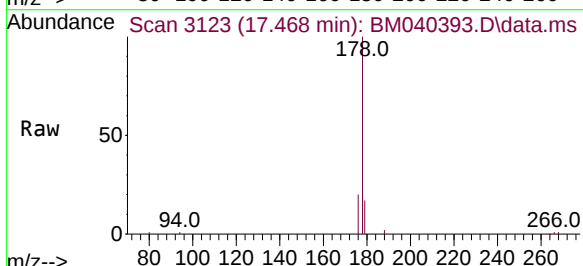
Tgt Ion:178 Resp: 22079

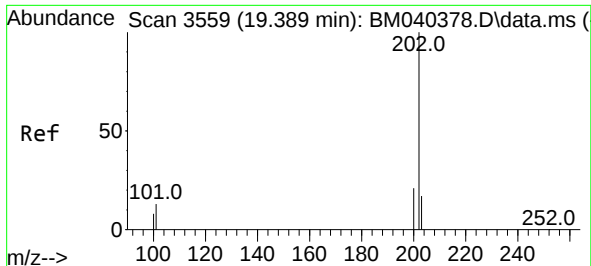
Ion Ratio Lower Upper

178 100

179 16.7 12.9 19.3

176 19.8 15.8 23.6

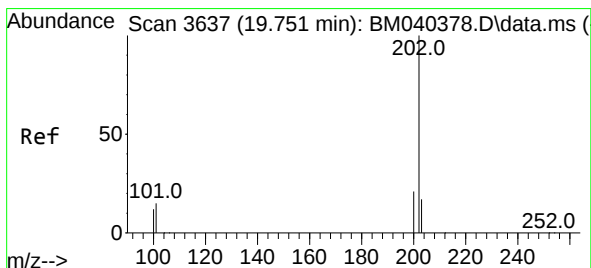
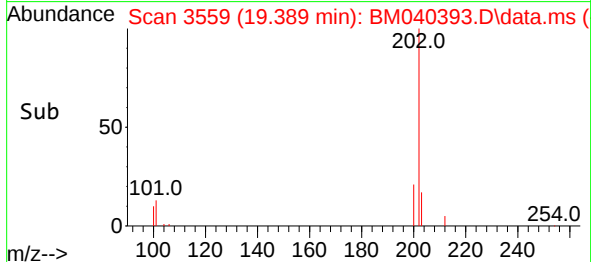
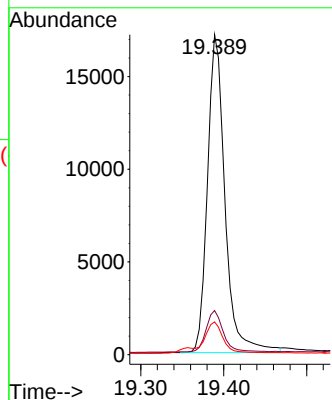
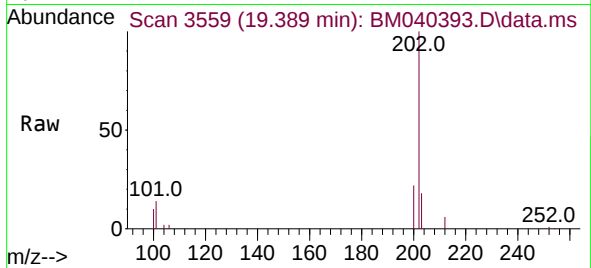




#19
Fluoranthene
Concen: 0.330 ng/ul
RT: 19.389 min Scan# 3559
Delta R.T. 0.000 min
Lab File: BM040393.D
Acq: 24 Jun 2023 01:59

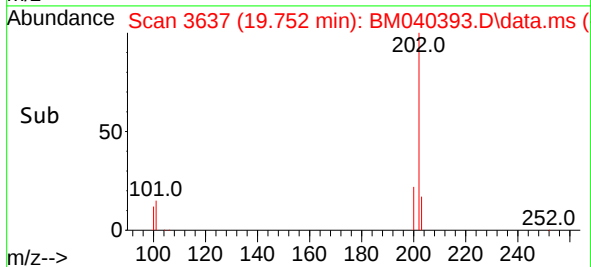
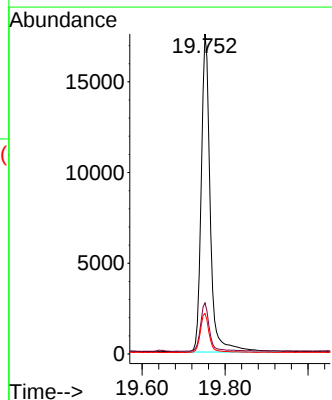
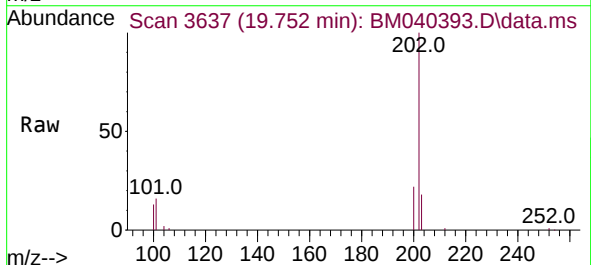
Instrument :
BNA_M
ClientSampleId :
SLCS416

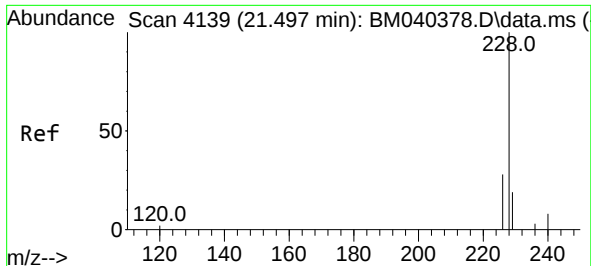
Tgt Ion:202 Resp: 25241
Ion Ratio Lower Upper
202 100
101 13.8 11.4 17.0
100 10.3 8.7 13.1



#20
Pyrene
Concen: 0.324 ng/ul
RT: 19.752 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040393.D
Acq: 24 Jun 2023 01:59

Tgt Ion:202 Resp: 26540
Ion Ratio Lower Upper
202 100
101 16.0 12.6 18.8
100 12.7 9.8 14.6

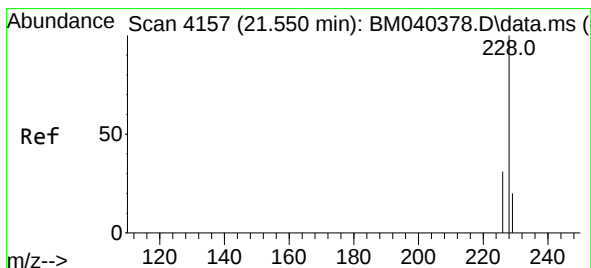
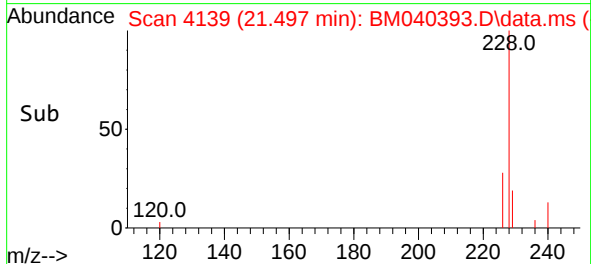
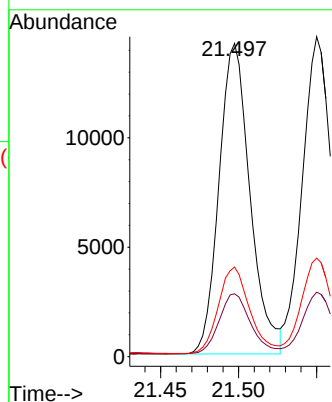
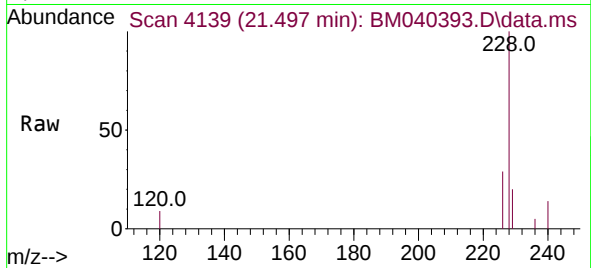




#21
Benzo(a)anthracene
Concen: 0.323 ng/u1
RT: 21.497 min Scan# 4139
Delta R.T. -0.003 min
Lab File: BM040393.D
Acq: 24 Jun 2023 01:59

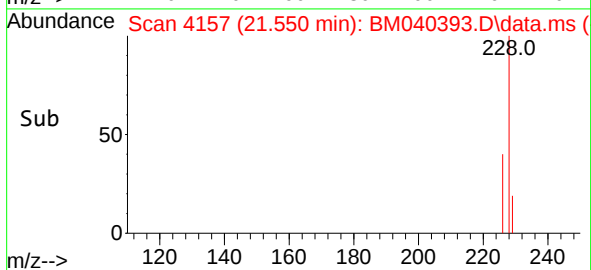
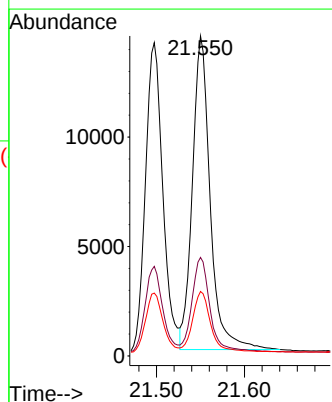
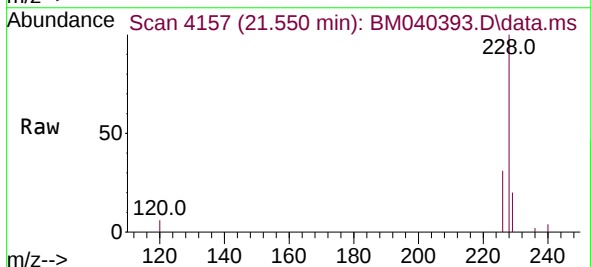
Instrument :
BNA_M
ClientSampleId :
SLCS416

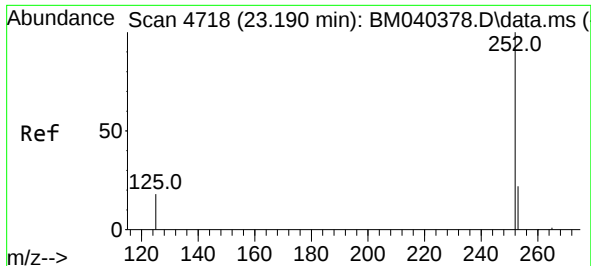
Tgt Ion:228 Resp: 19650
Ion Ratio Lower Upper
228 100
229 20.1 16.0 24.0
226 28.6 22.3 33.5



#22
Chrysene
Concen: 0.291 ng/u1
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040393.D
Acq: 24 Jun 2023 01:59

Tgt Ion:228 Resp: 20166
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 20.2 15.8 23.6

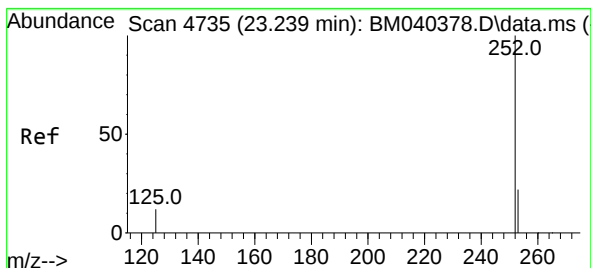
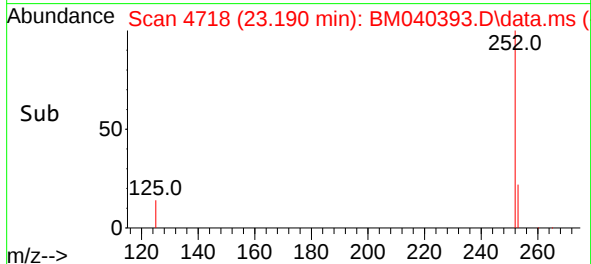
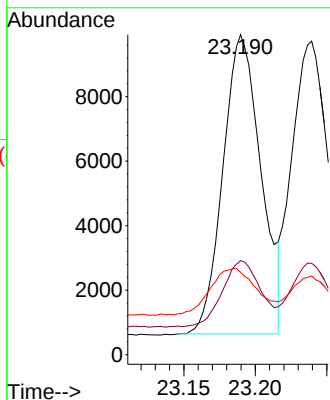
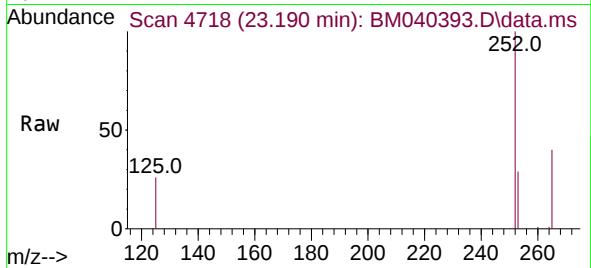




#24
Benzo(b)fluoranthene
Concen: 0.302 ng/ul
RT: 23.190 min Scan# 4718
Delta R.T. -0.003 min
Lab File: BM040393.D
Acq: 24 Jun 2023 01:59

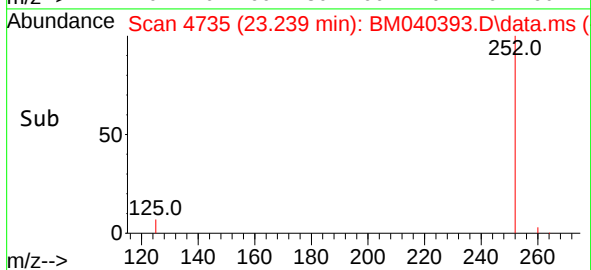
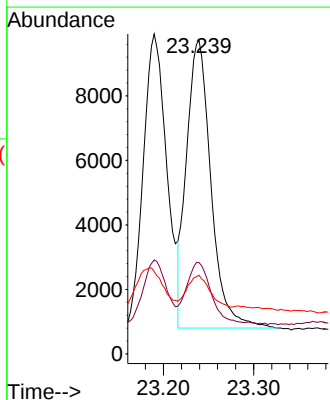
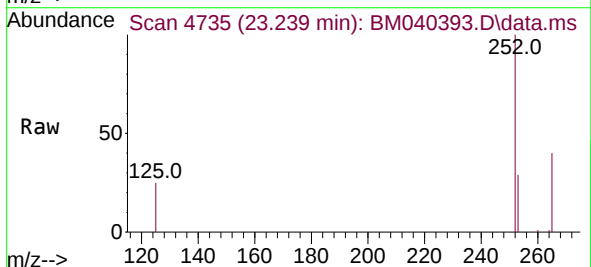
Instrument :
BNA_M
ClientSampleId :
SLCS416

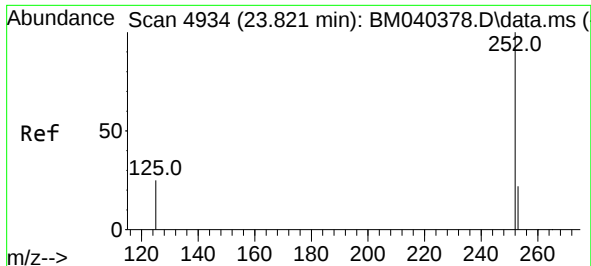
Tgt Ion:252 Resp: 17134
Ion Ratio Lower Upper
252 100
253 29.4 0.0 52.8
125 25.8 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.301 ng/ul
RT: 23.239 min Scan# 4735
Delta R.T. -0.003 min
Lab File: BM040393.D
Acq: 24 Jun 2023 01:59

Tgt Ion:252 Resp: 16813
Ion Ratio Lower Upper
252 100
253 29.2 21.2 31.8
125 25.1 16.4 24.6#

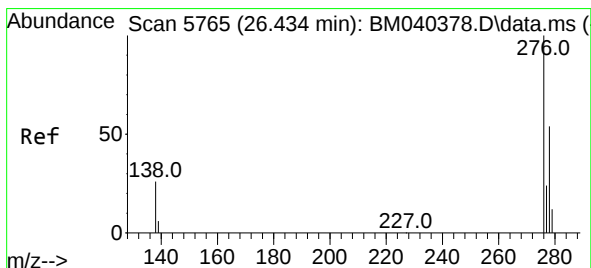
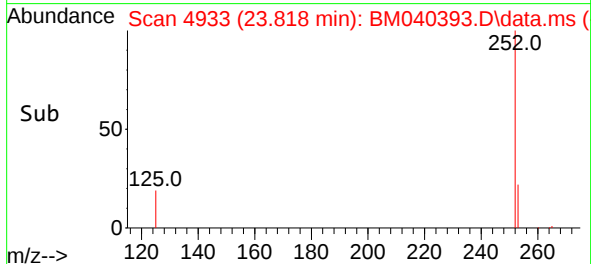
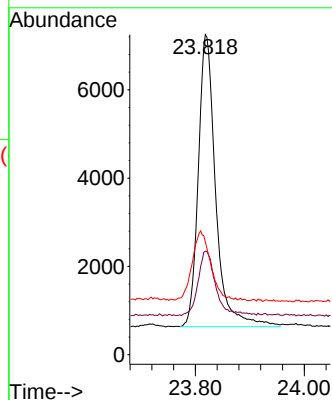
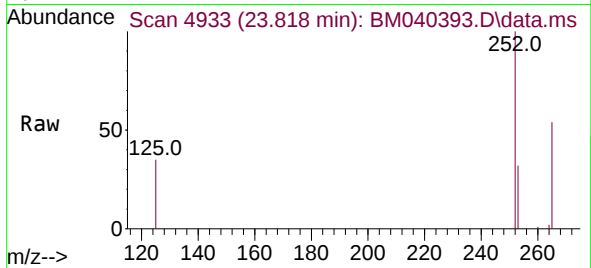




#26
Benzo(a)pyrene
Concen: 0.288 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040393.D
Acq: 24 Jun 2023 01:59

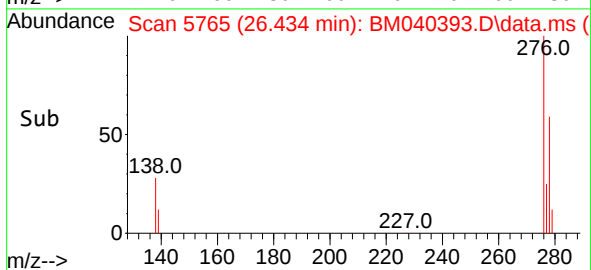
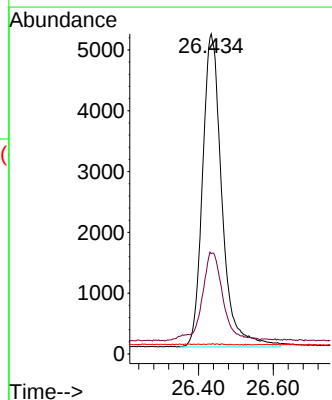
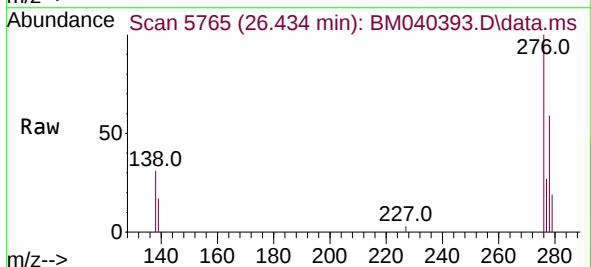
Instrument :
BNA_M
ClientSampleId :
SLCS416

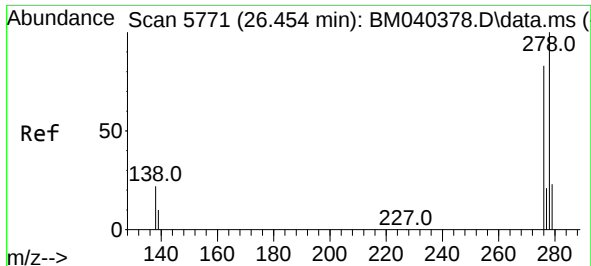
Tgt Ion:252 Resp: 14703
Ion Ratio Lower Upper
252 100
253 32.3 22.9 34.3
125 35.3 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.260 ng/ul
RT: 26.434 min Scan# 5765
Delta R.T. 0.000 min
Lab File: BM040393.D
Acq: 24 Jun 2023 01:59

Tgt Ion:276 Resp: 18502
Ion Ratio Lower Upper
276 100
138 30.9 24.5 36.7
227 0.1 0.1 0.1#

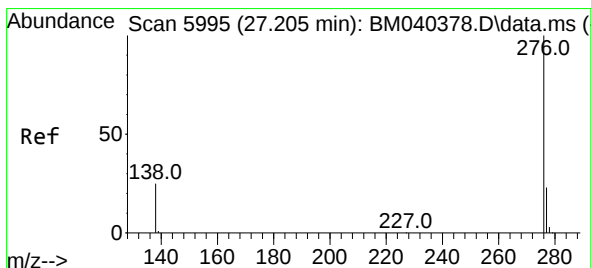
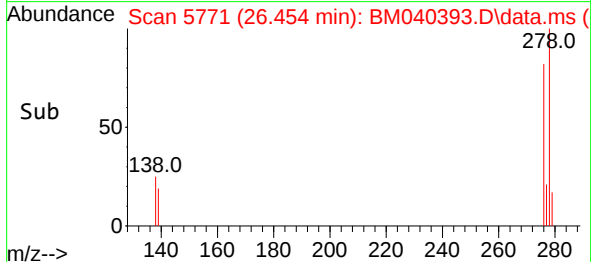
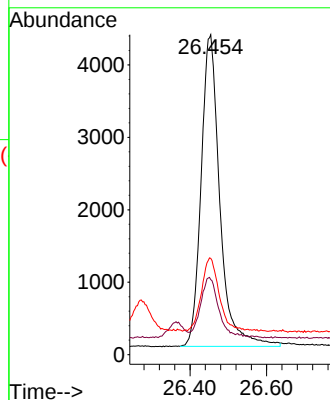
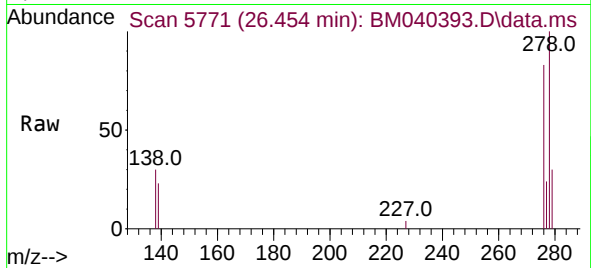




#28
Dibenzo(a,h)anthracene
Concen: 0.263 ng/ul
RT: 26.454 min Scan# 5771
Delta R.T. 0.000 min
Lab File: BM040393.D
Acq: 24 Jun 2023 01:59

Instrument :
BNA_M
ClientSampleId :
SLCS416

Tgt Ion:278 Resp: 14638
Ion Ratio Lower Upper
278 100
139 23.4 17.9 26.9
279 30.1 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.250 ng/ul
RT: 27.205 min Scan# 5995
Delta R.T. 0.000 min
Lab File: BM040393.D
Acq: 24 Jun 2023 01:59

Tgt Ion:276 Resp: 15583
Ion Ratio Lower Upper
276 100
138 29.1 23.0 34.6
277 26.4 20.3 30.5

