

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080724\
 Data File : BM047076.D
 Acq On : 08 Aug 2024 04:30
 Operator : RC/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV007

Quant Time: Aug 08 05:49:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM080724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 08 05:48:16 2024
 Response via : Initial Calibration

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

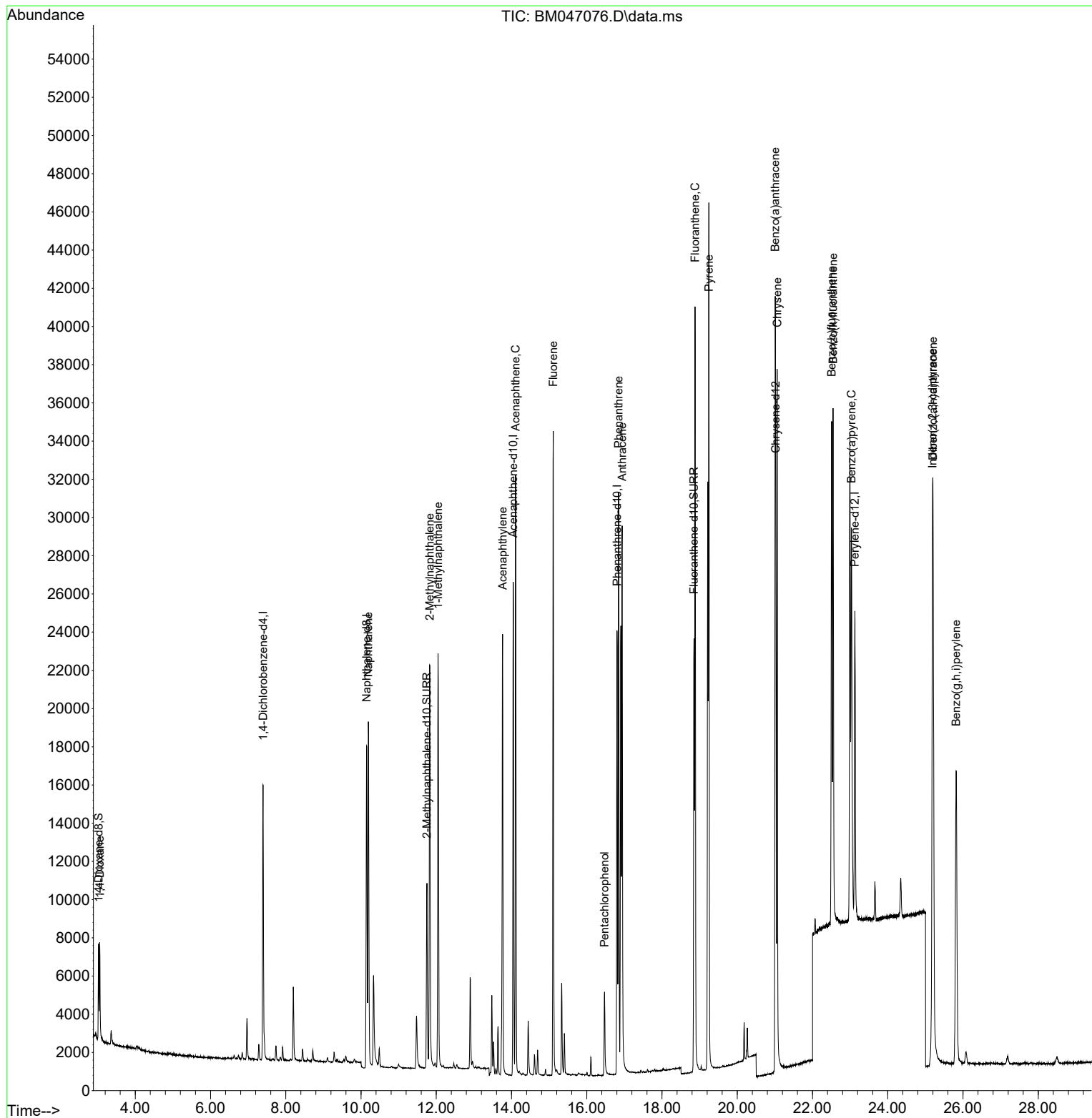
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.397	152	7465	0.400	ng/ul	0.00
4) Naphthalene-d8	10.151	136	23478	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.045	164	14027	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.805	188	27857	0.400	ng/ul	0.00
17) Chrysene-d12	21.024	240	21403	0.400	ng/ul	0.00
23) Perylene-d12	23.125	264	20528	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.026	96	3055	0.406	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.752	152	13803	0.394	ng/ul	0.00
18) Fluoranthene-d10	18.850	212	25263	0.408	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.055	88	3240	0.385	ng/ul	98
5) Naphthalene	10.195	128	25050	0.408	ng/ul	99
7) 2-Methylnaphthalene	11.829	142	16677	0.416	ng/ul	100
8) 1-Methylnaphthalene	12.048	142	15721	0.376	ng/ul	100
10) Acenaphthylene	13.763	152	26792	0.412	ng/ul	100
11) Acenaphthene	14.110	153	17657	0.399	ng/ul	99
12) Fluorene	15.109	166	20933	0.406	ng/ul	100
14) Pentachlorophenol	16.471	266	3314	0.373	ng/ul	94
15) Phenanthrene	16.847	178	32111	0.400	ng/ul	100
16) Anthracene	16.940	178	29858	0.417	ng/ul	99
19) Fluoranthene	18.878	202	34774	0.401	ng/ul	98
20) Pyrene	19.245	202	37101	0.409	ng/ul	99
21) Benzo(a)anthracene	21.010	228	30545	0.389	ng/ul	100
22) Chrysene	21.062	228	31865	0.382	ng/ul	100
24) Benzo(b)fluoranthene	22.508	252	30358	0.372	ng/ul	99
25) Benzo(k)fluoranthene	22.546	252	32727	0.384	ng/ul	97
26) Benzo(a)pyrene	23.035	252	27747	0.431	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.190	276	37766	0.386	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.203	278	29206	0.384	ng/ul	99
29) Benzo(g,h,i)perylene	25.817	276	31003	0.382	ng/ul	100

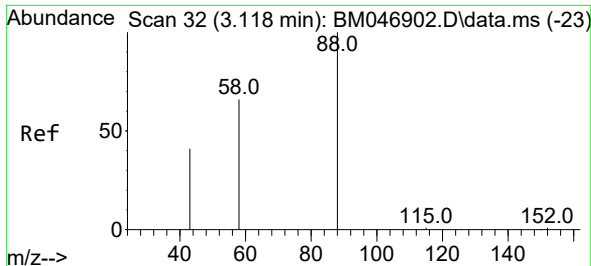
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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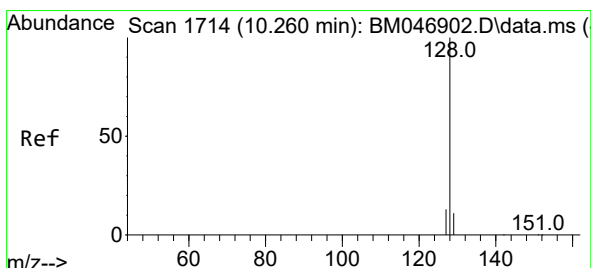
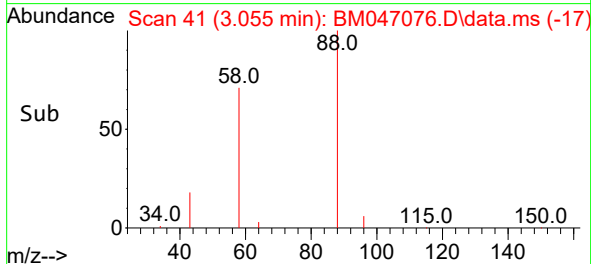
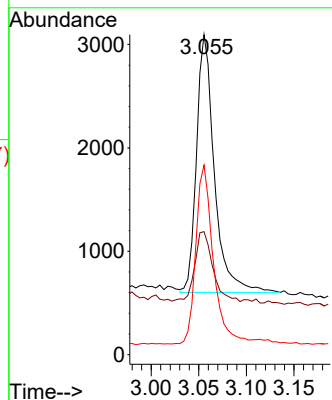
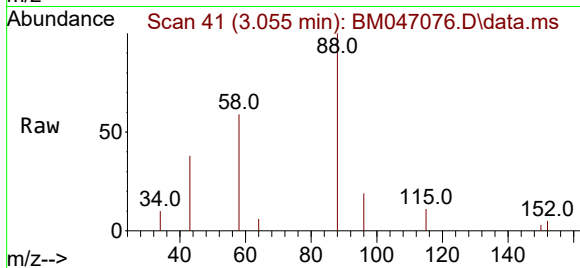




#2
1,4-Dioxane
Concen: 0.385 ng/ul
RT: 3.055 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM047076.D
Acq: 08 Aug 2024 04:30

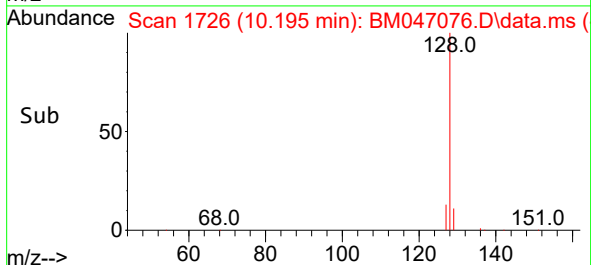
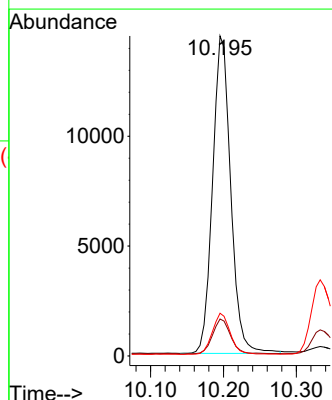
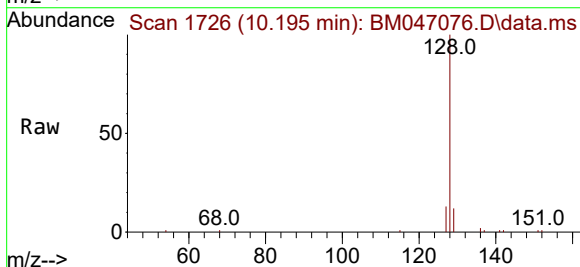
Instrument :
BNA_M
ClientSampleId :
SICV007

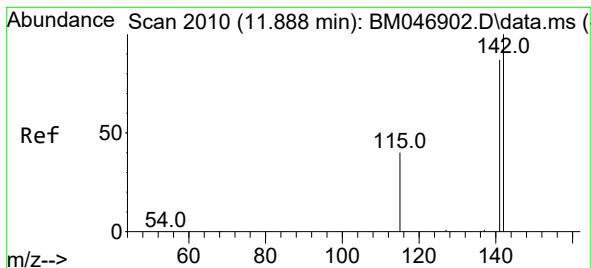
Tgt Ion: 88 Resp: 3240
Ion Ratio Lower Upper
88 100
43 38.4 32.0 48.0
58 59.3 48.1 72.1



#5
Naphthalene
Concen: 0.408 ng/ul
RT: 10.195 min Scan# 1726
Delta R.T. -0.005 min
Lab File: BM047076.D
Acq: 08 Aug 2024 04:30

Tgt Ion:128 Resp: 25050
Ion Ratio Lower Upper
128 100
129 11.6 8.9 13.3
127 13.3 10.6 15.8

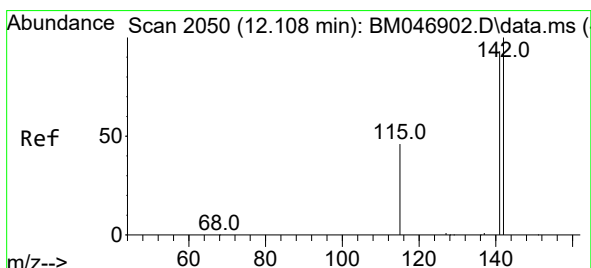
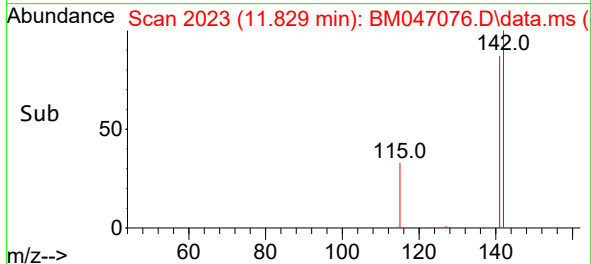
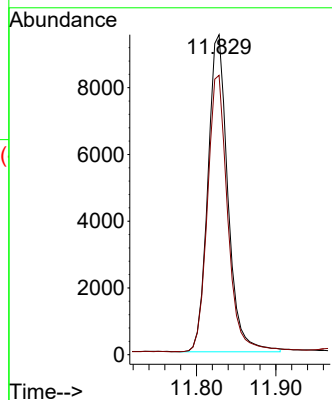
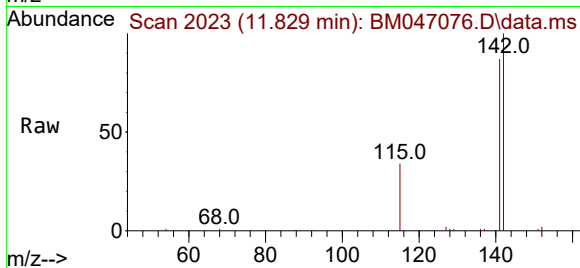




#7
2-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 11.829 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BM047076.D
Acq: 08 Aug 2024 04:30

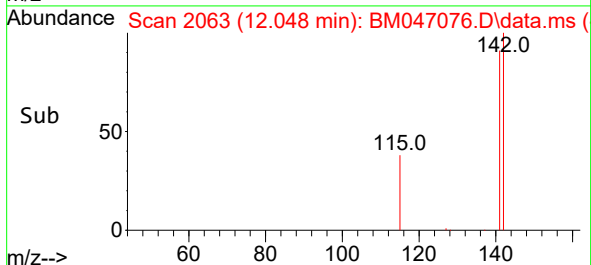
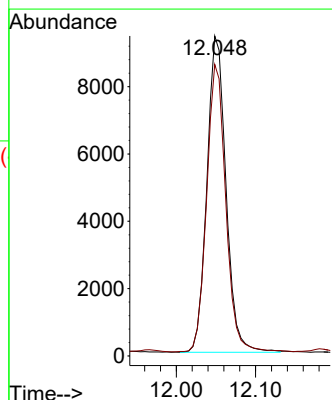
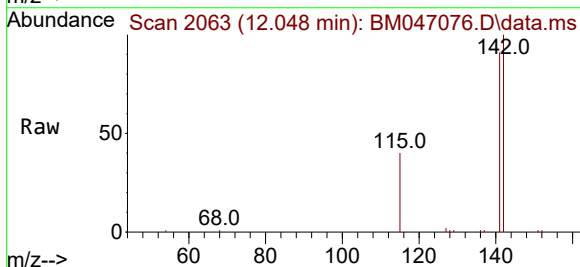
Instrument :
BNA_M
ClientSampleId :
SICV007

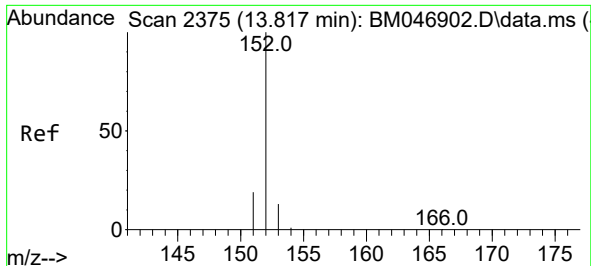
Tgt Ion:142 Resp: 16677
Ion Ratio Lower Upper
142 100
141 87.9 70.0 105.0



#8
1-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.048 min Scan# 2063
Delta R.T. -0.005 min
Lab File: BM047076.D
Acq: 08 Aug 2024 04:30

Tgt Ion:142 Resp: 15721
Ion Ratio Lower Upper
142 100
141 90.8 72.6 109.0

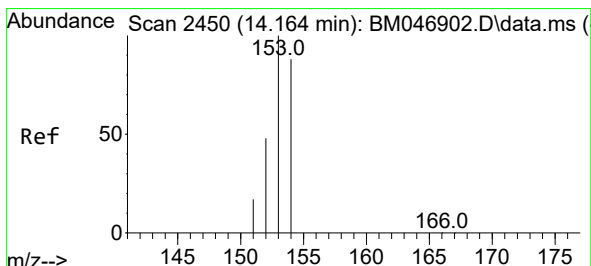
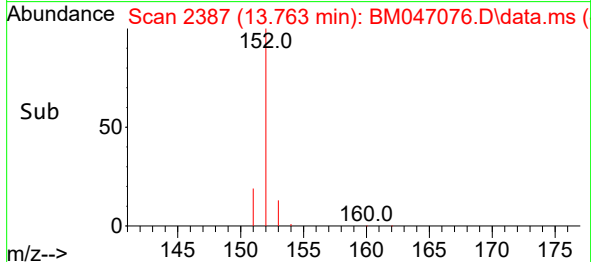
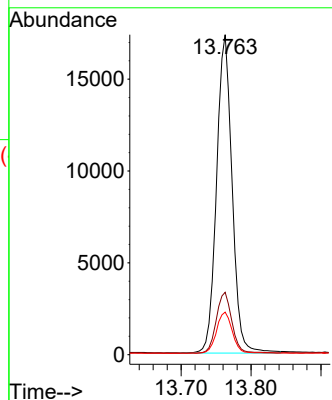
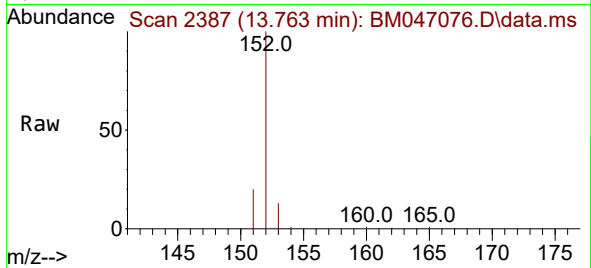




#10
Acenaphthylene
Concen: 0.412 ng/ul
RT: 13.763 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047076.D
Acq: 08 Aug 2024 04:30

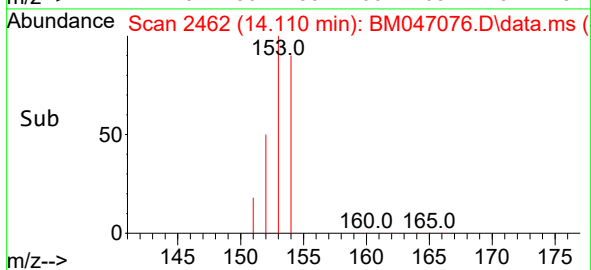
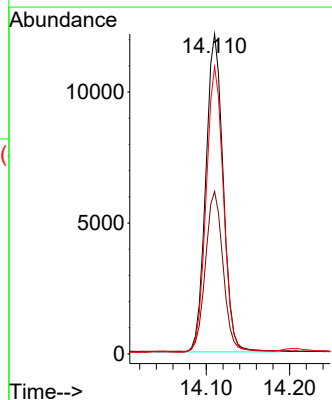
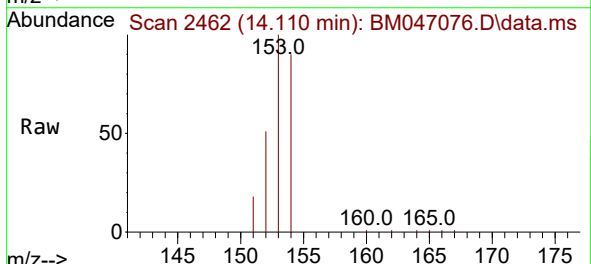
Instrument :
BNA_M
ClientSampleId :
SICV007

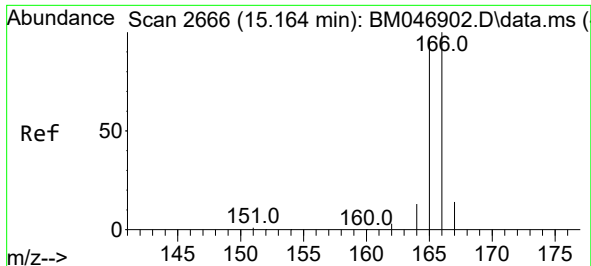
Tgt Ion:152 Resp: 26792
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.3 10.8 16.2



#11
Acenaphthene
Concen: 0.399 ng/ul
RT: 14.110 min Scan# 2462
Delta R.T. 0.000 min
Lab File: BM047076.D
Acq: 08 Aug 2024 04:30

Tgt Ion:153 Resp: 17657
Ion Ratio Lower Upper
153 100
152 50.8 41.6 62.4
154 89.8 71.1 106.7

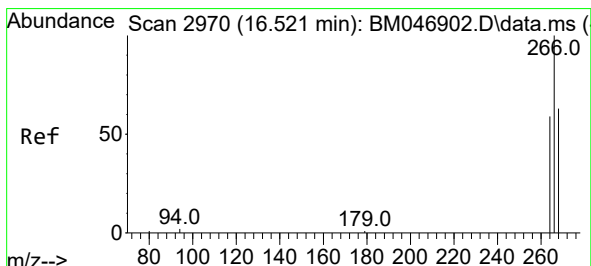
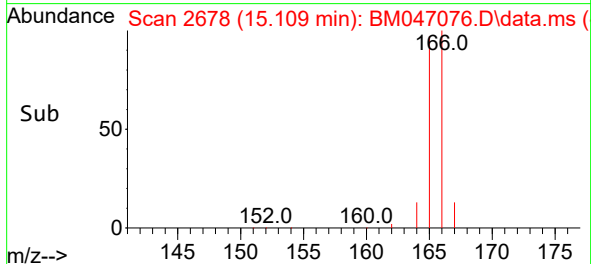
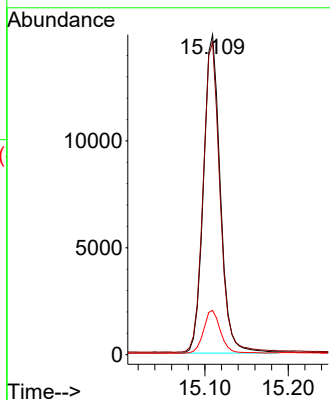
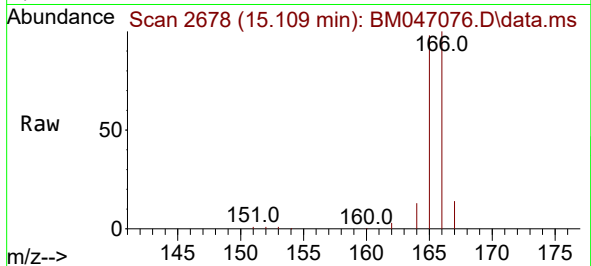




#12
Fluorene
Concen: 0.406 ng/ul
RT: 15.109 min Scan# 20933
Delta R.T. 0.000 min
Lab File: BM047076.D
Acq: 08 Aug 2024 04:30

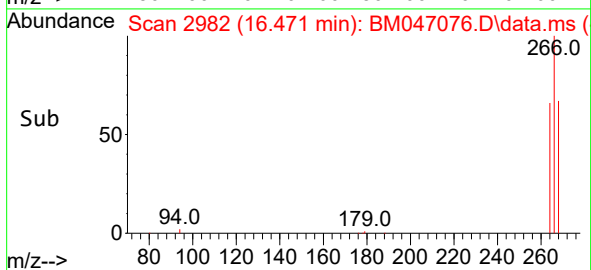
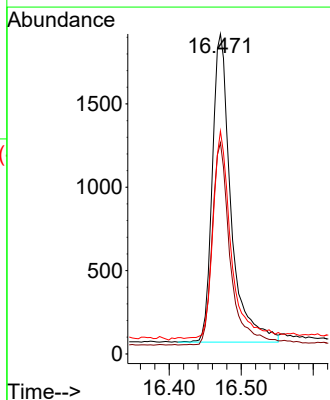
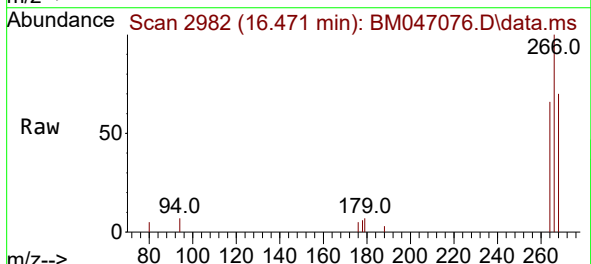
Instrument :
BNA_M
ClientSampleId :
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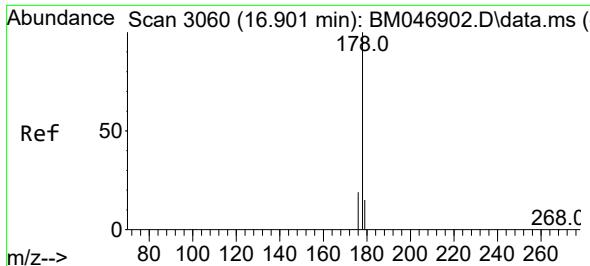
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.2	117.2
167	13.8	10.7	16.1



#14
Pentachlorophenol
Concen: 0.373 ng/ul
RT: 16.471 min Scan# 2982
Delta R.T. 0.000 min
Lab File: BM047076.D
Acq: 08 Aug 2024 04:30

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.4	47.2	70.8
268	64.8	48.2	72.4

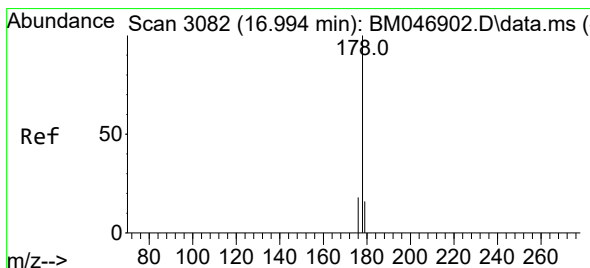
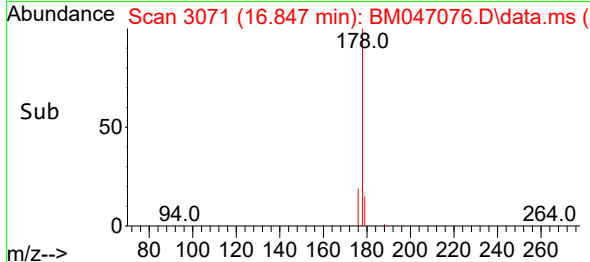
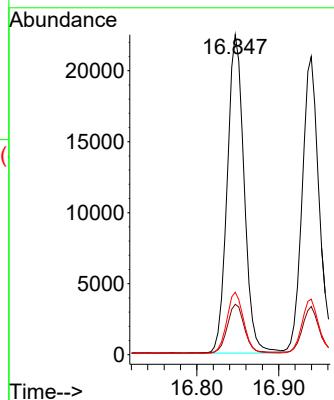
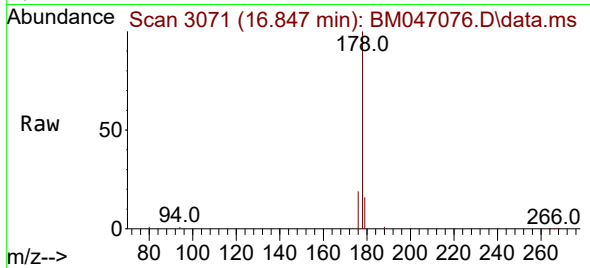




#15
Phenanthrene
Concen: 0.400 ng/ul
RT: 16.847 min Scan# 3060
Delta R.T. 0.000 min
Lab File: BM047076.D
Acq: 08 Aug 2024 04:30

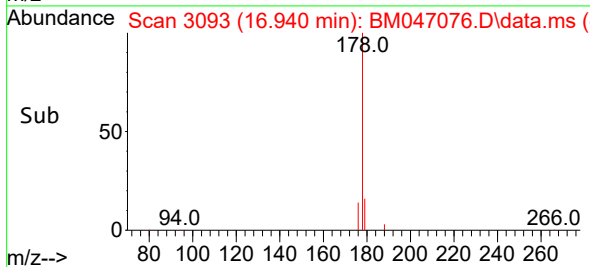
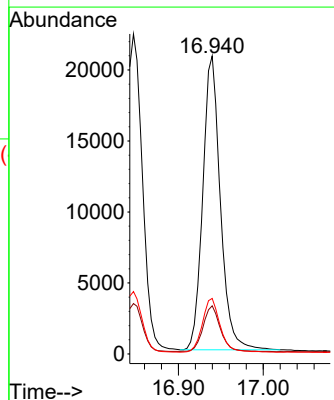
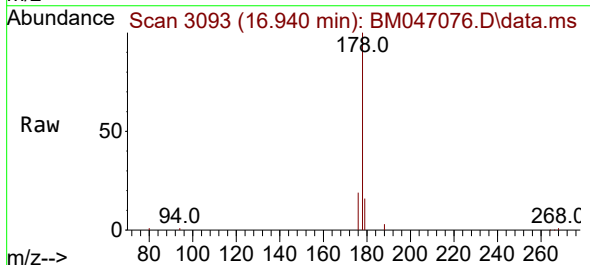
Instrument :
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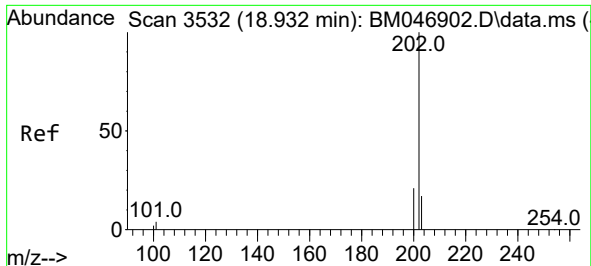
Tgt Ion:178 Resp: 32111
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 19.5 15.7 23.5



#16
Anthracene
Concen: 0.417 ng/ul
RT: 16.940 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BM047076.D
Acq: 08 Aug 2024 04:30

Tgt Ion:178 Resp: 29858
Ion Ratio Lower Upper
178 100
179 16.1 12.7 19.1
176 18.6 15.2 22.8

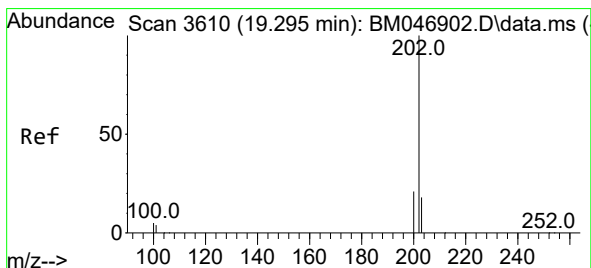
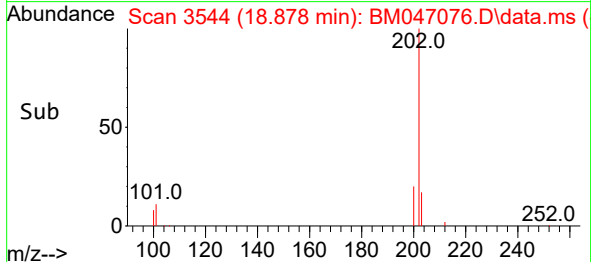
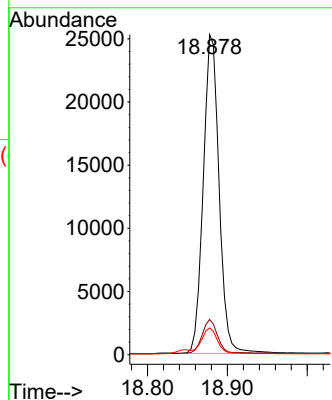
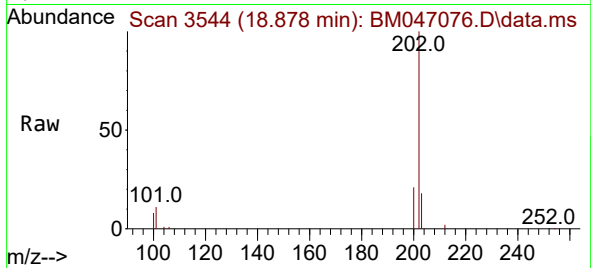




#19
Fluoranthene
Concen: 0.401 ng/u1
RT: 18.878 min Scan# 3544
Delta R.T. -0.004 min
Lab File: BM047076.D
Acq: 08 Aug 2024 04:30

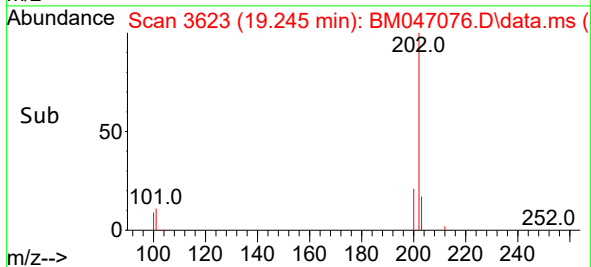
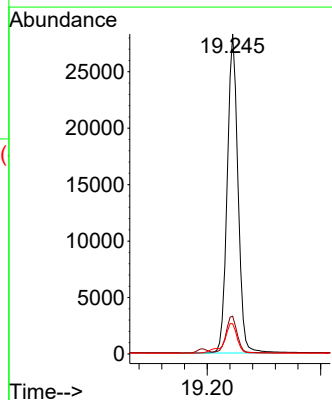
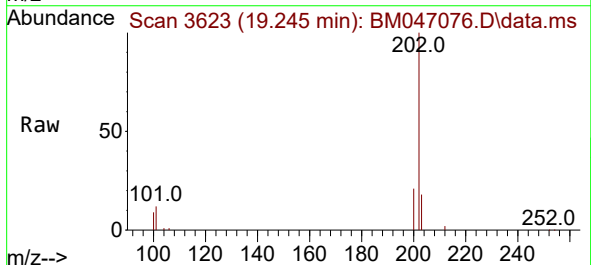
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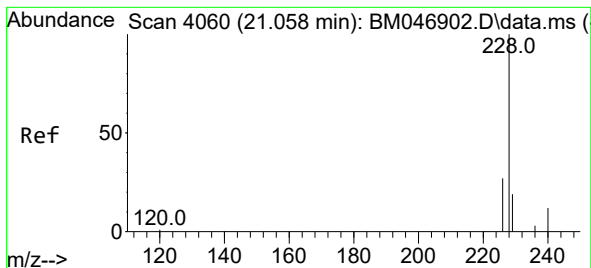
Tgt Ion:202 Resp: 34774
Ion Ratio Lower Upper
202 100
101 11.0 8.2 12.2
100 8.3 6.0 9.0



#20
Pyrene
Concen: 0.409 ng/u1
RT: 19.245 min Scan# 3623
Delta R.T. 0.000 min
Lab File: BM047076.D
Acq: 08 Aug 2024 04:30

Tgt Ion:202 Resp: 37101
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.8
100 9.5 8.0 12.0





#21

Benzo(a)anthracene

Concen: 0.389 ng/ul

RT: 21.010 min Scan# 4085

Delta R.T. 0.000 min

Lab File: BM047076.D

Acq: 08 Aug 2024 04:30

Instrument :

BNA_M

ClientSampleId :

SICV007

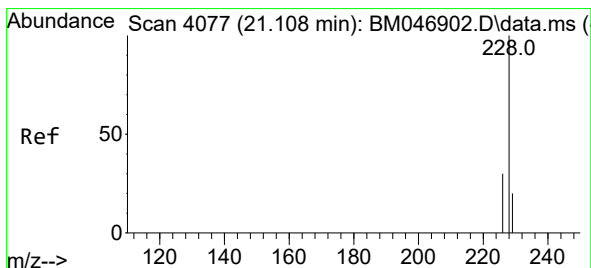
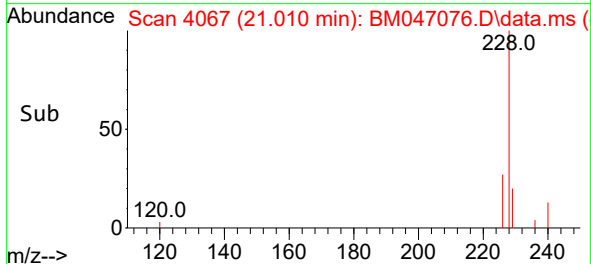
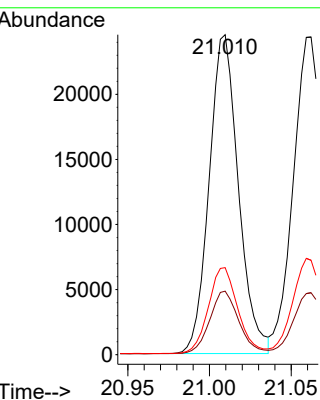
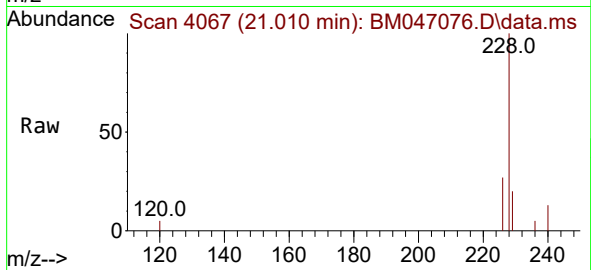
Tgt Ion:228 Resp: 30545

Ion Ratio Lower Upper

228 100

229 19.8 15.9 23.9

226 27.2 22.1 33.1



#22

Chrysene

Concen: 0.382 ng/ul

RT: 21.062 min Scan# 4085

Delta R.T. 0.000 min

Lab File: BM047076.D

Acq: 08 Aug 2024 04:30

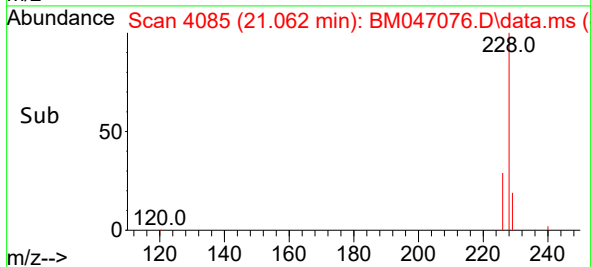
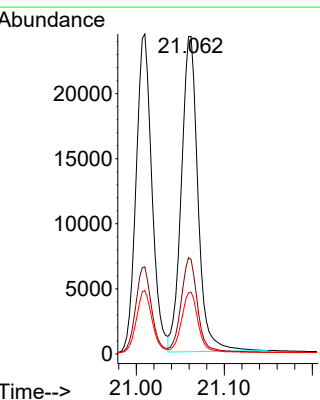
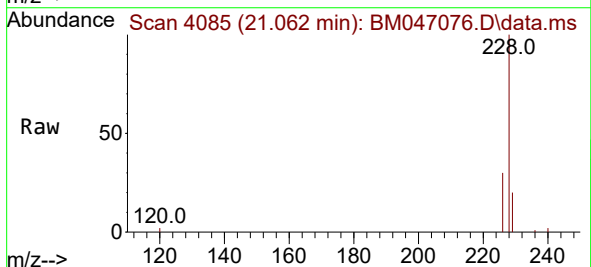
Tgt Ion:228 Resp: 31865

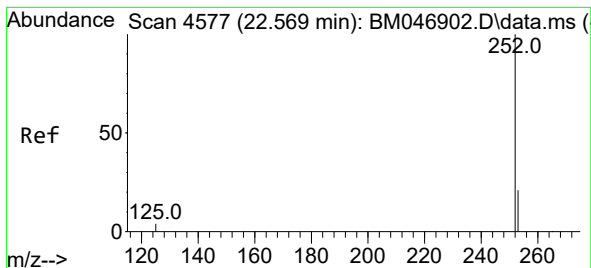
Ion Ratio Lower Upper

228 100

226 29.7 23.9 35.9

229 19.5 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.372 ng/ul

RT: 22.508 min Scan# 4580

Delta R.T. 0.003 min

Lab File: BM047076.D

Acq: 08 Aug 2024 04:30

Instrument :

BNA_M

ClientSampleId :

SICV007

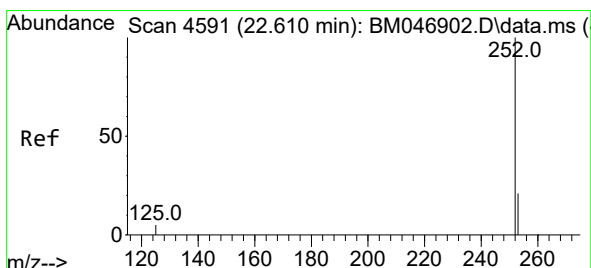
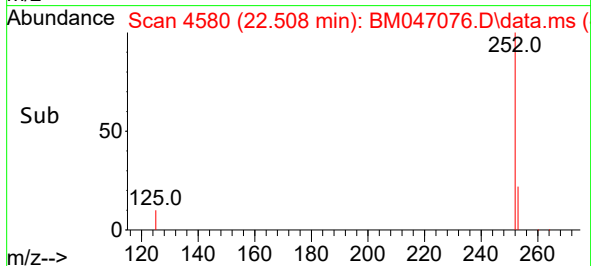
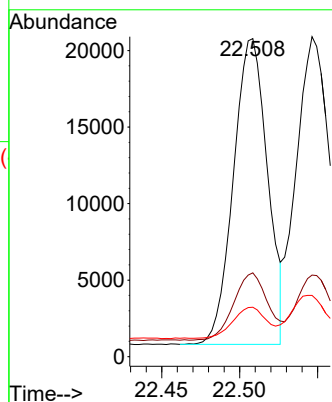
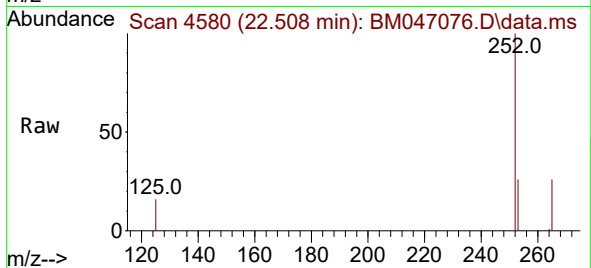
Tgt Ion:252 Resp: 30358

Ion Ratio Lower Upper

252 100

253 26.4 0.0 53.4

125 15.5 0.0 32.0



#25

Benzo(k)fluoranthene

Concen: 0.384 ng/ul

RT: 22.546 min Scan# 4593

Delta R.T. -0.003 min

Lab File: BM047076.D

Acq: 08 Aug 2024 04:30

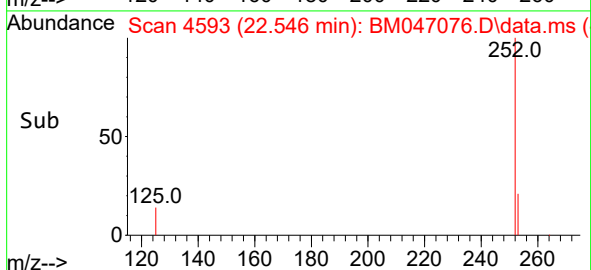
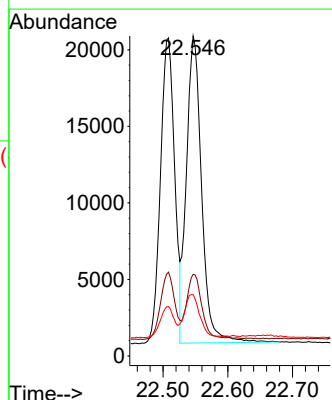
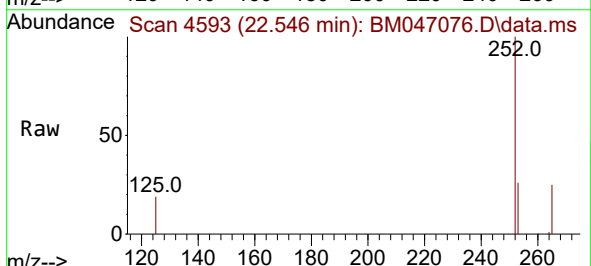
Tgt Ion:252 Resp: 32727

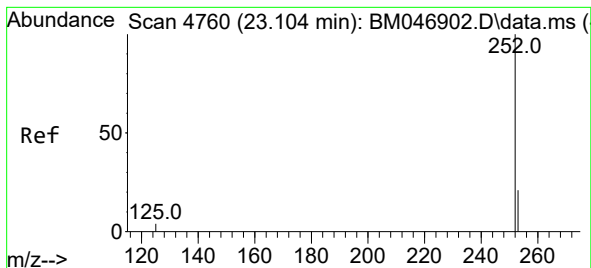
Ion Ratio Lower Upper

252 100

253 25.5 21.1 31.7

125 19.2 13.2 19.8





#26

Benzo(a)pyrene

Concen: 0.431 ng/ul

RT: 23.035 min Scan# 41

Delta R.T. 0.000 min

Lab File: BM047076.D

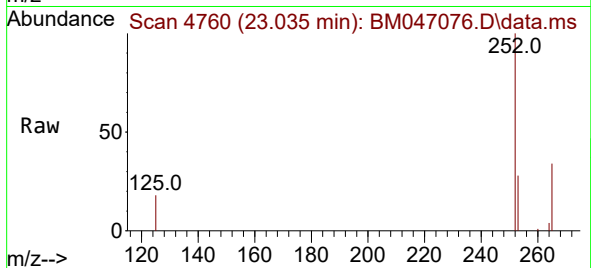
Acq: 08 Aug 2024 04:30

Instrument :

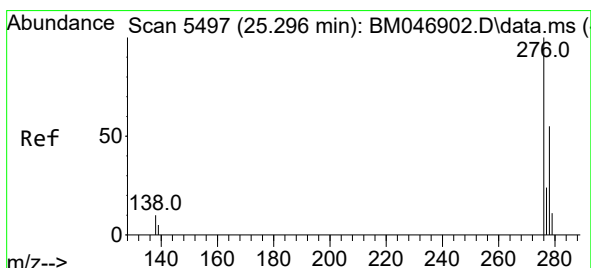
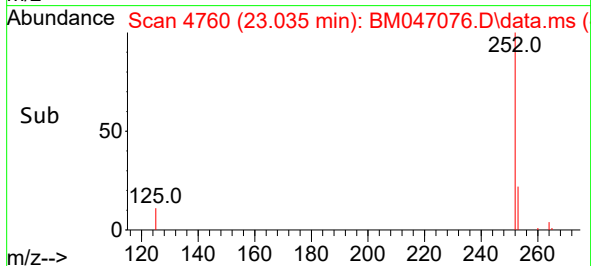
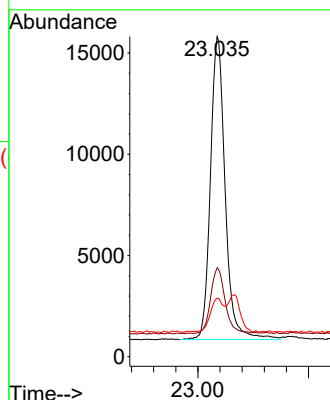
BNA_M

ClientSampleId :

SICV007



Tgt Ion:	252	Resp:	27747
Ion	Ratio	Lower	Upper
252	100		
253	27.8	23.6	35.4
125	18.3	15.8	23.6



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.386 ng/ul

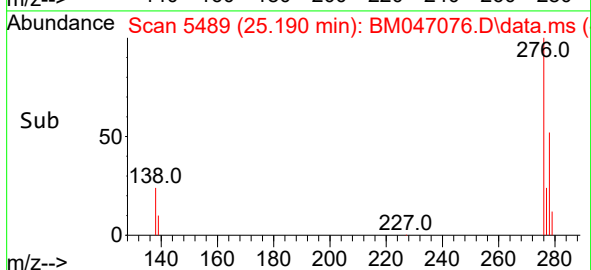
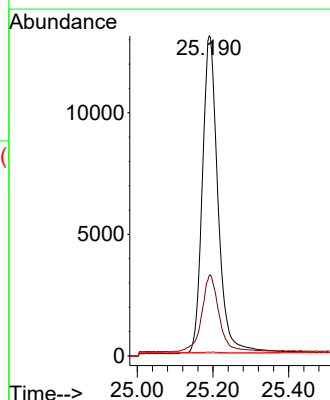
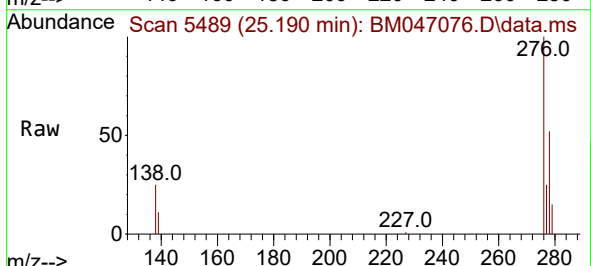
RT: 25.190 min Scan# 5489

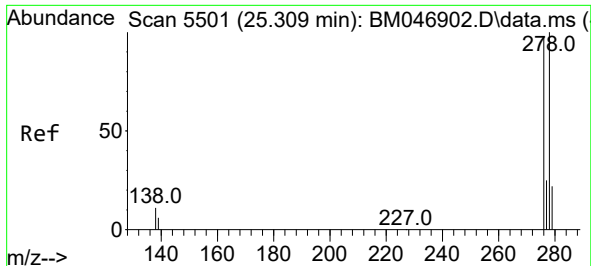
Delta R.T. -0.003 min

Lab File: BM047076.D

Acq: 08 Aug 2024 04:30

Tgt Ion:	276	Resp:	37766
Ion	Ratio	Lower	Upper
276	100		
138	27.2	20.1	30.1
227	0.1	0.2	0.2#

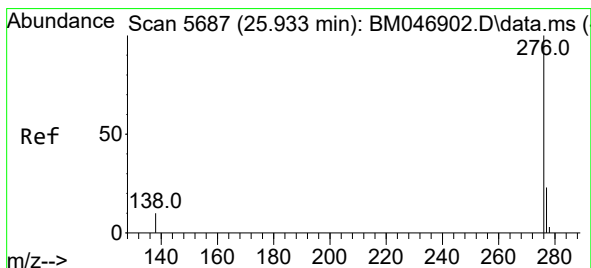
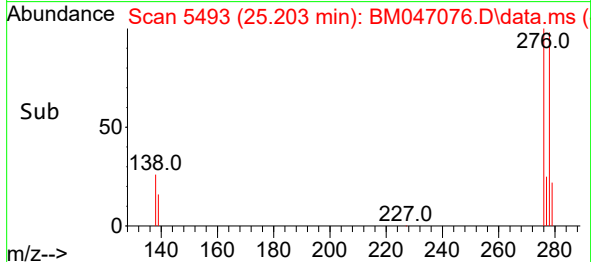
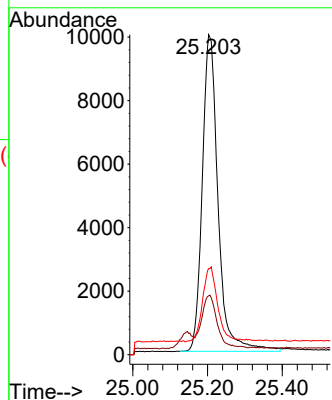
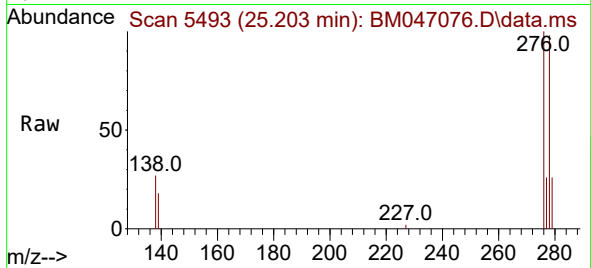




#28
 Dibenzo(a,h)anthracene
 Concen: 0.384 ng/ul
 RT: 25.203 min Scan# 54
 Delta R.T. -0.007 min
 Lab File: BM047076.D
 Acq: 08 Aug 2024 04:30

Instrument :
 BNA_M
 ClientSampleId :
 SICV007

Tgt Ion:278 Resp: 29206
 Ion Ratio Lower Upper
 278 100
 139 18.4 14.6 21.8
 279 26.9 22.1 33.1



#29
 Benzo(g,h,i)perylene
 Concen: 0.382 ng/ul
 RT: 25.817 min Scan# 5676
 Delta R.T. -0.003 min
 Lab File: BM047076.D
 Acq: 08 Aug 2024 04:30

Tgt Ion:276 Resp: 31003
 Ion Ratio Lower Upper
 276 100
 138 23.3 18.7 28.1
 277 24.7 19.6 29.4

