

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013124\
 Data File : BM043931.D
 Acq On : 31 Jan 2024 12:20
 Operator : MA/JU
 Sample : SSTD0.297
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.2002

Quant Time: Jan 31 22:44:41 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 15:16:31 2024
 Response via : Initial Calibration

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

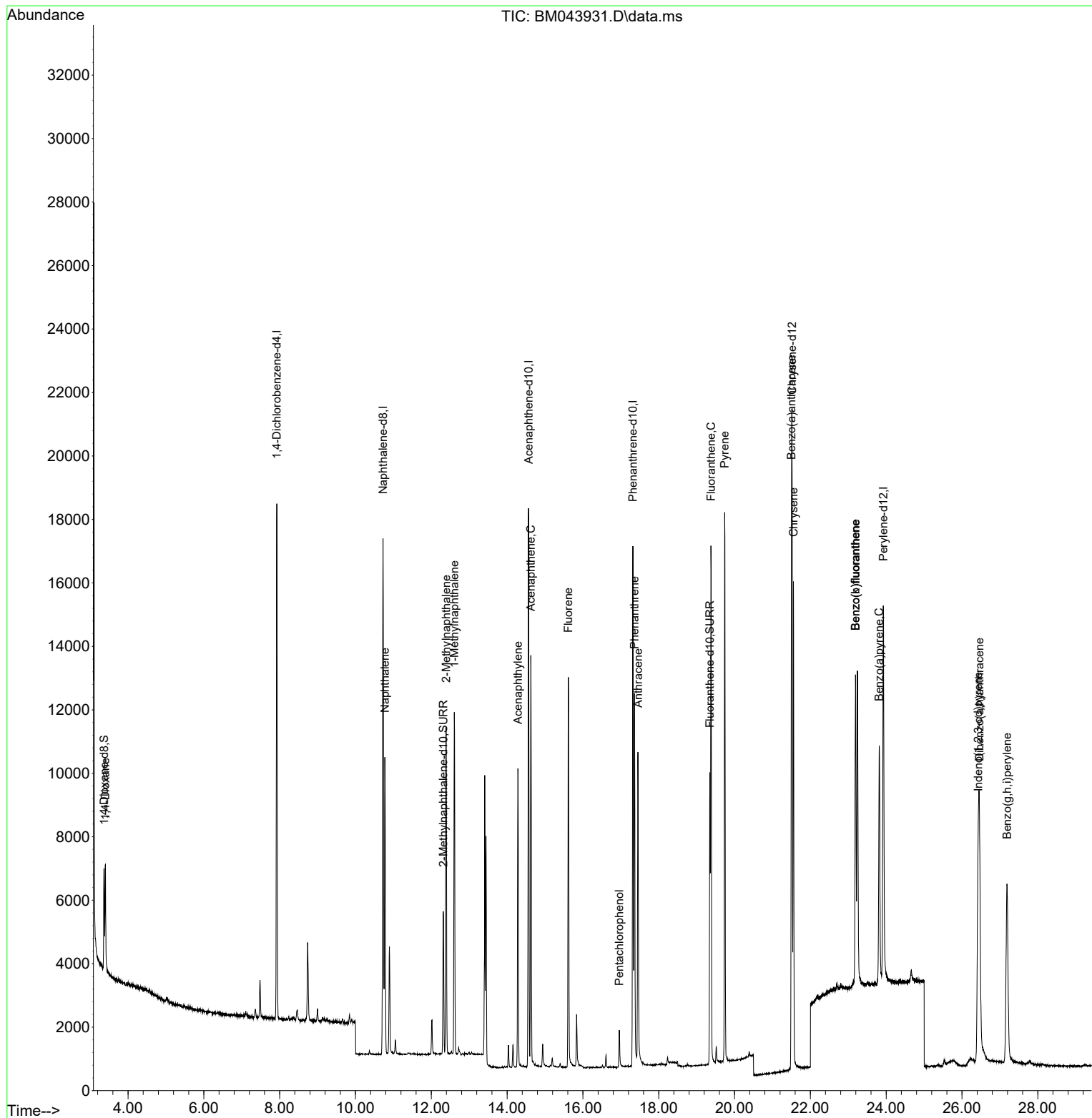
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	8079	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	21597	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.567	164	9743	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.318	188	20615	0.400	ng/ul	0.00
17) Chrysene-d12	21.516	240	15251	0.400	ng/ul	0.00
23) Perylene-d12	23.925	264	17504	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	2266	0.218	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	5736	0.203	ng/ul	0.00
18) Fluoranthene-d10	19.350	212	9878	0.206	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.403	88	2222	0.204	ng/ul	88
5) Naphthalene	10.776	128	12678	0.205	ng/ul	99
7) 2-Methylnaphthalene	12.393	142	7523	0.204	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	7413	0.202	ng/ul	100
10) Acenaphthylene	14.284	152	10737	0.203	ng/ul	98
11) Acenaphthene	14.627	153	7562	0.207	ng/ul	100
12) Fluorene	15.617	166	8218	0.204	ng/ul	98
14) Pentachlorophenol	16.959	266	909	0.186	ng/ul	94
15) Phenanthrene	17.360	178	12820	0.204	ng/ul	98
16) Anthracene	17.453	178	12133	0.204	ng/ul	99
19) Fluoranthene	19.378	202	14331	0.204	ng/ul	96
20) Pyrene	19.741	202	14917	0.207	ng/ul	96
21) Benzo(a)anthracene	21.502	228	12928	0.203	ng/ul	99
22) Chrysene	21.554	228	13860	0.208	ng/ul	100
24) Benzo(b)fluoranthene	23.191	252	13724	0.205	ng/ul	94
25) Benzo(k)fluoranthene	23.191	252	13724	0.194	ng/ul	93
26) Benzo(a)pyrene	23.817	252	12576	0.206	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.426	276	15881	0.202	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.459	278	12567	0.201	ng/ul	94
29) Benzo(g,h,i)perylene	27.187	276	13908	0.205	ng/ul	96

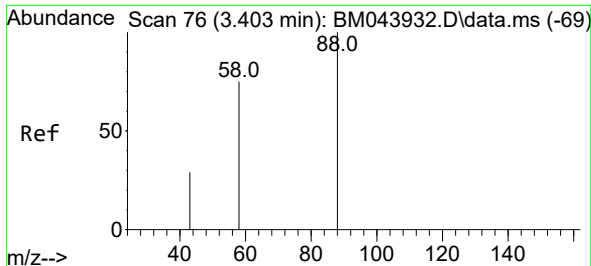
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013124\
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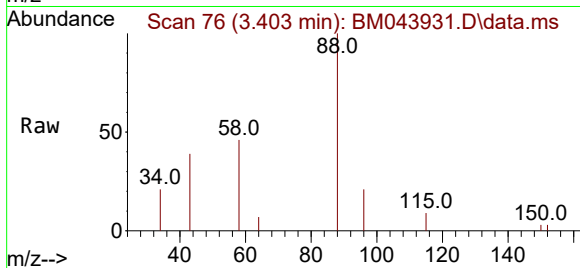
Quant Time: Jan 31 22:44:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 15:16:31 2024
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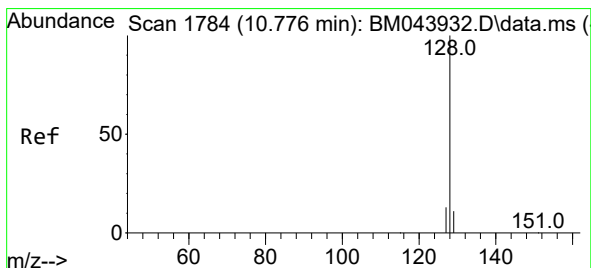
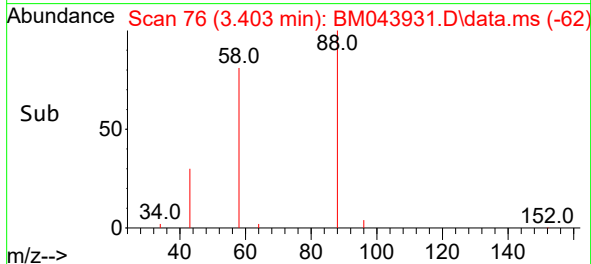
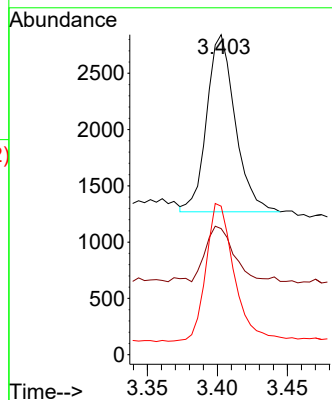
#2
1,4-Dioxane
Concen: 0.204 ng/ul
RT: 3.403 min Scan# 76
Delta R.T. -0.000 min
Lab File: BM043931.D
Acq: 31 Jan 2024 12:20

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002



Tgt Ion: 88 Resp: 2222

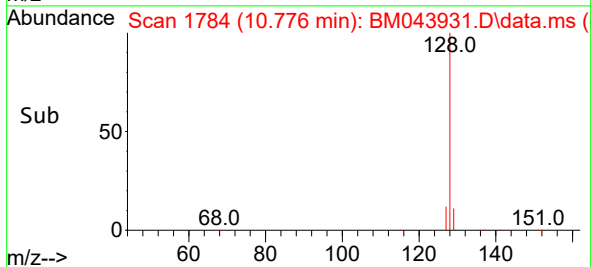
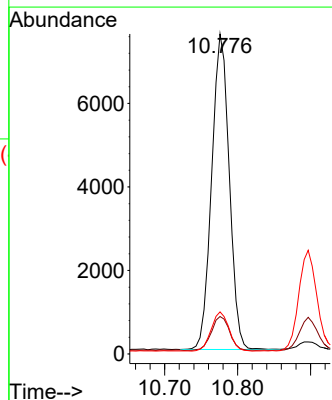
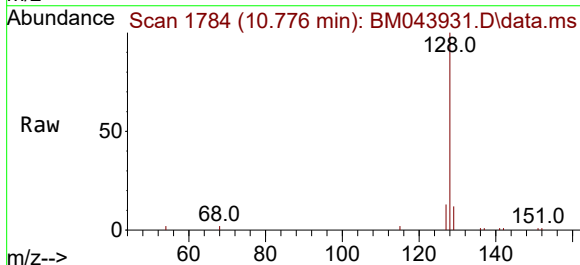
Ion	Ratio	Lower	Upper
88	100		
43	39.4	27.1	40.7
58	46.4	44.6	67.0

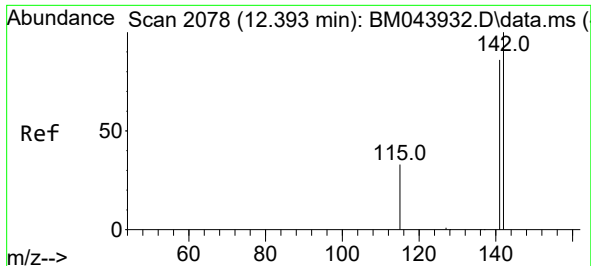


#5
Naphthalene
Concen: 0.205 ng/ul
RT: 10.776 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BM043931.D
Acq: 31 Jan 2024 12:20

Tgt Ion: 128 Resp: 12678

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	13.2	10.3	15.5

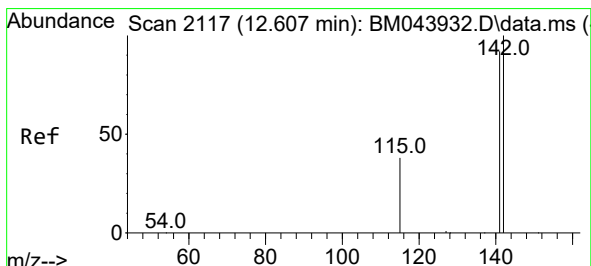
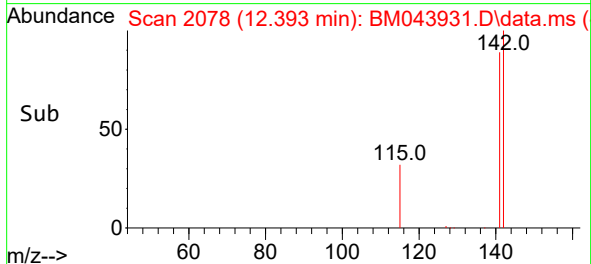
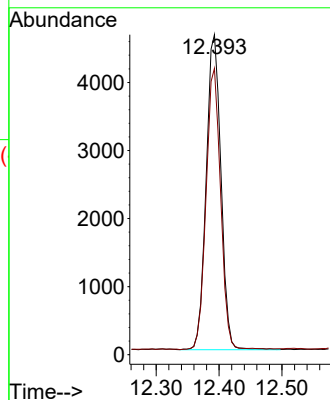
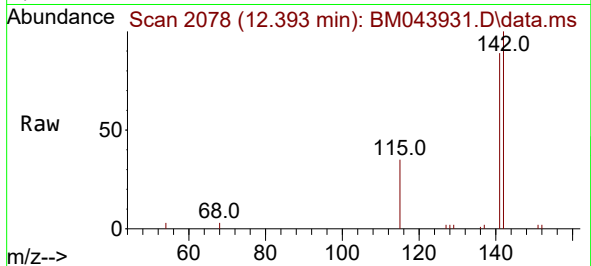




#7
2-Methylnaphthalene
Concen: 0.204 ng/ul
RT: 12.393 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BM043931.D
Acq: 31 Jan 2024 12:20

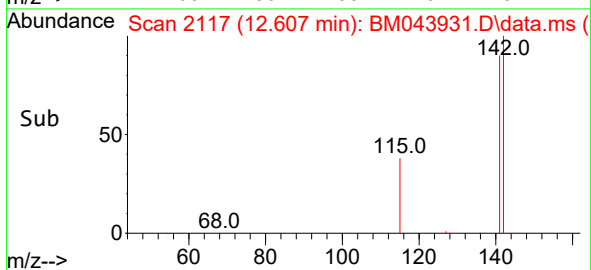
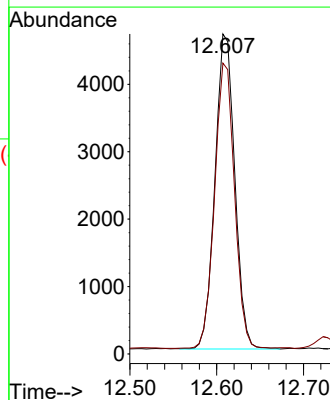
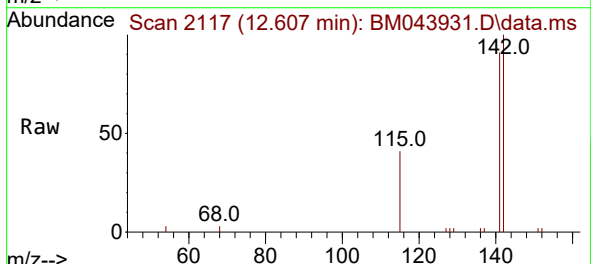
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

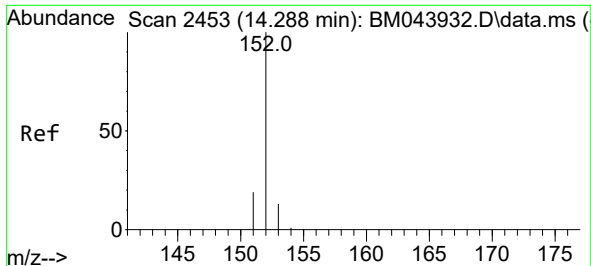
Tgt Ion:142 Resp: 7523
Ion Ratio Lower Upper
142 100
141 88.1 70.2 105.4



#8
1-Methylnaphthalene
Concen: 0.202 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM043931.D
Acq: 31 Jan 2024 12:20

Tgt Ion:142 Resp: 7413
Ion Ratio Lower Upper
142 100
141 91.1 72.9 109.3

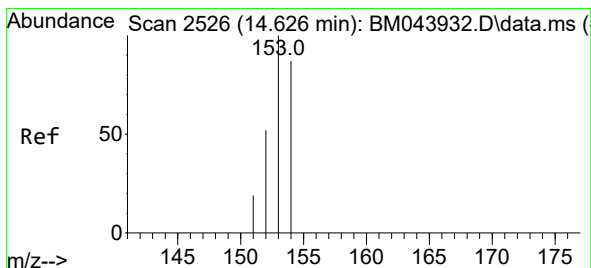
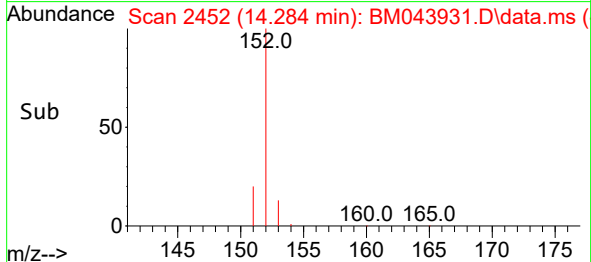
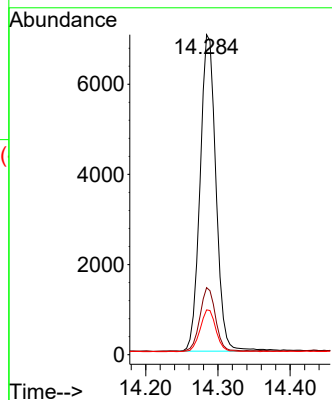
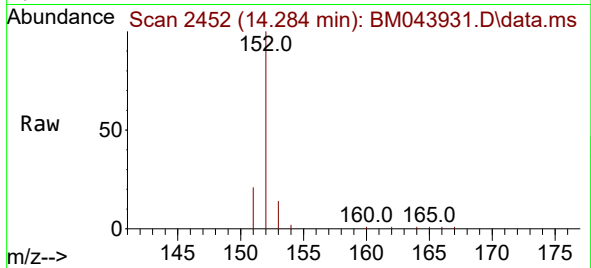




#10
Acenaphthylene
Concen: 0.203 ng/ul
RT: 14.284 min Scan# 2453
Delta R.T. -0.004 min
Lab File: BM043931.D
Acq: 31 Jan 2024 12:20

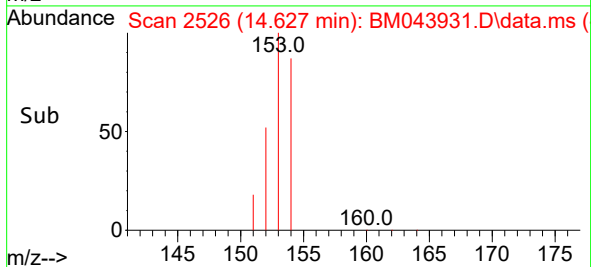
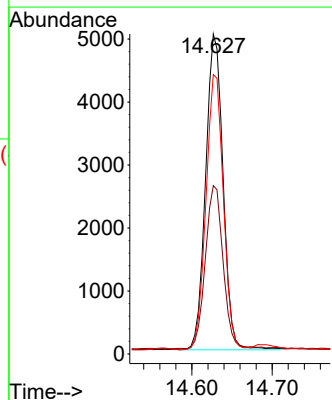
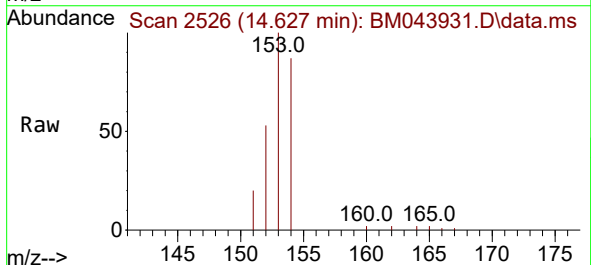
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

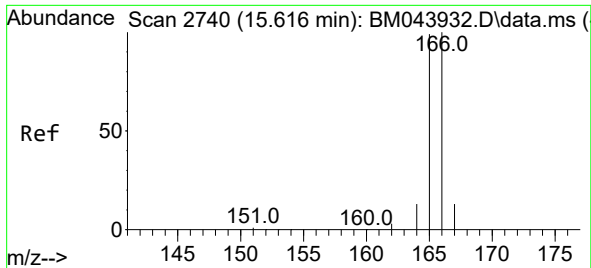
Tgt Ion:152 Resp: 10737
Ion Ratio Lower Upper
152 100
151 21.0 15.6 23.4
153 14.0 10.9 16.3



#11
Acenaphthene
Concen: 0.207 ng/ul
RT: 14.627 min Scan# 2526
Delta R.T. 0.001 min
Lab File: BM043931.D
Acq: 31 Jan 2024 12:20

Tgt Ion:153 Resp: 7562
Ion Ratio Lower Upper
153 100
152 52.6 41.8 62.8
154 87.3 69.8 104.8

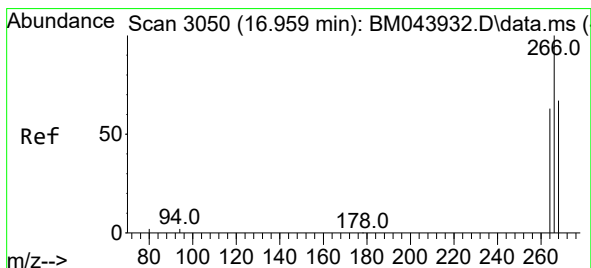
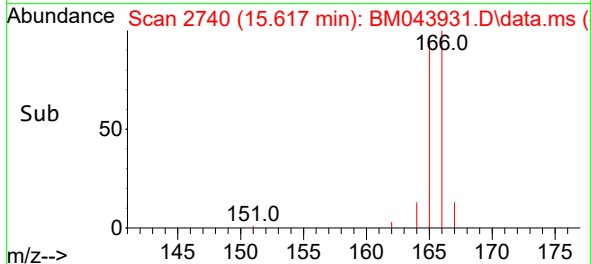
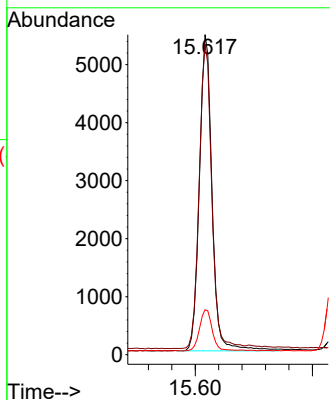
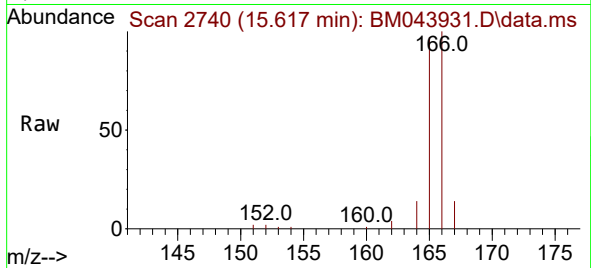




#12
Fluorene
Concen: 0.204 ng/ul
RT: 15.617 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM043931.D
Acq: 31 Jan 2024 12:20

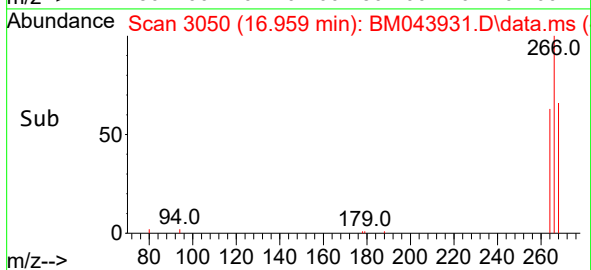
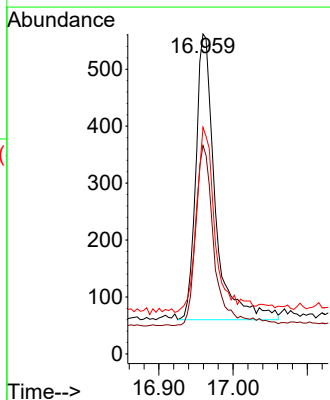
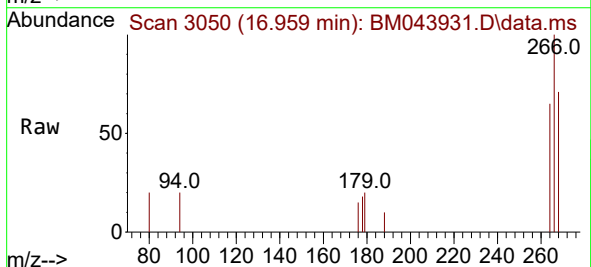
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

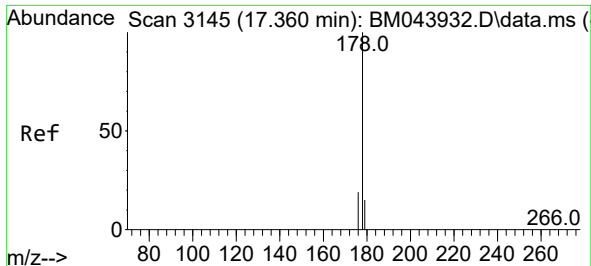
Tgt Ion:166 Resp: 8218
Ion Ratio Lower Upper
166 100
165 97.0 79.5 119.3
167 14.1 10.9 16.3



#14
Pentachlorophenol
Concen: 0.186 ng/ul
RT: 16.959 min Scan# 3050
Delta R.T. 0.001 min
Lab File: BM043931.D
Acq: 31 Jan 2024 12:20

Tgt Ion:266 Resp: 909
Ion Ratio Lower Upper
266 100
264 60.8 51.3 76.9
268 62.8 54.7 82.1

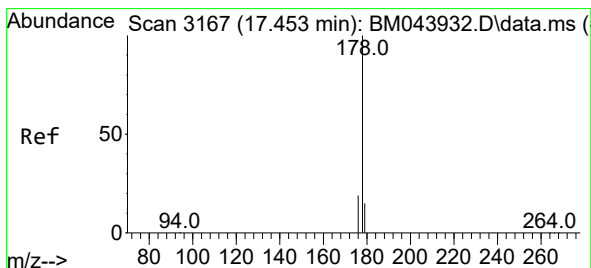
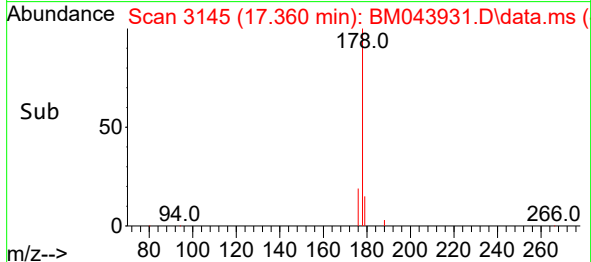
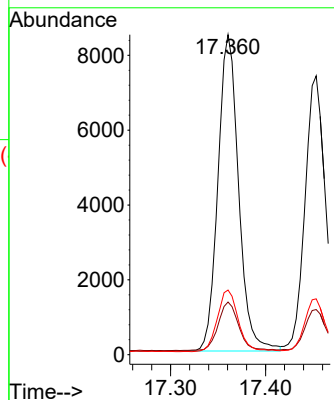
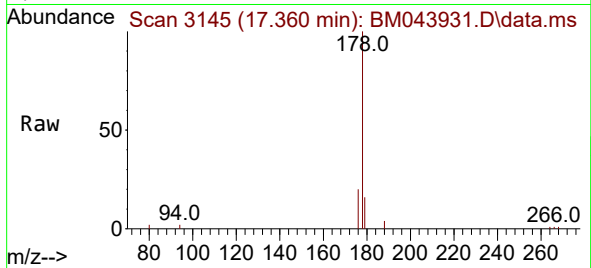




#15
Phenanthrene
Concen: 0.204 ng/ul
RT: 17.360 min Scan# 3145
Delta R.T. 0.001 min
Lab File: BM043931.D
Acq: 31 Jan 2024 12:20

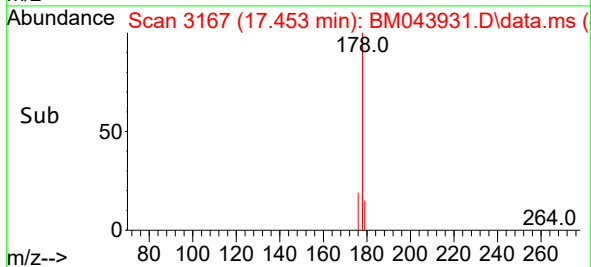
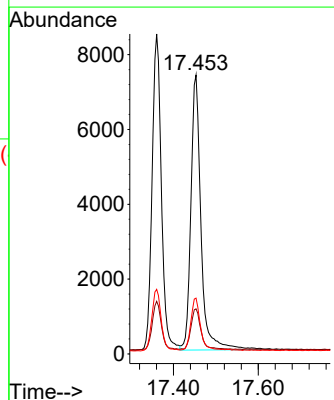
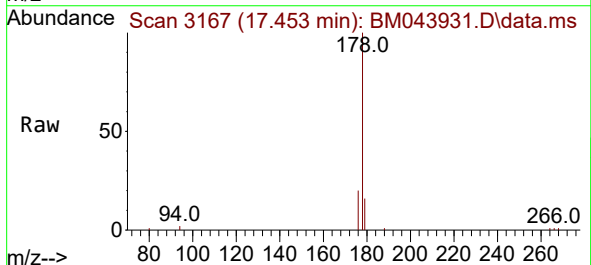
Instrument :
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SSTD0.2002

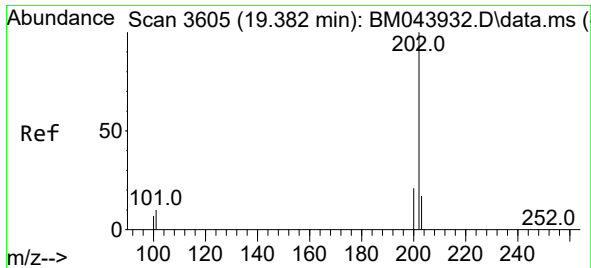
Tgt Ion:178 Resp: 12820
Ion Ratio Lower Upper
178 100
179 16.4 12.5 18.7
176 20.2 15.6 23.4



#16
Anthracene
Concen: 0.204 ng/ul
RT: 17.453 min Scan# 3167
Delta R.T. 0.001 min
Lab File: BM043931.D
Acq: 31 Jan 2024 12:20

Tgt Ion:178 Resp: 12133
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 20.0 15.4 23.0

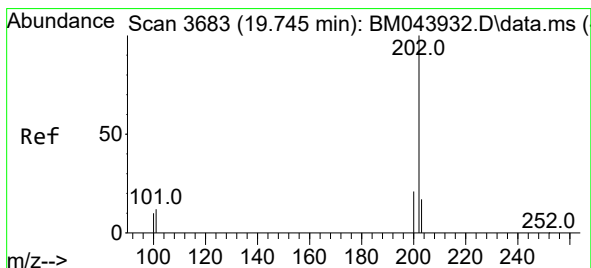
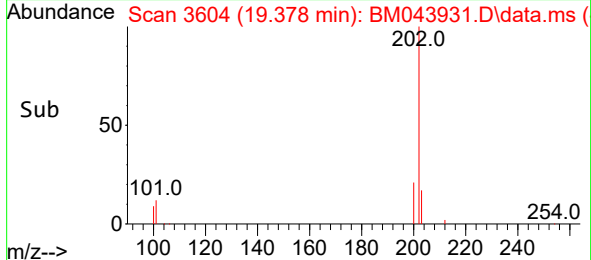
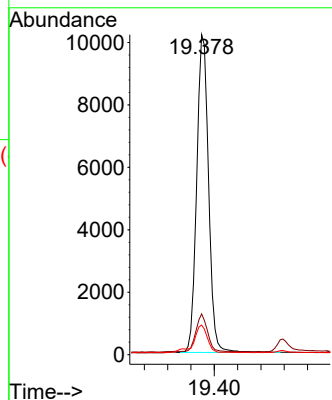
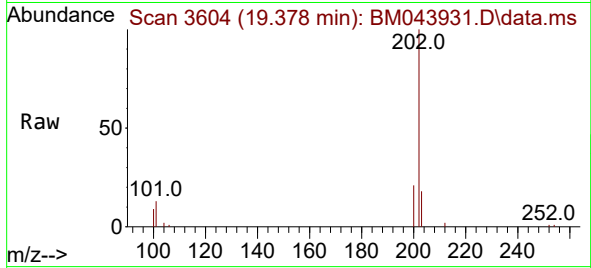




#19
Fluoranthene
Concen: 0.204 ng/ul
RT: 19.378 min Scan# 3604
Delta R.T. -0.004 min
Lab File: BM043931.D
Acq: 31 Jan 2024 12:20

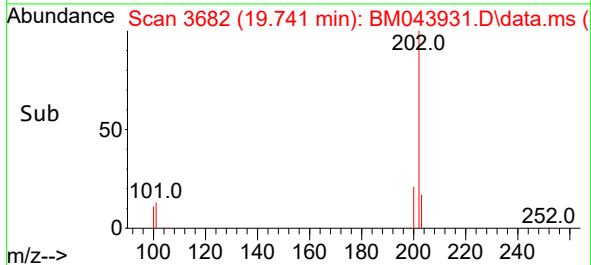
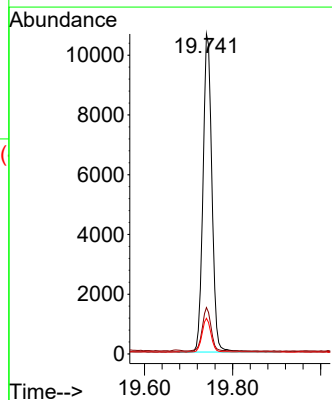
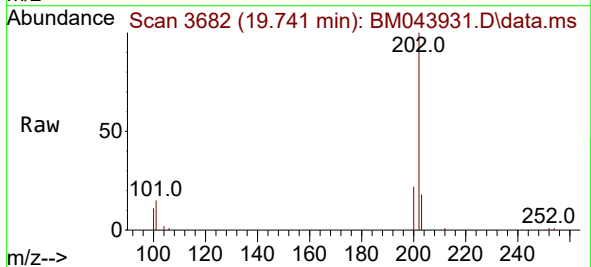
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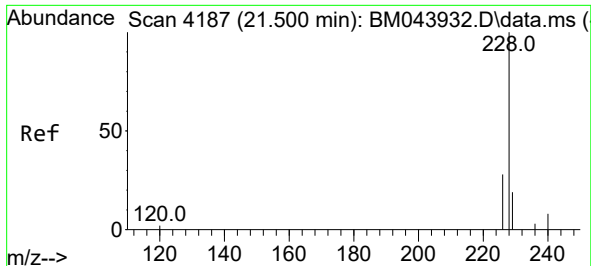
Tgt Ion:202 Resp: 14331
Ion Ratio Lower Upper
202 100
101 12.8 8.6 13.0
100 9.2 6.4 9.6



#20
Pyrene
Concen: 0.207 ng/ul
RT: 19.741 min Scan# 3682
Delta R.T. -0.004 min
Lab File: BM043931.D
Acq: 31 Jan 2024 12:20

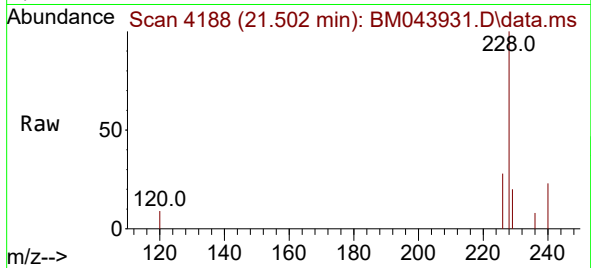
Tgt Ion:202 Resp: 14917
Ion Ratio Lower Upper
202 100
101 14.5 10.3 15.5
100 11.2 8.1 12.1



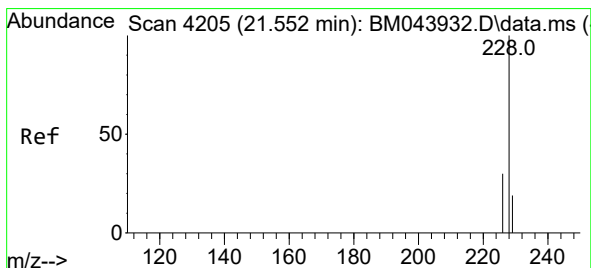
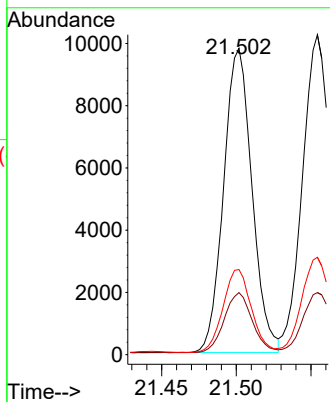
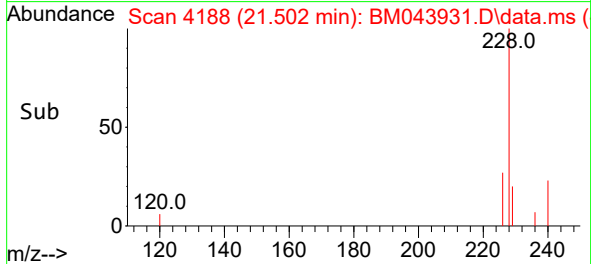


#21
Benzo(a)anthracene
Concen: 0.203 ng/ul
RT: 21.502 min Scan# 4188
Delta R.T. 0.002 min
Lab File: BM043931.D
Acq: 31 Jan 2024 12:20

Instrument :
BNA_M
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SSTD0.2002

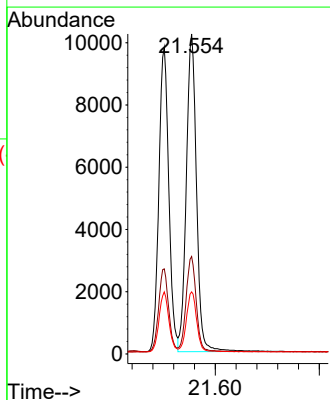
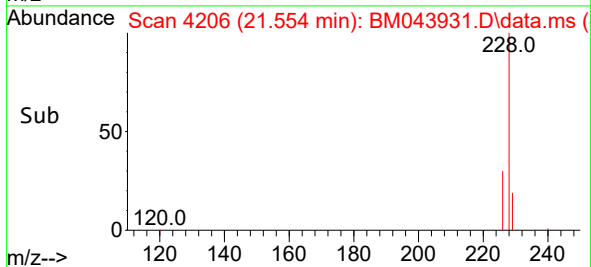
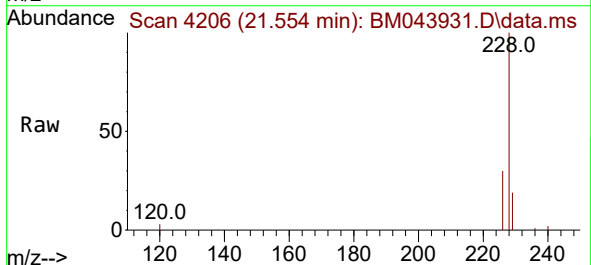


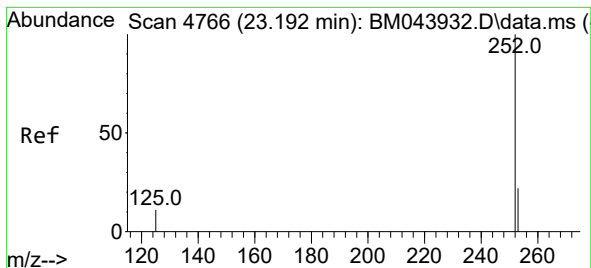
Tgt Ion:228 Resp: 12928
Ion Ratio Lower Upper
228 100
229 20.2 15.5 23.3
226 27.8 22.3 33.5



#22
Chrysene
Concen: 0.208 ng/ul
RT: 21.554 min Scan# 4206
Delta R.T. 0.002 min
Lab File: BM043931.D
Acq: 31 Jan 2024 12:20

Tgt Ion:228 Resp: 13860
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 19.4 15.5 23.3





#24

Benzo(b)fluoranthene

Concen: 0.205 ng/ul

RT: 23.191 min Scan# 4766

Delta R.T. -0.001 min

Lab File: BM043931.D

Acq: 31 Jan 2024 12:20

Instrument :

BNA_M

ClientSampleId :

SSTD0.2002

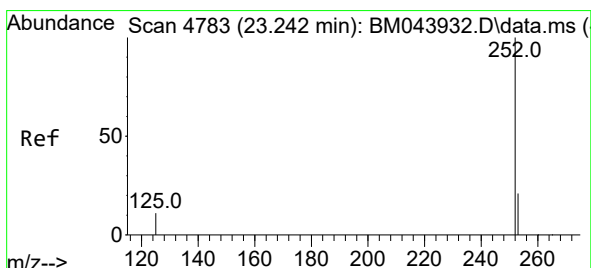
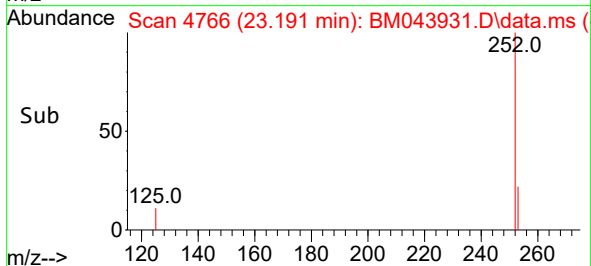
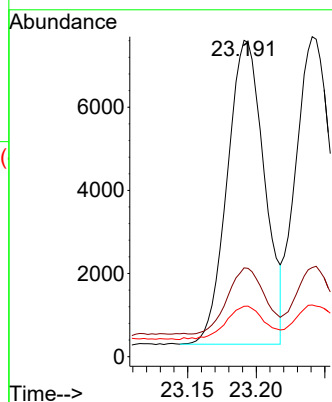
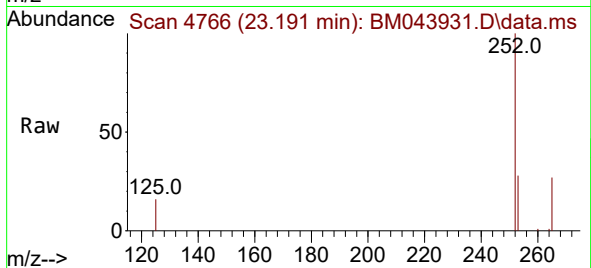
Tgt Ion:252 Resp: 13724

Ion Ratio Lower Upper

252 100

253 28.1 0.0 50.0

125 16.0 0.0 26.4



#25

Benzo(k)fluoranthene

Concen: 0.194 ng/ul

RT: 23.191 min Scan# 4766

Delta R.T. -0.051 min

Lab File: BM043931.D

Acq: 31 Jan 2024 12:20

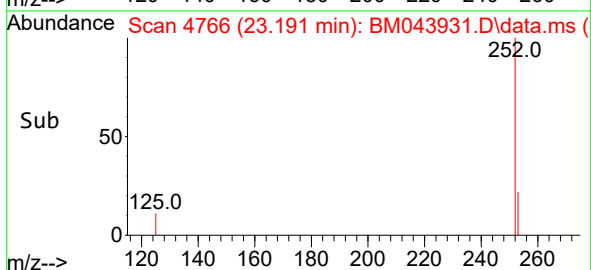
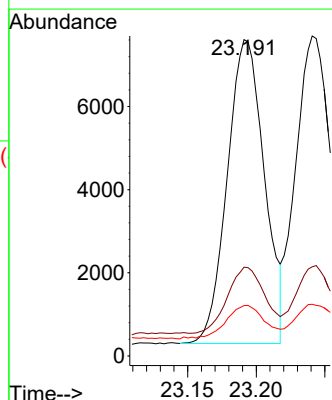
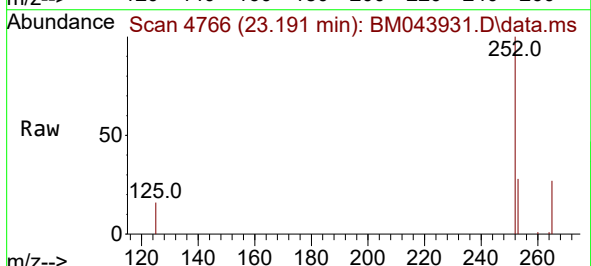
Tgt Ion:252 Resp: 13724

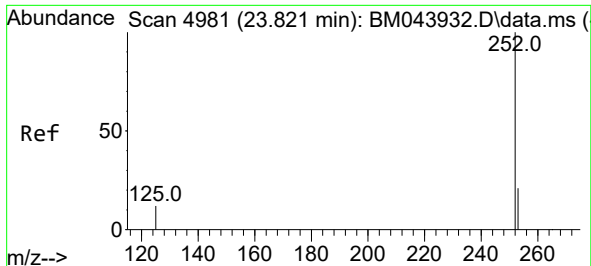
Ion Ratio Lower Upper

252 100

253 28.1 19.7 29.5

125 16.0 10.6 16.0

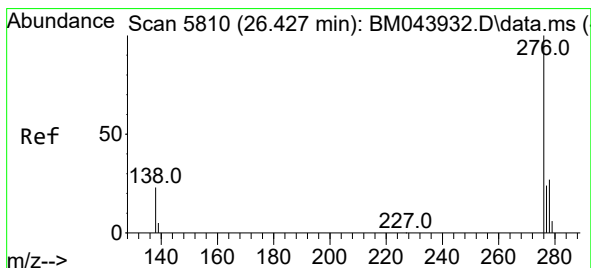
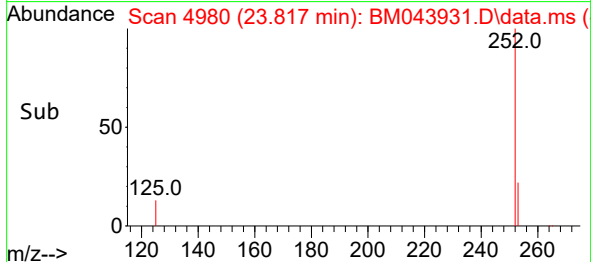
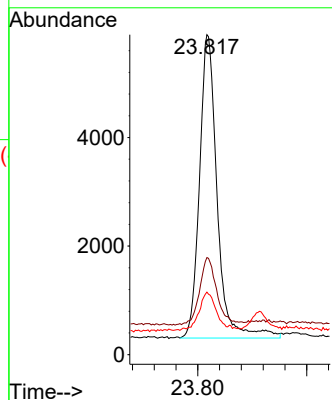
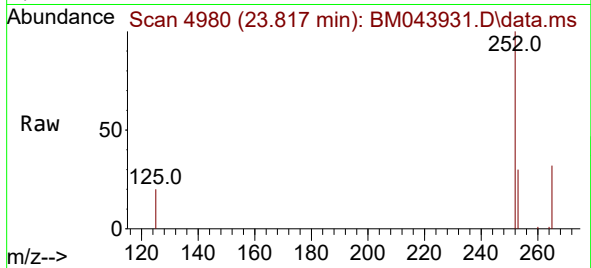




#26
Benzo(a)pyrene
Concen: 0.206 ng/ul
RT: 23.817 min Scan# 4981
Delta R.T. -0.004 min
Lab File: BM043931.D
Acq: 31 Jan 2024 12:20

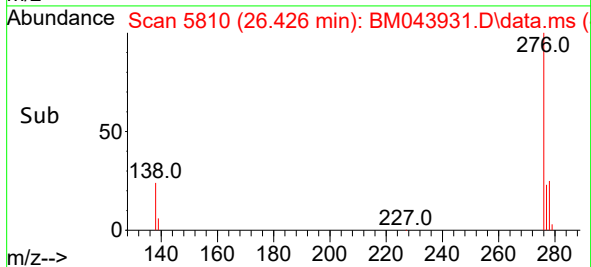
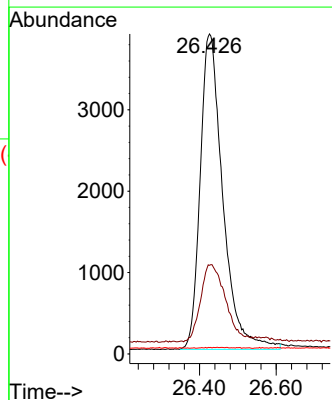
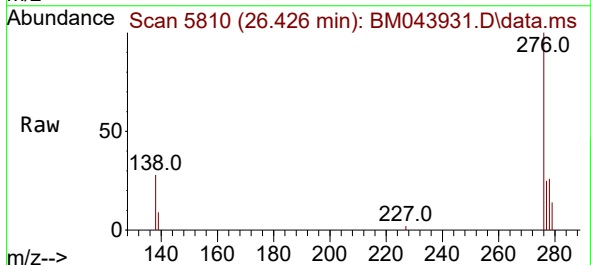
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

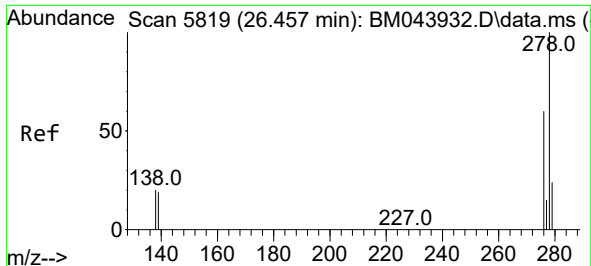
Tgt Ion:252 Resp: 12576
Ion Ratio Lower Upper
252 100
253 30.4 20.6 31.0
125 19.5 12.6 18.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.202 ng/ul
RT: 26.426 min Scan# 5810
Delta R.T. -0.001 min
Lab File: BM043931.D
Acq: 31 Jan 2024 12:20

Tgt Ion:276 Resp: 15881
Ion Ratio Lower Upper
276 100
138 28.2 22.2 33.2
227 0.0 0.0 0.0#

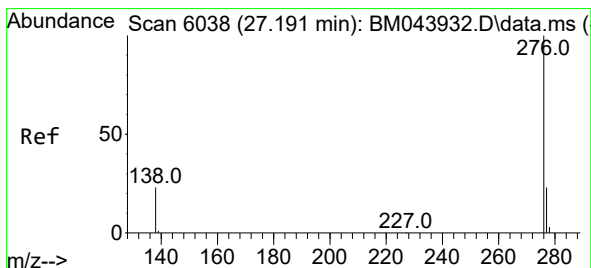
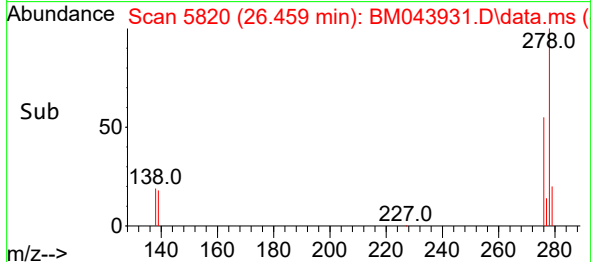
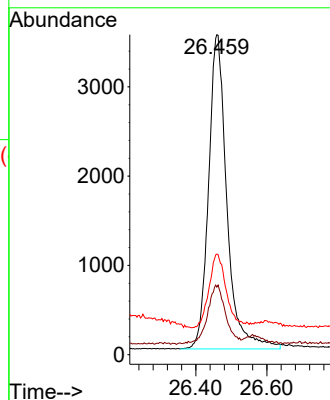
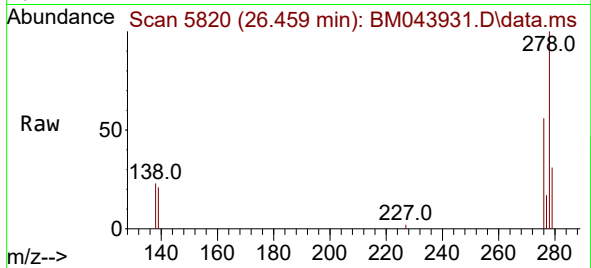




#28
Dibenzo(a,h)anthracene
Concen: 0.201 ng/ul
RT: 26.459 min Scan# 5819
Delta R.T. 0.002 min
Lab File: BM043931.D
Acq: 31 Jan 2024 12:20

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:278 Resp: 12567
Ion Ratio Lower Upper
278 100
139 21.1 16.2 24.2
279 31.5 21.7 32.5



#29
Benzo(g,h,i)perylene
Concen: 0.205 ng/ul
RT: 27.187 min Scan# 6037
Delta R.T. -0.004 min
Lab File: BM043931.D
Acq: 31 Jan 2024 12:20

Tgt Ion:276 Resp: 13908
Ion Ratio Lower Upper
276 100
138 27.5 20.2 30.2
277 25.9 19.0 28.4

