

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045580.D
 Acq On : 26 Apr 2024 01:49
 Operator : MA/JU
 Sample : PB160234BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS234

Quant Time: Apr 26 02:30:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:17:39 2024
 Response via : Initial Calibration

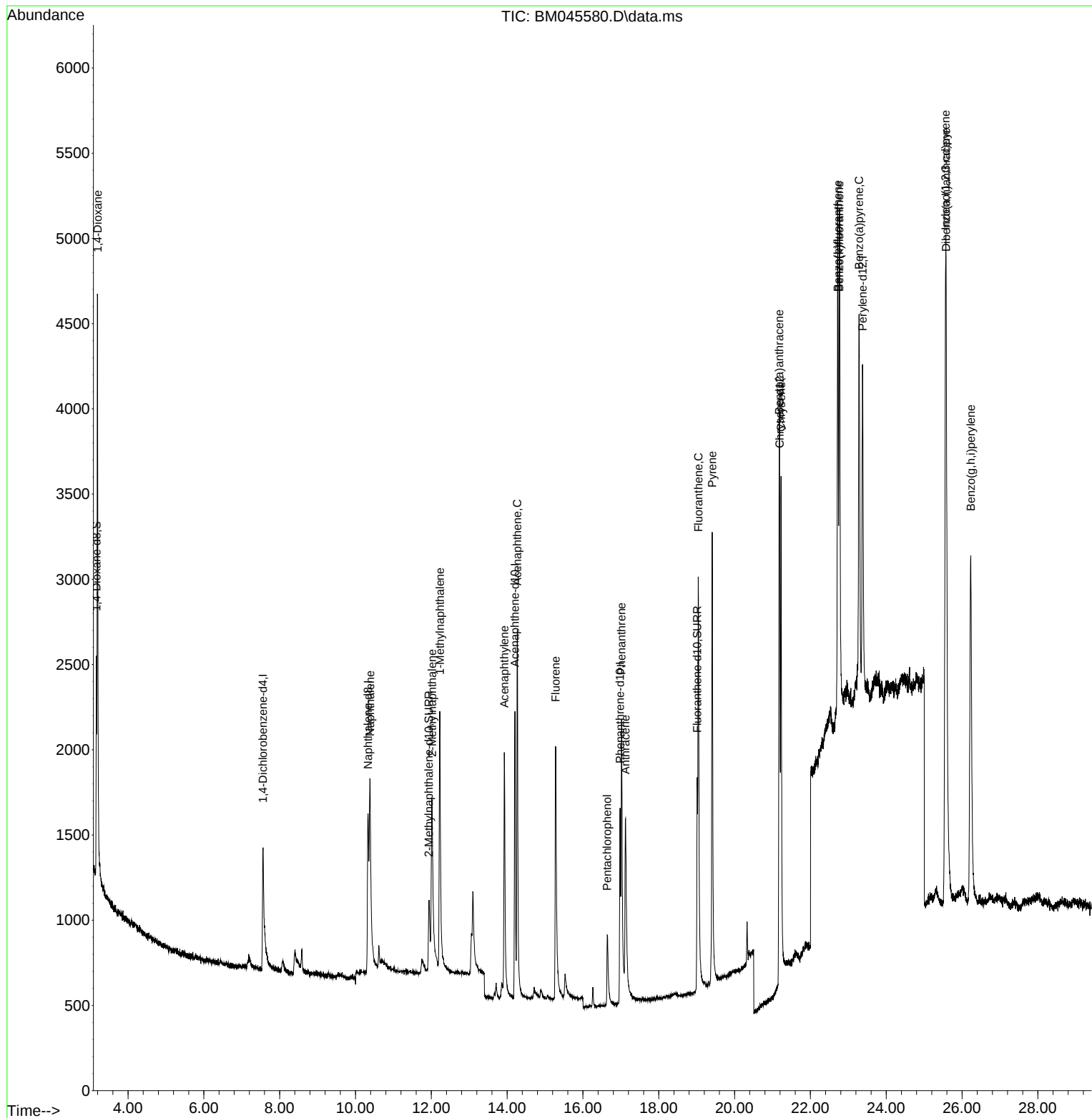
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	827	0.400	ng/ul	0.00
4) Naphthalene-d8	10.331	136	2541	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.205	164	1205	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.980	188	2151	0.400	ng/ul	0.00
17) Chrysene-d12	21.190	240	2024	0.400	ng/ul	0.00
23) Perylene-d12	23.379	264	2953	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	864	0.779	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	1183	0.353	ng/ul	0.00
18) Fluoranthene-d10	19.015	212	1884	0.296	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.196	88	2371	2.224	ng/ul#	88
5) Naphthalene	10.386	128	2523	0.370	ng/ul	98
7) 2-Methylnaphthalene	12.019	142	1372	0.352	ng/ul	94
8) 1-Methylnaphthalene	12.228	142	1510	0.345	ng/ul	98
10) Acenaphthylene	13.927	152	2426	0.408	ng/ul	99
11) Acenaphthene	14.270	153	1618	0.367	ng/ul	99
12) Fluorene	15.278	166	1616	0.342	ng/ul	97
14) Pentachlorophenol	16.642	266	474	1.105	ng/ul	88
15) Phenanthrene	17.018	178	2342	0.374	ng/ul	98
16) Anthracene	17.123	178	2435	0.415	ng/ul	99
19) Fluoranthene	19.043	202	2848	0.305	ng/ul	99
20) Pyrene	19.410	202	3094	0.322	ng/ul	98
21) Benzo(a)anthracene	21.176	228	2812	0.435	ng/ul	97
22) Chrysene	21.225	228	3534	0.355	ng/ul	99
24) Benzo(b)fluoranthene	22.721	252	3881	0.391	ng/ul#	79
25) Benzo(k)fluoranthene	22.765	252	4475	0.357	ng/ul#	83
26) Benzo(a)pyrene	23.286	252	4030	0.391	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.565	276	5921	0.395	ng/ul	100
28) Dibenzo(a,h)anthracene	25.582	278	4732	0.398	ng/ul#	89
29) Benzo(g,h,i)perylene	26.232	276	5014	0.373	ng/ul#	92

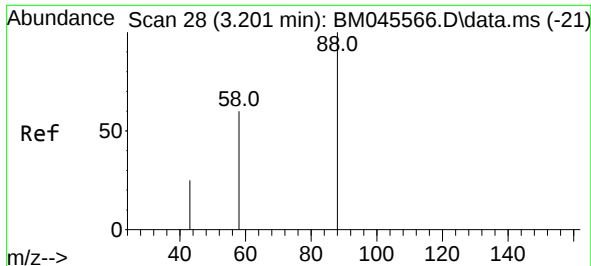
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045580.D
Acq On : 26 Apr 2024 01:49
Operator : MA/JU
Sample : PB160234BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS234

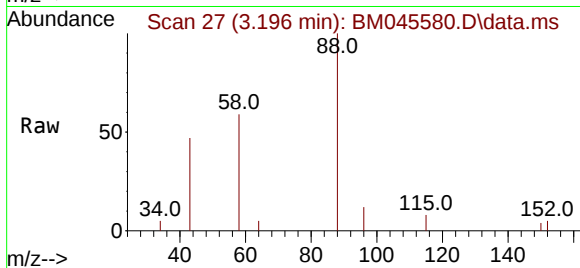
Quant Time: Apr 26 02:30:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration



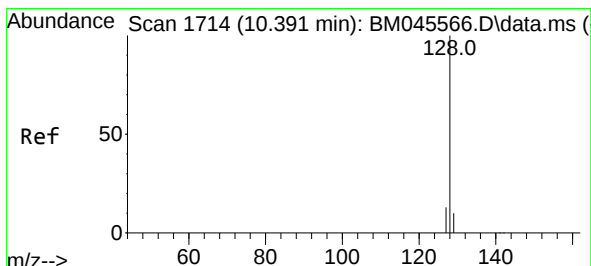
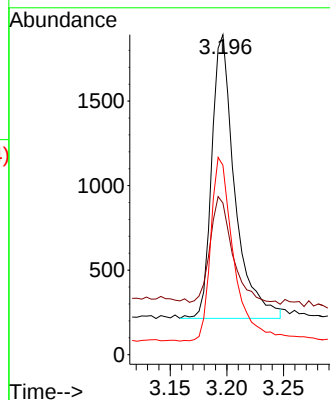
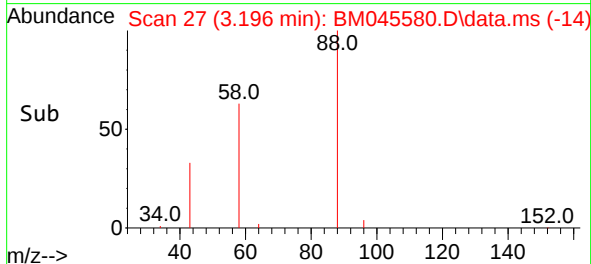


#2
1,4-Dioxane
Concen: 2.224 ng/ul
RT: 3.196 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM045580.D
Acq: 26 Apr 2024 01:49

Instrument :
BNA_M
ClientSampleId :
SLCS234

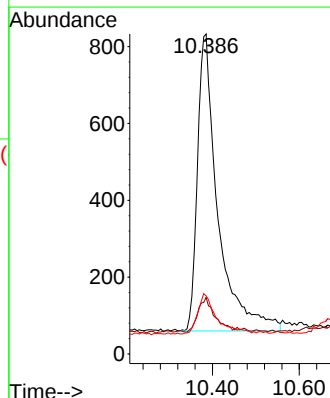
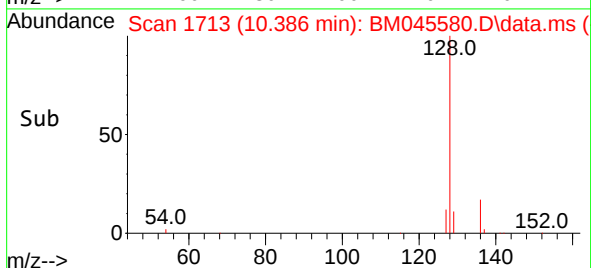
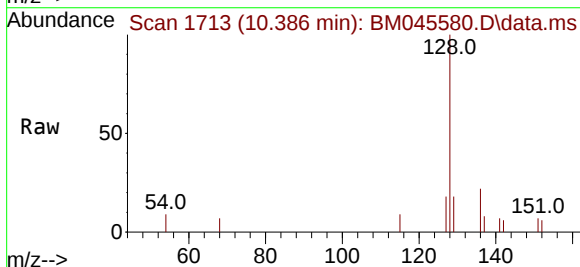


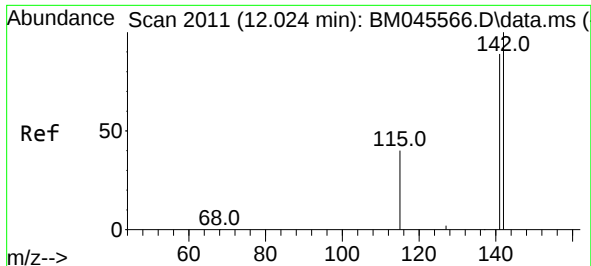
Tgt Ion: 88 Resp: 2371
Ion Ratio Lower Upper
88 100
43 47.4 36.8 55.2
58 59.2 35.4 53.2#



#5
Naphthalene
Concen: 0.370 ng/ul
RT: 10.386 min Scan# 1713
Delta R.T. 0.006 min
Lab File: BM045580.D
Acq: 26 Apr 2024 01:49

Tgt Ion: 128 Resp: 2523
Ion Ratio Lower Upper
128 100
129 17.6 14.0 21.0
127 18.1 15.4 23.2

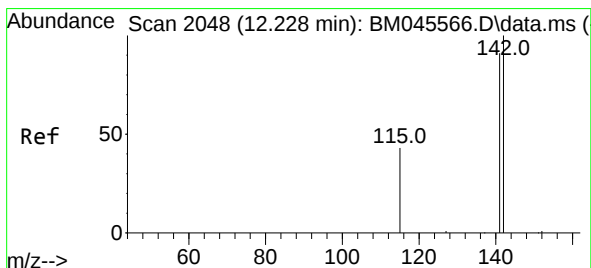
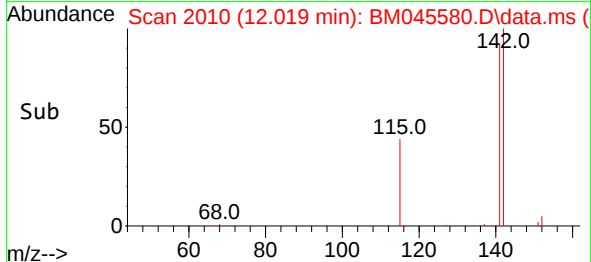
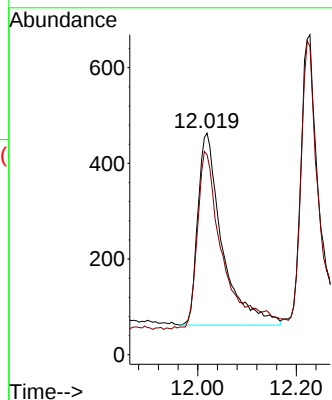
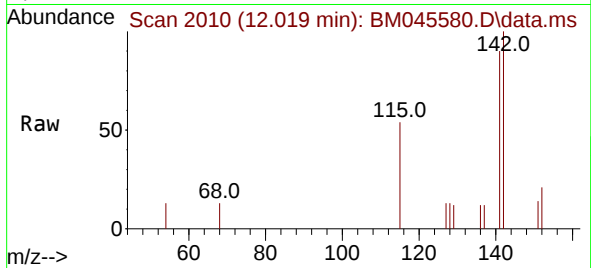




#7
2-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.019 min Scan# 2010
Delta R.T. 0.011 min
Lab File: BM045580.D
Acq: 26 Apr 2024 01:49

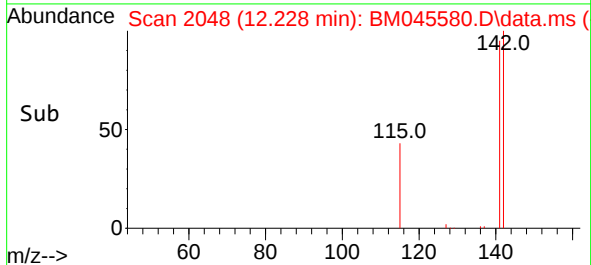
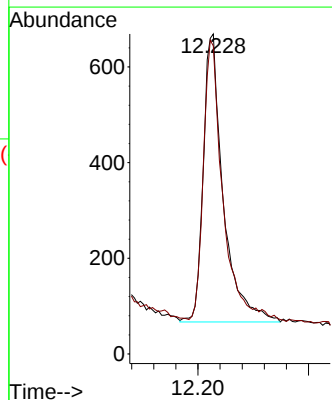
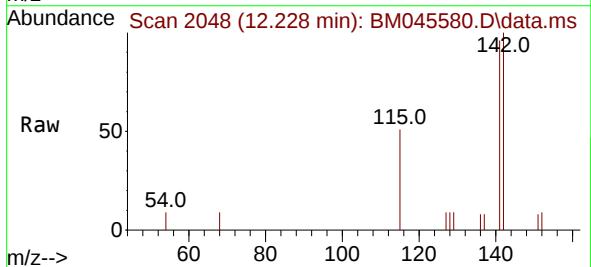
Instrument :
BNA_M
ClientSampleId :
SLCS234

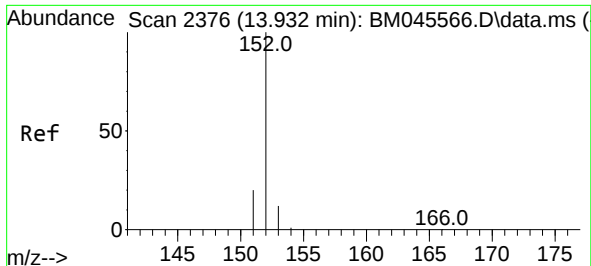
Tgt Ion:142 Resp: 1372
Ion Ratio Lower Upper
142 100
141 98.5 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.228 min Scan# 2048
Delta R.T. 0.006 min
Lab File: BM045580.D
Acq: 26 Apr 2024 01:49

Tgt Ion:142 Resp: 1510
Ion Ratio Lower Upper
142 100
141 93.2 76.1 114.1

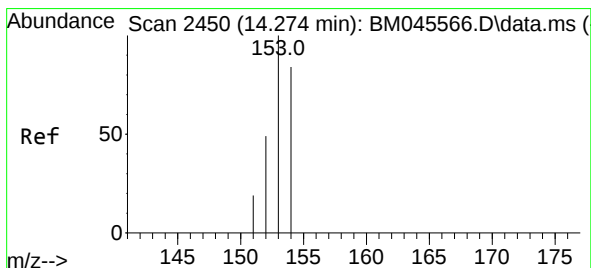
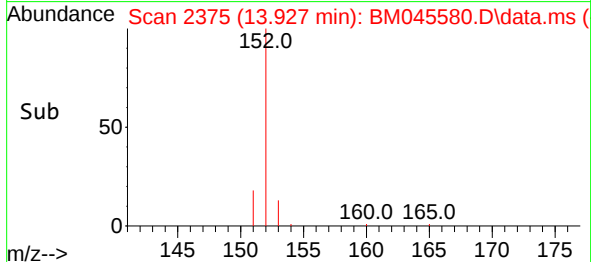
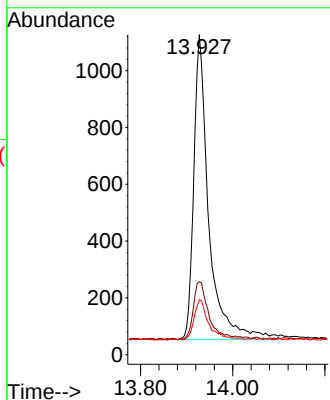
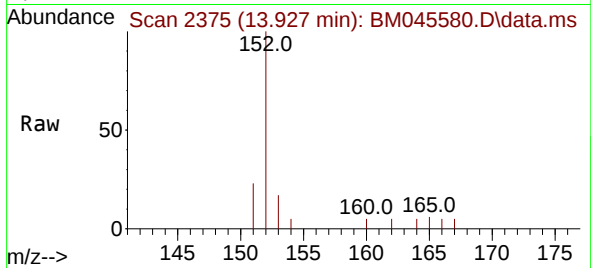




#10
Acenaphthylene
Concen: 0.408 ng/ul
RT: 13.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM045580.D
Acq: 26 Apr 2024 01:49

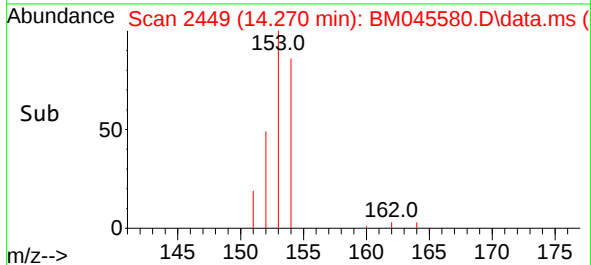
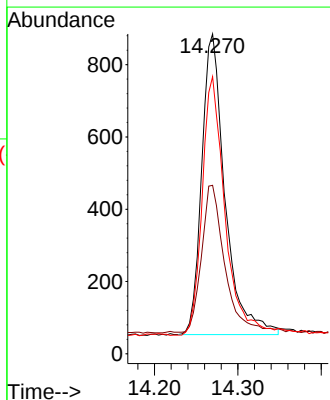
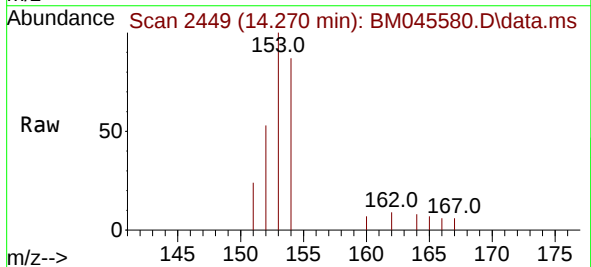
Instrument :
BNA_M
ClientSampleId :
SLCS234

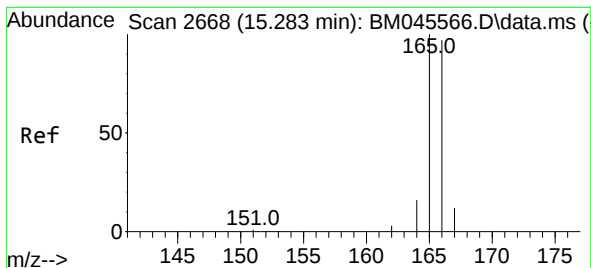
Tgt Ion:152 Resp: 2426
Ion Ratio Lower Upper
152 100
151 22.8 18.6 28.0
153 17.1 14.1 21.1



#11
Acenaphthene
Concen: 0.367 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM045580.D
Acq: 26 Apr 2024 01:49

Tgt Ion:153 Resp: 1618
Ion Ratio Lower Upper
153 100
152 52.7 43.4 65.2
154 86.7 69.0 103.6





#12

Fluorene

Concen: 0.342 ng/ul

RT: 15.278 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM045580.D

Acq: 26 Apr 2024 01:49

Instrument :

BNA_M

ClientSampleId :

SLCS234

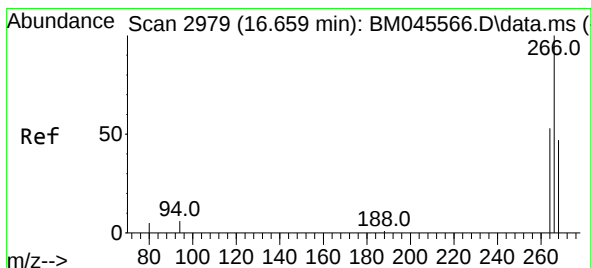
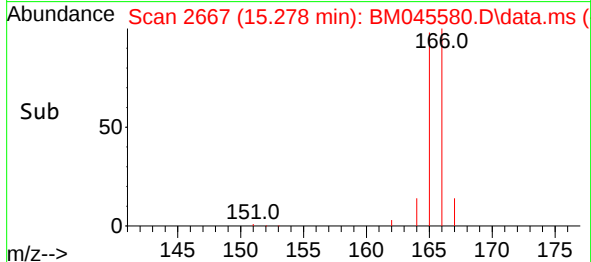
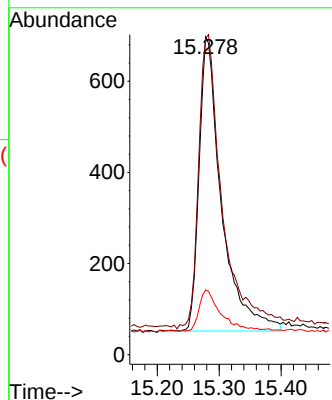
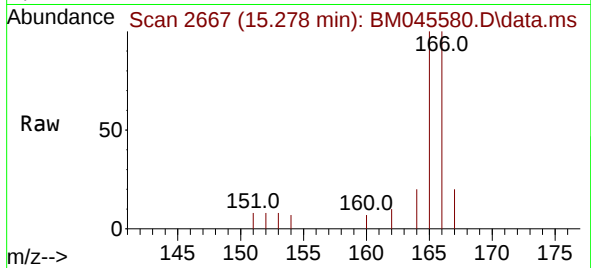
Tgt Ion:166 Resp: 1616

Ion Ratio Lower Upper

166 100

165 99.6 82.2 123.2

167 20.4 14.8 22.2



#14

Pentachlorophenol

Concen: 1.105 ng/ul

RT: 16.642 min Scan# 2975

Delta R.T. -0.008 min

Lab File: BM045580.D

Acq: 26 Apr 2024 01:49

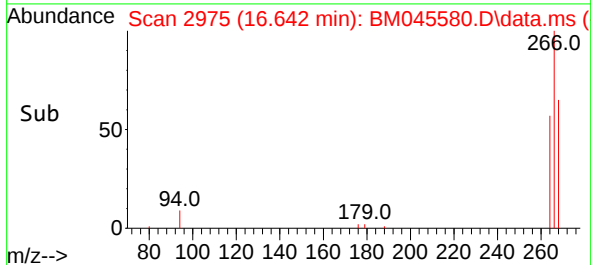
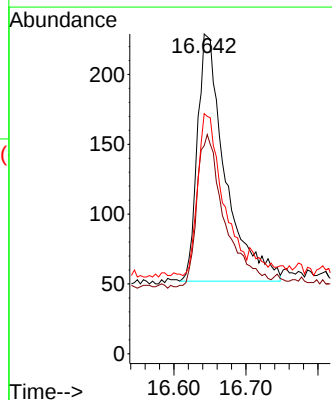
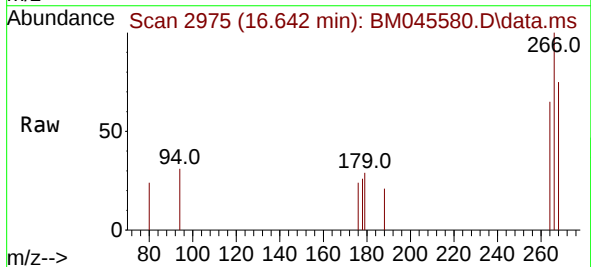
Tgt Ion:266 Resp: 474

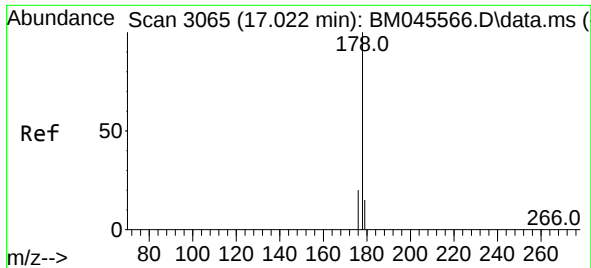
Ion Ratio Lower Upper

266 100

264 64.3 45.5 68.3

268 58.6 56.1 84.1

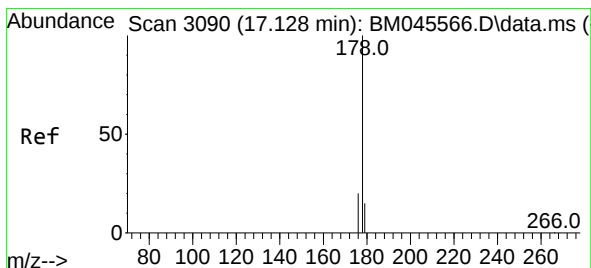
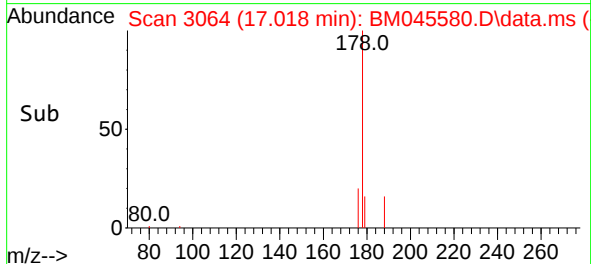
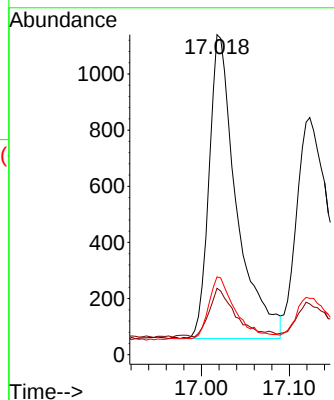
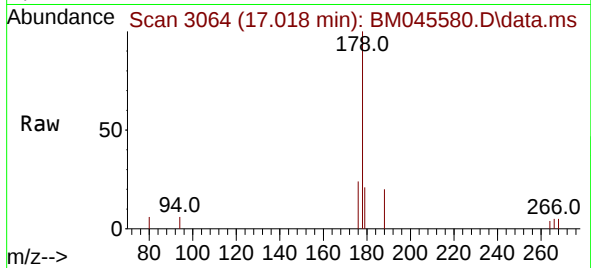




#15
Phenanthrene
Concen: 0.374 ng/ul
RT: 17.018 min Scan# 3064
Delta R.T. -0.004 min
Lab File: BM045580.D
Acq: 26 Apr 2024 01:49

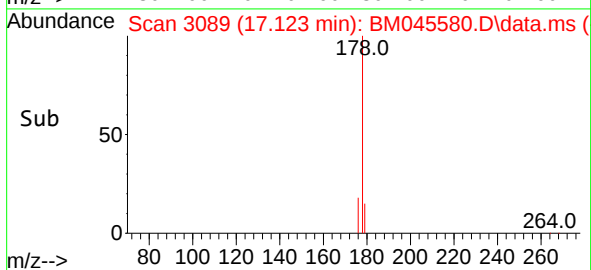
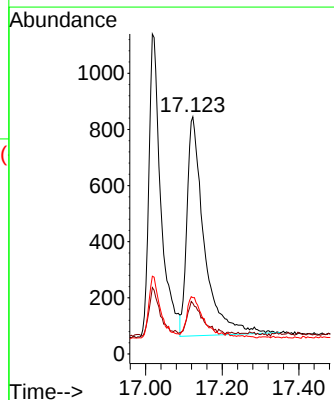
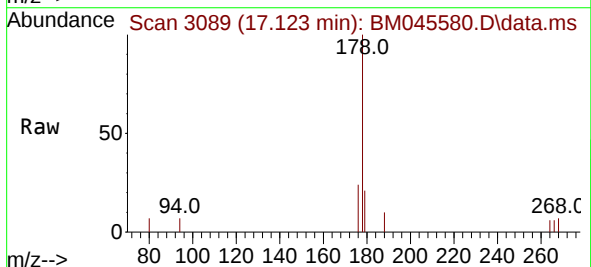
Instrument :
BNA_M
ClientSampleId :
SLCS234

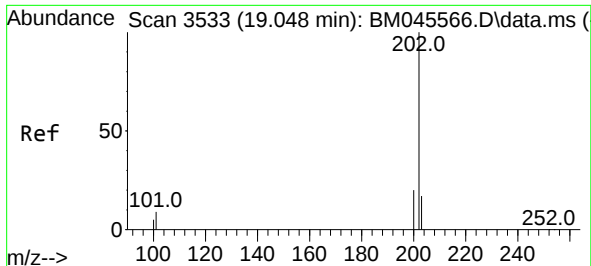
Tgt Ion:178	Resp:	2342
Ion Ratio	Lower	Upper
178	100	
179	20.8	15.4 23.2
176	24.3	19.0 28.4



#16
Anthracene
Concen: 0.415 ng/ul
RT: 17.123 min Scan# 3089
Delta R.T. 0.004 min
Lab File: BM045580.D
Acq: 26 Apr 2024 01:49

Tgt Ion:178	Resp:	2435
Ion Ratio	Lower	Upper
178	100	
179	21.4	17.8 26.6
176	23.8	18.7 28.1

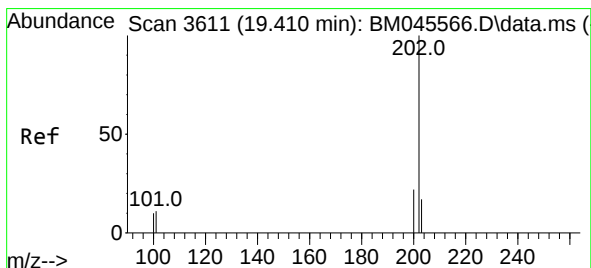
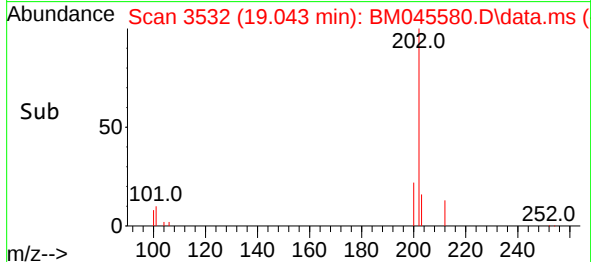
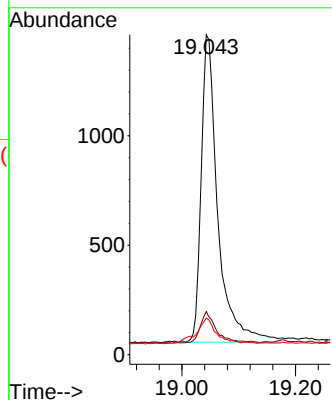
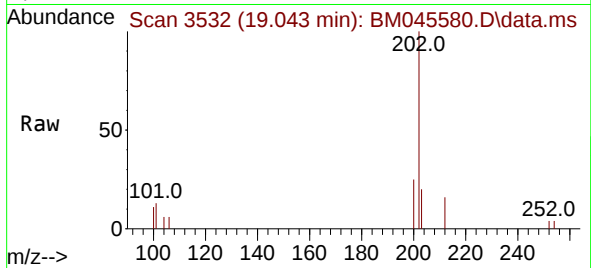




#19
Fluoranthene
Concen: 0.305 ng/ul
RT: 19.043 min Scan# 3532
Delta R.T. -0.005 min
Lab File: BM045580.D
Acq: 26 Apr 2024 01:49

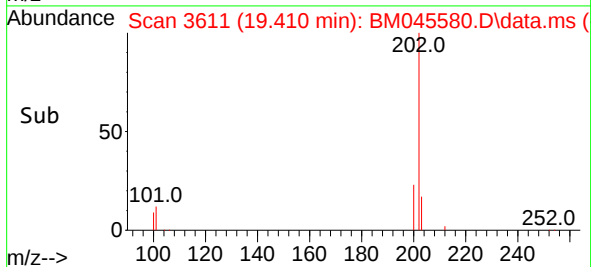
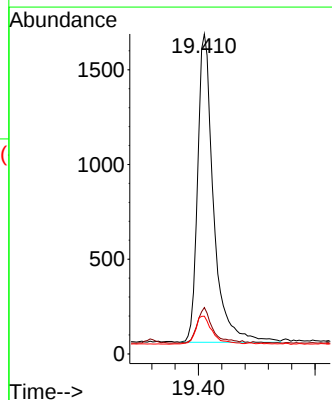
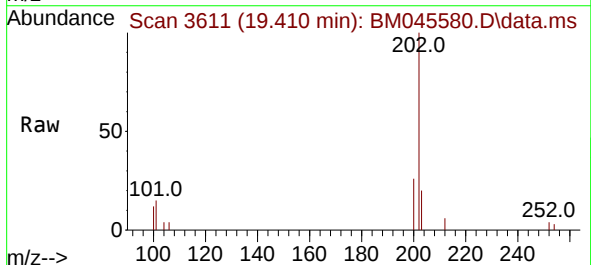
Instrument :
BNA_M
ClientSampleId :
SLCS234

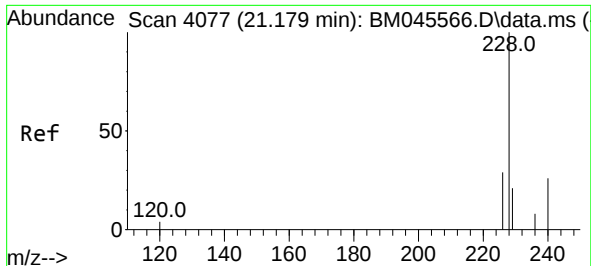
Tgt Ion:202 Resp: 2848
Ion Ratio Lower Upper
202 100
101 13.5 11.2 16.8
100 11.4 9.1 13.7



#20
Pyrene
Concen: 0.322 ng/ul
RT: 19.410 min Scan# 3611
Delta R.T. -0.005 min
Lab File: BM045580.D
Acq: 26 Apr 2024 01:49

Tgt Ion:202 Resp: 3094
Ion Ratio Lower Upper
202 100
101 14.5 11.5 17.3
100 11.8 10.6 15.8

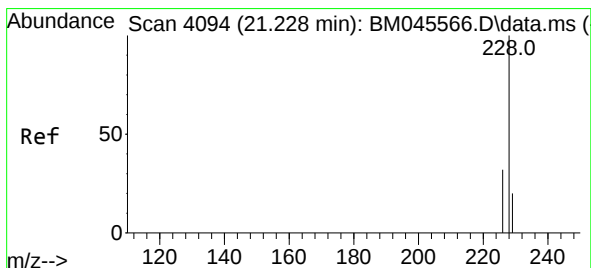
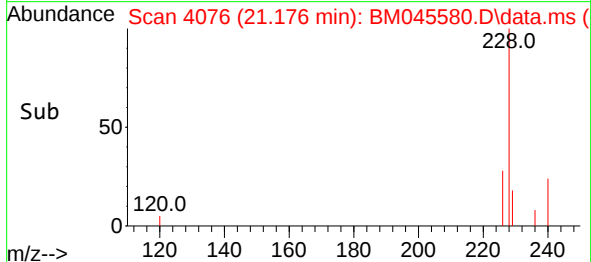
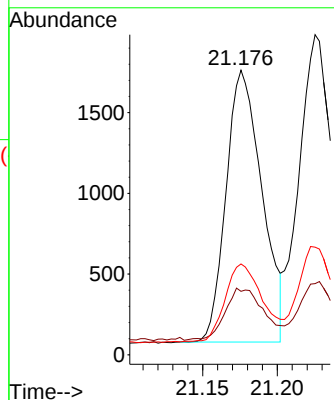
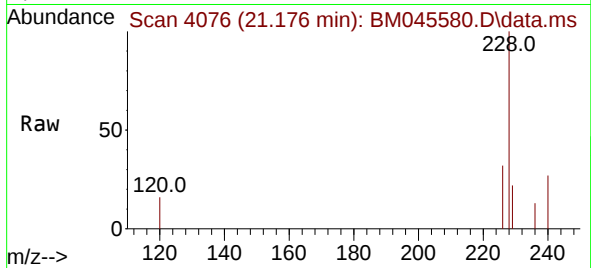




#21
Benzo(a)anthracene
Concen: 0.435 ng/ul
RT: 21.176 min Scan# 4076
Delta R.T. -0.006 min
Lab File: BM045580.D
Acq: 26 Apr 2024 01:49

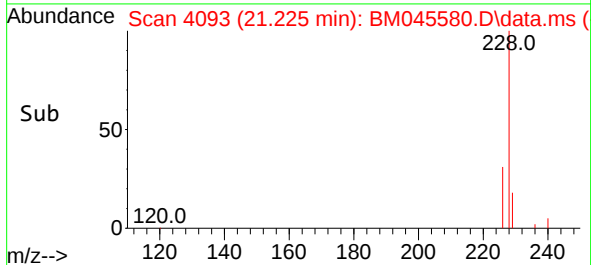
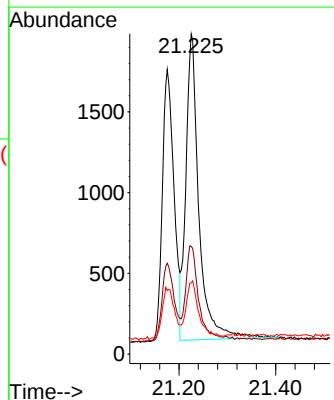
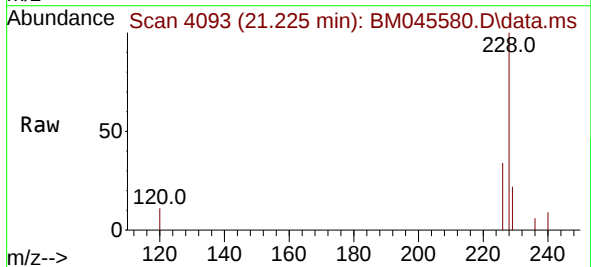
Instrument :
BNA_M
ClientSampleId :
SLCS234

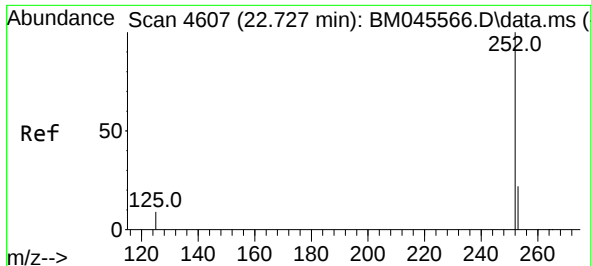
Tgt Ion:228 Resp: 2812
Ion Ratio Lower Upper
228 100
229 22.3 19.4 29.2
226 31.9 26.3 39.5



#22
Chrysene
Concen: 0.355 ng/ul
RT: 21.225 min Scan# 4093
Delta R.T. -0.003 min
Lab File: BM045580.D
Acq: 26 Apr 2024 01:49

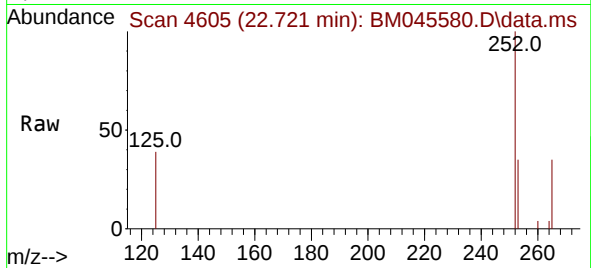
Tgt Ion:228 Resp: 3534
Ion Ratio Lower Upper
228 100
226 33.6 26.3 39.5
229 22.2 17.8 26.8



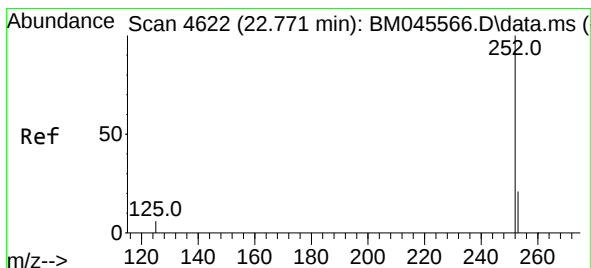
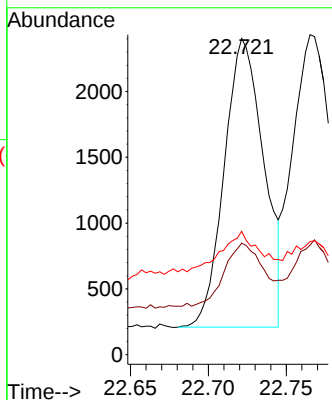


#24
Benzo(b)fluoranthene
Concen: 0.391 ng/ul
RT: 22.721 min Scan# 4605
Delta R.T. -0.009 min
Lab File: BM045580.D
Acq: 26 Apr 2024 01:49

Instrument :
BNA_M
ClientSampleId :
SLCS234

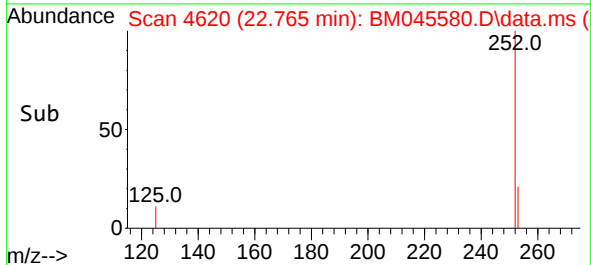
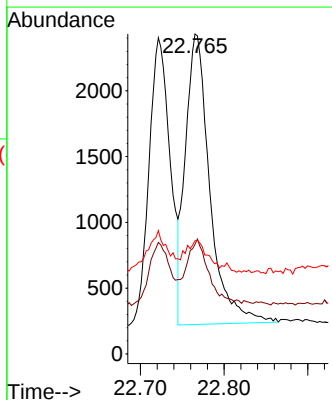
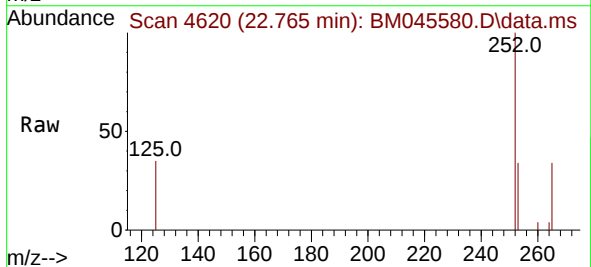


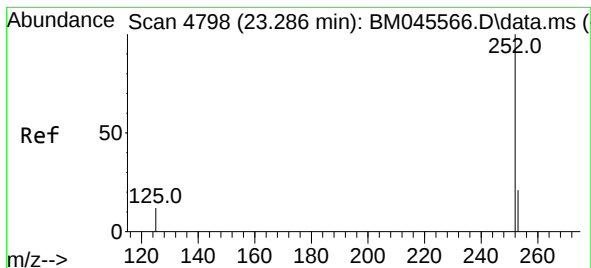
Tgt Ion:252 Resp: 3881
Ion Ratio Lower Upper
252 100
253 35.2 0.0 63.4
125 39.0 0.0 36.8#



#25
Benzo(k)fluoranthene
Concen: 0.357 ng/ul
RT: 22.765 min Scan# 4620
Delta R.T. -0.006 min
Lab File: BM045580.D
Acq: 26 Apr 2024 01:49

Tgt Ion:252 Resp: 4475
Ion Ratio Lower Upper
252 100
253 34.3 25.4 38.0
125 35.4 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.391 ng/ul

RT: 23.286 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM045580.D

Acq: 26 Apr 2024 01:49

Instrument :

BNA_M

ClientSampleId :

SLCS234

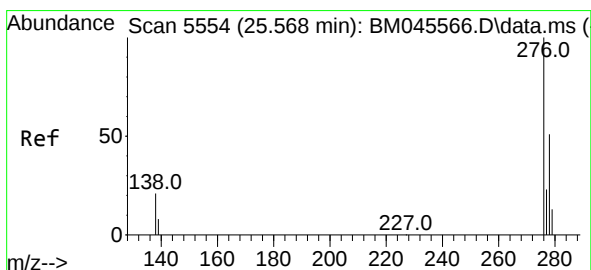
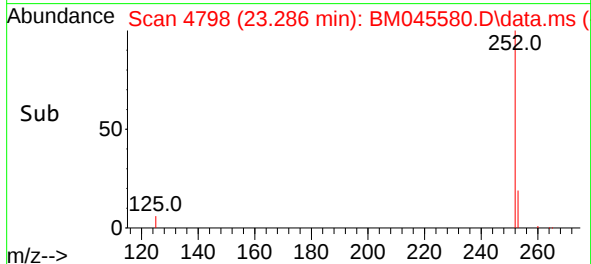
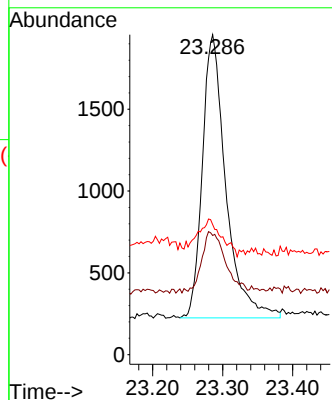
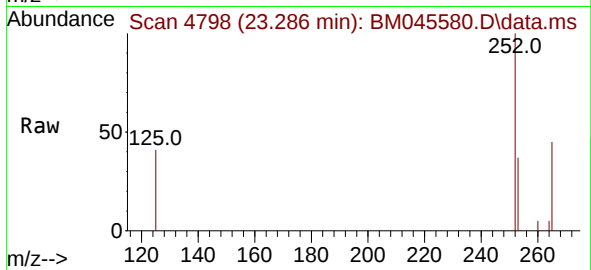
Tgt Ion:252 Resp: 4030

Ion Ratio Lower Upper

252 100

253 37.2 31.6 47.4

125 40.6 19.5 29.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.395 ng/ul

RT: 25.565 min Scan# 5553

Delta R.T. -0.007 min

Lab File: BM045580.D

Acq: 26 Apr 2024 01:49

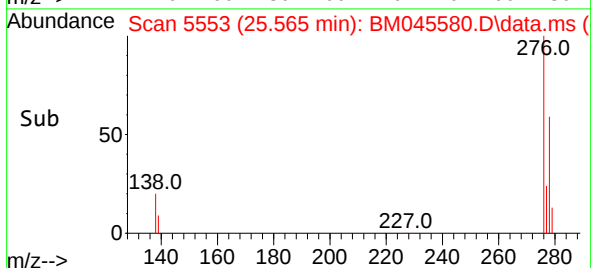
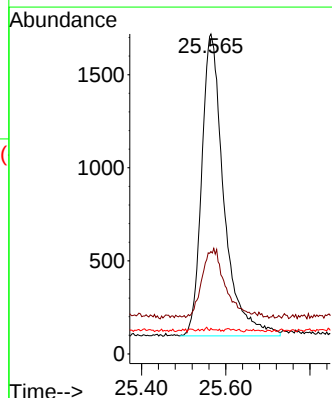
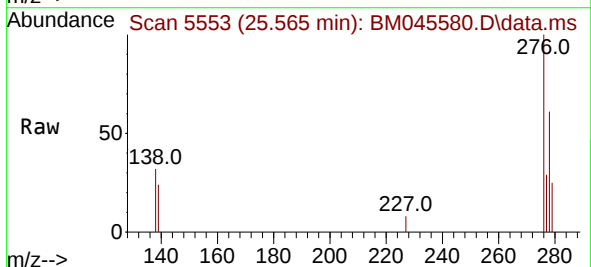
Tgt Ion:276 Resp: 5921

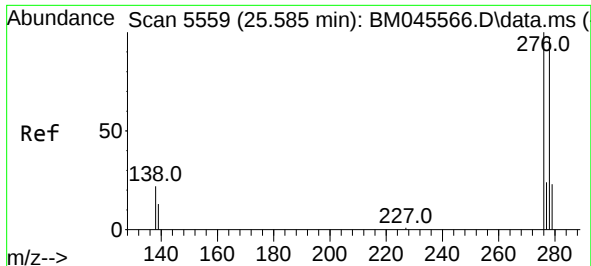
Ion Ratio Lower Upper

276 100

138 24.5 19.8 29.6

227 0.2 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.398 ng/ul

RT: 25.582 min Scan# 51

Delta R.T. -0.007 min

Lab File: BM045580.D

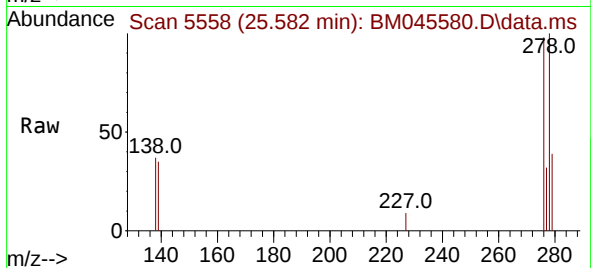
Acq: 26 Apr 2024 01:49

Instrument :

BNA_M

ClientSampleId :

SLCS234



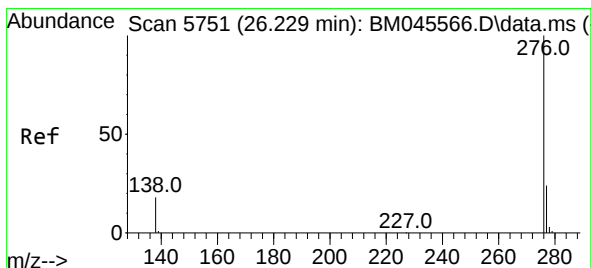
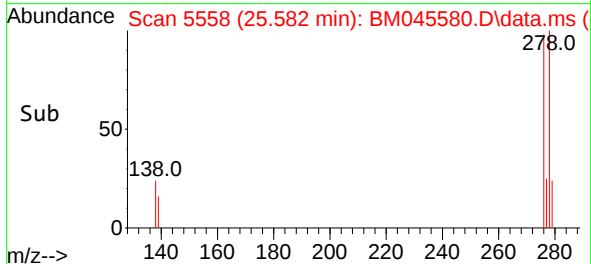
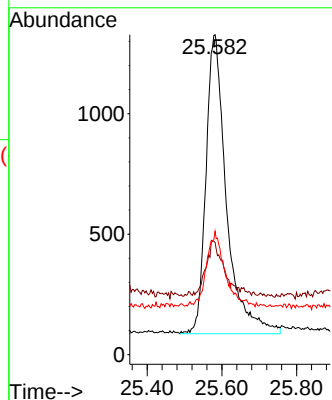
Tgt Ion:278 Resp: 4732

Ion Ratio Lower Upper

278 100

139 35.1 19.0 28.6#

279 38.6 29.4 44.2



#29

Benzo(g,h,i)perylene

Concen: 0.373 ng/ul

RT: 26.232 min Scan# 5752

Delta R.T. -0.003 min

Lab File: BM045580.D

Acq: 26 Apr 2024 01:49

Tgt Ion:276 Resp: 5014

Ion Ratio Lower Upper

276 100

138 31.7 20.8 31.2#

277 29.8 21.8 32.8

