

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045486.D
 Acq On : 22 Apr 2024 18:43
 Operator : MA/JU
 Sample : PB160418BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS418

Quant Time: Apr 23 01:50:23 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 : Tue Apr 23 01:47:19 2024
 Response via : Initial Calibration

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

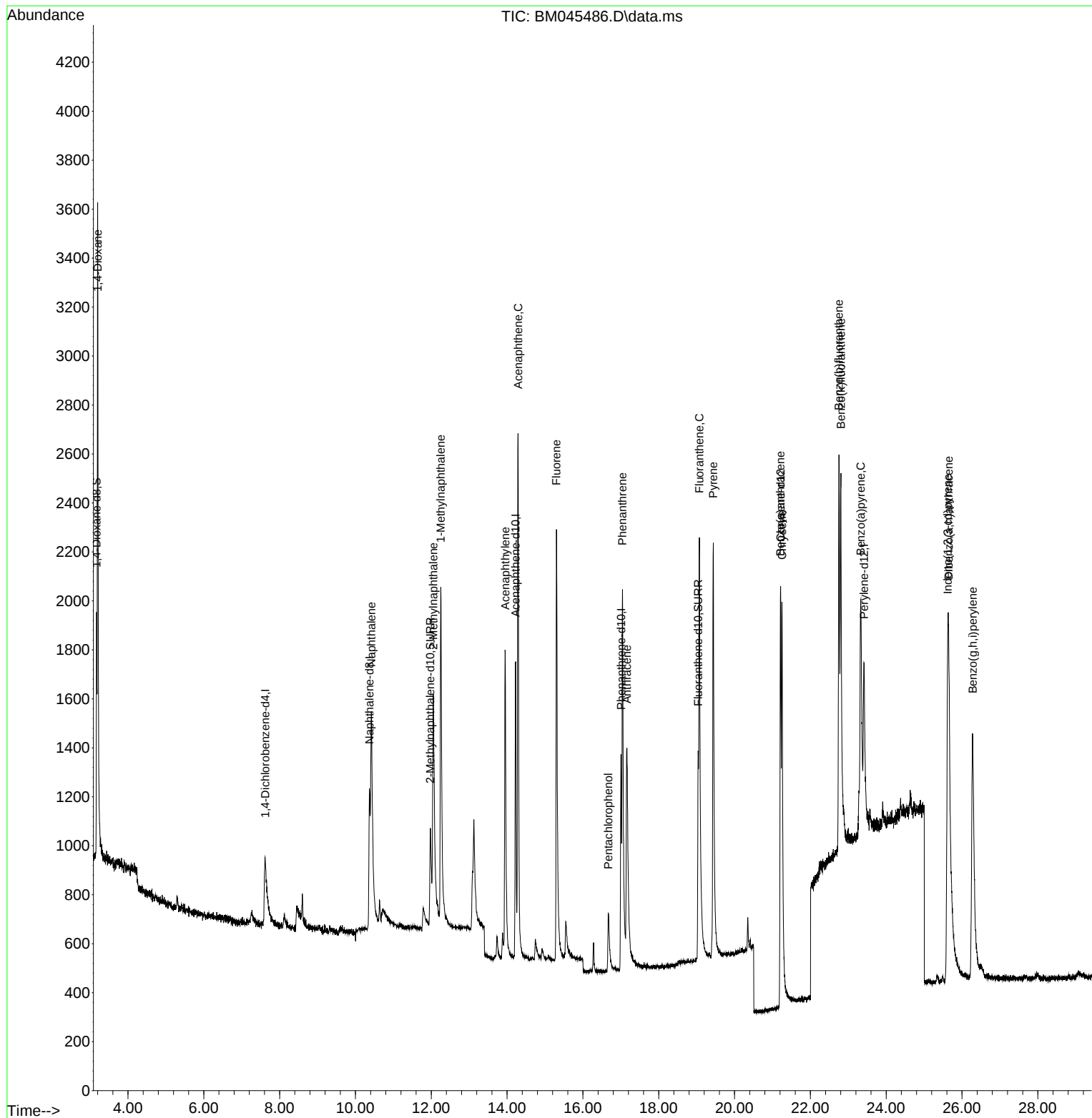
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	447	0.400	ng/ul	# 0.02
4) Naphthalene-d8	10.369	136	1665	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.223	164	909	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.005	188	1633	0.400	ng/ul	0.00
17) Chrysene-d12	21.214	240	914	0.400	ng/ul	0.00
23) Perylene-d12	23.414	264	1199	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.171	96	771	1.287	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.975	152	1100	0.501	ng/ul	0.00
18) Fluoranthene-d10	19.038	212	1555	0.540	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.201	88	2040	3.539	ng/ul#	81
5) Naphthalene	10.419	128	2230	0.499	ng/ul	99
7) 2-Methylnaphthalene	12.052	142	1367	0.535	ng/ul	100
8) 1-Methylnaphthalene	12.250	142	1419	0.495	ng/ul	99
10) Acenaphthylene	13.950	152	2267	0.506	ng/ul	98
11) Acenaphthene	14.288	153	1720	0.517	ng/ul	96
12) Fluorene	15.301	166	1796	0.504	ng/ul	95
14) Pentachlorophenol	16.672	266	335	1.029	ng/ul	95
15) Phenanthrene	17.043	178	2417	0.508	ng/ul	98
16) Anthracene	17.157	178	2257	0.507	ng/ul	97
19) Fluoranthene	19.071	202	2372	0.562	ng/ul	98
20) Pyrene	19.438	202	2448	0.565	ng/ul	98
21) Benzo(a)anthracene	21.208	228	1568	0.537	ng/ul	99
22) Chrysene	21.252	228	2376	0.529	ng/ul	98
24) Benzo(b)fluoranthene	22.754	252	2388	0.592	ng/ul	96
25) Benzo(k)fluoranthene	22.803	252	2943	0.578	ng/ul	93
26) Benzo(a)pyrene	23.327	252	2368	0.566	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.622	276	3546	0.583	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.645	278	2789	0.578	ng/ul	93
29) Benzo(g,h,i)perylene	26.283	276	3288	0.602	ng/ul	97

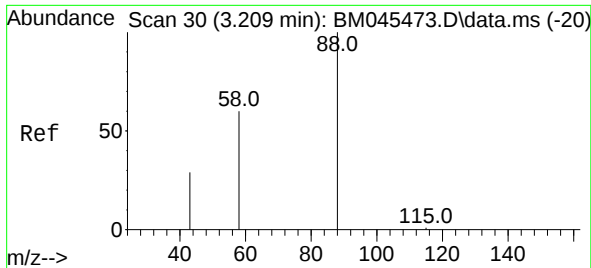
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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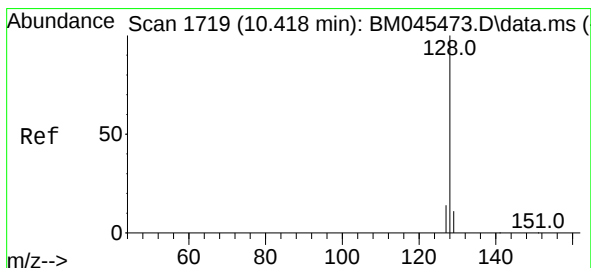
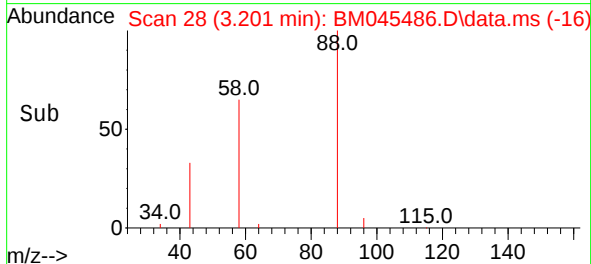
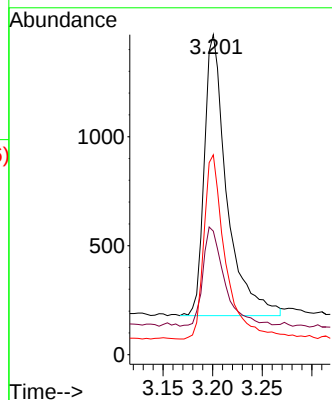
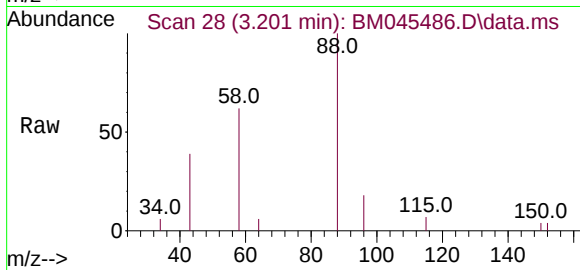




#2
1,4-Dioxane
Concen: 3.539 ng/ul
RT: 3.201 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM045486.D
Acq: 22 Apr 2024 18:43

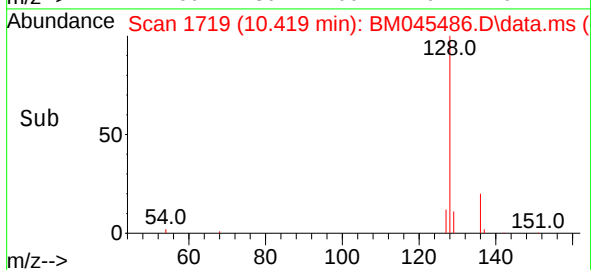
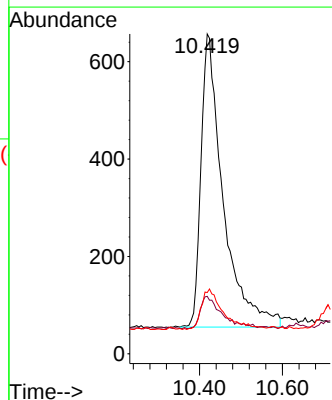
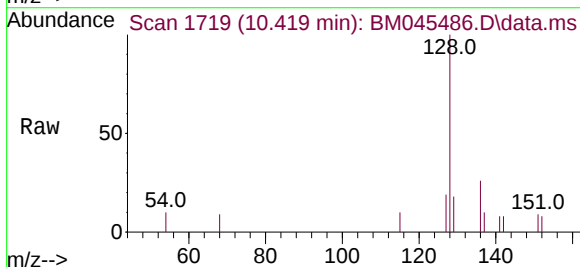
Instrument :
BNA_M
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SLCS418

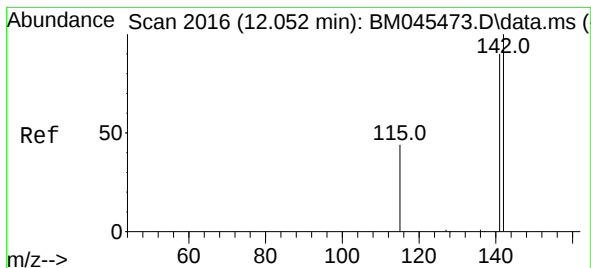
Tgt Ion: 88 Resp: 2040
Ion Ratio Lower Upper
88 100
43 38.6 36.8 55.2
58 62.5 35.4 53.2#



#5
Naphthalene
Concen: 0.499 ng/ul
RT: 10.419 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BM045486.D
Acq: 22 Apr 2024 18:43

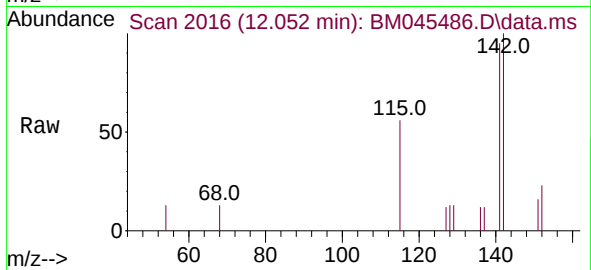
Tgt Ion:128 Resp: 2230
Ion Ratio Lower Upper
128 100
129 18.0 14.0 21.0
127 19.2 15.4 23.2



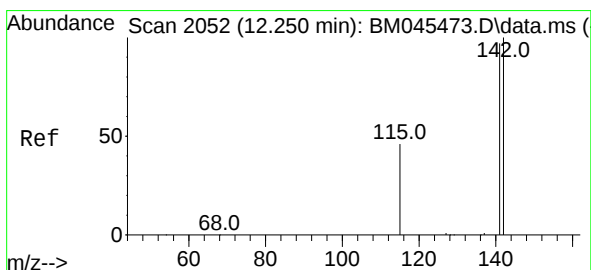
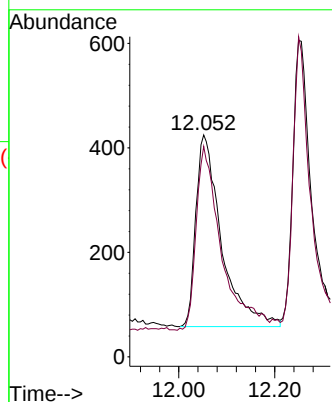
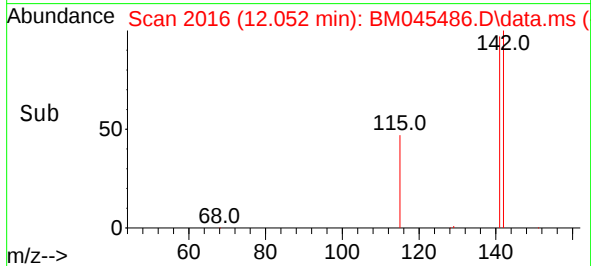


#7
2-Methylnaphthalene
Concen: 0.535 ng/ul
RT: 12.052 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BM045486.D
Acq: 22 Apr 2024 18:43

Instrument :
BNA_M
ClientSampleId :
SLCS418

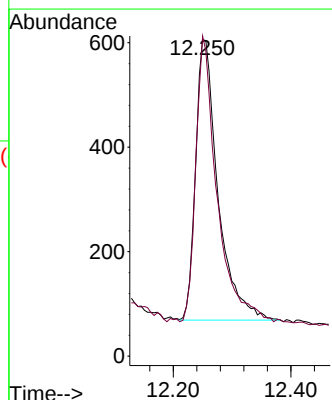
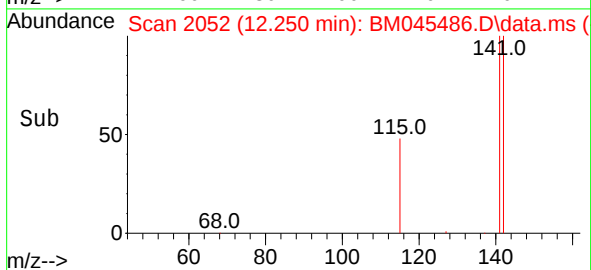
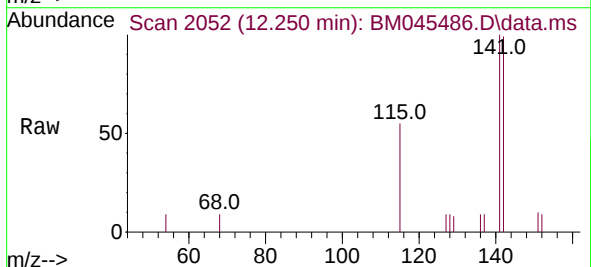


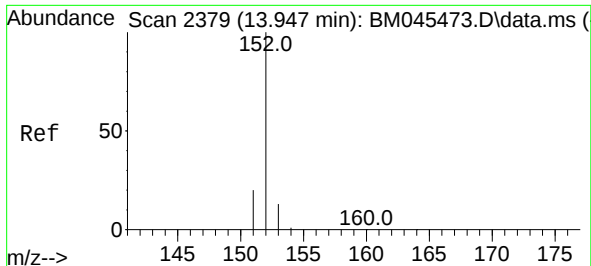
Tgt Ion:142 Resp: 1367
Ion Ratio Lower Upper
142 100
141 93.4 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.495 ng/ul
RT: 12.250 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BM045486.D
Acq: 22 Apr 2024 18:43

Tgt Ion:142 Resp: 1419
Ion Ratio Lower Upper
142 100
141 96.5 76.1 114.1

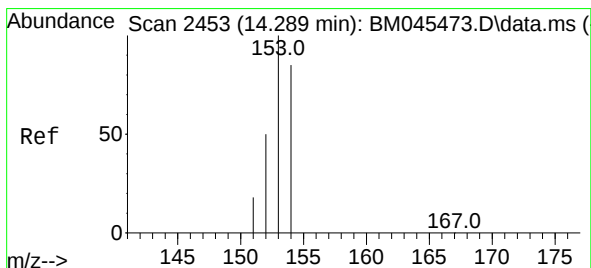
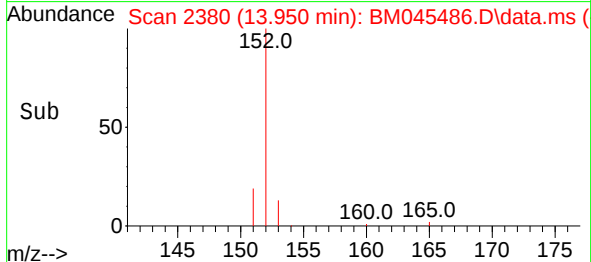
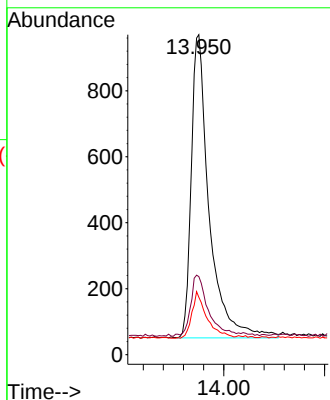
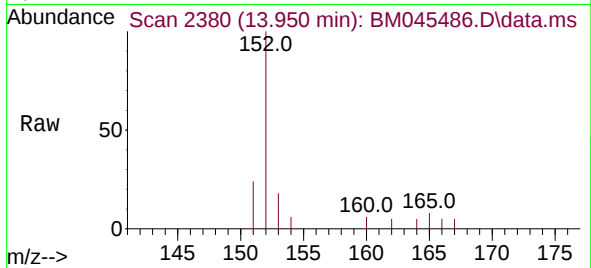




#10
Acenaphthylene
Concen: 0.506 ng/ul
RT: 13.950 min Scan# 2410
Delta R.T. 0.004 min
Lab File: BM045486.D
Acq: 22 Apr 2024 18:43

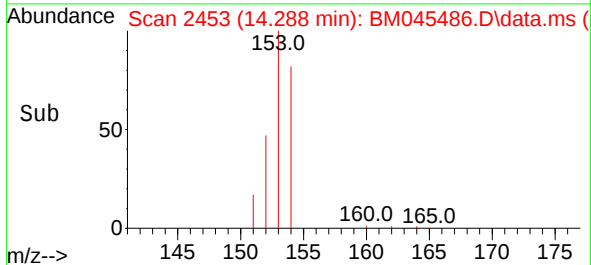
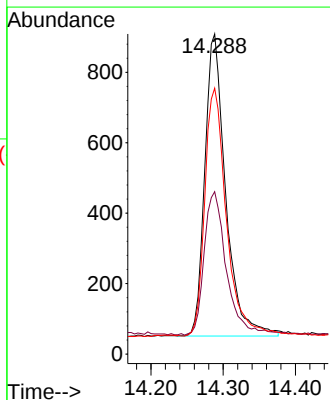
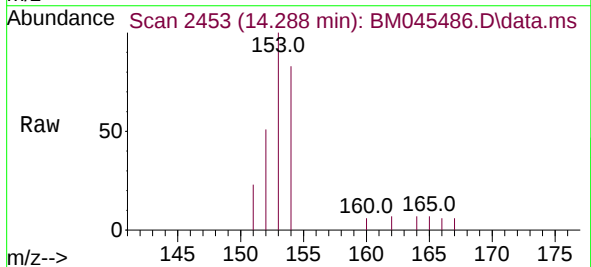
Instrument :
BNA_M
ClientSampleId :
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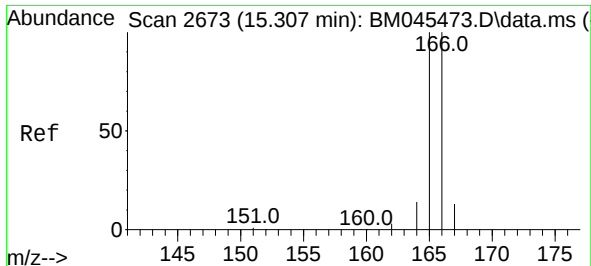
Tgt Ion:152 Resp: 2267
Ion Ratio Lower Upper
152 100
151 24.4 18.6 28.0
153 17.9 14.1 21.1



#11
Acenaphthene
Concen: 0.517 ng/ul
RT: 14.288 min Scan# 2453
Delta R.T. -0.001 min
Lab File: BM045486.D
Acq: 22 Apr 2024 18:43

Tgt Ion:153 Resp: 1720
Ion Ratio Lower Upper
153 100
152 50.7 43.4 65.2
154 83.1 69.0 103.6

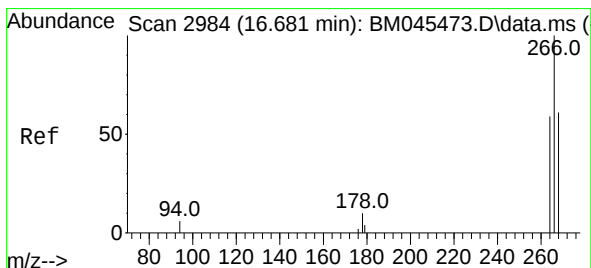
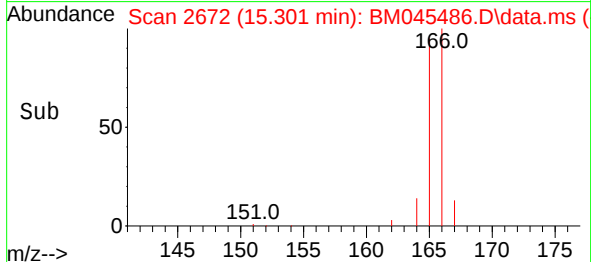
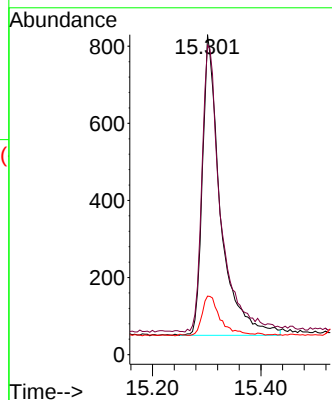
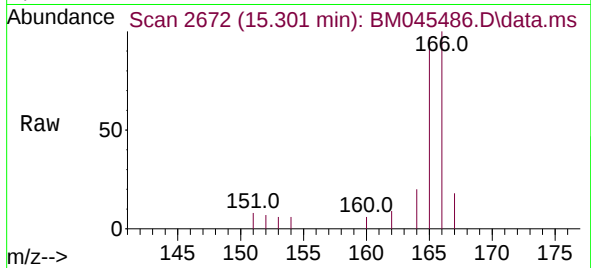




#12
Fluorene
Concen: 0.504 ng/ul
RT: 15.301 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM045486.D
Acq: 22 Apr 2024 18:43

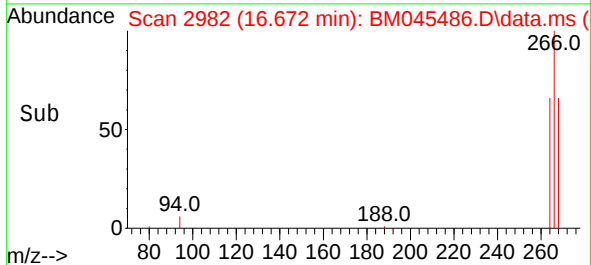
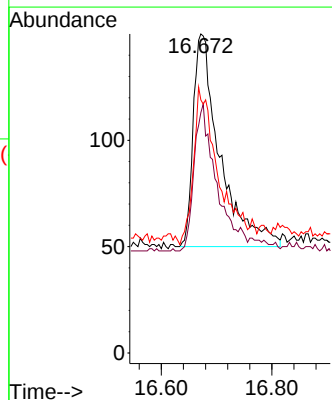
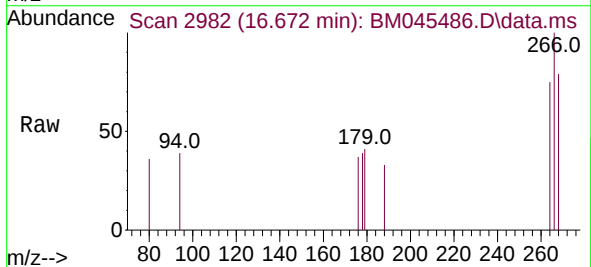
Instrument :
BNA_M
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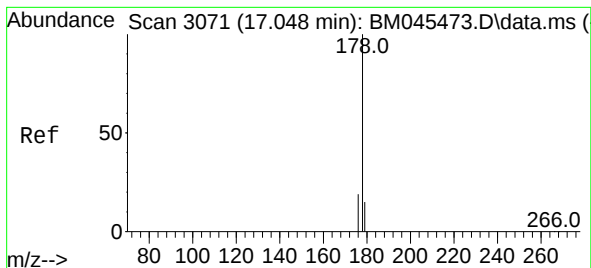
Tgt Ion:166 Resp: 1796
Ion Ratio Lower Upper
166 100
165 96.7 82.2 123.2
167 18.3 14.8 22.2



#14
Pentachlorophenol
Concen: 1.029 ng/ul
RT: 16.672 min Scan# 2982
Delta R.T. -0.009 min
Lab File: BM045486.D
Acq: 22 Apr 2024 18:43

Tgt Ion:266 Resp: 335
Ion Ratio Lower Upper
266 100
264 62.4 45.5 68.3
268 67.5 56.1 84.1





#15

Phenanthrene

Concen: 0.508 ng/ul

RT: 17.043 min Scan# 3070

Delta R.T. -0.005 min

Lab File: BM045486.D

Acq: 22 Apr 2024 18:43

Instrument :

BNA_M

ClientSampleId :

SLCS418

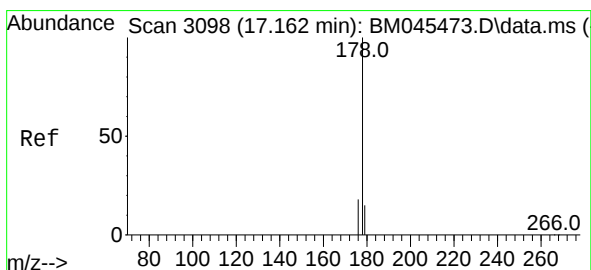
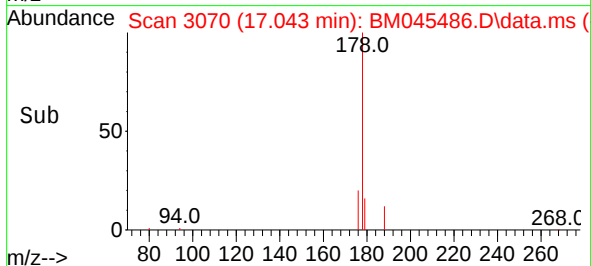
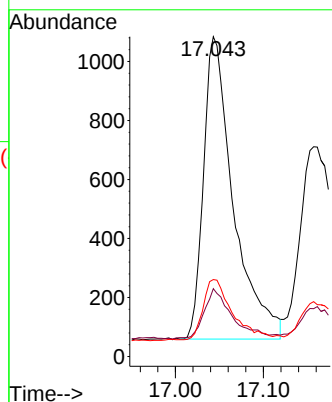
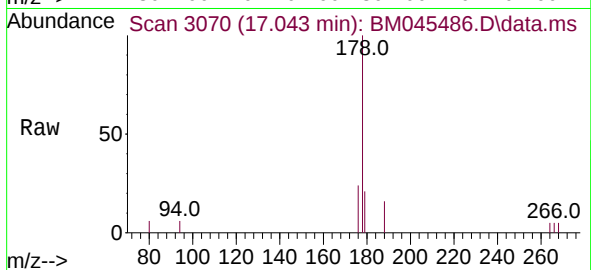
Tgt Ion:178 Resp: 2417

Ion Ratio Lower Upper

178 100

179 21.2 15.4 23.2

176 24.1 19.0 28.4



#16

Anthracene

Concen: 0.507 ng/ul

RT: 17.157 min Scan# 3097

Delta R.T. -0.005 min

Lab File: BM045486.D

Acq: 22 Apr 2024 18:43

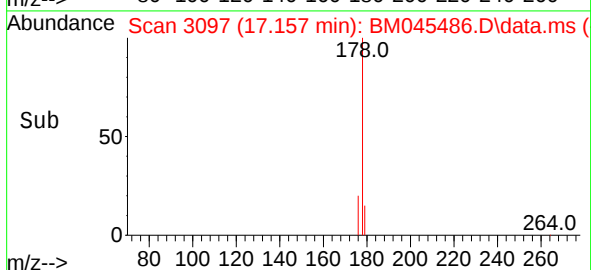
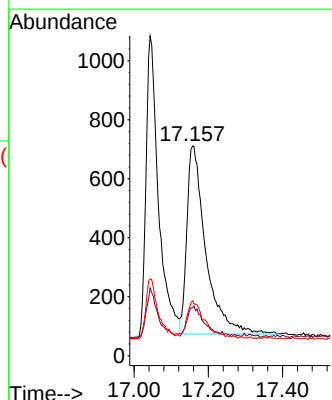
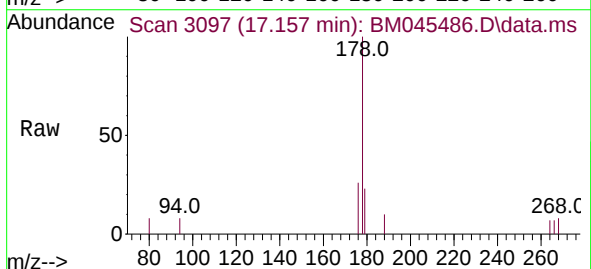
Tgt Ion:178 Resp: 2257

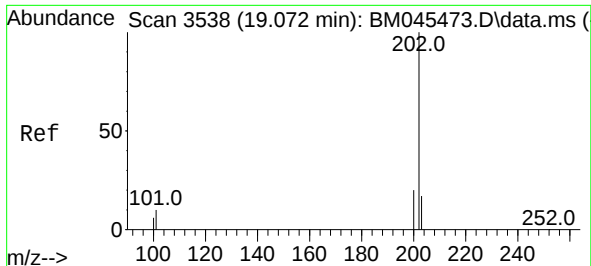
Ion Ratio Lower Upper

178 100

179 22.8 17.8 26.6

176 26.2 18.7 28.1

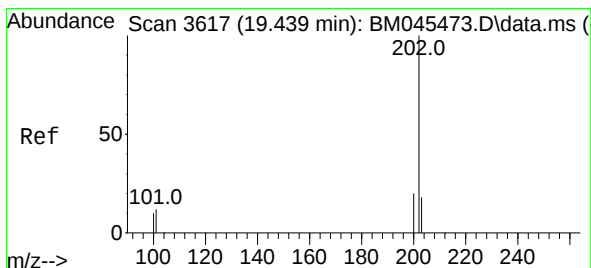
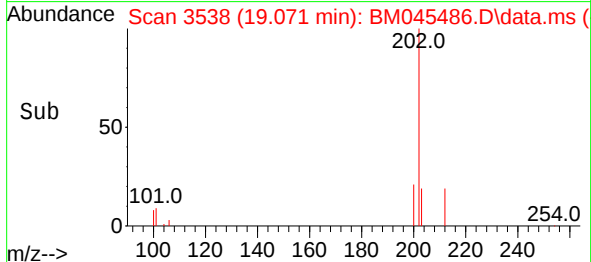
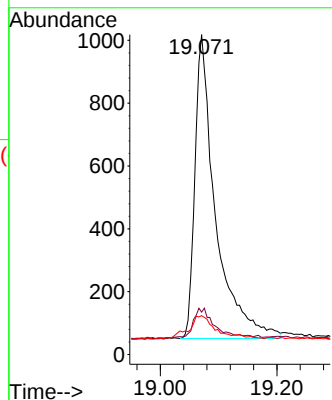
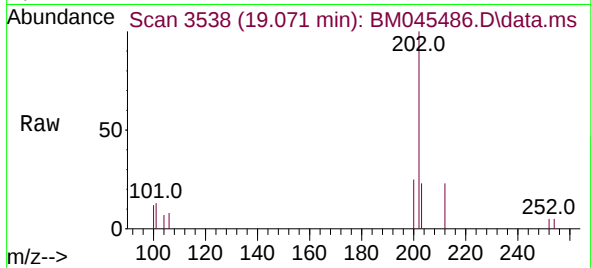




#19
Fluoranthene
Concen: 0.562 ng/ul
RT: 19.071 min Scan# 3538
Delta R.T. -0.001 min
Lab File: BM045486.D
Acq: 22 Apr 2024 18:43

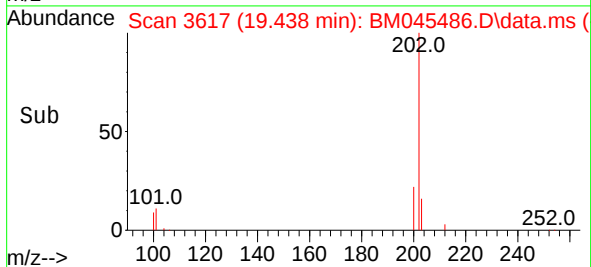
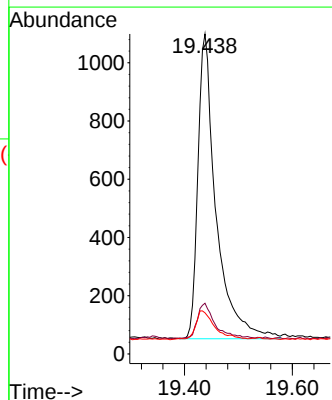
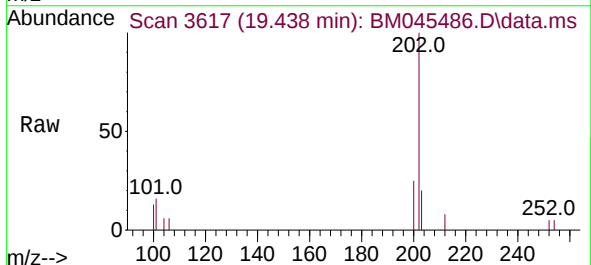
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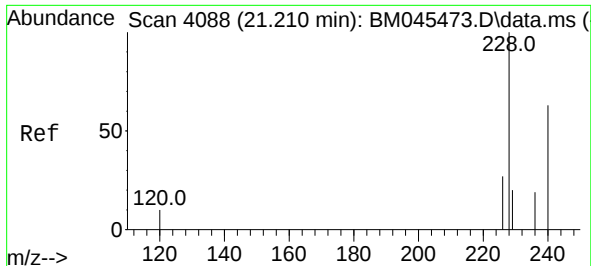
Tgt Ion:202 Resp: 2372
Ion Ratio Lower Upper
202 100
101 13.3 11.2 16.8
100 12.2 9.1 13.7



#20
Pyrene
Concen: 0.565 ng/ul
RT: 19.438 min Scan# 3617
Delta R.T. -0.001 min
Lab File: BM045486.D
Acq: 22 Apr 2024 18:43

Tgt Ion:202 Resp: 2448
Ion Ratio Lower Upper
202 100
101 15.8 11.5 17.3
100 12.8 10.6 15.8

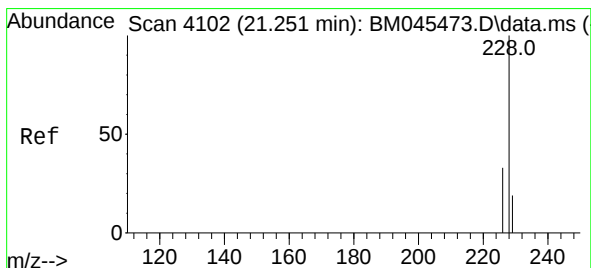
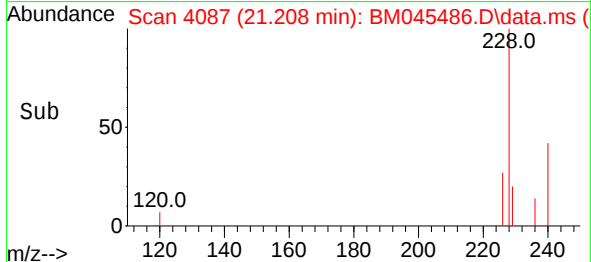
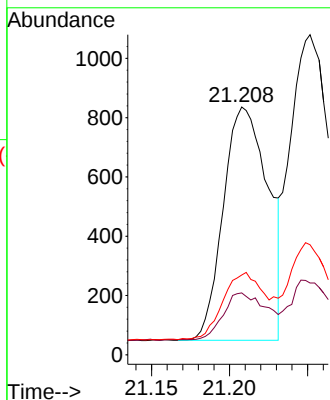
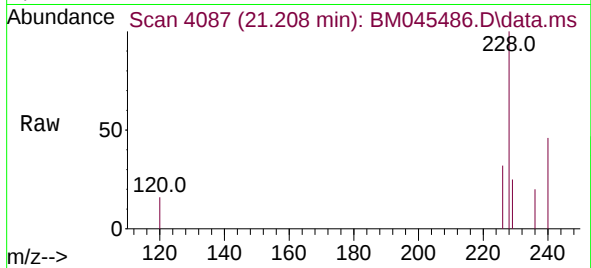




#21
Benzo(a)anthracene
Concen: 0.537 ng/ul
RT: 21.208 min Scan# 4088
Delta R.T. -0.002 min
Lab File: BM045486.D
Acq: 22 Apr 2024 18:43

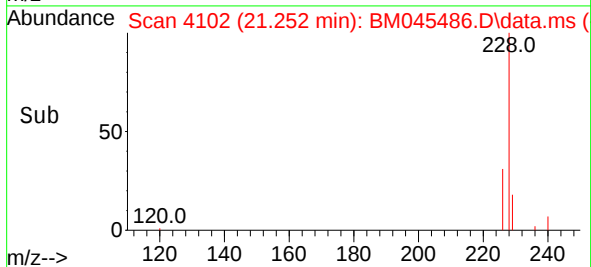
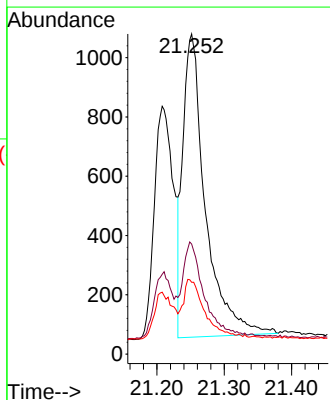
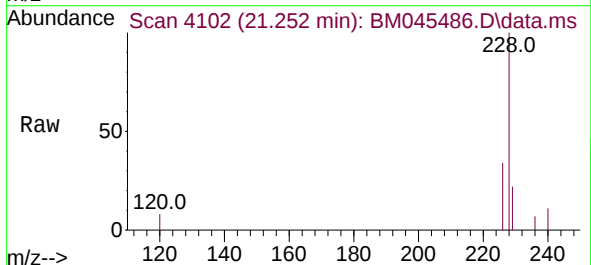
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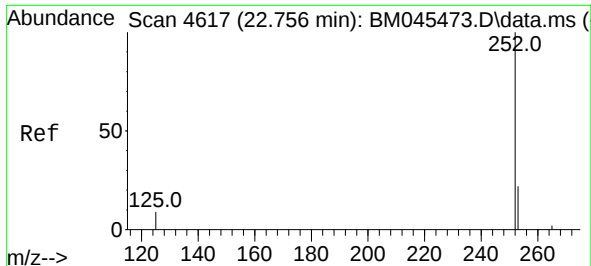
Tgt Ion:228 Resp: 1568
Ion Ratio Lower Upper
228 100
229 25.0 19.4 29.2
226 32.2 26.3 39.5



#22
Chrysene
Concen: 0.529 ng/ul
RT: 21.252 min Scan# 4102
Delta R.T. 0.001 min
Lab File: BM045486.D
Acq: 22 Apr 2024 18:43

Tgt Ion:228 Resp: 2376
Ion Ratio Lower Upper
228 100
226 34.4 26.3 39.5
229 22.4 17.8 26.8

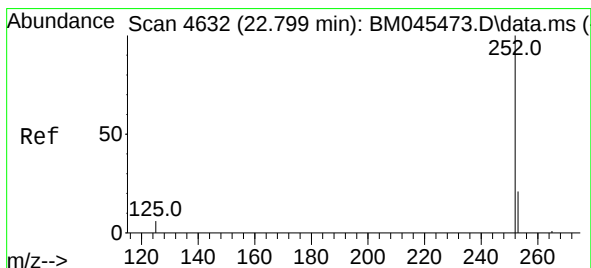
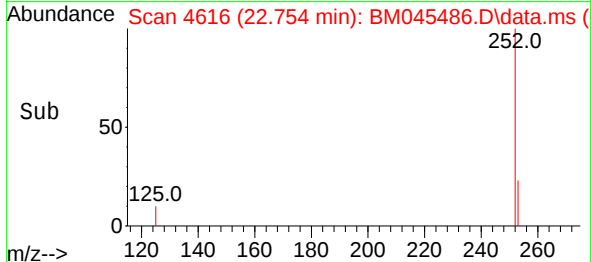
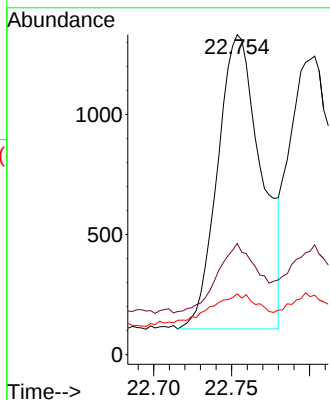
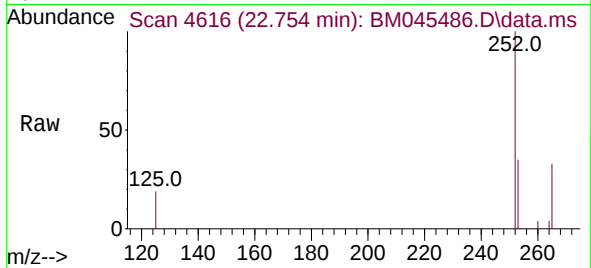




#24
Benzo(b)fluoranthene
Concen: 0.592 ng/ul
RT: 22.754 min Scan# 4617
Delta R.T. -0.002 min
Lab File: BM045486.D
Acq: 22 Apr 2024 18:43

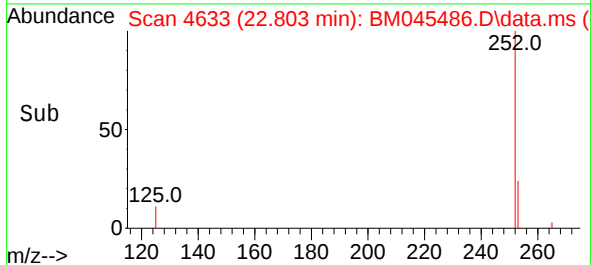
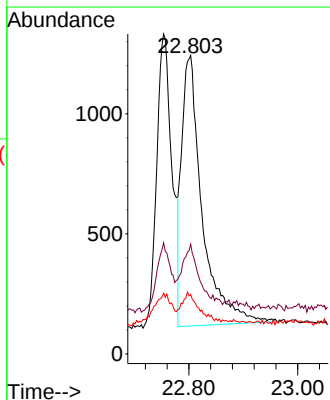
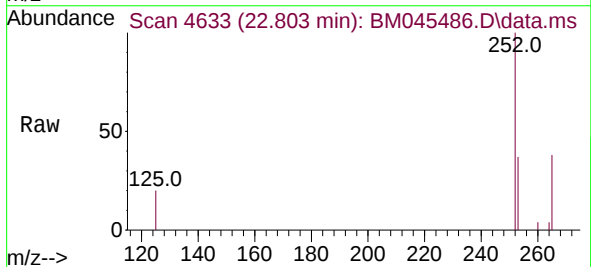
Instrument :
BNA_M
ClientSampleId :
SLCS418

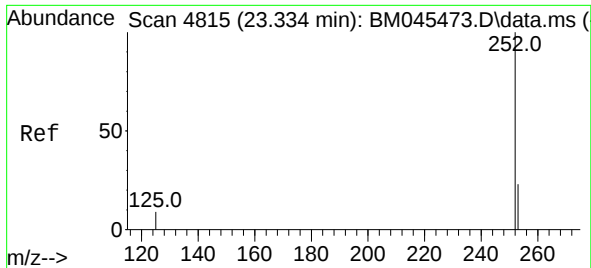
Tgt Ion:252	Resp:	2388
Ion Ratio	Lower	Upper
252	100	
253	34.8	0.0 63.4
125	19.0	0.0 36.8



#25
Benzo(k)fluoranthene
Concen: 0.578 ng/ul
RT: 22.803 min Scan# 4633
Delta R.T. 0.004 min
Lab File: BM045486.D
Acq: 22 Apr 2024 18:43

Tgt Ion:252	Resp:	2943
Ion Ratio	Lower	Upper
252	100	
253	36.8	25.4 38.0
125	20.0	14.8 22.2

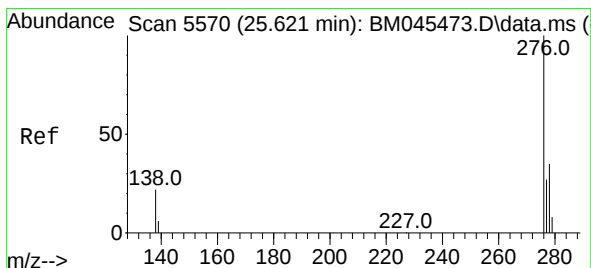
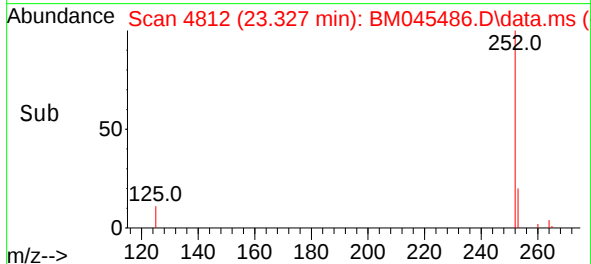
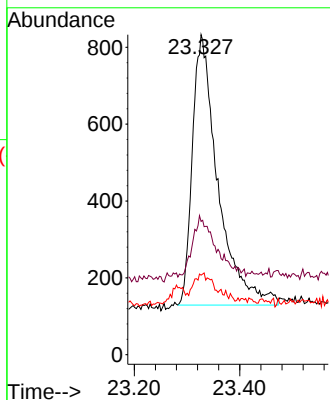
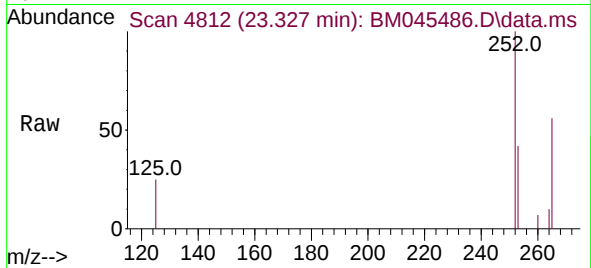




#26
Benzo(a)pyrene
Concen: 0.566 ng/ul
RT: 23.327 min Scan# 4815
Delta R.T. -0.008 min
Lab File: BM045486.D
Acq: 22 Apr 2024 18:43

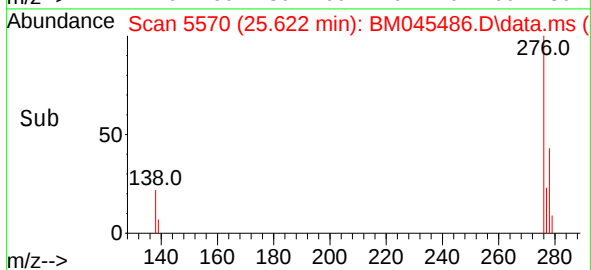
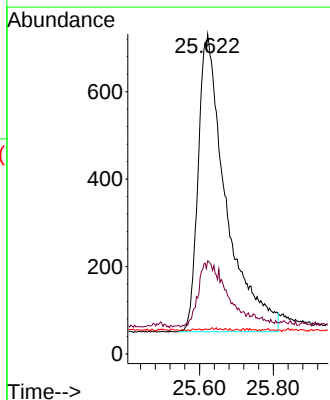
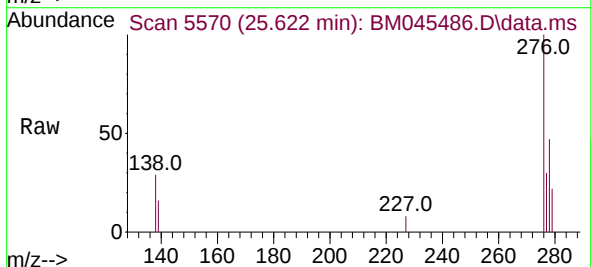
Instrument :
BNA_M
ClientSampleId :
SLCS418

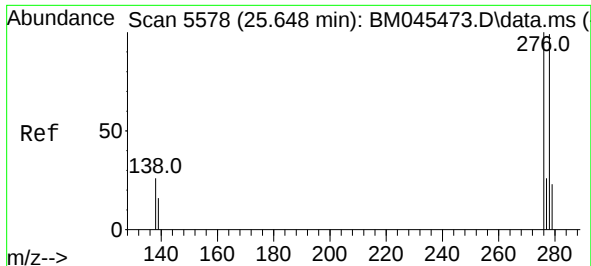
Tgt Ion	Ratio	Lower	Upper
252	100		
253	41.7	31.6	47.4
125	24.8	19.5	29.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.583 ng/ul
RT: 25.622 min Scan# 5570
Delta R.T. 0.001 min
Lab File: BM045486.D
Acq: 22 Apr 2024 18:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.8	29.6
227	0.1	0.2	0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.578 ng/ul

RT: 25.645 min Scan# 5578

Delta R.T. -0.002 min

Lab File: BM045486.D

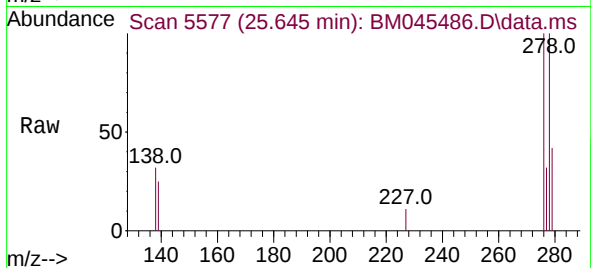
Acq: 22 Apr 2024 18:43

Instrument :

BNA_M

ClientSampleId :

SLCS418



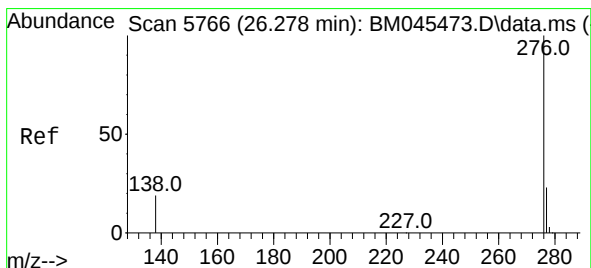
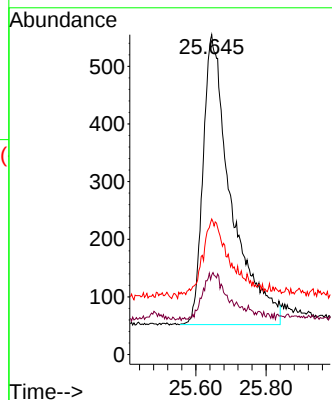
Tgt Ion:278 Resp: 2789

Ion Ratio Lower Upper

278 100

139 24.9 19.0 28.6

279 42.3 29.4 44.2



#29

Benzo(g,h,i)perylene

Concen: 0.602 ng/ul

RT: 26.283 min Scan# 5767

Delta R.T. 0.004 min

Lab File: BM045486.D

Acq: 22 Apr 2024 18:43

Tgt Ion:276 Resp: 3288

Ion Ratio Lower Upper

276 100

138 26.8 20.8 31.2

277 29.4 21.8 32.8

