

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042024\
 Data File : BM045470.D
 Acq On : 21 Apr 2024 19:58
 Operator : MA/JU
 Sample : PB160405BS
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS405

Quant Time: Apr 22 02:05:44 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 : Mon Apr 22 02:01:19 2024
 Response via : Initial Calibration

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

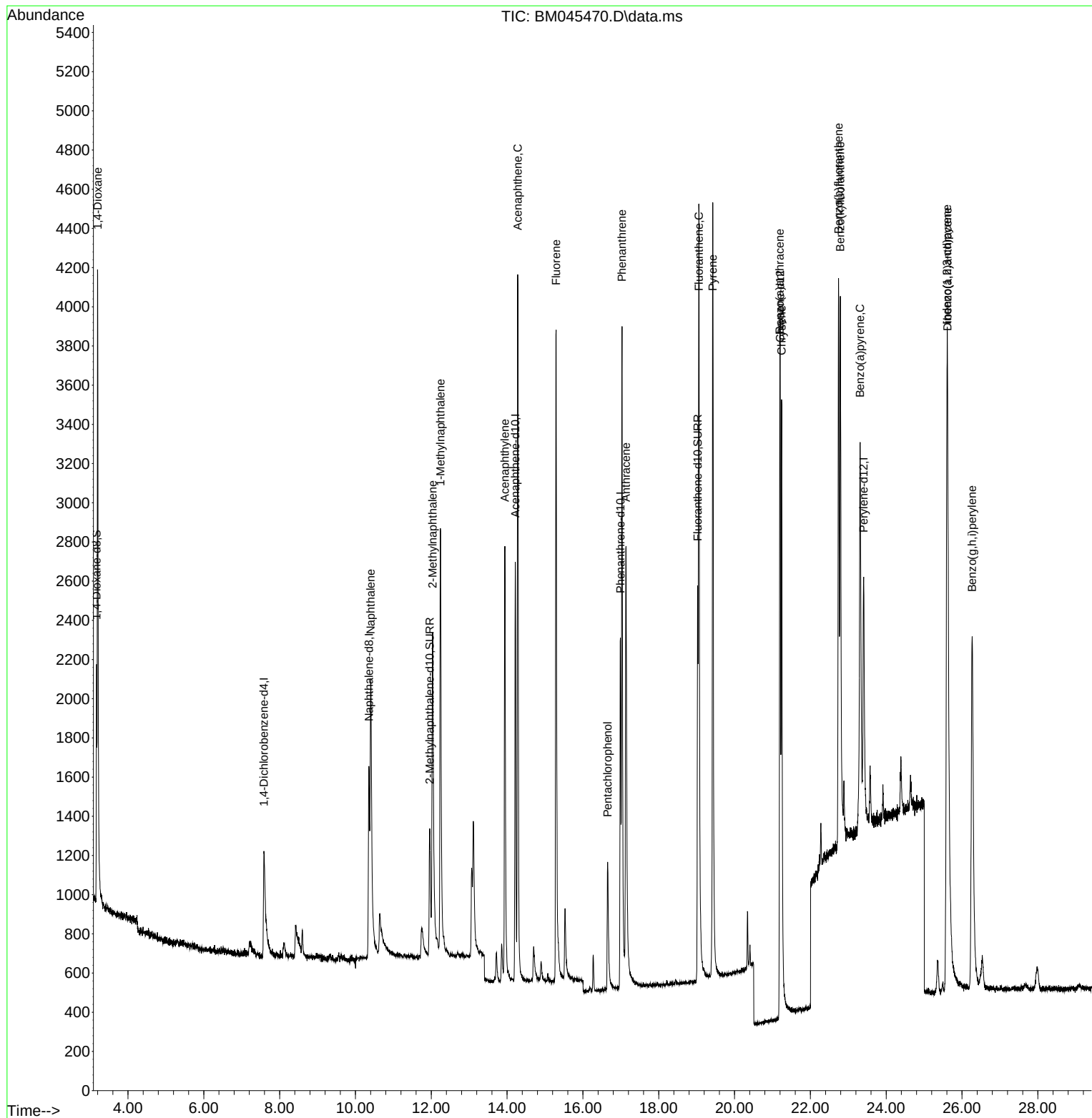
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.585	152	772	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.353	136	2443	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.214	164	1385	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.988	188	2903	0.400	ng/ul	-0.02
17) Chrysene-d12	21.205	240	1628	0.400	ng/ul	0.00
23) Perylene-d12	23.406	264	2087	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.171	96	861	0.832	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.958	152	1572	0.488	ng/ul	-0.02
18) Fluoranthene-d10	19.024	212	2984	0.582	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.201	88	2346	2.357	ng/ul#	83
5) Naphthalene	10.402	128	3152	0.480	ng/ul	97
7) 2-Methylnaphthalene	12.035	142	1996	0.533	ng/ul	99
8) 1-Methylnaphthalene	12.244	142	2090	0.497	ng/ul	99
10) Acenaphthylene	13.941	152	3474	0.509	ng/ul	98
11) Acenaphthene	14.279	153	2575	0.508	ng/ul	99
12) Fluorene	15.292	166	2905	0.535	ng/ul	97
14) Pentachlorophenol	16.651	266	746	1.289	ng/ul	93
15) Phenanthrene	17.031	178	4353	0.515	ng/ul	95
16) Anthracene	17.136	178	4320	0.546	ng/ul	95
19) Fluoranthene	19.062	202	4609	0.613	ng/ul#	94
20) Pyrene	19.424	202	4698	0.608	ng/ul	95
21) Benzo(a)anthracene	21.193	228	3128	0.601	ng/ul	97
22) Chrysene	21.240	228	4049	0.506	ng/ul	99
24) Benzo(b)fluoranthene	22.742	252	3996	0.569	ng/ul	100
25) Benzo(k)fluoranthene	22.789	252	4676	0.527	ng/ul	99
26) Benzo(a)pyrene	23.312	252	4029	0.553	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.602	276	5882	0.556	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.619	278	4662	0.555	ng/ul	95
29) Benzo(g,h,i)perylene	26.266	276	5058	0.532	ng/ul	97

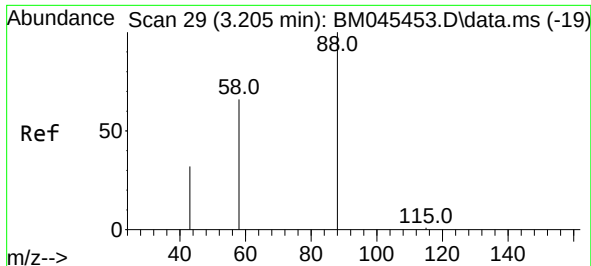
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042024\
Data File : BM045470.D
Acq On : 21 Apr 2024 19:58
Operator : MA/JU
Sample : PB160405BS
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS405

Quant Time: Apr 22 02:05:44 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 : Mon Apr 22 02:01:19 2024
Response via : Initial Calibration

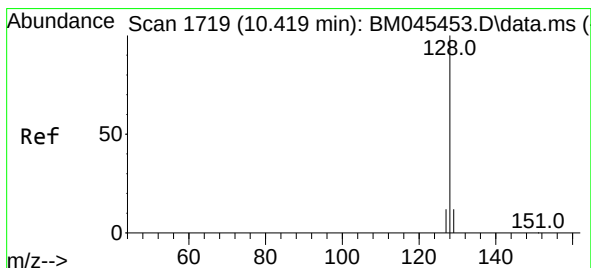
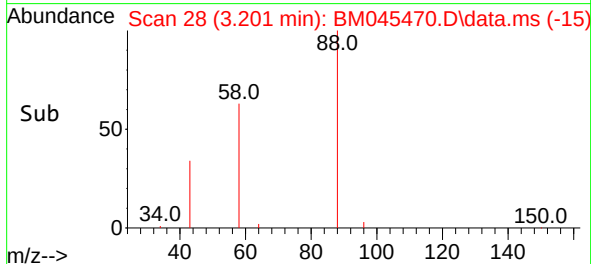
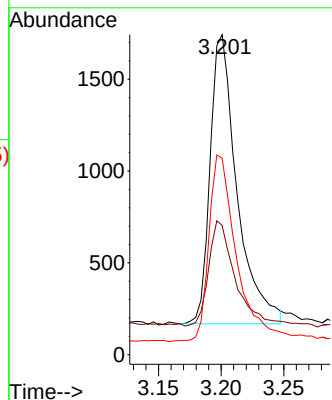
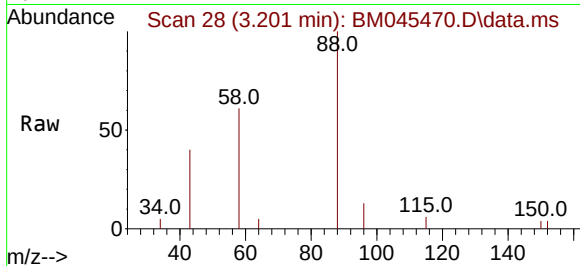




#2
1,4-Dioxane
Concen: 2.357 ng/ul
RT: 3.201 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM045470.D
Acq: 21 Apr 2024 19:58

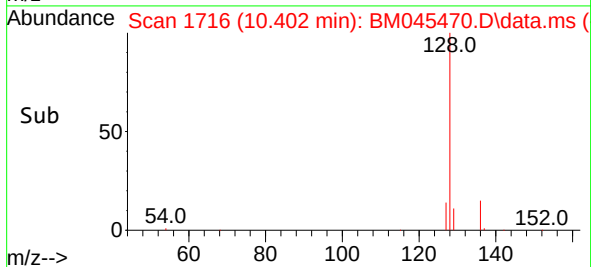
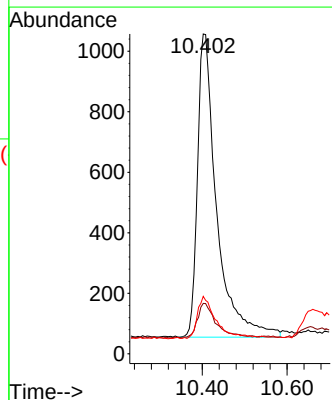
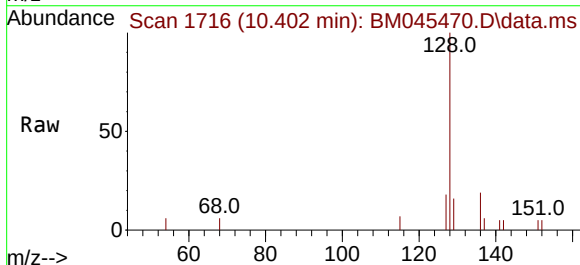
Instrument :
BNA_M
ClientSampleId :
SLCS405

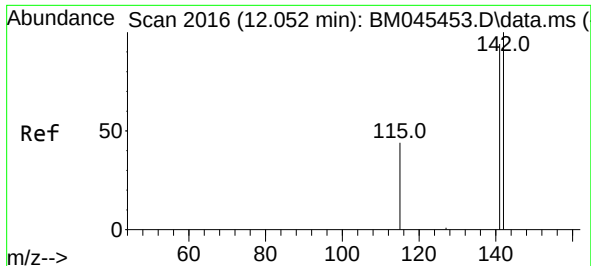
Tgt Ion: 88 Resp: 2346
Ion Ratio Lower Upper
88 100
43 40.4 36.8 55.2
58 61.4 35.4 53.2#



#5
Naphthalene
Concen: 0.480 ng/ul
RT: 10.402 min Scan# 1716
Delta R.T. -0.016 min
Lab File: BM045470.D
Acq: 21 Apr 2024 19:58

Tgt Ion: 128 Resp: 3152
Ion Ratio Lower Upper
128 100
129 15.8 14.0 21.0
127 18.0 15.4 23.2

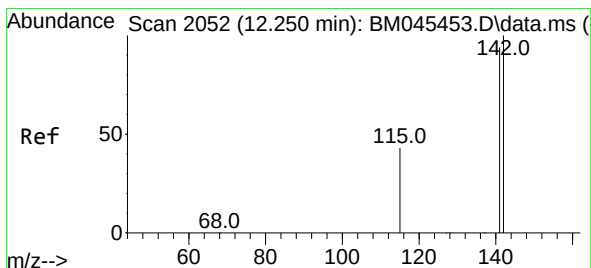
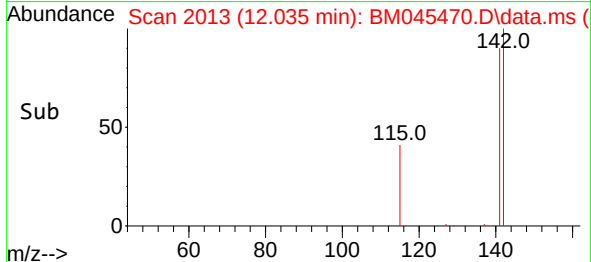
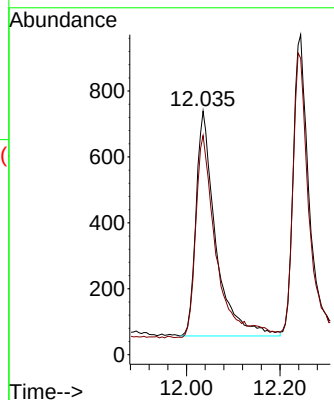
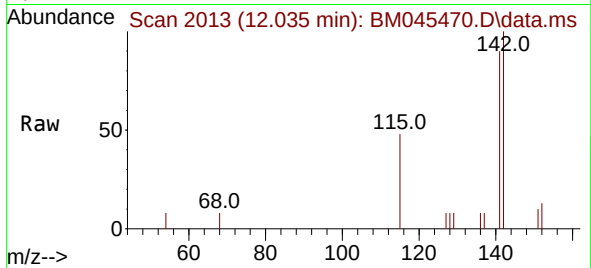




#7
2-Methylnaphthalene
Concen: 0.533 ng/ul
RT: 12.035 min Scan# 2013
Delta R.T. -0.016 min
Lab File: BM045470.D
Acq: 21 Apr 2024 19:58

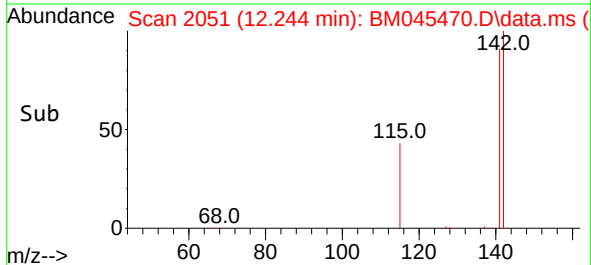
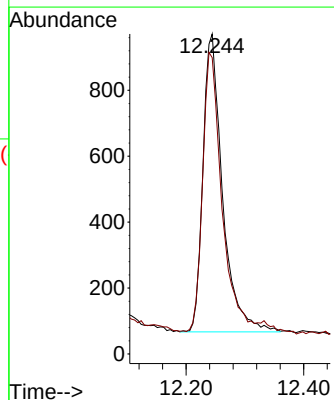
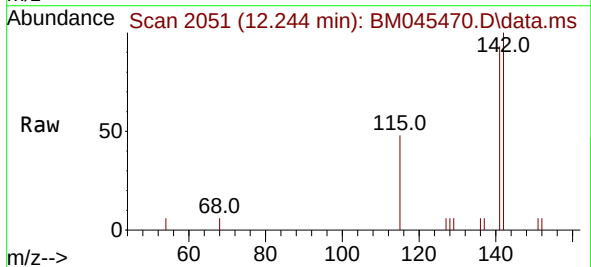
Instrument :
BNA_M
ClientSampleId :
SLCS405

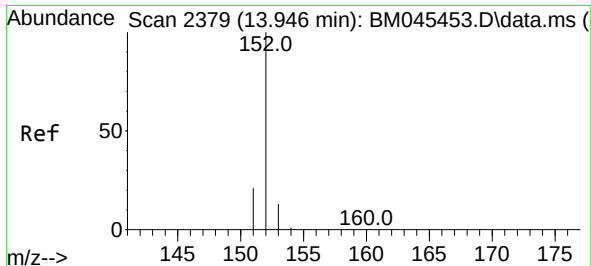
Tgt Ion:142 Resp: 1996
Ion Ratio Lower Upper
142 100
141 94.2 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.497 ng/ul
RT: 12.244 min Scan# 2051
Delta R.T. -0.005 min
Lab File: BM045470.D
Acq: 21 Apr 2024 19:58

Tgt Ion:142 Resp: 2090
Ion Ratio Lower Upper
142 100
141 93.9 76.1 114.1

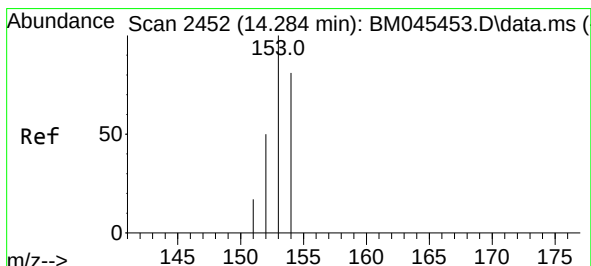
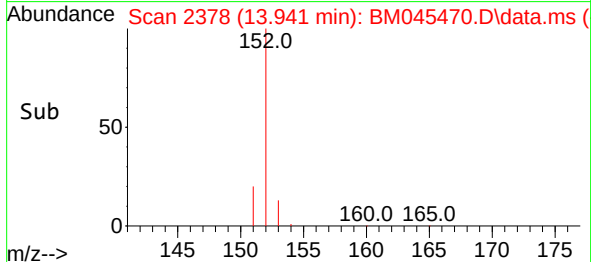
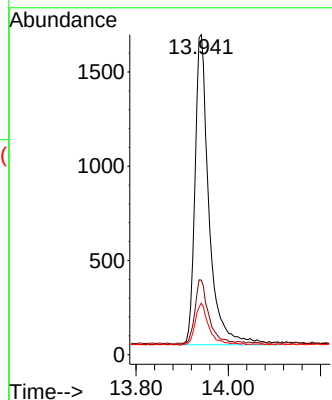
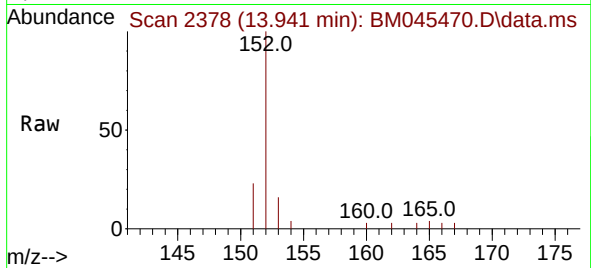




#10
Acenaphthylene
Concen: 0.509 ng/ul
RT: 13.941 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM045470.D
Acq: 21 Apr 2024 19:58

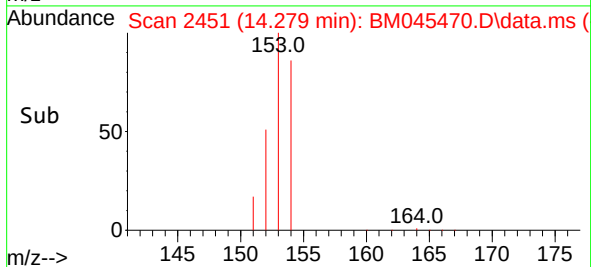
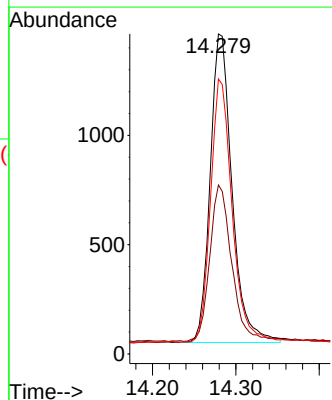
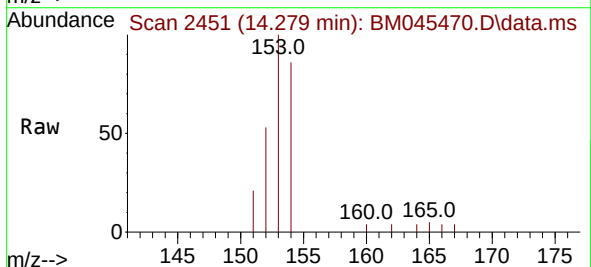
Instrument :
BNA_M
ClientSampleId :
SLCS405

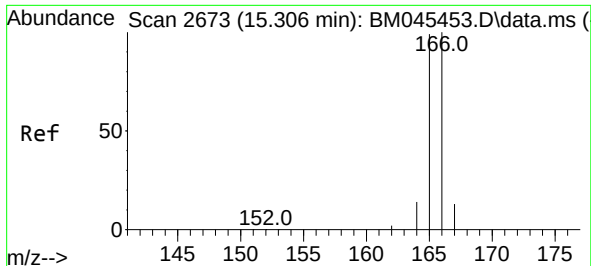
Tgt Ion:152 Resp: 3474
Ion Ratio Lower Upper
152 100
151 23.3 18.6 28.0
153 16.1 14.1 21.1



#11
Acenaphthene
Concen: 0.508 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. -0.005 min
Lab File: BM045470.D
Acq: 21 Apr 2024 19:58

Tgt Ion:153 Resp: 2575
Ion Ratio Lower Upper
153 100
152 52.8 43.4 65.2
154 85.9 69.0 103.6

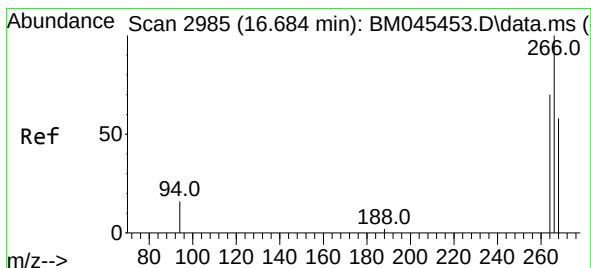
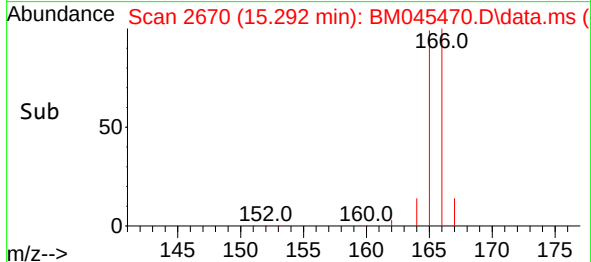
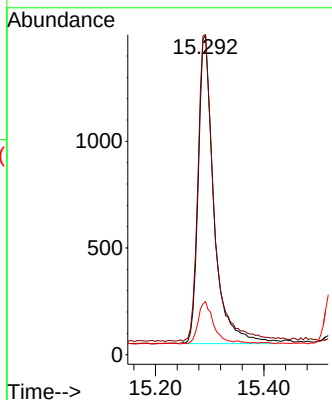
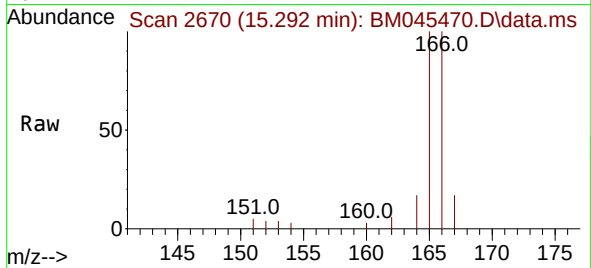




#12
 Fluorene
 Concen: 0.535 ng/ul
 RT: 15.292 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BM045470.D
 Acq: 21 Apr 2024 19:58

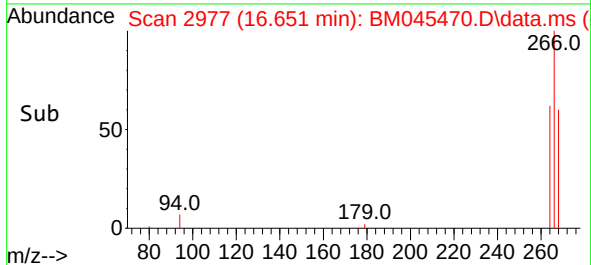
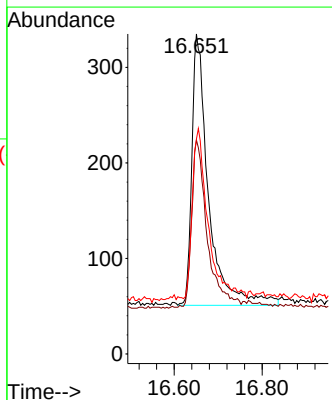
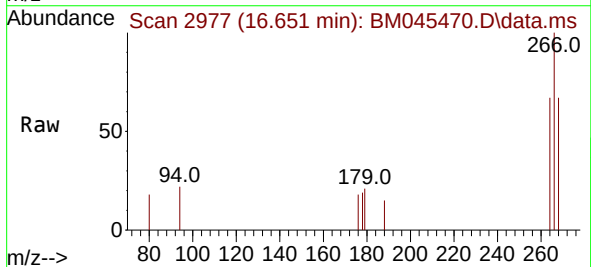
Instrument :
 BNA_M
 ClientSampleId :
 SLCS405

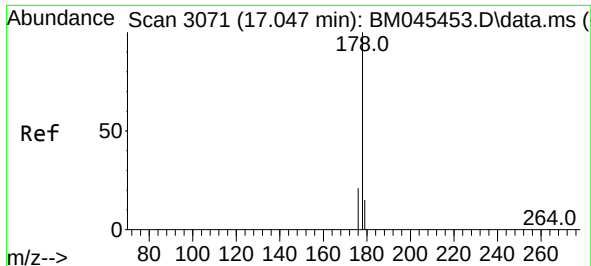
Tgt Ion:166 Resp: 2905
 Ion Ratio Lower Upper
 166 100
 165 100.2 82.2 123.2
 167 16.6 14.8 22.2



#14
 Pentachlorophenol
 Concen: 1.289 ng/ul
 RT: 16.651 min Scan# 2977
 Delta R.T. -0.034 min
 Lab File: BM045470.D
 Acq: 21 Apr 2024 19:58

Tgt Ion:266 Resp: 746
 Ion Ratio Lower Upper
 266 100
 264 56.8 45.5 68.3
 268 60.3 56.1 84.1

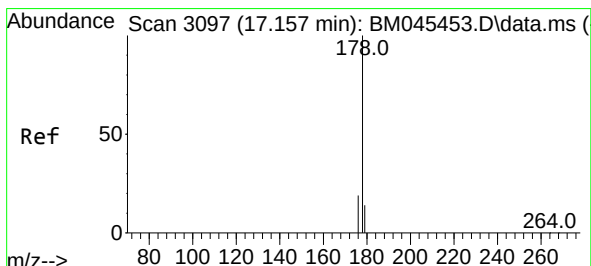
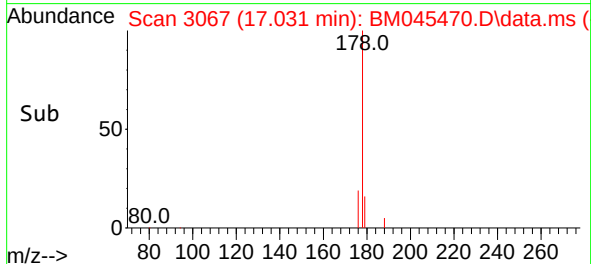
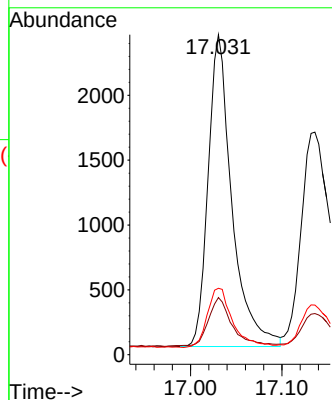
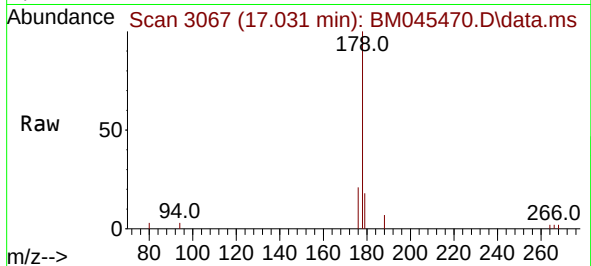




#15
Phenanthrene
Concen: 0.515 ng/ul
RT: 17.031 min Scan# 3067
Delta R.T. -0.017 min
Lab File: BM045470.D
Acq: 21 Apr 2024 19:58

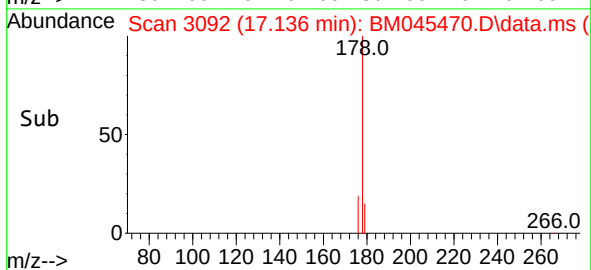
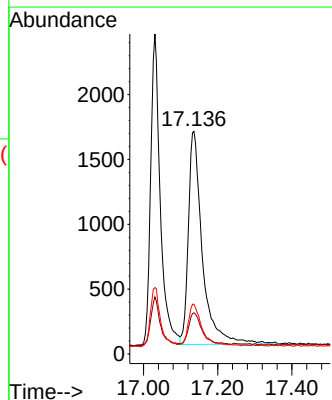
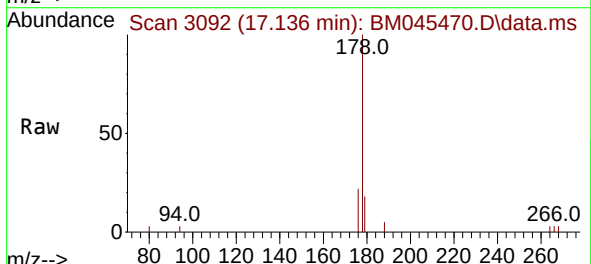
Instrument :
BNA_M
ClientSampleId :
SLCS405

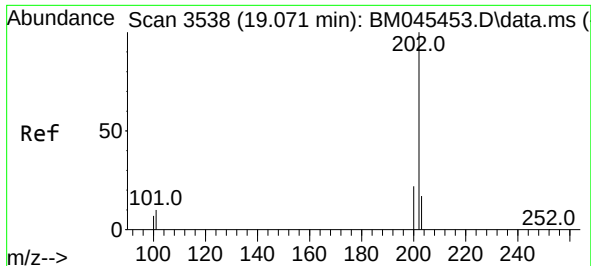
Tgt Ion:178 Resp: 4353
Ion Ratio Lower Upper
178 100
179 17.8 15.4 23.2
176 20.7 19.0 28.4



#16
Anthracene
Concen: 0.546 ng/ul
RT: 17.136 min Scan# 3092
Delta R.T. -0.021 min
Lab File: BM045470.D
Acq: 21 Apr 2024 19:58

Tgt Ion:178 Resp: 4320
Ion Ratio Lower Upper
178 100
179 18.5 17.8 26.6
176 22.3 18.7 28.1

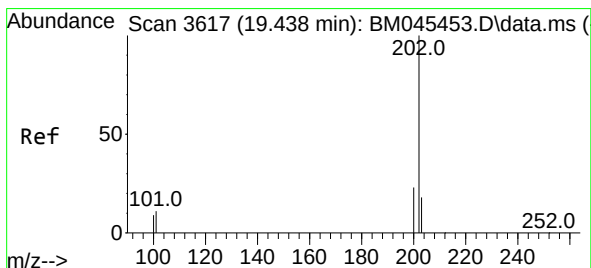
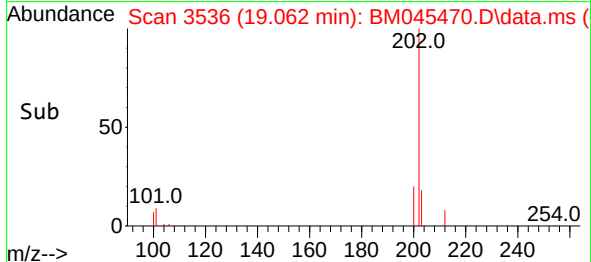
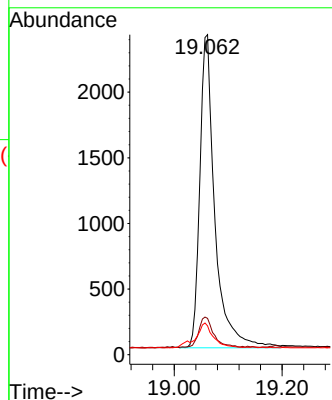
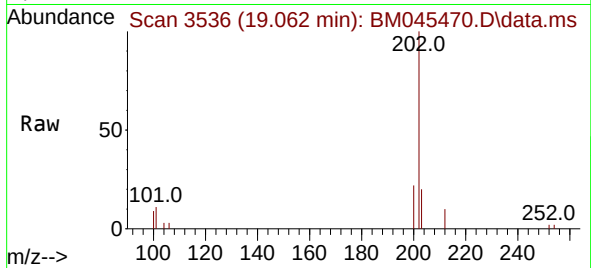




#19
Fluoranthene
Concen: 0.613 ng/ul
RT: 19.062 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM045470.D
Acq: 21 Apr 2024 19:58

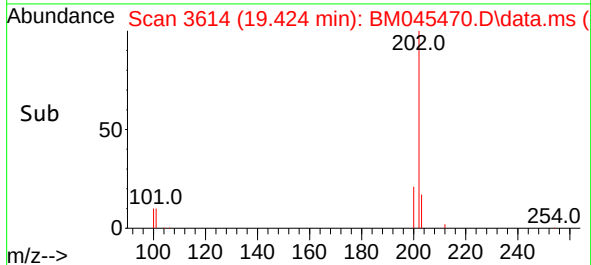
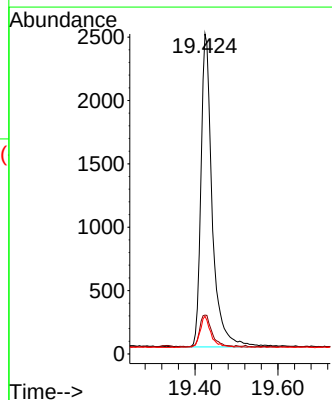
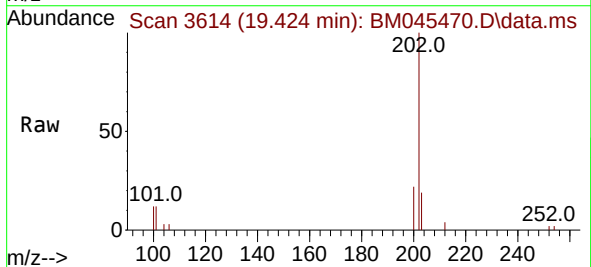
Instrument :
BNA_M
ClientSampleId :
SLCS405

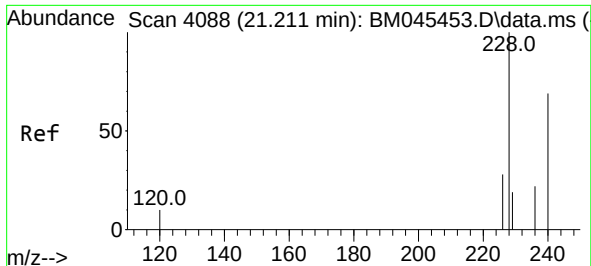
Tgt Ion:202 Resp: 4609
Ion Ratio Lower Upper
202 100
101 11.4 11.2 16.8
100 9.0 9.1 13.7#



#20
Pyrene
Concen: 0.608 ng/ul
RT: 19.424 min Scan# 3614
Delta R.T. -0.014 min
Lab File: BM045470.D
Acq: 21 Apr 2024 19:58

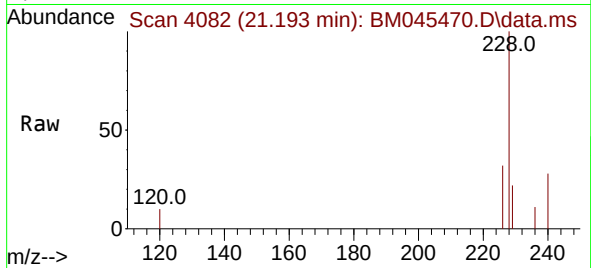
Tgt Ion:202 Resp: 4698
Ion Ratio Lower Upper
202 100
101 12.2 11.5 17.3
100 11.7 10.6 15.8



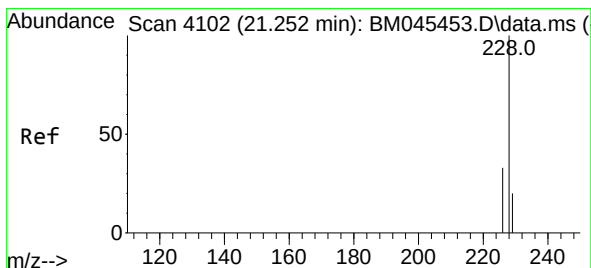
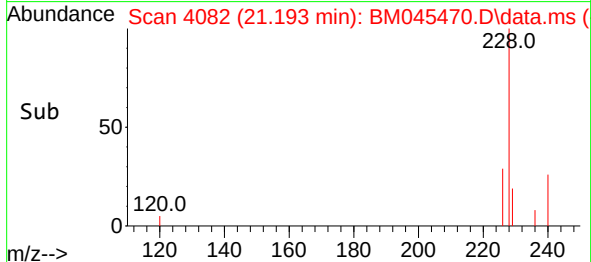
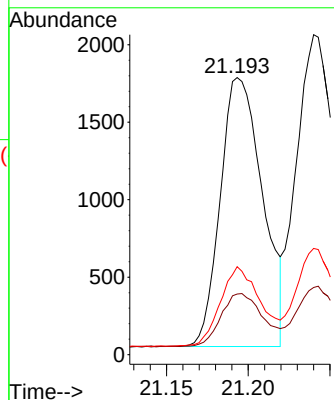


#21
Benzo(a)anthracene
Concen: 0.601 ng/ul
RT: 21.193 min Scan# 4082
Delta R.T. -0.017 min
Lab File: BM045470.D
Acq: 21 Apr 2024 19:58

Instrument :
BNA_M
ClientSampleId :
SLCS405

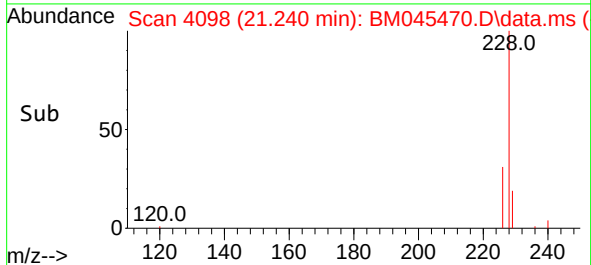
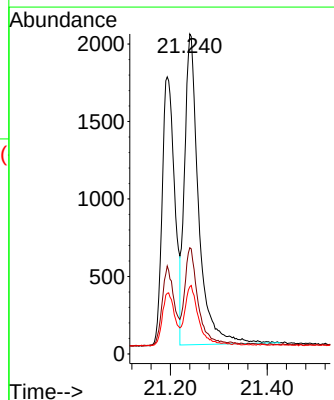
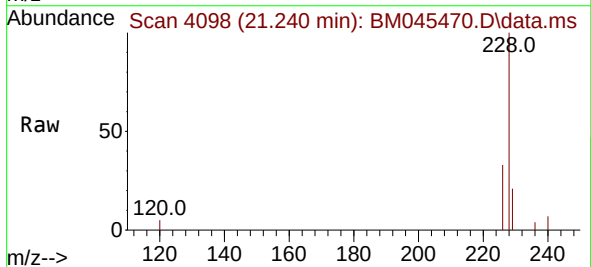


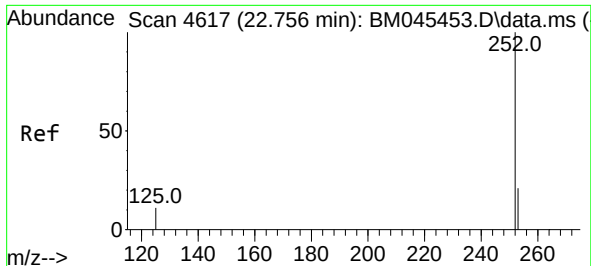
Tgt Ion:228 Resp: 3128
Ion Ratio Lower Upper
228 100
229 21.9 19.4 29.2
226 31.8 26.3 39.5



#22
Chrysene
Concen: 0.506 ng/ul
RT: 21.240 min Scan# 4098
Delta R.T. -0.012 min
Lab File: BM045470.D
Acq: 21 Apr 2024 19:58

Tgt Ion:228 Resp: 4049
Ion Ratio Lower Upper
228 100
226 33.2 26.3 39.5
229 21.0 17.8 26.8

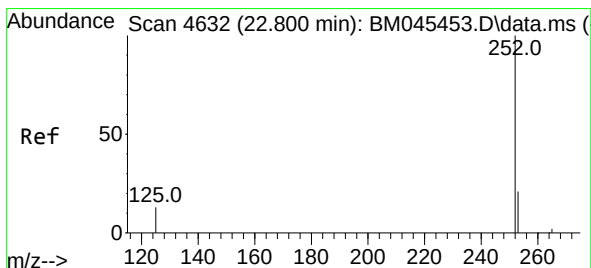
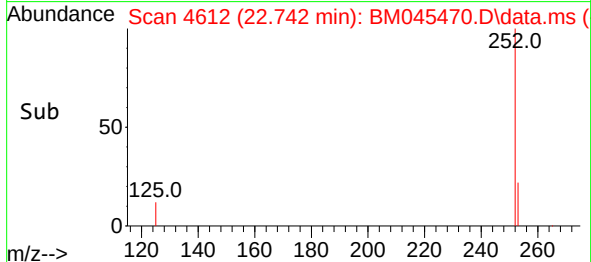
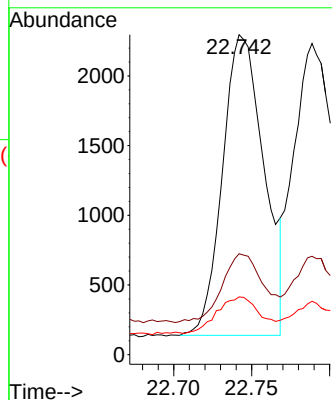
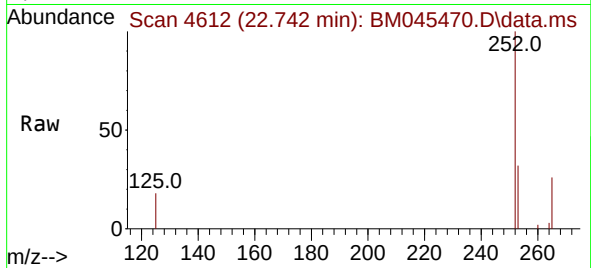




#24
Benzo(b)fluoranthene
Concen: 0.569 ng/ul
RT: 22.742 min Scan# 4612
Delta R.T. -0.015 min
Lab File: BM045470.D
Acq: 21 Apr 2024 19:58

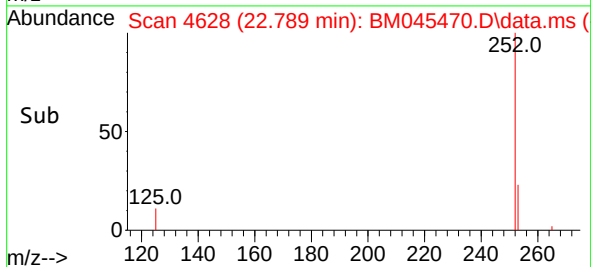
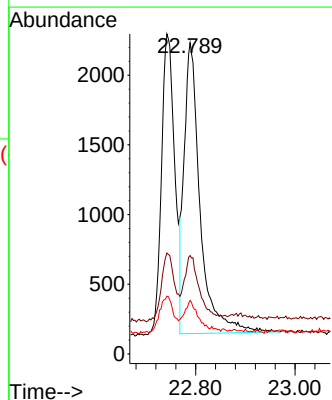
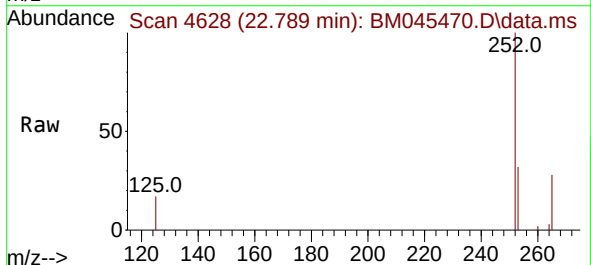
Instrument :
BNA_M
ClientSampleId :
SLCS405

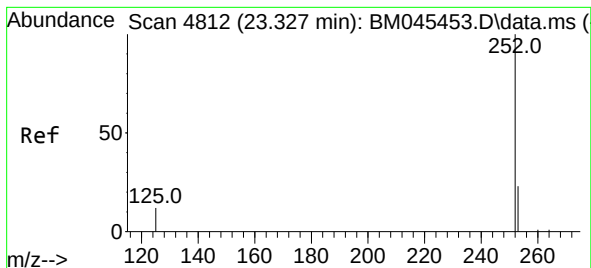
Tgt Ion:252 Resp: 3996
Ion Ratio Lower Upper
252 100
253 31.5 0.0 63.4
125 18.0 0.0 36.8



#25
Benzo(k)fluoranthene
Concen: 0.527 ng/ul
RT: 22.789 min Scan# 4628
Delta R.T. -0.012 min
Lab File: BM045470.D
Acq: 21 Apr 2024 19:58

Tgt Ion:252 Resp: 4676
Ion Ratio Lower Upper
252 100
253 31.6 25.4 38.0
125 17.2 14.8 22.2





#26

Benzo(a)pyrene

Concen: 0.553 ng/ul

RT: 23.312 min Scan# 4807

Delta R.T. -0.015 min

Lab File: BM045470.D

Acq: 21 Apr 2024 19:58

Instrument :

BNA_M

ClientSampleId :

SLCS405

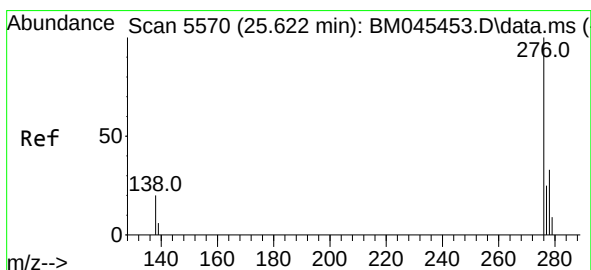
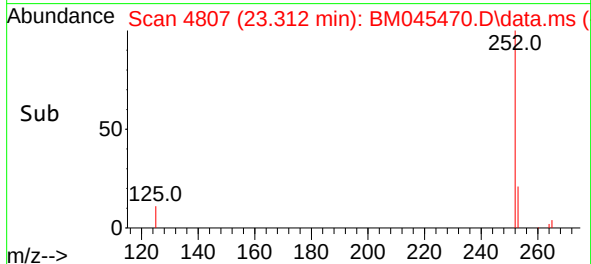
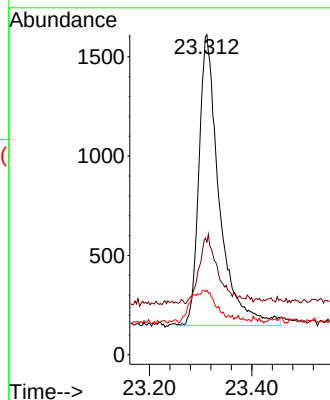
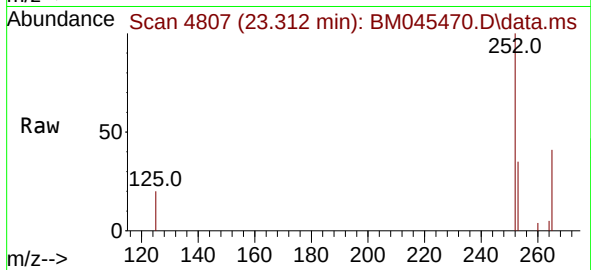
Tgt Ion:252 Resp: 4029

Ion Ratio Lower Upper

252 100

253 35.2 31.6 47.4

125 20.2 19.5 29.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.556 ng/ul

RT: 25.602 min Scan# 5564

Delta R.T. -0.020 min

Lab File: BM045470.D

Acq: 21 Apr 2024 19:58

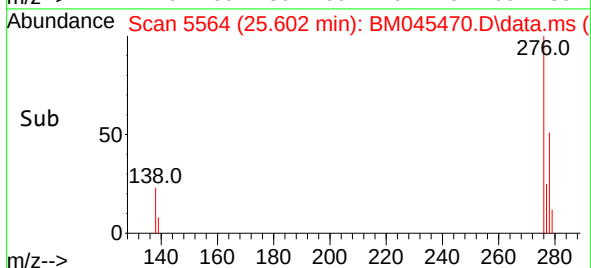
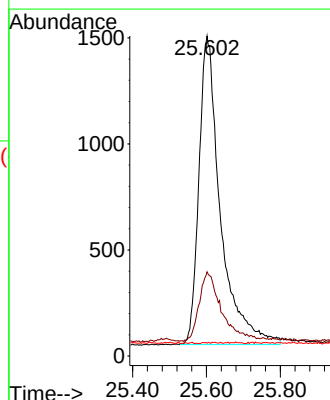
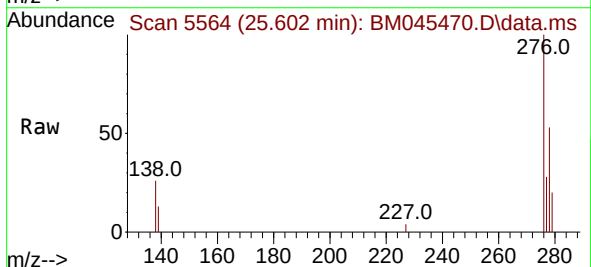
Tgt Ion:276 Resp: 5882

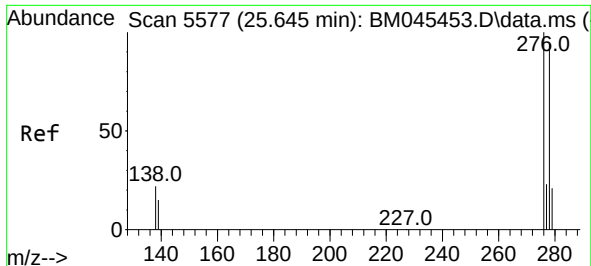
Ion Ratio Lower Upper

276 100

138 23.9 19.8 29.6

227 0.1 0.2 0.2#

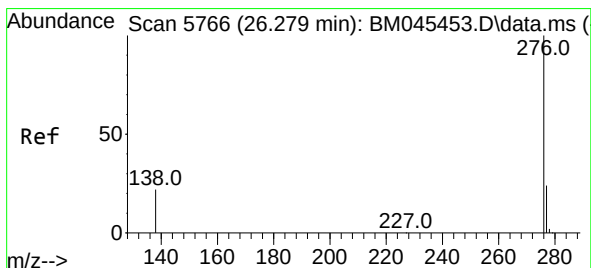
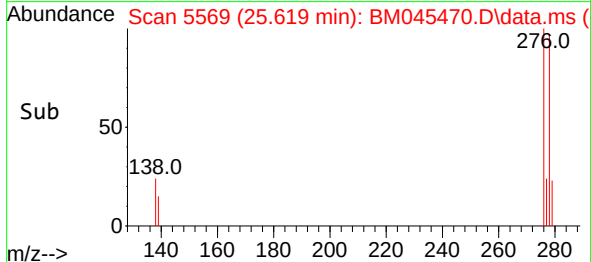
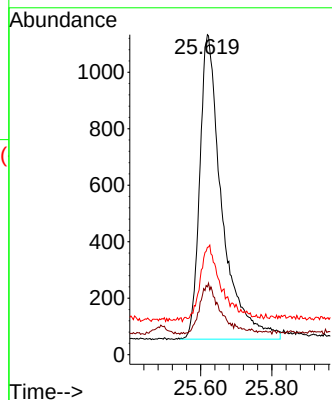
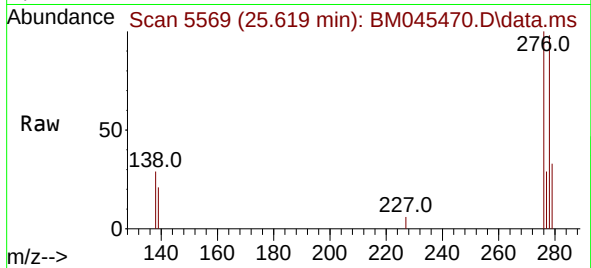




#28
Dibenzo(a,h)anthracene
Concen: 0.555 ng/ul
RT: 25.619 min Scan# 51
Delta R.T. -0.027 min
Lab File: BM045470.D
Acq: 21 Apr 2024 19:58

Instrument :
BNA_M
ClientSampleId :
SLCS405

Tgt Ion:278 Resp: 4662
Ion Ratio Lower Upper
278 100
139 21.2 19.0 28.6
279 33.5 29.4 44.2



#29
Benzo(g,h,i)perylene
Concen: 0.532 ng/ul
RT: 26.266 min Scan# 5762
Delta R.T. -0.013 min
Lab File: BM045470.D
Acq: 21 Apr 2024 19:58

Tgt Ion:276 Resp: 5058
Ion Ratio Lower Upper
276 100
138 23.8 20.8 31.2
277 28.0 21.8 32.8

