

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045604.D
 Acq On : 27 Apr 2024 01:15
 Operator : MA/JU
 Sample : PB160562BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS562

Quant Time: Apr 27 01:54:10 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 : Fri Apr 26 23:51:18 2024
 Response via : Initial Calibration

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

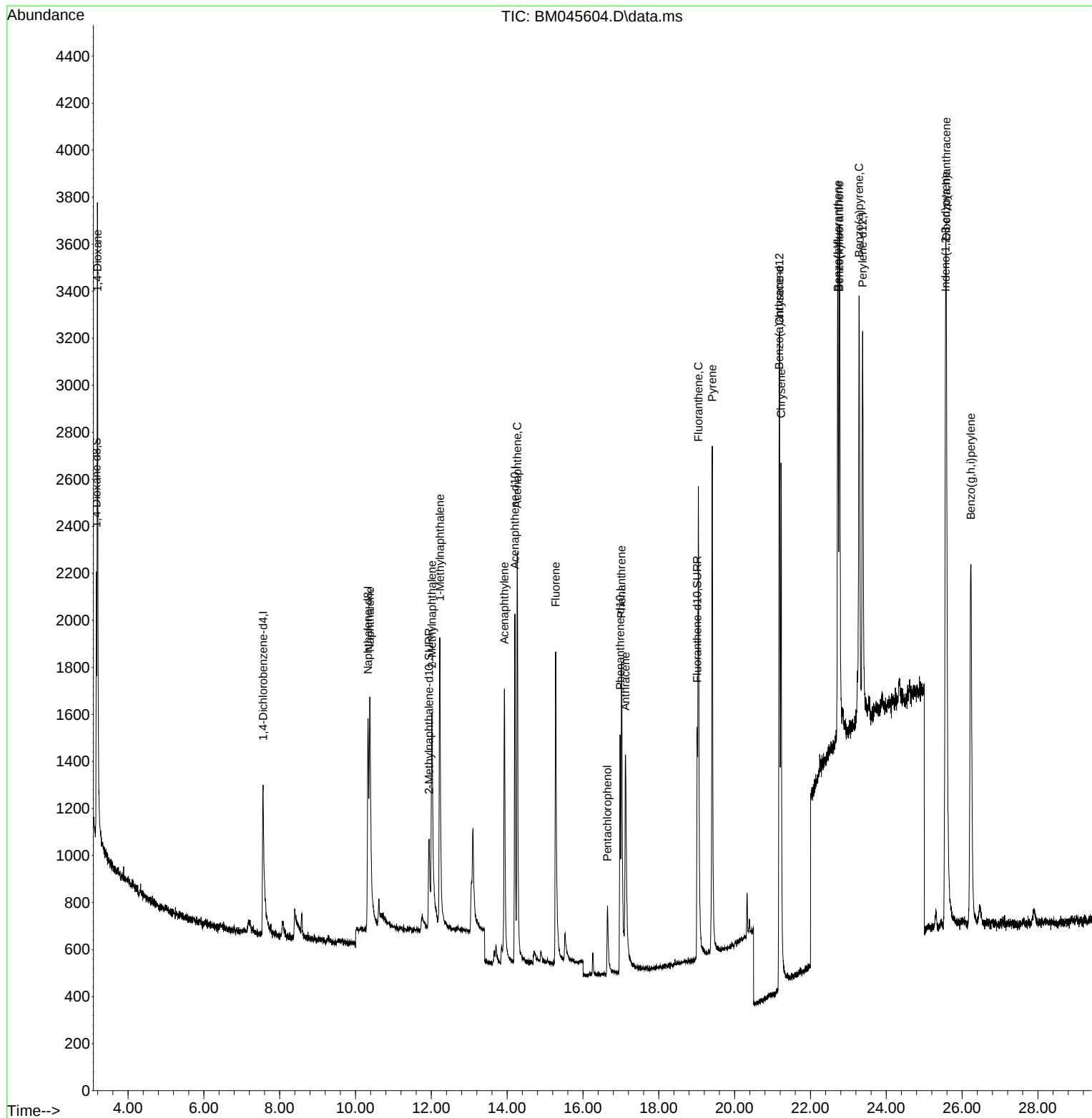
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	760	0.400	ng/ul	0.00
4) Naphthalene-d8	10.330	136	2277	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.206	164	1026	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.980	188	1833	0.400	ng/ul	0.00
17) Chrysene-d12	21.186	240	1651	0.400	ng/ul	0.00
23) Perylene-d12	23.378	264	2390	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	740	0.726	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.942	152	998	0.332	ng/ul	0.01
18) Fluoranthene-d10	19.016	212	1490	0.287	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.192	88	1888	1.927	ng/ul#	84
5) Naphthalene	10.380	128	2202	0.360	ng/ul	98
7) 2-Methylnaphthalene	12.013	142	1205	0.345	ng/ul	96
8) 1-Methylnaphthalene	12.228	142	1266	0.323	ng/ul	94
10) Acenaphthylene	13.928	152	1942	0.384	ng/ul	99
11) Acenaphthene	14.266	153	1335	0.355	ng/ul	98
12) Fluorene	15.279	166	1390	0.346	ng/ul	92
14) Pentachlorophenol	16.647	266	351	0.960	ng/ul	93
15) Phenanthrene	17.018	178	1891	0.354	ng/ul	98
16) Anthracene	17.124	178	2051	0.411	ng/ul	96
19) Fluoranthene	19.044	202	2344	0.308	ng/ul	97
20) Pyrene	19.411	202	2428	0.310	ng/ul	96
21) Benzo(a)anthracene	21.175	228	2214	0.420	ng/ul	97
22) Chrysene	21.224	228	2669	0.329	ng/ul	99
24) Benzo(b)fluoranthene	22.723	252	2995	0.373	ng/ul	92
25) Benzo(k)fluoranthene	22.764	252	3308	0.326	ng/ul#	93
26) Benzo(a)pyrene	23.282	252	3036	0.364	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.567	276	4500	0.371	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.584	278	3514	0.366	ng/ul	98
29) Benzo(g,h,i)perylene	26.235	276	3702	0.340	ng/ul	99

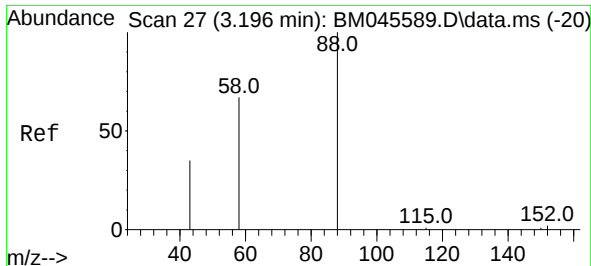
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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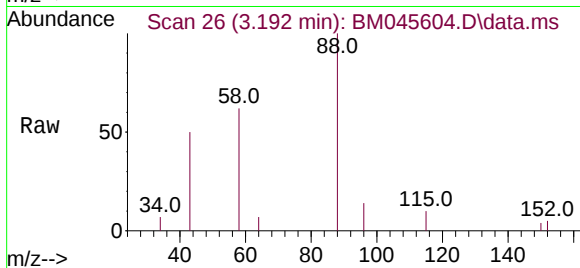
Quant Time: Apr 27 01:54:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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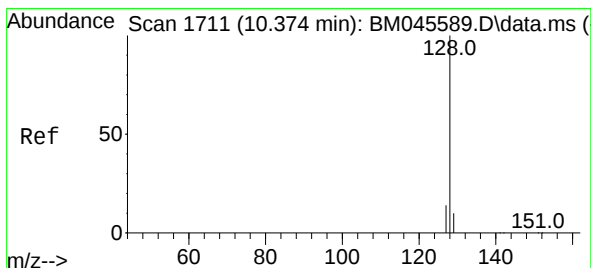
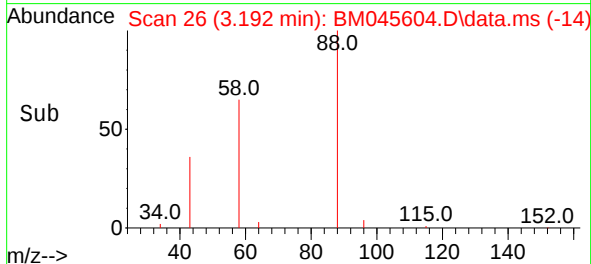
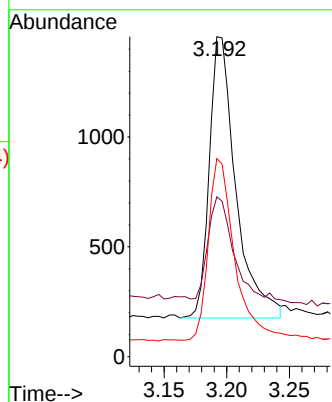


#2
1,4-Dioxane
Concen: 1.927 ng/ul
RT: 3.192 min Scan# 20
Delta R.T. -0.008 min
Lab File: BM045604.D
Acq: 27 Apr 2024 01:15

Instrument :
BNA_M
ClientSampleId :
SLCS562

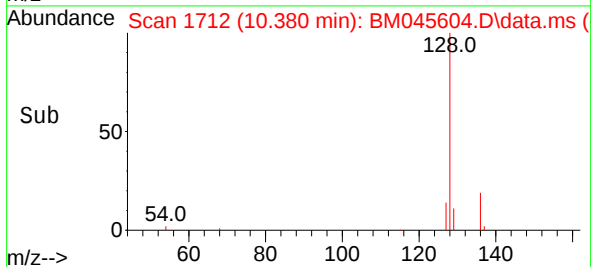
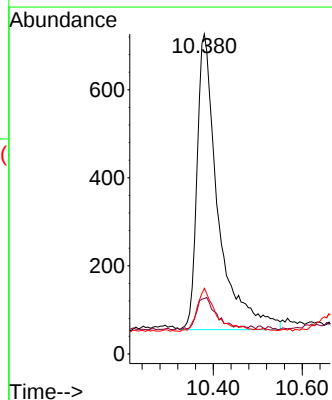
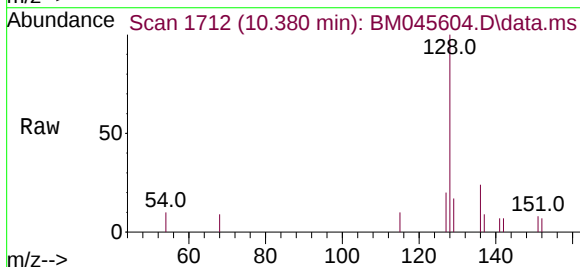


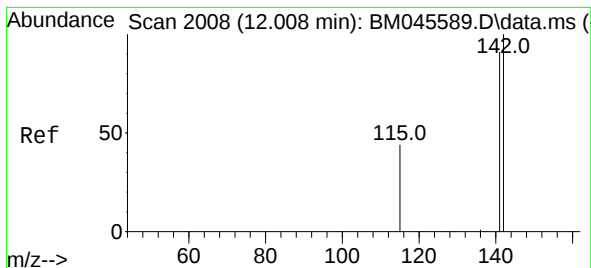
Tgt Ion: 88 Resp: 1888
Ion Ratio Lower Upper
88 100
43 50.0 36.8 55.2
58 61.9 35.4 53.2#



#5
Naphthalene
Concen: 0.360 ng/ul
RT: 10.380 min Scan# 1712
Delta R.T. -0.000 min
Lab File: BM045604.D
Acq: 27 Apr 2024 01:15

Tgt Ion:128 Resp: 2202
Ion Ratio Lower Upper
128 100
129 17.3 14.0 21.0
127 20.5 15.4 23.2

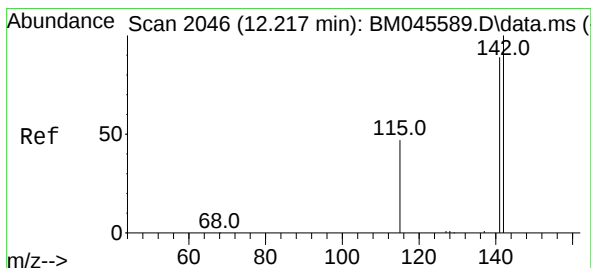
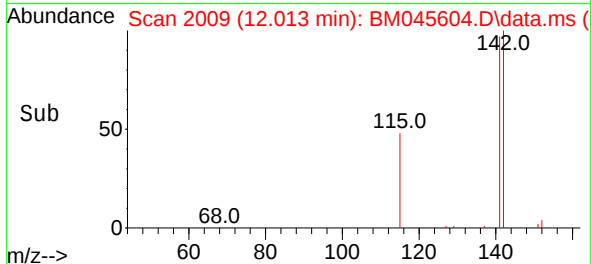
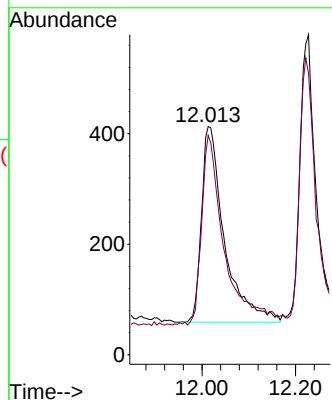
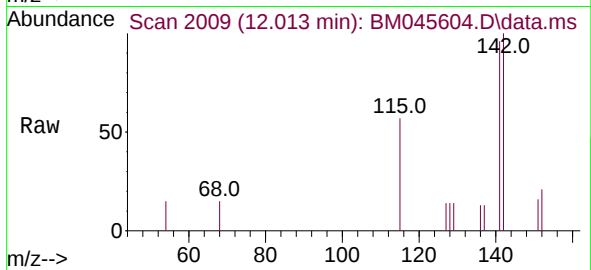




#7
2-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.013 min Scan# 2009
Delta R.T. 0.005 min
Lab File: BM045604.D
Acq: 27 Apr 2024 01:15

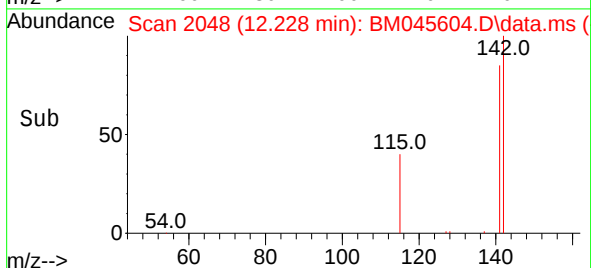
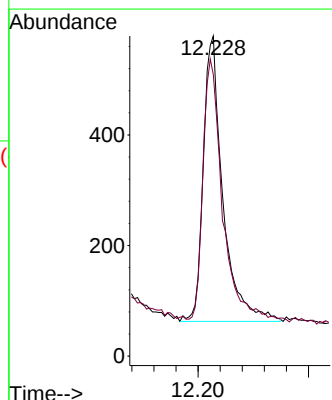
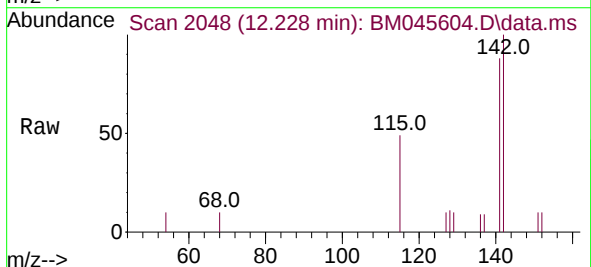
Instrument :
BNA_M
ClientSampleId :
SLCS562

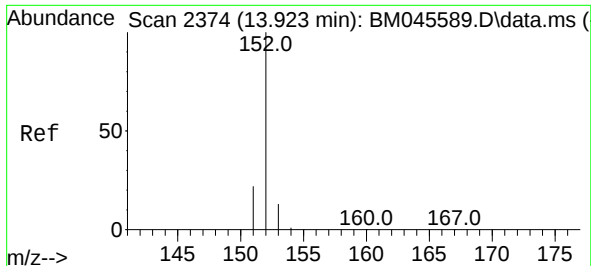
Tgt Ion:142 Resp: 1205
Ion Ratio Lower Upper
142 100
141 97.1 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.323 ng/ul
RT: 12.228 min Scan# 2048
Delta R.T. 0.005 min
Lab File: BM045604.D
Acq: 27 Apr 2024 01:15

Tgt Ion:142 Resp: 1266
Ion Ratio Lower Upper
142 100
141 89.5 76.1 114.1

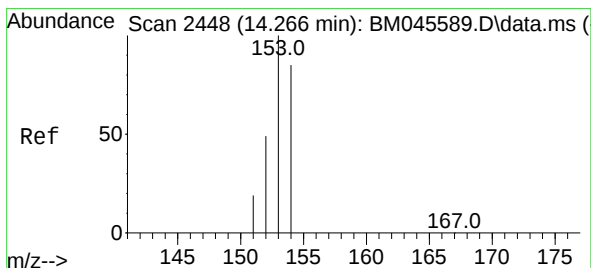
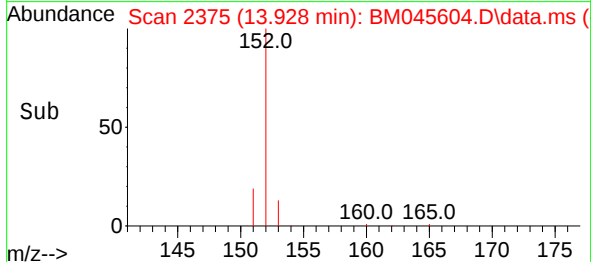
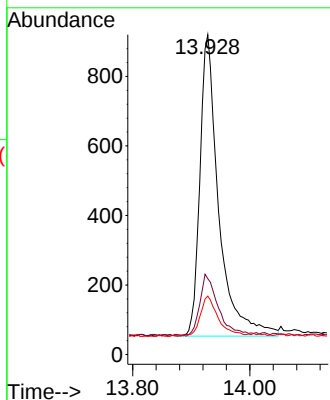
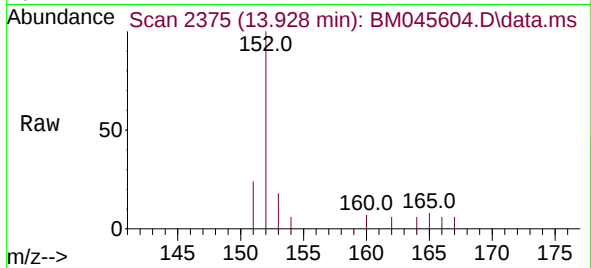




#10
Acenaphthylene
Concen: 0.384 ng/ul
RT: 13.928 min Scan# 24
Delta R.T. 0.001 min
Lab File: BM045604.D
Acq: 27 Apr 2024 01:15

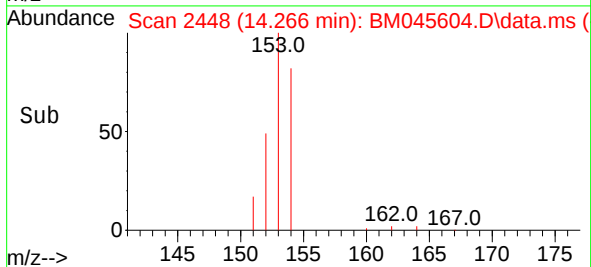
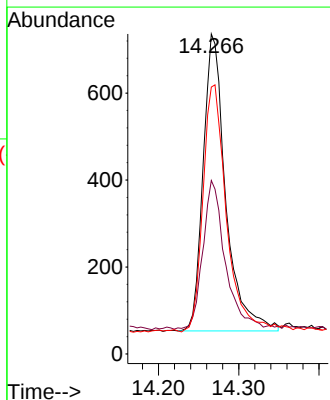
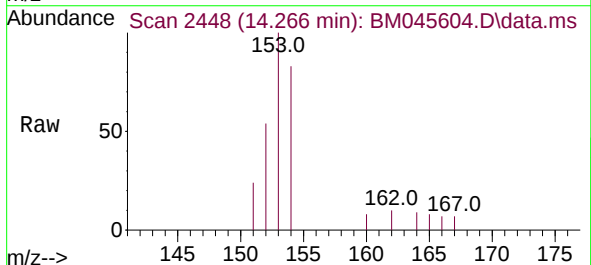
Instrument :
BNA_M
ClientSampleId :
SLCS562

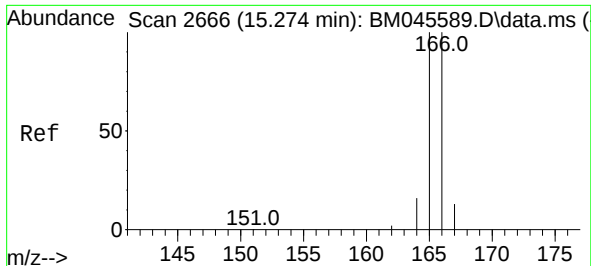
Tgt Ion:152 Resp: 1942
Ion Ratio Lower Upper
152 100
151 23.7 18.6 28.0
153 18.3 14.1 21.1



#11
Acenaphthene
Concen: 0.355 ng/ul
RT: 14.266 min Scan# 2448
Delta R.T. -0.004 min
Lab File: BM045604.D
Acq: 27 Apr 2024 01:15

Tgt Ion:153 Resp: 1335
Ion Ratio Lower Upper
153 100
152 54.2 43.4 65.2
154 83.4 69.0 103.6

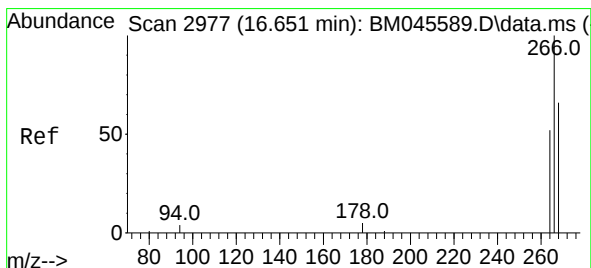
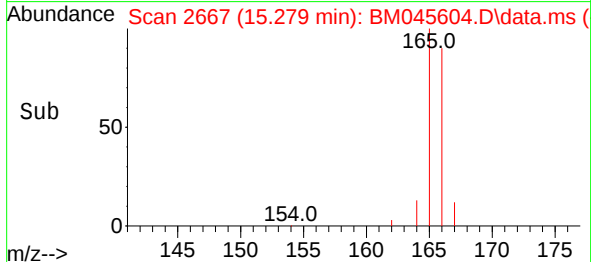
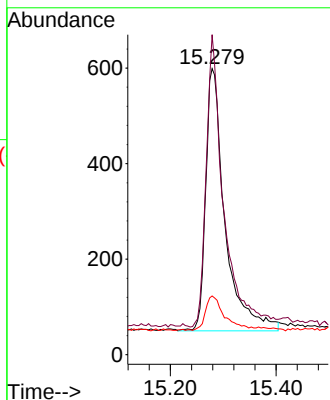
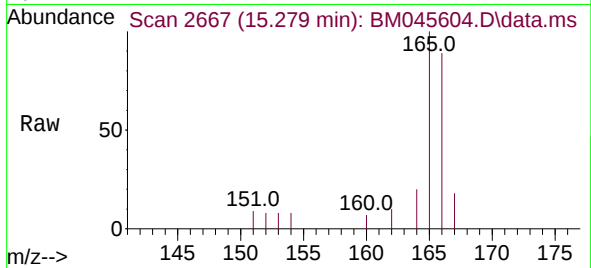




#12
 Fluorene
 Concen: 0.346 ng/ul
 RT: 15.279 min Scan# 2
 Delta R.T. 0.001 min
 Lab File: BM045604.D
 Acq: 27 Apr 2024 01:15

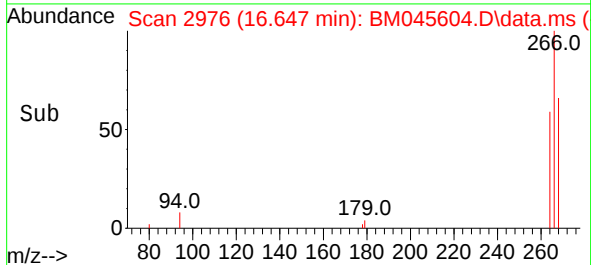
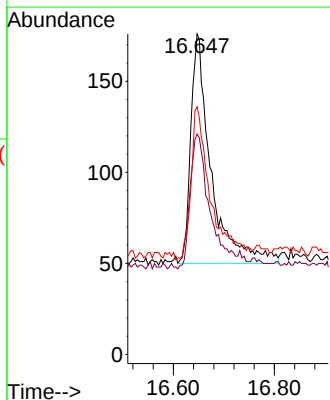
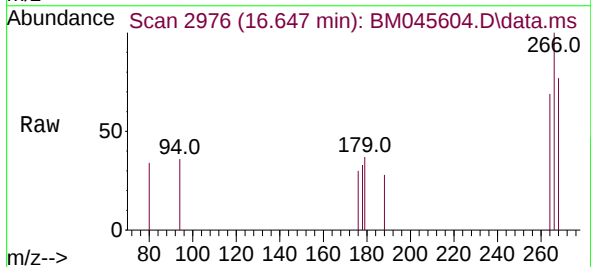
Instrument :
 BNA_M
 ClientSampleId :
 SLCS562

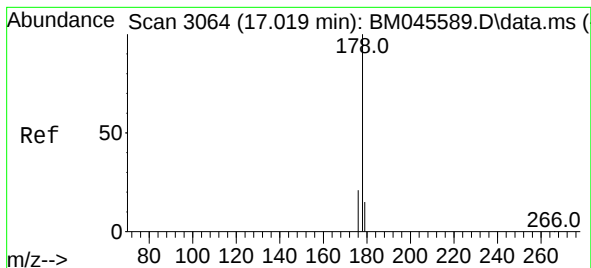
Tgt Ion:166 Resp: 1390
 Ion Ratio Lower Upper
 166 100
 165 111.9 82.2 123.2
 167 20.5 14.8 22.2



#14
 Pentachlorophenol
 Concen: 0.960 ng/ul
 RT: 16.647 min Scan# 2976
 Delta R.T. -0.003 min
 Lab File: BM045604.D
 Acq: 27 Apr 2024 01:15

Tgt Ion:266 Resp: 351
 Ion Ratio Lower Upper
 266 100
 264 59.3 45.5 68.3
 268 62.4 56.1 84.1





#15

Phenanthrene

Concen: 0.354 ng/ul

RT: 17.018 min Scan# 3064

Delta R.T. -0.003 min

Lab File: BM045604.D

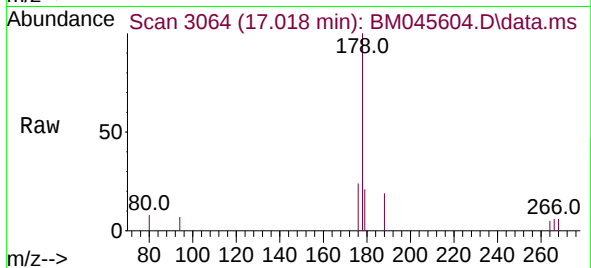
Acq: 27 Apr 2024 01:15

Instrument :

BNA_M

ClientSampleId :

SLCS562



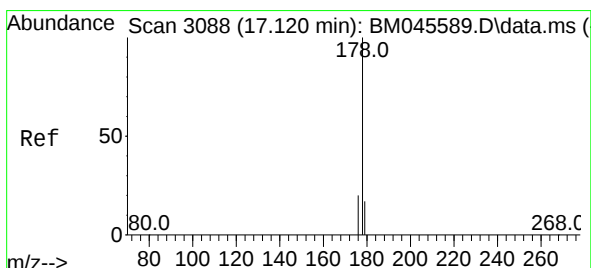
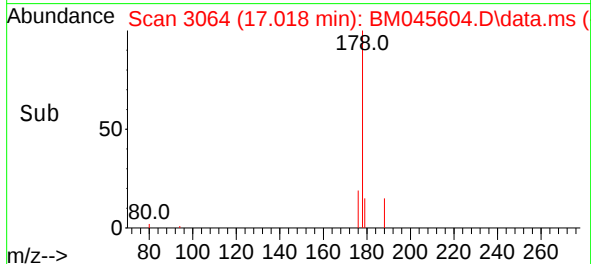
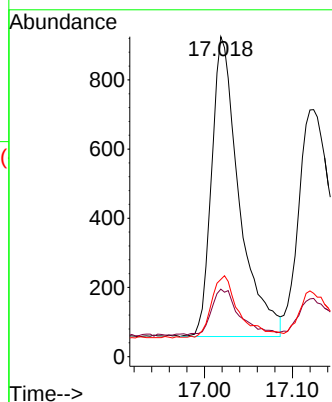
Tgt Ion:178 Resp: 1891

Ion Ratio Lower Upper

178 100

179 21.1 15.4 23.2

176 24.1 19.0 28.4



#16

Anthracene

Concen: 0.411 ng/ul

RT: 17.124 min Scan# 3089

Delta R.T. 0.005 min

Lab File: BM045604.D

Acq: 27 Apr 2024 01:15

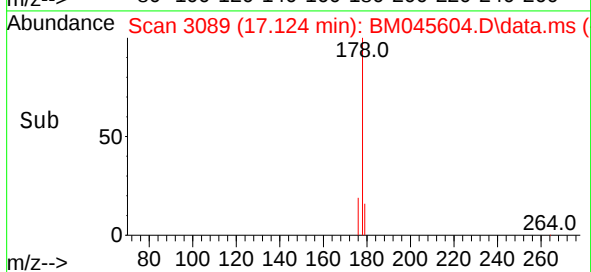
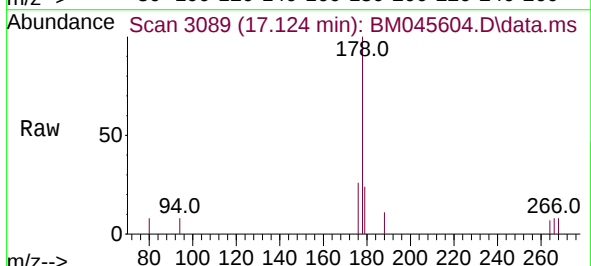
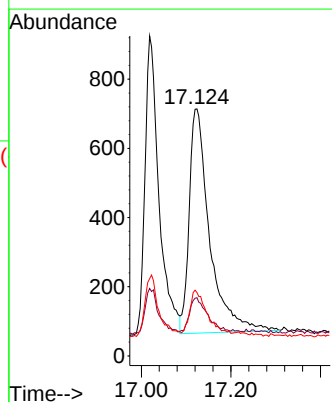
Tgt Ion:178 Resp: 2051

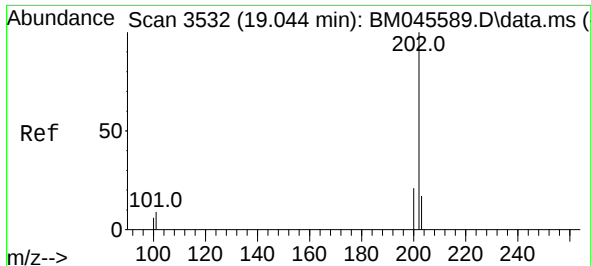
Ion Ratio Lower Upper

178 100

179 23.5 17.8 26.6

176 25.6 18.7 28.1





#19

Fluoranthene

Concen: 0.308 ng/ul

RT: 19.044 min Scan# 3532

Delta R.T. -0.004 min

Lab File: BM045604.D

Acq: 27 Apr 2024 01:15

Instrument :

BNA_M

ClientSampleId :

SLCS562

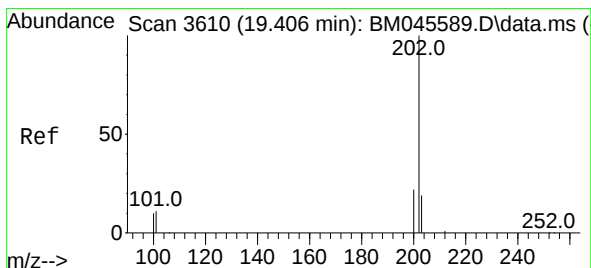
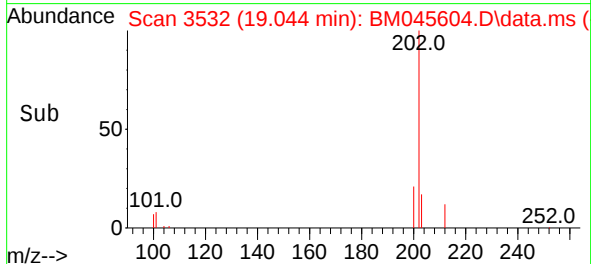
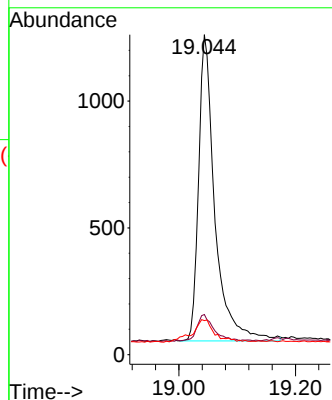
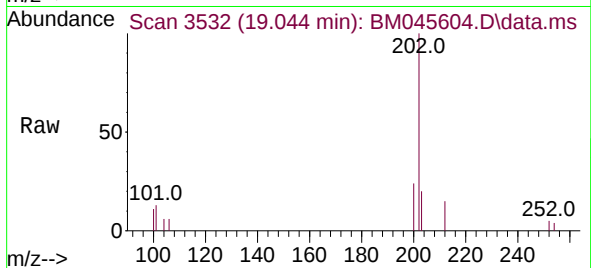
Tgt Ion:202 Resp: 2344

Ion Ratio Lower Upper

202 100

101 12.5 11.2 16.8

100 10.6 9.1 13.7



#20

Pyrene

Concen: 0.310 ng/ul

RT: 19.411 min Scan# 3611

Delta R.T. -0.004 min

Lab File: BM045604.D

Acq: 27 Apr 2024 01:15

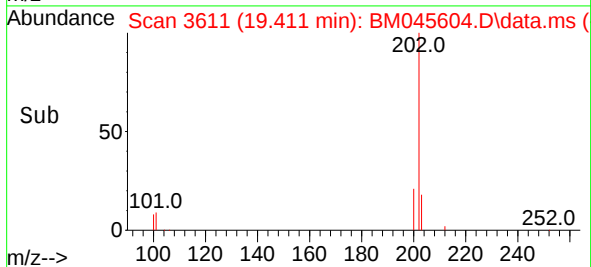
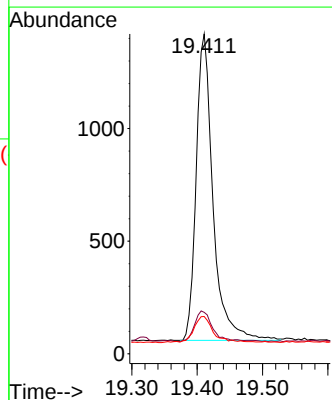
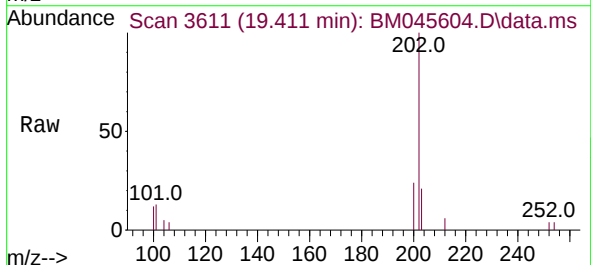
Tgt Ion:202 Resp: 2428

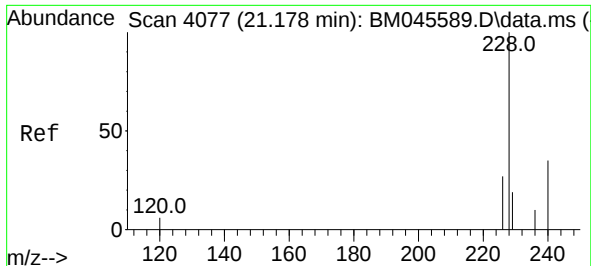
Ion Ratio Lower Upper

202 100

101 13.0 11.5 17.3

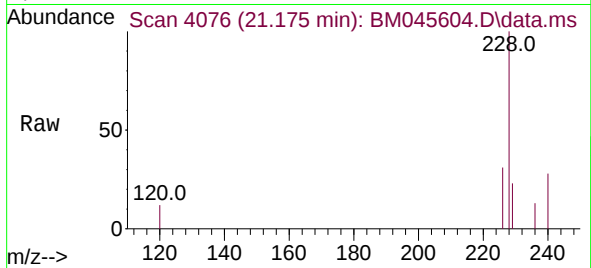
100 11.7 10.6 15.8



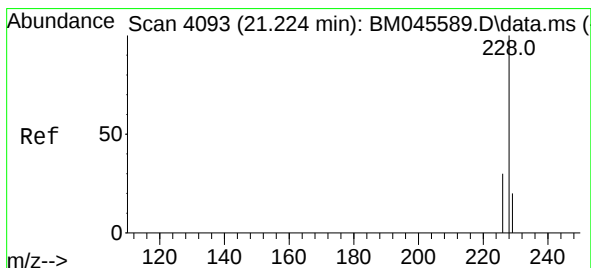
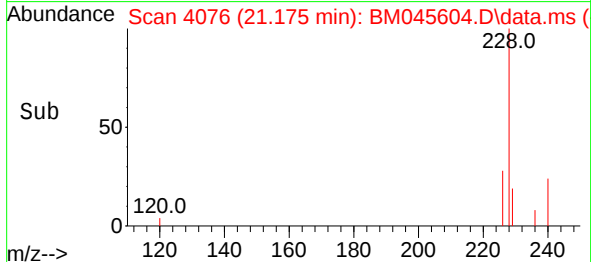
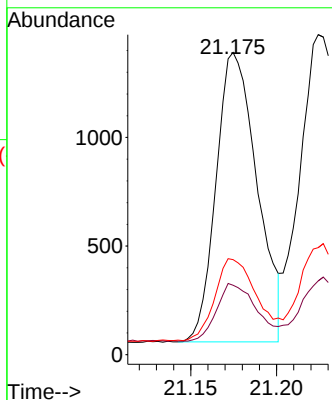


#21
Benzo(a)anthracene
Concen: 0.420 ng/ul
RT: 21.175 min Scan# 4076
Delta R.T. -0.007 min
Lab File: BM045604.D
Acq: 27 Apr 2024 01:15

Instrument :
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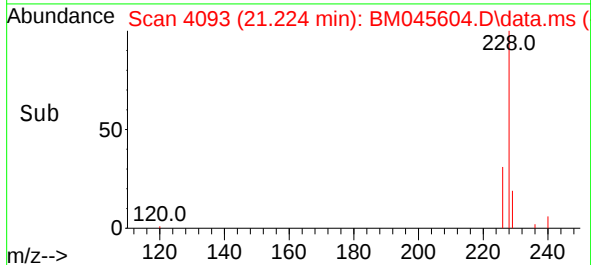
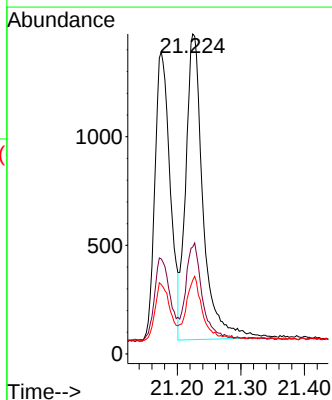
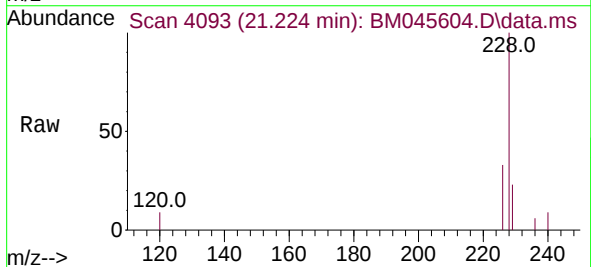


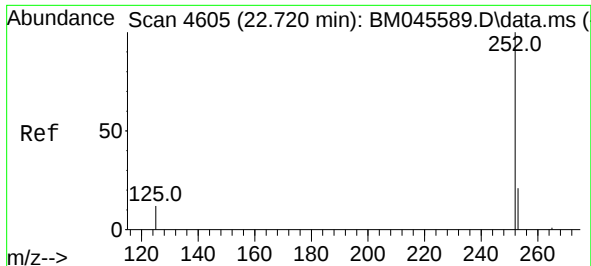
Tgt Ion:228 Resp: 2214
Ion Ratio Lower Upper
228 100
229 23.0 19.4 29.2
226 31.5 26.3 39.5



#22
Chrysene
Concen: 0.329 ng/ul
RT: 21.224 min Scan# 4093
Delta R.T. -0.004 min
Lab File: BM045604.D
Acq: 27 Apr 2024 01:15

Tgt Ion:228 Resp: 2669
Ion Ratio Lower Upper
228 100
226 33.5 26.3 39.5
229 23.1 17.8 26.8





#24

Benzo(b)fluoranthene

Concen: 0.373 ng/ul

RT: 22.723 min Scan# 4606

Delta R.T. -0.007 min

Lab File: BM045604.D

Acq: 27 Apr 2024 01:15

Instrument :

BNA_M

ClientSampleId :

SLCS562

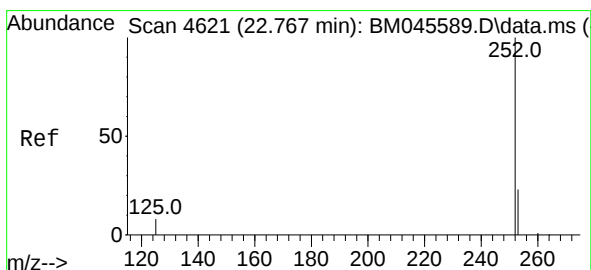
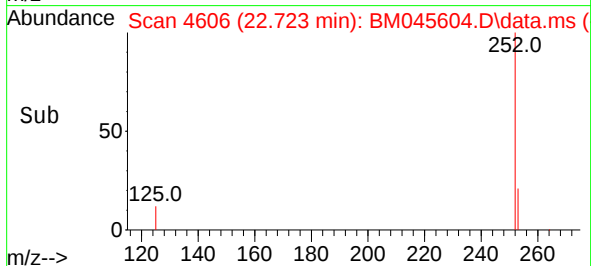
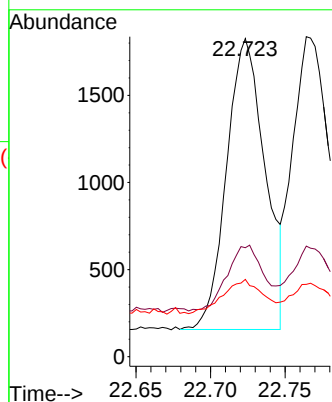
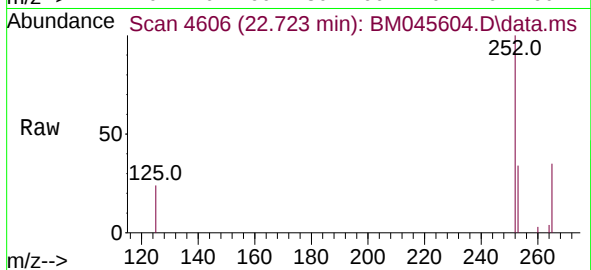
Tgt Ion:252 Resp: 2995

Ion Ratio Lower Upper

252 100

253 34.3 0.0 63.4

125 24.3 0.0 36.8



#25

Benzo(k)fluoranthene

Concen: 0.326 ng/ul

RT: 22.764 min Scan# 4620

Delta R.T. -0.007 min

Lab File: BM045604.D

Acq: 27 Apr 2024 01:15

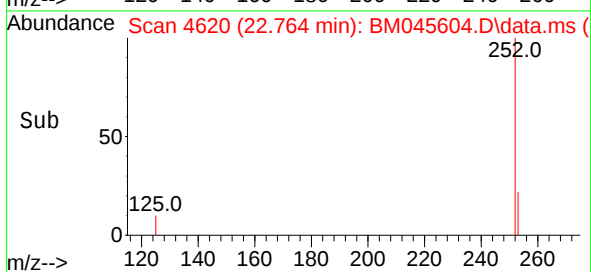
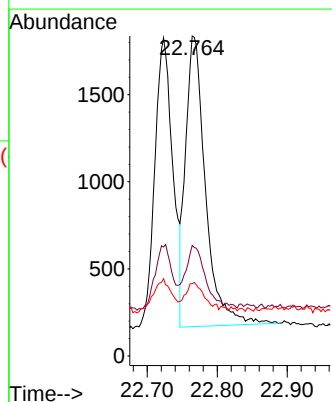
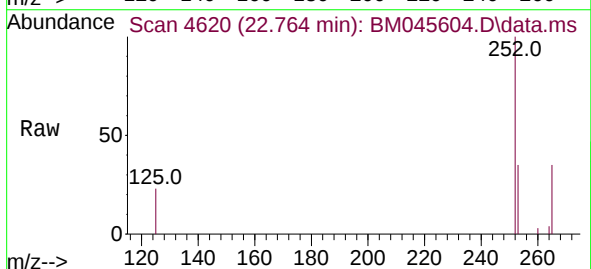
Tgt Ion:252 Resp: 3308

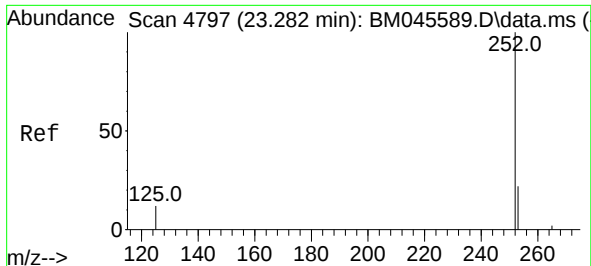
Ion Ratio Lower Upper

252 100

253 34.6 25.4 38.0

125 22.6 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.364 ng/ul

RT: 23.282 min Scan# 41

Delta R.T. -0.010 min

Lab File: BM045604.D

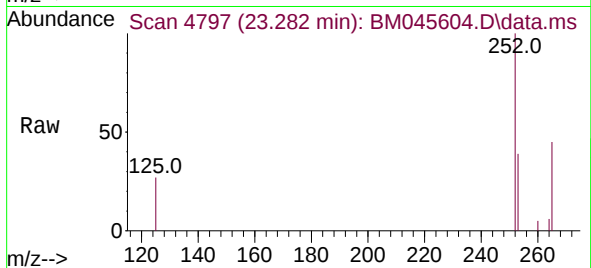
Acq: 27 Apr 2024 01:15

Instrument :

BNA_M

ClientSampleId :

SLCS562



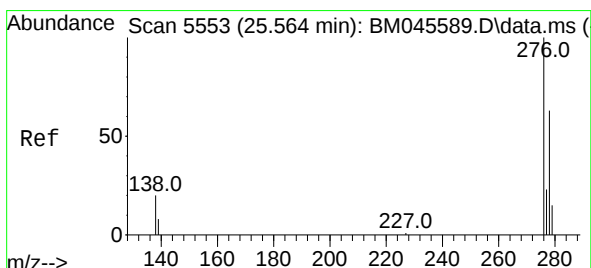
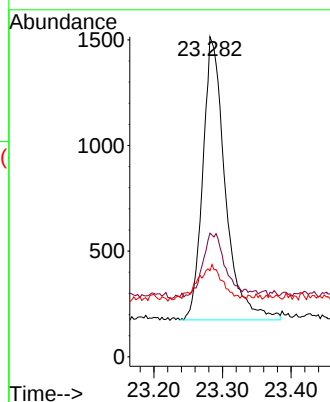
Tgt Ion:252 Resp: 3036

Ion Ratio Lower Upper

252 100

253 38.6 31.6 47.4

125 26.9 19.5 29.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.371 ng/ul

RT: 25.567 min Scan# 5554

Delta R.T. -0.004 min

Lab File: BM045604.D

Acq: 27 Apr 2024 01:15

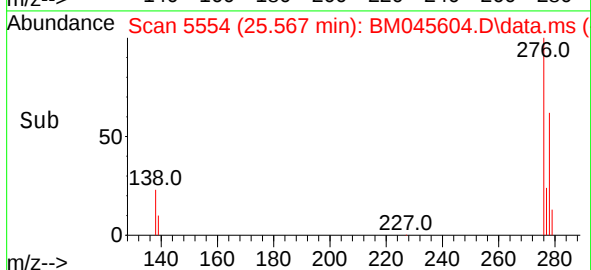
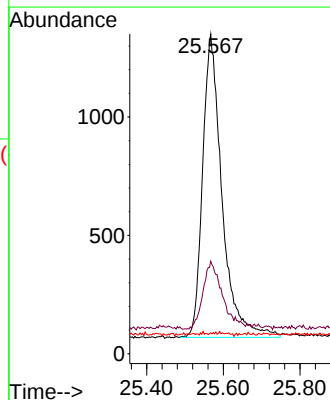
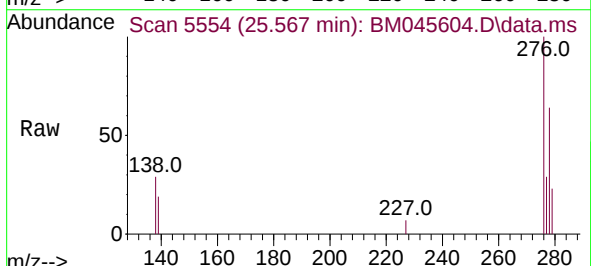
Tgt Ion:276 Resp: 4500

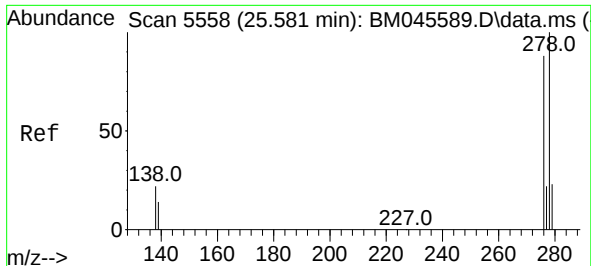
Ion Ratio Lower Upper

276 100

138 22.5 19.8 29.6

227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.366 ng/ul

RT: 25.584 min Scan# 51

Delta R.T. -0.004 min

Lab File: BM045604.D

Acq: 27 Apr 2024 01:15

Instrument :

BNA_M

ClientSampleId :

SLCS562

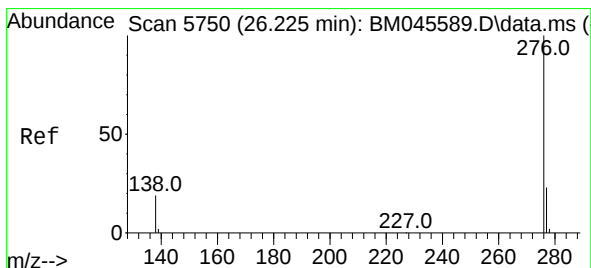
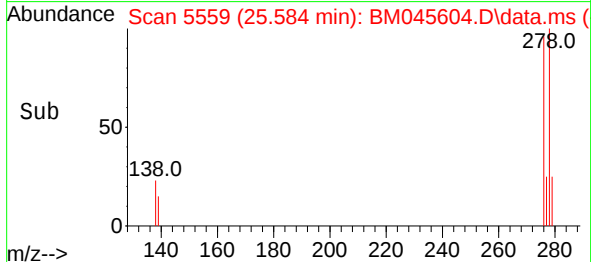
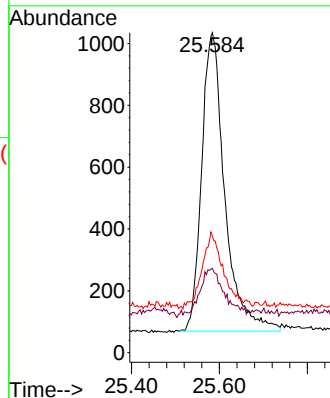
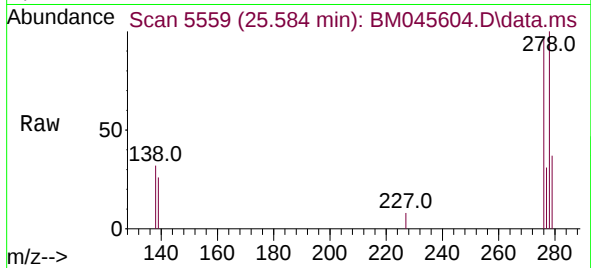
Tgt Ion:278 Resp: 3514

Ion Ratio Lower Upper

278 100

139 26.4 19.0 28.6

279 36.5 29.4 44.2



#29

Benzo(g,h,i)perylene

Concen: 0.340 ng/ul

RT: 26.235 min Scan# 5753

Delta R.T. -0.001 min

Lab File: BM045604.D

Acq: 27 Apr 2024 01:15

Tgt Ion:276 Resp: 3702

Ion Ratio Lower Upper

276 100

138 26.1 20.8 31.2

277 28.3 21.8 32.8

