

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101023\
 Data File : BM042259.D
 Acq On : 10 Oct 2023 20:11
 Operator : MA/JU
 Sample : PB156062BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS062

Quant Time: Oct 11 00:47:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 10 14:01:53 2023
 Response via : Initial Calibration

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

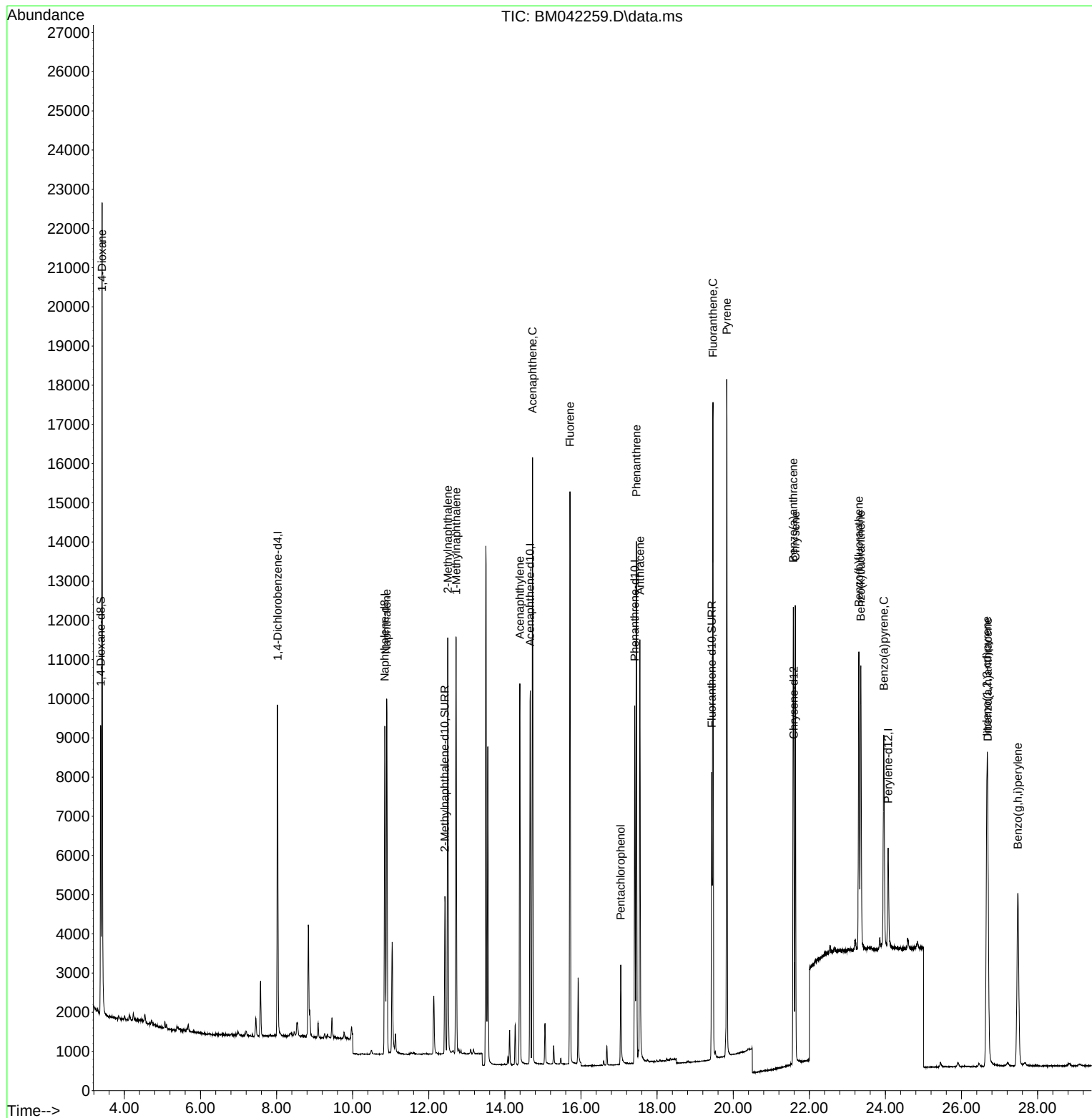
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	4258	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	10816	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	4868	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	9091	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.594	240	3712	0.400	ng/ul	# 0.00
23) Perylene-d12	24.073	264	3608	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	4064	0.717	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	5101	0.344	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	6107	0.438	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.414	88	12082	2.040	ng/ul#	76
5) Naphthalene	10.895	128	12371	0.343	ng/ul	100
7) 2-Methylnaphthalene	12.500	142	7521	0.348	ng/ul	98
8) 1-Methylnaphthalene	12.720	142	7258	0.334	ng/ul	98
10) Acenaphthylene	14.393	152	10839	0.352	ng/ul	100
11) Acenaphthene	14.726	153	8342	0.358	ng/ul	100
12) Fluorene	15.712	166	9114	0.348	ng/ul	97
14) Pentachlorophenol	17.046	266	1863	0.452	ng/ul	99
15) Phenanthrene	17.455	178	13624	0.363	ng/ul	100
16) Anthracene	17.548	178	11685	0.341	ng/ul	100
19) Fluoranthene	19.468	202	13350	0.473	ng/ul	95
20) Pyrene	19.831	202	13521	0.451	ng/ul#	91
21) Benzo(a)anthracene	21.580	228	9490	0.396	ng/ul	100
22) Chrysene	21.632	228	9795	0.420	ng/ul	99
24) Benzo(b)fluoranthene	23.301	252	9598	0.451	ng/ul	96
25) Benzo(k)fluoranthene	23.354	252	9397	0.449	ng/ul	97
26) Benzo(a)pyrene	23.959	252	8290	0.452	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.666	276	11035	0.424	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.689	278	8170	0.417	ng/ul	94
29) Benzo(g,h,i)perylene	27.481	276	9427	0.434	ng/ul	95

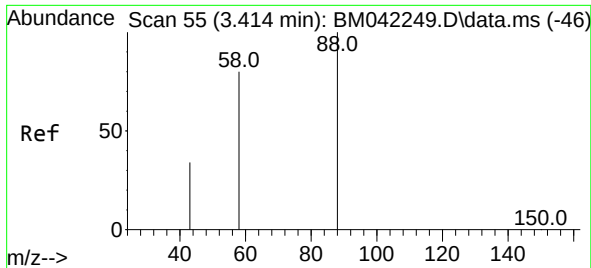
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101023\
Data File : BM042259.D
Acq On : 10 Oct 2023 20:11
Operator : MA/JU
Sample : PB156062BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS062

Quant Time: Oct 11 00:47:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 14:01:53 2023
Response via : Initial Calibration

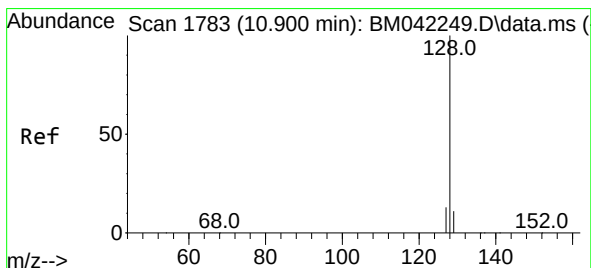
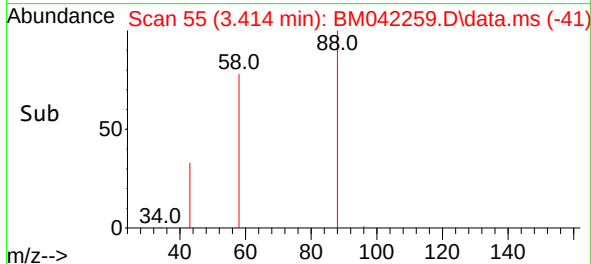
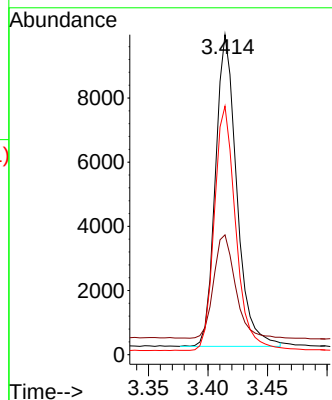
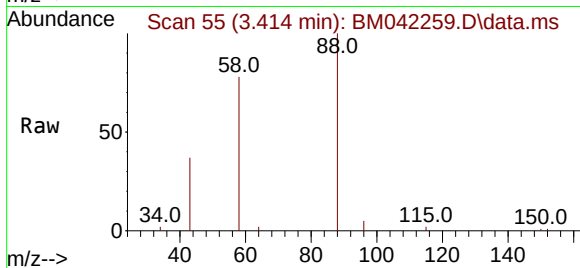




#2
1,4-Dioxane
Concen: 2.040 ng/ul
RT: 3.414 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM042259.D
Acq: 10 Oct 2023 20:11

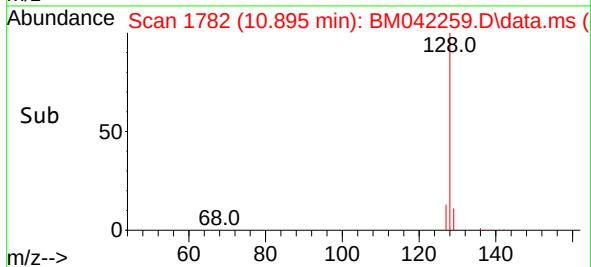
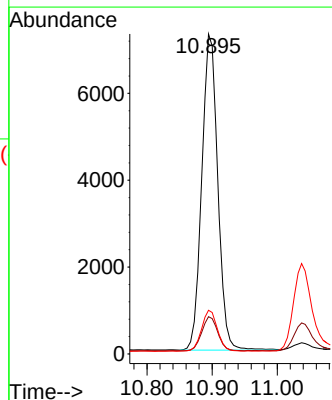
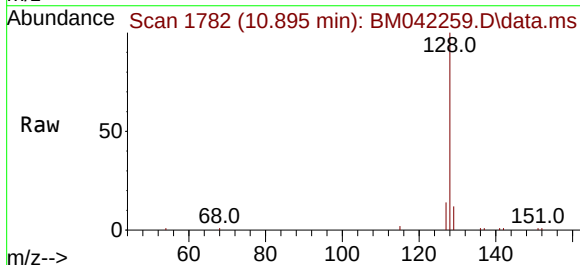
Instrument :
BNA_M
ClientSampleId :
SLCS062

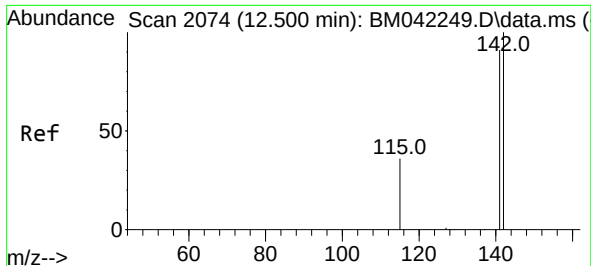
Tgt Ion: 88 Resp: 12082
Ion Ratio Lower Upper
88 100
43 37.5 52.1 78.1#
58 77.6 53.8 80.6



#5
Naphthalene
Concen: 0.343 ng/ul
RT: 10.895 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BM042259.D
Acq: 10 Oct 2023 20:11

Tgt Ion: 128 Resp: 12371
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 13.7 11.0 16.4

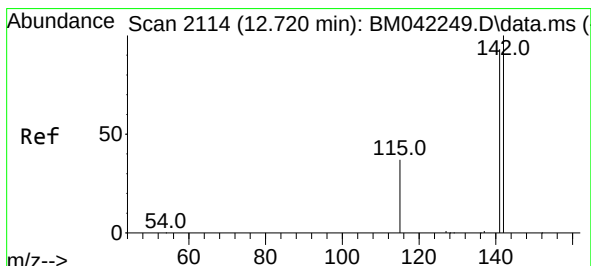
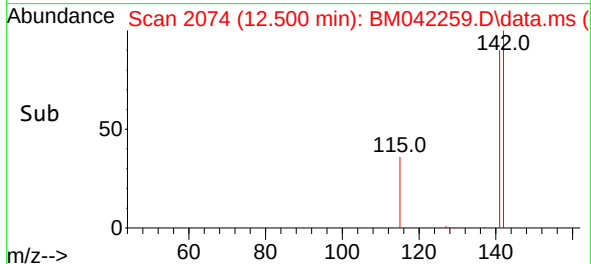
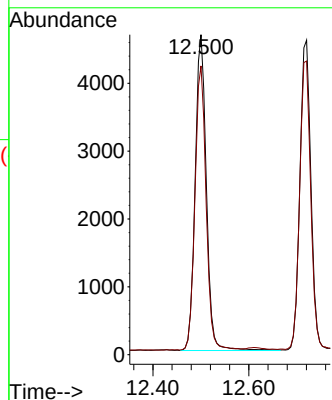
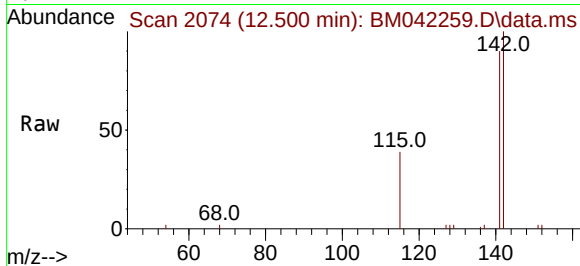




#7
2-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.500 min Scan# 2074
Delta R.T. -0.000 min
Lab File: BM042259.D
Acq: 10 Oct 2023 20:11

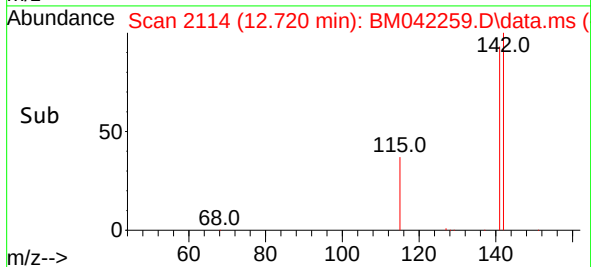
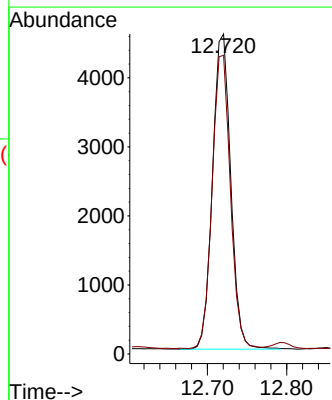
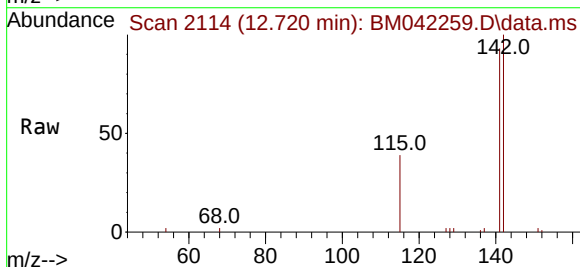
Instrument :
BNA_M
ClientSampleId :
SLCS062

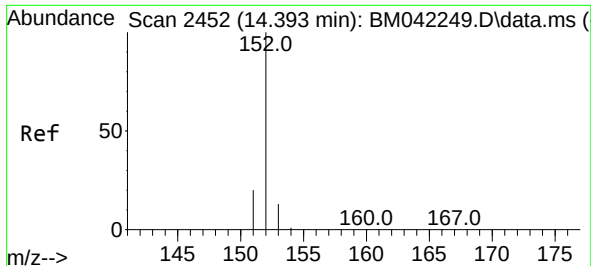
Tgt Ion:142 Resp: 7521
Ion Ratio Lower Upper
142 100
141 89.6 70.2 105.4



#8
1-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.720 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BM042259.D
Acq: 10 Oct 2023 20:11

Tgt Ion:142 Resp: 7258
Ion Ratio Lower Upper
142 100
141 93.6 73.5 110.3

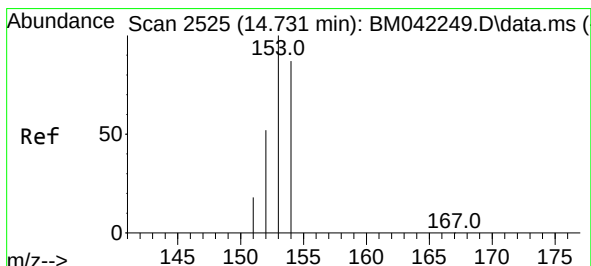
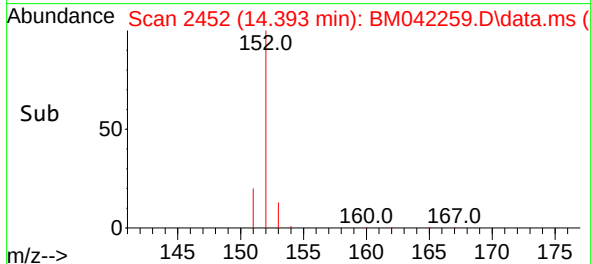
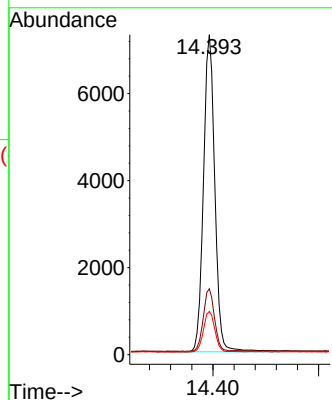
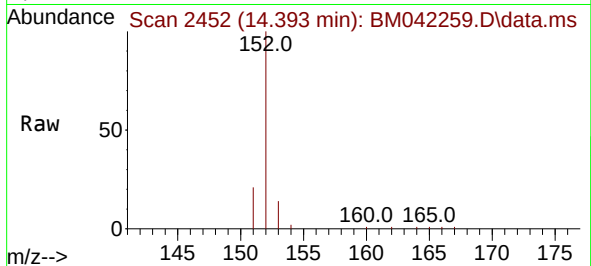




#10
Acenaphthylene
Concen: 0.352 ng/ul
RT: 14.393 min Scan# 2452
Delta R.T. -0.000 min
Lab File: BM042259.D
Acq: 10 Oct 2023 20:11

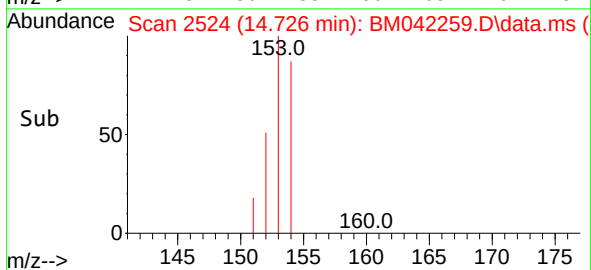
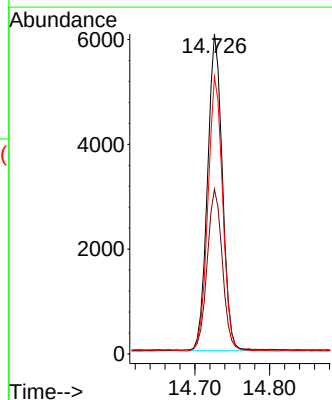
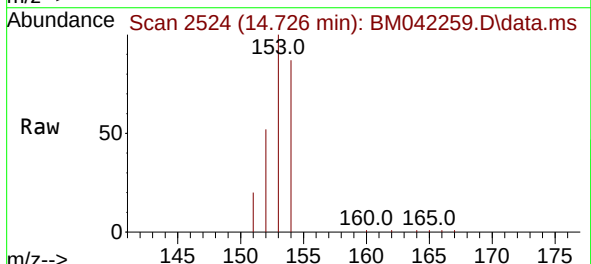
Instrument :
BNA_M
ClientSampleId :
SLCS062

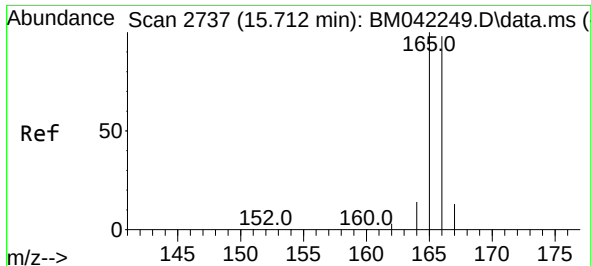
Tgt Ion:	152	Resp:	10839
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.4	24.6
153	13.5	10.9	16.3



#11
Acenaphthene
Concen: 0.358 ng/ul
RT: 14.726 min Scan# 2524
Delta R.T. -0.005 min
Lab File: BM042259.D
Acq: 10 Oct 2023 20:11

Tgt Ion:	153	Resp:	8342
Ion Ratio	Lower	Upper	
153	100		
152	51.5	41.1	61.7
154	86.7	69.5	104.3

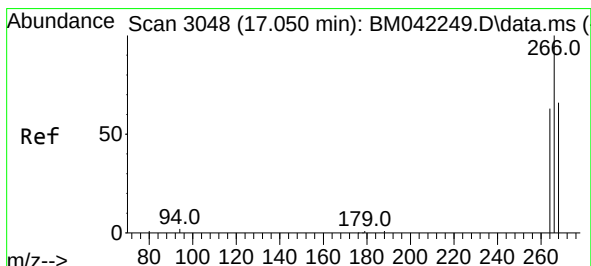
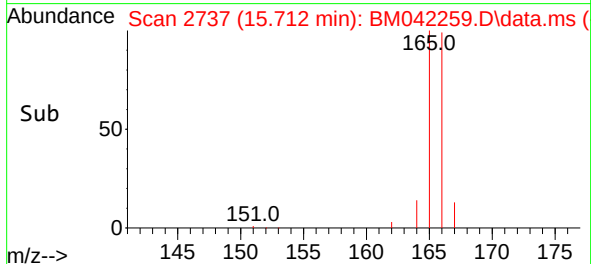
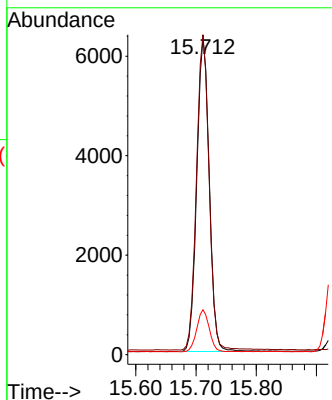
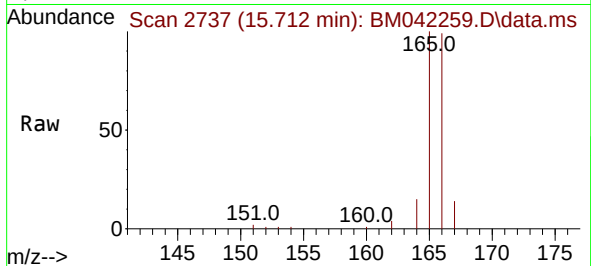




#12
 Fluorene
 Concen: 0.348 ng/ul
 RT: 15.712 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM042259.D
 Acq: 10 Oct 2023 20:11

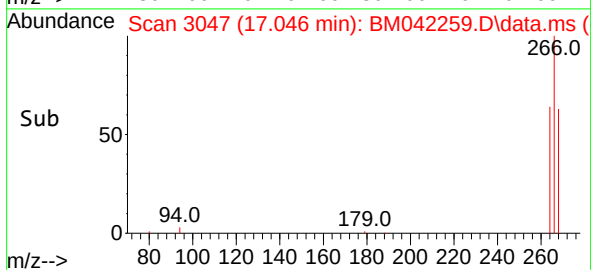
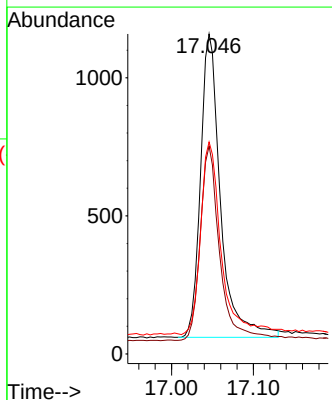
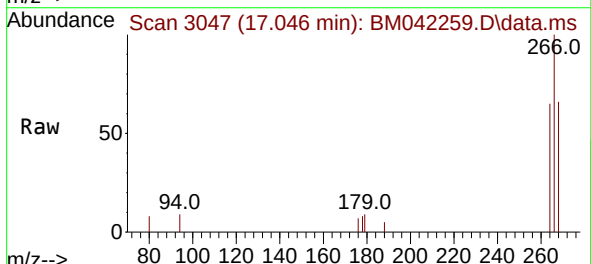
Instrument :
 BNA_M
 ClientSampleId :
 SLCS062

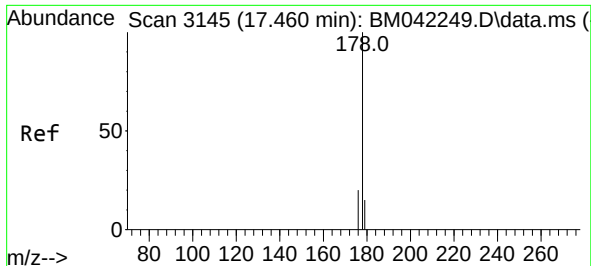
Tgt Ion:166 Resp: 9114
 Ion Ratio Lower Upper
 166 100
 165 101.1 78.4 117.6
 167 14.2 11.5 17.3



#14
 Pentachlorophenol
 Concen: 0.452 ng/ul
 RT: 17.046 min Scan# 3047
 Delta R.T. -0.004 min
 Lab File: BM042259.D
 Acq: 10 Oct 2023 20:11

Tgt Ion:266 Resp: 1863
 Ion Ratio Lower Upper
 266 100
 264 62.5 51.1 76.7
 268 65.3 52.1 78.1

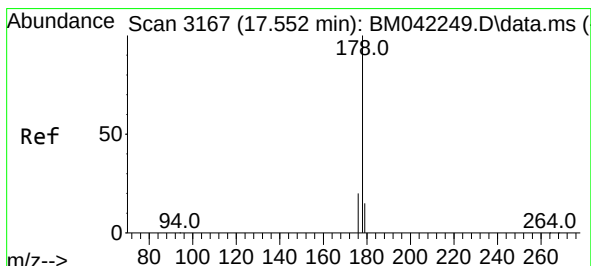
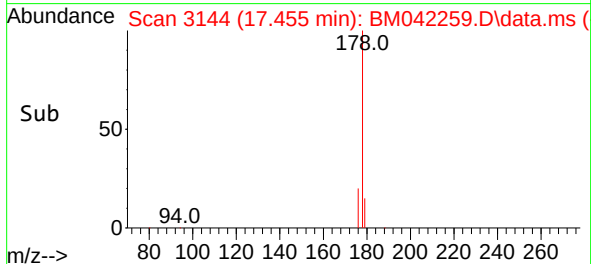
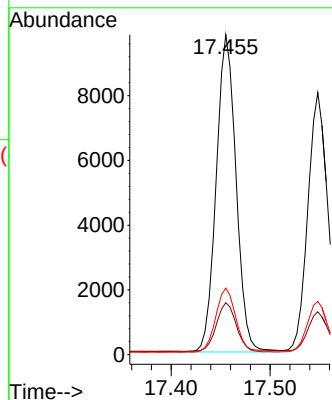
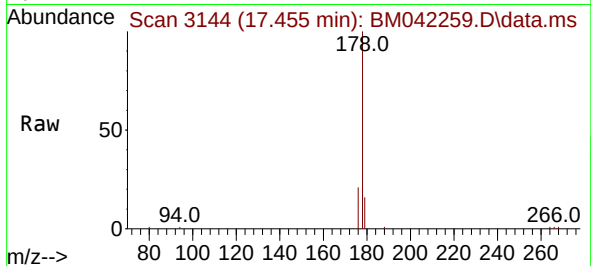




#15
Phenanthrene
Concen: 0.363 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM042259.D
Acq: 10 Oct 2023 20:11

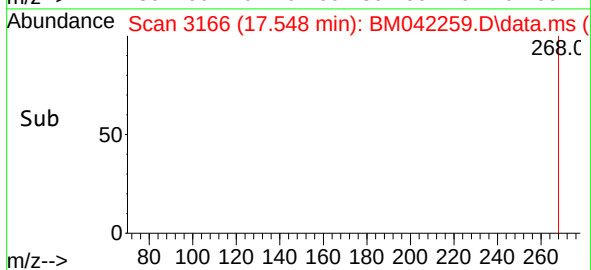
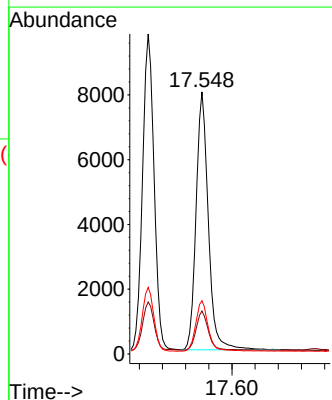
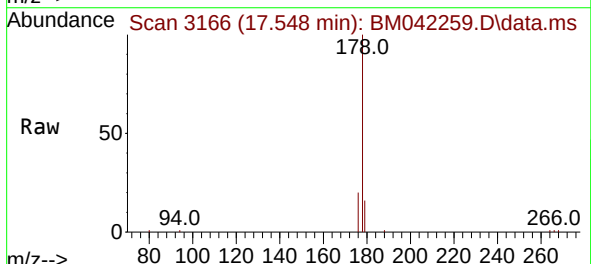
Instrument :
BNA_M
ClientSampleId :
SLCS062

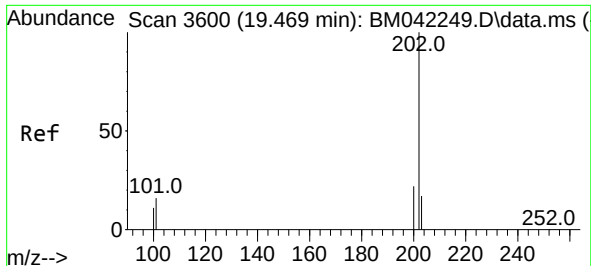
Tgt Ion:178 Resp: 13624
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.4
176 20.8 16.8 25.2



#16
Anthracene
Concen: 0.341 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. -0.004 min
Lab File: BM042259.D
Acq: 10 Oct 2023 20:11

Tgt Ion:178 Resp: 11685
Ion Ratio Lower Upper
178 100
179 16.4 12.9 19.3
176 20.4 16.3 24.5

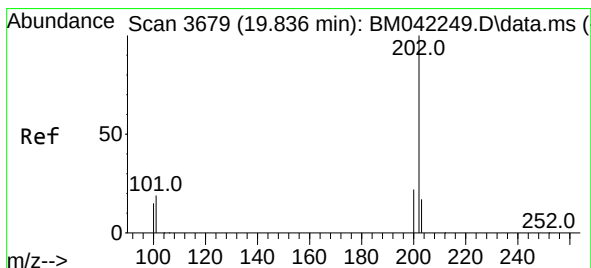
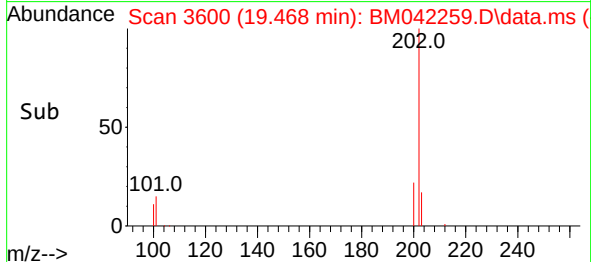
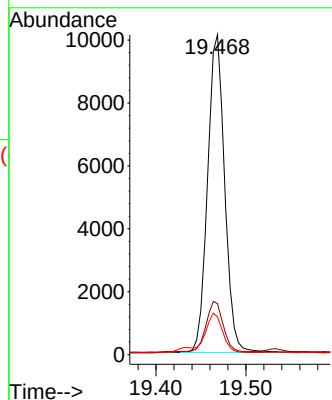
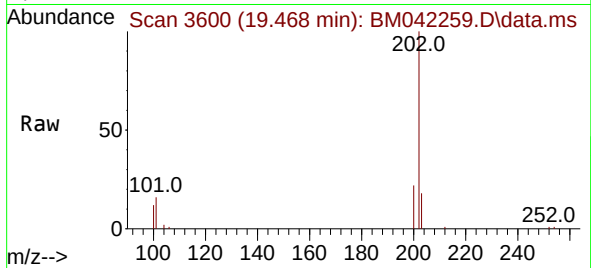




#19
Fluoranthene
Concen: 0.473 ng/ul
RT: 19.468 min Scan# 3600
Delta R.T. -0.000 min
Lab File: BM042259.D
Acq: 10 Oct 2023 20:11

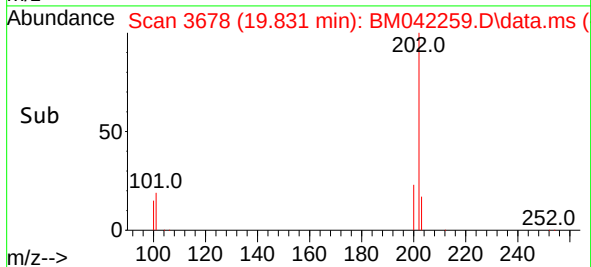
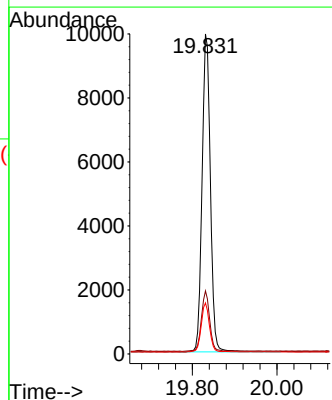
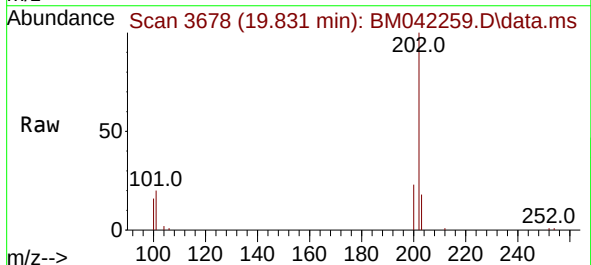
Instrument :
BNA_M
ClientSampleId :
SLCS062

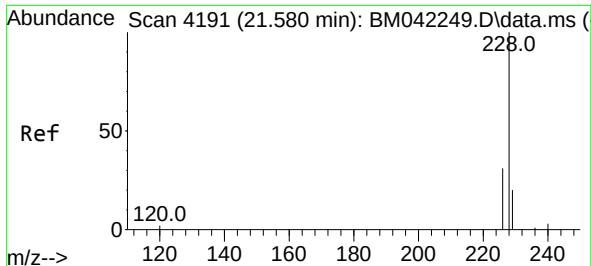
Tgt Ion:202 Resp: 13350
Ion Ratio Lower Upper
202 100
101 15.9 11.1 16.7
100 11.8 8.2 12.2



#20
Pyrene
Concen: 0.451 ng/ul
RT: 19.831 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM042259.D
Acq: 10 Oct 2023 20:11

Tgt Ion:202 Resp: 13521
Ion Ratio Lower Upper
202 100
101 19.7 12.7 19.1#
100 16.0 9.9 14.9#

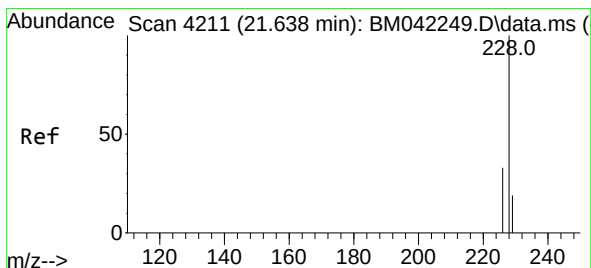
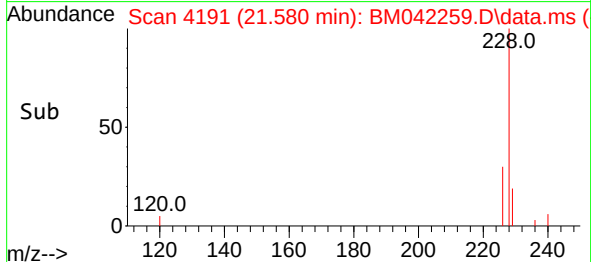
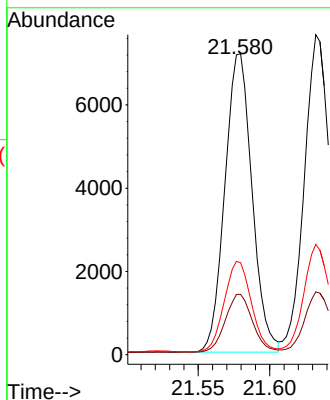
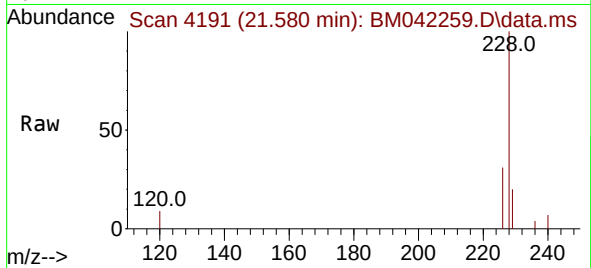




#21
Benzo(a)anthracene
Concen: 0.396 ng/ul
RT: 21.580 min Scan# 4191
Delta R.T. -0.000 min
Lab File: BM042259.D
Acq: 10 Oct 2023 20:11

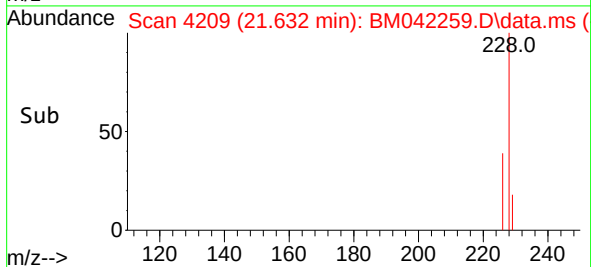
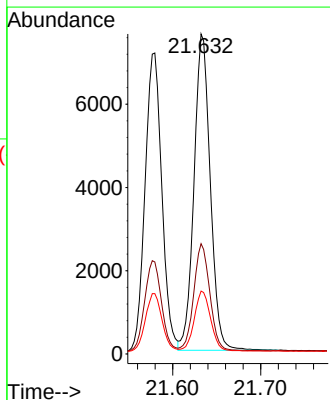
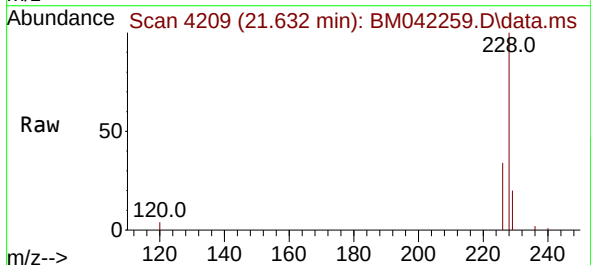
Instrument :
BNA_M
ClientSampleId :
SLCS062

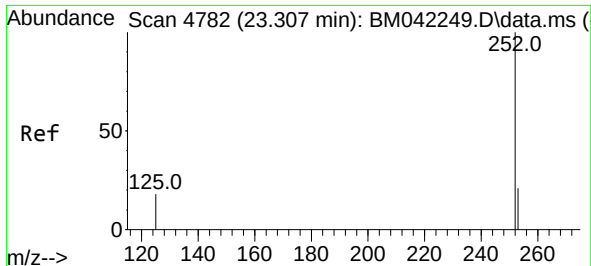
Tgt Ion:228 Resp: 9490
Ion Ratio Lower Upper
228 100
229 20.1 15.8 23.8
226 30.6 24.6 37.0



#22
Chrysene
Concen: 0.420 ng/ul
RT: 21.632 min Scan# 4209
Delta R.T. -0.006 min
Lab File: BM042259.D
Acq: 10 Oct 2023 20:11

Tgt Ion:228 Resp: 9795
Ion Ratio Lower Upper
228 100
226 34.5 26.7 40.1
229 19.6 15.8 23.8

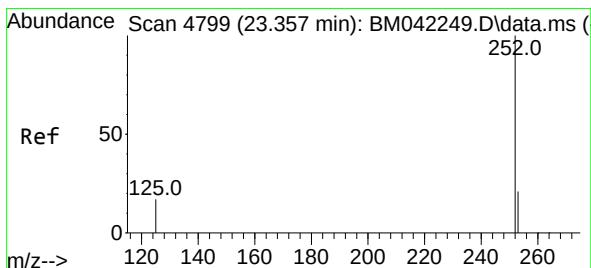
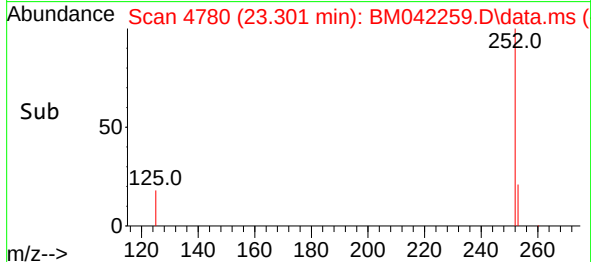
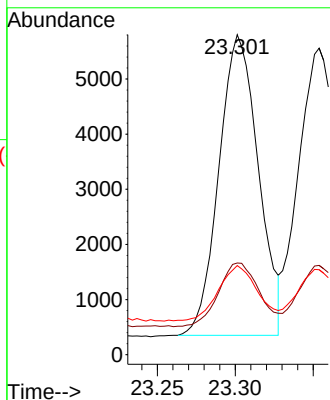
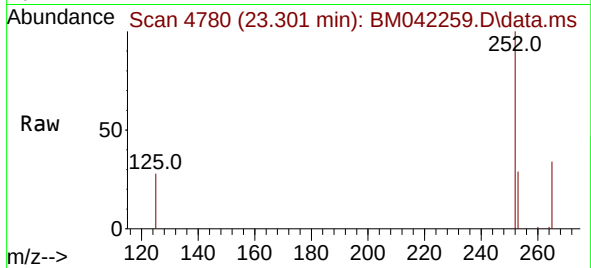




#24
Benzo(b)fluoranthene
Concen: 0.451 ng/ul
RT: 23.301 min Scan# 4780
Delta R.T. -0.006 min
Lab File: BM042259.D
Acq: 10 Oct 2023 20:11

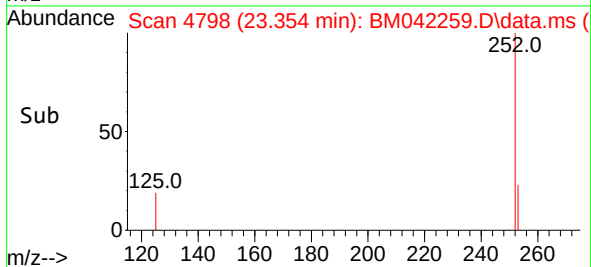
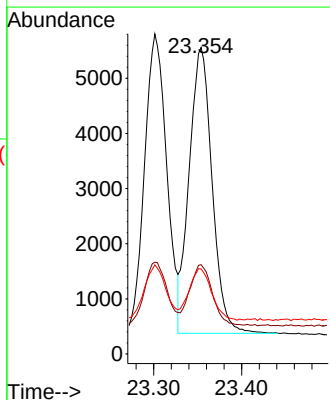
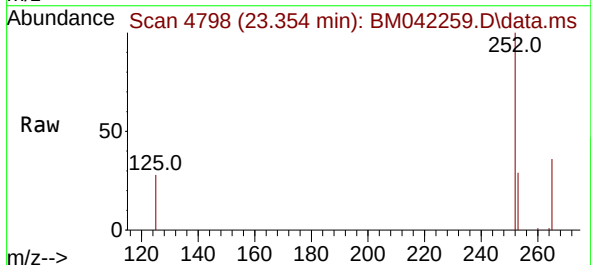
Instrument :
BNA_M
ClientSampleId :
SLCS062

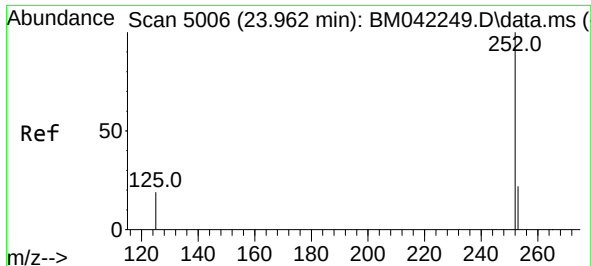
Tgt Ion:252 Resp: 9598
Ion Ratio Lower Upper
252 100
253 28.6 0.0 59.0
125 27.8 0.0 49.6



#25
Benzo(k)fluoranthene
Concen: 0.449 ng/ul
RT: 23.354 min Scan# 4798
Delta R.T. -0.003 min
Lab File: BM042259.D
Acq: 10 Oct 2023 20:11

Tgt Ion:252 Resp: 9397
Ion Ratio Lower Upper
252 100
253 29.1 23.4 35.0
125 27.7 19.9 29.9

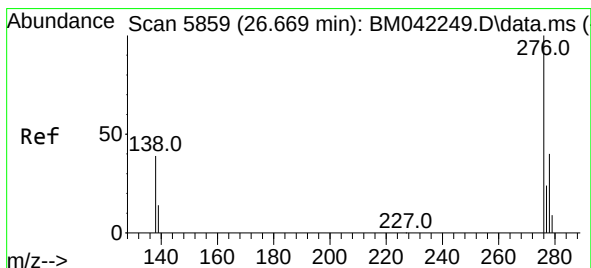
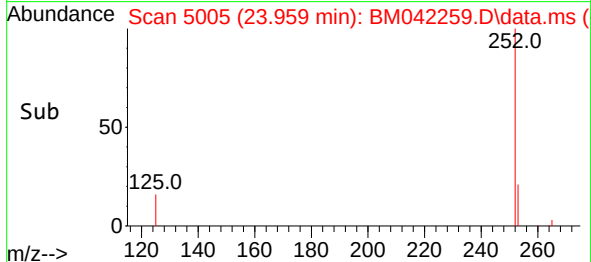
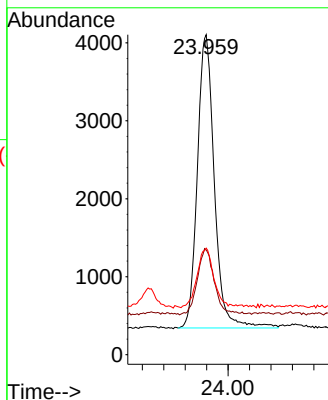
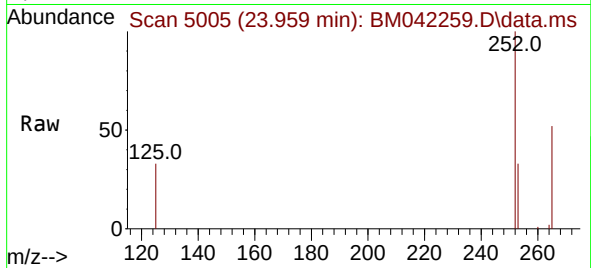




#26
Benzo(a)pyrene
Concen: 0.452 ng/ul
RT: 23.959 min Scan# 5005
Delta R.T. -0.003 min
Lab File: BM042259.D
Acq: 10 Oct 2023 20:11

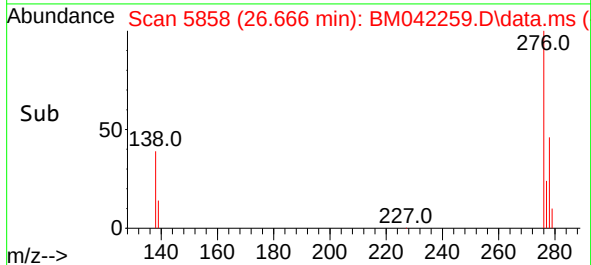
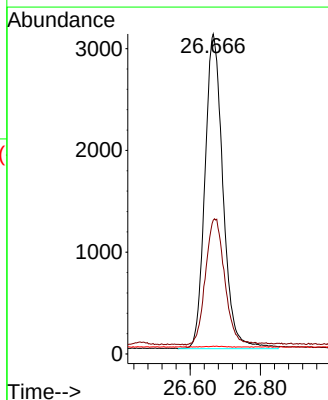
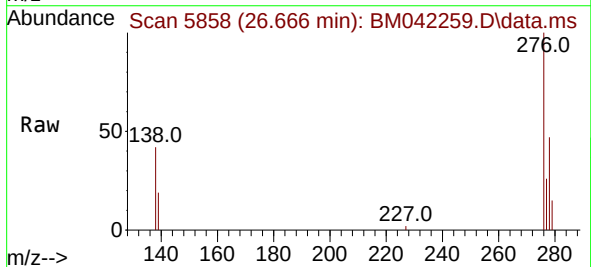
Instrument :
BNA_M
ClientSampleId :
SLCS062

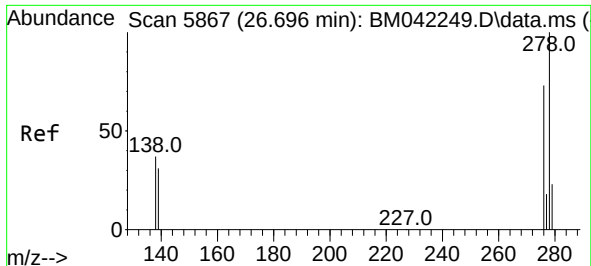
Tgt Ion:252 Resp: 8290
Ion Ratio Lower Upper
252 100
253 32.7 25.3 37.9
125 33.3 23.2 34.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.424 ng/ul
RT: 26.666 min Scan# 5858
Delta R.T. -0.003 min
Lab File: BM042259.D
Acq: 10 Oct 2023 20:11

Tgt Ion:276 Resp: 11035
Ion Ratio Lower Upper
276 100
138 42.7 26.7 40.1#
227 0.1 0.2 0.2#

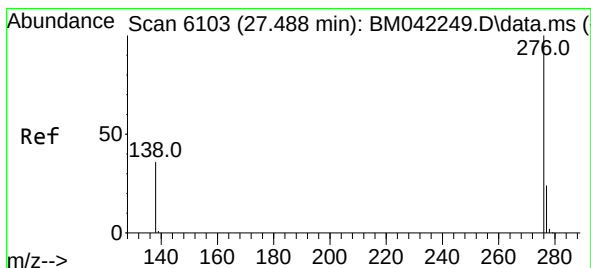
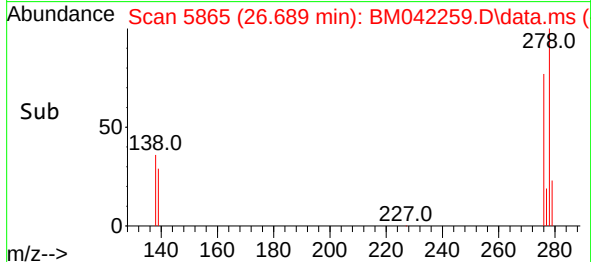
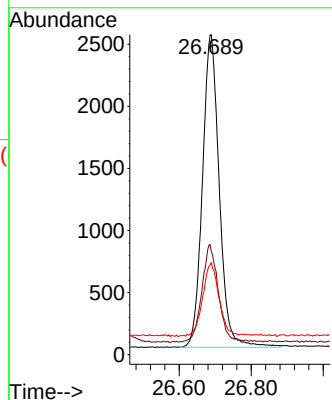
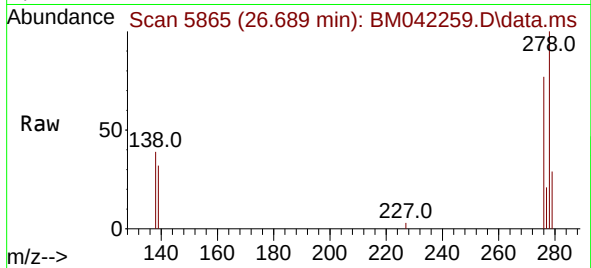




#28
Dibenzo(a,h)anthracene
Concen: 0.417 ng/ul
RT: 26.689 min Scan# 5865
Delta R.T. -0.007 min
Lab File: BM042259.D
Acq: 10 Oct 2023 20:11

Instrument :
BNA_M
ClientSampleId :
SLCS062

Tgt Ion:278 Resp: 8170
Ion Ratio Lower Upper
278 100
139 32.3 21.7 32.5
279 28.8 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 0.434 ng/ul
RT: 27.481 min Scan# 6101
Delta R.T. -0.007 min
Lab File: BM042259.D
Acq: 10 Oct 2023 20:11

Tgt Ion:276 Resp: 9427
Ion Ratio Lower Upper
276 100
138 38.2 26.8 40.2
277 24.9 20.1 30.1

