

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
 Data File : BM041781.D
 Acq On : 11 Sep 2023 16:22
 Operator : MA/JU
 Sample : PB155288BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS288

Quant Time: Sep 12 04:26:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 09 23:26:58 2023
 Response via : Initial Calibration

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

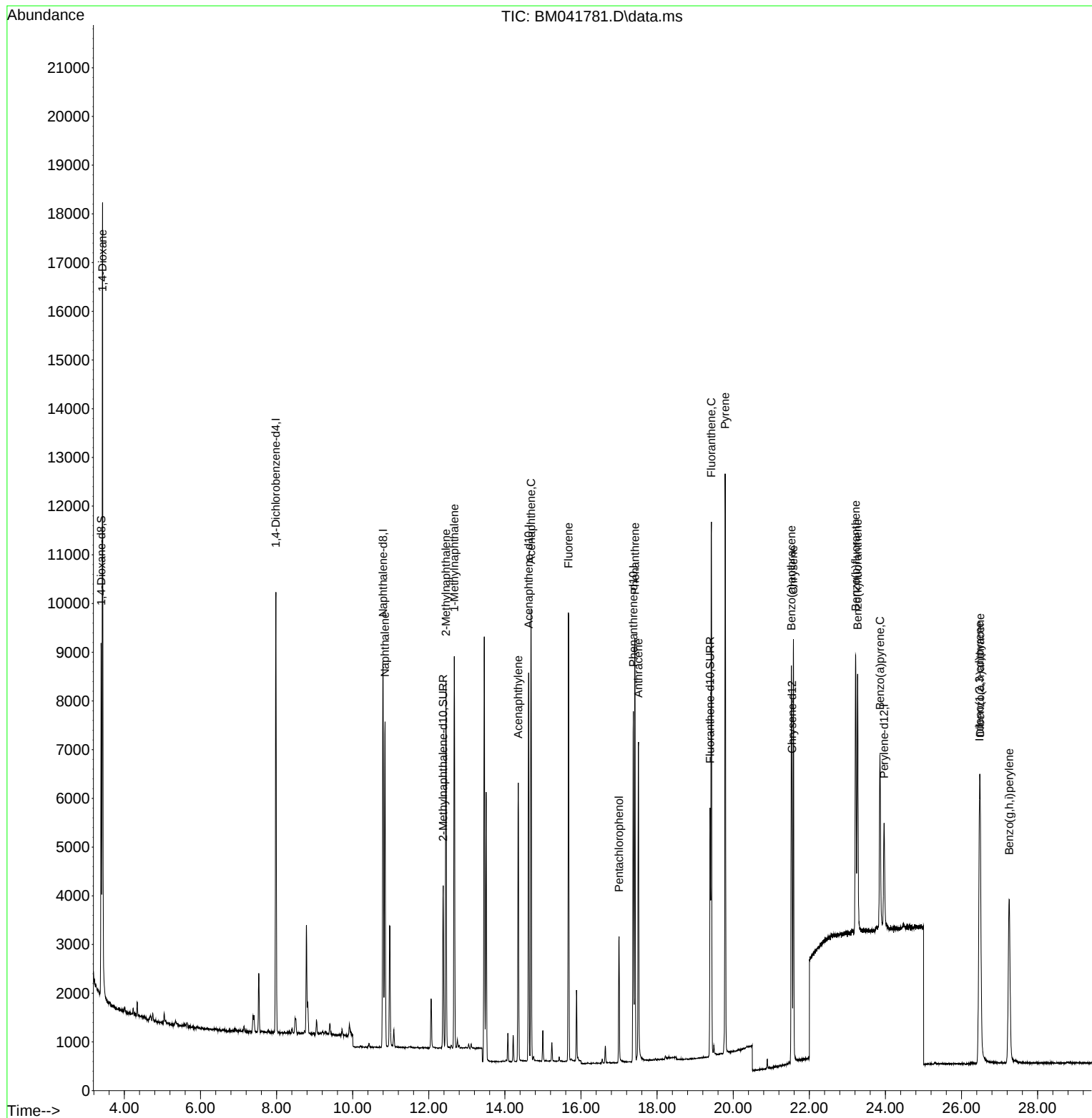
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	4429	0.400	ng/ul	0.00
4) Naphthalene-d8	10.796	136	9958	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.625	164	3940	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	7318	0.400	ng/ul	0.00
17) Chrysene-d12	21.545	240	2979	0.400	ng/ul	0.00
23) Perylene-d12	23.965	264	3034	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	3860	0.570	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.379	152	3939	0.307	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	4304	0.298	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.427	88	9270	1.318	ng/ul	90
5) Naphthalene	10.851	128	8998	0.275	ng/ul	100
7) 2-Methylnaphthalene	12.451	142	5035	0.271	ng/ul	100
8) 1-Methylnaphthalene	12.671	142	5336	0.286	ng/ul	99
10) Acenaphthylene	14.352	152	6405	0.263	ng/ul	99
11) Acenaphthene	14.689	153	5246	0.277	ng/ul	99
12) Fluorene	15.670	166	5714	0.269	ng/ul	97
14) Pentachlorophenol	16.999	266	1666	0.569	ng/ul	99
15) Phenanthrene	17.417	178	8773	0.284	ng/ul	99
16) Anthracene	17.510	178	7373	0.278	ng/ul	98
19) Fluoranthene	19.427	202	9175	0.261	ng/ul	98
20) Pyrene	19.789	202	9328	0.267	ng/ul#	92
21) Benzo(a)anthracene	21.527	228	6561	0.270	ng/ul	99
22) Chrysene	21.583	228	7177	0.274	ng/ul	99
24) Benzo(b)fluoranthene	23.220	252	7332	0.270	ng/ul	93
25) Benzo(k)fluoranthene	23.269	252	6934	0.261	ng/ul#	93
26) Benzo(a)pyrene	23.857	252	5798	0.263	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.475	276	8403	0.278	ng/ul	92
28) Dibenzo(a,h)anthracene	26.488	278	6056	0.285	ng/ul	96
29) Benzo(g,h,i)perylene	27.253	276	7563	0.282	ng/ul	95

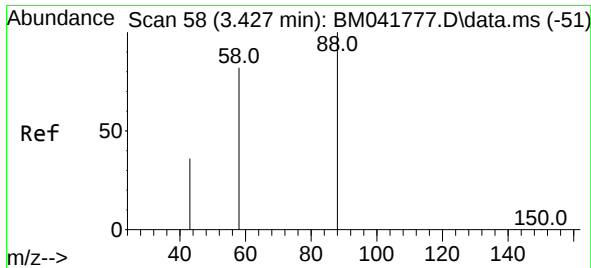
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
Data File : BM041781.D
Acq On : 11 Sep 2023 16:22
Operator : MA/JU
Sample : PB155288BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS288

Quant Time: Sep 12 04:26:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 09 23:26:58 2023
Response via : Initial Calibration

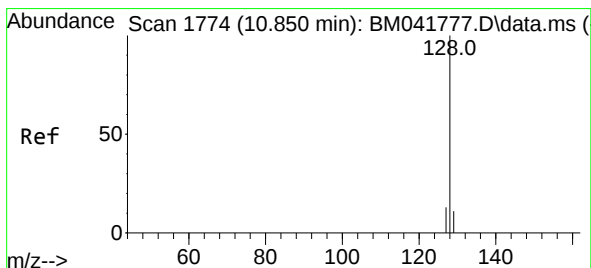
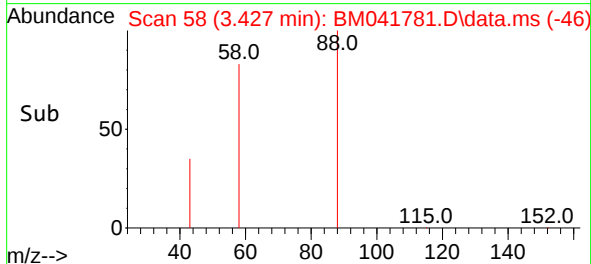
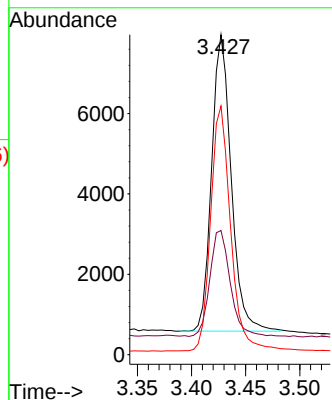
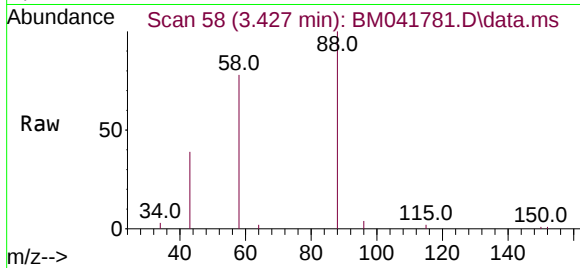




#2
 1,4-Dioxane
 Concen: 1.318 ng/ul
 RT: 3.427 min Scan# 58
 Delta R.T. -0.008 min
 Lab File: BM041781.D
 Acq: 11 Sep 2023 16:22

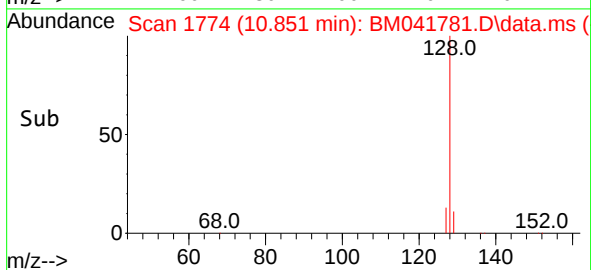
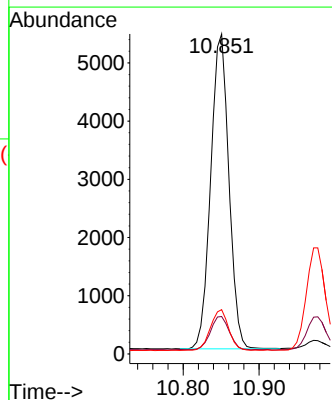
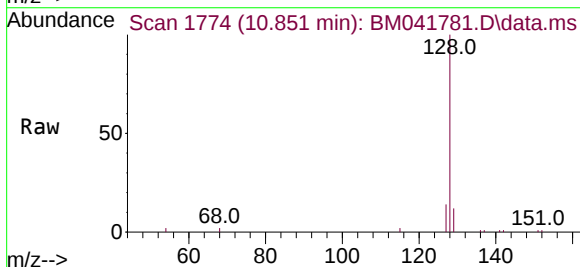
Instrument :
 BNA_M
 ClientSampleId :
 SLCS288

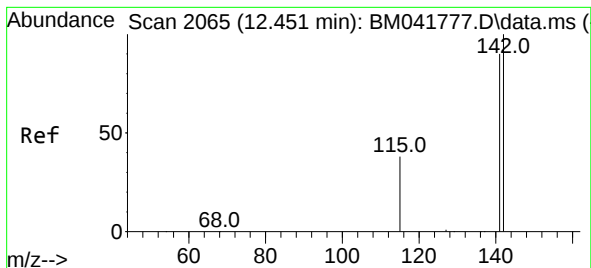
Tgt Ion: 88 Resp: 9270
 Ion Ratio Lower Upper
 88 100
 43 38.8 33.8 50.6
 58 77.7 54.2 81.2



#5
 Naphthalene
 Concen: 0.275 ng/ul
 RT: 10.851 min Scan# 1774
 Delta R.T. -0.005 min
 Lab File: BM041781.D
 Acq: 11 Sep 2023 16:22

Tgt Ion: 128 Resp: 8998
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.4 14.0
 127 13.8 11.0 16.6

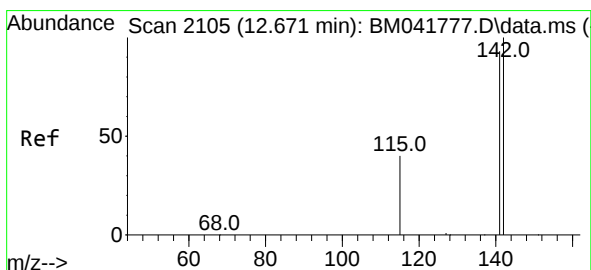
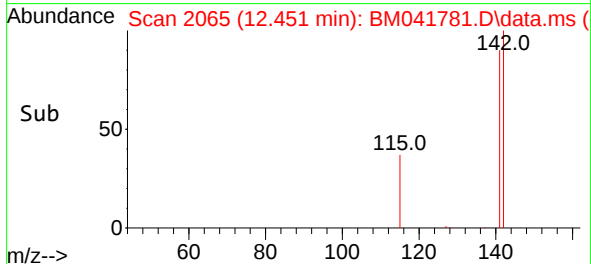
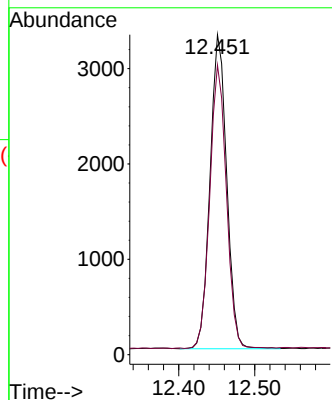
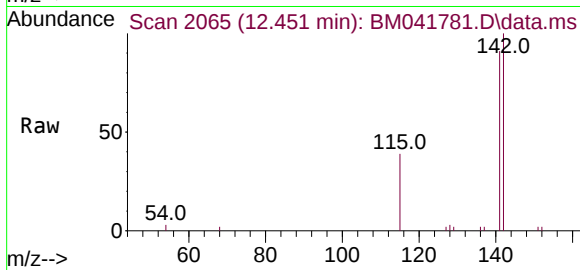




#7
2-Methylnaphthalene
Concen: 0.271 ng/ul
RT: 12.451 min Scan# 2065
Delta R.T. -0.011 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

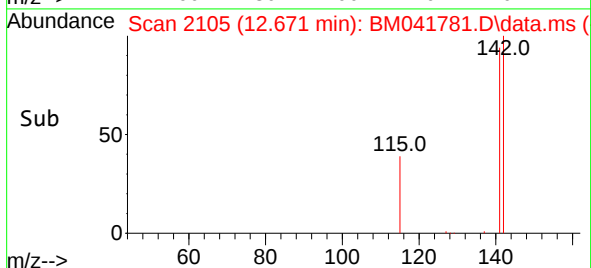
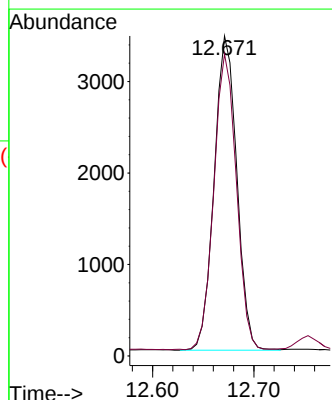
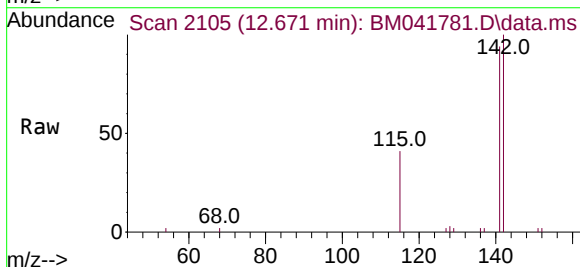
Instrument :
BNA_M
ClientSampleId :
SLCS288

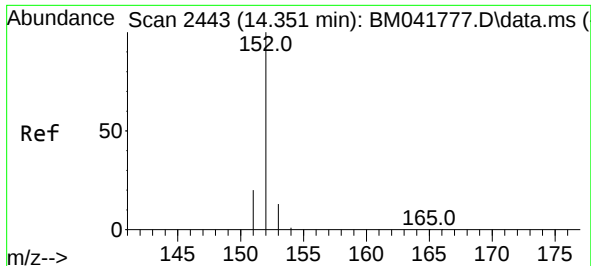
Tgt Ion:142 Resp: 5035
Ion Ratio Lower Upper
142 100
141 89.9 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.286 ng/ul
RT: 12.671 min Scan# 2105
Delta R.T. -0.011 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Tgt Ion:142 Resp: 5336
Ion Ratio Lower Upper
142 100
141 93.8 74.4 111.6

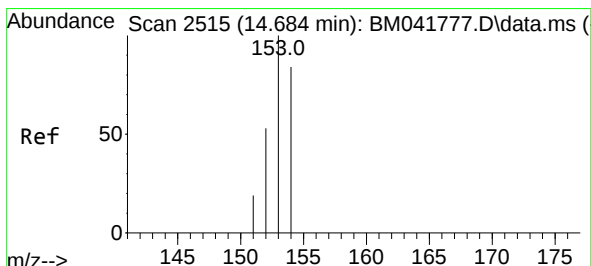
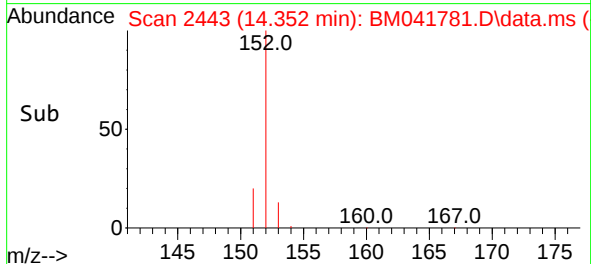
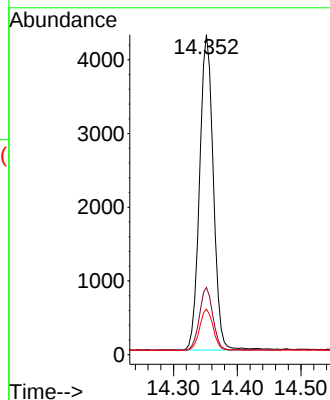
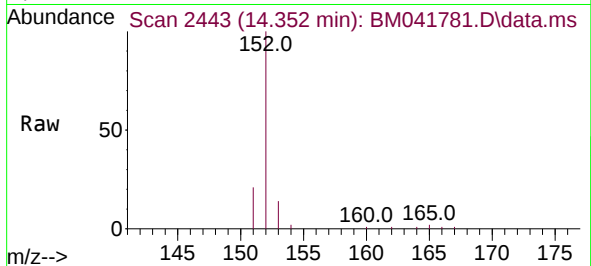




#10
Acenaphthylene
Concen: 0.263 ng/ul
RT: 14.352 min Scan# 2443
Delta R.T. -0.009 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

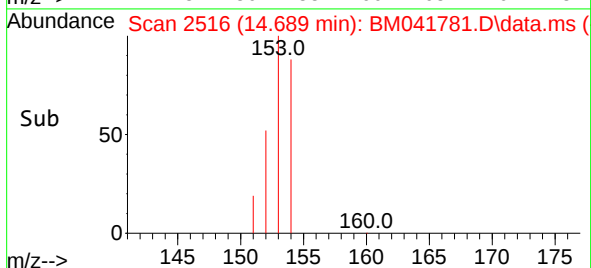
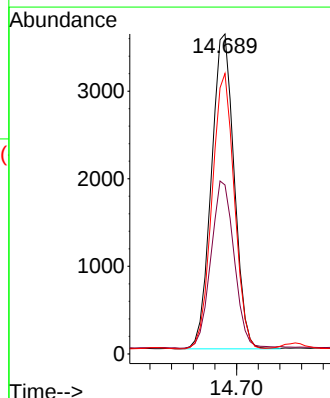
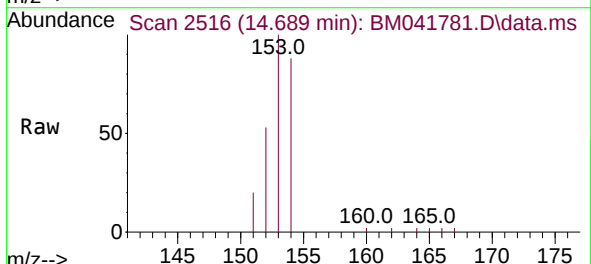
Instrument :
BNA_M
ClientSampleId :
SLCS288

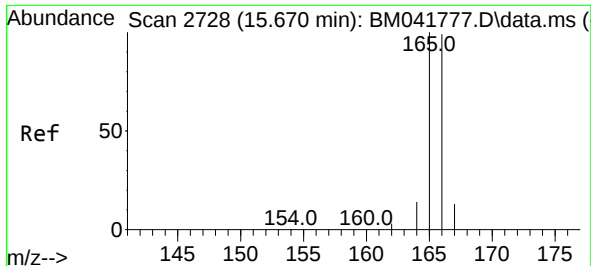
Tgt Ion:	152	Resp:	6405
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.4	24.6
153	14.2	11.1	16.7



#11
Acenaphthene
Concen: 0.277 ng/ul
RT: 14.689 min Scan# 2516
Delta R.T. -0.004 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Tgt Ion:	153	Resp:	5246
Ion Ratio	Lower	Upper	
153	100		
152	52.8	43.4	65.2
154	87.7	69.4	104.0

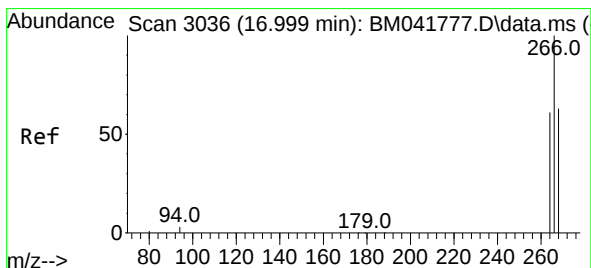
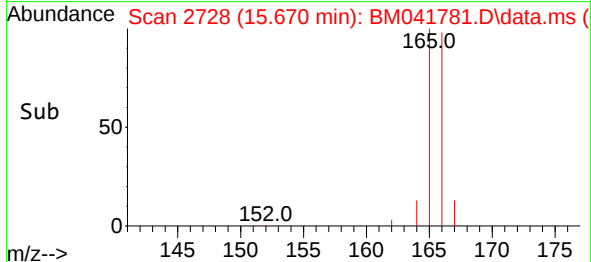
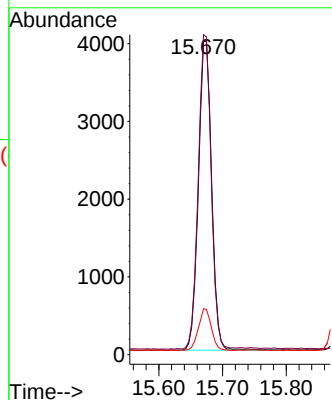
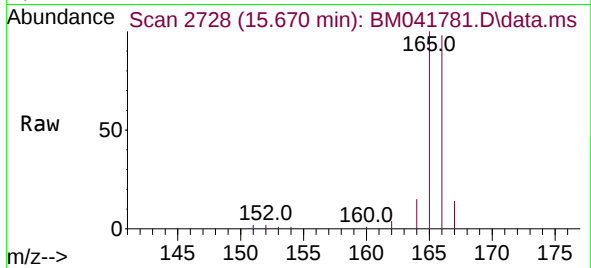




#12
Fluorene
Concen: 0.269 ng/ul
RT: 15.670 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

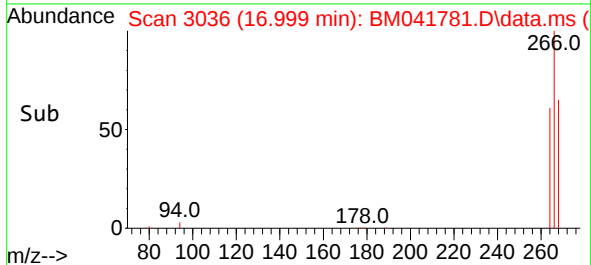
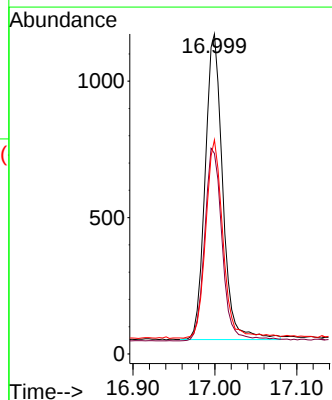
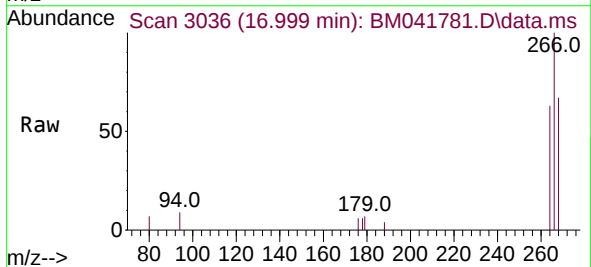
Instrument :
BNA_M
ClientSampleId :
SLCS288

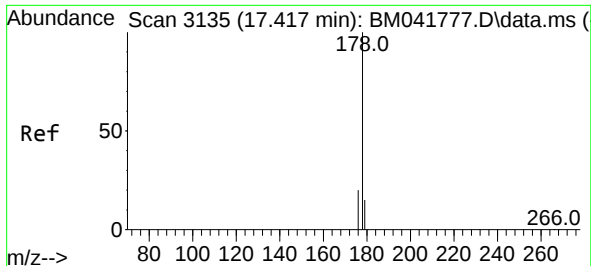
Tgt Ion:166 Resp: 5714
Ion Ratio Lower Upper
166 100
165 102.1 79.4 119.2
167 14.7 11.3 16.9



#14
Pentachlorophenol
Concen: 0.569 ng/ul
RT: 16.999 min Scan# 3036
Delta R.T. -0.004 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Tgt Ion:266 Resp: 1666
Ion Ratio Lower Upper
266 100
264 63.4 50.0 75.0
268 63.6 50.8 76.2

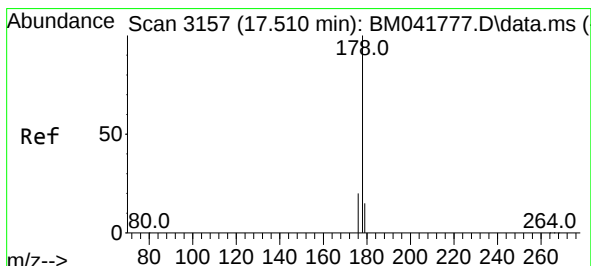
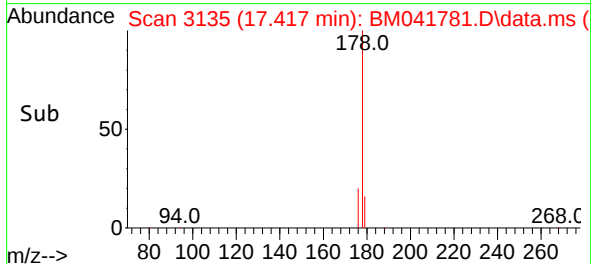
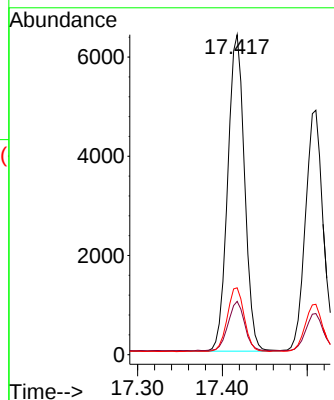
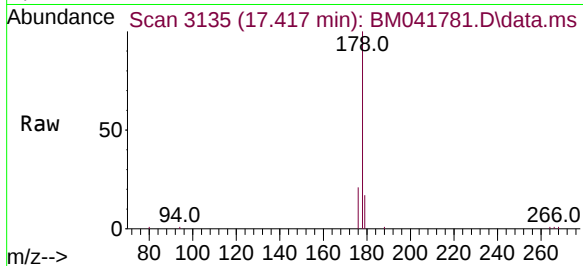




#15
Phenanthrene
Concen: 0.284 ng/ul
RT: 17.417 min Scan# 3135
Delta R.T. -0.008 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

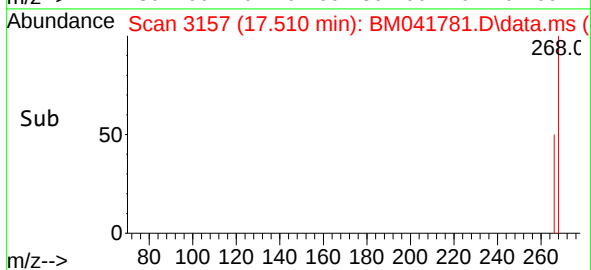
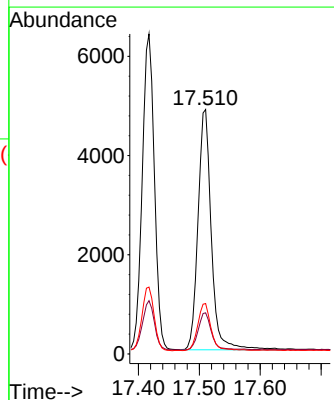
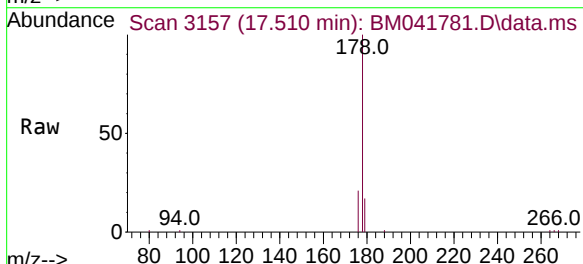
Instrument :
BNA_M
ClientSampleId :
SLCS288

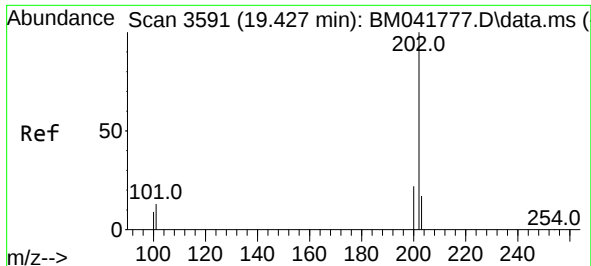
Tgt Ion:178	Resp:	8773
Ion Ratio	Lower	Upper
178	100	
179	16.7	12.9 19.3
176	20.9	16.9 25.3



#16
Anthracene
Concen: 0.278 ng/ul
RT: 17.510 min Scan# 3157
Delta R.T. -0.004 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Tgt Ion:178	Resp:	7373
Ion Ratio	Lower	Upper
178	100	
179	16.8	12.9 19.3
176	20.6	15.8 23.8

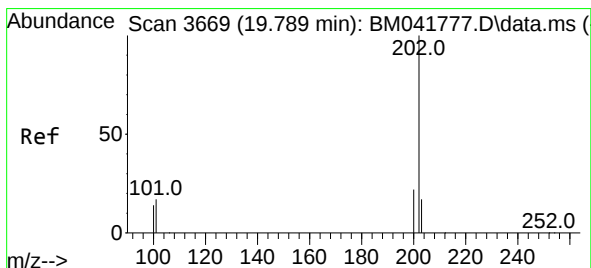
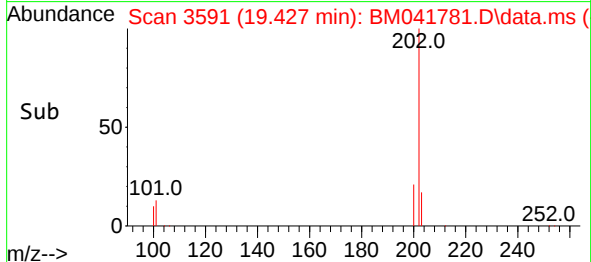
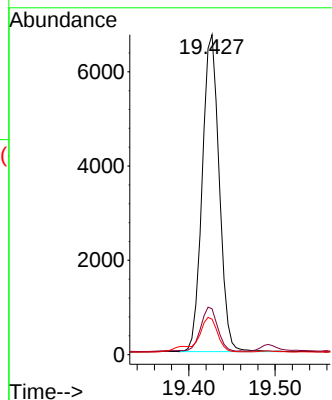
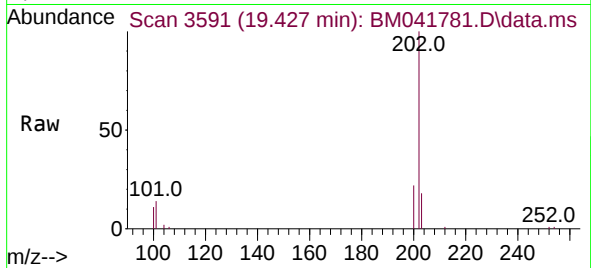




#19
Fluoranthene
Concen: 0.261 ng/ul
RT: 19.427 min Scan# 3591
Delta R.T. -0.004 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

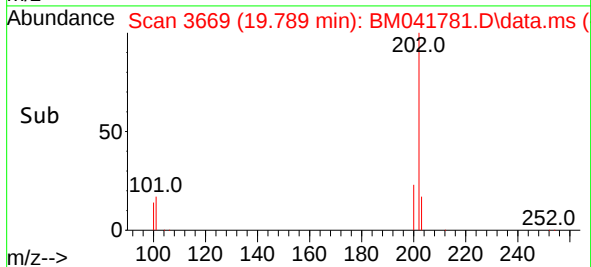
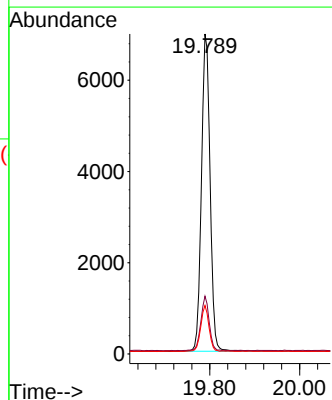
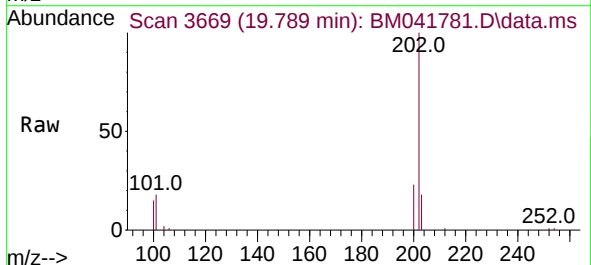
Instrument :
BNA_M
ClientSampleId :
SLCS288

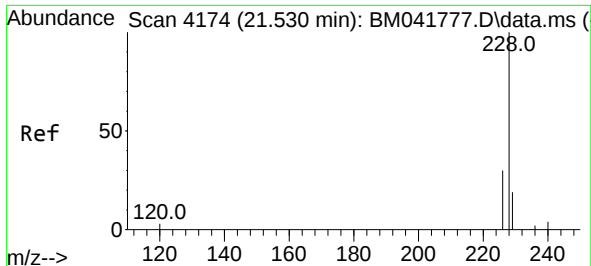
Tgt Ion:202 Resp: 9175
Ion Ratio Lower Upper
202 100
101 14.3 10.5 15.7
100 11.1 8.4 12.6



#20
Pyrene
Concen: 0.267 ng/ul
RT: 19.789 min Scan# 3669
Delta R.T. -0.009 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Tgt Ion:202 Resp: 9328
Ion Ratio Lower Upper
202 100
101 18.0 11.8 17.8#
100 15.2 9.8 14.6#

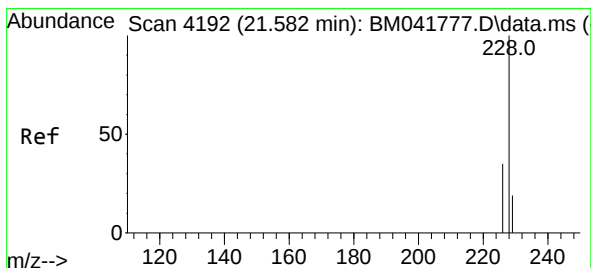
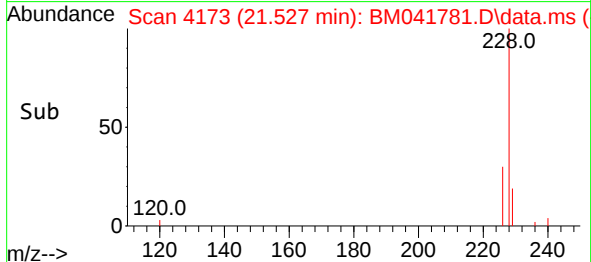
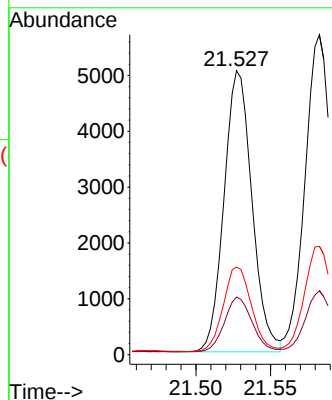
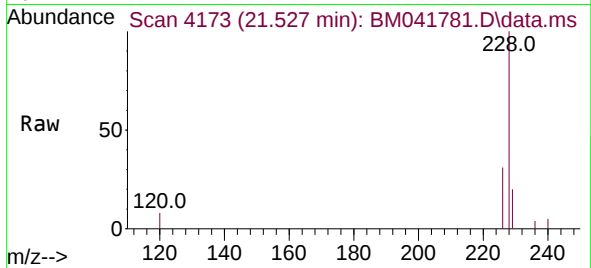




#21
Benzo(a)anthracene
Concen: 0.270 ng/ul
RT: 21.527 min Scan# 4173
Delta R.T. -0.006 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

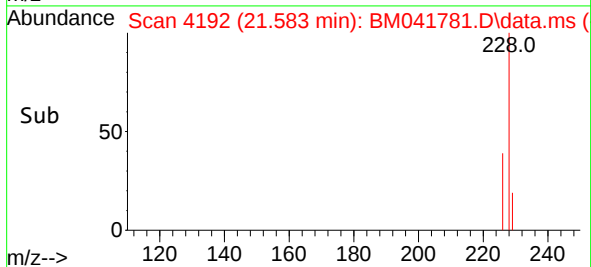
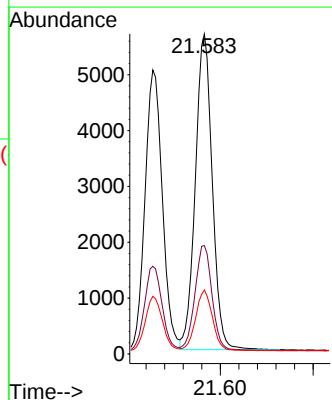
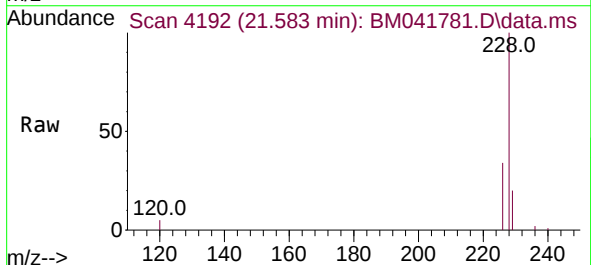
Instrument :
BNA_M
ClientSampleId :
SLCS288

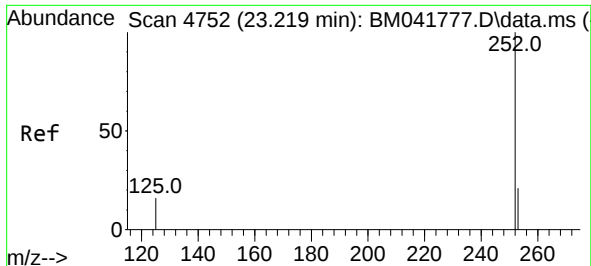
Tgt Ion:228 Resp: 6561
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.6
226 30.9 24.8 37.2



#22
Chrysene
Concen: 0.274 ng/ul
RT: 21.583 min Scan# 4192
Delta R.T. -0.003 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Tgt Ion:228 Resp: 7177
Ion Ratio Lower Upper
228 100
226 33.9 27.0 40.6
229 20.0 15.4 23.2

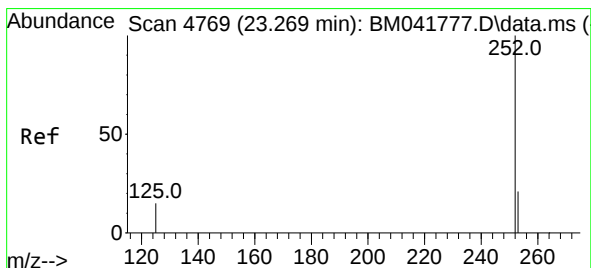
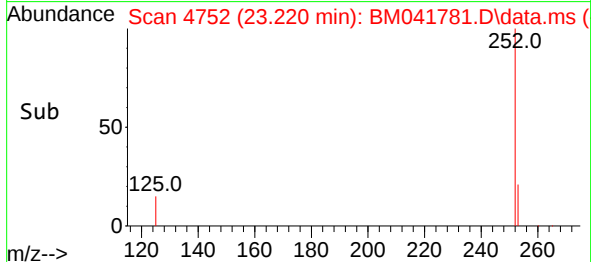
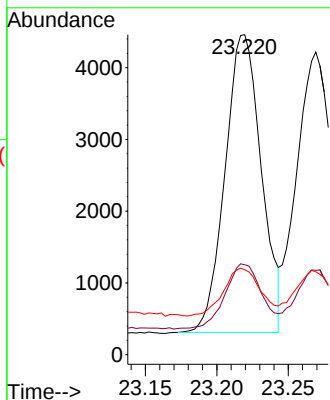
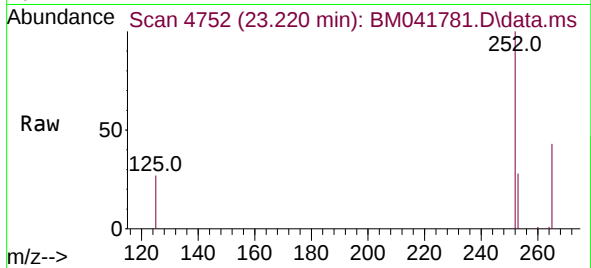




#24
Benzo(b)fluoranthene
Concen: 0.270 ng/ul
RT: 23.220 min Scan# 4752
Delta R.T. -0.006 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

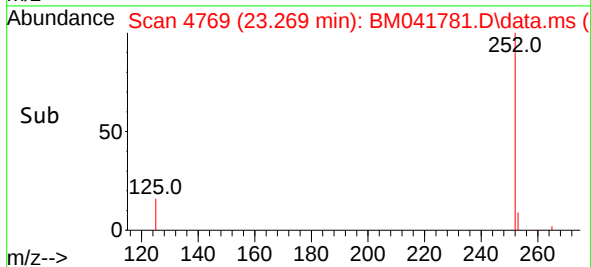
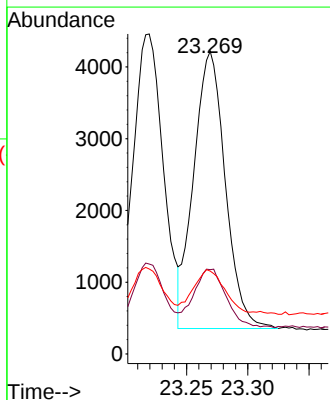
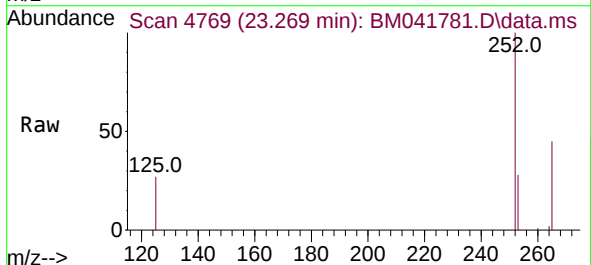
Instrument :
BNA_M
ClientSampleId :
SLCS288

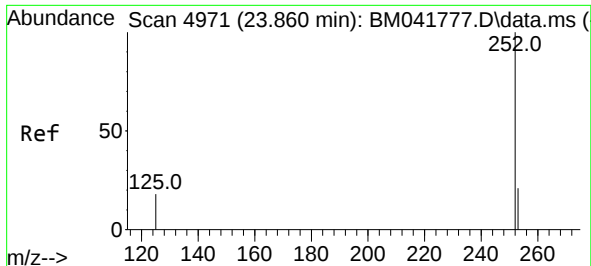
Tgt Ion:252 Resp: 7332
Ion Ratio Lower Upper
252 100
253 28.1 0.0 52.4
125 26.5 0.0 42.8



#25
Benzo(k)fluoranthene
Concen: 0.261 ng/ul
RT: 23.269 min Scan# 4769
Delta R.T. -0.006 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Tgt Ion:252 Resp: 6934
Ion Ratio Lower Upper
252 100
253 27.8 21.3 31.9
125 27.3 17.4 26.0#

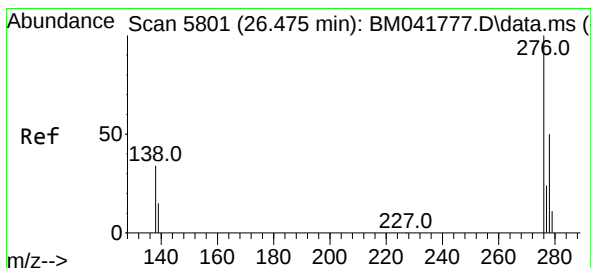
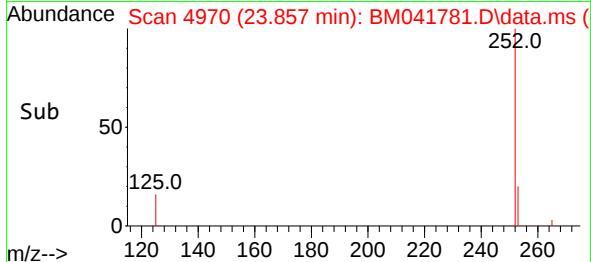
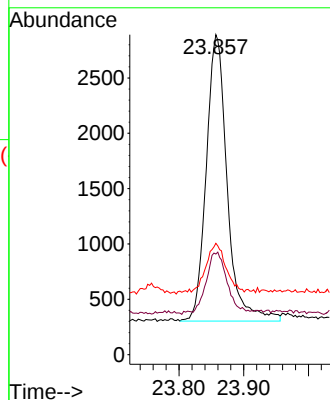
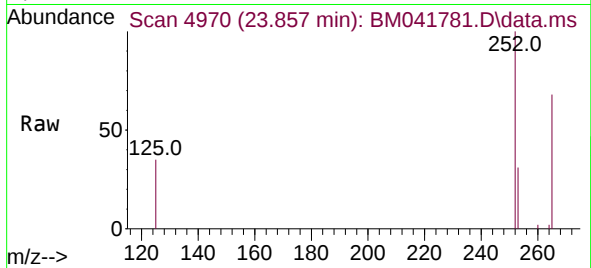




#26
Benzo(a)pyrene
Concen: 0.263 ng/ul
RT: 23.857 min Scan# 4971
Delta R.T. -0.006 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

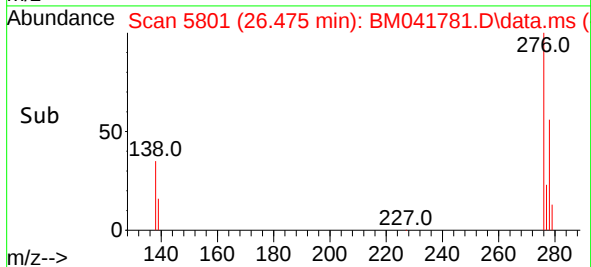
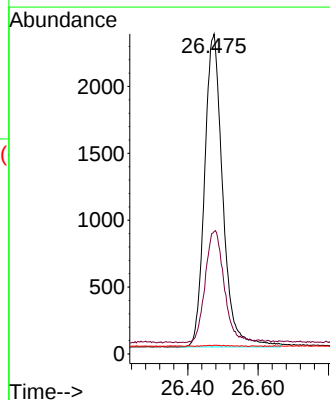
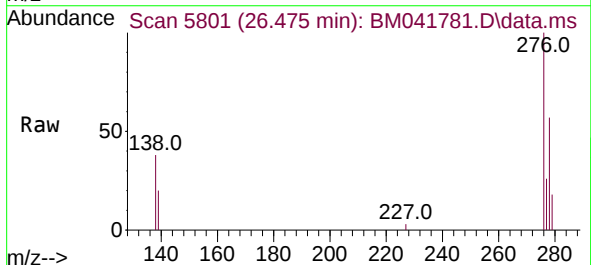
Instrument :
BNA_M
ClientSampleId :
SLCS288

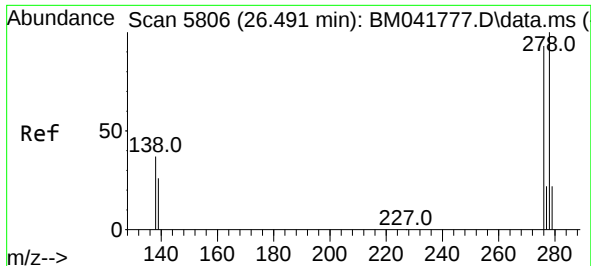
Tgt Ion:252 Resp: 5798
Ion Ratio Lower Upper
252 100
253 31.4 22.4 33.6
125 34.8 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.278 ng/ul
RT: 26.475 min Scan# 5801
Delta R.T. -0.010 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Tgt Ion:276 Resp: 8403
Ion Ratio Lower Upper
276 100
138 37.3 26.4 39.6
227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.285 ng/ul

RT: 26.488 min Scan# 5805

Delta R.T. -0.017 min

Lab File: BM041781.D

Acq: 11 Sep 2023 16:22

Instrument :

BNA_M

ClientSampleId :

SLCS288

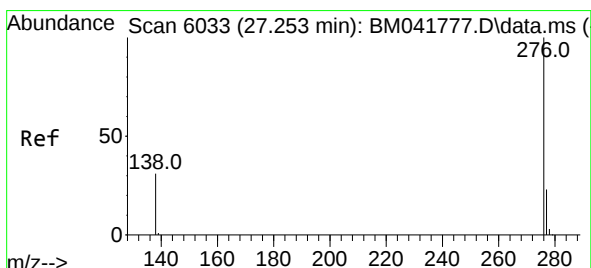
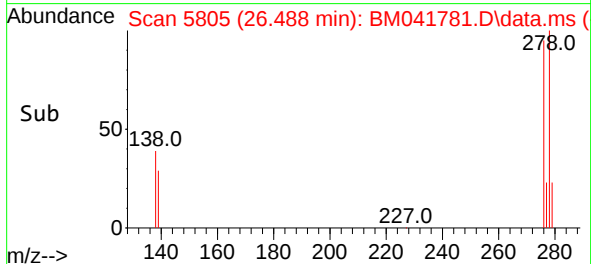
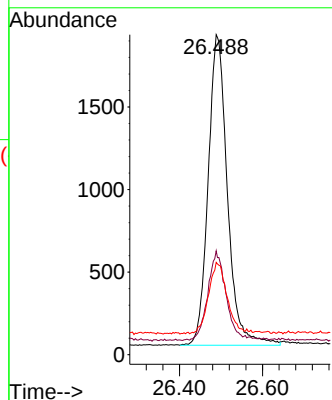
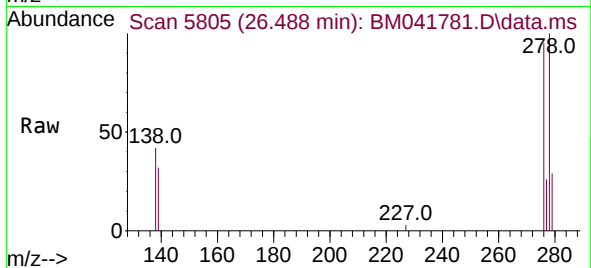
Tgt Ion:278 Resp: 6056

Ion Ratio Lower Upper

278 100

139 32.5 23.0 34.6

279 28.8 22.9 34.3



#29

Benzo(g,h,i)perylene

Concen: 0.282 ng/ul

RT: 27.253 min Scan# 6033

Delta R.T. -0.013 min

Lab File: BM041781.D

Acq: 11 Sep 2023 16:22

Tgt Ion:276 Resp: 7563

Ion Ratio Lower Upper

276 100

138 35.4 25.0 37.4

277 25.7 20.2 30.2

