

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101023\
 Data File : BM042255.D
 Acq On : 10 Oct 2023 17:45
 Operator : MA/JU
 Sample : PB156201BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS201

Quant Time: Oct 10 18:37:18 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

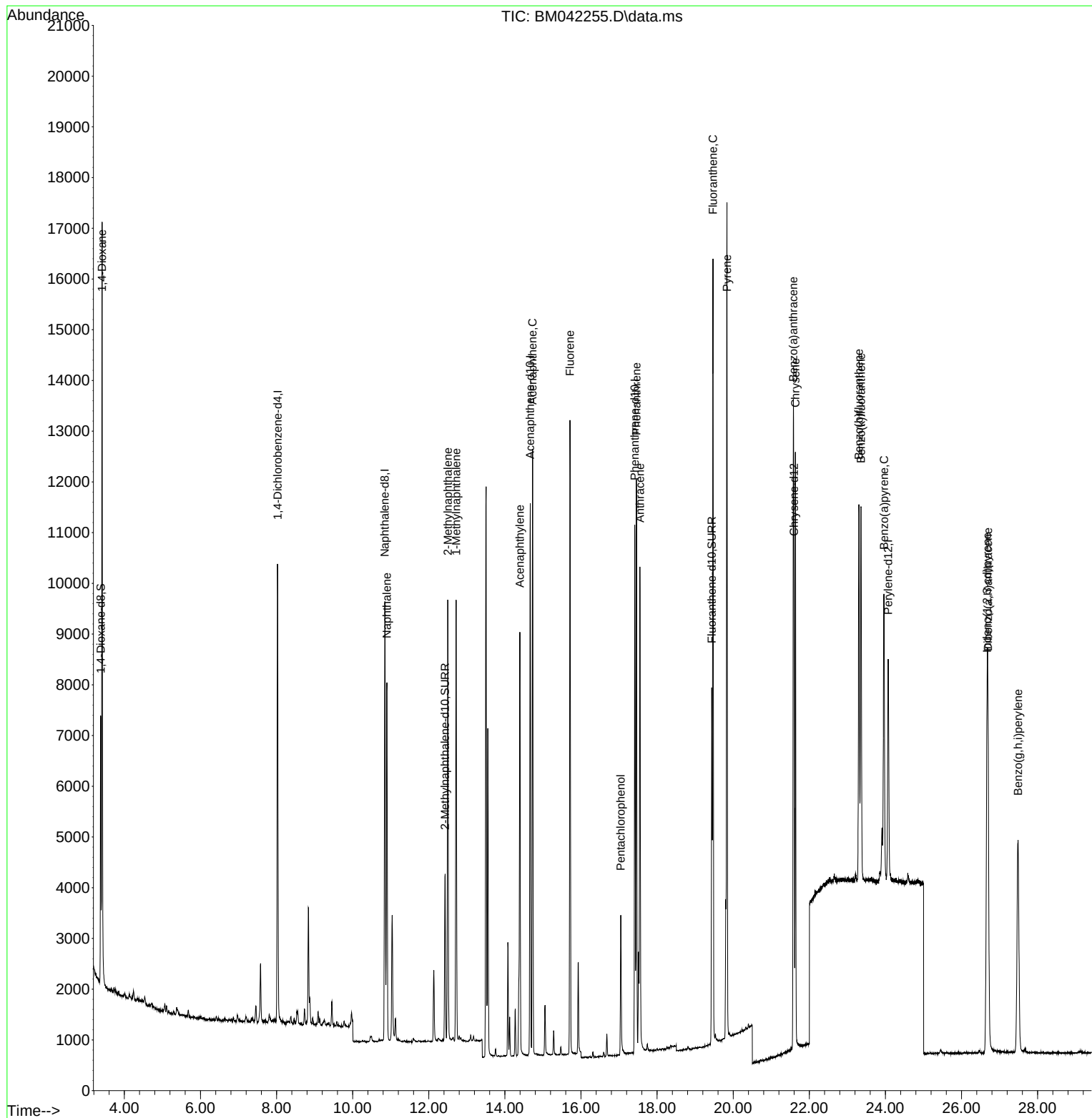
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	4452	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	11194	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	5459	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	10852	0.400	ng/ul	0.00
17) Chrysene-d12	21.597	240	5890	0.400	ng/ul	0.00
23) Perylene-d12	24.073	264	6085	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	2880	0.486	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	4197	0.273	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	6227	0.282	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.414	88	8656	1.398	ng/ul#	78
5) Naphthalene	10.900	128	9509	0.255	ng/ul	100
7) 2-Methylnaphthalene	12.500	142	6014	0.269	ng/ul	99
8) 1-Methylnaphthalene	12.720	142	5837	0.259	ng/ul	100
10) Acenaphthylene	14.393	152	9163	0.266	ng/ul	99
11) Acenaphthene	14.726	153	6756	0.259	ng/ul	100
12) Fluorene	15.712	166	7561	0.257	ng/ul	98
14) Pentachlorophenol	17.046	266	1986	0.404	ng/ul	99
15) Phenanthrene	17.455	178	11712	0.262	ng/ul	100
16) Anthracene	17.548	178	10461	0.256	ng/ul	99
19) Fluoranthene	19.468	202	12311	0.275	ng/ul	98
20) Pyrene	19.836	202	12761	0.268	ng/ul	97
21) Benzo(a)anthracene	21.580	228	9895	0.260	ng/ul	99
22) Chrysene	21.635	228	9800	0.265	ng/ul	99
24) Benzo(b)fluoranthene	23.304	252	10017	0.279	ng/ul	99
25) Benzo(k)fluoranthene	23.360	252	9888	0.280	ng/ul	98
26) Benzo(a)pyrene	23.962	252	8622	0.279	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.669	276	11409	0.260	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.696	278	8667	0.262	ng/ul	96
29) Benzo(g,h,i)perylene	27.484	276	9617	0.263	ng/ul	99

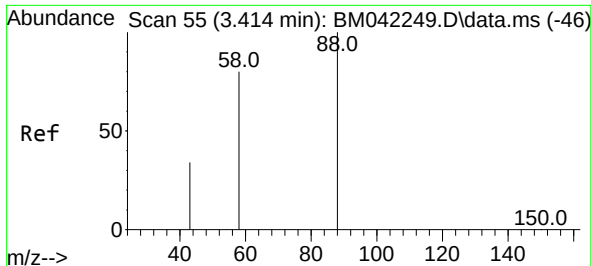
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101023\
Data File : BM042255.D
Acq On : 10 Oct 2023 17:45
Operator : MA/JU
Sample : PB156201BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS201

Quant Time: Oct 10 18:37:18 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

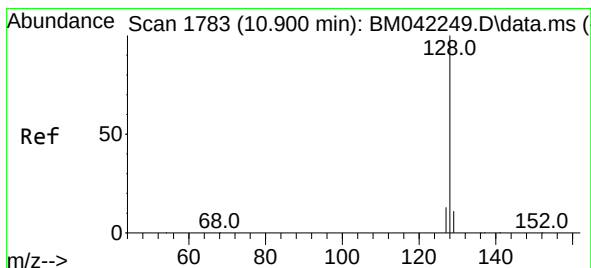
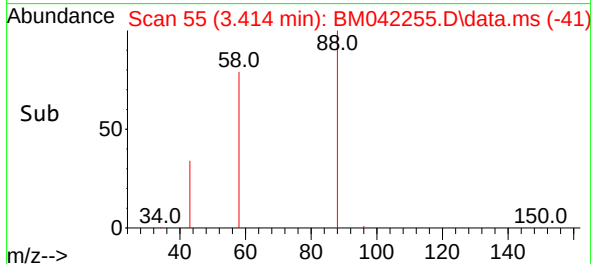
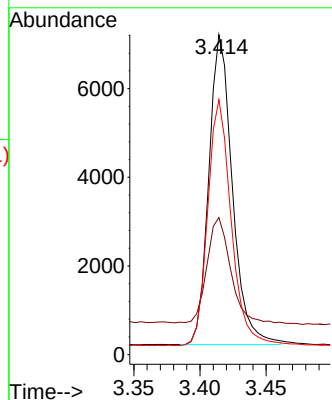
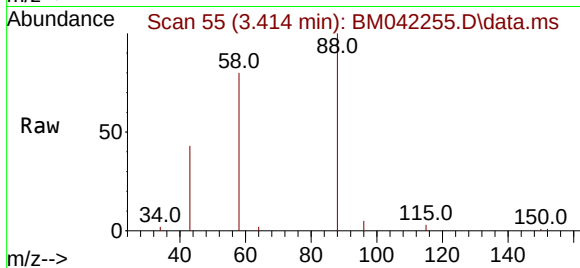




#2
1,4-Dioxane
Concen: 1.398 ng/ul
RT: 3.414 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM042255.D
Acq: 10 Oct 2023 17:45

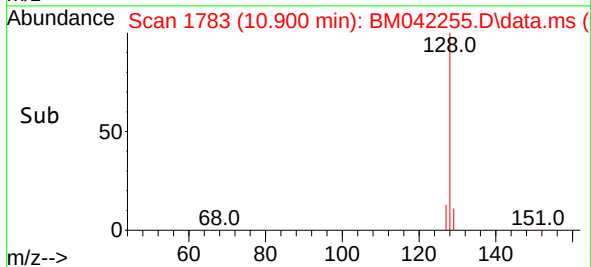
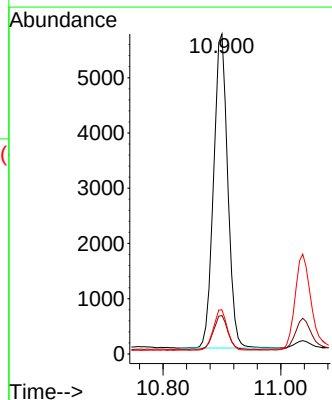
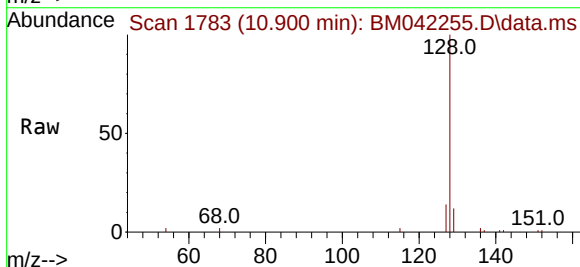
Instrument :
BNA_M
ClientSampleId :
SLCS201

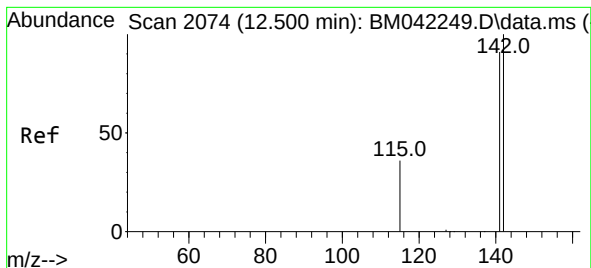
Tgt Ion: 88 Resp: 8656
Ion Ratio Lower Upper
88 100
43 42.8 52.1 78.1#
58 79.7 53.8 80.6



#5
Naphthalene
Concen: 0.255 ng/ul
RT: 10.900 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BM042255.D
Acq: 10 Oct 2023 17:45

Tgt Ion: 128 Resp: 9509
Ion Ratio Lower Upper
128 100
129 12.0 9.4 14.2
127 13.8 11.0 16.4

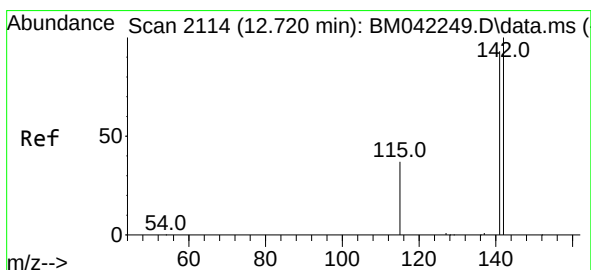
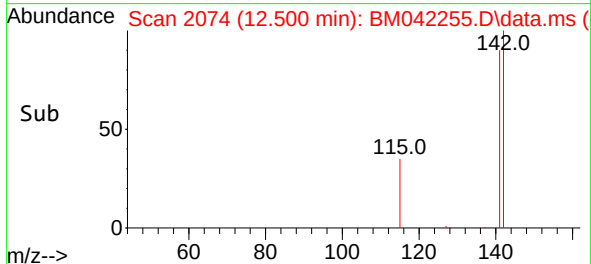
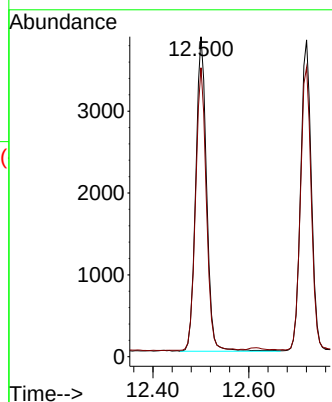
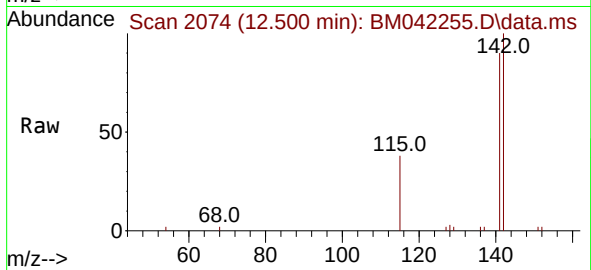




#7
2-Methylnaphthalene
Concen: 0.269 ng/ul
RT: 12.500 min Scan# 2074
Delta R.T. -0.000 min
Lab File: BM042255.D
Acq: 10 Oct 2023 17:45

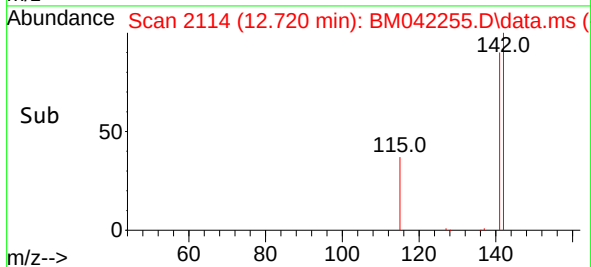
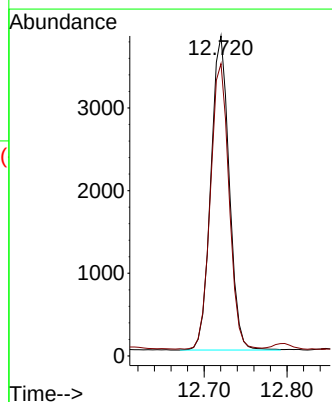
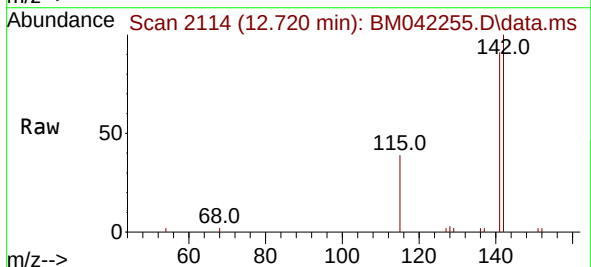
Instrument :
BNA_M
ClientSampleId :
SLCS201

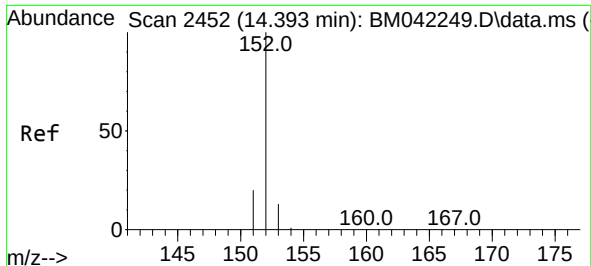
Tgt Ion:142 Resp: 6014
Ion Ratio Lower Upper
142 100
141 88.6 70.2 105.4



#8
1-Methylnaphthalene
Concen: 0.259 ng/ul
RT: 12.720 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BM042255.D
Acq: 10 Oct 2023 17:45

Tgt Ion:142 Resp: 5837
Ion Ratio Lower Upper
142 100
141 91.9 73.5 110.3

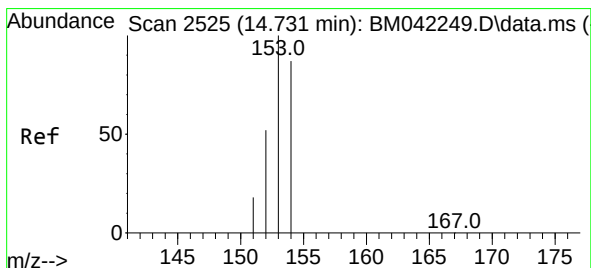
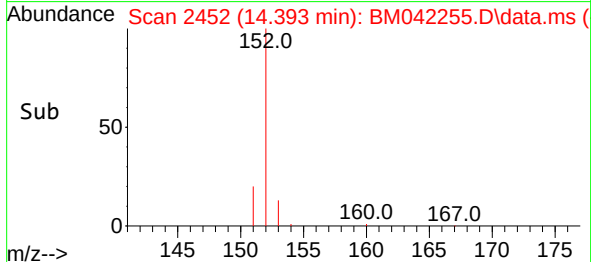
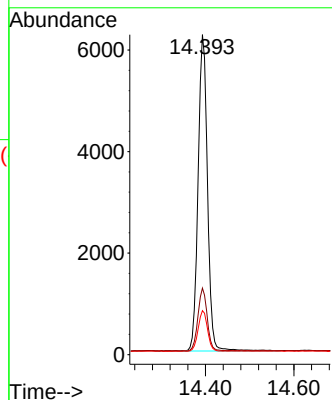
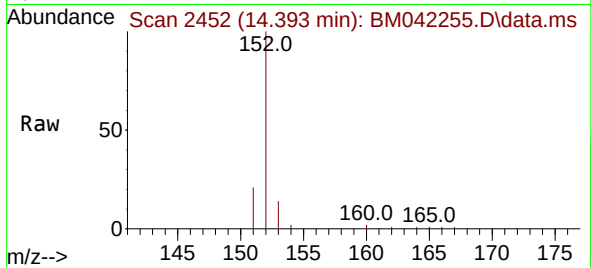




#10
Acenaphthylene
Concen: 0.266 ng/ul
RT: 14.393 min Scan# 2452
Delta R.T. -0.000 min
Lab File: BM042255.D
Acq: 10 Oct 2023 17:45

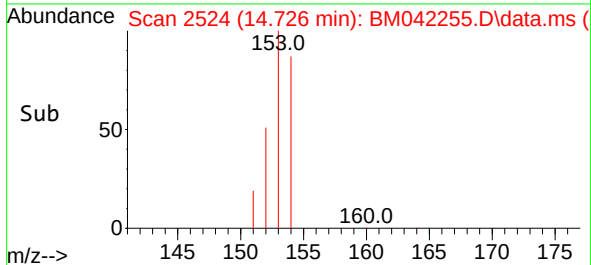
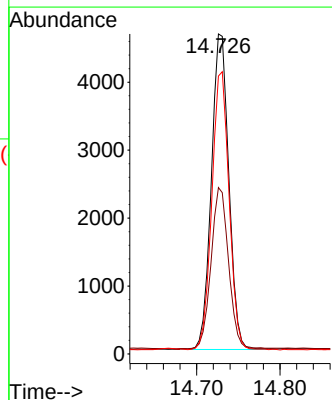
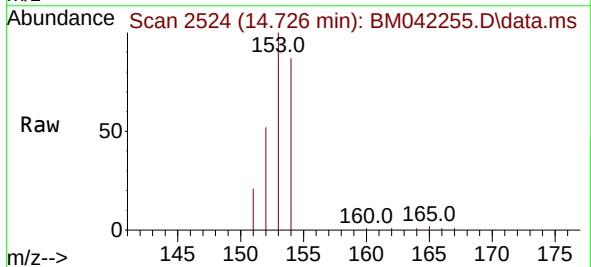
Instrument :
BNA_M
ClientSampleId :
SLCS201

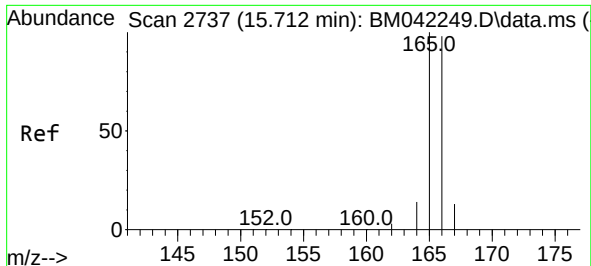
Tgt Ion:152	Resp:	9163
Ion Ratio	Lower	Upper
152	100	
151	20.8	16.4 24.6
153	13.8	10.9 16.3



#11
Acenaphthene
Concen: 0.259 ng/ul
RT: 14.726 min Scan# 2524
Delta R.T. -0.005 min
Lab File: BM042255.D
Acq: 10 Oct 2023 17:45

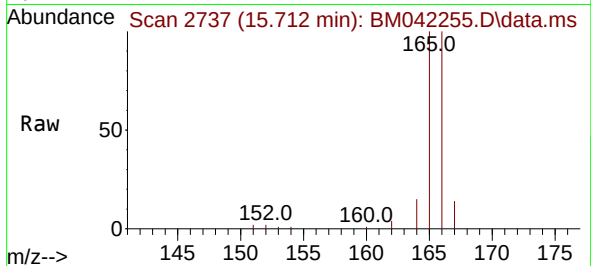
Tgt Ion:153	Resp:	6756
Ion Ratio	Lower	Upper
153	100	
152	52.0	41.1 61.7
154	86.8	69.5 104.3



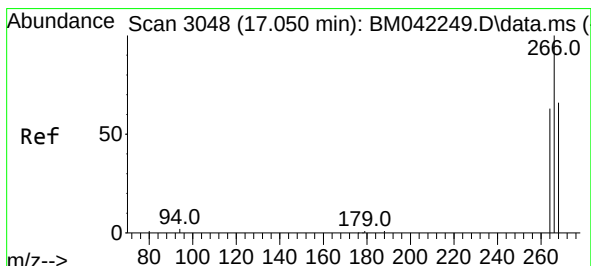
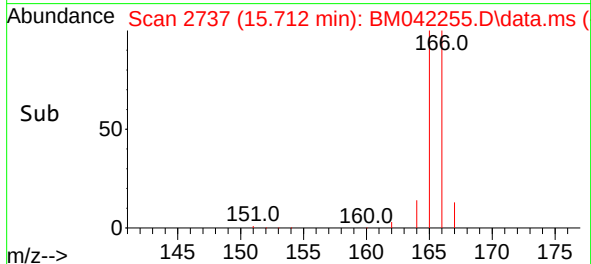
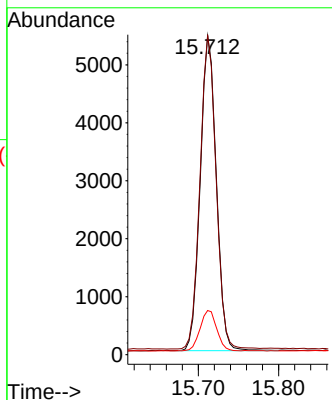


#12
Fluorene
Concen: 0.257 ng/ul
RT: 15.712 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042255.D
Acq: 10 Oct 2023 17:45

Instrument :
BNA_M
ClientSampleId :
SLCS201

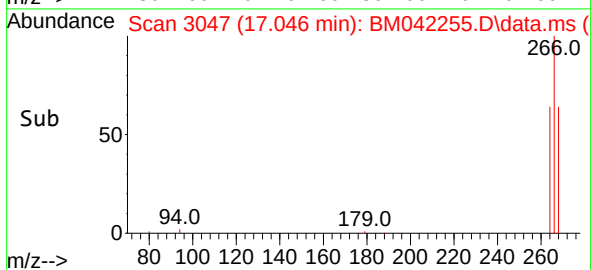
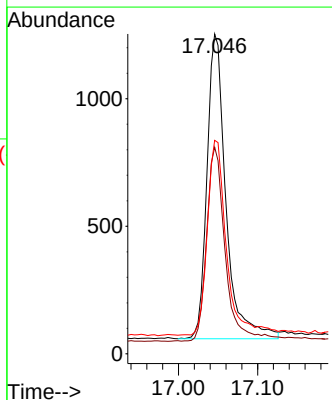
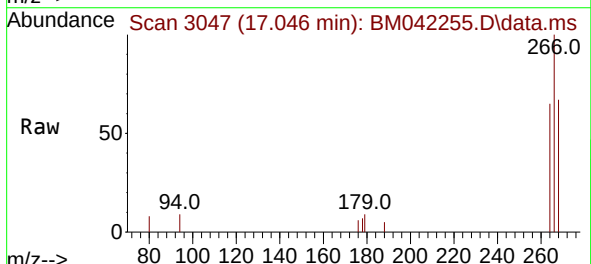


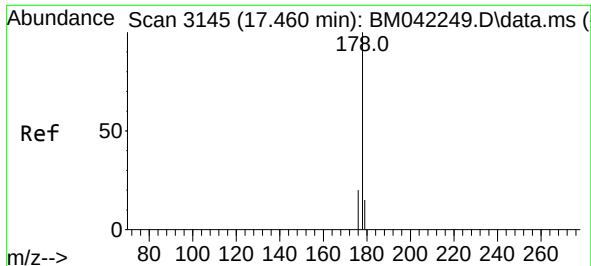
Tgt Ion:	166	Resp:	7561
Ion	Ratio	Lower	Upper
166	100		
165	100.4	78.4	117.6
167	13.9	11.5	17.3



#14
Pentachlorophenol
Concen: 0.404 ng/ul
RT: 17.046 min Scan# 3047
Delta R.T. -0.004 min
Lab File: BM042255.D
Acq: 10 Oct 2023 17:45

Tgt Ion:	266	Resp:	1986
Ion	Ratio	Lower	Upper
266	100		
264	62.5	51.1	76.7
268	64.6	52.1	78.1

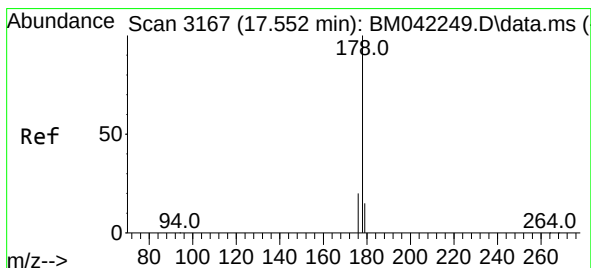
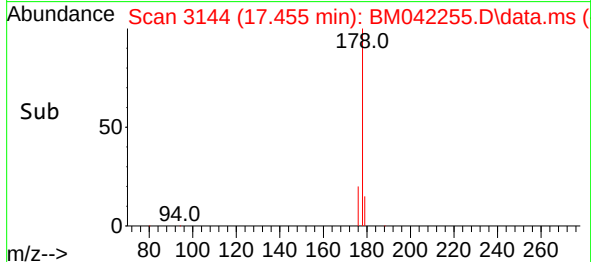
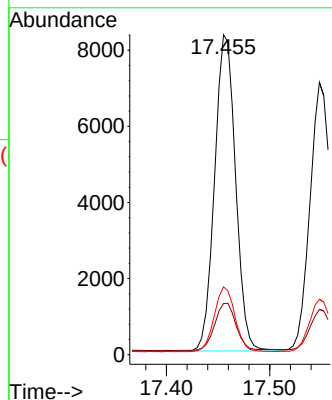
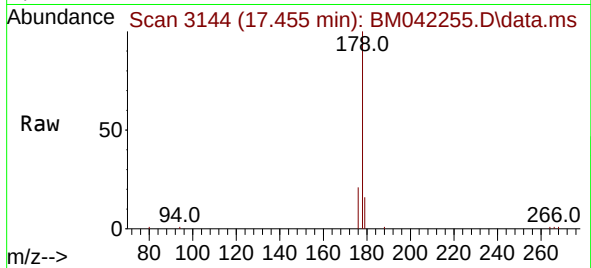




#15
Phenanthrene
Concen: 0.262 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM042255.D
Acq: 10 Oct 2023 17:45

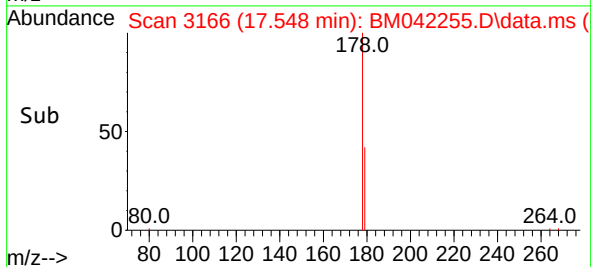
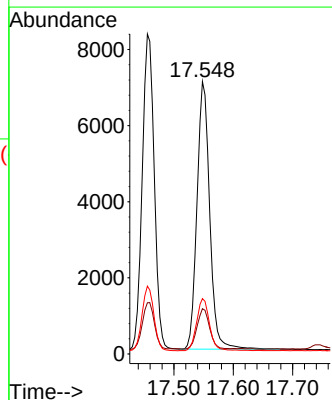
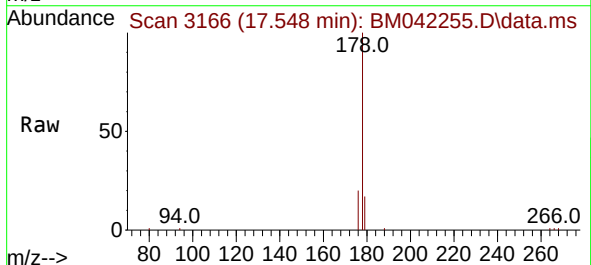
Instrument :
BNA_M
ClientSampleId :
SLCS201

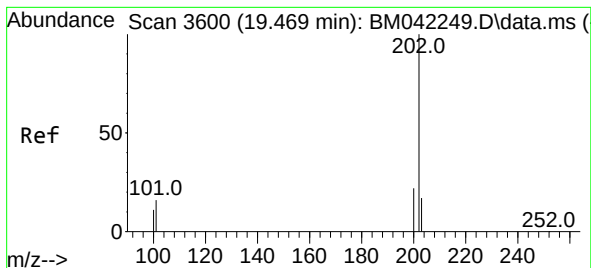
Tgt Ion:178 Resp: 11712
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.4
176 21.2 16.8 25.2



#16
Anthracene
Concen: 0.256 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. -0.004 min
Lab File: BM042255.D
Acq: 10 Oct 2023 17:45

Tgt Ion:178 Resp: 10461
Ion Ratio Lower Upper
178 100
179 16.6 12.9 19.3
176 20.3 16.3 24.5





#19

Fluoranthene

Concen: 0.275 ng/ul

RT: 19.468 min Scan# 3600

Delta R.T. -0.000 min

Lab File: BM042255.D

Acq: 10 Oct 2023 17:45

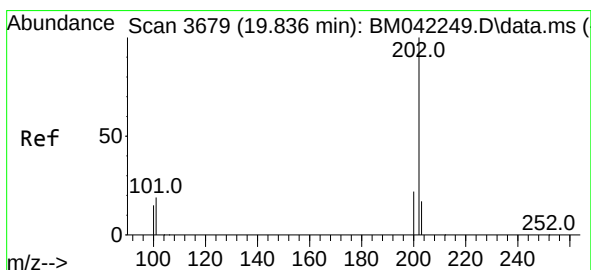
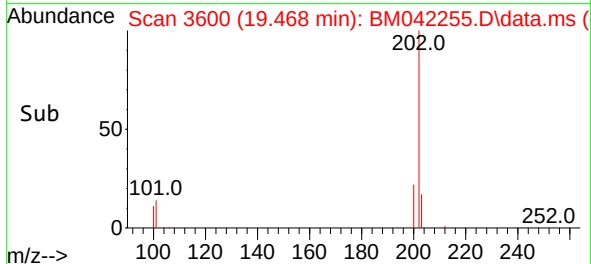
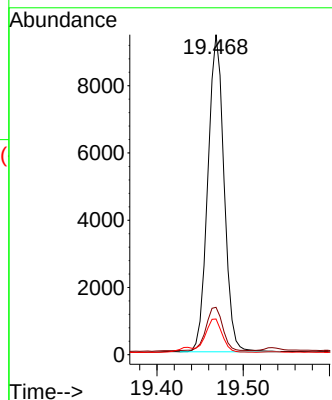
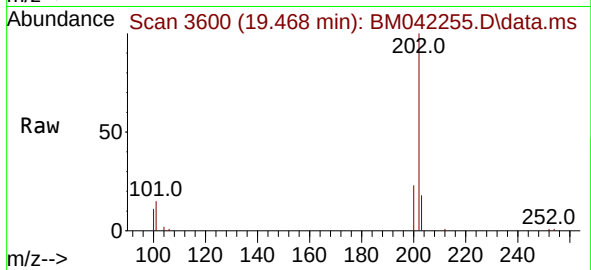
Instrument :

BNA_M

ClientSampleId :

SLCS201

Tgt Ion:	202	Resp:	12311
Ion Ratio	Lower	Upper	
202	100		
101	14.8	11.1	16.7
100	11.1	8.2	12.2



#20

Pyrene

Concen: 0.268 ng/ul

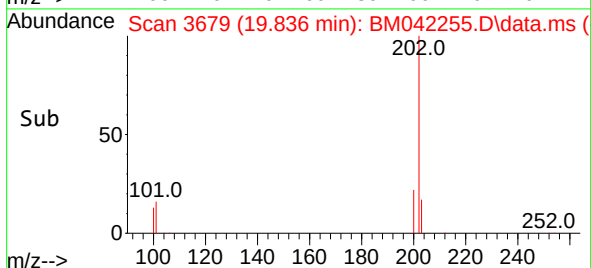
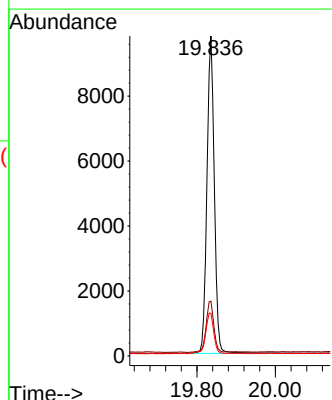
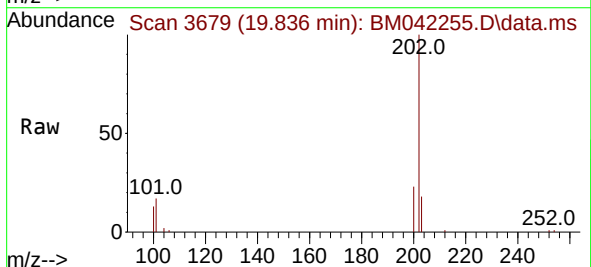
RT: 19.836 min Scan# 3679

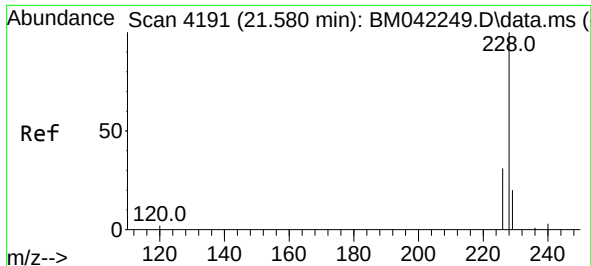
Delta R.T. -0.000 min

Lab File: BM042255.D

Acq: 10 Oct 2023 17:45

Tgt Ion:	202	Resp:	12761
Ion Ratio	Lower	Upper	
202	100		
101	17.1	12.7	19.1
100	13.3	9.9	14.9

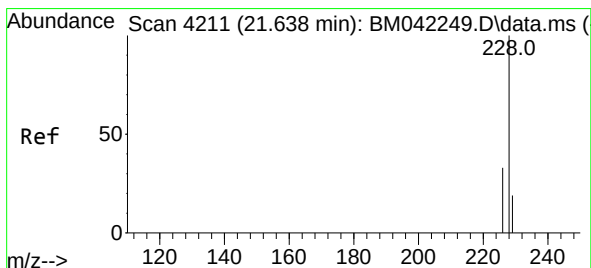
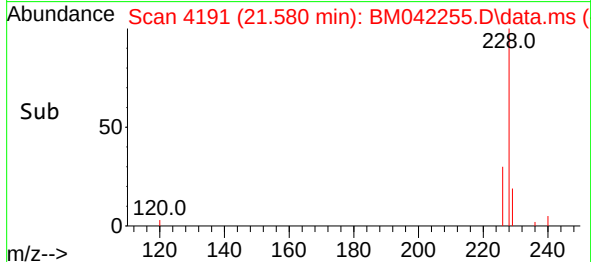
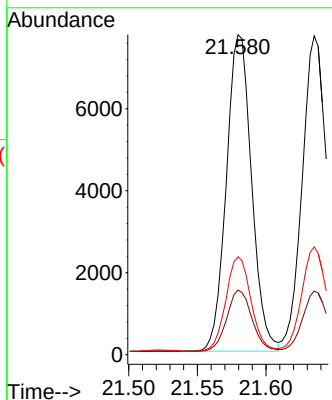
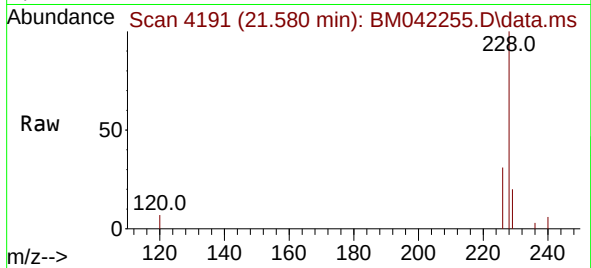




#21
Benzo(a)anthracene
Concen: 0.260 ng/ul
RT: 21.580 min Scan# 4191
Delta R.T. -0.000 min
Lab File: BM042255.D
Acq: 10 Oct 2023 17:45

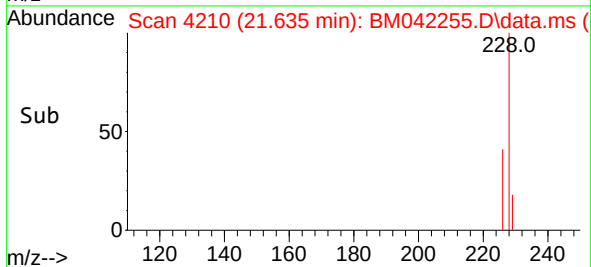
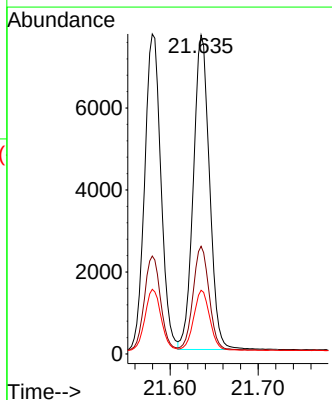
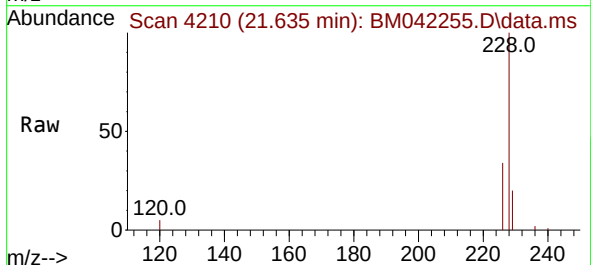
Instrument :
BNA_M
ClientSampleId :
SLCS201

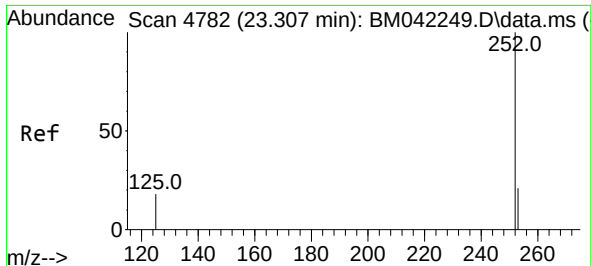
Tgt Ion:	228	Resp:	9895
Ion Ratio	Lower	Upper	
228	100		
229	20.2	15.8	23.8
226	30.6	24.6	37.0



#22
Chrysene
Concen: 0.265 ng/ul
RT: 21.635 min Scan# 4210
Delta R.T. -0.003 min
Lab File: BM042255.D
Acq: 10 Oct 2023 17:45

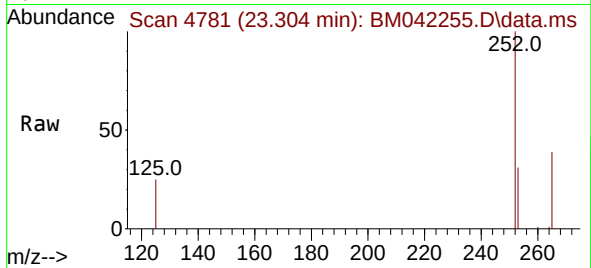
Tgt Ion:	228	Resp:	9800
Ion Ratio	Lower	Upper	
228	100		
226	33.8	26.7	40.1
229	20.0	15.8	23.8



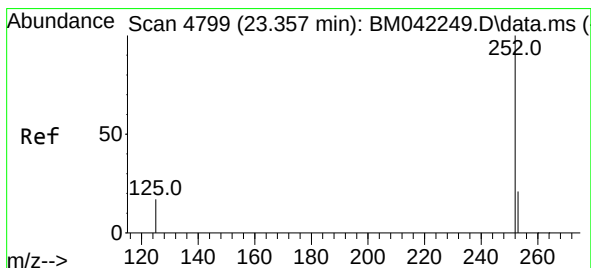
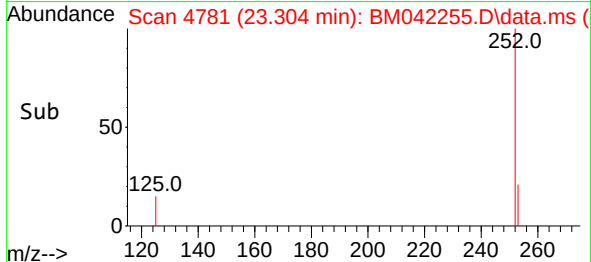
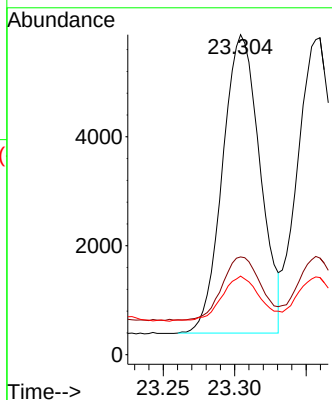


#24
Benzo(b)fluoranthene
Concen: 0.279 ng/ul
RT: 23.304 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM042255.D
Acq: 10 Oct 2023 17:45

Instrument :
BNA_M
ClientSampleId :
SLCS201

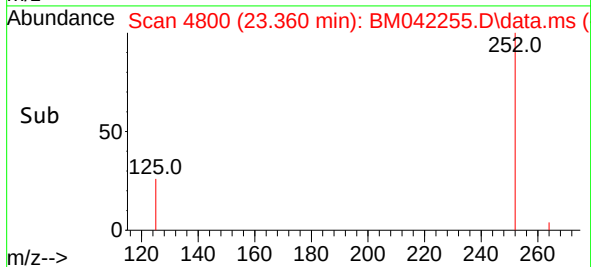
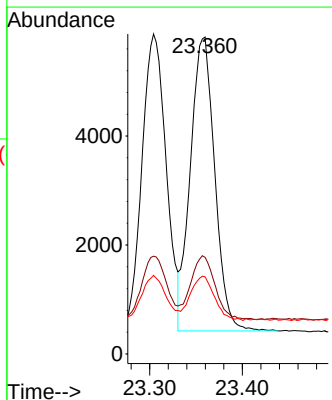
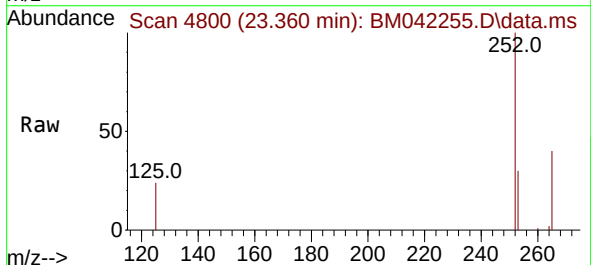


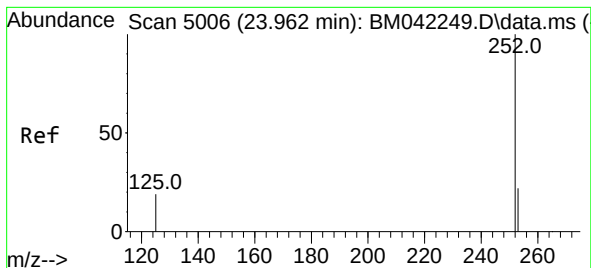
Tgt Ion:252 Resp: 10017
Ion Ratio Lower Upper
252 100
253 30.6 0.0 59.0
125 24.5 0.0 49.6



#25
Benzo(k)fluoranthene
Concen: 0.280 ng/ul
RT: 23.360 min Scan# 4800
Delta R.T. 0.003 min
Lab File: BM042255.D
Acq: 10 Oct 2023 17:45

Tgt Ion:252 Resp: 9888
Ion Ratio Lower Upper
252 100
253 30.5 23.4 35.0
125 24.3 19.9 29.9





#26

Benzo(a)pyrene

Concen: 0.279 ng/ul

RT: 23.962 min Scan# 5006

Delta R.T. -0.000 min

Lab File: BM042255.D

Acq: 10 Oct 2023 17:45

Instrument :

BNA_M

ClientSampleId :

SLCS201

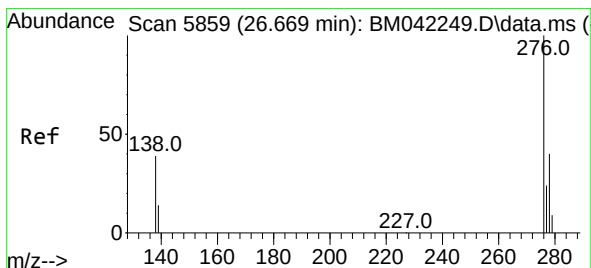
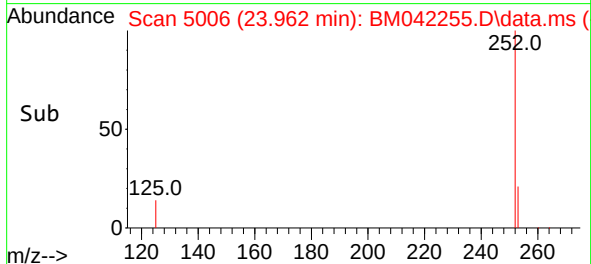
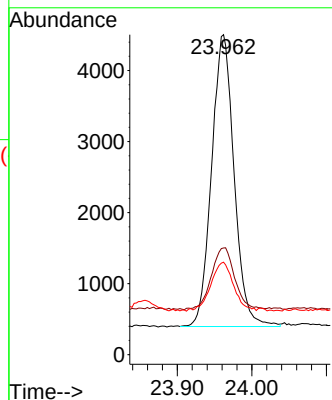
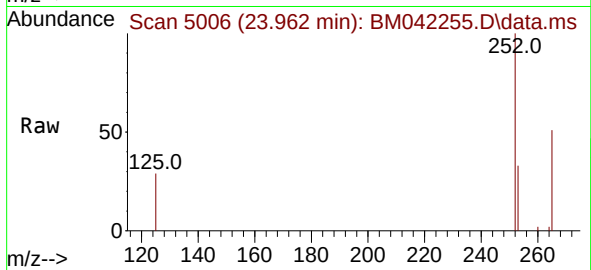
Tgt Ion:252 Resp: 8622

Ion Ratio Lower Upper

252 100

253 33.3 25.3 37.9

125 28.9 23.2 34.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.260 ng/ul

RT: 26.669 min Scan# 5859

Delta R.T. -0.000 min

Lab File: BM042255.D

Acq: 10 Oct 2023 17:45

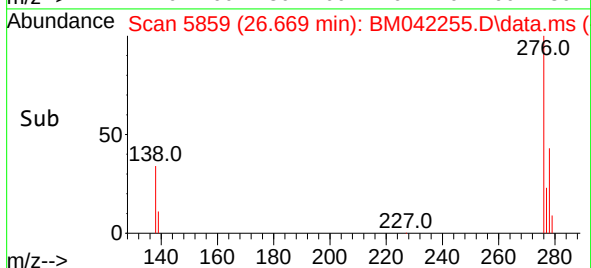
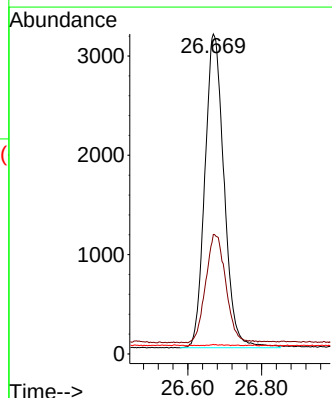
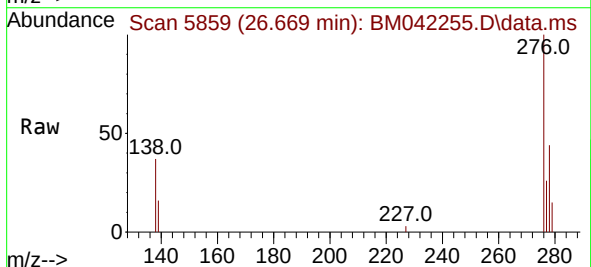
Tgt Ion:276 Resp: 11409

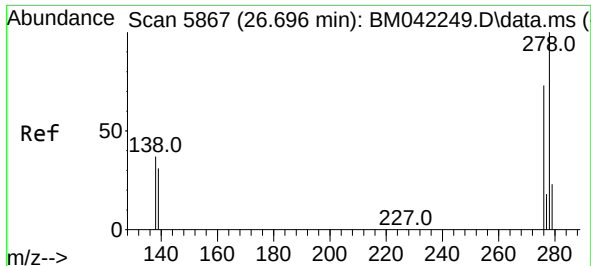
Ion Ratio Lower Upper

276 100

138 36.1 26.7 40.1

227 0.1 0.2 0.2#

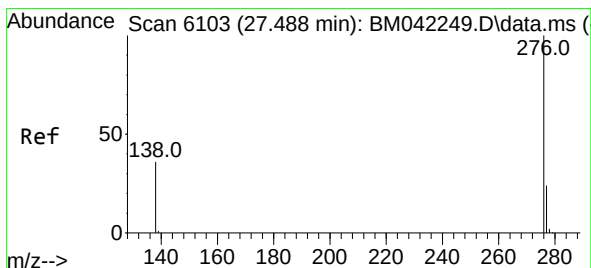
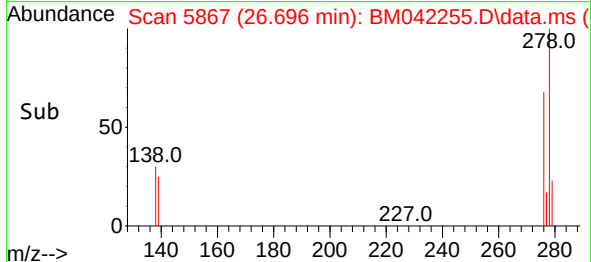
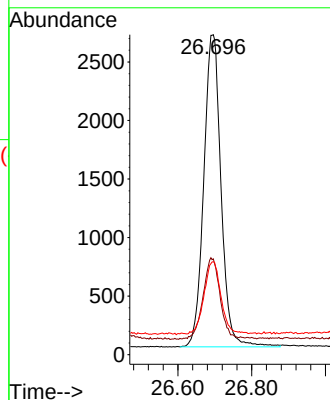
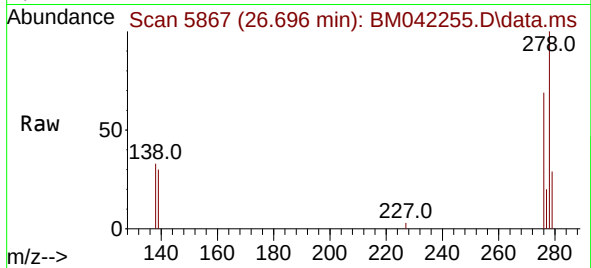




#28
 Dibenzo(a,h)anthracene
 Concen: 0.262 ng/ul
 RT: 26.696 min Scan# 5867
 Delta R.T. -0.000 min
 Lab File: BM042255.D
 Acq: 10 Oct 2023 17:45

Instrument :
 BNA_M
 ClientSampleId :
 SLCS201

Tgt Ion:278 Resp: 8667
 Ion Ratio Lower Upper
 278 100
 139 30.0 21.7 32.5
 279 29.1 22.4 33.6



#29
 Benzo(g,h,i)perylene
 Concen: 0.263 ng/ul
 RT: 27.484 min Scan# 6102
 Delta R.T. -0.003 min
 Lab File: BM042255.D
 Acq: 10 Oct 2023 17:45

Tgt Ion:276 Resp: 9617
 Ion Ratio Lower Upper
 276 100
 138 34.6 26.8 40.2
 277 25.6 20.1 30.1

