

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020124\
 Data File : BM043955.D
 Acq On : 01 Feb 2024 20:39
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4184

Quant Time: Feb 01 23:55:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 22:50:05 2024
 Response via : Initial Calibration

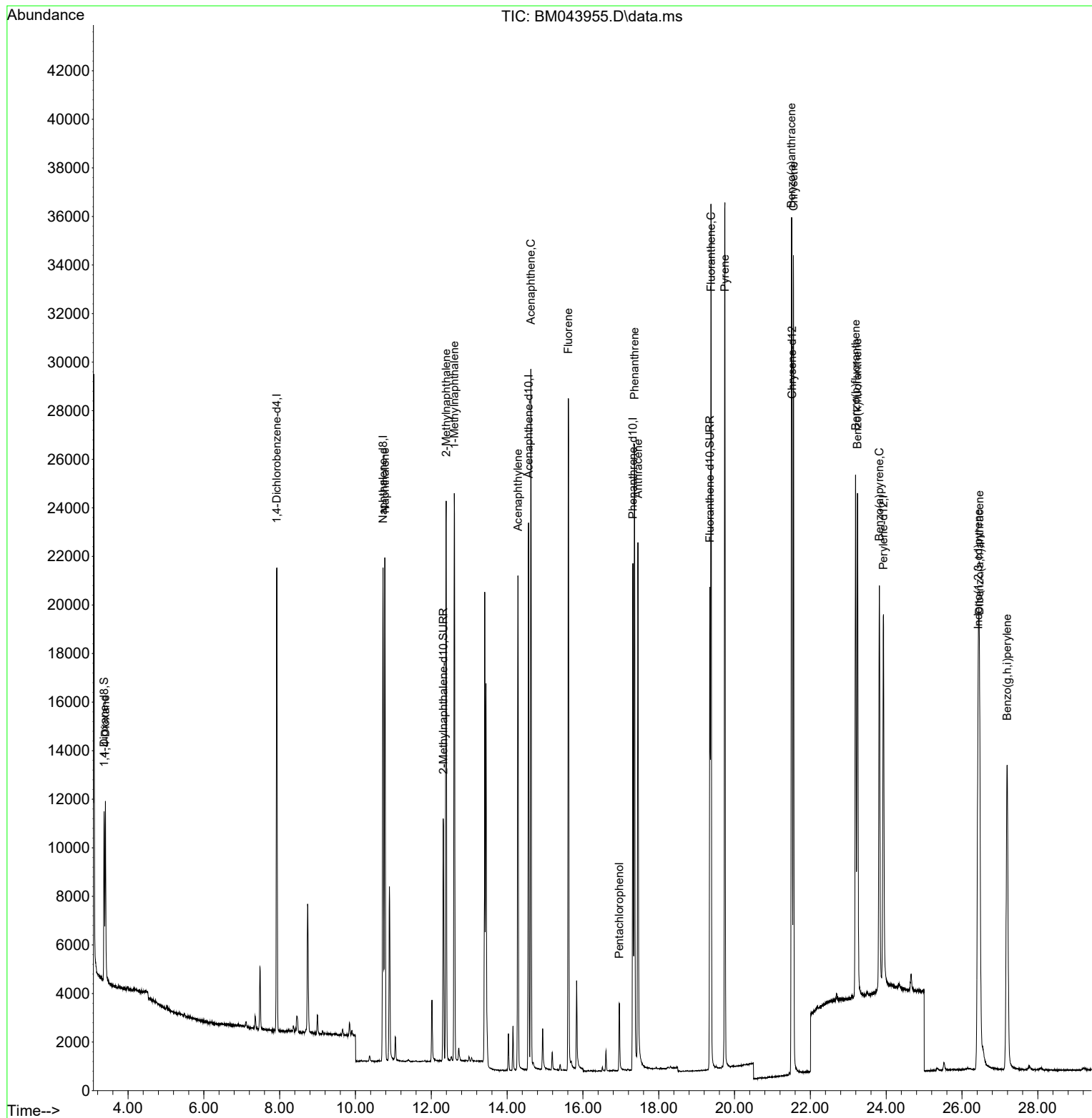
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	9630	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	26733	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.567	164	12362	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.318	188	26271	0.400	ng/ul	0.00
17) Chrysene-d12	21.519	240	19499	0.400	ng/ul	0.00
23) Perylene-d12	23.928	264	22202	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	4671	0.377	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	12944	0.369	ng/ul	0.00
18) Fluoranthene-d10	19.350	212	21695	0.354	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.403	88	4563	0.351	ng/ul	96
5) Naphthalene	10.776	128	27983	0.365	ng/ul	100
7) 2-Methylnaphthalene	12.393	142	16538	0.362	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	16500	0.364	ng/ul	100
10) Acenaphthylene	14.284	152	23697	0.353	ng/ul	99
11) Acenaphthene	14.627	153	16684	0.359	ng/ul	100
12) Fluorene	15.617	166	18241	0.358	ng/ul	99
14) Pentachlorophenol	16.959	266	2130	0.343	ng/ul	94
15) Phenanthrene	17.360	178	28120	0.351	ng/ul	99
16) Anthracene	17.453	178	26839	0.353	ng/ul	99
19) Fluoranthene	19.383	202	31065	0.346	ng/ul	99
20) Pyrene	19.745	202	31799	0.344	ng/ul	100
21) Benzo(a)anthracene	21.502	228	27842	0.342	ng/ul	99
22) Chrysene	21.554	228	29931	0.351	ng/ul	100
24) Benzo(b)fluoranthene	23.194	252	29255	0.345	ng/ul	100
25) Benzo(k)fluoranthene	23.244	252	29429	0.333	ng/ul	99
26) Benzo(a)pyrene	23.820	252	26816	0.347	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.426	276	34016	0.342	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.463	278	27185	0.342	ng/ul	99
29) Benzo(g,h,i)perylene	27.190	276	29063	0.338	ng/ul	98

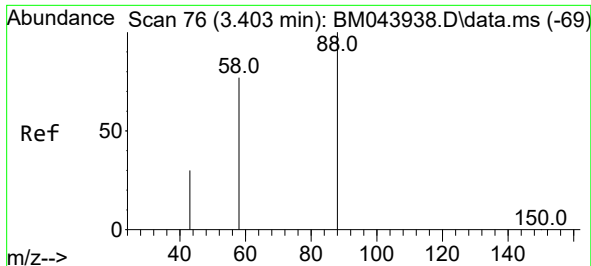
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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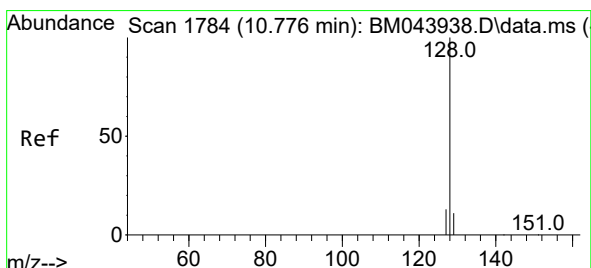
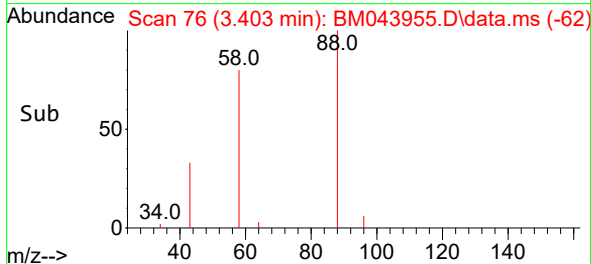
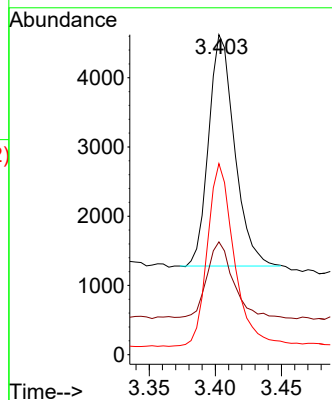
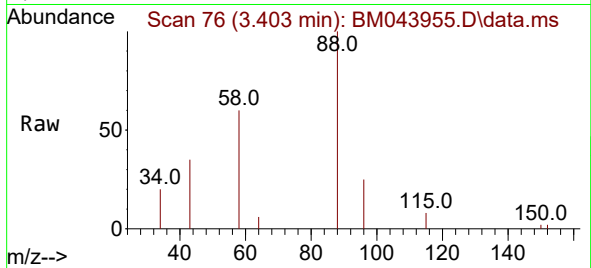




#2
1,4-Dioxane
Concen: 0.351 ng/ul
RT: 3.403 min Scan# 76
Delta R.T. -0.000 min
Lab File: BM043955.D
Acq: 01 Feb 2024 20:39

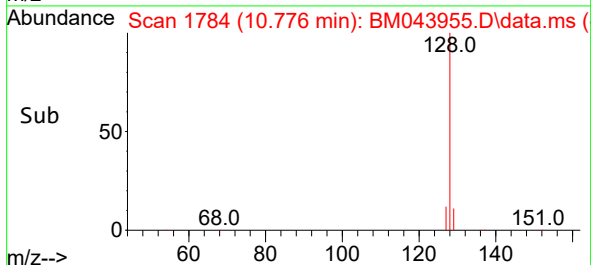
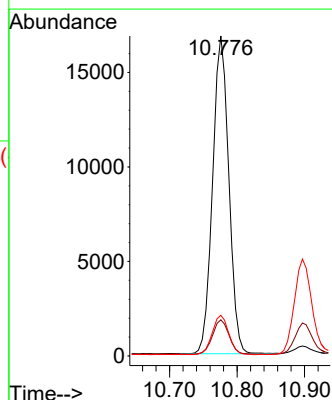
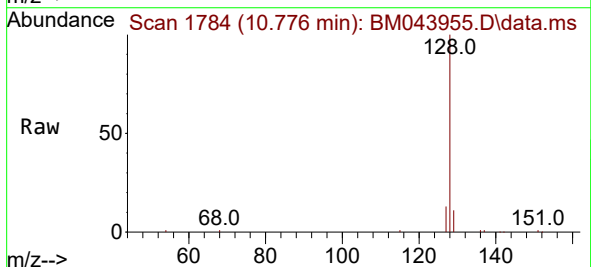
Instrument :
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ClientSampleId :
SSTD0.4184

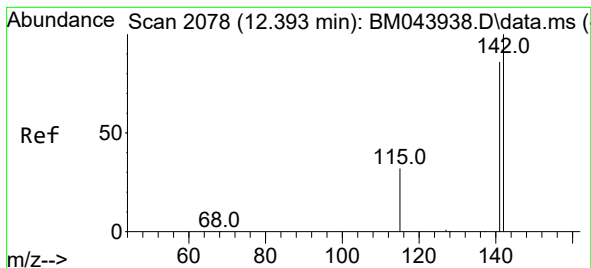
Tgt Ion: 88 Resp: 4563
Ion Ratio Lower Upper
88 100
43 35.3 27.1 40.7
58 59.7 44.6 67.0



#5
Naphthalene
Concen: 0.365 ng/ul
RT: 10.776 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BM043955.D
Acq: 01 Feb 2024 20:39

Tgt Ion: 128 Resp: 27983
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 12.7 10.3 15.5

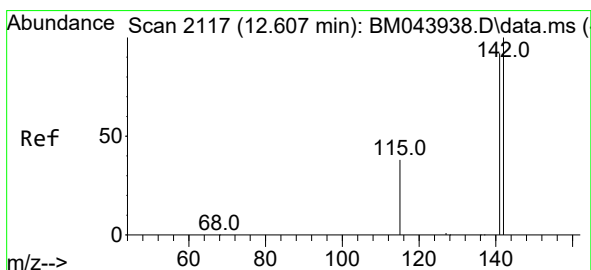
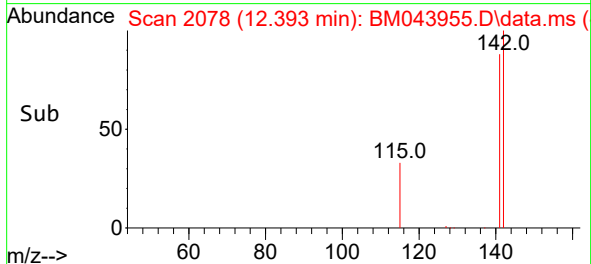
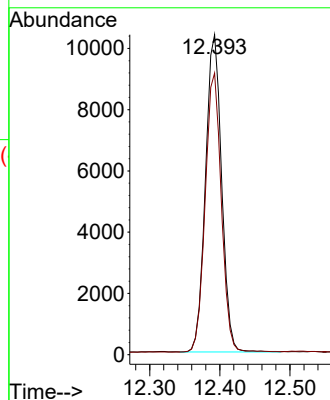
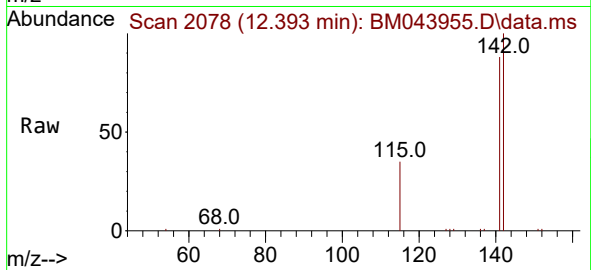




#7
2-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 12.393 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BM043955.D
Acq: 01 Feb 2024 20:39

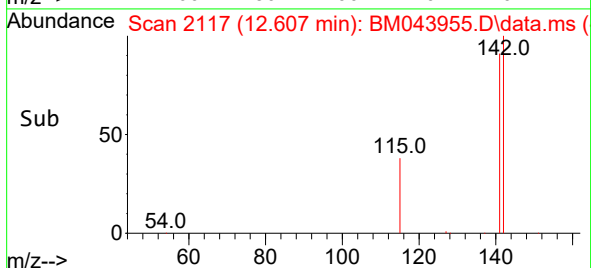
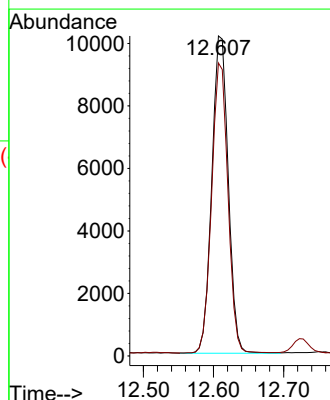
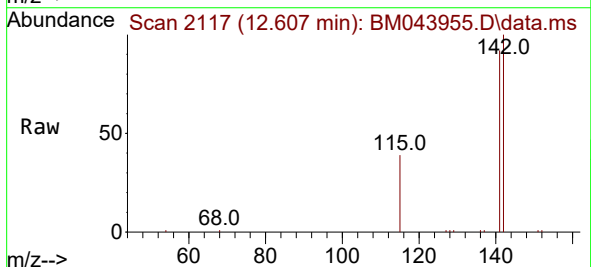
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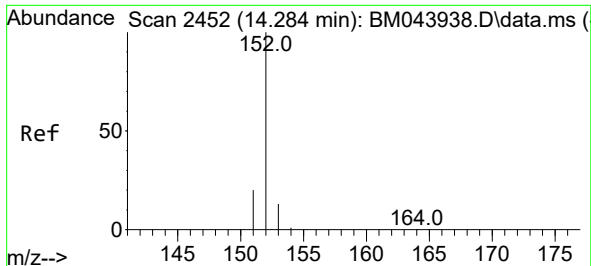
Tgt Ion:142 Resp: 16538
Ion Ratio Lower Upper
142 100
141 88.1 70.2 105.4



#8
1-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM043955.D
Acq: 01 Feb 2024 20:39

Tgt Ion:142 Resp: 16500
Ion Ratio Lower Upper
142 100
141 90.7 72.9 109.3

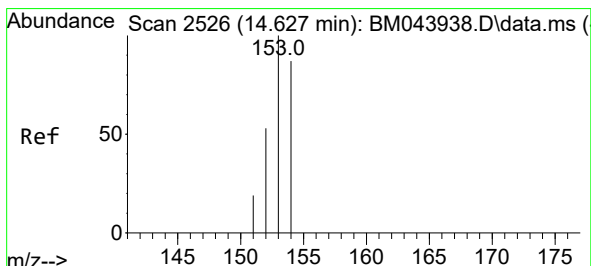
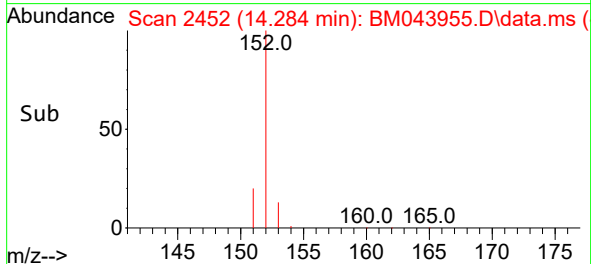
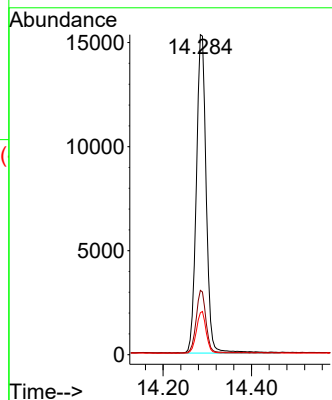
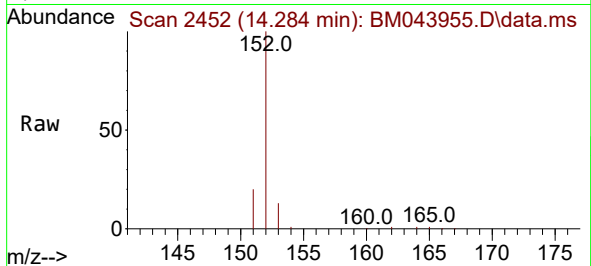




#10
Acenaphthylene
Concen: 0.353 ng/ul
RT: 14.284 min Scan# 2452
Delta R.T. -0.004 min
Lab File: BM043955.D
Acq: 01 Feb 2024 20:39

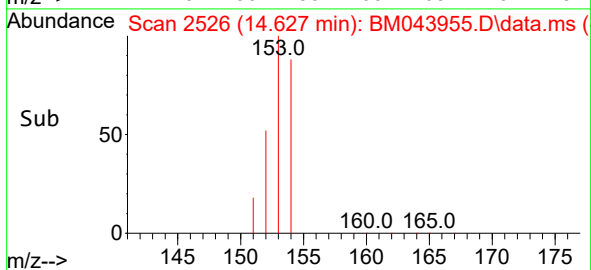
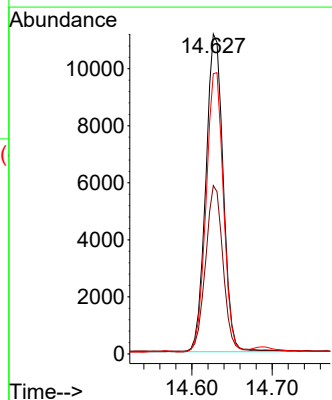
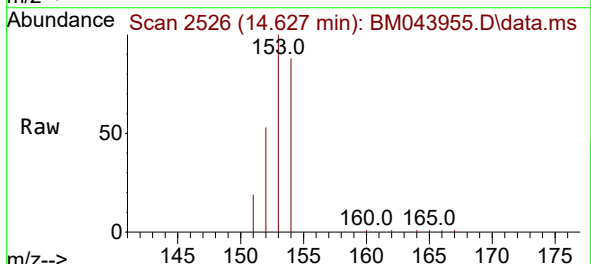
Instrument :
BNA_M
ClientSampleId :
SSTD0.4184

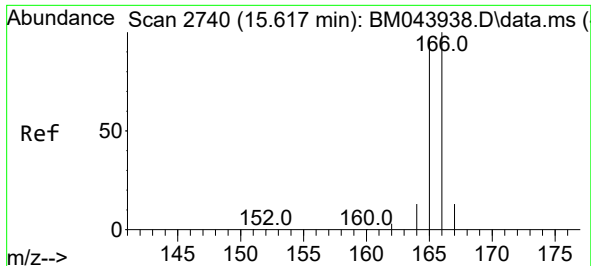
Tgt Ion:152 Resp: 23697
Ion Ratio Lower Upper
152 100
151 20.1 15.6 23.4
153 13.1 10.9 16.3



#11
Acenaphthene
Concen: 0.359 ng/ul
RT: 14.627 min Scan# 2526
Delta R.T. 0.001 min
Lab File: BM043955.D
Acq: 01 Feb 2024 20:39

Tgt Ion:153 Resp: 16684
Ion Ratio Lower Upper
153 100
152 52.6 41.8 62.8
154 87.6 69.8 104.8

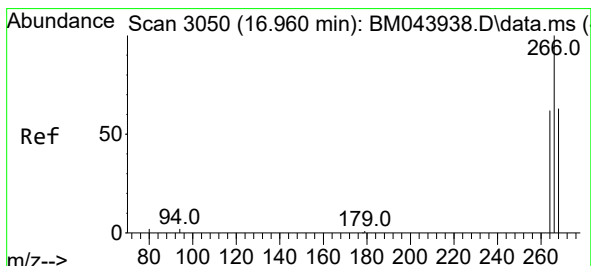
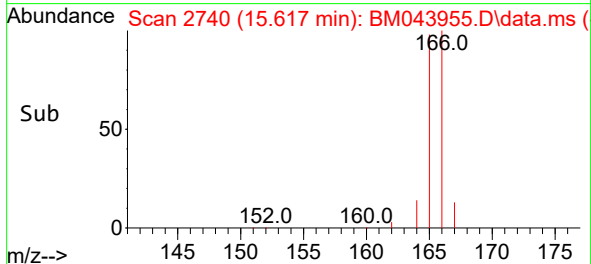
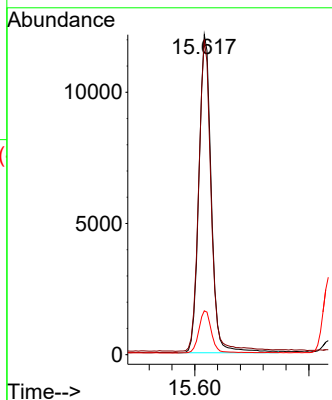
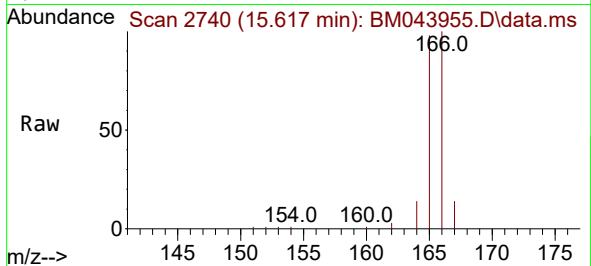




#12
 Fluorene
 Concen: 0.358 ng/ul
 RT: 15.617 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BM043955.D
 Acq: 01 Feb 2024 20:39

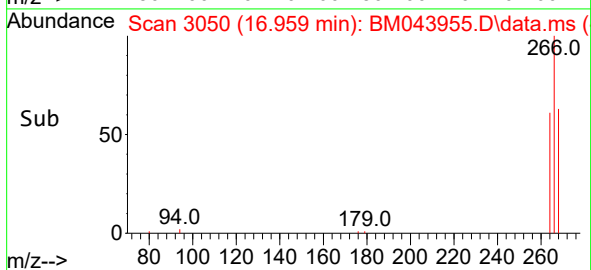
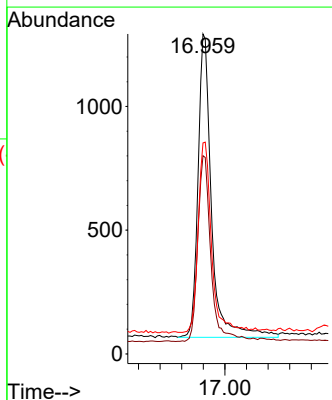
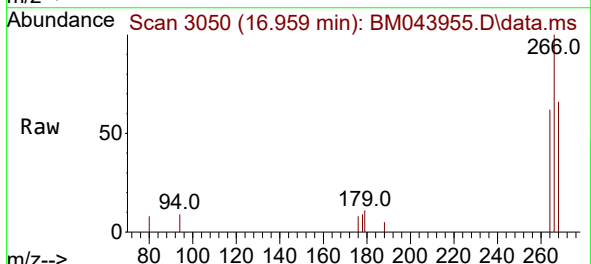
Instrument :
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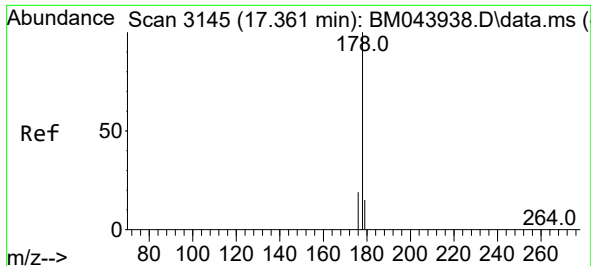
Tgt Ion:	166	Resp:	18241
Ion Ratio	Lower	Upper	
166	100		
165	98.5	79.5	119.3
167	13.7	10.9	16.3



#14
 Pentachlorophenol
 Concen: 0.343 ng/ul
 RT: 16.959 min Scan# 3050
 Delta R.T. 0.001 min
 Lab File: BM043955.D
 Acq: 01 Feb 2024 20:39

Tgt Ion:	266	Resp:	2130
Ion Ratio	Lower	Upper	
266	100		
264	59.8	51.3	76.9
268	63.4	54.7	82.1

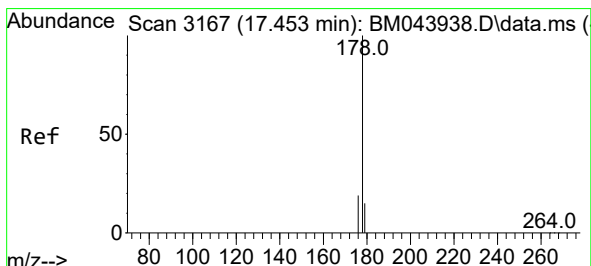
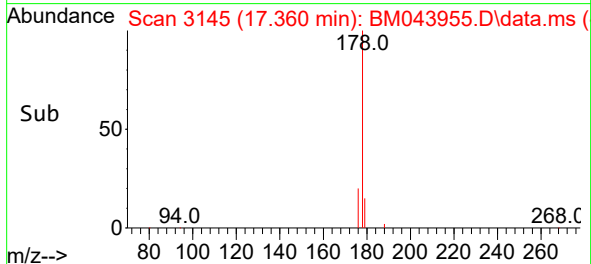
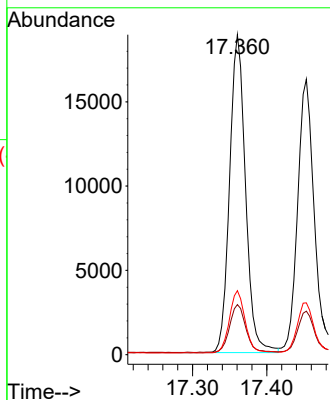
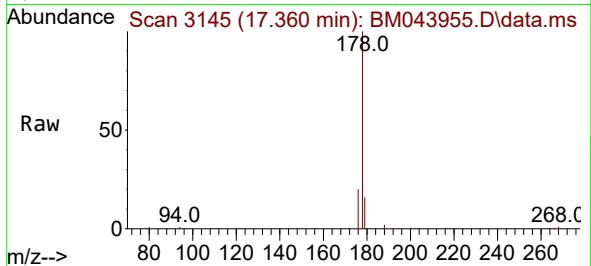




#15
Phenanthrene
Concen: 0.351 ng/ul
RT: 17.360 min Scan# 3145
Delta R.T. 0.001 min
Lab File: BM043955.D
Acq: 01 Feb 2024 20:39

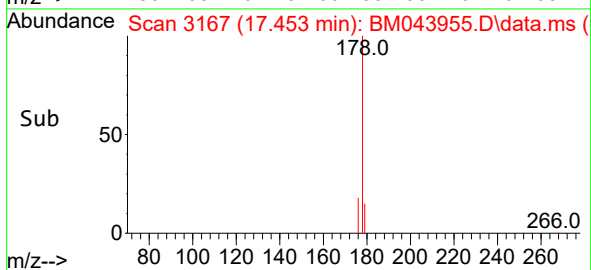
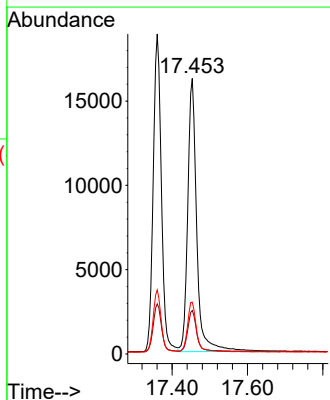
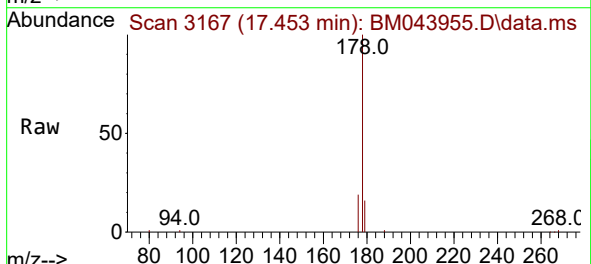
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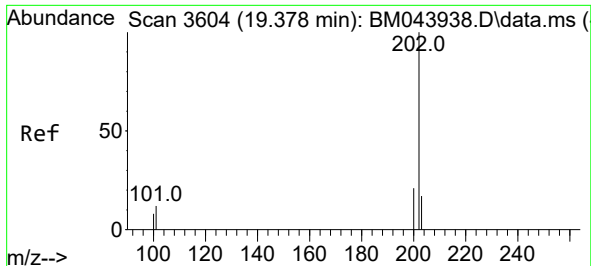
Tgt Ion:178 Resp: 28120
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 20.0 15.6 23.4



#16
Anthracene
Concen: 0.353 ng/ul
RT: 17.453 min Scan# 3167
Delta R.T. 0.001 min
Lab File: BM043955.D
Acq: 01 Feb 2024 20:39

Tgt Ion:178 Resp: 26839
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 18.8 15.4 23.0

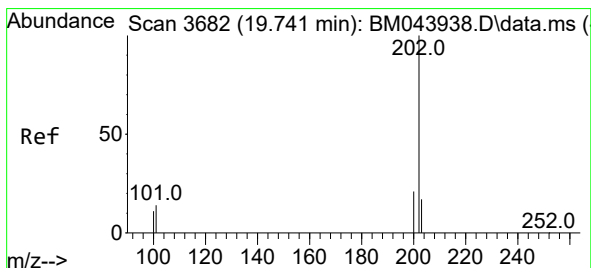
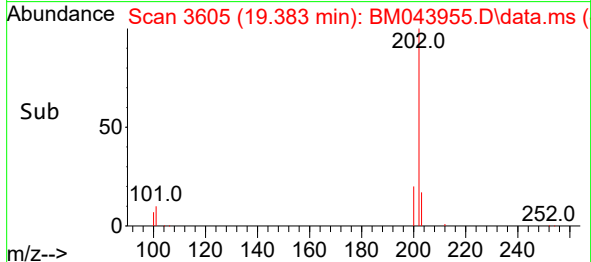
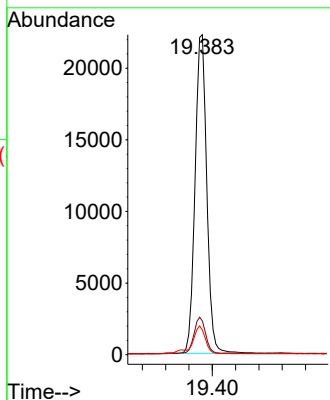
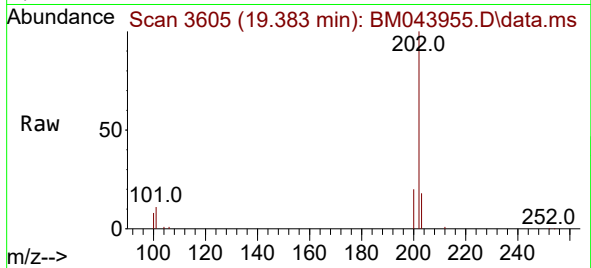




#19
Fluoranthene
Concen: 0.346 ng/ul
RT: 19.383 min Scan# 3605
Delta R.T. 0.001 min
Lab File: BM043955.D
Acq: 01 Feb 2024 20:39

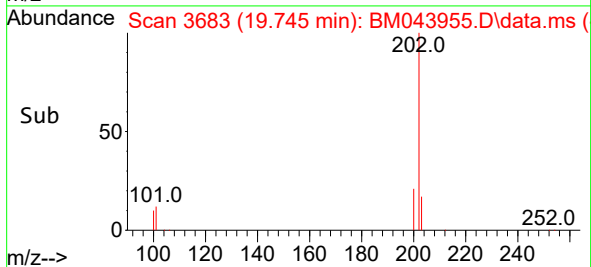
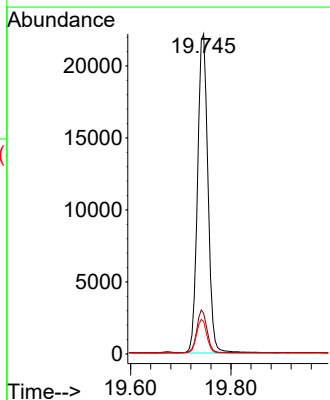
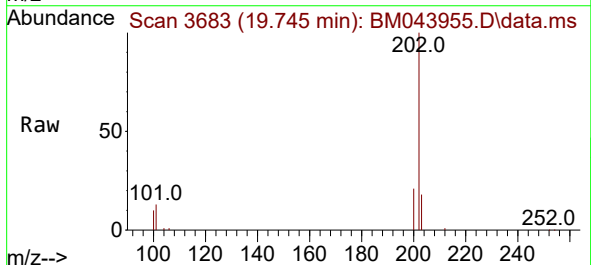
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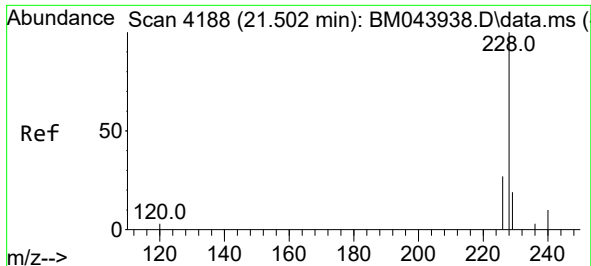
Tgt Ion:202 Resp: 31065
Ion Ratio Lower Upper
202 100
101 10.5 8.6 13.0
100 7.7 6.4 9.6



#20
Pyrene
Concen: 0.344 ng/ul
RT: 19.745 min Scan# 3683
Delta R.T. 0.001 min
Lab File: BM043955.D
Acq: 01 Feb 2024 20:39

Tgt Ion:202 Resp: 31799
Ion Ratio Lower Upper
202 100
101 12.7 10.3 15.5
100 10.2 8.1 12.1

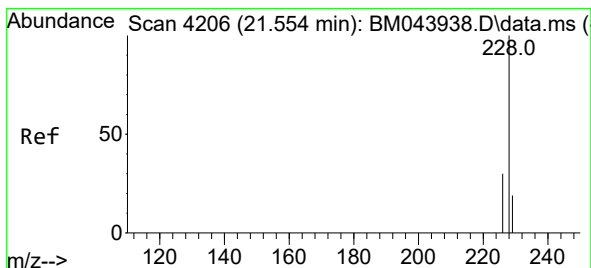
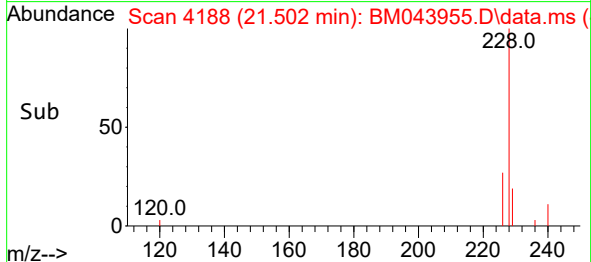
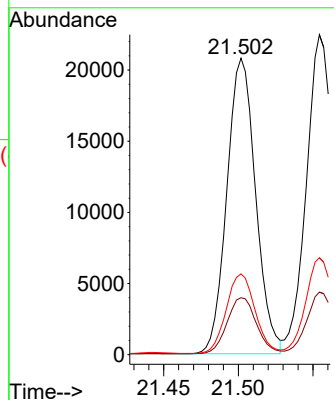
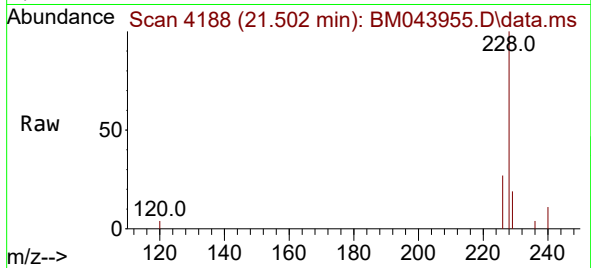




#21
Benzo(a)anthracene
Concen: 0.342 ng/ul
RT: 21.502 min Scan# 4188
Delta R.T. 0.002 min
Lab File: BM043955.D
Acq: 01 Feb 2024 20:39

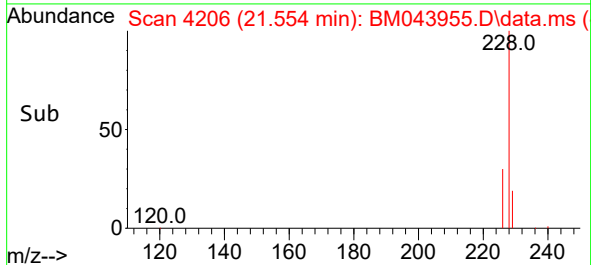
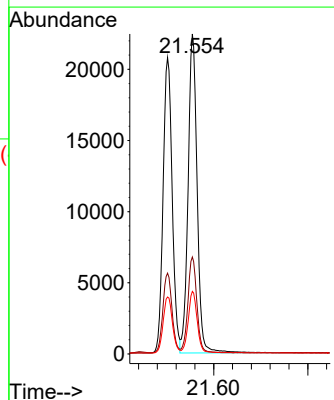
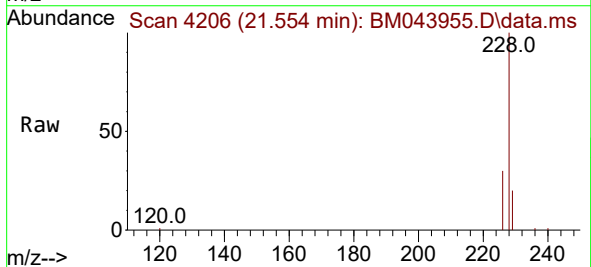
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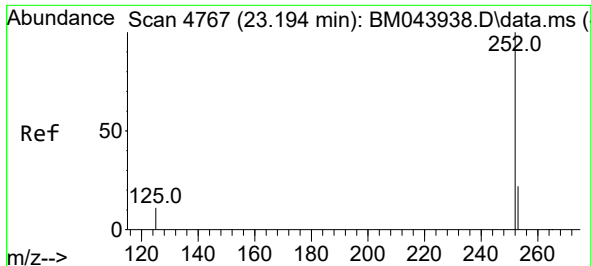
Tgt Ion:228 Resp: 27842
Ion Ratio Lower Upper
228 100
229 19.2 15.5 23.3
226 27.2 22.3 33.5



#22
Chrysene
Concen: 0.351 ng/ul
RT: 21.554 min Scan# 4206
Delta R.T. 0.002 min
Lab File: BM043955.D
Acq: 01 Feb 2024 20:39

Tgt Ion:228 Resp: 29931
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 19.5 15.5 23.3

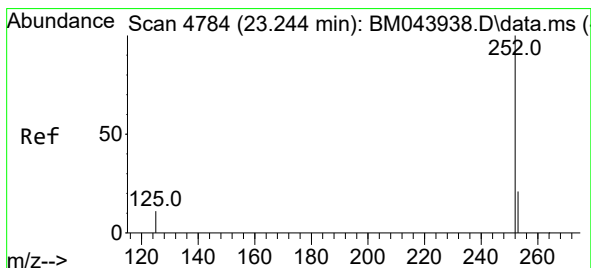
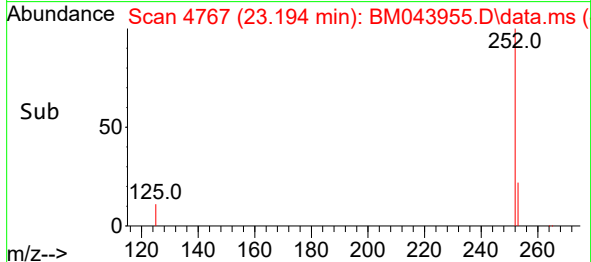
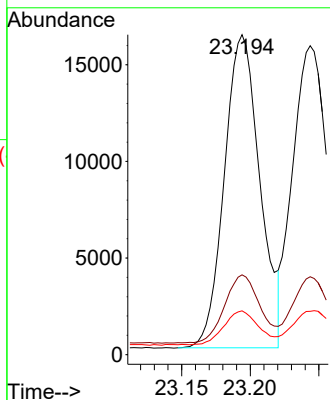
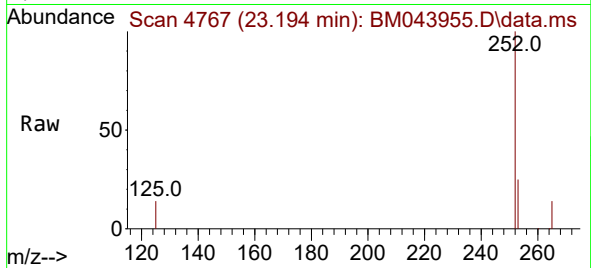




#24
Benzo(b)fluoranthene
Concen: 0.345 ng/ul
RT: 23.194 min Scan# 4767
Delta R.T. 0.002 min
Lab File: BM043955.D
Acq: 01 Feb 2024 20:39

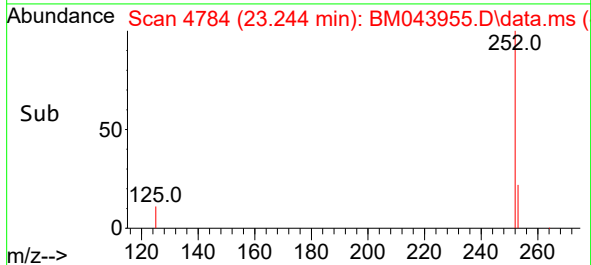
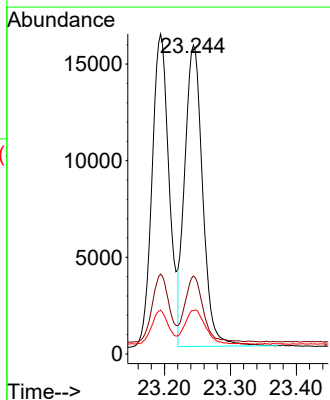
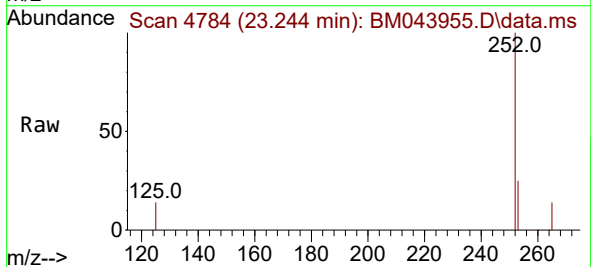
Instrument :
BNA_M
ClientSampleId :
SSTD0.4184

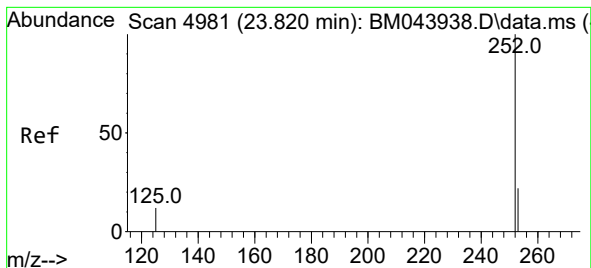
Tgt Ion:252 Resp: 29255
Ion Ratio Lower Upper
252 100
253 25.0 0.0 50.0
125 13.7 0.0 26.4



#25
Benzo(k)fluoranthene
Concen: 0.333 ng/ul
RT: 23.244 min Scan# 4784
Delta R.T. 0.002 min
Lab File: BM043955.D
Acq: 01 Feb 2024 20:39

Tgt Ion:252 Resp: 29429
Ion Ratio Lower Upper
252 100
253 25.2 19.7 29.5
125 14.0 10.6 16.0





#26

Benzo(a)pyrene

Concen: 0.347 ng/ul

RT: 23.820 min Scan# 4981

Delta R.T. -0.001 min

Lab File: BM043955.D

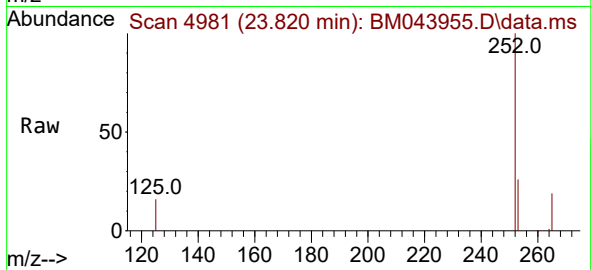
Acq: 01 Feb 2024 20:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.4184



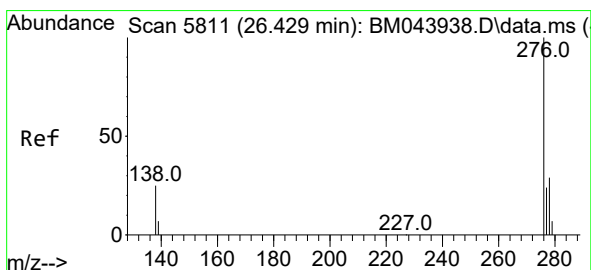
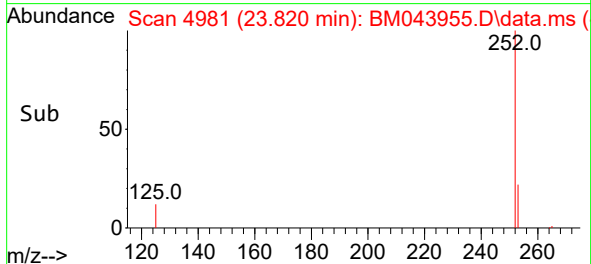
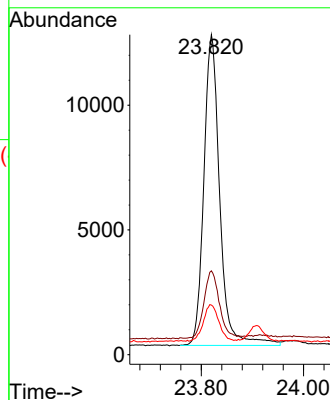
Tgt Ion:252 Resp: 26816

Ion Ratio Lower Upper

252 100

253 26.2 20.6 31.0

125 15.5 12.6 18.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.342 ng/ul

RT: 26.426 min Scan# 5810

Delta R.T. -0.001 min

Lab File: BM043955.D

Acq: 01 Feb 2024 20:39

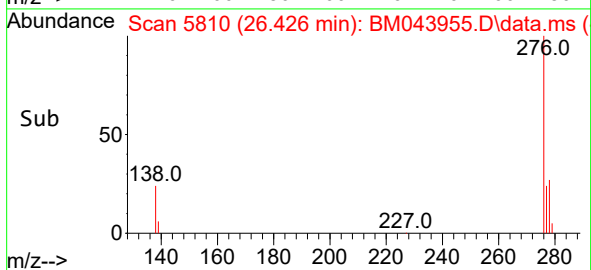
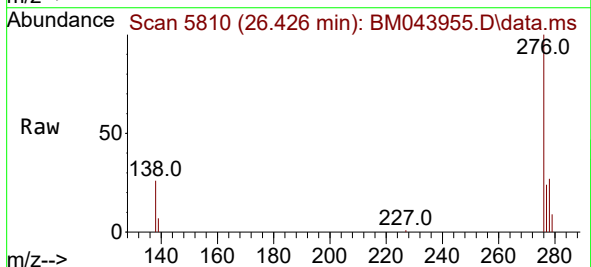
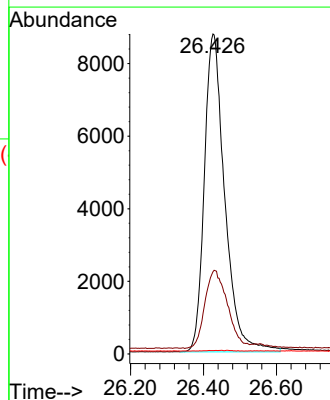
Tgt Ion:276 Resp: 34016

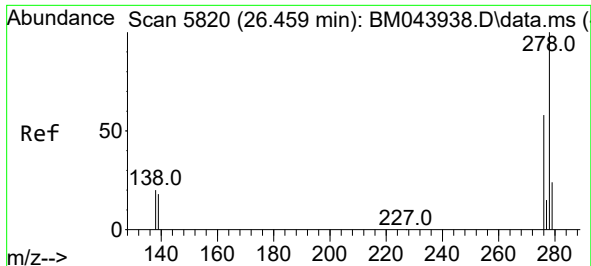
Ion Ratio Lower Upper

276 100

138 28.6 22.2 33.2

227 0.0 0.0 0.0#

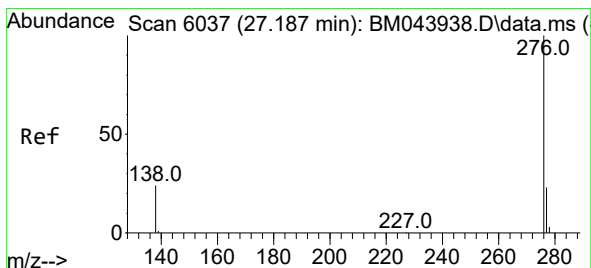
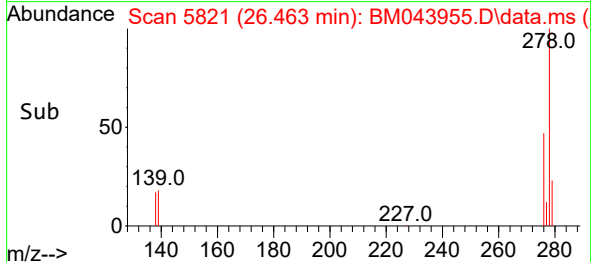
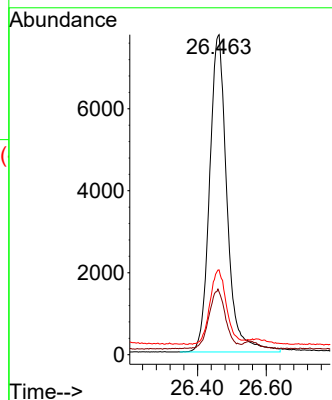
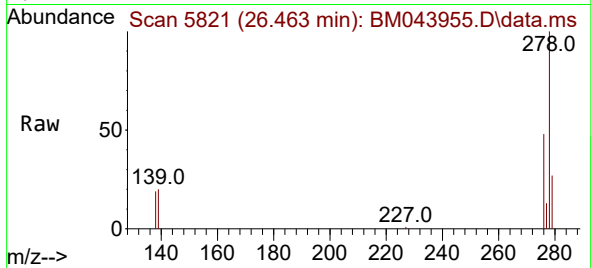




#28
Dibenzo(a,h)anthracene
Concen: 0.342 ng/ul
RT: 26.463 min Scan# 5821
Delta R.T. 0.006 min
Lab File: BM043955.D
Acq: 01 Feb 2024 20:39

Instrument :
BNA_M
ClientSampleId :
SSTD0.4184

Tgt Ion:	278	Resp:	27185
Ion Ratio	Lower	Upper	
278	100		
139	19.6	16.2	24.2
279	26.5	21.7	32.5



#29
Benzo(g,h,i)perylene
Concen: 0.338 ng/ul
RT: 27.190 min Scan# 6038
Delta R.T. -0.001 min
Lab File: BM043955.D
Acq: 01 Feb 2024 20:39

Tgt Ion:	276	Resp:	29063
Ion Ratio	Lower	Upper	
276	100		
138	25.7	20.2	30.2
277	24.9	19.0	28.4

