

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012623\
 Data File : BM038535.D
 Acq On : 25 Jan 2023 19:13
 Operator : CG/JU
 Sample : SST0.122
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1036

Quant Time: Jan 26 00:01:21 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 : Wed Jan 25 23:59:31 2023
 Response via : Initial Calibration

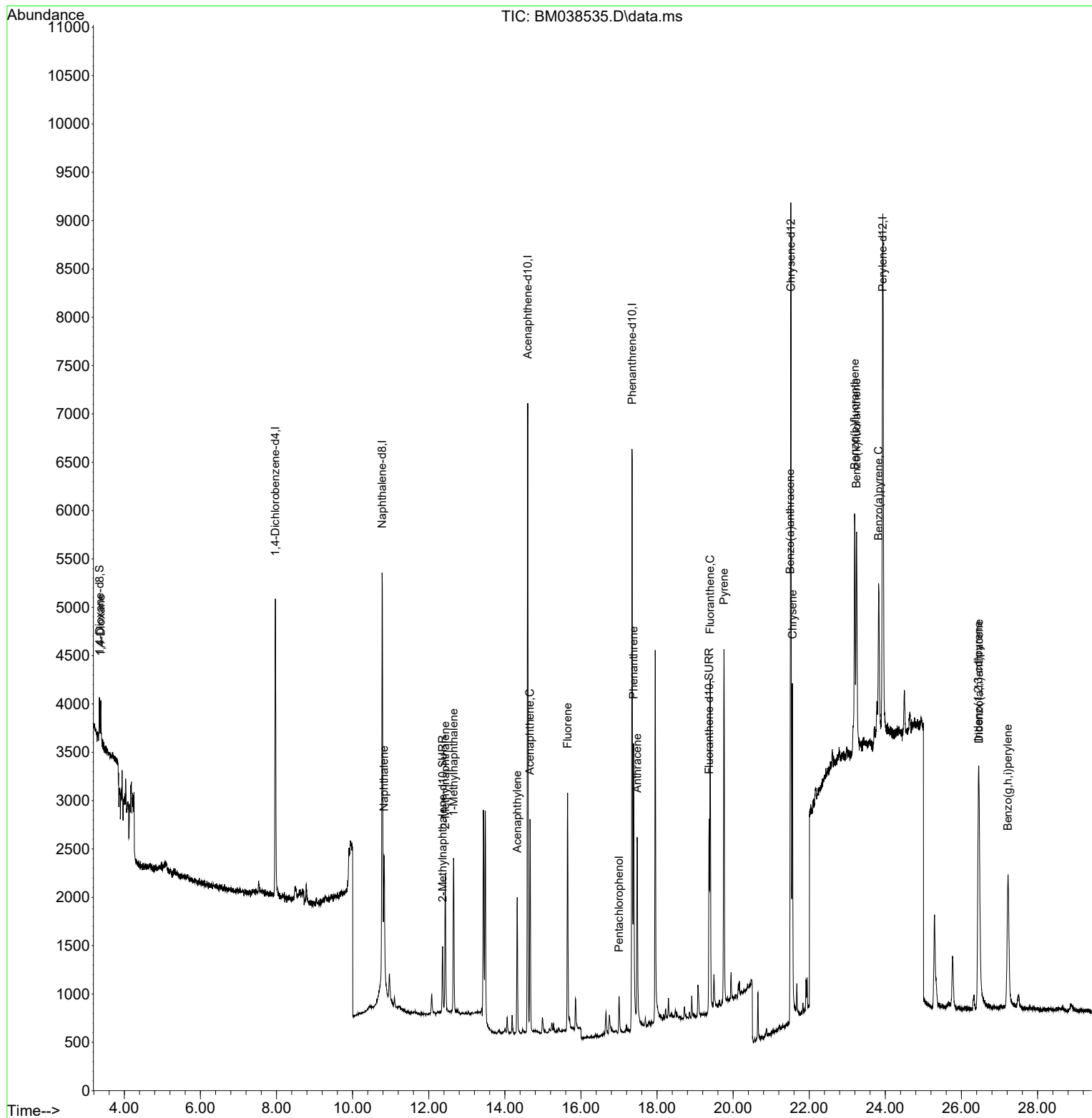
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	1681	0.400	ng/ul	0.00
4) Naphthalene-d8	10.775	136	5833	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.602	164	3577	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	8055	0.400	ng/ul	0.00
17) Chrysene-d12	21.517	240	7708	0.400	ng/ul	0.00
23) Perylene-d12	23.931	264	8075	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.347	96	305	0.122	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.364	152	915	0.105	ng/ul	0.00
18) Fluoranthene-d10	19.367	212	2408	0.110	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	305	0.119	ng/ul#	1
5) Naphthalene	10.825	128	4775	0.307	ng/ul	96
7) 2-Methylnaphthalene	12.436	142	1047	0.109	ng/ul	98
8) 1-Methylnaphthalene	12.656	142	1110	0.114	ng/ul	99
10) Acenaphthylene	14.324	152	1609	0.097	ng/ul#	92
11) Acenaphthene	14.662	153	1251	0.101	ng/ul	98
12) Fluorene	15.648	166	1731	0.124	ng/ul	99
14) Pentachlorophenol	17.000	266	301	0.105	ng/ul	97
15) Phenanthrene	17.384	178	3299	0.139	ng/ul#	93
16) Anthracene	17.477	178	2449	0.112	ng/ul#	93
19) Fluoranthene	19.395	202	3124	0.117	ng/ul#	91
20) Pyrene	19.758	202	3443	0.121	ng/ul#	92
21) Benzo(a)anthracene	21.502	228	3031	0.118	ng/ul	95
22) Chrysene	21.557	228	3000	0.111	ng/ul	94
24) Benzo(b)fluoranthene	23.194	252	3266	0.112	ng/ul#	67
25) Benzo(k)fluoranthene	23.241	252	3170	0.109	ng/ul#	69
26) Benzo(a)pyrene	23.826	252	2838	0.103	ng/ul#	60
27) Indeno(1,2,3-cd)pyrene	26.443	276	4087	0.101	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.463	278	3219	0.102	ng/ul#	70
29) Benzo(g,h,i)perylene	27.221	276	3536	0.098	ng/ul#	90

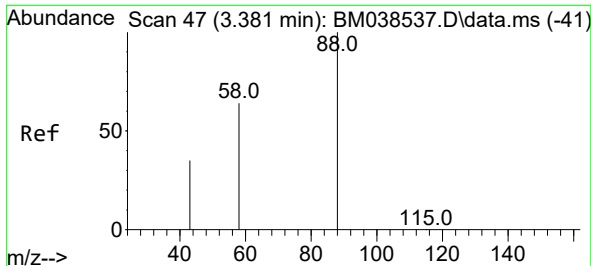
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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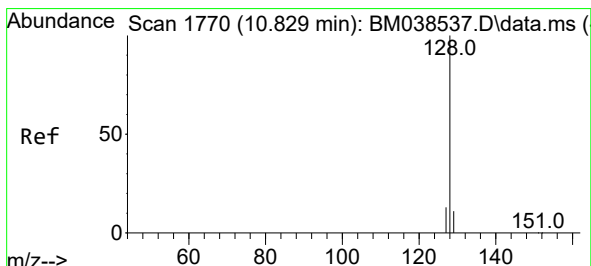
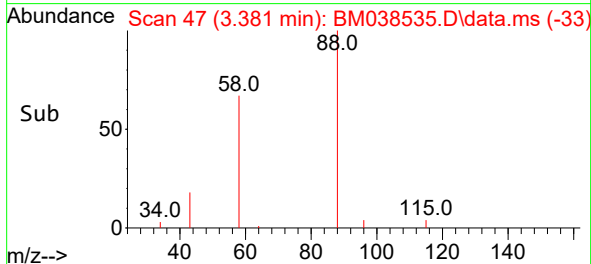
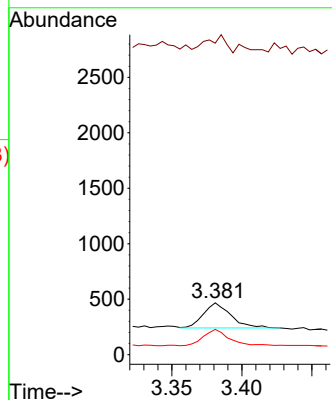
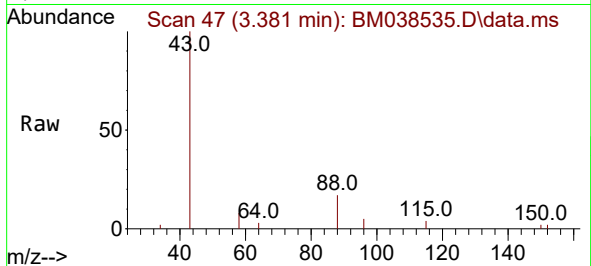




#2
1,4-Dioxane
Concen: 0.119 ng/ul
RT: 3.381 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038535.D
Acq: 25 Jan 2023 19:13

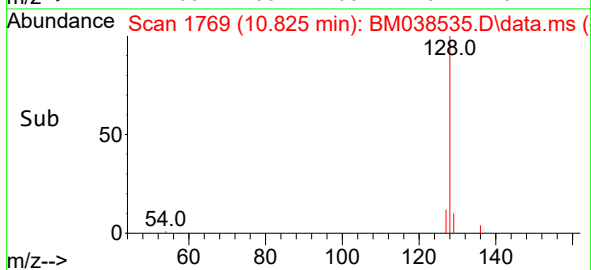
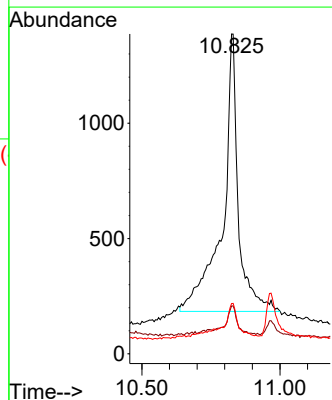
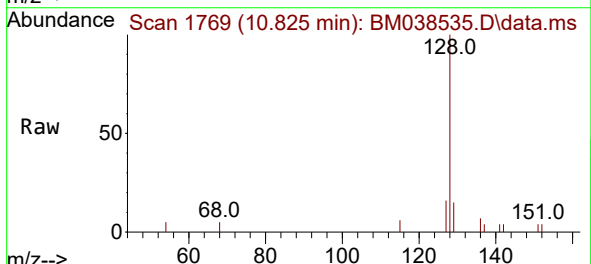
Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

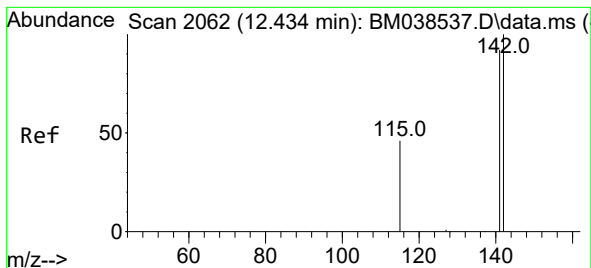
Tgt Ion: 88 Resp: 305
Ion Ratio Lower Upper
88 100
43 601.3 141.3 211.9#
58 48.8 45.7 68.5



#5
Naphthalene
Concen: 0.307 ng/ul
RT: 10.825 min Scan# 1769
Delta R.T. -0.004 min
Lab File: BM038535.D
Acq: 25 Jan 2023 19:13

Tgt Ion: 128 Resp: 4775
Ion Ratio Lower Upper
128 100
129 15.0 10.3 15.5
127 15.7 11.9 17.9

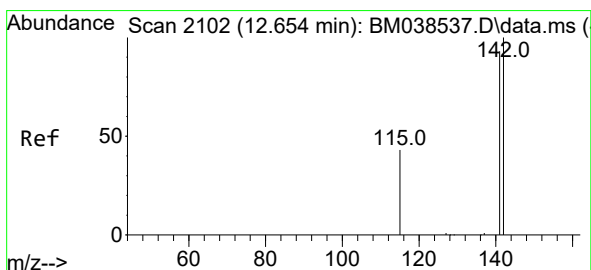
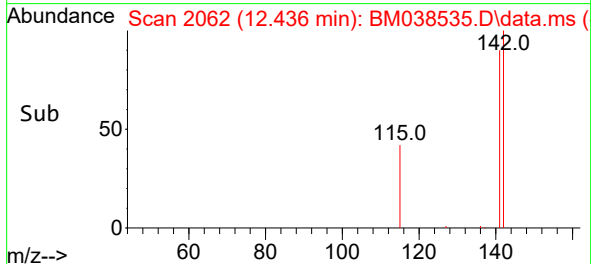
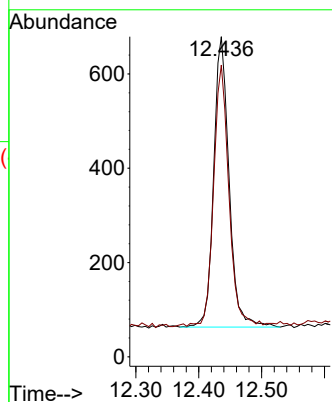
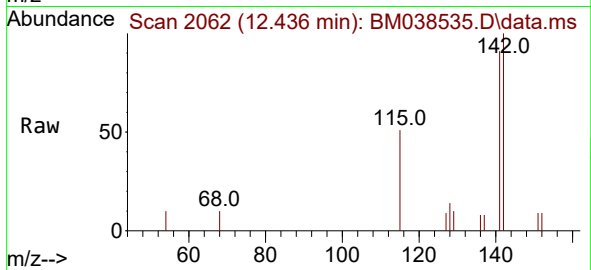




#7
2-Methylnaphthalene
Concen: 0.109 ng/ul
RT: 12.436 min Scan# 2062
Delta R.T. 0.002 min
Lab File: BM038535.D
Acq: 25 Jan 2023 19:13

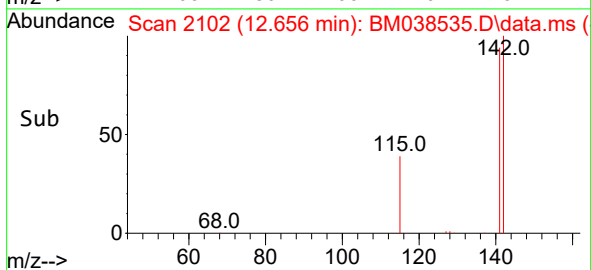
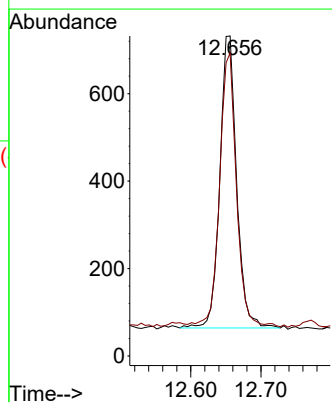
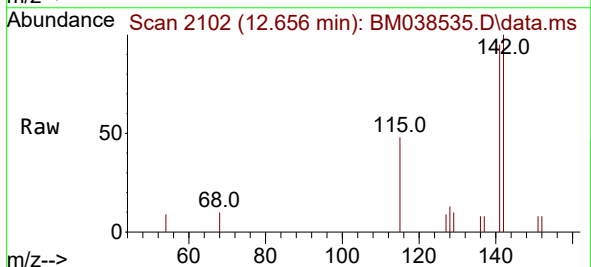
Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

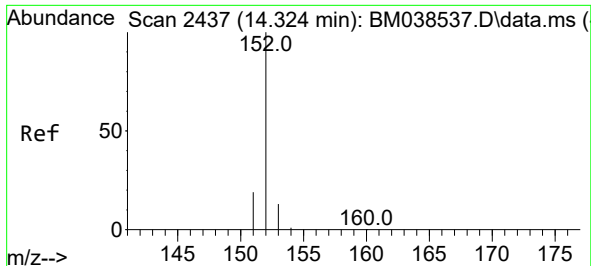
Tgt Ion:142 Resp: 1047
Ion Ratio Lower Upper
142 100
141 89.9 73.7 110.5



#8
1-Methylnaphthalene
Concen: 0.114 ng/ul
RT: 12.656 min Scan# 2102
Delta R.T. 0.002 min
Lab File: BM038535.D
Acq: 25 Jan 2023 19:13

Tgt Ion:142 Resp: 1110
Ion Ratio Lower Upper
142 100
141 93.7 74.0 111.0

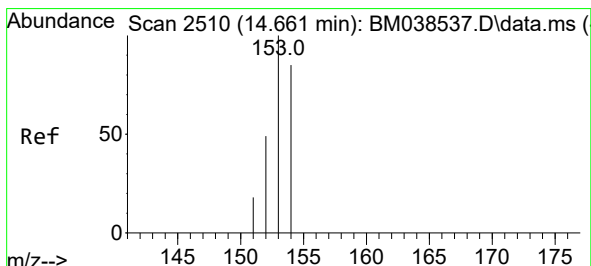
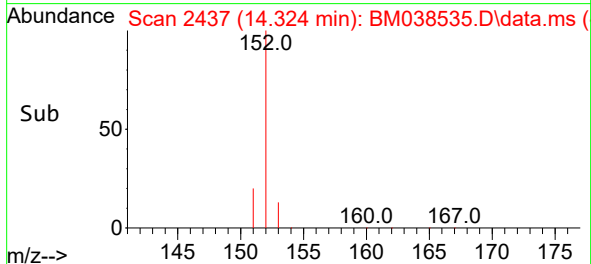
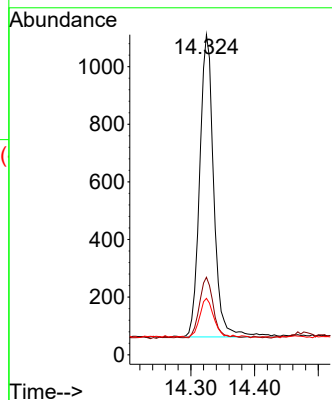
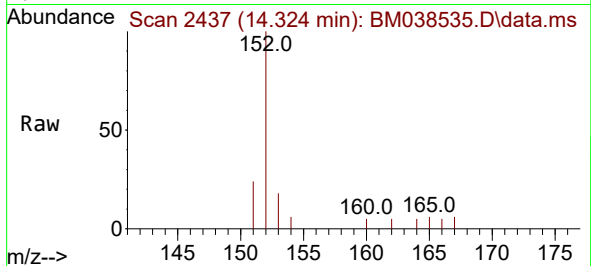




#10
Acenaphthylene
Concen: 0.097 ng/ul
RT: 14.324 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BM038535.D
Acq: 25 Jan 2023 19:13

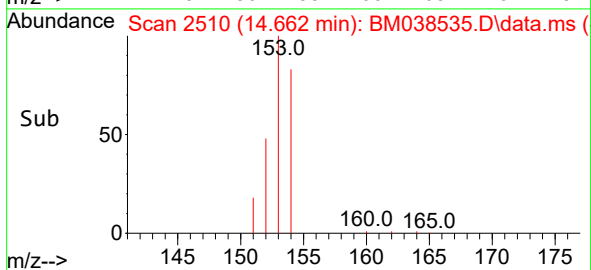
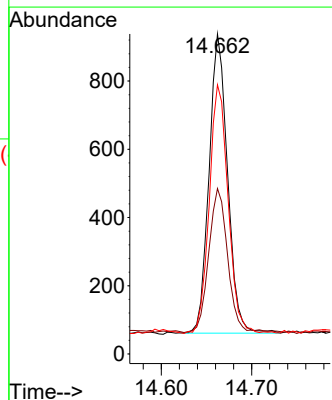
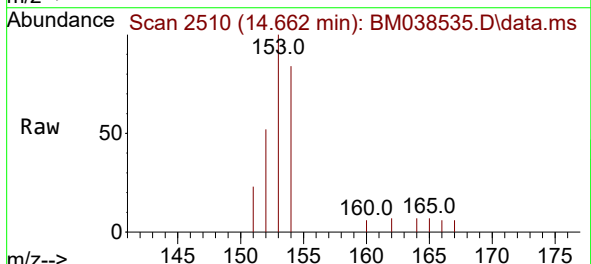
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BNA_M
ClientSampleId :
SSTD0.1036

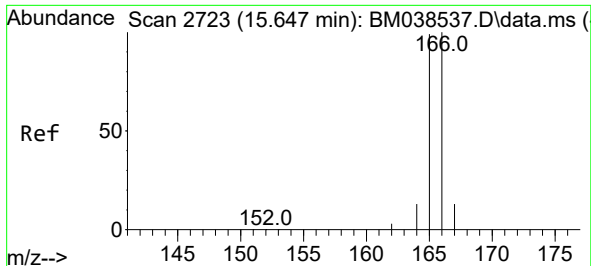
Tgt Ion:152 Resp: 1609
Ion Ratio Lower Upper
152 100
151 24.2 16.3 24.5
153 17.6 11.8 17.6#



#11
Acenaphthene
Concen: 0.101 ng/ul
RT: 14.662 min Scan# 2510
Delta R.T. 0.001 min
Lab File: BM038535.D
Acq: 25 Jan 2023 19:13

Tgt Ion:153 Resp: 1251
Ion Ratio Lower Upper
153 100
152 51.7 40.1 60.1
154 84.1 68.4 102.6

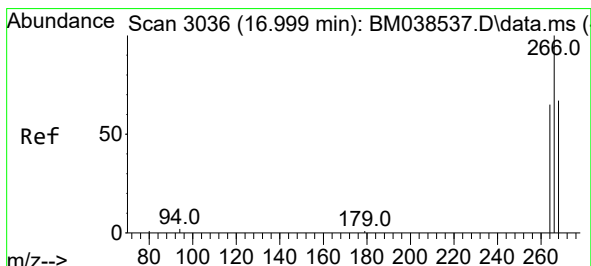
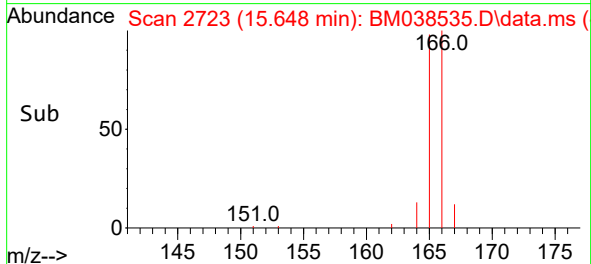
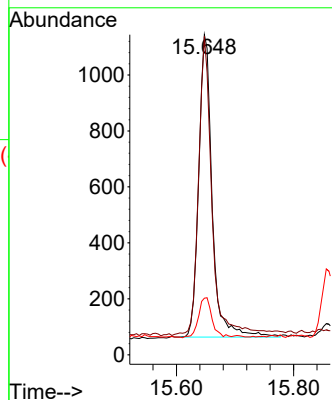
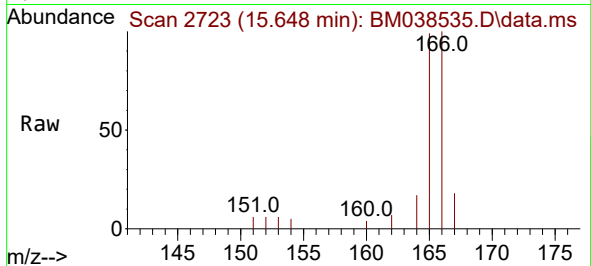




#12
Fluorene
Concen: 0.124 ng/ul
RT: 15.648 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM038535.D
Acq: 25 Jan 2023 19:13

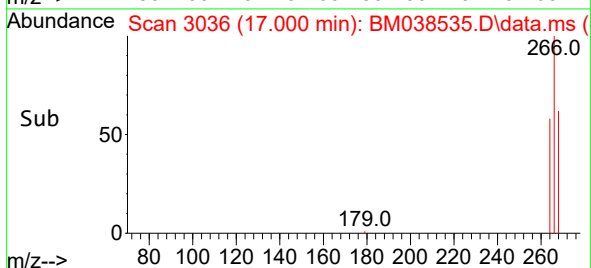
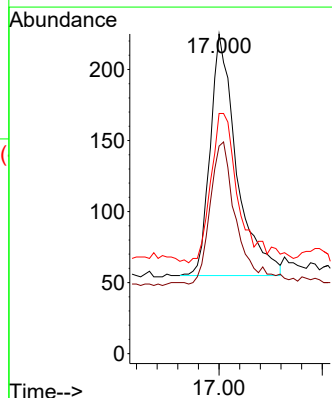
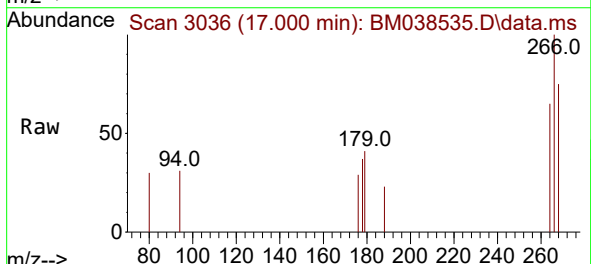
Instrument :
BNA_M
ClientSampleId :
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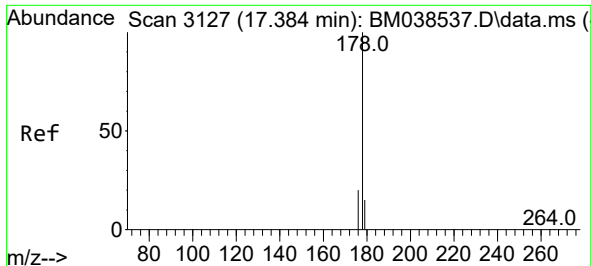
Tgt Ion:166 Resp: 1731
Ion Ratio Lower Upper
166 100
165 99.5 79.3 118.9
167 17.7 11.9 17.9



#14
Pentachlorophenol
Concen: 0.105 ng/ul
RT: 17.000 min Scan# 3036
Delta R.T. 0.001 min
Lab File: BM038535.D
Acq: 25 Jan 2023 19:13

Tgt Ion:266 Resp: 301
Ion Ratio Lower Upper
266 100
264 59.8 49.4 74.2
268 67.1 51.7 77.5

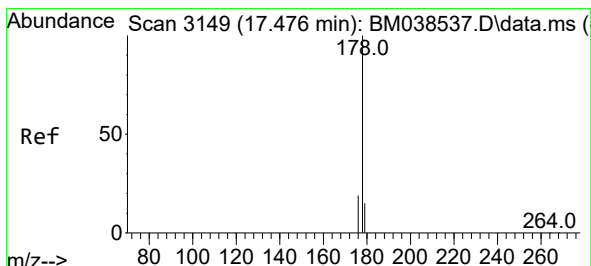
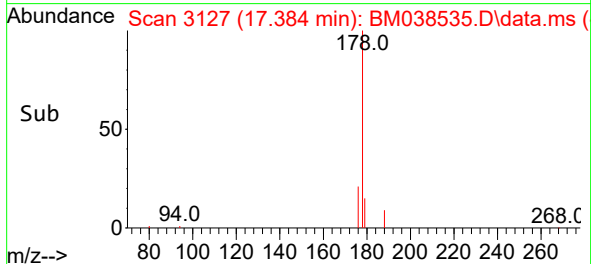
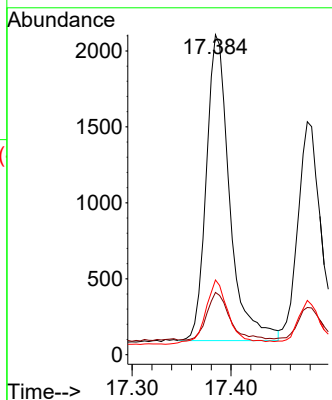
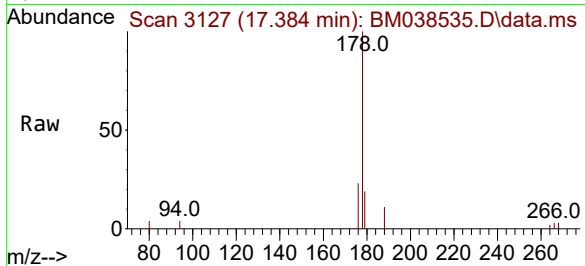




#15
Phenanthrene
Concen: 0.139 ng/ul
RT: 17.384 min Scan# 3127
Delta R.T. 0.001 min
Lab File: BM038535.D
Acq: 25 Jan 2023 19:13

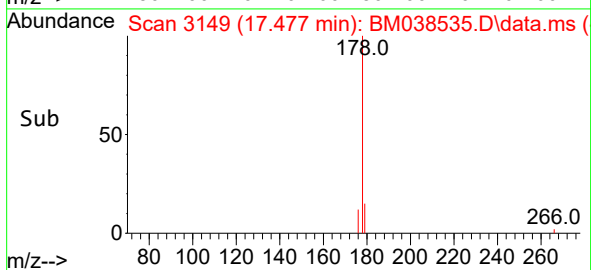
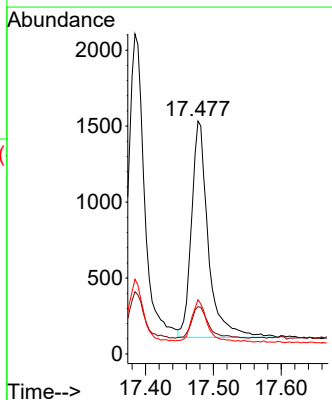
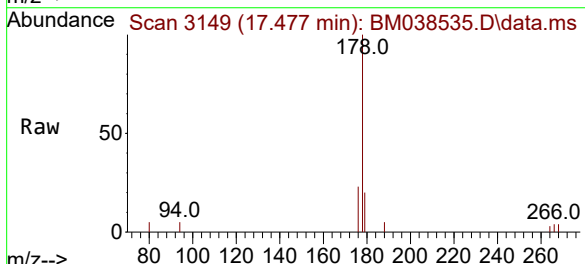
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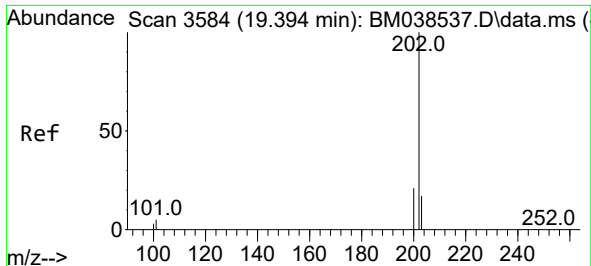
Tgt Ion:178 Resp: 3299
Ion Ratio Lower Upper
178 100
179 19.5 13.0 19.4#
176 23.4 16.4 24.6



#16
Anthracene
Concen: 0.112 ng/ul
RT: 17.477 min Scan# 3149
Delta R.T. 0.001 min
Lab File: BM038535.D
Acq: 25 Jan 2023 19:13

Tgt Ion:178 Resp: 2449
Ion Ratio Lower Upper
178 100
179 20.3 13.2 19.8#
176 23.3 16.2 24.4

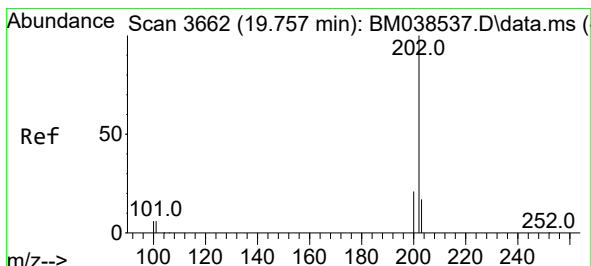
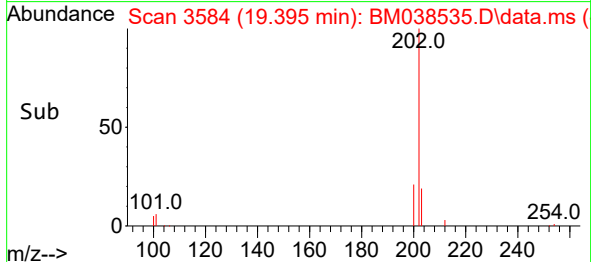
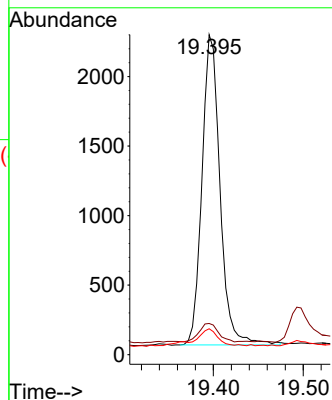
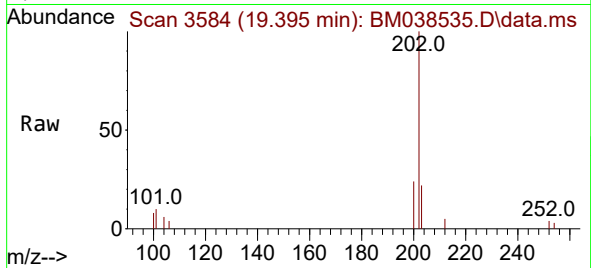




#19
Fluoranthene
Concen: 0.117 ng/ul
RT: 19.395 min Scan# 3584
Delta R.T. 0.001 min
Lab File: BM038535.D
Acq: 25 Jan 2023 19:13

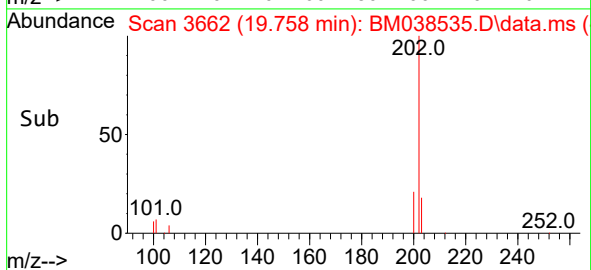
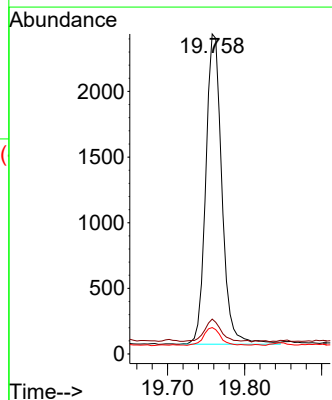
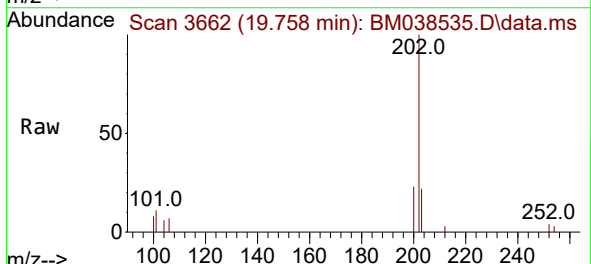
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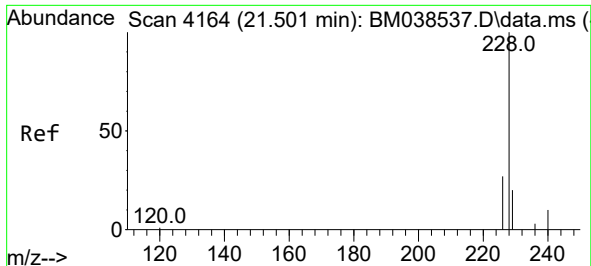
Tgt Ion:202 Resp: 3124
Ion Ratio Lower Upper
202 100
101 9.7 5.3 7.9#
100 8.1 4.2 6.2#



#20
Pyrene
Concen: 0.121 ng/ul
RT: 19.758 min Scan# 3662
Delta R.T. 0.001 min
Lab File: BM038535.D
Acq: 25 Jan 2023 19:13

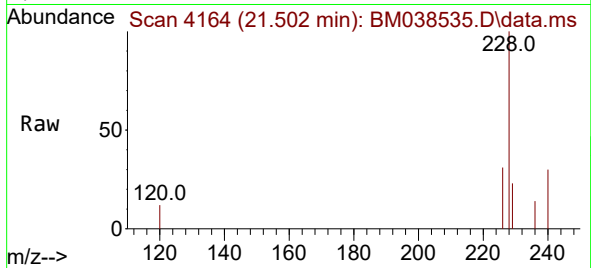
Tgt Ion:202 Resp: 3443
Ion Ratio Lower Upper
202 100
101 10.9 5.9 8.9#
100 8.2 5.2 7.8#



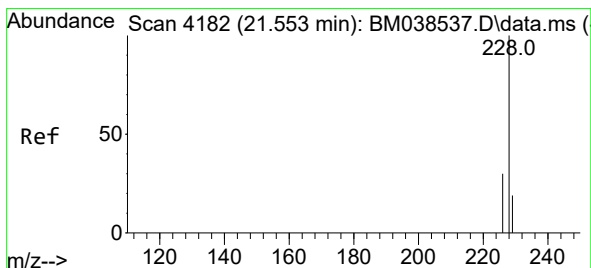
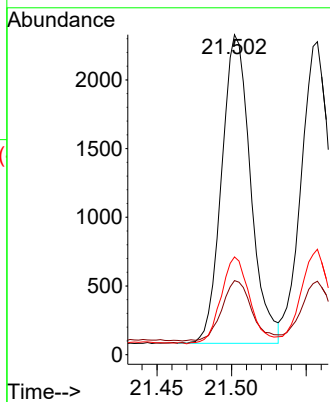
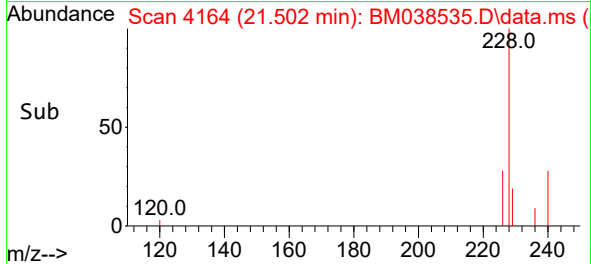


#21
Benzo(a)anthracene
Concen: 0.118 ng/ul
RT: 21.502 min Scan# 4164
Delta R.T. 0.001 min
Lab File: BM038535.D
Acq: 25 Jan 2023 19:13

Instrument :
BNA_M
ClientSampleId :
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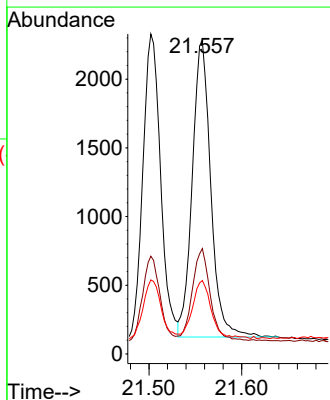
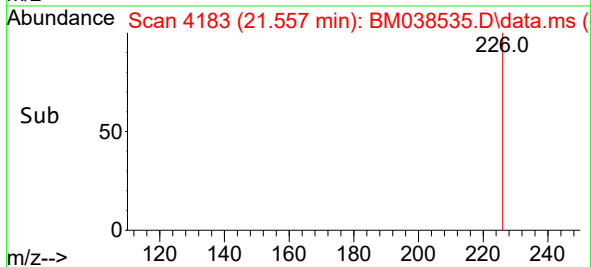
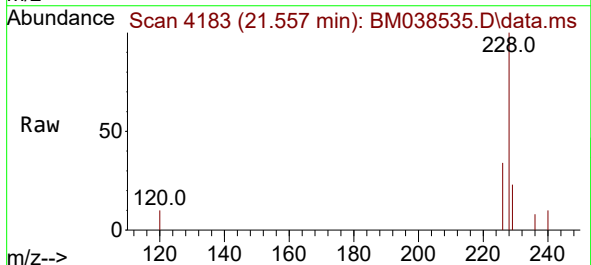


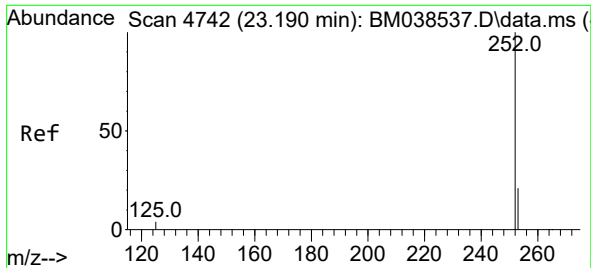
Tgt Ion:228 Resp: 3031
Ion Ratio Lower Upper
228 100
229 23.1 16.7 25.1
226 30.5 22.2 33.4



#22
Chrysene
Concen: 0.111 ng/ul
RT: 21.557 min Scan# 4183
Delta R.T. 0.004 min
Lab File: BM038535.D
Acq: 25 Jan 2023 19:13

Tgt Ion:228 Resp: 3000
Ion Ratio Lower Upper
228 100
226 33.7 24.6 36.8
229 23.5 16.2 24.4

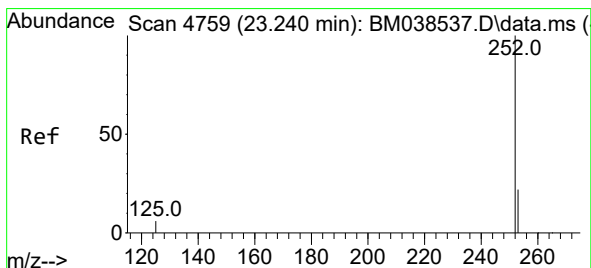
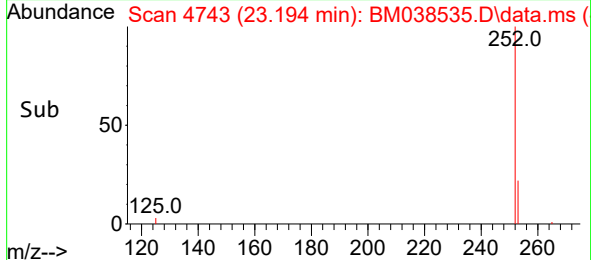
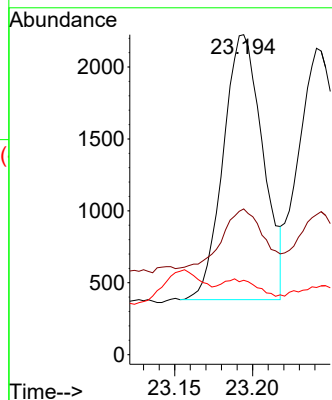
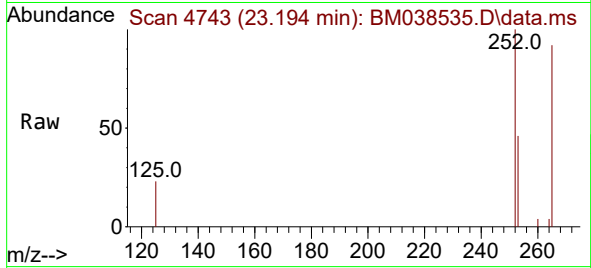




#24
Benzo(b)fluoranthene
Concen: 0.112 ng/ul
RT: 23.194 min Scan# 4742
Delta R.T. 0.004 min
Lab File: BM038535.D
Acq: 25 Jan 2023 19:13

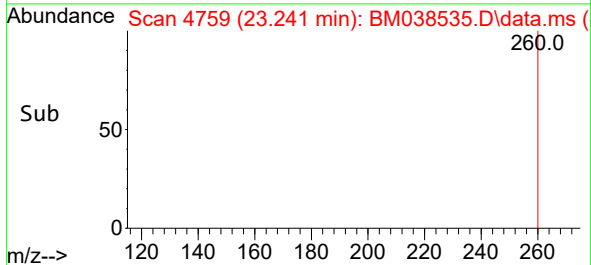
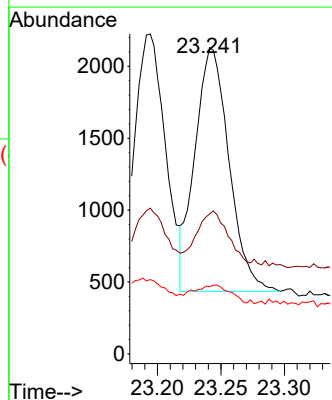
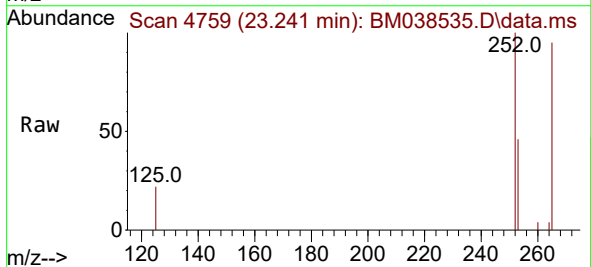
Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

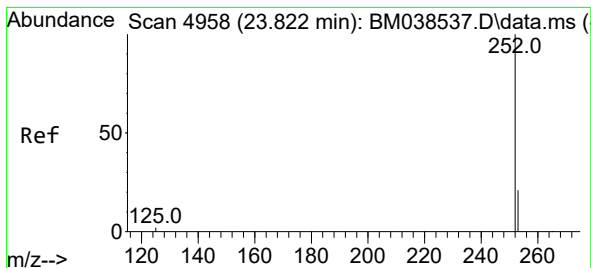
Tgt Ion:252 Resp: 3266
Ion Ratio Lower Upper
252 100
253 45.5 0.0 56.6
125 23.2 0.0 21.4#



#25
Benzo(k)fluoranthene
Concen: 0.109 ng/ul
RT: 23.241 min Scan# 4759
Delta R.T. 0.001 min
Lab File: BM038535.D
Acq: 25 Jan 2023 19:13

Tgt Ion:252 Resp: 3170
Ion Ratio Lower Upper
252 100
253 45.7 23.1 34.7#
125 21.9 8.4 12.6#





#26

Benzo(a)pyrene

Concen: 0.103 ng/ul

RT: 23.826 min Scan# 4958

Delta R.T. 0.004 min

Lab File: BM038535.D

Acq: 25 Jan 2023 19:13

Instrument :

BNA_M

ClientSampleId :

SSTD0.1036

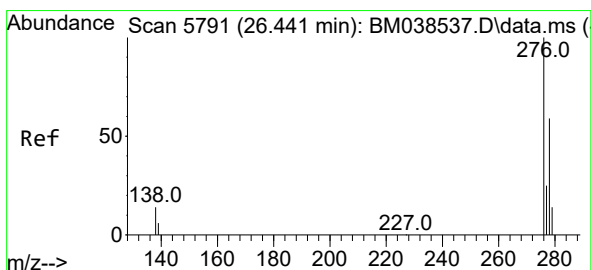
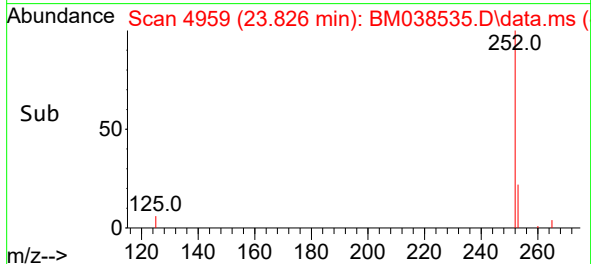
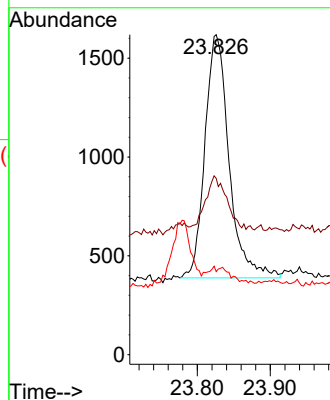
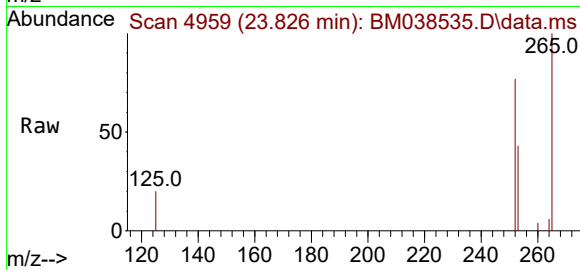
Tgt Ion:252 Resp: 2838

Ion Ratio Lower Upper

252 100

253 55.1 25.1 37.7#

125 25.9 10.0 15.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.101 ng/ul

RT: 26.443 min Scan# 5791

Delta R.T. 0.002 min

Lab File: BM038535.D

Acq: 25 Jan 2023 19:13

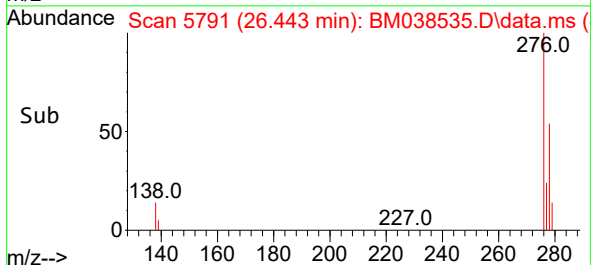
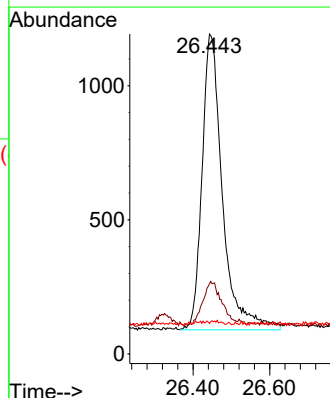
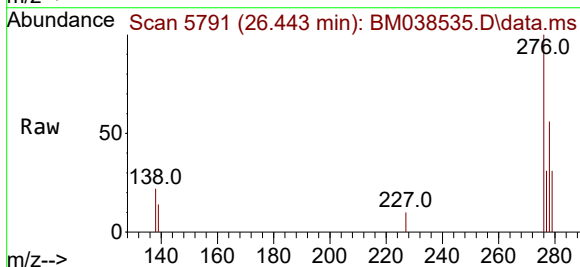
Tgt Ion:276 Resp: 4087

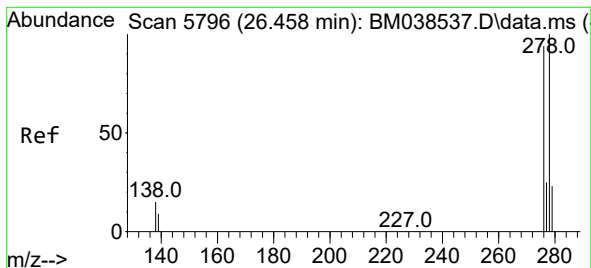
Ion Ratio Lower Upper

276 100

138 13.9 11.7 17.5

227 0.2 0.3 0.5#





#28

Dibenzo(a,h)anthracene

Concen: 0.102 ng/ul

RT: 26.463 min Scan# 5

Delta R.T. 0.005 min

Lab File: BM038535.D

Acq: 25 Jan 2023 19:13

Instrument :

BNA_M

ClientSampleId :

SSTD0.1036

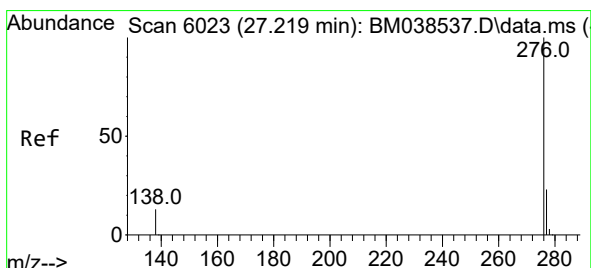
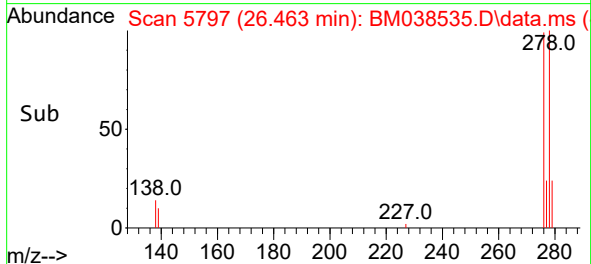
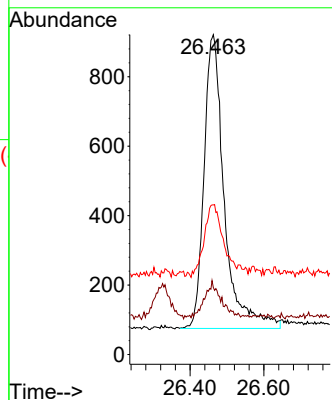
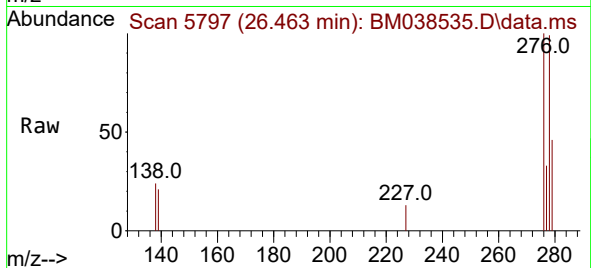
Tgt Ion:278 Resp: 3219

Ion Ratio Lower Upper

278 100

139 21.0 9.8 14.8#

279 46.8 23.3 34.9#



#29

Benzo(g,h,i)perylene

Concen: 0.098 ng/ul

RT: 27.221 min Scan# 6023

Delta R.T. 0.002 min

Lab File: BM038535.D

Acq: 25 Jan 2023 19:13

Tgt Ion:276 Resp: 3536

Ion Ratio Lower Upper

276 100

138 20.5 12.6 19.0#

277 30.4 20.5 30.7

