

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092723\
 Data File : BM042081.D
 Acq On : 27 Sep 2023 12:47
 Operator : MA/JU
 Sample : PB155790BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS790

Quant Time: Sep 27 13:17:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

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

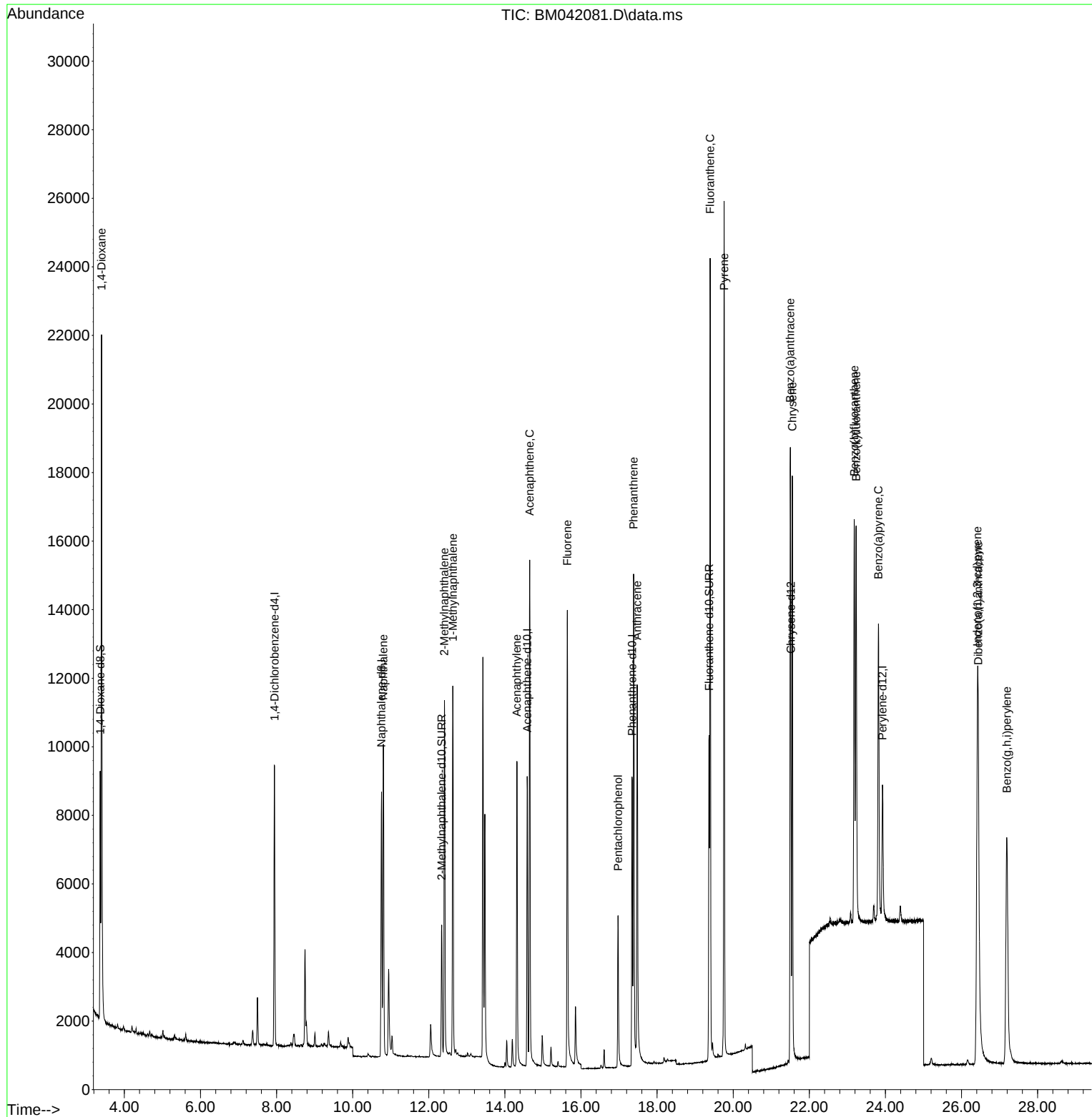
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	4202	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	10136	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.587	164	4576	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.345	188	9636	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	5128	0.400	ng/ul	0.00
23) Perylene-d12	23.924	264	5666	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	4397	0.768	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	5192	0.409	ng/ul	-0.01
18) Fluoranthene-d10	19.366	212	8364	0.396	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.402	88	13125	2.179	ng/ul#	86
5) Naphthalene	10.807	128	12682	0.373	ng/ul	100
7) 2-Methylnaphthalene	12.412	142	7687	0.380	ng/ul	100
8) 1-Methylnaphthalene	12.632	142	7390	0.360	ng/ul	99
10) Acenaphthylene	14.314	152	11652	0.380	ng/ul	99
11) Acenaphthene	14.652	153	8680	0.369	ng/ul	99
12) Fluorene	15.642	166	9763	0.369	ng/ul	98
14) Pentachlorophenol	16.974	266	3265	0.641	ng/ul	100
15) Phenanthrene	17.383	178	16115	0.361	ng/ul	99
16) Anthracene	17.476	178	14022	0.363	ng/ul	99
19) Fluoranthene	19.394	202	19072	0.329	ng/ul	98
20) Pyrene	19.761	202	20062	0.352	ng/ul	99
21) Benzo(a)anthracene	21.501	228	14852	0.382	ng/ul	99
22) Chrysene	21.553	228	15241	0.379	ng/ul	100
24) Benzo(b)fluoranthene	23.181	252	15217	0.349	ng/ul	97
25) Benzo(k)fluoranthene	23.231	252	15555	0.367	ng/ul	97
26) Benzo(a)pyrene	23.816	252	14055	0.392	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.418	276	18462	0.375	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.441	278	13315	0.374	ng/ul	98
29) Benzo(g,h,i)perylene	27.189	276	15898	0.384	ng/ul	99

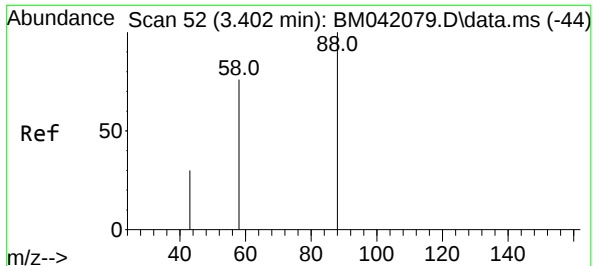
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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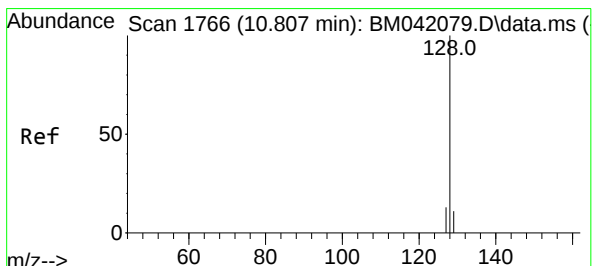
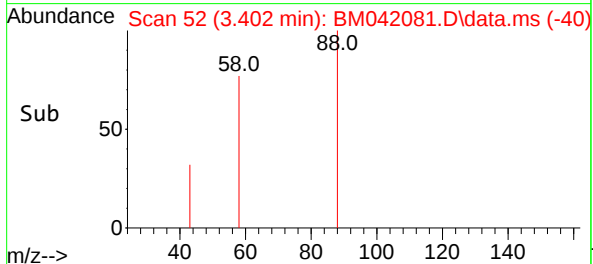
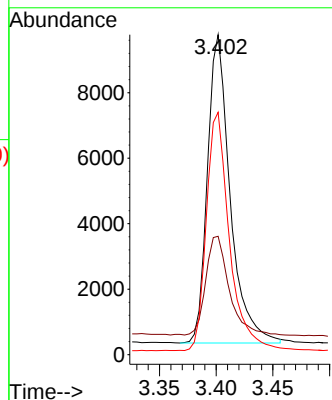
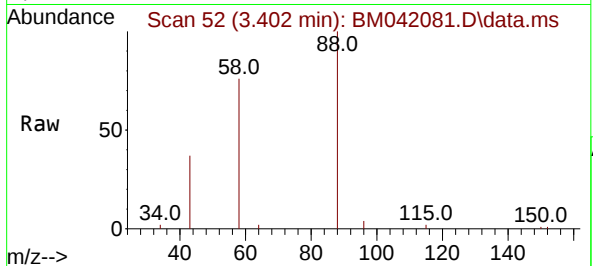




#2
1,4-Dioxane
Concen: 2.179 ng/ul
RT: 3.402 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM042081.D
Acq: 27 Sep 2023 12:47

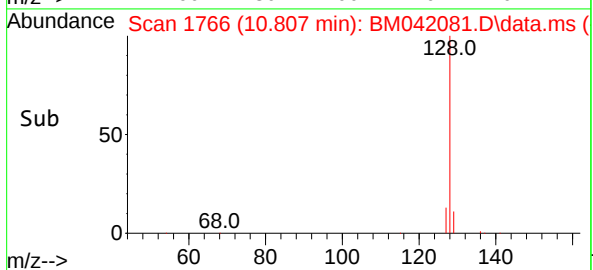
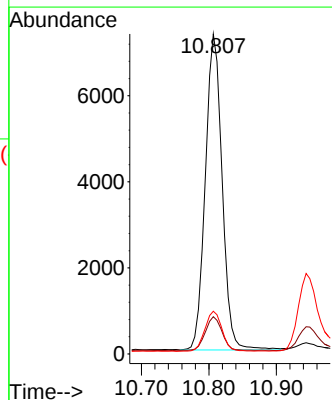
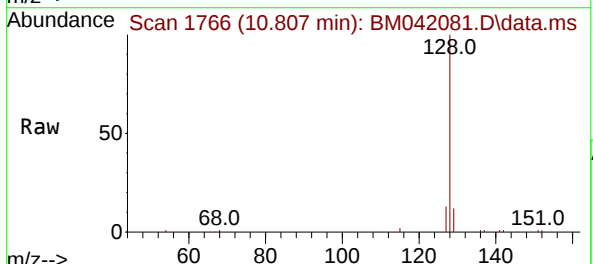
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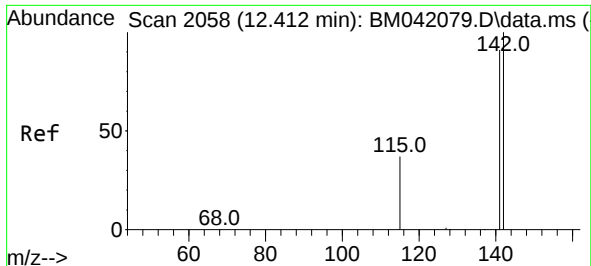
Tgt Ion: 88 Resp: 13125
Ion Ratio Lower Upper
88 100
43 37.0 42.9 64.3#
58 75.7 56.4 84.6



#5
Naphthalene
Concen: 0.373 ng/ul
RT: 10.807 min Scan# 1766
Delta R.T. -0.011 min
Lab File: BM042081.D
Acq: 27 Sep 2023 12:47

Tgt Ion: 128 Resp: 12682
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.4 10.8 16.2

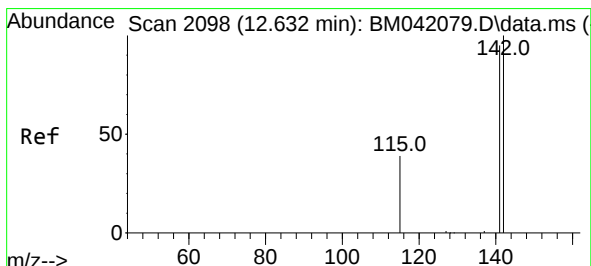
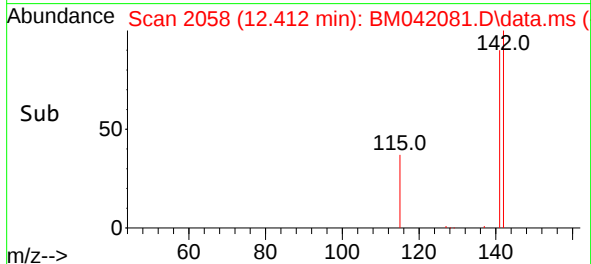
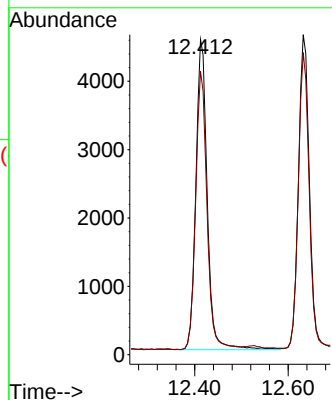
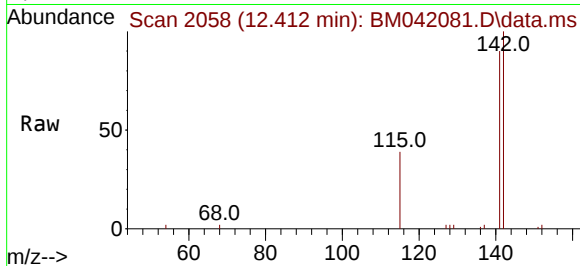




#7
2-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.412 min Scan# 2058
Delta R.T. -0.011 min
Lab File: BM042081.D
Acq: 27 Sep 2023 12:47

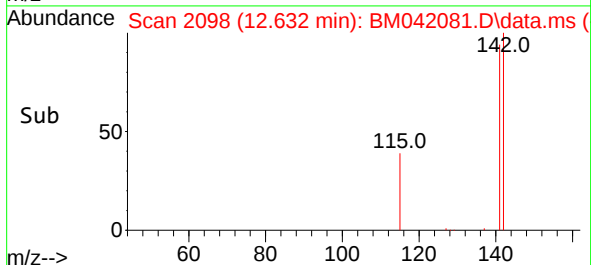
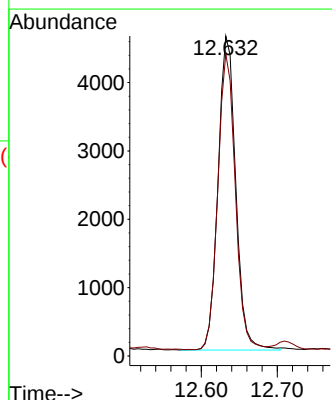
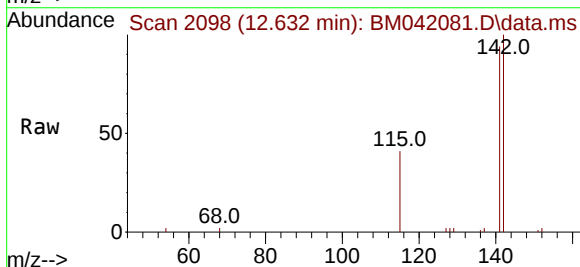
Instrument :
BNA_M
ClientSampleId :
SLCS790

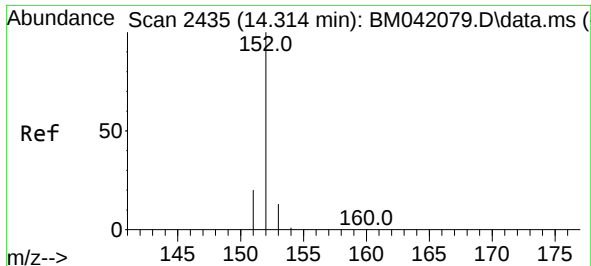
Tgt Ion:142 Resp: 7687
Ion Ratio Lower Upper
142 100
141 89.9 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.360 ng/ul
RT: 12.632 min Scan# 2098
Delta R.T. -0.011 min
Lab File: BM042081.D
Acq: 27 Sep 2023 12:47

Tgt Ion:142 Resp: 7390
Ion Ratio Lower Upper
142 100
141 93.2 75.1 112.7

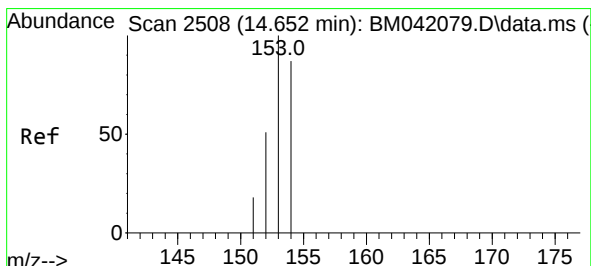
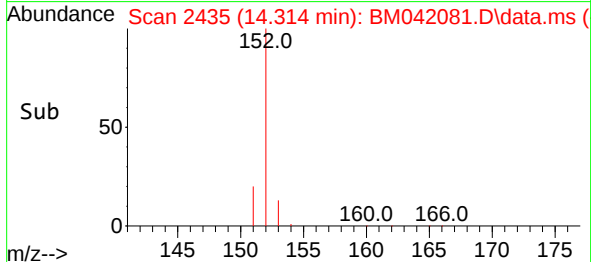
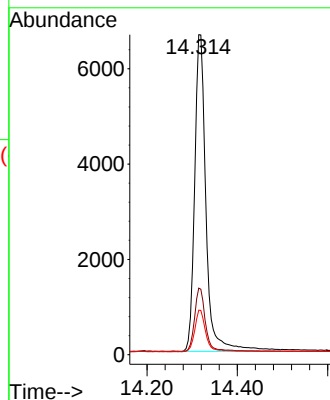
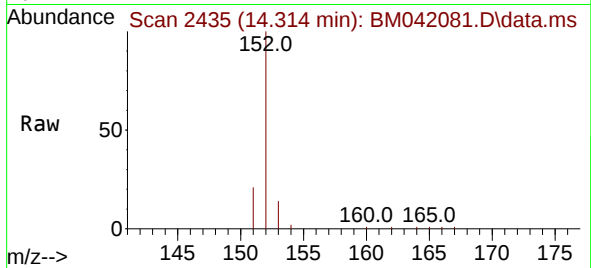




#10
Acenaphthylene
Concen: 0.380 ng/ul
RT: 14.314 min Scan# 2435
Delta R.T. -0.014 min
Lab File: BM042081.D
Acq: 27 Sep 2023 12:47

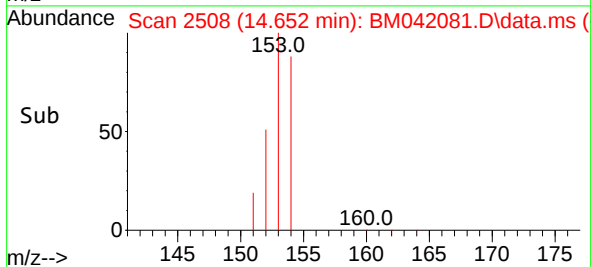
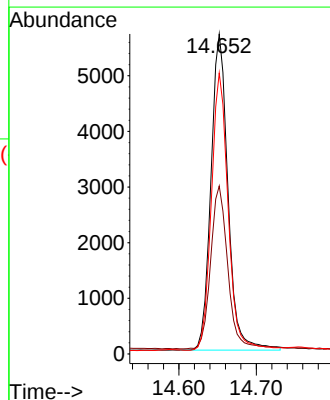
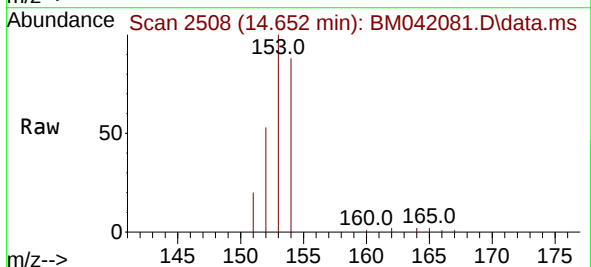
Instrument :
BNA_M
ClientSampleId :
SLCS790

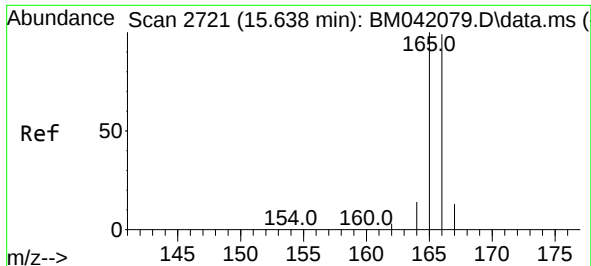
Tgt Ion:152 Resp: 11652
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 13.9 10.8 16.2



#11
Acenaphthene
Concen: 0.369 ng/ul
RT: 14.652 min Scan# 2508
Delta R.T. -0.009 min
Lab File: BM042081.D
Acq: 27 Sep 2023 12:47

Tgt Ion:153 Resp: 8680
Ion Ratio Lower Upper
153 100
152 52.5 41.8 62.8
154 87.8 69.0 103.6

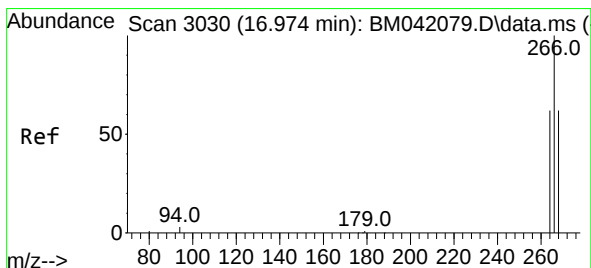
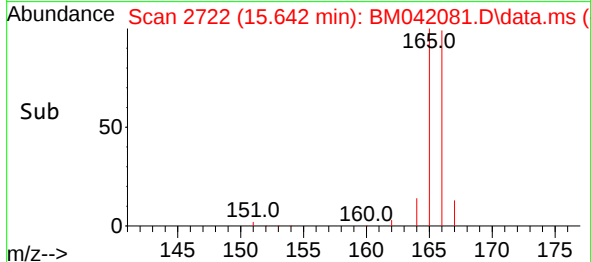
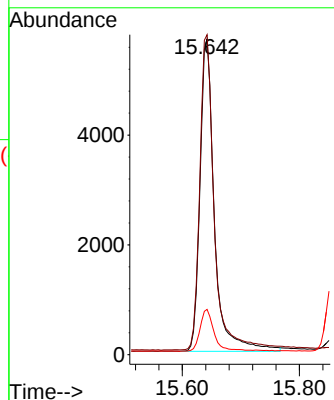
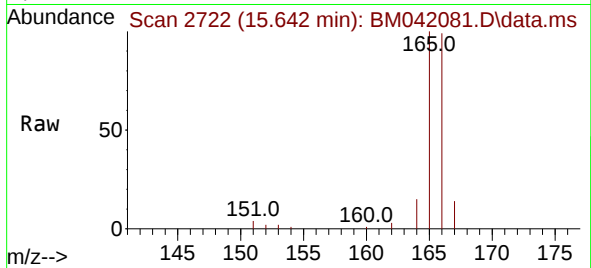




#12
Fluorene
Concen: 0.369 ng/ul
RT: 15.642 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM042081.D
Acq: 27 Sep 2023 12:47

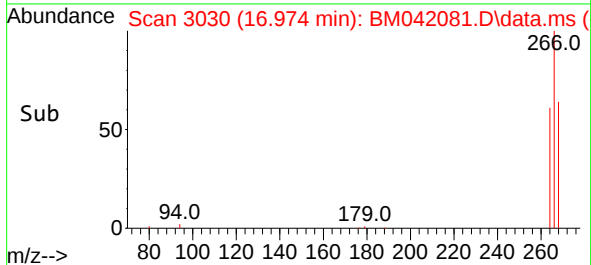
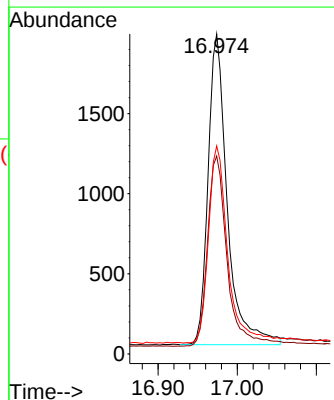
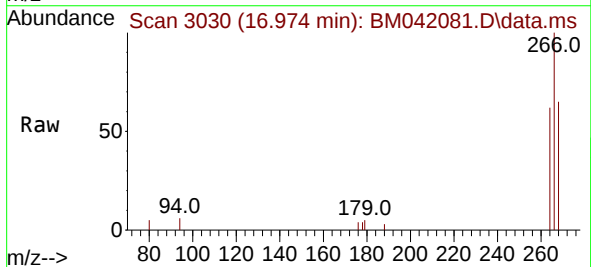
Instrument :
BNA_M
ClientSampleId :
SLCS790

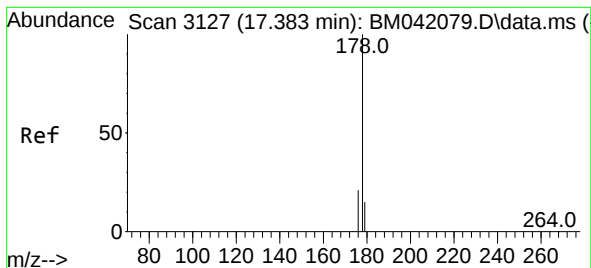
Tgt Ion:166 Resp: 9763
Ion Ratio Lower Upper
166 100
165 101.4 79.8 119.8
167 14.3 11.1 16.7



#14
Pentachlorophenol
Concen: 0.641 ng/ul
RT: 16.974 min Scan# 3030
Delta R.T. -0.008 min
Lab File: BM042081.D
Acq: 27 Sep 2023 12:47

Tgt Ion:266 Resp: 3265
Ion Ratio Lower Upper
266 100
264 63.0 50.2 75.4
268 64.0 51.0 76.4





#15

Phenanthrene

Concen: 0.361 ng/ul

RT: 17.383 min Scan# 3127

Delta R.T. -0.013 min

Lab File: BM042081.D

Acq: 27 Sep 2023 12:47

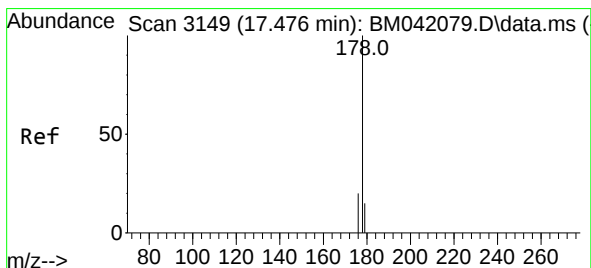
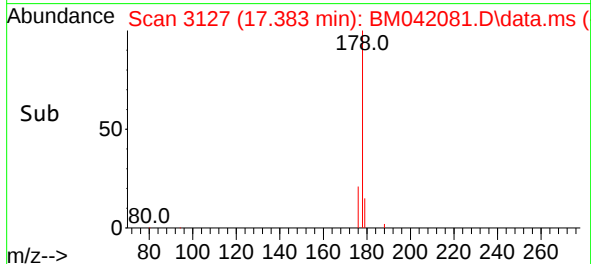
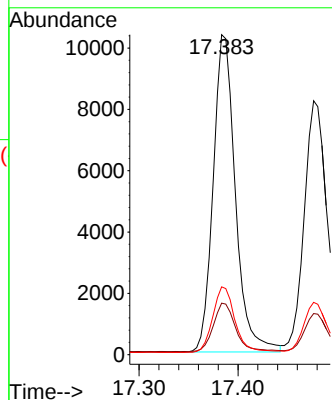
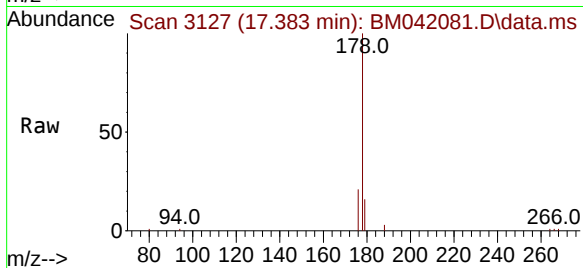
Instrument :

BNA_M

ClientSampleId :

SLCS790

Tgt Ion:178	Resp:	16115
Ion Ratio	Lower	Upper
178	100	
179	16.1	12.7 19.1
176	21.2	16.6 24.8



#16

Anthracene

Concen: 0.363 ng/ul

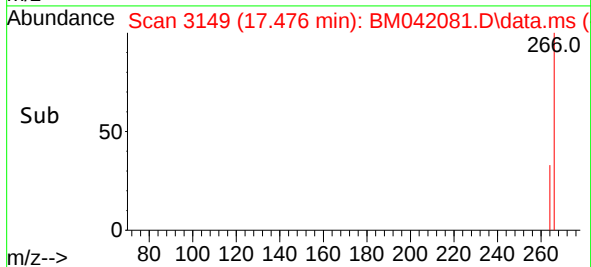
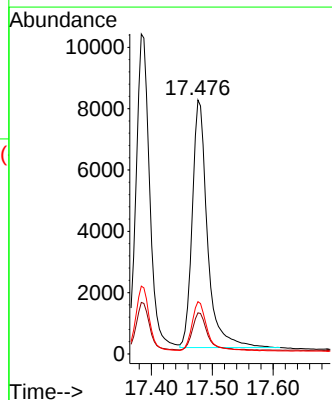
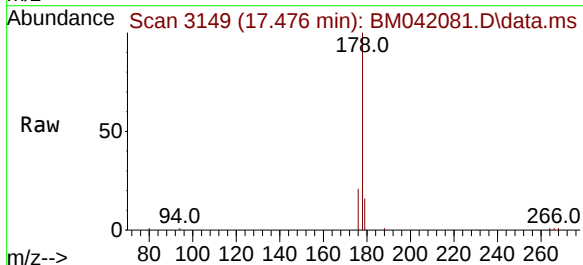
RT: 17.476 min Scan# 3149

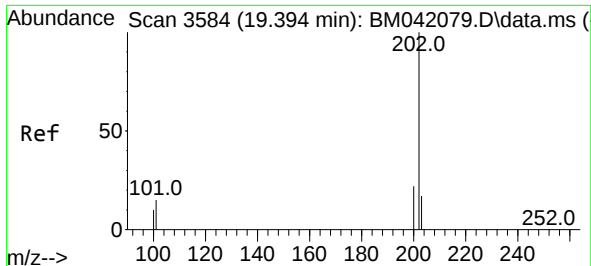
Delta R.T. -0.013 min

Lab File: BM042081.D

Acq: 27 Sep 2023 12:47

Tgt Ion:178	Resp:	14022
Ion Ratio	Lower	Upper
178	100	
179	16.2	12.9 19.3
176	20.6	16.2 24.2

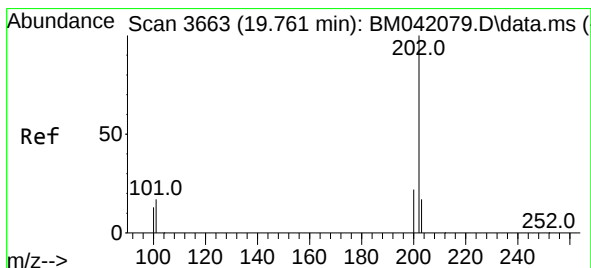
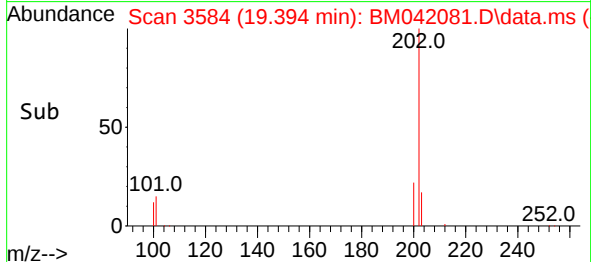
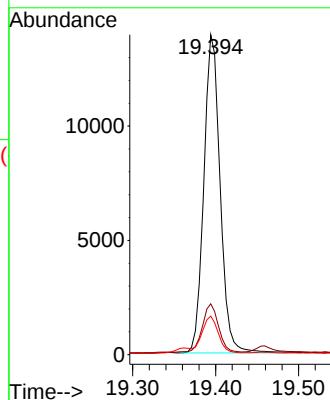
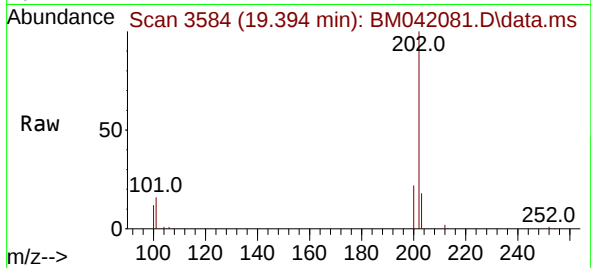




#19
Fluoranthene
Concen: 0.329 ng/ul
RT: 19.394 min Scan# 3584
Delta R.T. -0.009 min
Lab File: BM042081.D
Acq: 27 Sep 2023 12:47

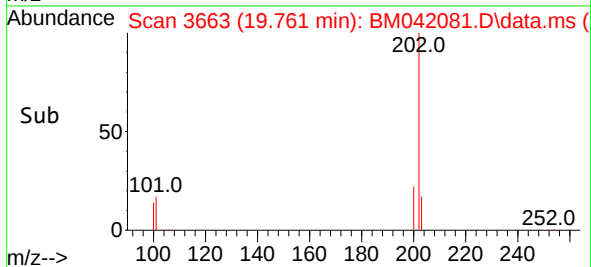
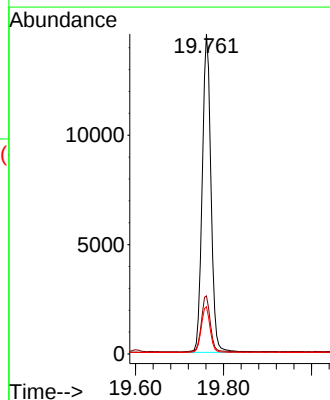
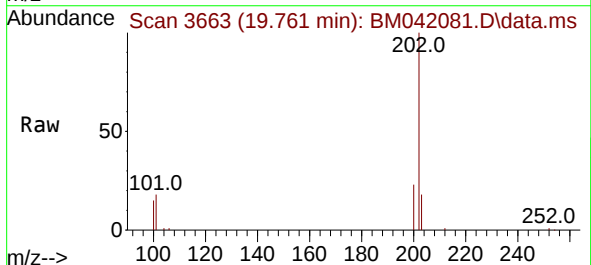
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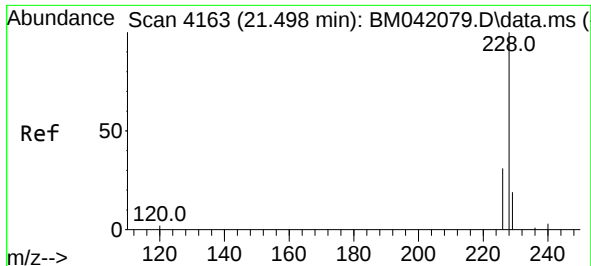
Tgt Ion:202 Resp: 19072
Ion Ratio Lower Upper
202 100
101 15.9 11.8 17.6
100 12.1 9.1 13.7



#20
Pyrene
Concen: 0.352 ng/ul
RT: 19.761 min Scan# 3663
Delta R.T. -0.009 min
Lab File: BM042081.D
Acq: 27 Sep 2023 12:47

Tgt Ion:202 Resp: 20062
Ion Ratio Lower Upper
202 100
101 18.1 14.1 21.1
100 14.7 11.4 17.0

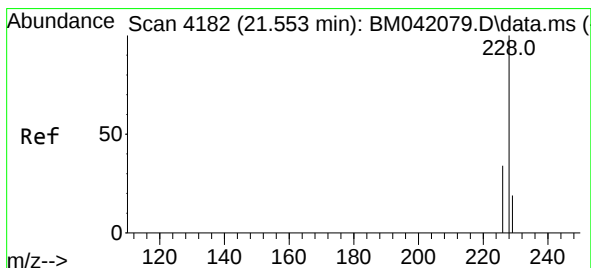
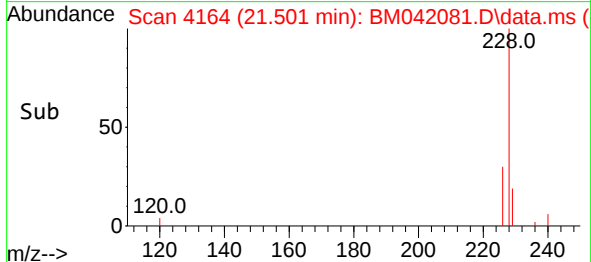
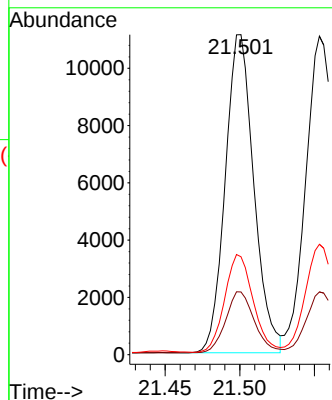
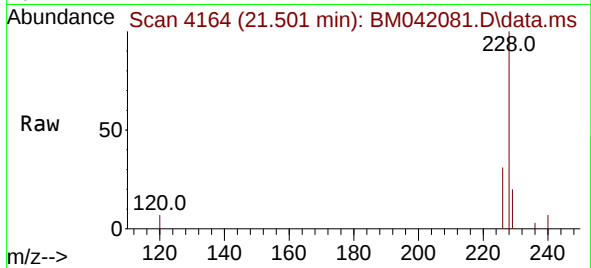




#21
Benzo(a)anthracene
Concen: 0.382 ng/ul
RT: 21.501 min Scan# 4164
Delta R.T. -0.006 min
Lab File: BM042081.D
Acq: 27 Sep 2023 12:47

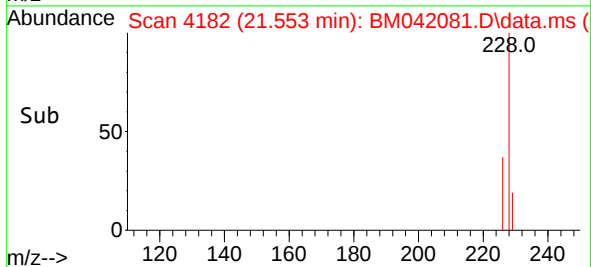
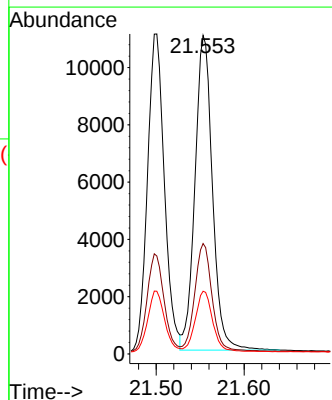
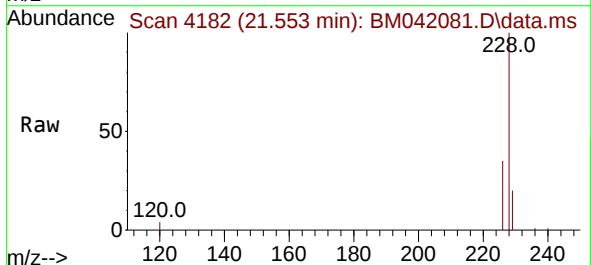
Instrument :
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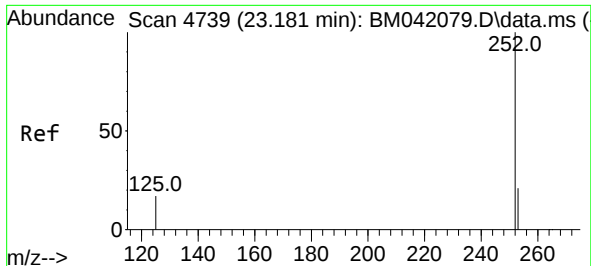
Tgt Ion:228 Resp: 14852
Ion Ratio Lower Upper
228 100
229 19.6 15.5 23.3
226 30.6 24.8 37.2



#22
Chrysene
Concen: 0.379 ng/ul
RT: 21.553 min Scan# 4182
Delta R.T. -0.009 min
Lab File: BM042081.D
Acq: 27 Sep 2023 12:47

Tgt Ion:228 Resp: 15241
Ion Ratio Lower Upper
228 100
226 34.7 27.8 41.6
229 19.7 15.6 23.4

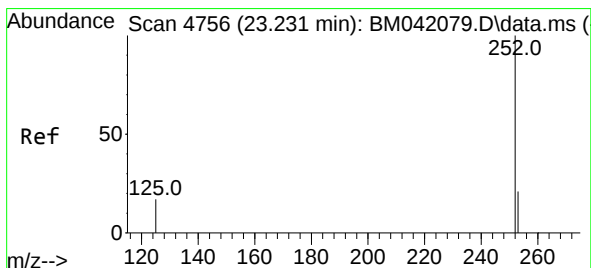
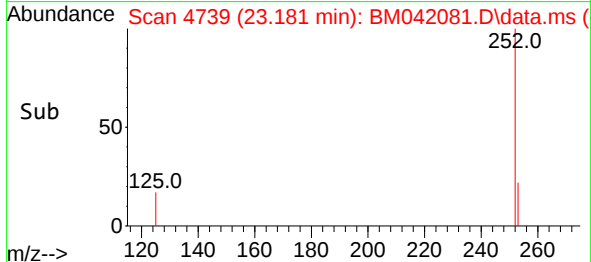
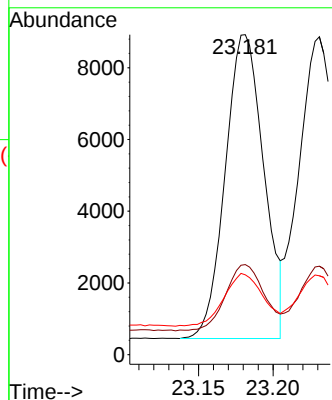
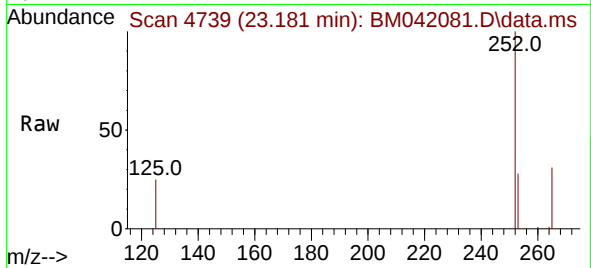




#24
Benzo(b)fluoranthene
Concen: 0.349 ng/ul
RT: 23.181 min Scan# 4739
Delta R.T. -0.009 min
Lab File: BM042081.D
Acq: 27 Sep 2023 12:47

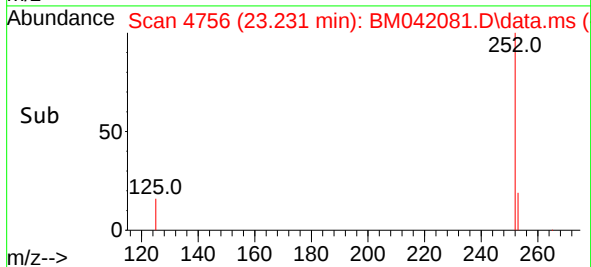
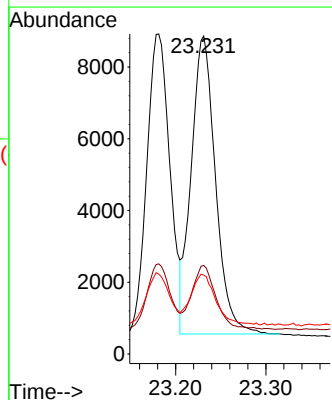
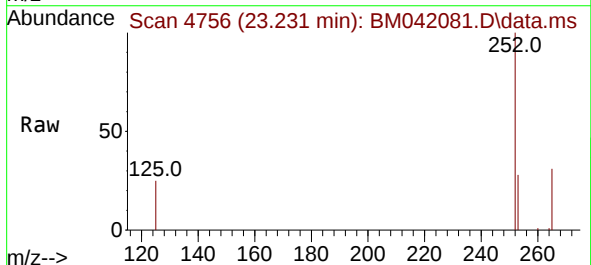
Instrument :
BNA_M
ClientSampleId :
SLCS790

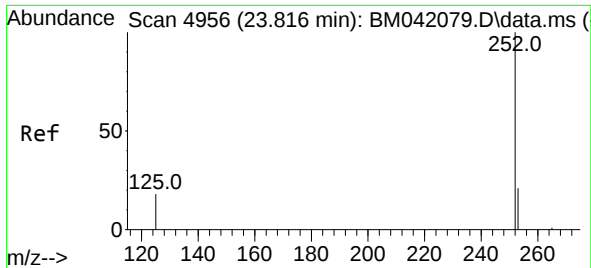
Tgt Ion:252 Resp: 15217
Ion Ratio Lower Upper
252 100
253 28.1 0.0 54.4
125 25.0 0.0 46.2



#25
Benzo(k)fluoranthene
Concen: 0.367 ng/ul
RT: 23.231 min Scan# 4756
Delta R.T. -0.009 min
Lab File: BM042081.D
Acq: 27 Sep 2023 12:47

Tgt Ion:252 Resp: 15555
Ion Ratio Lower Upper
252 100
253 27.9 21.0 31.6
125 24.8 19.0 28.6

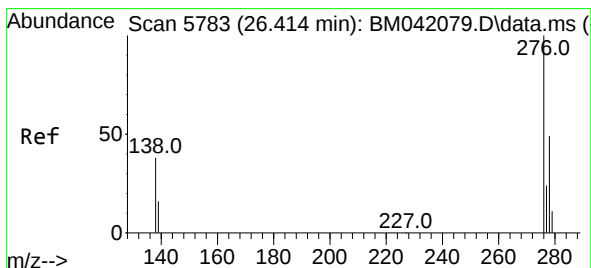
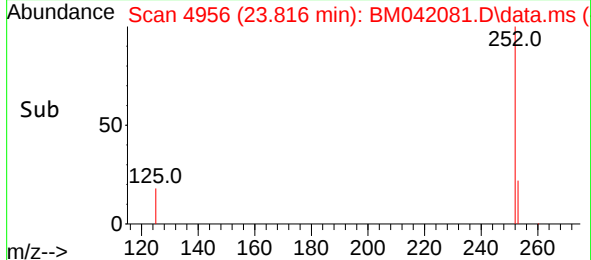
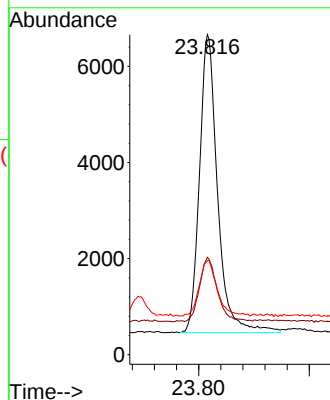
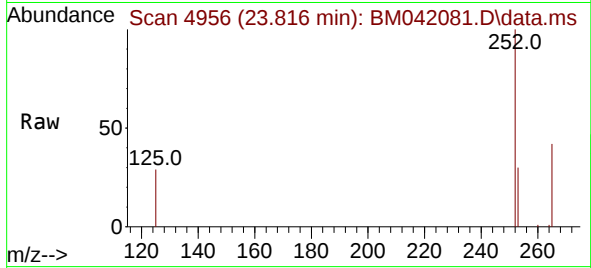




#26
Benzo(a)pyrene
Concen: 0.392 ng/ul
RT: 23.816 min Scan# 4956
Delta R.T. -0.012 min
Lab File: BM042081.D
Acq: 27 Sep 2023 12:47

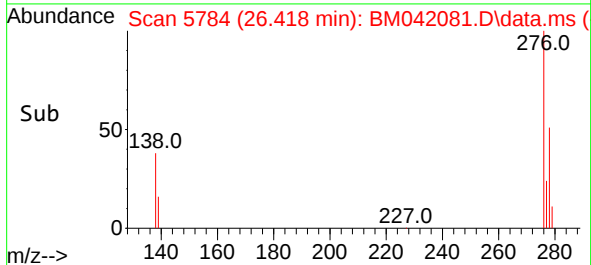
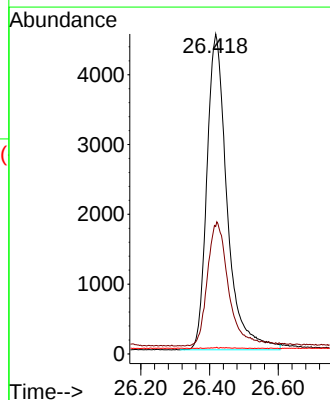
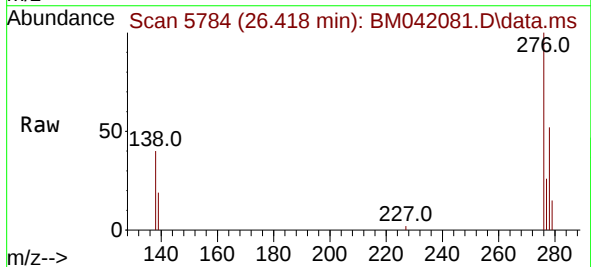
Instrument :
BNA_M
ClientSampleId :
SLCS790

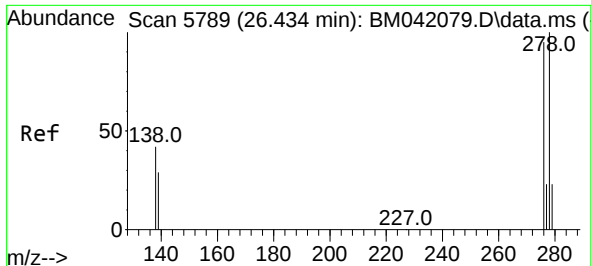
Tgt Ion:	252	Resp:	14055
Ion Ratio	Lower	Upper	
252	100		
253	30.4	23.2	34.8
125	29.4	22.5	33.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng/ul
RT: 26.418 min Scan# 5784
Delta R.T. -0.013 min
Lab File: BM042081.D
Acq: 27 Sep 2023 12:47

Tgt Ion:	276	Resp:	18462
Ion Ratio	Lower	Upper	
276	100		
138	41.1	32.1	48.1
227	0.1	0.2	0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.374 ng/ul

RT: 26.441 min Scan# 5

Delta R.T. -0.010 min

Lab File: BM042081.D

Acq: 27 Sep 2023 12:47

Instrument :

BNA_M

ClientSampleId :

SLCS790

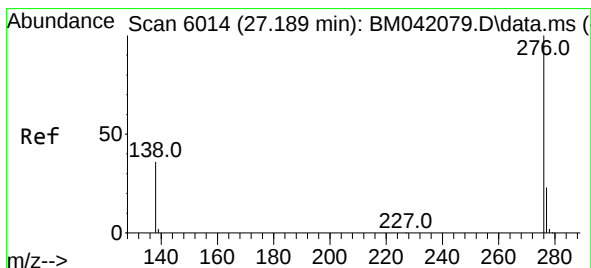
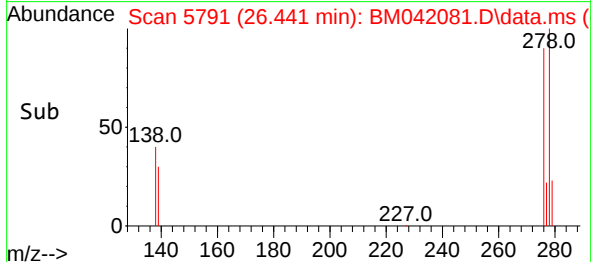
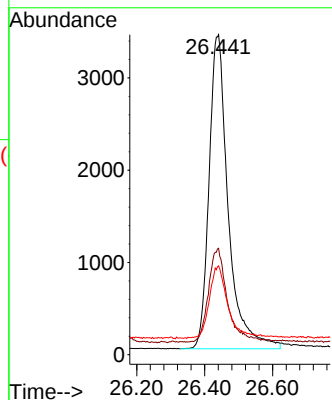
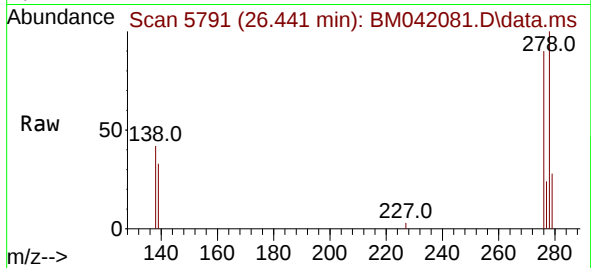
Tgt Ion:278 Resp: 13315

Ion Ratio Lower Upper

278 100

139 33.2 25.0 37.6

279 27.7 21.7 32.5



#29

Benzo(g,h,i)perylene

Concen: 0.384 ng/ul

RT: 27.189 min Scan# 6014

Delta R.T. -0.020 min

Lab File: BM042081.D

Acq: 27 Sep 2023 12:47

Tgt Ion:276 Resp: 15898

Ion Ratio Lower Upper

276 100

138 37.6 29.0 43.4

277 24.6 19.6 29.4

