

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013124\
 Data File : BM043930.D
 Acq On : 31 Jan 2024 11:43
 Operator : MA/JU
 Sample : SSTD0.196
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.1001

Quant Time: Jan 31 22:44:29 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)

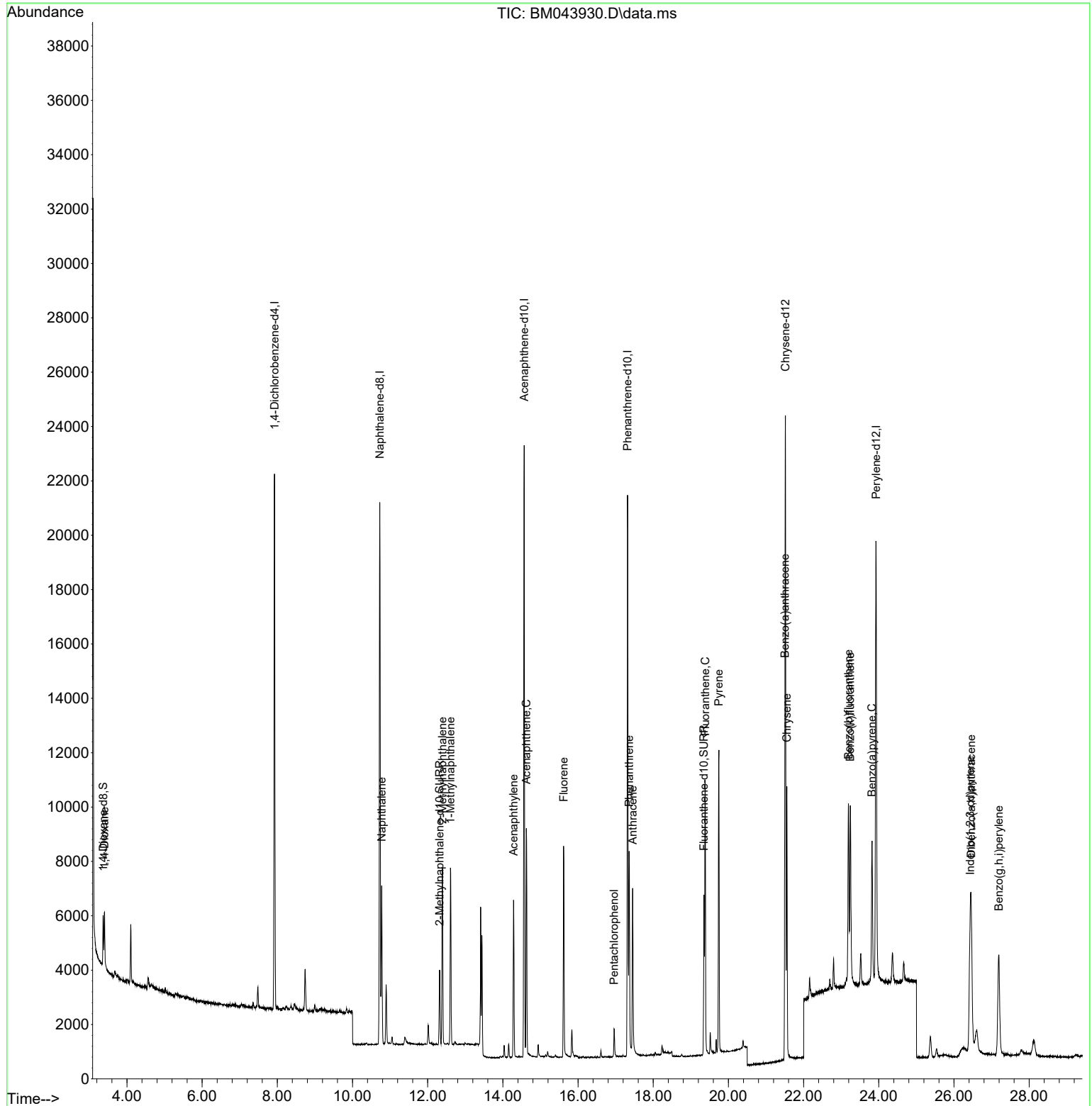
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	9774	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	26614	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.567	164	12355	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.318	188	25981	0.400	ng/ul	0.00
17) Chrysene-d12	21.516	240	19425	0.400	ng/ul	0.00
23) Perylene-d12	23.928	264	23370	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	1301	0.103	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	3563	0.102	ng/ul	0.00
18) Fluoranthene-d10	19.350	212	6224	0.102	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.403	88	1509	0.114	ng/ul#	72
5) Naphthalene	10.776	128	7855	0.103	ng/ul	98
7) 2-Methylnaphthalene	12.393	142	4635	0.102	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	4645	0.103	ng/ul	100
10) Acenaphthylene	14.284	152	6841	0.102	ng/ul	96
11) Acenaphthene	14.627	153	4714	0.102	ng/ul	99
12) Fluorene	15.617	166	5134	0.101	ng/ul	99
14) Pentachlorophenol	16.959	266	800	0.130	ng/ul	95
15) Phenanthrene	17.360	178	8018	0.101	ng/ul	96
16) Anthracene	17.453	178	7693	0.102	ng/ul	96
19) Fluoranthene	19.383	202	9149	0.102	ng/ul	97
20) Pyrene	19.745	202	9714	0.106	ng/ul	97
21) Benzo(a)anthracene	21.502	228	8305	0.102	ng/ul	98
22) Chrysene	21.554	228	8906	0.105	ng/ul	99
24) Benzo(b)fluoranthene	23.194	252	8740	0.098	ng/ul	86
25) Benzo(k)fluoranthene	23.241	252	9282	0.098	ng/ul#	84
26) Benzo(a)pyrene	23.820	252	8152	0.100	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.429	276	10531	0.100	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.459	278	8435	0.101	ng/ul#	85
29) Benzo(g,h,i)perylene	27.194	276	8971	0.099	ng/ul	93

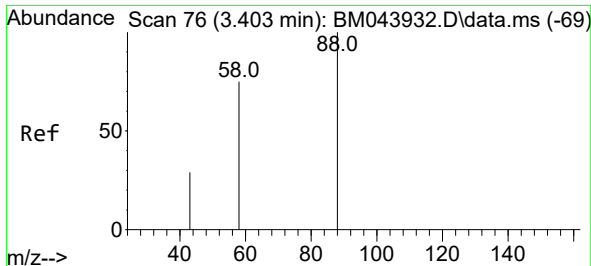
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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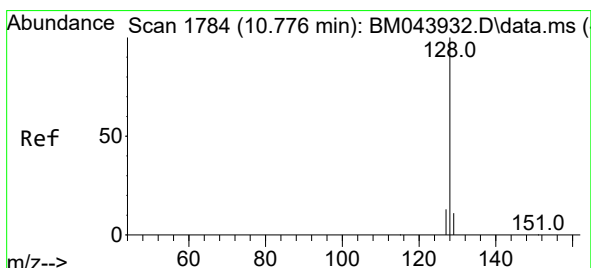
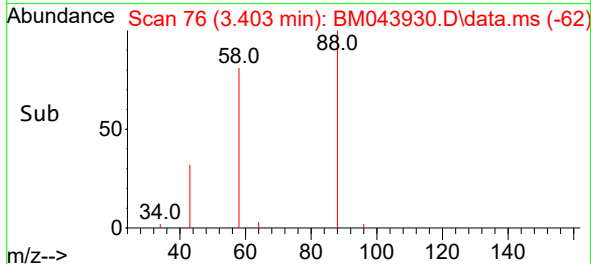
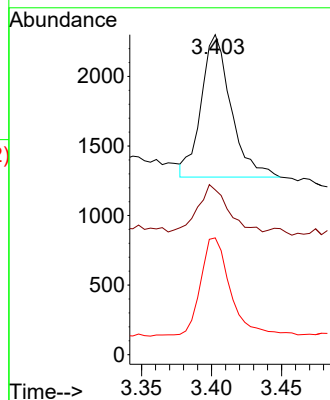
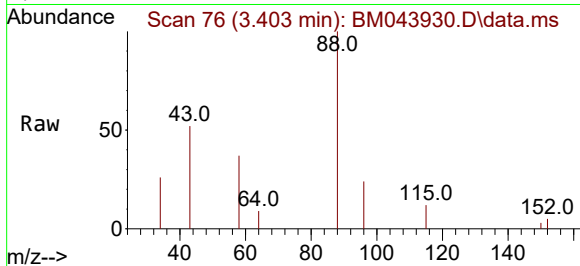




#2
1,4-Dioxane
Concen: 0.114 ng/ul
RT: 3.403 min Scan# 76
Delta R.T. -0.000 min
Lab File: BM043930.D
Acq: 31 Jan 2024 11:43

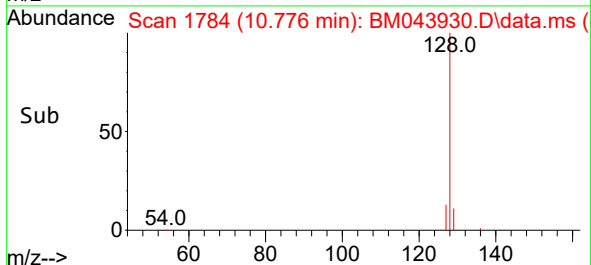
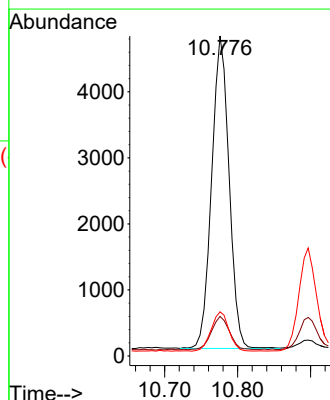
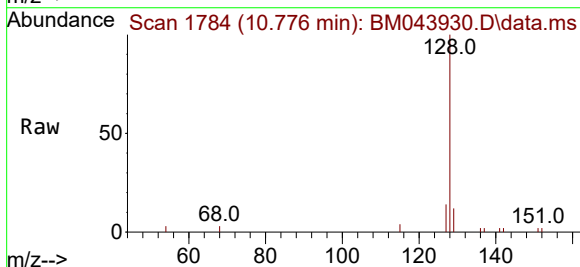
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

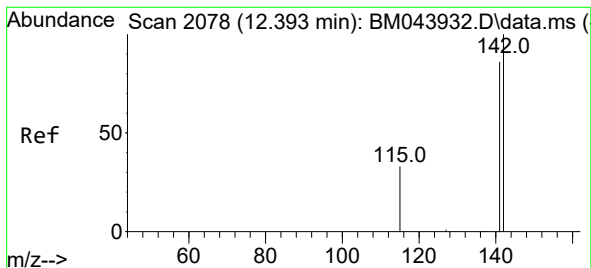
Tgt Ion: 88 Resp: 1509
Ion Ratio Lower Upper
88 100
43 51.5 27.1 40.7#
58 36.5 44.6 67.0#



#5
Naphthalene
Concen: 0.103 ng/ul
RT: 10.776 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BM043930.D
Acq: 31 Jan 2024 11:43

Tgt Ion: 128 Resp: 7855
Ion Ratio Lower Upper
128 100
129 12.4 9.1 13.7
127 13.8 10.3 15.5

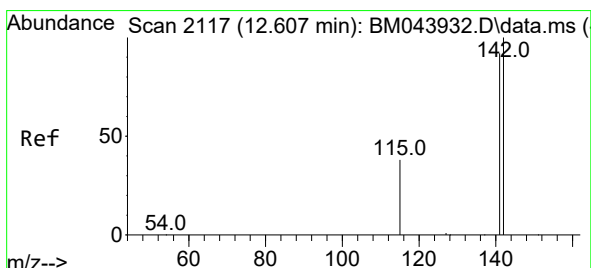
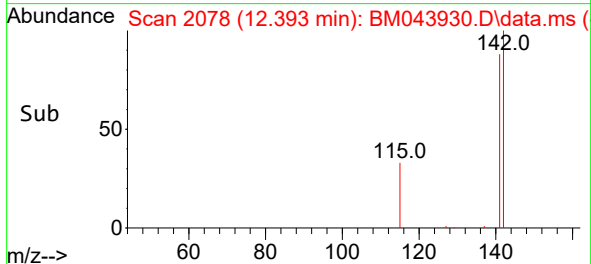
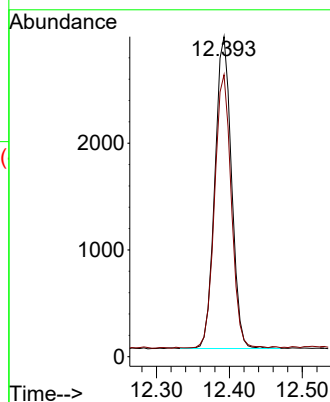
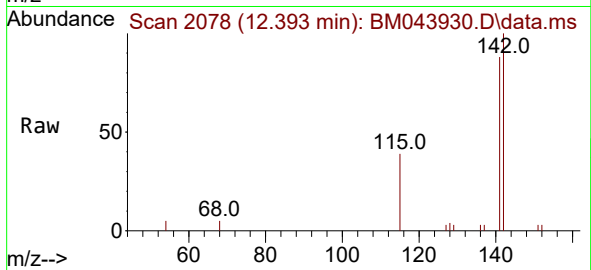




#7
2-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 12.393 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BM043930.D
Acq: 31 Jan 2024 11:43

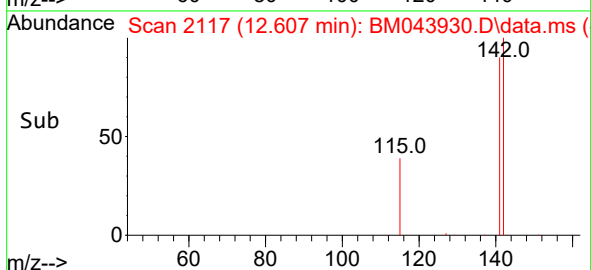
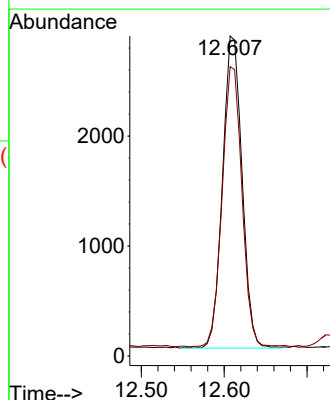
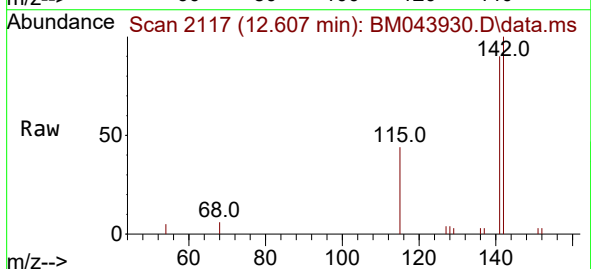
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

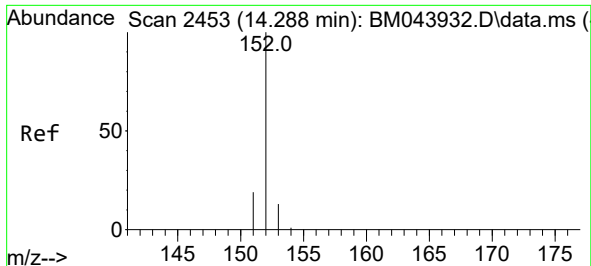
Tgt Ion:142 Resp: 4635
Ion Ratio Lower Upper
142 100
141 87.8 70.2 105.4



#8
1-Methylnaphthalene
Concen: 0.103 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM043930.D
Acq: 31 Jan 2024 11:43

Tgt Ion:142 Resp: 4645
Ion Ratio Lower Upper
142 100
141 90.8 72.9 109.3

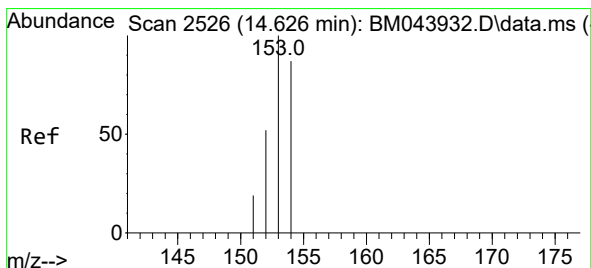
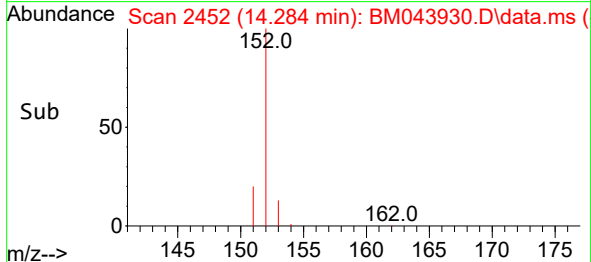
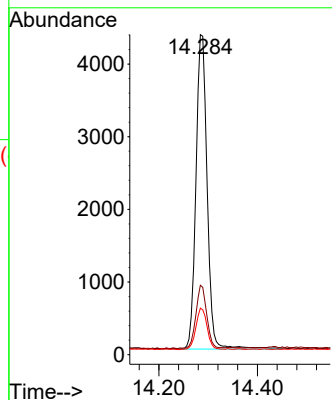
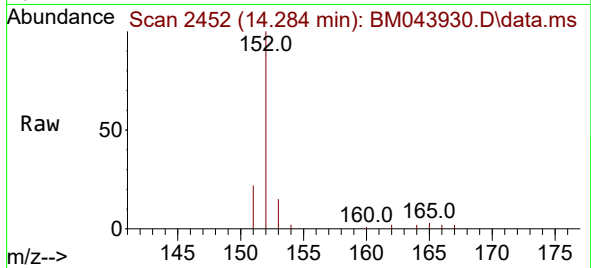




#10
Acenaphthylene
Concen: 0.102 ng/ul
RT: 14.284 min Scan# 2453
Delta R.T. -0.004 min
Lab File: BM043930.D
Acq: 31 Jan 2024 11:43

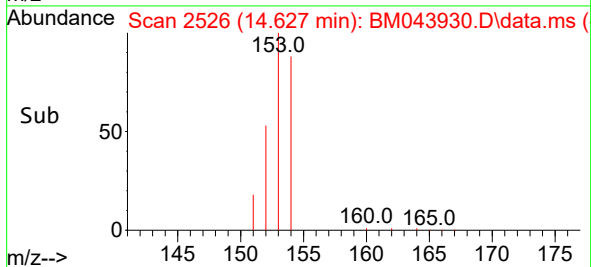
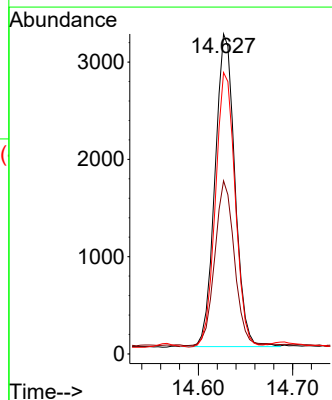
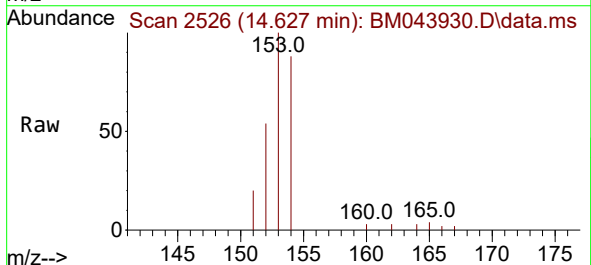
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

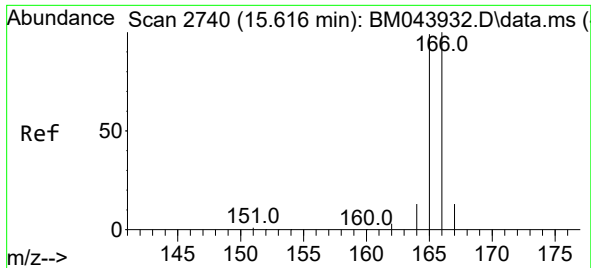
Tgt Ion:152 Resp: 6841
Ion Ratio Lower Upper
152 100
151 21.7 15.6 23.4
153 14.6 10.9 16.3



#11
Acenaphthene
Concen: 0.102 ng/ul
RT: 14.627 min Scan# 2526
Delta R.T. 0.001 min
Lab File: BM043930.D
Acq: 31 Jan 2024 11:43

Tgt Ion:153 Resp: 4714
Ion Ratio Lower Upper
153 100
152 54.1 41.8 62.8
154 87.9 69.8 104.8

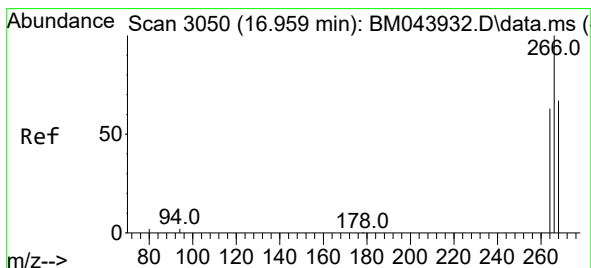
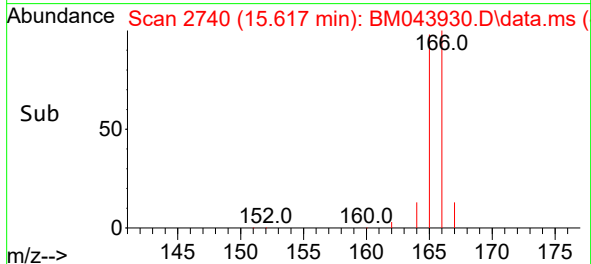
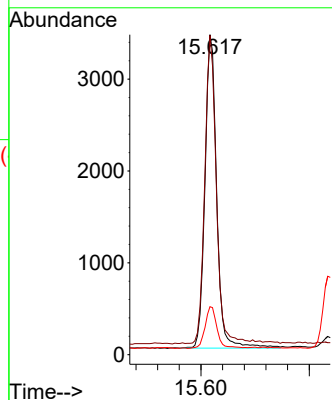
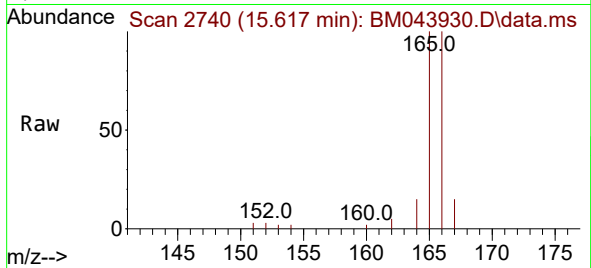




#12
 Fluorene
 Concen: 0.101 ng/ul
 RT: 15.617 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BM043930.D
 Acq: 31 Jan 2024 11:43

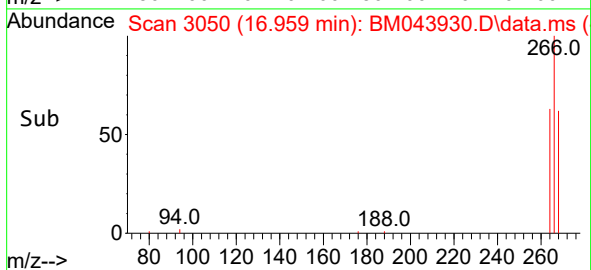
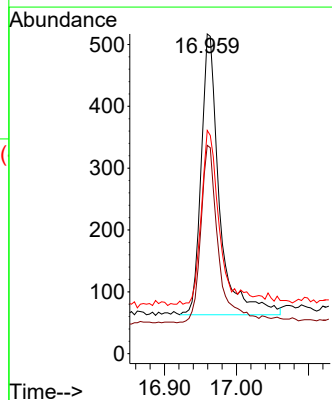
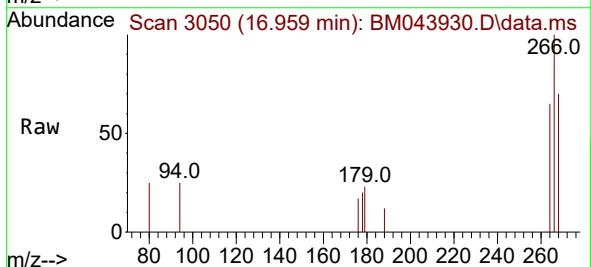
Instrument :
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 ClientSampleId :
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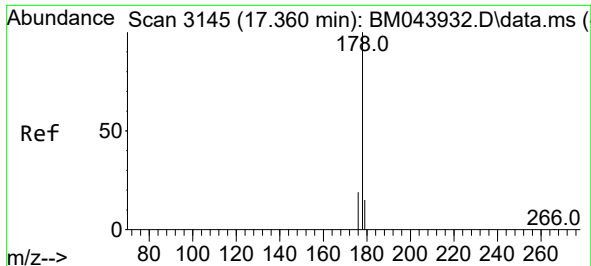
Tgt Ion:166 Resp: 5134
 Ion Ratio Lower Upper
 166 100
 165 99.8 79.5 119.3
 167 15.0 10.9 16.3



#14
 Pentachlorophenol
 Concen: 0.130 ng/ul
 RT: 16.959 min Scan# 3050
 Delta R.T. 0.001 min
 Lab File: BM043930.D
 Acq: 31 Jan 2024 11:43

Tgt Ion:266 Resp: 800
 Ion Ratio Lower Upper
 266 100
 264 60.4 51.3 76.9
 268 64.0 54.7 82.1

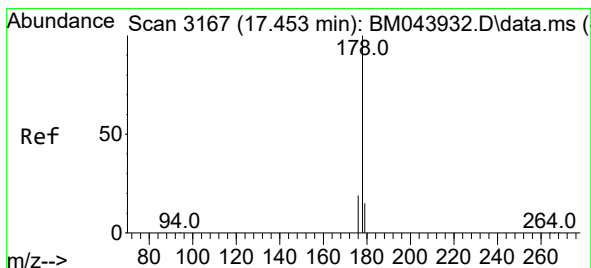
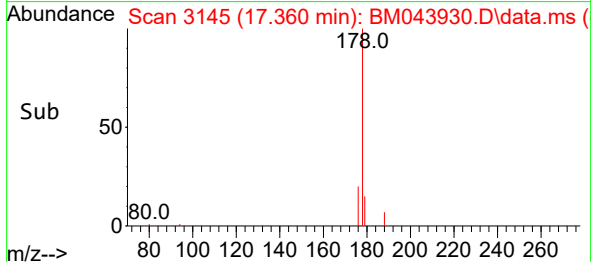
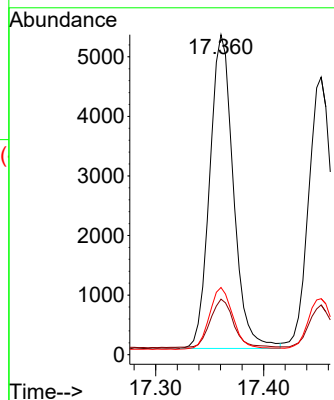
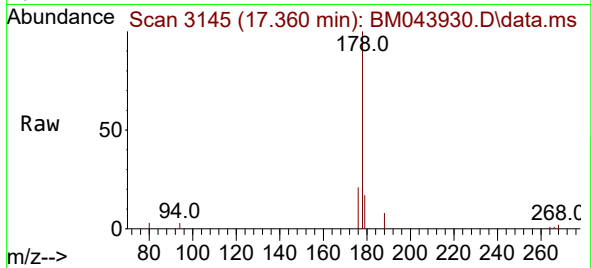




#15
Phenanthrene
Concen: 0.101 ng/ul
RT: 17.360 min Scan# 3145
Delta R.T. 0.001 min
Lab File: BM043930.D
Acq: 31 Jan 2024 11:43

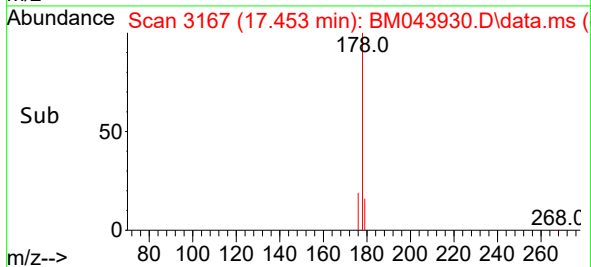
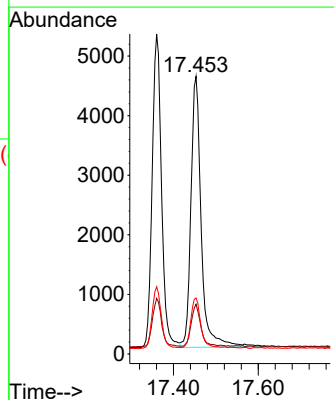
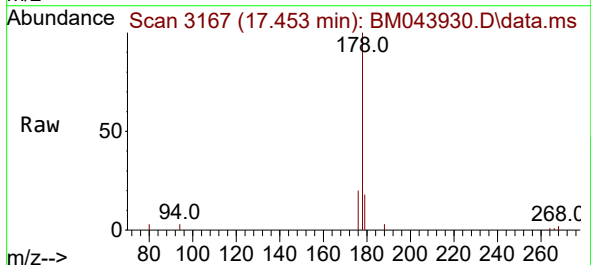
Instrument :
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ClientSampleId :
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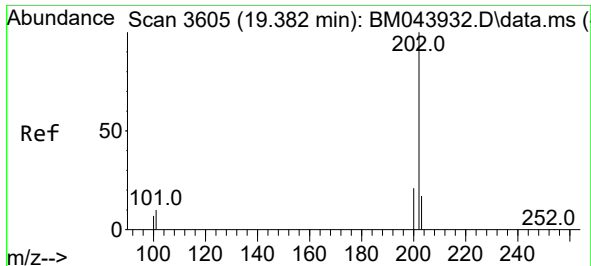
Tgt Ion:178 Resp: 8018
Ion Ratio Lower Upper
178 100
179 17.4 12.5 18.7
176 21.0 15.6 23.4



#16
Anthracene
Concen: 0.102 ng/ul
RT: 17.453 min Scan# 3167
Delta R.T. 0.001 min
Lab File: BM043930.D
Acq: 31 Jan 2024 11:43

Tgt Ion:178 Resp: 7693
Ion Ratio Lower Upper
178 100
179 17.9 12.6 18.8
176 20.2 15.4 23.0

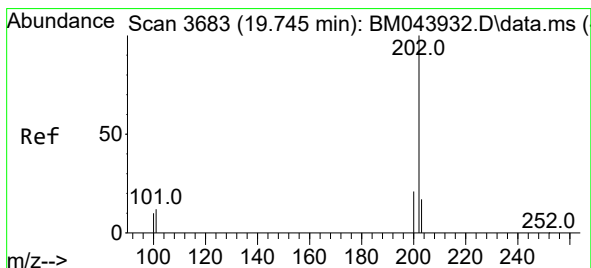
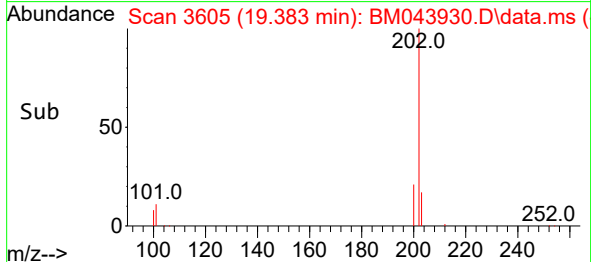
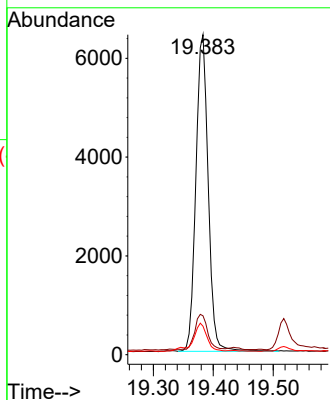
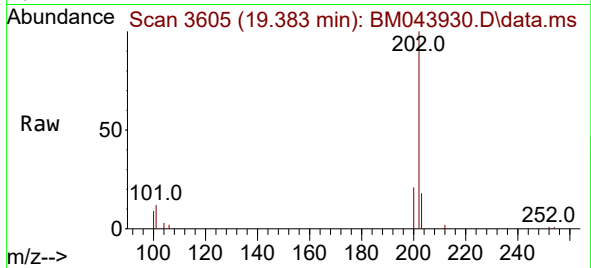




#19
Fluoranthene
Concen: 0.102 ng/ul
RT: 19.383 min Scan# 3605
Delta R.T. 0.001 min
Lab File: BM043930.D
Acq: 31 Jan 2024 11:43

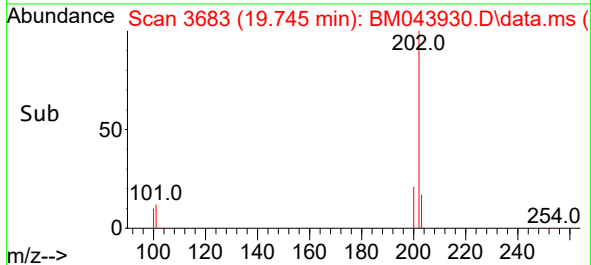
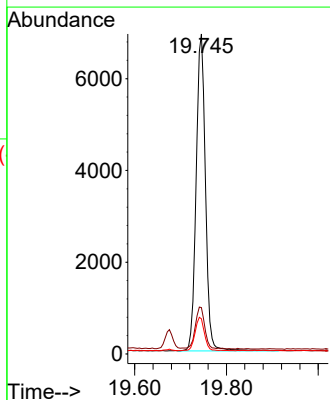
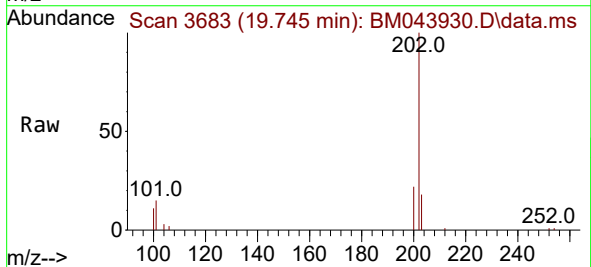
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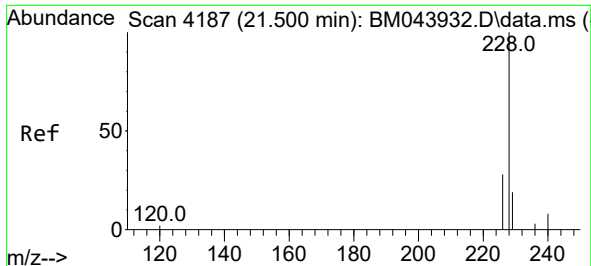
Tgt Ion:202 Resp: 9149
Ion Ratio Lower Upper
202 100
101 12.2 8.6 13.0
100 8.9 6.4 9.6



#20
Pyrene
Concen: 0.106 ng/ul
RT: 19.745 min Scan# 3683
Delta R.T. 0.001 min
Lab File: BM043930.D
Acq: 31 Jan 2024 11:43

Tgt Ion:202 Resp: 9714
Ion Ratio Lower Upper
202 100
101 14.5 10.3 15.5
100 11.0 8.1 12.1

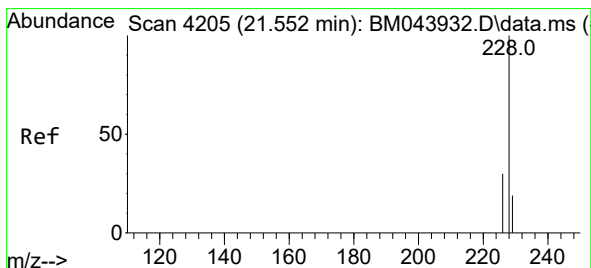
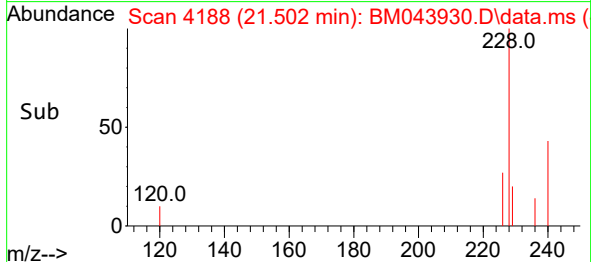
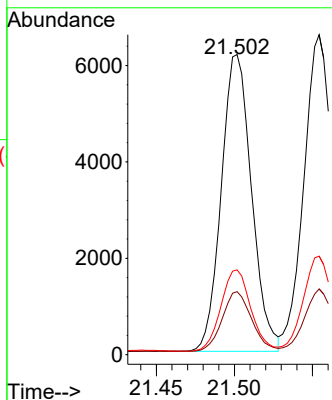
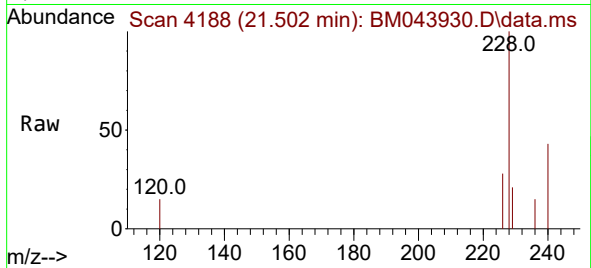




#21
Benzo(a)anthracene
Concen: 0.102 ng/ul
RT: 21.502 min Scan# 4188
Delta R.T. 0.002 min
Lab File: BM043930.D
Acq: 31 Jan 2024 11:43

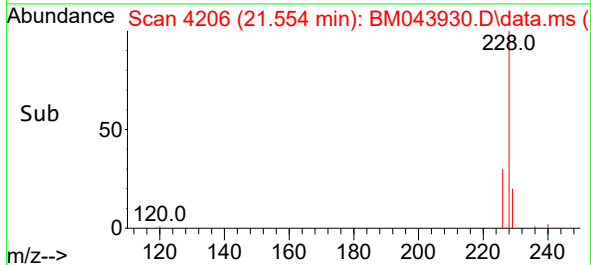
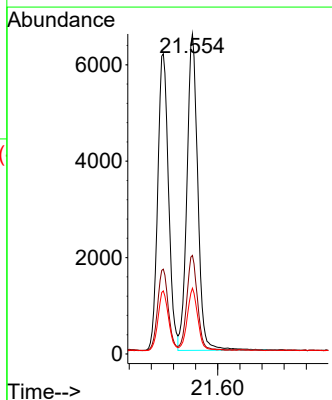
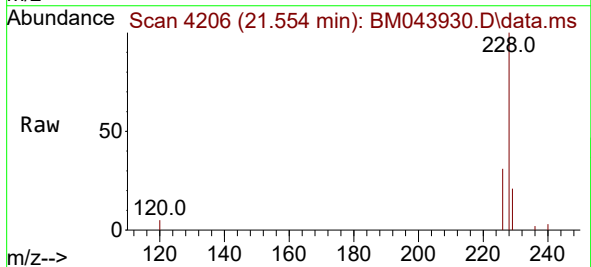
Instrument :
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SSTD0.1001

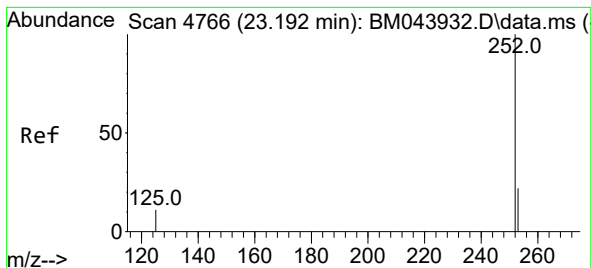
Tgt Ion:228 Resp: 8305
Ion Ratio Lower Upper
228 100
229 21.0 15.5 23.3
226 28.3 22.3 33.5



#22
Chrysene
Concen: 0.105 ng/ul
RT: 21.554 min Scan# 4206
Delta R.T. 0.002 min
Lab File: BM043930.D
Acq: 31 Jan 2024 11:43

Tgt Ion:228 Resp: 8906
Ion Ratio Lower Upper
228 100
226 30.8 24.4 36.6
229 20.6 15.5 23.3





#24

Benzo(b)fluoranthene

Concen: 0.098 ng/ul

RT: 23.194 min Scan# 4766

Delta R.T. 0.002 min

Lab File: BM043930.D

Acq: 31 Jan 2024 11:43

Instrument :

BNA_M

ClientSampleId :

SSTD0.1001

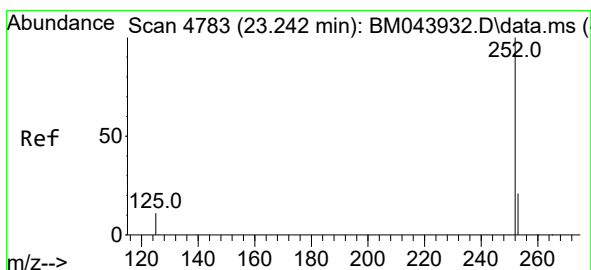
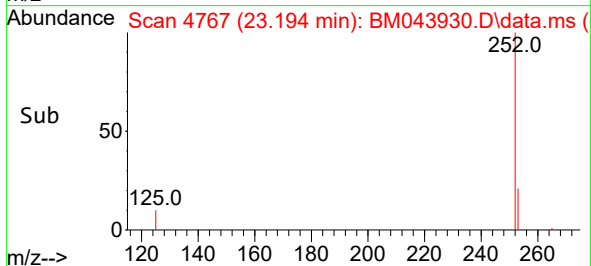
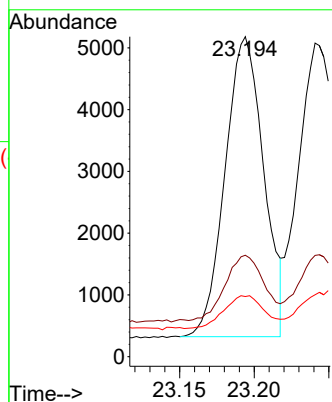
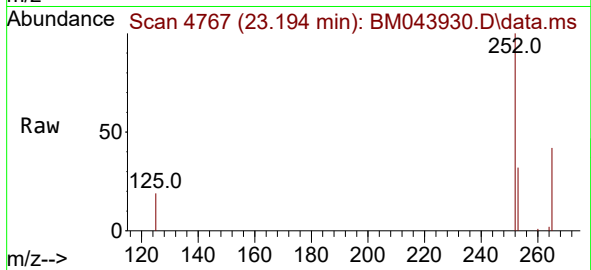
Tgt Ion:252 Resp: 8740

Ion Ratio Lower Upper

252 100

253 31.7 0.0 50.0

125 18.8 0.0 26.4



#25

Benzo(k)fluoranthene

Concen: 0.098 ng/ul

RT: 23.241 min Scan# 4783

Delta R.T. -0.001 min

Lab File: BM043930.D

Acq: 31 Jan 2024 11:43

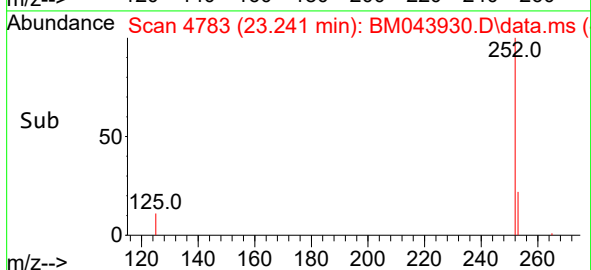
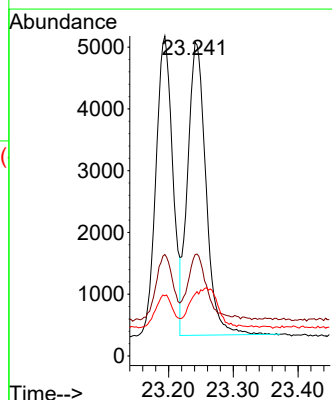
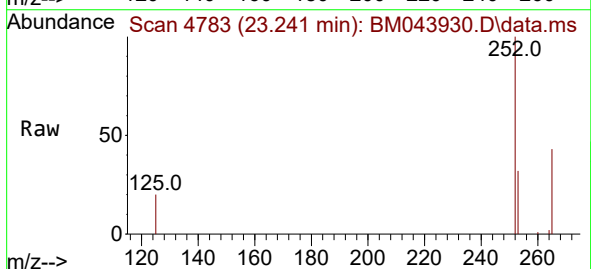
Tgt Ion:252 Resp: 9282

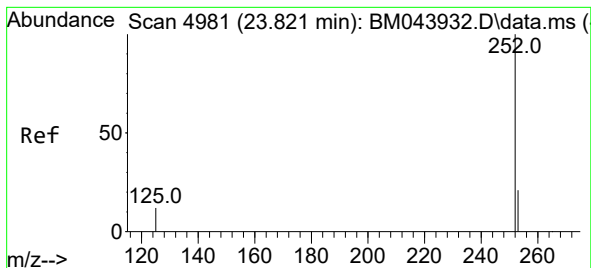
Ion Ratio Lower Upper

252 100

253 32.3 19.7 29.5#

125 19.8 10.6 16.0#





#26

Benzo(a)pyrene

Concen: 0.100 ng/ul

RT: 23.820 min Scan# 4981

Delta R.T. -0.001 min

Lab File: BM043930.D

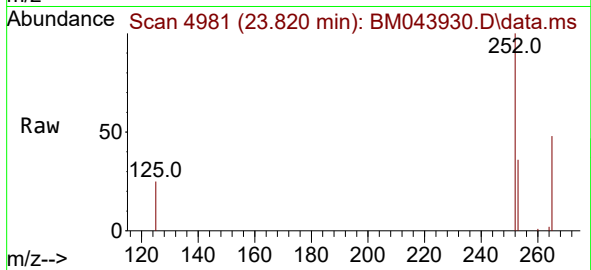
Acq: 31 Jan 2024 11:43

Instrument :

BNA_M

ClientSampleId :

SSTD0.1001



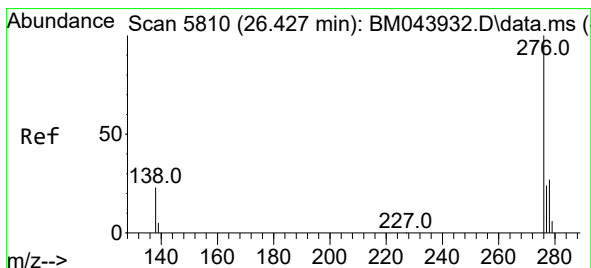
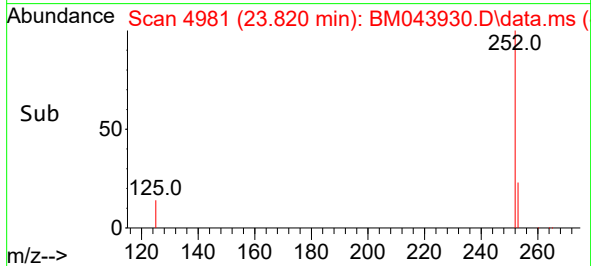
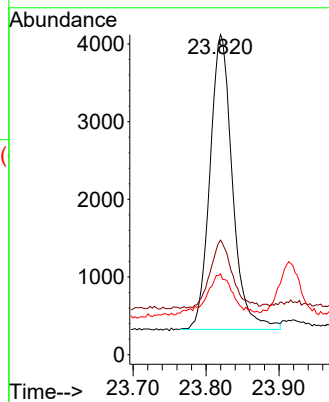
Tgt Ion:252 Resp: 8152

Ion Ratio Lower Upper

252 100

253 35.8 20.6 31.0#

125 25.2 12.6 18.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.100 ng/ul

RT: 26.429 min Scan# 5811

Delta R.T. 0.002 min

Lab File: BM043930.D

Acq: 31 Jan 2024 11:43

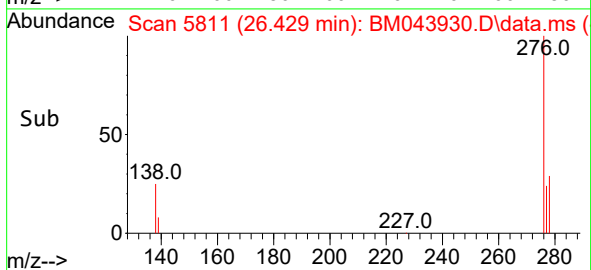
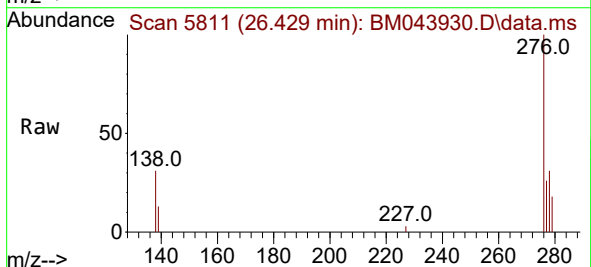
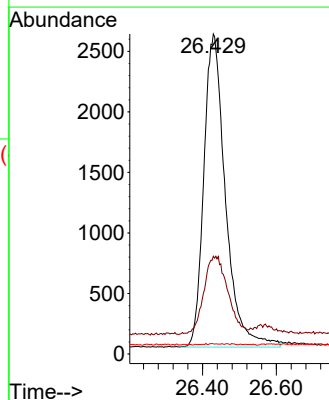
Tgt Ion:276 Resp: 10531

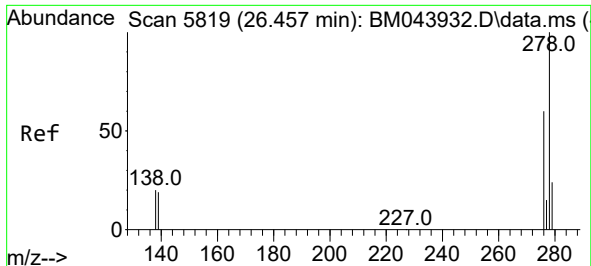
Ion Ratio Lower Upper

276 100

138 26.6 22.2 33.2

227 0.2 0.0 0.0#

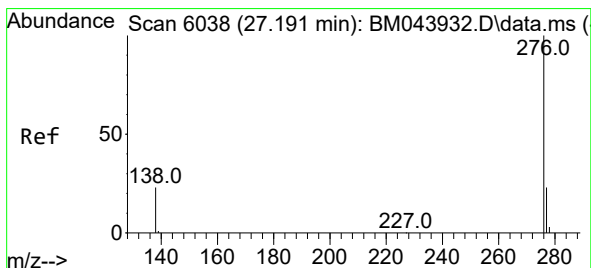
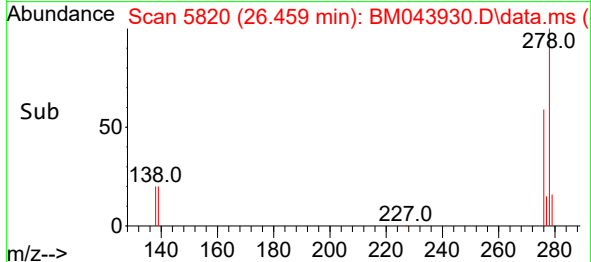
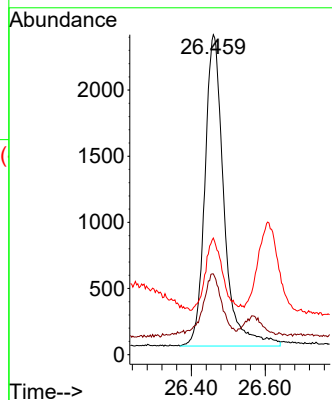
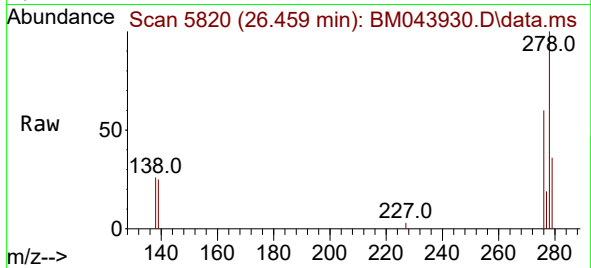




#28
Dibenzo(a,h)anthracene
Concen: 0.101 ng/ul
RT: 26.459 min Scan# 5819
Delta R.T. 0.002 min
Lab File: BM043930.D
Acq: 31 Jan 2024 11:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

Tgt Ion:278 Resp: 8435
Ion Ratio Lower Upper
278 100
139 25.2 16.2 24.2#
279 36.5 21.7 32.5#



#29
Benzo(g,h,i)perylene
Concen: 0.099 ng/ul
RT: 27.194 min Scan# 6039
Delta R.T. 0.002 min
Lab File: BM043930.D
Acq: 31 Jan 2024 11:43

Tgt Ion:276 Resp: 8971
Ion Ratio Lower Upper
276 100
138 29.4 20.2 30.2
277 26.7 19.0 28.4

