

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012623\
 Data File : BM038539.D
 Acq On : 25 Jan 2023 21:42
 Operator : CG/JU
 Sample : SSTD1.626
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6040

Quant Time: Jan 26 00:02:08 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

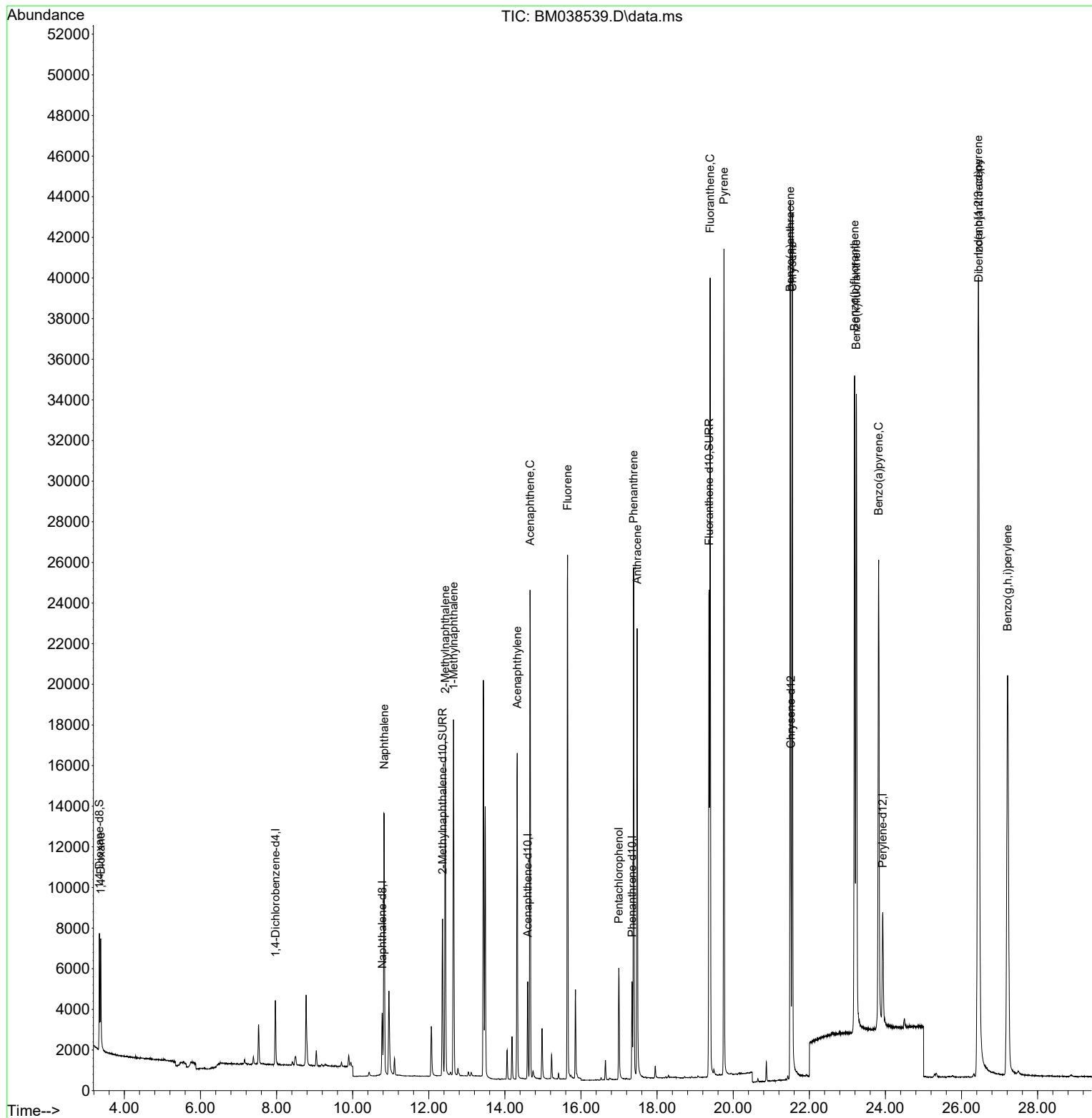
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	1708	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	4165	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	2527	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	5848	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	6847	0.400	ng/ul	0.00
23) Perylene-d12	23.930	264	7713	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	3495	1.373	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	10101	1.616	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	27986	1.442	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	3595	1.377	ng/ul#	35
5) Naphthalene	10.828	128	17690	1.591	ng/ul	96
7) 2-Methylnaphthalene	12.434	142	11164	1.632	ng/ul	98
8) 1-Methylnaphthalene	12.654	142	11308	1.625	ng/ul	99
10) Acenaphthylene	14.324	152	17647	1.500	ng/ul	98
11) Acenaphthene	14.661	153	13313	1.525	ng/ul	100
12) Fluorene	15.647	166	15932	1.610	ng/ul	99
14) Pentachlorophenol	16.995	266	3806	1.826	ng/ul	99
15) Phenanthrene	17.383	178	25814	1.495	ng/ul	99
16) Anthracene	17.476	178	24589	1.547	ng/ul	98
19) Fluoranthene	19.394	202	34397	1.452	ng/ul	98
20) Pyrene	19.757	202	36225	1.431	ng/ul	98
21) Benzo(a)anthracene	21.498	228	36362	1.595	ng/ul	98
22) Chrysene	21.553	228	36646	1.525	ng/ul	99
24) Benzo(b)fluoranthene	23.190	252	43707	1.565	ng/ul	91
25) Benzo(k)fluoranthene	23.237	252	42607	1.531	ng/ul#	89
26) Benzo(a)pyrene	23.822	252	39689	1.503	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.438	276	56436	1.461	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.451	278	45203	1.494	ng/ul	93
29) Benzo(g,h,i)perylene	27.212	276	48644	1.417	ng/ul	96

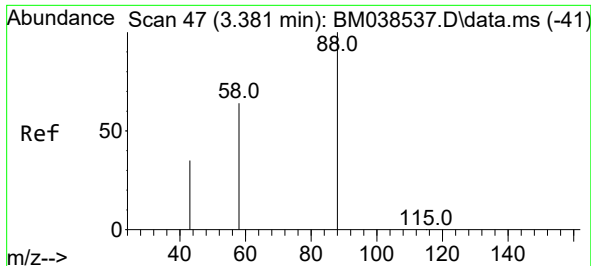
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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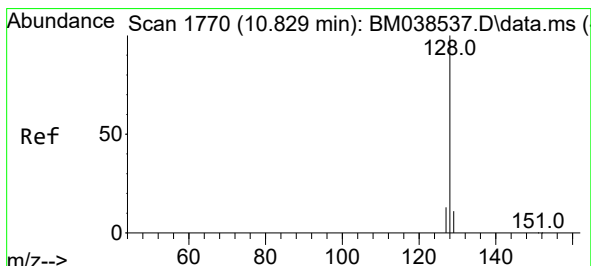
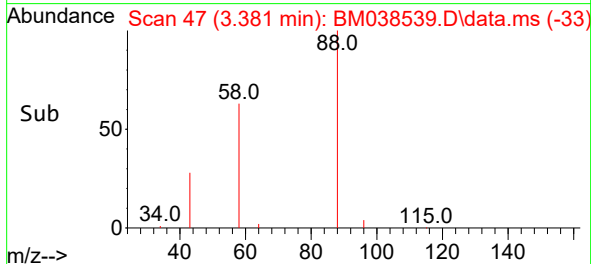
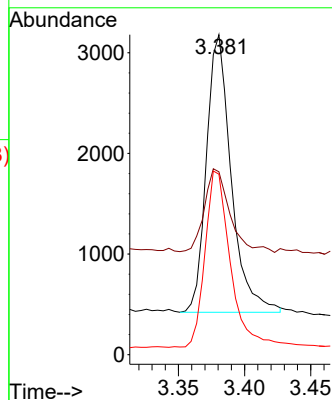
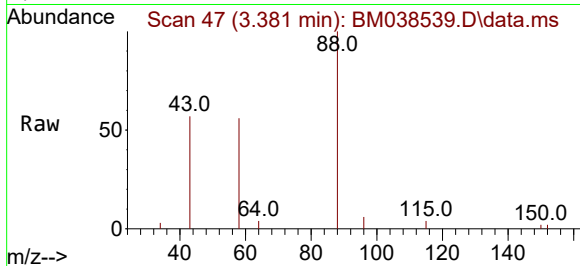




#2
1,4-Dioxane
Concen: 1.377 ng/ul
RT: 3.381 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM038539.D
Acq: 25 Jan 2023 21:42

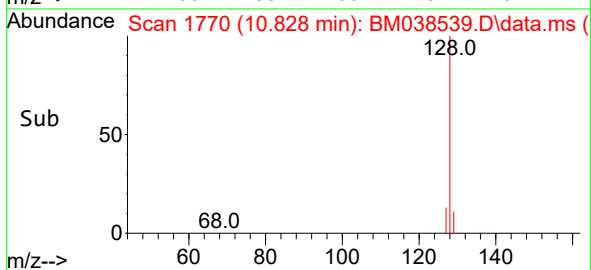
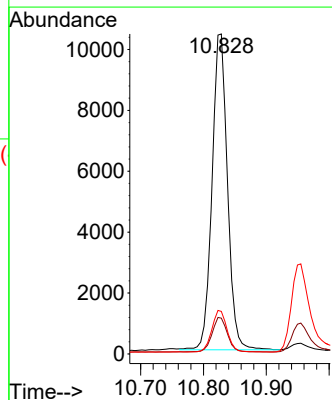
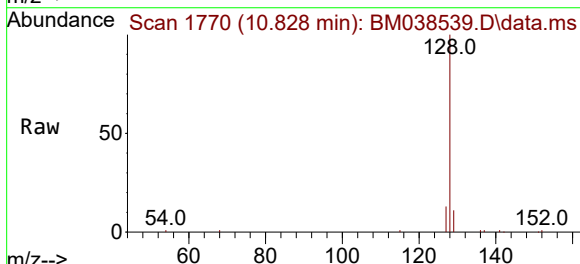
Instrument :
BNA_M
ClientSampleId :
SSTD1.6040

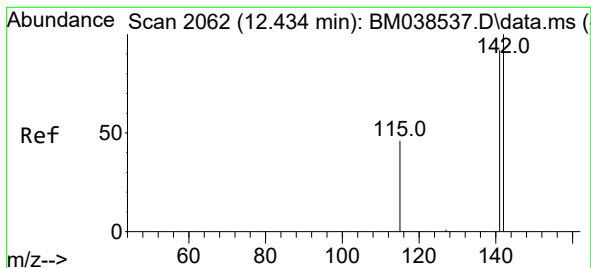
Tgt Ion: 88 Resp: 3595
Ion Ratio Lower Upper
88 100
43 57.1 141.3 211.9#
58 56.4 45.7 68.5



#5
Naphthalene
Concen: 1.591 ng/ul
RT: 10.828 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BM038539.D
Acq: 25 Jan 2023 21:42

Tgt Ion: 128 Resp: 17690
Ion Ratio Lower Upper
128 100
129 11.2 10.3 15.5
127 13.3 11.9 17.9

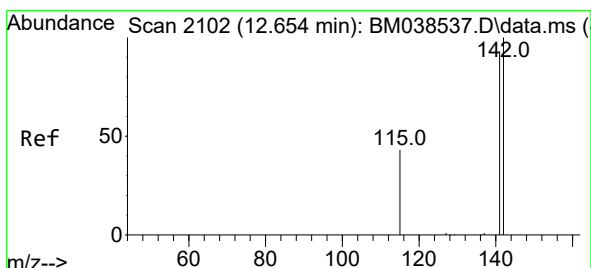
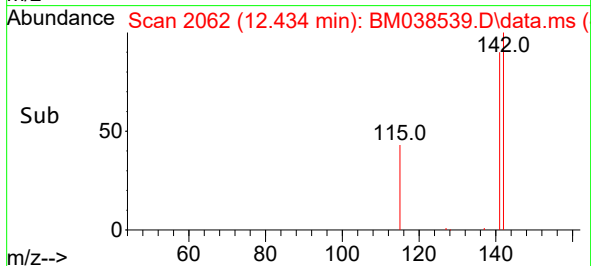
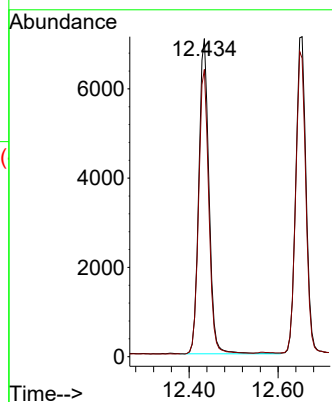
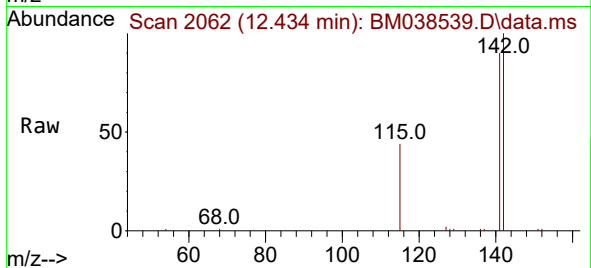




#7
2-Methylnaphthalene
Concen: 1.632 ng/ul
RT: 12.434 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BM038539.D
Acq: 25 Jan 2023 21:42

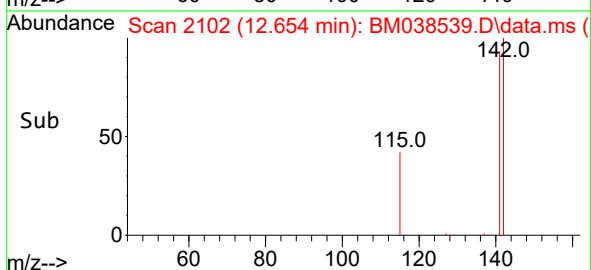
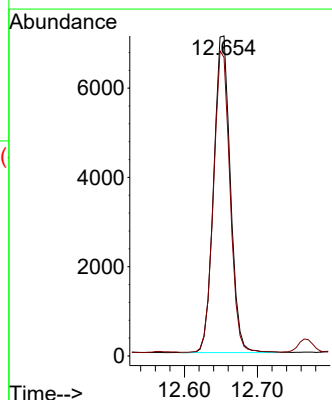
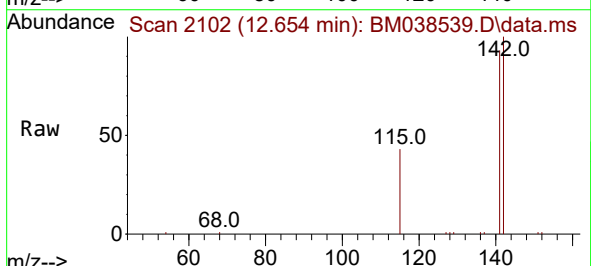
Instrument :
BNA_M
ClientSampleId :
SSTD1.6040

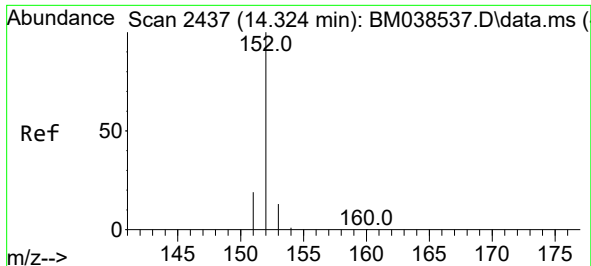
Tgt Ion:142 Resp: 11164
Ion Ratio Lower Upper
142 100
141 90.2 73.7 110.5



#8
1-Methylnaphthalene
Concen: 1.625 ng/ul
RT: 12.654 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BM038539.D
Acq: 25 Jan 2023 21:42

Tgt Ion:142 Resp: 11308
Ion Ratio Lower Upper
142 100
141 93.8 74.0 111.0

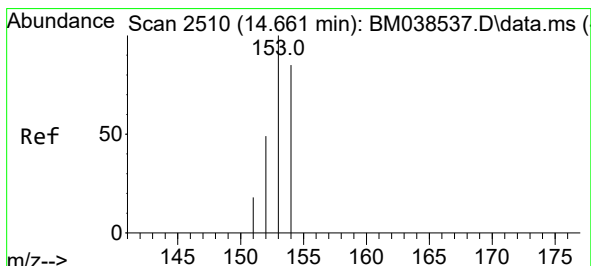
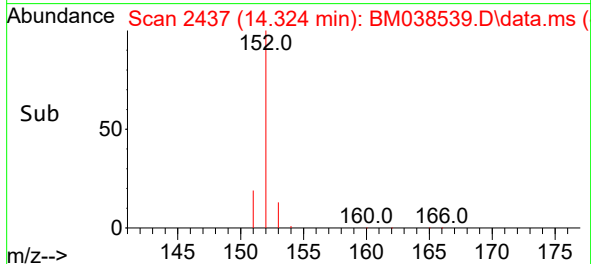
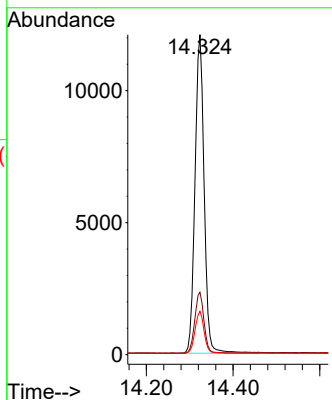
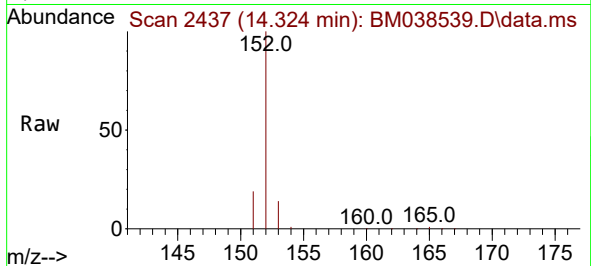




#10
Acenaphthylene
Concen: 1.500 ng/ul
RT: 14.324 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BM038539.D
Acq: 25 Jan 2023 21:42

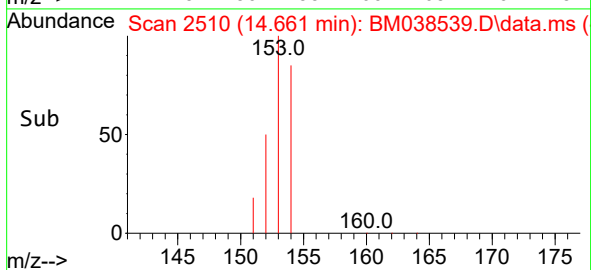
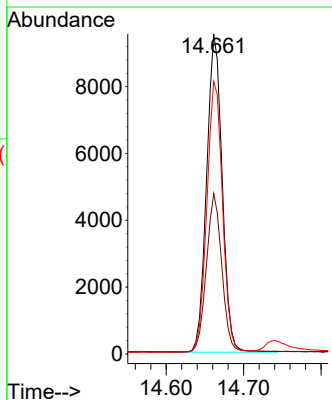
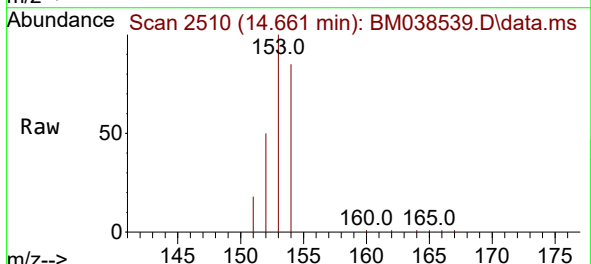
Instrument :
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ClientSampleId :
SSTD1.6040

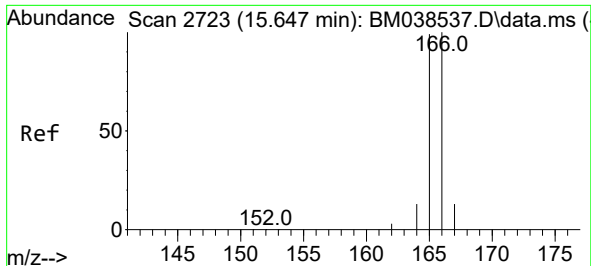
Tgt Ion:152 Resp: 17647
Ion Ratio Lower Upper
152 100
151 19.5 16.3 24.5
153 13.6 11.8 17.6



#11
Acenaphthene
Concen: 1.525 ng/ul
RT: 14.661 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BM038539.D
Acq: 25 Jan 2023 21:42

Tgt Ion:153 Resp: 13313
Ion Ratio Lower Upper
153 100
152 50.2 40.1 60.1
154 85.2 68.4 102.6

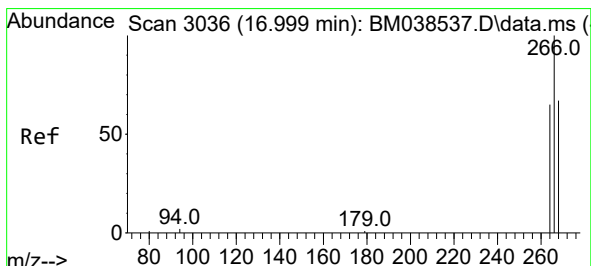
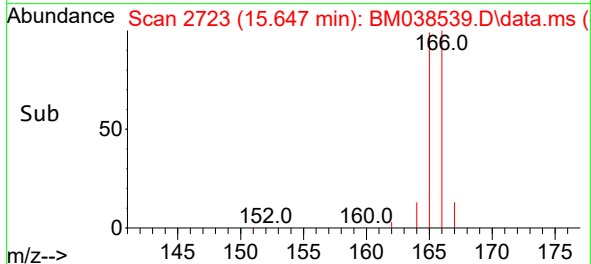
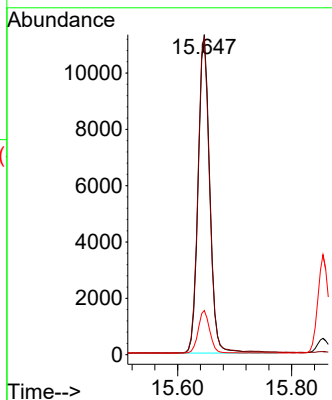
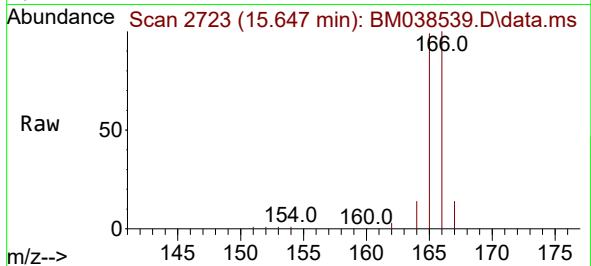




#12
Fluorene
Concen: 1.610 ng/ul
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038539.D
Acq: 25 Jan 2023 21:42

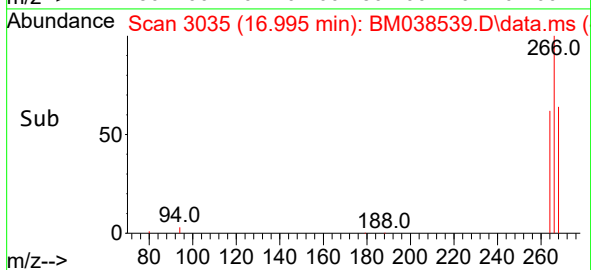
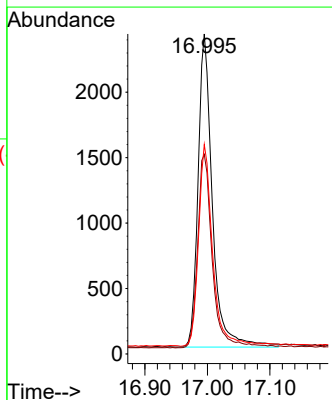
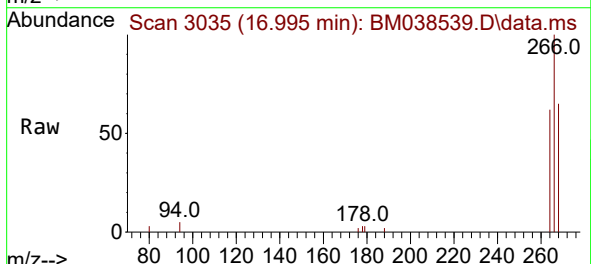
Instrument :
BNA_M
ClientSampleId :
SSTD1.6040

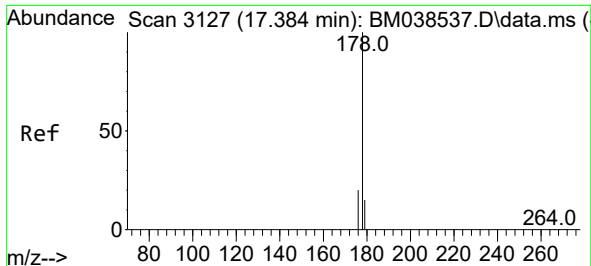
Tgt Ion:166 Resp: 15932
Ion Ratio Lower Upper
166 100
165 98.8 79.3 118.9
167 13.8 11.9 17.9



#14
Pentachlorophenol
Concen: 1.826 ng/ul
RT: 16.995 min Scan# 3035
Delta R.T. -0.004 min
Lab File: BM038539.D
Acq: 25 Jan 2023 21:42

Tgt Ion:266 Resp: 3806
Ion Ratio Lower Upper
266 100
264 63.6 49.4 74.2
268 64.5 51.7 77.5

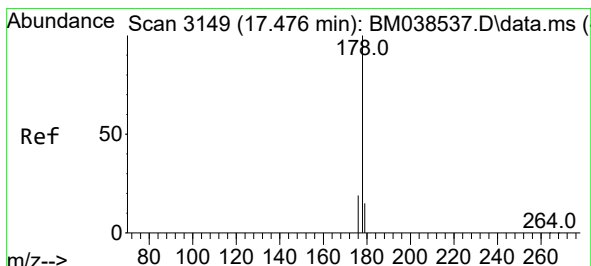
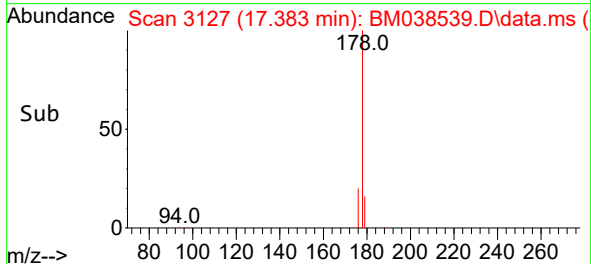
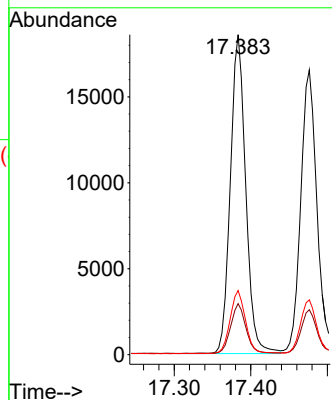
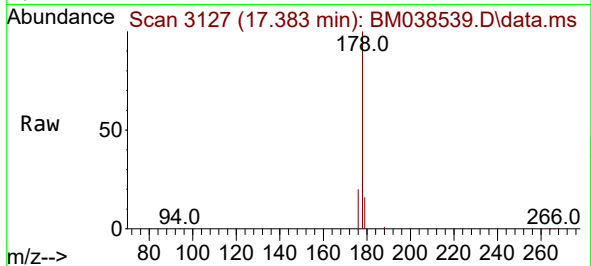




#15
Phenanthrene
Concen: 1.495 ng/ul
RT: 17.383 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM038539.D
Acq: 25 Jan 2023 21:42

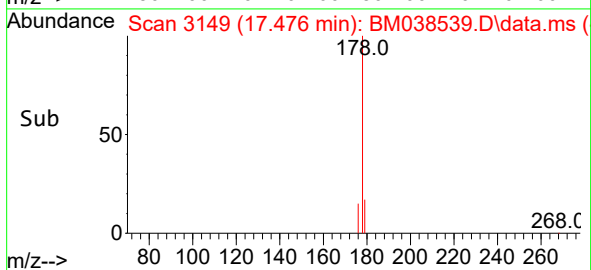
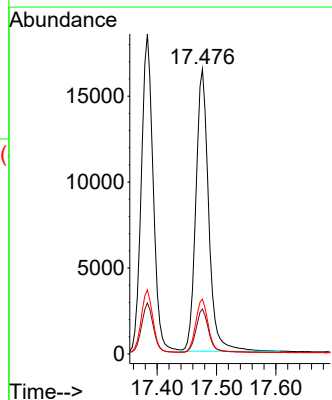
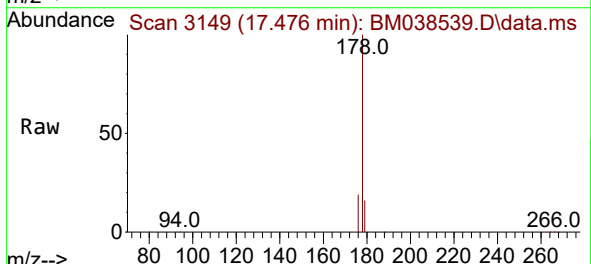
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BNA_M
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SSTD1.6040

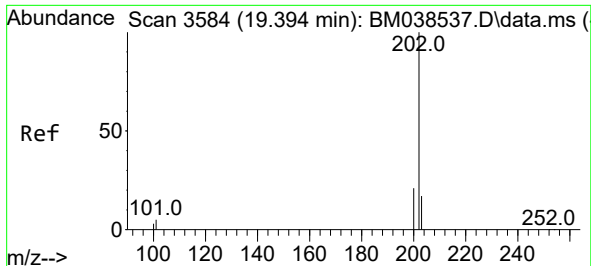
Tgt Ion:178 Resp: 25814
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.4
176 20.1 16.4 24.6



#16
Anthracene
Concen: 1.547 ng/ul
RT: 17.476 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BM038539.D
Acq: 25 Jan 2023 21:42

Tgt Ion:178 Resp: 24589
Ion Ratio Lower Upper
178 100
179 15.8 13.2 19.8
176 19.3 16.2 24.4

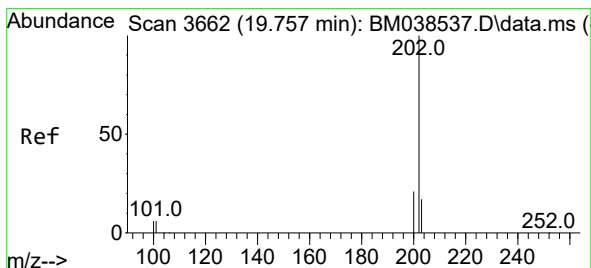
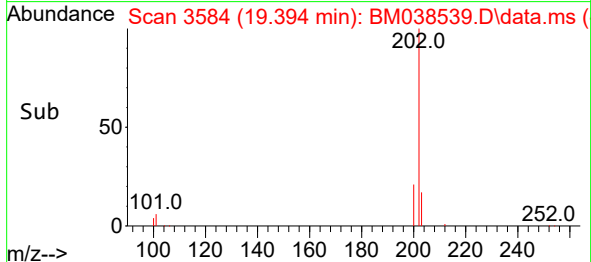
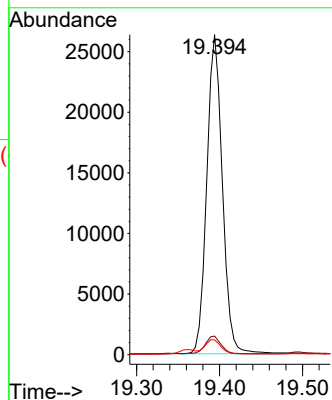
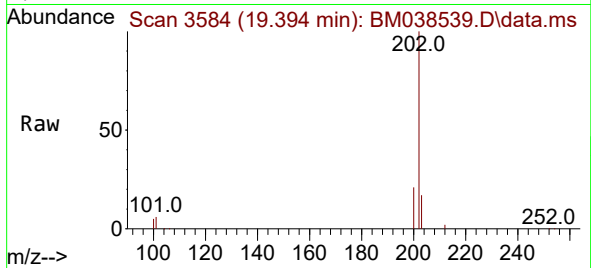




#19
Fluoranthene
Concen: 1.452 ng/ul
RT: 19.394 min Scan# 3584
Delta R.T. -0.000 min
Lab File: BM038539.D
Acq: 25 Jan 2023 21:42

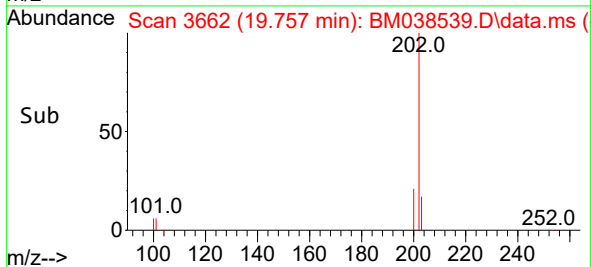
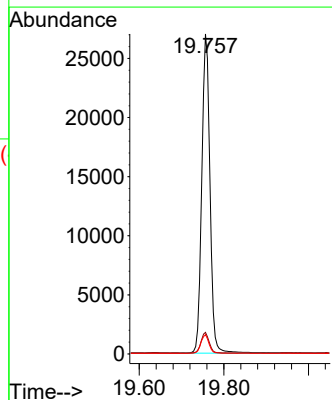
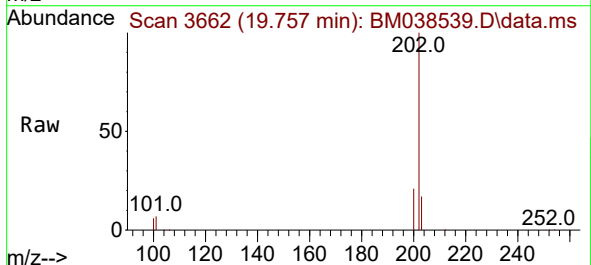
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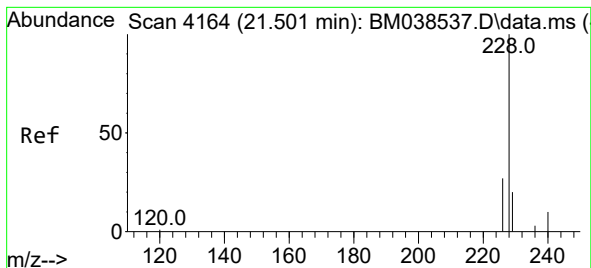
Tgt Ion:202 Resp: 34397
Ion Ratio Lower Upper
202 100
101 5.8 5.3 7.9
100 4.6 4.2 6.2



#20
Pyrene
Concen: 1.431 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. -0.000 min
Lab File: BM038539.D
Acq: 25 Jan 2023 21:42

Tgt Ion:202 Resp: 36225
Ion Ratio Lower Upper
202 100
101 6.7 5.9 8.9
100 6.0 5.2 7.8





#21

Benzo(a)anthracene

Concen: 1.595 ng/ul

RT: 21.498 min Scan# 4163

Delta R.T. -0.003 min

Lab File: BM038539.D

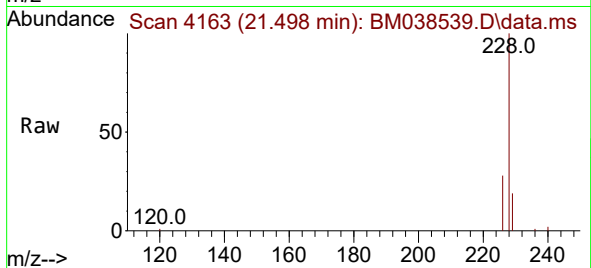
Acq: 25 Jan 2023 21:42

Instrument :

BNA_M

ClientSampleId :

SSTD1.6040



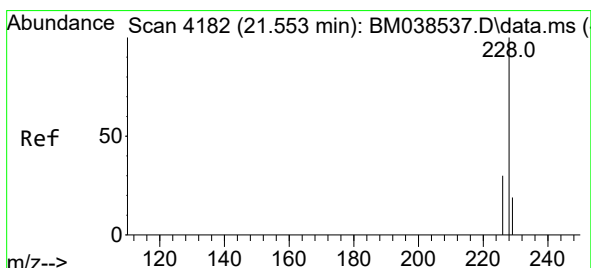
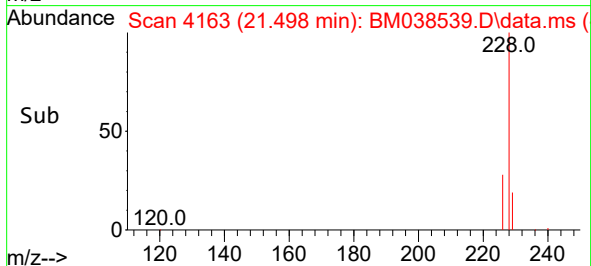
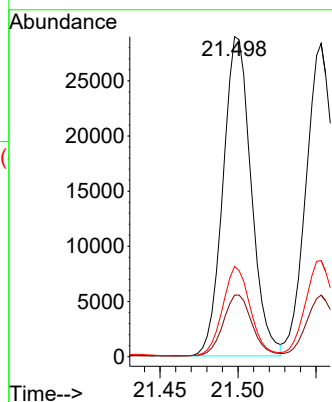
Tgt Ion:228 Resp: 36362

Ion Ratio Lower Upper

228 100

229 19.3 16.7 25.1

226 28.2 22.2 33.4



#22

Chrysene

Concen: 1.525 ng/ul

RT: 21.553 min Scan# 4182

Delta R.T. -0.000 min

Lab File: BM038539.D

Acq: 25 Jan 2023 21:42

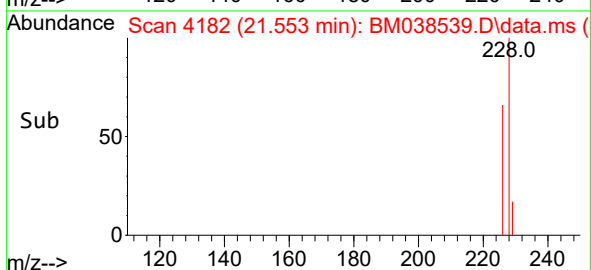
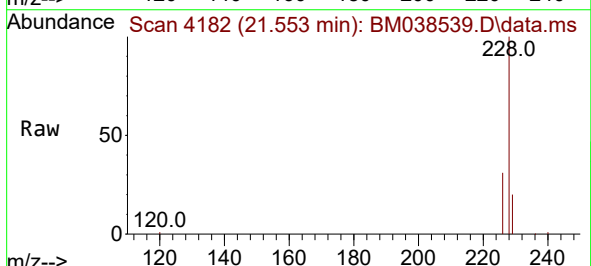
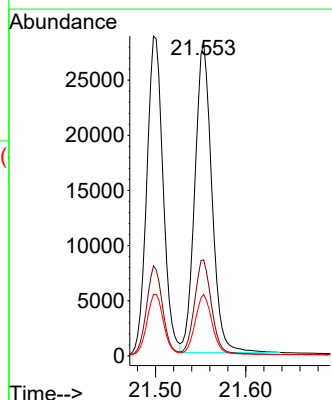
Tgt Ion:228 Resp: 36646

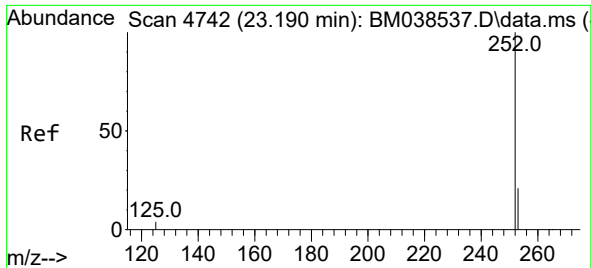
Ion Ratio Lower Upper

228 100

226 30.7 24.6 36.8

229 19.6 16.2 24.4

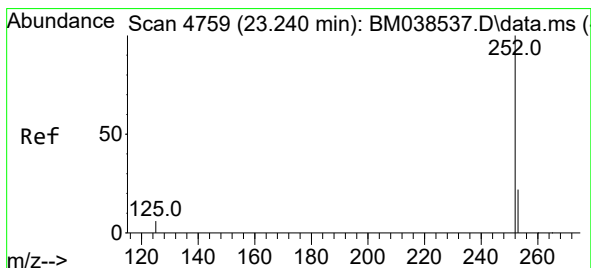
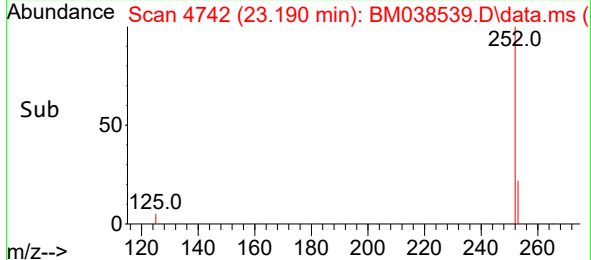
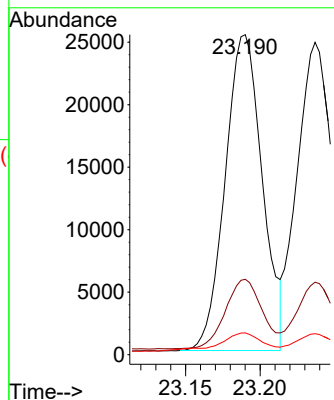
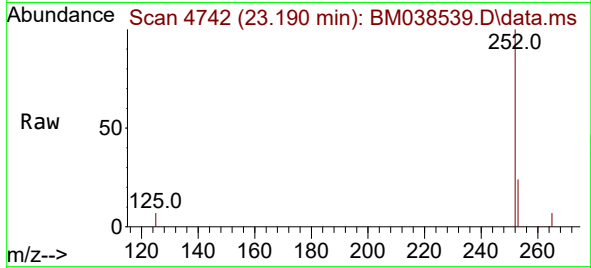




#24
Benzo(b)fluoranthene
Concen: 1.565 ng/ul
RT: 23.190 min Scan# 4742
Delta R.T. -0.000 min
Lab File: BM038539.D
Acq: 25 Jan 2023 21:42

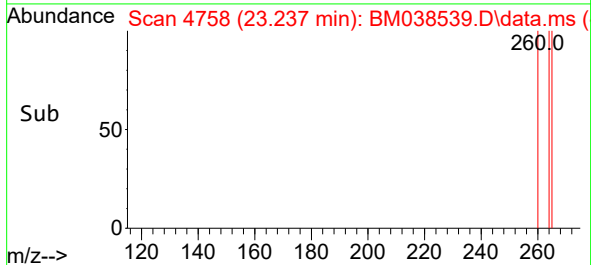
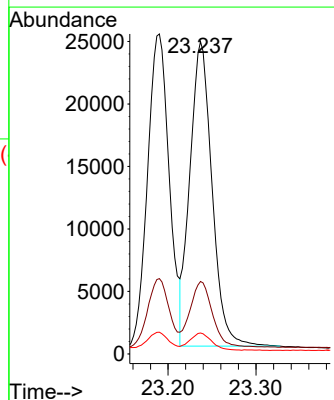
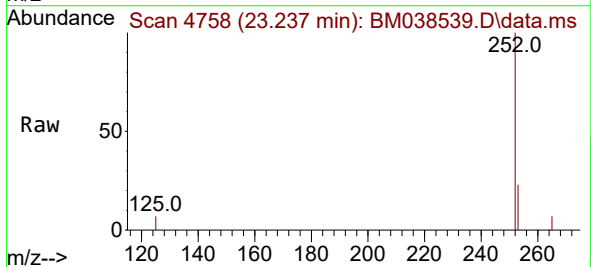
Instrument :
BNA_M
ClientSampleId :
SSTD1.6040

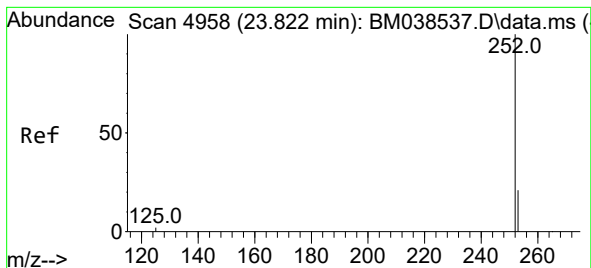
Tgt Ion:252 Resp: 43707
Ion Ratio Lower Upper
252 100
253 23.5 0.0 56.6
125 6.8 0.0 21.4



#25
Benzo(k)fluoranthene
Concen: 1.531 ng/ul
RT: 23.237 min Scan# 4758
Delta R.T. -0.003 min
Lab File: BM038539.D
Acq: 25 Jan 2023 21:42

Tgt Ion:252 Resp: 42607
Ion Ratio Lower Upper
252 100
253 23.2 23.1 34.7
125 6.7 8.4 12.6#





#26

Benzo(a)pyrene

Concen: 1.503 ng/ul

RT: 23.822 min Scan# 4958

Delta R.T. -0.000 min

Lab File: BM038539.D

Acq: 25 Jan 2023 21:42

Instrument :

BNA_M

ClientSampleId :

SSTD1.6040

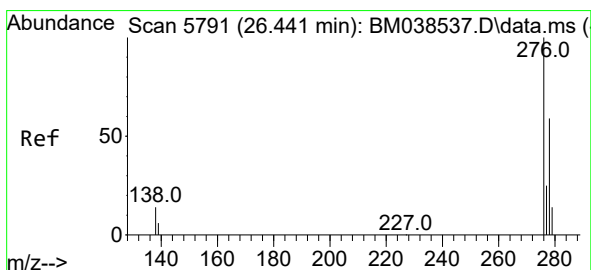
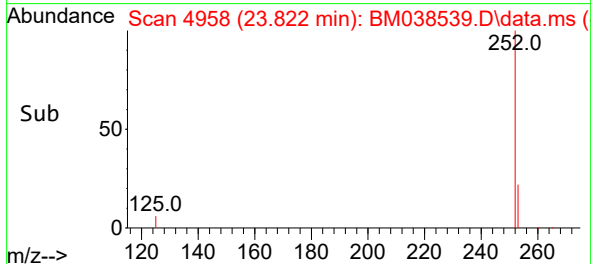
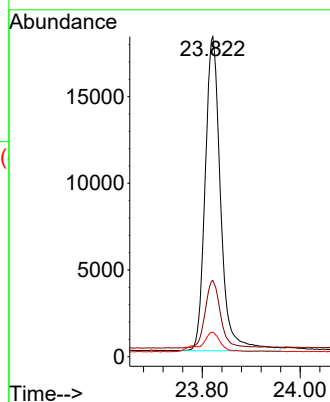
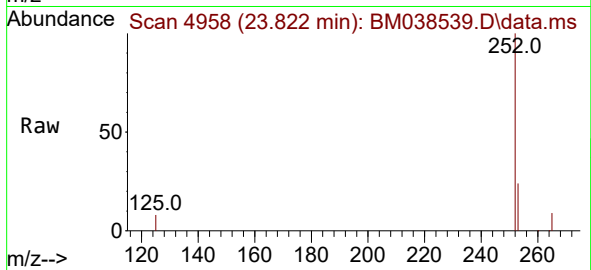
Tgt Ion:252 Resp: 39689

Ion Ratio Lower Upper

252 100

253 23.8 25.1 37.7#

125 7.5 10.0 15.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.461 ng/ul

RT: 26.438 min Scan# 5790

Delta R.T. -0.004 min

Lab File: BM038539.D

Acq: 25 Jan 2023 21:42

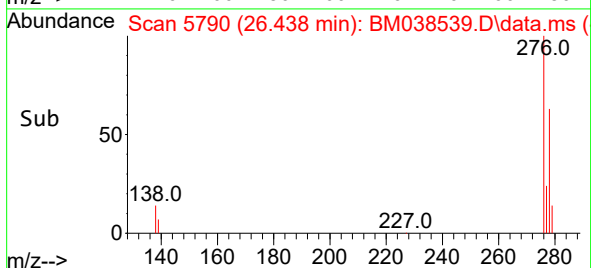
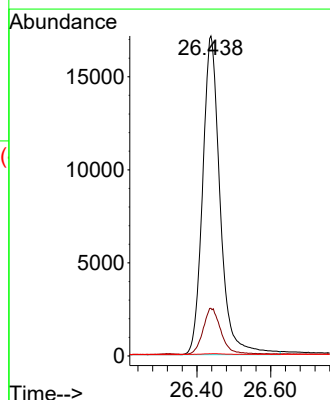
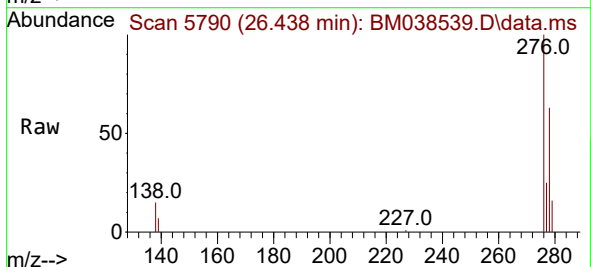
Tgt Ion:276 Resp: 56436

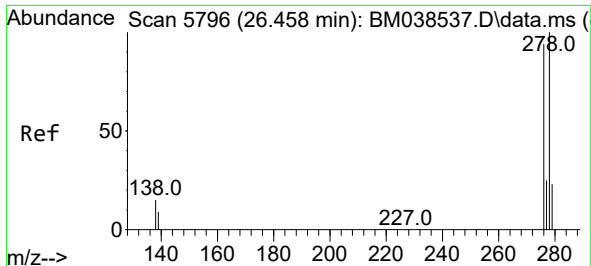
Ion Ratio Lower Upper

276 100

138 15.1 11.7 17.5

227 0.2 0.3 0.5#

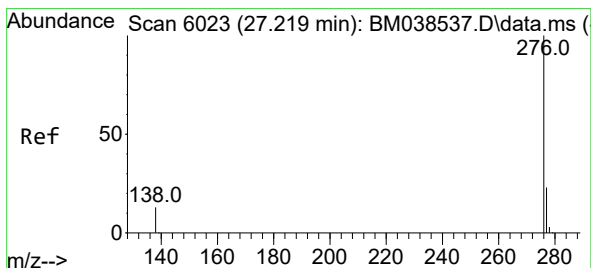
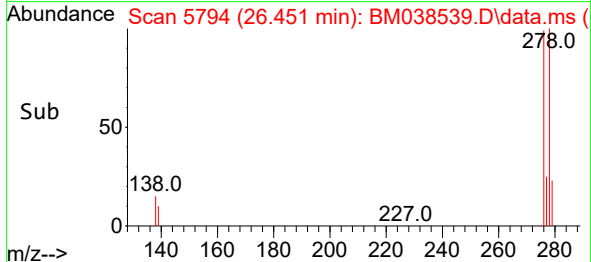
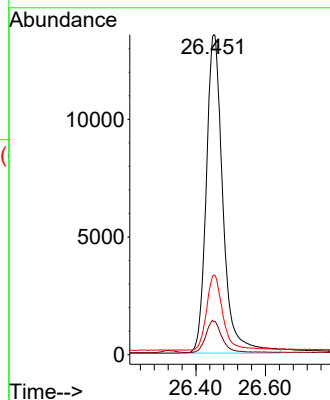
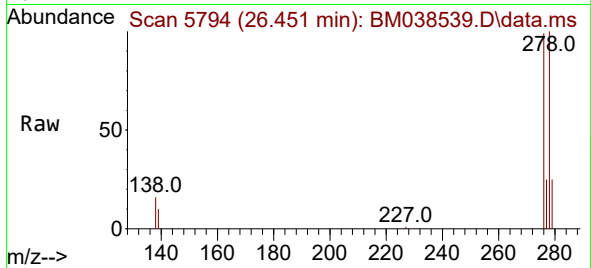




#28
Dibenzo(a,h)anthracene
Concen: 1.494 ng/ul
RT: 26.451 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM038539.D
Acq: 25 Jan 2023 21:42

Instrument :
BNA_M
ClientSampleId :
SSTD1.6040

Tgt Ion:278 Resp: 45203
Ion Ratio Lower Upper
278 100
139 10.3 9.8 14.8
279 24.8 23.3 34.9



#29
Benzo(g,h,i)perylene
Concen: 1.417 ng/ul
RT: 27.212 min Scan# 6021
Delta R.T. -0.007 min
Lab File: BM038539.D
Acq: 25 Jan 2023 21:42

Tgt Ion:276 Resp: 48644
Ion Ratio Lower Upper
276 100
138 13.5 12.6 19.0
277 24.0 20.5 30.7

