

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012623\
 Data File : BM038557.D
 Acq On : 26 Jan 2023 20:40
 Operator : CG/JU
 Sample : PB150403BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS403

Quant Time: Jan 27 00:45:00 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 27 00:18:15 2023
 Response via : Initial Calibration

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

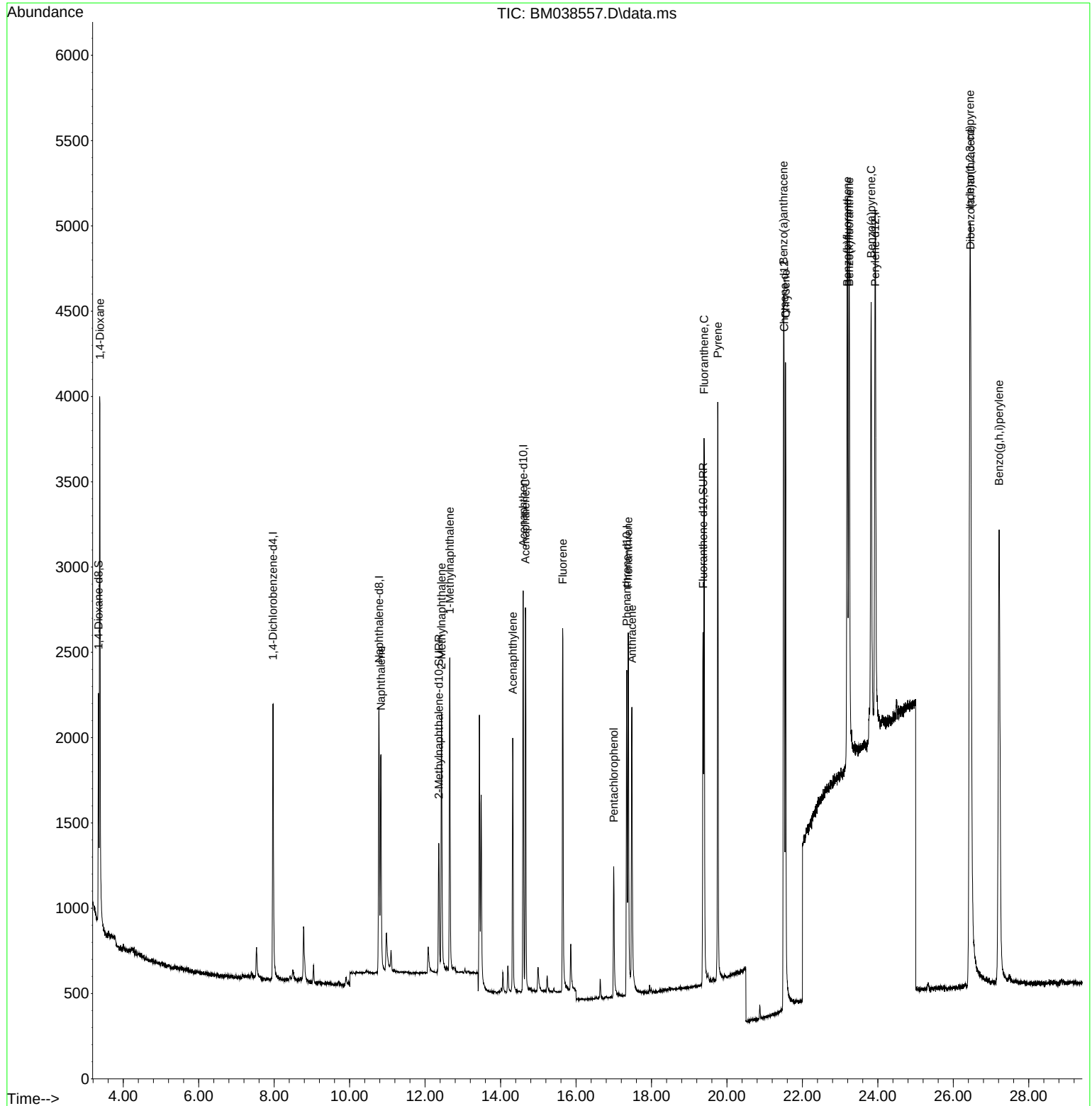
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	1001	0.400	ng/u1	0.00
4) Naphthalene-d8	10.779	136	2405	0.400	ng/u1 #	0.00
9) Acenaphthene-d10	14.601	164	1336	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.345	188	2772	0.400	ng/u1	0.00
17) Chrysene-d12	21.515	240	3099	0.400	ng/u1	0.00
23) Perylene-d12	23.927	264	4492	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	879	0.669	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.363	152	1157	0.310	ng/u1	0.00
18) Fluoranthene-d10	19.366	212	2702	0.305	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	2110	1.582	ng/u1#	22
5) Naphthalene	10.828	128	1929	0.247	ng/u1	94
7) 2-Methylnaphthalene	12.434	142	1142	0.277	ng/u1	99
8) 1-Methylnaphthalene	12.654	142	1262	0.296	ng/u1	99
10) Acenaphthylene	14.324	152	1787	0.303	ng/u1	96
11) Acenaphthene	14.661	153	1339	0.298	ng/u1	99
12) Fluorene	15.647	166	1513	0.270	ng/u1	99
14) Pentachlorophenol	16.999	266	632	0.560	ng/u1	99
15) Phenanthrene	17.383	178	2375	0.265	ng/u1	93
16) Anthracene	17.481	178	2288	0.299	ng/u1	94
19) Fluoranthene	19.394	202	3090	0.280	ng/u1	98
20) Pyrene	19.757	202	3281	0.276	ng/u1	99
21) Benzo(a)anthracene	21.501	228	3303	0.300	ng/u1	99
22) Chrysene	21.553	228	3420	0.309	ng/u1	96
24) Benzo(b)fluoranthene	23.190	252	4694	0.278	ng/u1	96
25) Benzo(k)fluoranthene	23.240	252	4843	0.295	ng/u1	97
26) Benzo(a)pyrene	23.822	252	4677	0.308	ng/u1	94
27) Indeno(1,2,3-cd)pyrene	26.441	276	7539	0.353	ng/u1#	95
28) Dibenzo(a,h)anthracene	26.458	278	5994	0.353	ng/u1	96
29) Benzo(g,h,i)perylene	27.213	276	6796	0.366	ng/u1	97

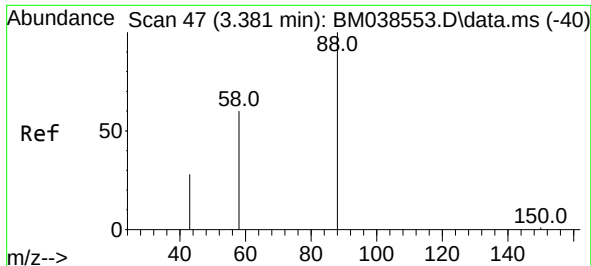
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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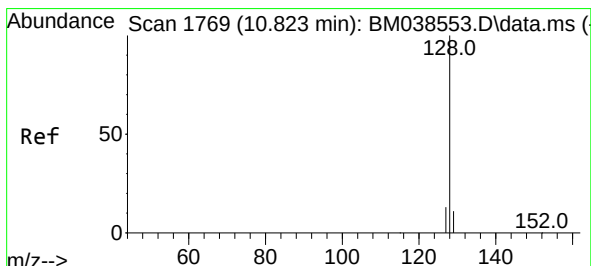
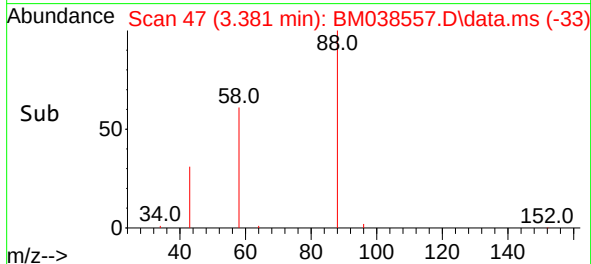
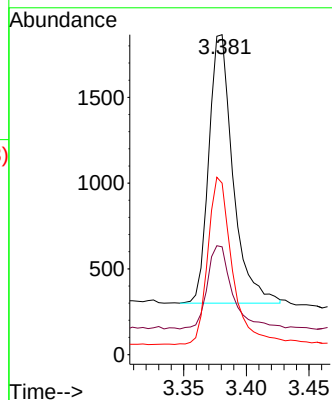
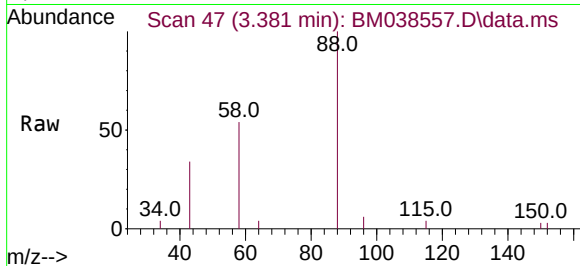




#2
1,4-Dioxane
Concen: 1.582 ng/ul
RT: 3.381 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM038557.D
Acq: 26 Jan 2023 20:40

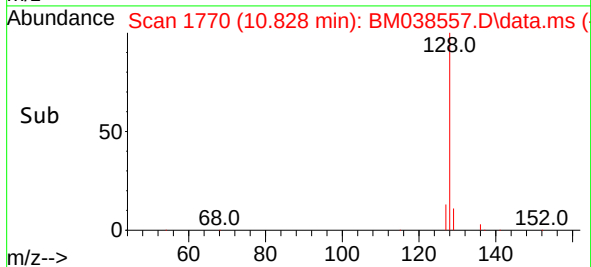
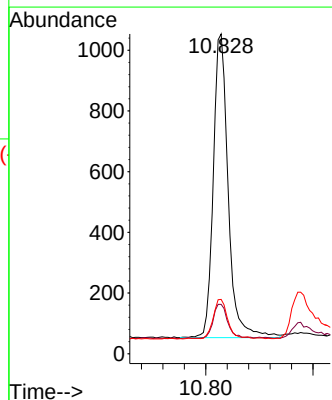
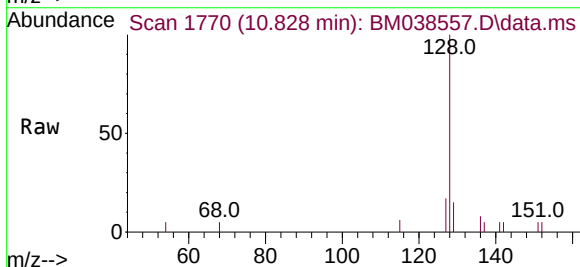
Instrument :
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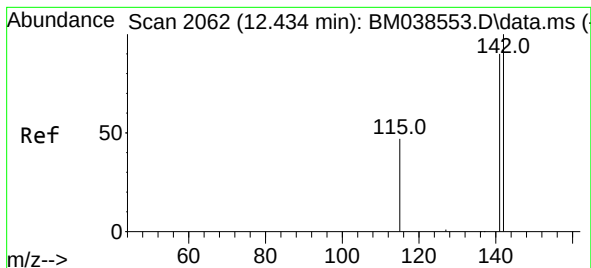
Tgt Ion: 88 Resp: 2110
Ion Ratio Lower Upper
88 100
43 33.7 141.3 211.9#
58 53.6 45.7 68.5



#5
Naphthalene
Concen: 0.247 ng/ul
RT: 10.828 min Scan# 1770
Delta R.T. -0.001 min
Lab File: BM038557.D
Acq: 26 Jan 2023 20:40

Tgt Ion: 128 Resp: 1929
Ion Ratio Lower Upper
128 100
129 15.5 10.3 15.5
127 17.0 11.9 17.9

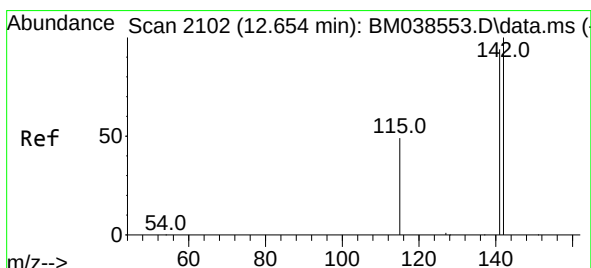
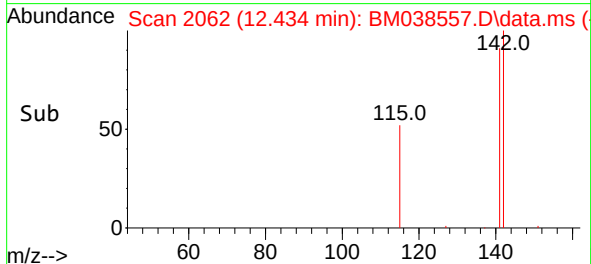
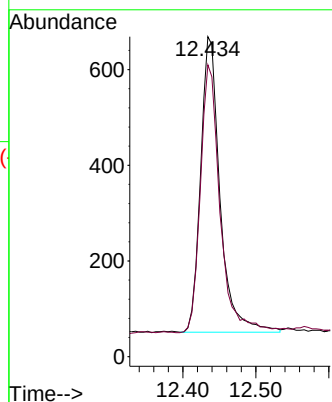
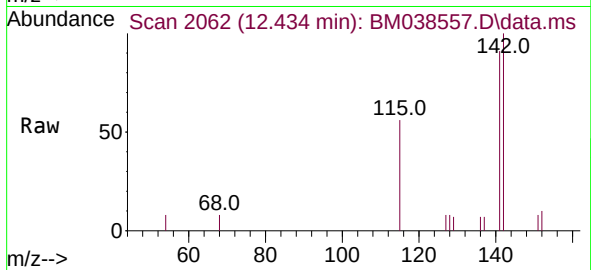




#7
2-Methylnaphthalene
Concen: 0.277 ng/ul
RT: 12.434 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BM038557.D
Acq: 26 Jan 2023 20:40

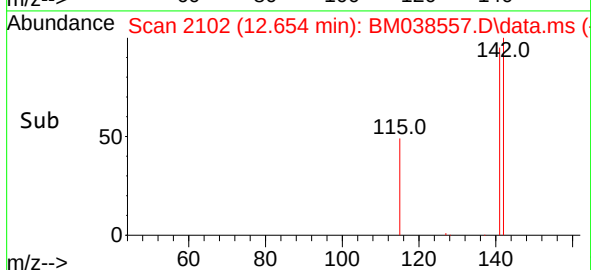
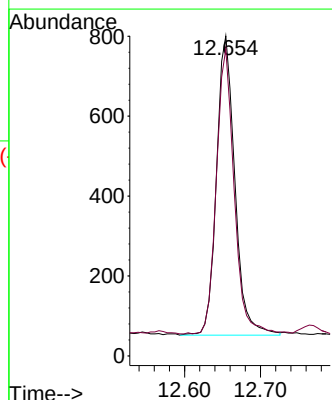
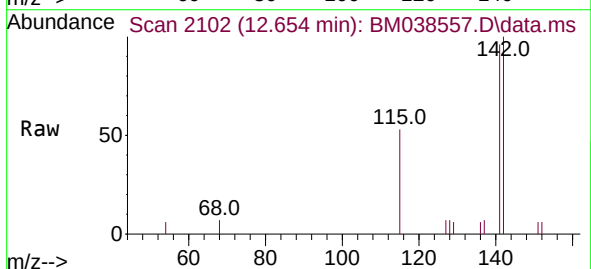
Instrument :
BNA_M
ClientSampleId :
SLCS403

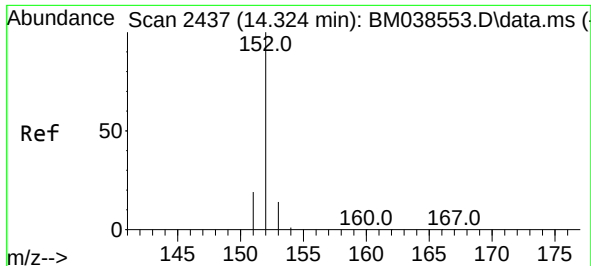
Tgt Ion:142 Resp: 1142
Ion Ratio Lower Upper
142 100
141 93.0 73.7 110.5



#8
1-Methylnaphthalene
Concen: 0.296 ng/ul
RT: 12.654 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BM038557.D
Acq: 26 Jan 2023 20:40

Tgt Ion:142 Resp: 1262
Ion Ratio Lower Upper
142 100
141 91.9 74.0 111.0

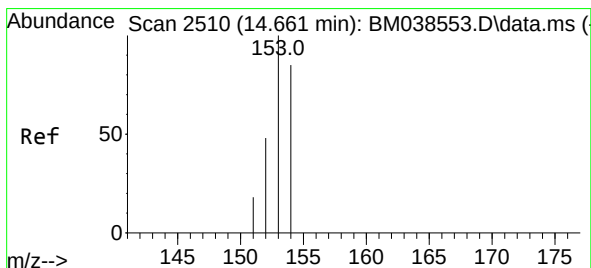
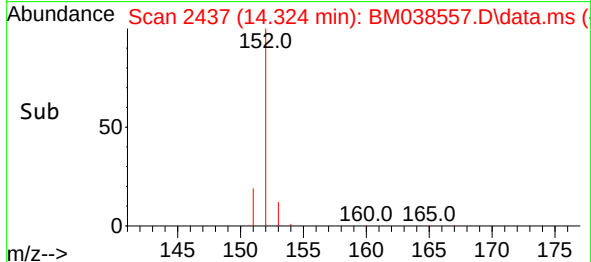
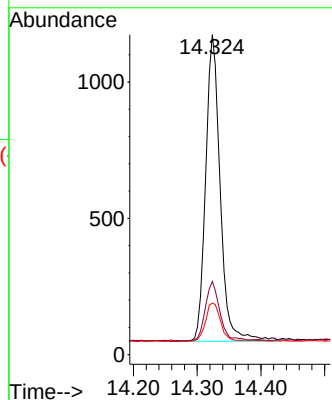
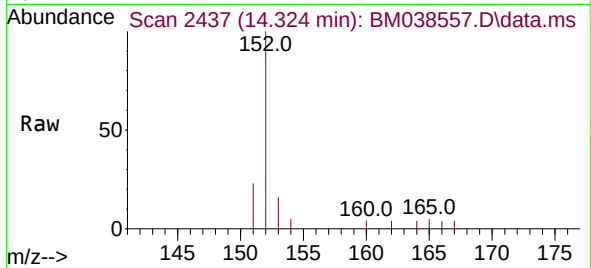




#10
Acenaphthylene
Concen: 0.303 ng/ul
RT: 14.324 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BM038557.D
Acq: 26 Jan 2023 20:40

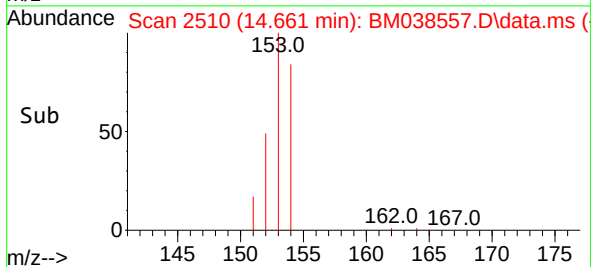
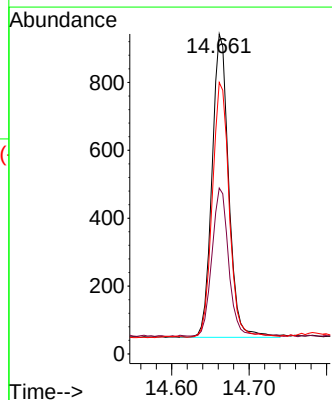
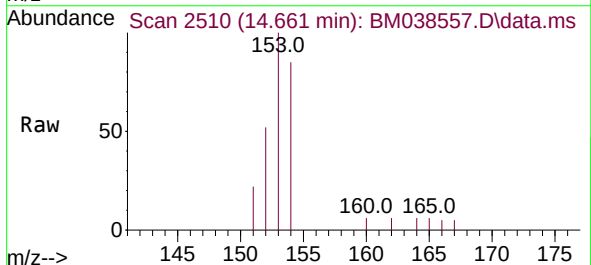
Instrument :
BNA_M
ClientSampleId :
SLCS403

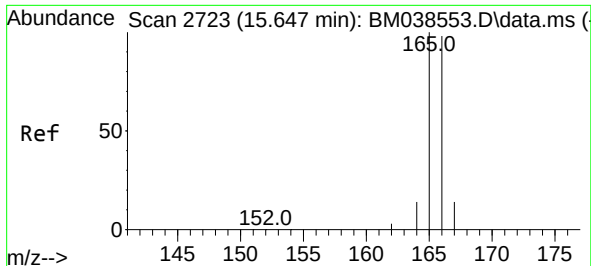
Tgt Ion:	152	Resp:	1787
Ion Ratio	Lower	Upper	
152	100		
151	22.8	16.3	24.5
153	16.1	11.8	17.6



#11
Acenaphthene
Concen: 0.298 ng/ul
RT: 14.661 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BM038557.D
Acq: 26 Jan 2023 20:40

Tgt Ion:	153	Resp:	1339
Ion Ratio	Lower	Upper	
153	100		
152	51.9	40.1	60.1
154	84.8	68.4	102.6

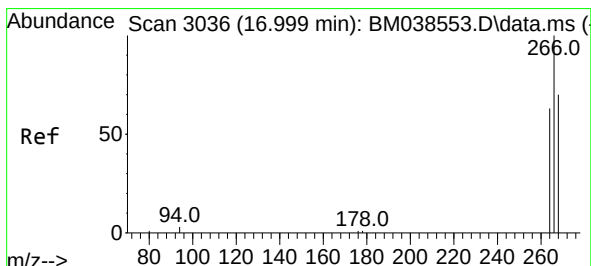
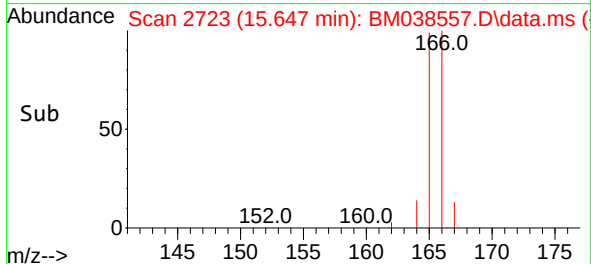
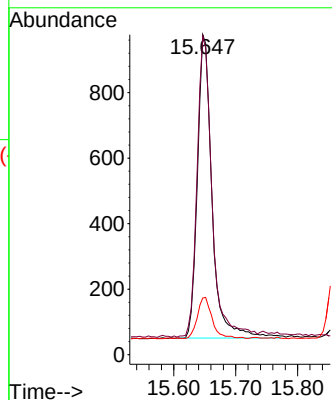
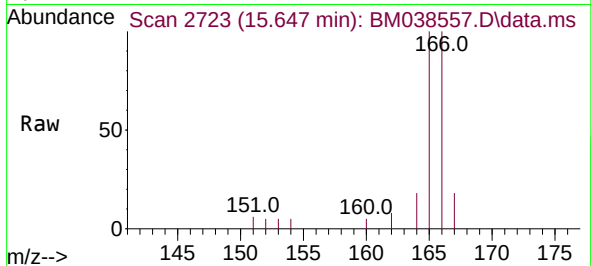




#12
Fluorene
Concen: 0.270 ng/ul
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038557.D
Acq: 26 Jan 2023 20:40

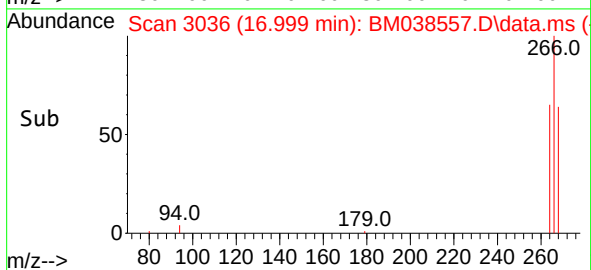
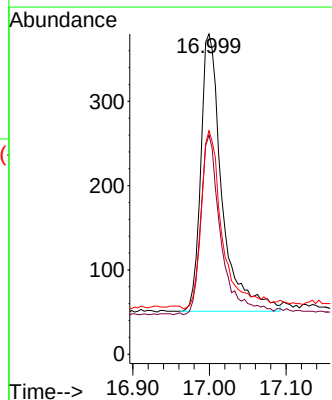
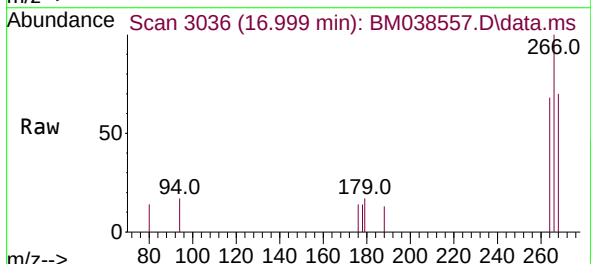
Instrument :
BNA_M
ClientSampleId :
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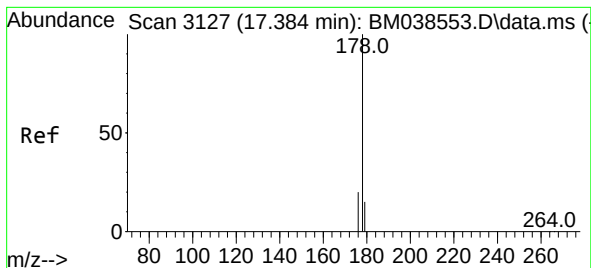
Tgt Ion:	166	Resp:	1513
Ion Ratio	Lower	Upper	
166	100		
165	99.6	79.3	118.9
167	17.7	11.9	17.9



#14
Pentachlorophenol
Concen: 0.560 ng/ul
RT: 16.999 min Scan# 3036
Delta R.T. -0.000 min
Lab File: BM038557.D
Acq: 26 Jan 2023 20:40

Tgt Ion:	266	Resp:	632
Ion Ratio	Lower	Upper	
266	100		
264	61.7	49.4	74.2
268	66.5	51.7	77.5





#15

Phenanthrene

Concen: 0.265 ng/ul

RT: 17.383 min Scan# 3127

Delta R.T. -0.000 min

Lab File: BM038557.D

Acq: 26 Jan 2023 20:40

Instrument :

BNA_M

ClientSampleId :

SLCS403

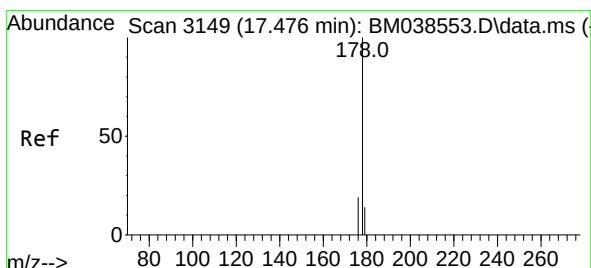
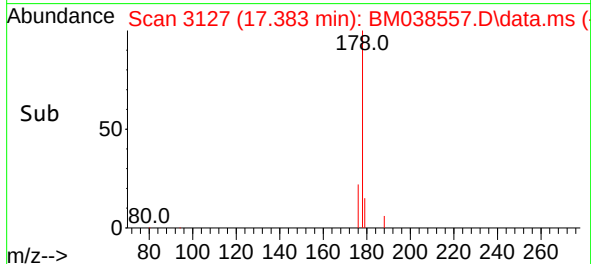
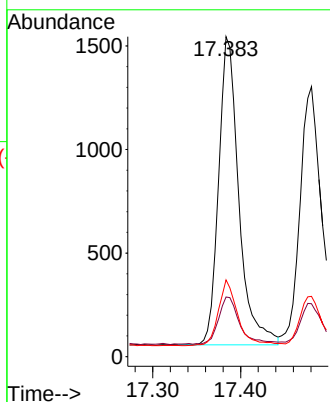
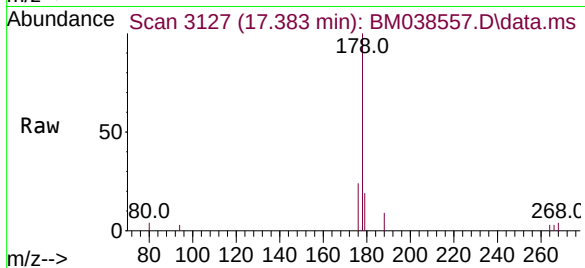
Tgt Ion:178 Resp: 2375

Ion Ratio Lower Upper

178 100

179 18.6 13.0 19.4

176 24.0 16.4 24.6



#16

Anthracene

Concen: 0.299 ng/ul

RT: 17.481 min Scan# 3150

Delta R.T. 0.004 min

Lab File: BM038557.D

Acq: 26 Jan 2023 20:40

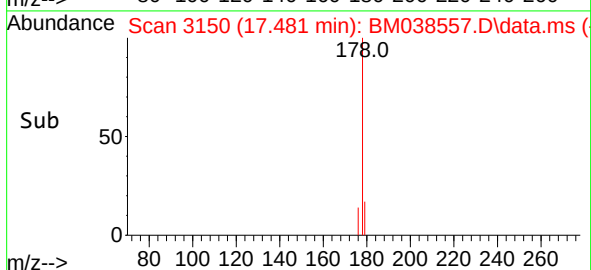
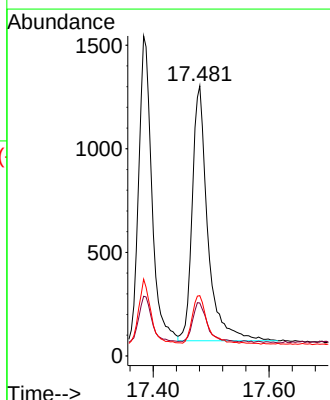
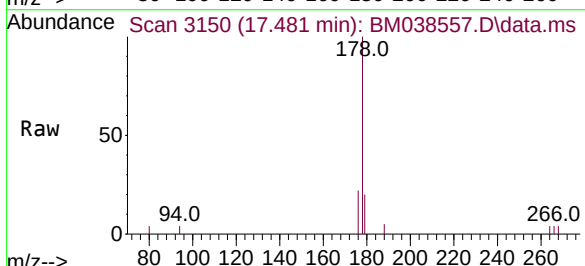
Tgt Ion:178 Resp: 2288

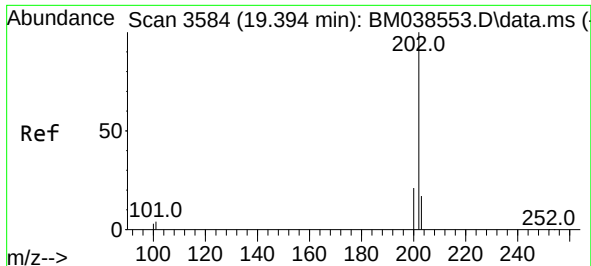
Ion Ratio Lower Upper

178 100

179 19.6 13.2 19.8

176 22.3 16.2 24.4

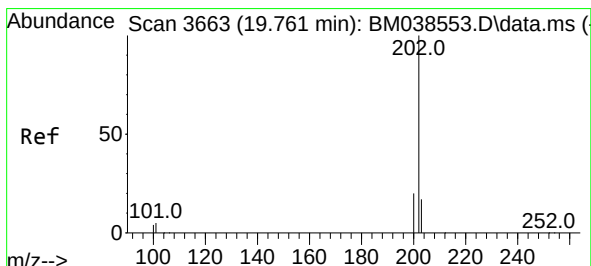
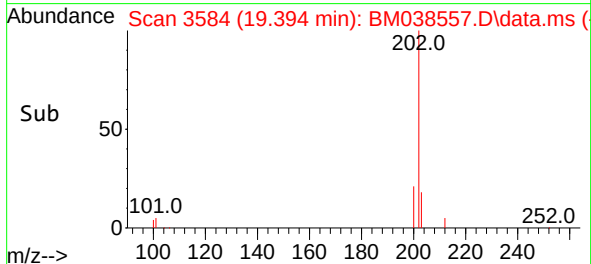
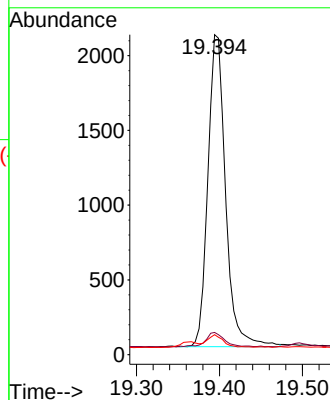
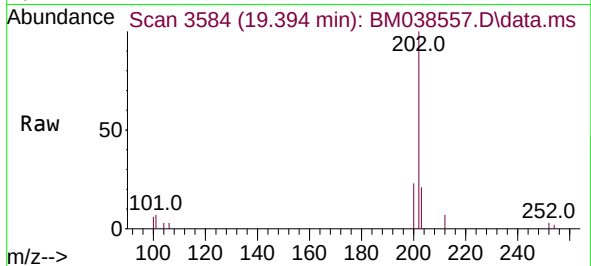




#19
Fluoranthene
Concen: 0.280 ng/ul
RT: 19.394 min Scan# 3584
Delta R.T. -0.000 min
Lab File: BM038557.D
Acq: 26 Jan 2023 20:40

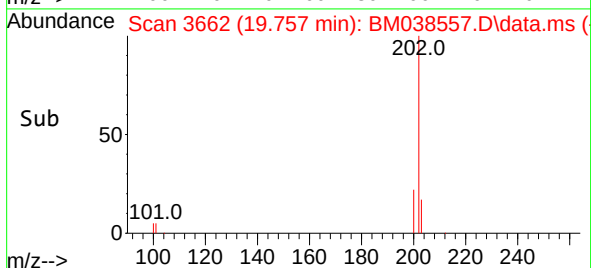
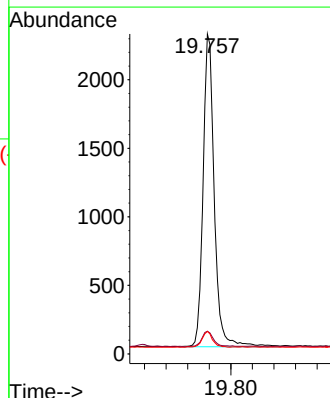
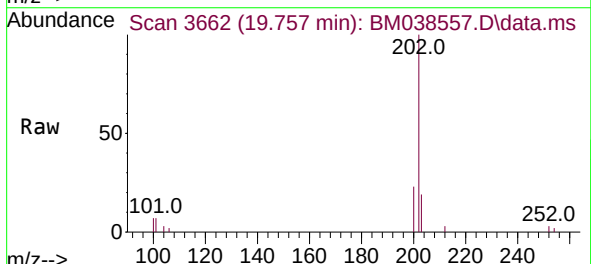
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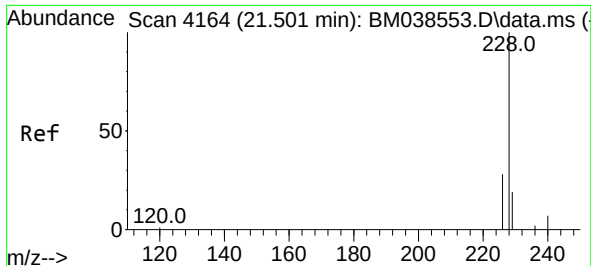
Tgt Ion:	202	Resp:	3090
Ion Ratio	Lower	Upper	
202	100		
101	7.0	5.3	7.9
100	6.2	4.2	6.2



#20
Pyrene
Concen: 0.276 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. -0.000 min
Lab File: BM038557.D
Acq: 26 Jan 2023 20:40

Tgt Ion:	202	Resp:	3281
Ion Ratio	Lower	Upper	
202	100		
101	7.1	5.9	8.9
100	7.0	5.2	7.8

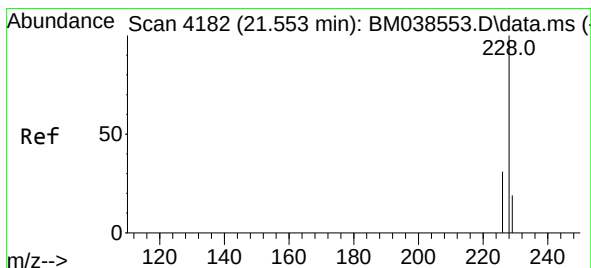
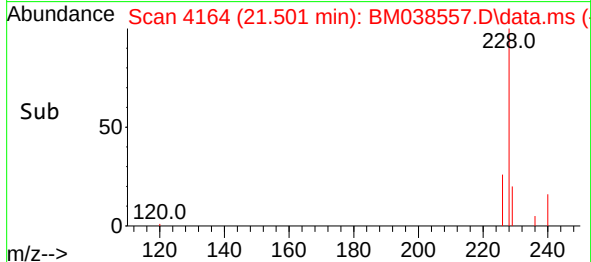
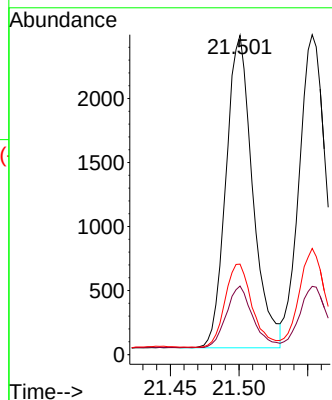
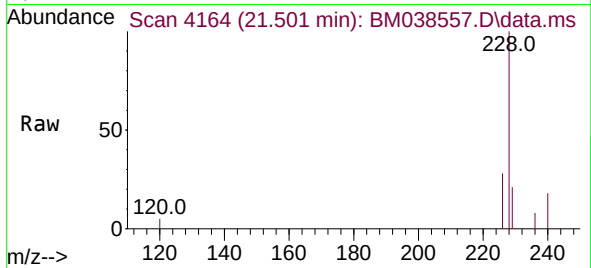




#21
Benzo(a)anthracene
Concen: 0.300 ng/ul
RT: 21.501 min Scan# 4164
Delta R.T. -0.000 min
Lab File: BM038557.D
Acq: 26 Jan 2023 20:40

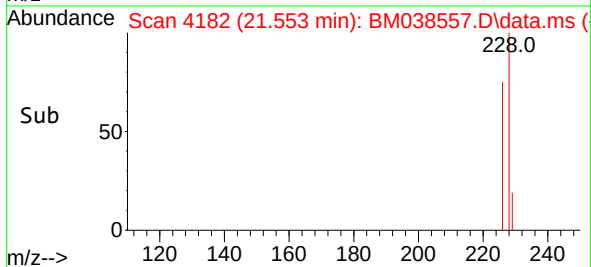
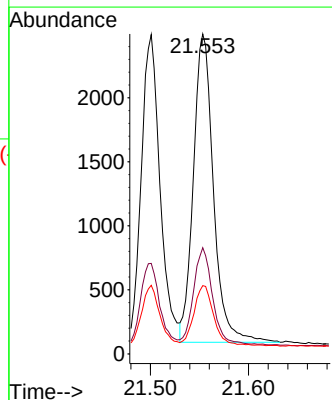
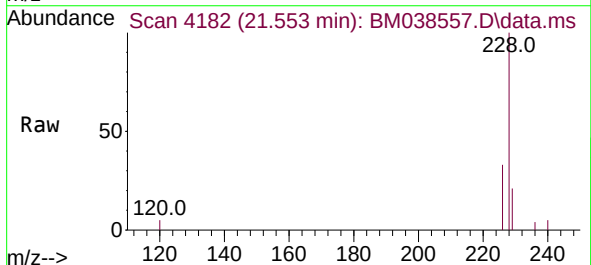
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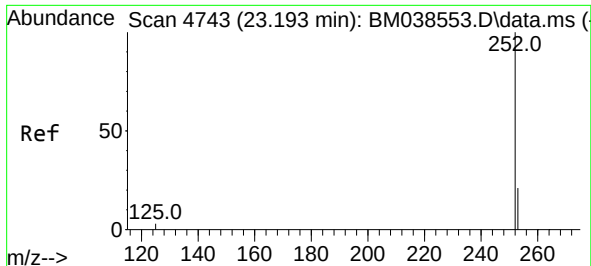
Tgt Ion:228 Resp: 3303
Ion Ratio Lower Upper
228 100
229 21.5 16.7 25.1
226 28.3 22.2 33.4



#22
Chrysene
Concen: 0.309 ng/ul
RT: 21.553 min Scan# 4182
Delta R.T. -0.000 min
Lab File: BM038557.D
Acq: 26 Jan 2023 20:40

Tgt Ion:228 Resp: 3420
Ion Ratio Lower Upper
228 100
226 33.2 24.6 36.8
229 21.3 16.2 24.4

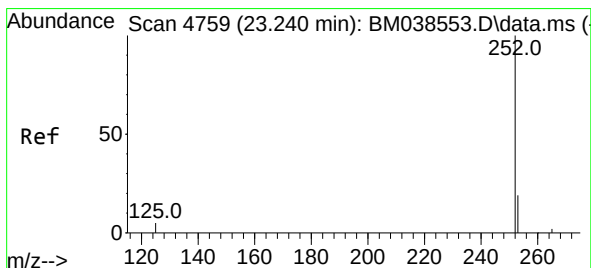
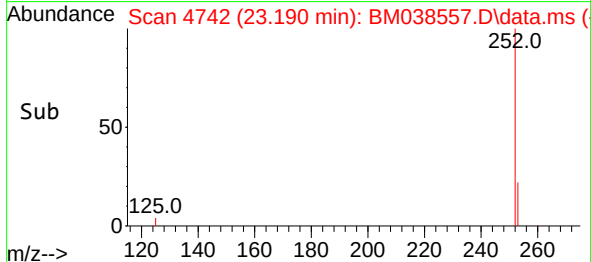
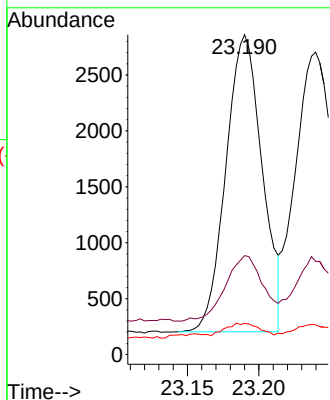
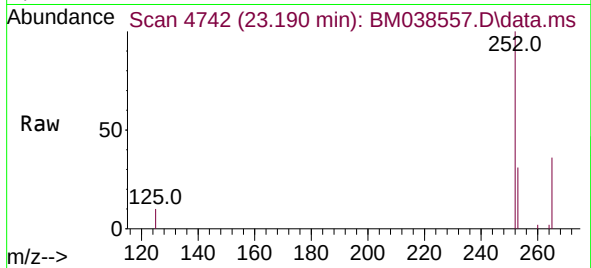




#24
Benzo(b)fluoranthene
Concen: 0.278 ng/ul
RT: 23.190 min Scan# 4743
Delta R.T. -0.000 min
Lab File: BM038557.D
Acq: 26 Jan 2023 20:40

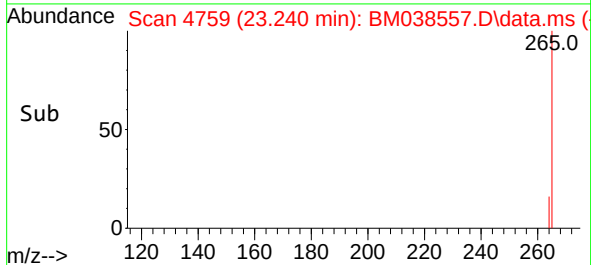
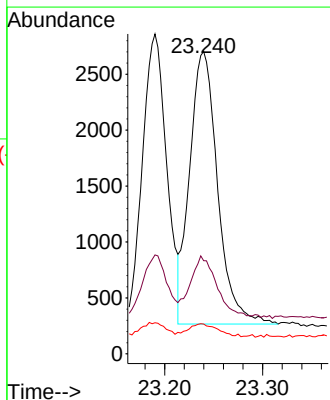
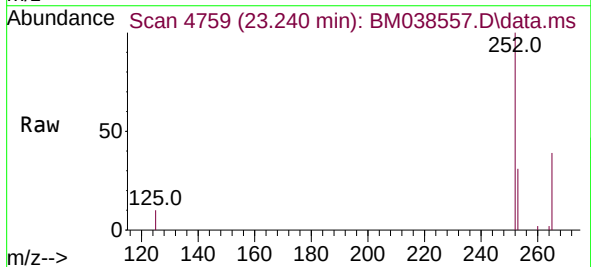
Instrument :
BNA_M
ClientSampleId :
SLCS403

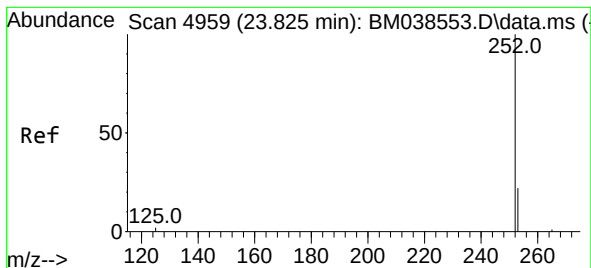
Tgt Ion:252 Resp: 4694
Ion Ratio Lower Upper
252 100
253 30.9 0.0 56.6
125 9.7 0.0 21.4



#25
Benzo(k)fluoranthene
Concen: 0.295 ng/ul
RT: 23.240 min Scan# 4759
Delta R.T. -0.000 min
Lab File: BM038557.D
Acq: 26 Jan 2023 20:40

Tgt Ion:252 Resp: 4843
Ion Ratio Lower Upper
252 100
253 30.8 23.1 34.7
125 9.9 8.4 12.6





#26

Benzo(a)pyrene

Concen: 0.308 ng/ul

RT: 23.822 min Scan# 4959

Delta R.T. -0.000 min

Lab File: BM038557.D

Acq: 26 Jan 2023 20:40

Instrument :

BNA_M

ClientSampleId :

SLCS403

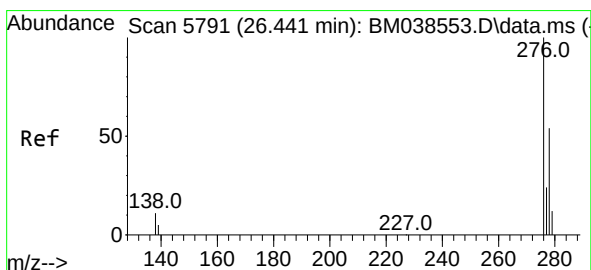
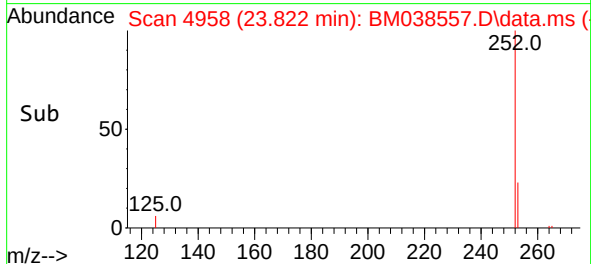
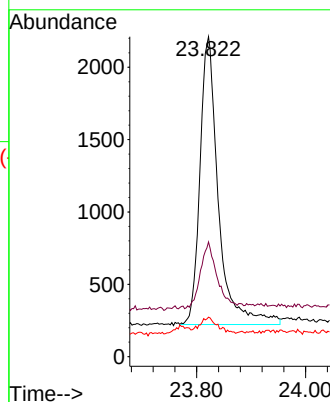
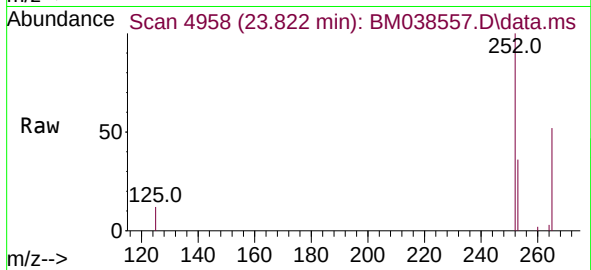
Tgt Ion:252 Resp: 4677

Ion Ratio Lower Upper

252 100

253 35.8 25.1 37.7

125 12.3 10.0 15.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.353 ng/ul

RT: 26.441 min Scan# 5791

Delta R.T. 0.000 min

Lab File: BM038557.D

Acq: 26 Jan 2023 20:40

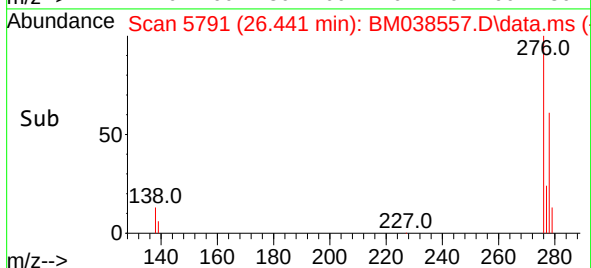
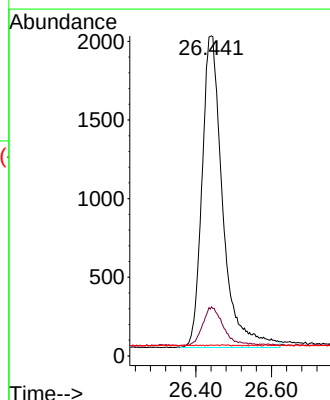
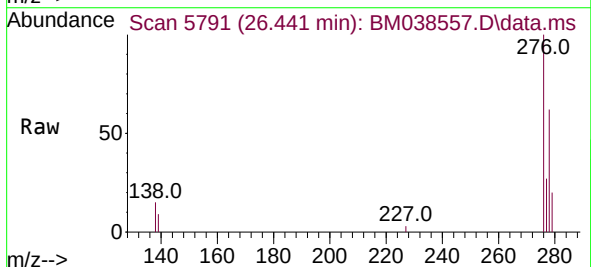
Tgt Ion:276 Resp: 7539

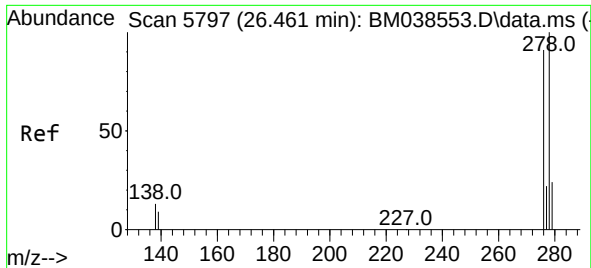
Ion Ratio Lower Upper

276 100

138 12.3 11.7 17.5

227 0.1 0.3 0.5

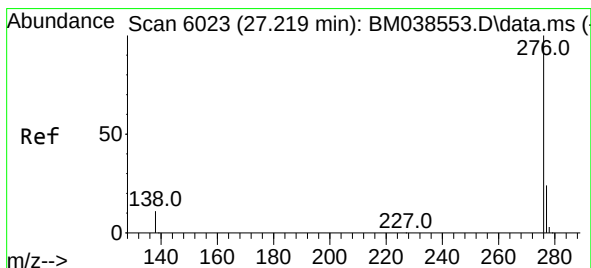
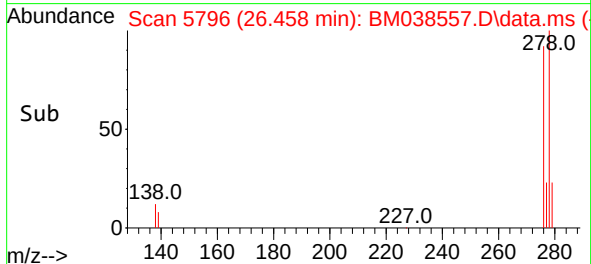
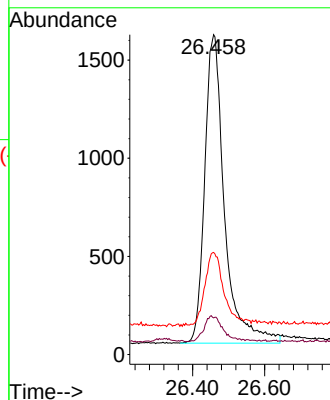
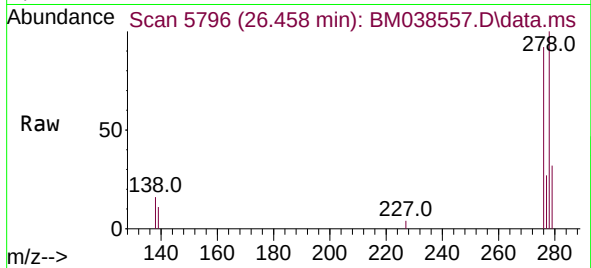




#28
 Dibenzo(a,h)anthracene
 Concen: 0.353 ng/ul
 RT: 26.458 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BM038557.D
 Acq: 26 Jan 2023 20:40

Instrument :
 BNA_M
 ClientSampleId :
 SLCS403

Tgt Ion:278 Resp: 5994
 Ion Ratio Lower Upper
 278 100
 139 11.5 9.8 14.8
 279 31.9 23.3 34.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.366 ng/ul
 RT: 27.213 min Scan# 6021
 Delta R.T. -0.006 min
 Lab File: BM038557.D
 Acq: 26 Jan 2023 20:40

Tgt Ion:276 Resp: 6796
 Ion Ratio Lower Upper
 276 100
 138 13.7 12.6 19.0
 277 26.5 20.5 30.7

