

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020624\
 Data File : BN029536.D
 Acq On : 06 Feb 2024 14:07
 Operator : MA/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV229

Quant Time: Feb 07 02:18:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 02:17:13 2024
 Response via : Initial Calibration

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

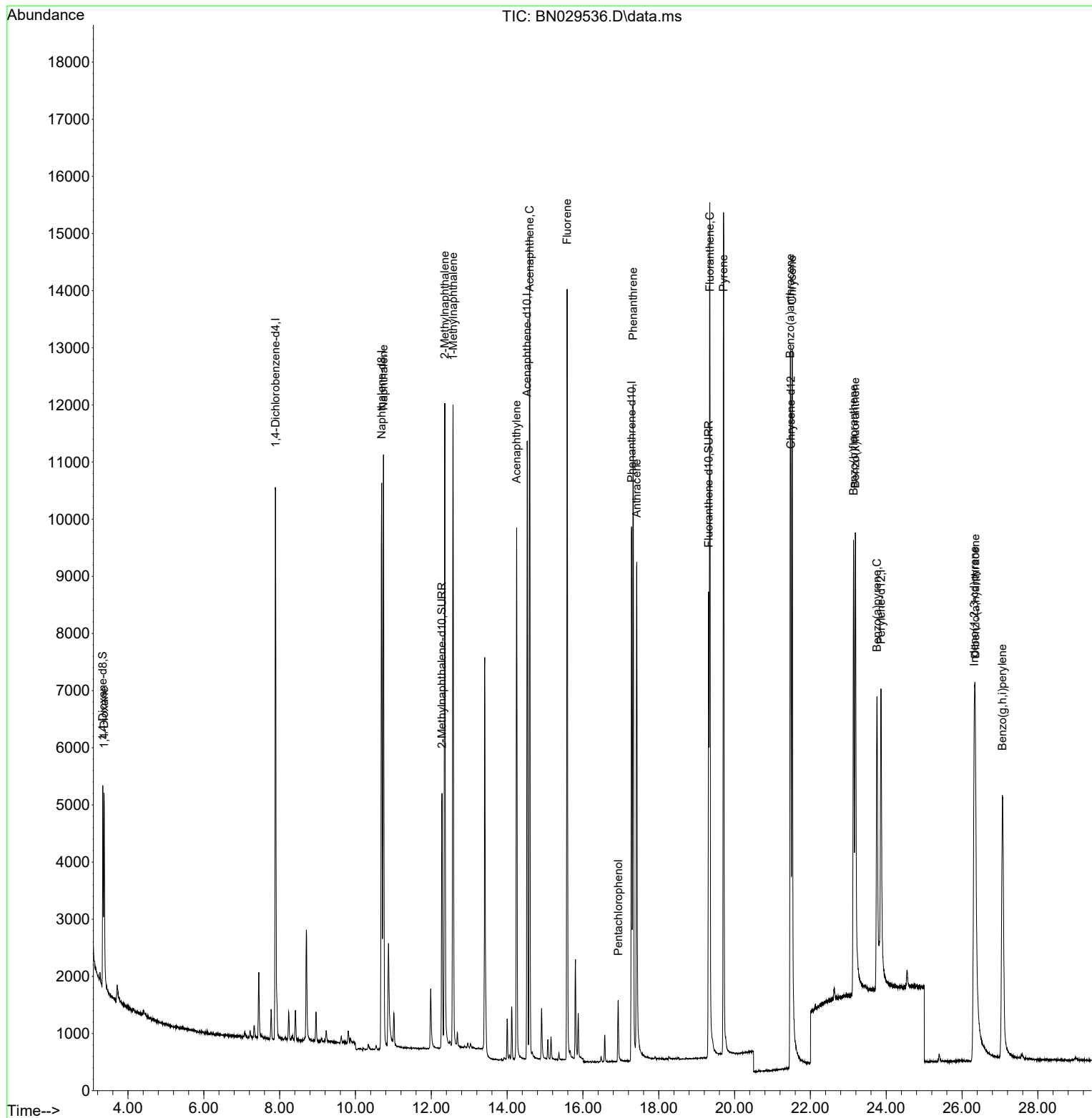
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	4986	0.400	ng/ul	0.00
4) Naphthalene-d8	10.689	136	13557	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.530	164	5951	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.285	188	11225	0.400	ng/ul	0.00
17) Chrysene-d12	21.484	240	7729	0.400	ng/ul	0.00
23) Perylene-d12	23.861	264	7863	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	2311	0.372	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.284	152	6236	0.362	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	9376	0.369	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	2503	0.370	ng/ul	99
5) Naphthalene	10.738	128	14432	0.378	ng/ul	100
7) 2-Methylnaphthalene	12.355	142	8326	0.381	ng/ul	100
8) 1-Methylnaphthalene	12.575	142	7918	0.355	ng/ul	100
10) Acenaphthylene	14.252	152	11159	0.384	ng/ul	100
11) Acenaphthene	14.594	153	8176	0.370	ng/ul	98
12) Fluorene	15.584	166	8739	0.379	ng/ul	98
14) Pentachlorophenol	16.930	266	770	0.308	ng/ul#	49
15) Phenanthrene	17.323	178	13054	0.372	ng/ul	99
16) Anthracene	17.420	178	10898	0.369	ng/ul	99
19) Fluoranthene	19.346	202	13221	0.372	ng/ul	99
20) Pyrene	19.708	202	13642	0.375	ng/ul	99
21) Benzo(a)anthracene	21.467	228	10124	0.363	ng/ul	100
22) Chrysene	21.520	228	11630	0.381	ng/ul	99
24) Benzo(b)fluoranthene	23.139	252	10837	0.366	ng/ul	99
25) Benzo(k)fluoranthene	23.186	252	12352	0.377	ng/ul	98
26) Benzo(a)pyrene	23.756	252	10041	0.361	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.322	276	13004	0.385	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.349	278	9987	0.377	ng/ul	98
29) Benzo(g,h,i)perylene	27.063	276	11431	0.373	ng/ul	99

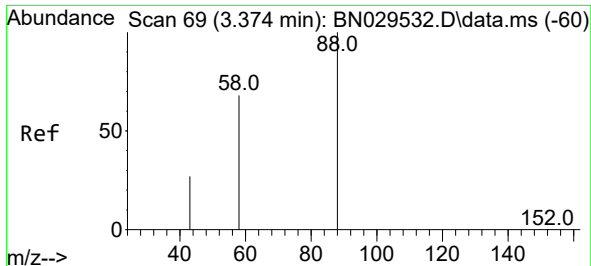
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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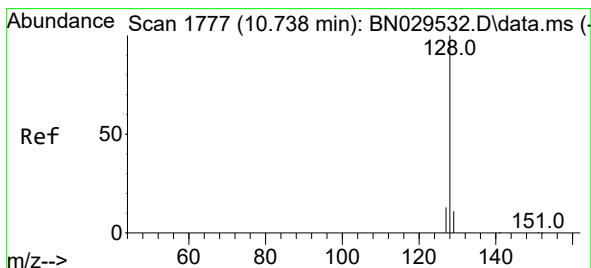
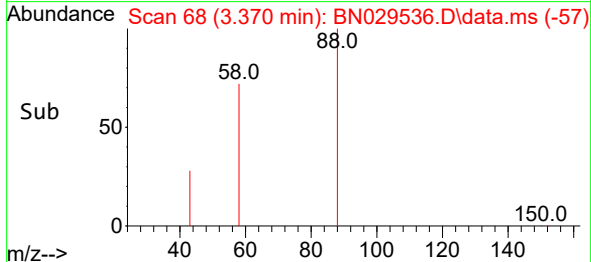
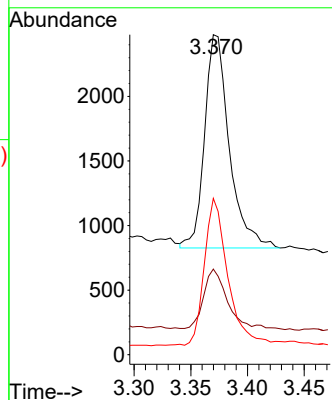
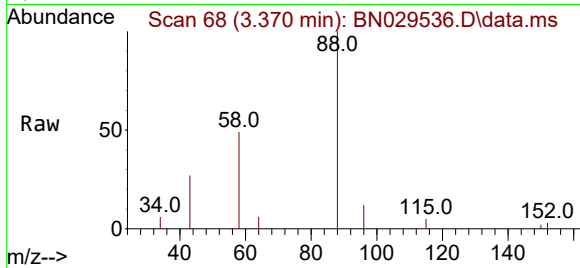




#2
1,4-Dioxane
Concen: 0.370 ng/ul
RT: 3.370 min Scan# 69
Delta R.T. -0.004 min
Lab File: BN029536.D
Acq: 06 Feb 2024 14:07

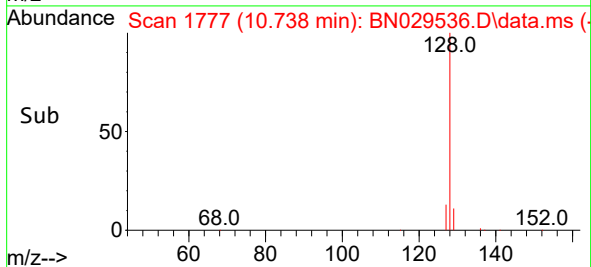
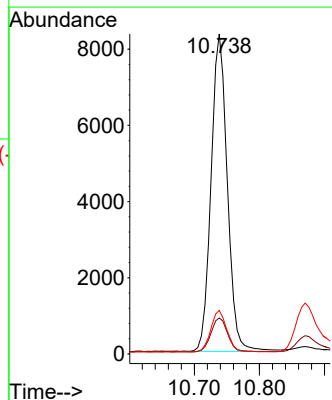
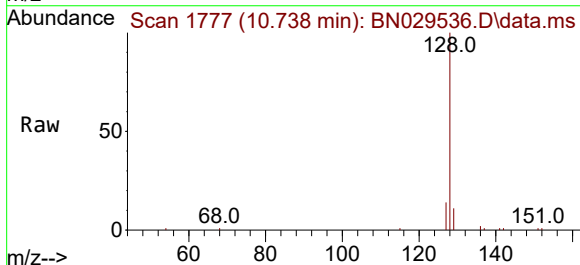
Instrument :
BNA_N
ClientSampleId :
SICV229

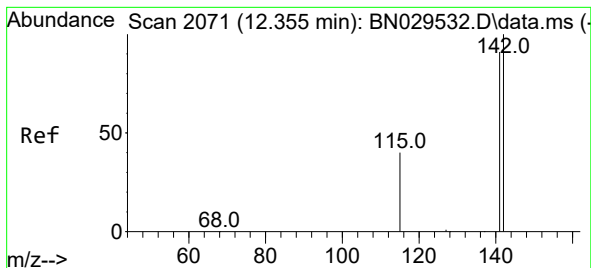
Tgt Ion: 88 Resp: 2503
Ion Ratio Lower Upper
88 100
43 26.8 21.8 32.6
58 48.9 39.3 58.9



#5
Naphthalene
Concen: 0.378 ng/ul
RT: 10.738 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN029536.D
Acq: 06 Feb 2024 14:07

Tgt Ion: 128 Resp: 14432
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.6 11.0 16.6





#7

2-Methylnaphthalene

Concen: 0.381 ng/ul

RT: 12.355 min Scan# 2071

Delta R.T. 0.000 min

Lab File: BN029536.D

Acq: 06 Feb 2024 14:07

Instrument :

BNA_N

ClientSampleId :

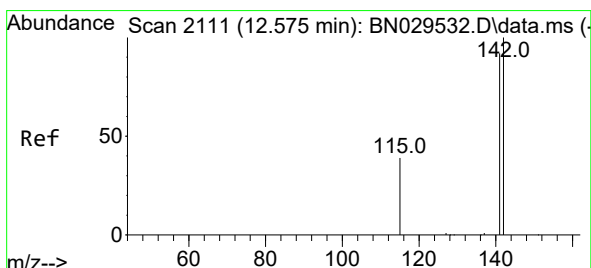
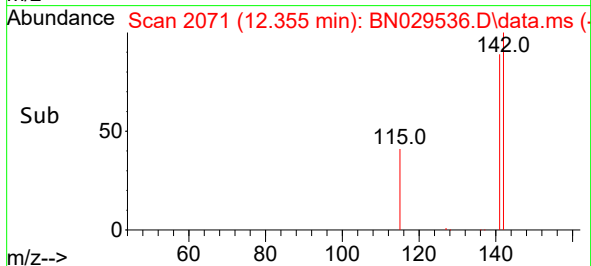
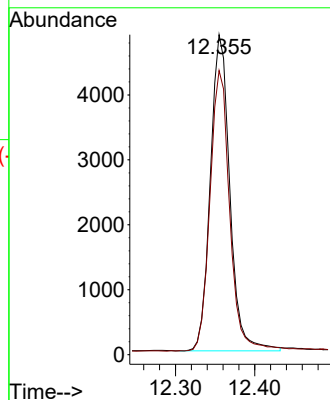
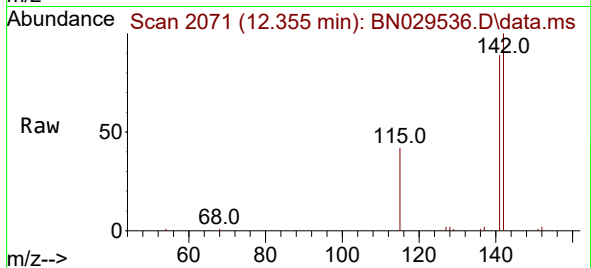
SICV229

Tgt Ion:142 Resp: 8326

Ion Ratio Lower Upper

142 100

141 89.7 71.5 107.3



#8

1-Methylnaphthalene

Concen: 0.355 ng/ul

RT: 12.575 min Scan# 2111

Delta R.T. 0.000 min

Lab File: BN029536.D

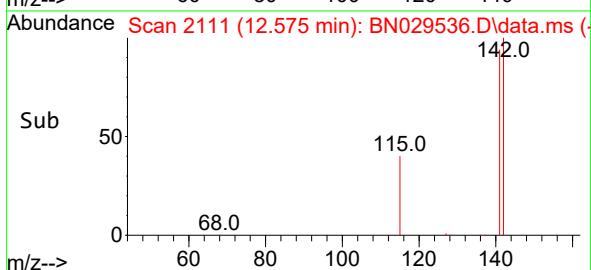
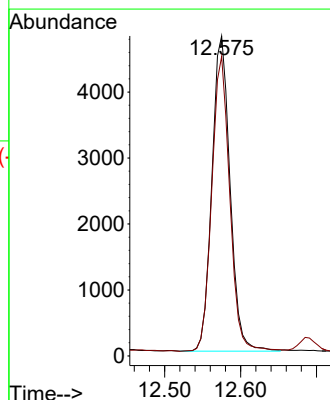
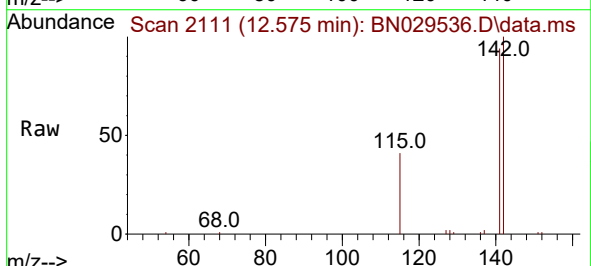
Acq: 06 Feb 2024 14:07

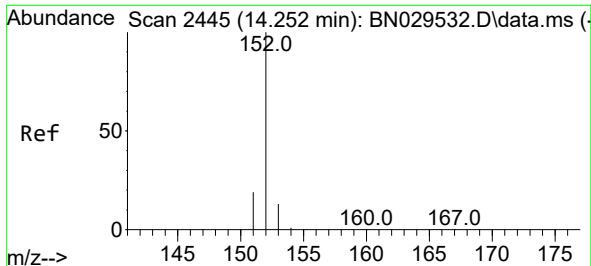
Tgt Ion:142 Resp: 7918

Ion Ratio Lower Upper

142 100

141 92.8 73.9 110.9

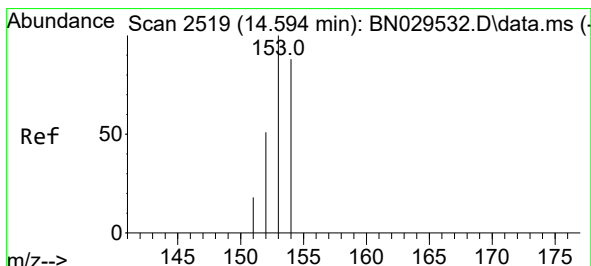
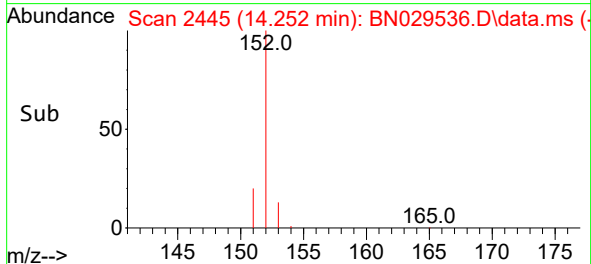
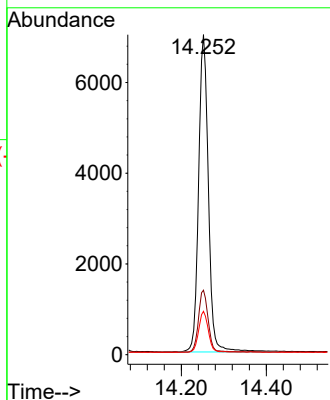
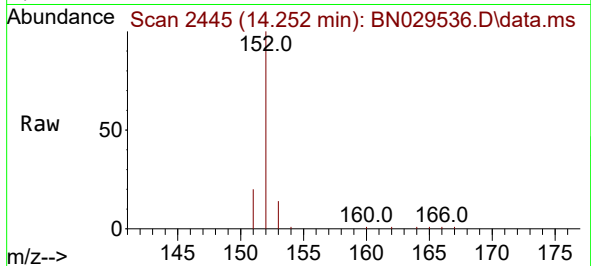




#10
Acenaphthylene
Concen: 0.384 ng/ul
RT: 14.252 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN029536.D
Acq: 06 Feb 2024 14:07

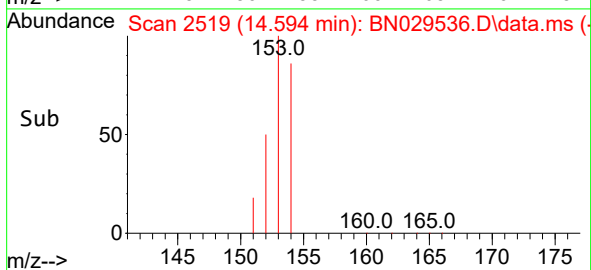
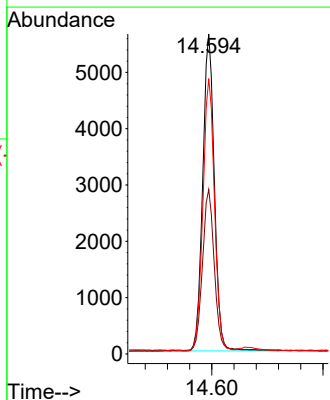
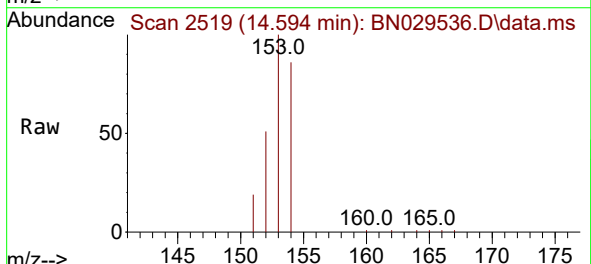
Instrument :
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ClientSampleId :
SICV229

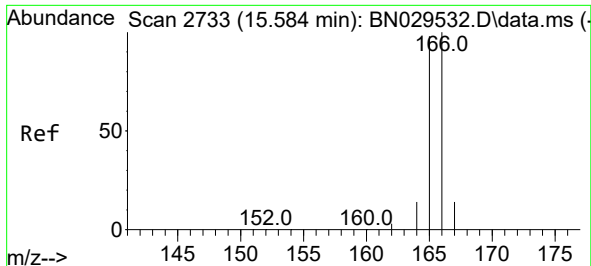
Tgt Ion:	152	Resp:	11159
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.8	23.8
153	13.6	10.9	16.3



#11
Acenaphthene
Concen: 0.370 ng/ul
RT: 14.594 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BN029536.D
Acq: 06 Feb 2024 14:07

Tgt Ion:	153	Resp:	8176
Ion Ratio	Lower	Upper	
153	100		
152	51.4	41.5	62.3
154	86.1	70.9	106.3

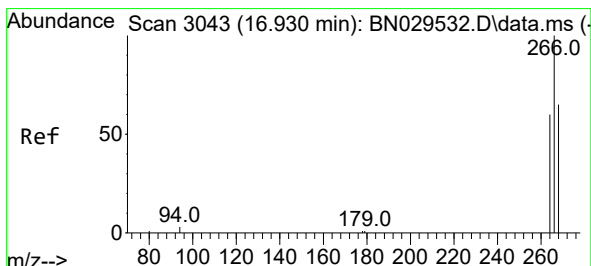
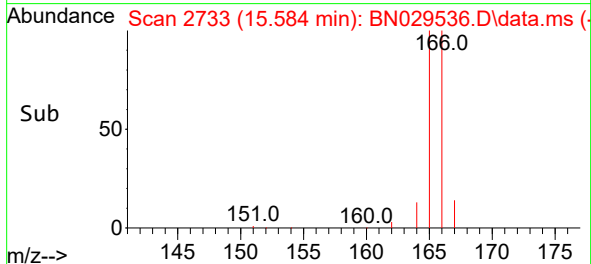
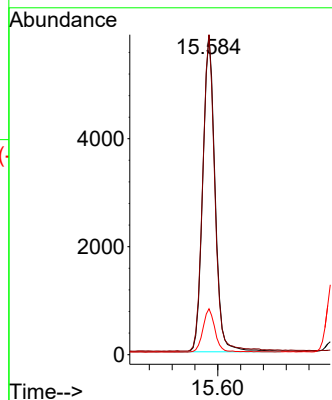
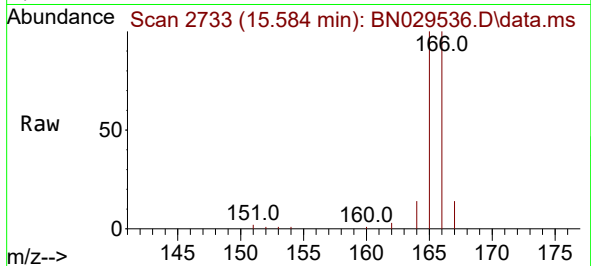




#12
Fluorene
Concen: 0.379 ng/ul
RT: 15.584 min Scan# 2733
Delta R.T. 0.000 min
Lab File: BN029536.D
Acq: 06 Feb 2024 14:07

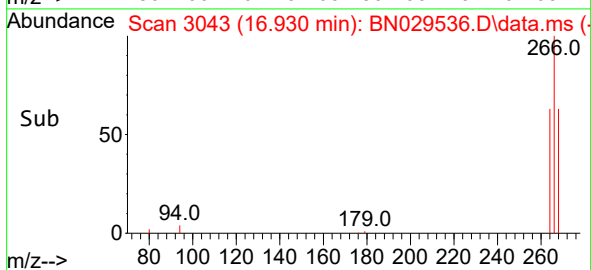
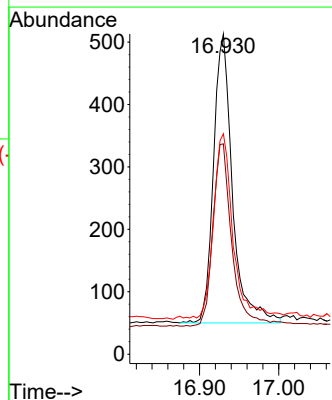
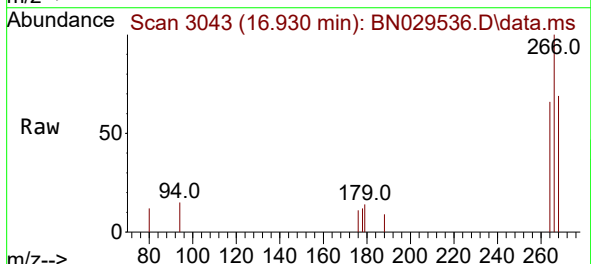
Instrument :
BNA_N
ClientSampleId :
SICV229

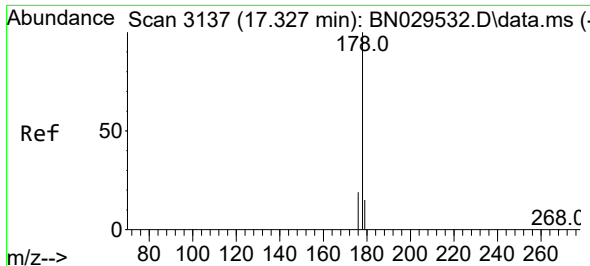
Tgt Ion:166 Resp: 8739
Ion Ratio Lower Upper
166 100
165 100.3 78.6 117.8
167 14.4 11.5 17.3



#14
Pentachlorophenol
Concen: 0.308 ng/ul
RT: 16.930 min Scan# 3043
Delta R.T. 0.000 min
Lab File: BN029536.D
Acq: 06 Feb 2024 14:07

Tgt Ion:266 Resp: 770
Ion Ratio Lower Upper
266 100
264 63.2 0.0 0.0#
268 64.9 0.2 0.2#

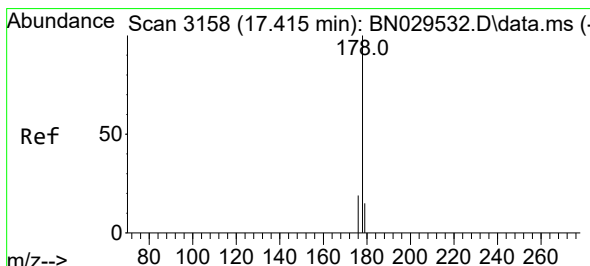
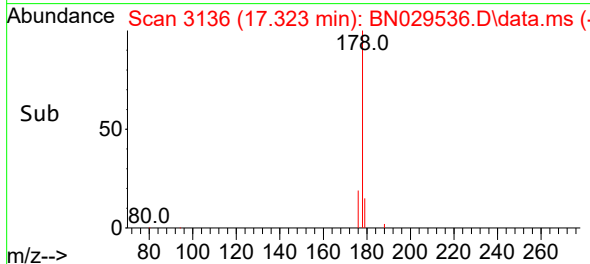
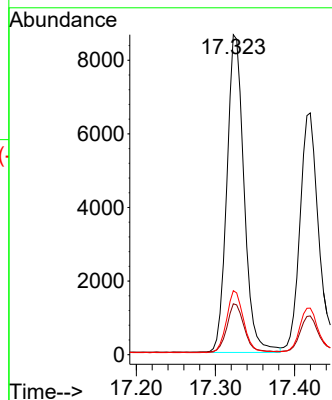
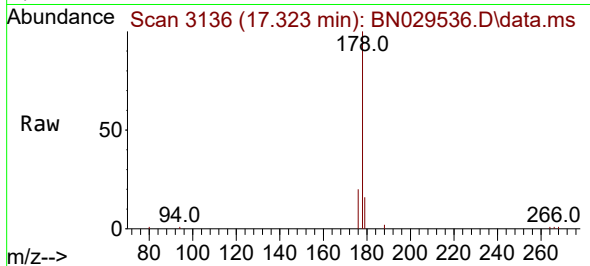




#15
Phenanthrene
Concen: 0.372 ng/ul
RT: 17.323 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BN029536.D
Acq: 06 Feb 2024 14:07

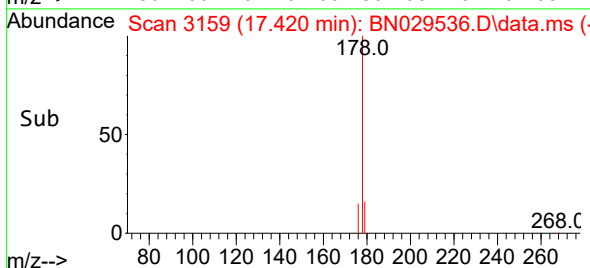
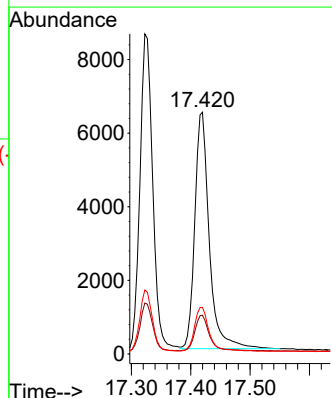
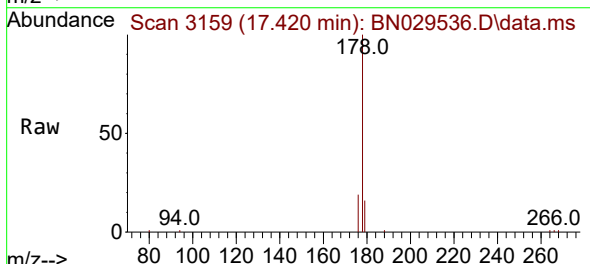
Instrument :
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SICV229

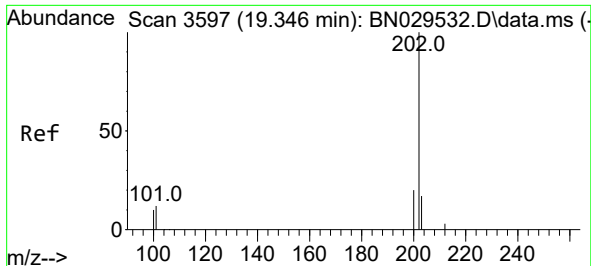
Tgt Ion:178 Resp: 13054
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 20.0 15.7 23.5



#16
Anthracene
Concen: 0.369 ng/ul
RT: 17.420 min Scan# 3159
Delta R.T. 0.004 min
Lab File: BN029536.D
Acq: 06 Feb 2024 14:07

Tgt Ion:178 Resp: 10898
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 19.3 15.8 23.8

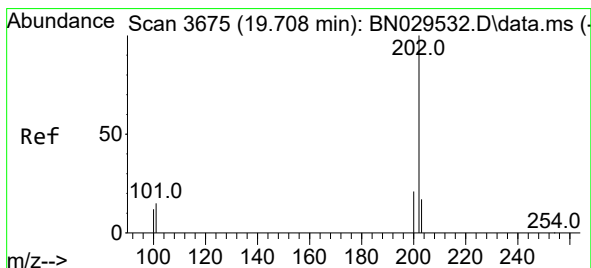
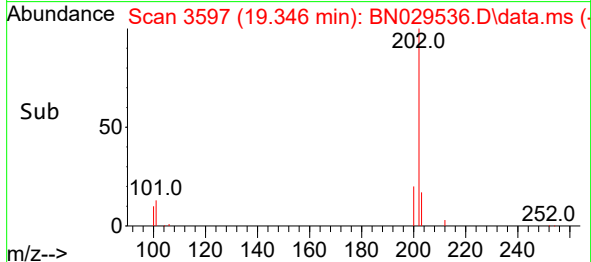
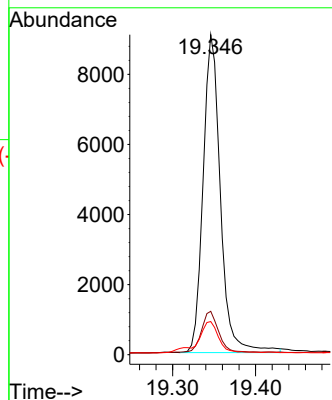
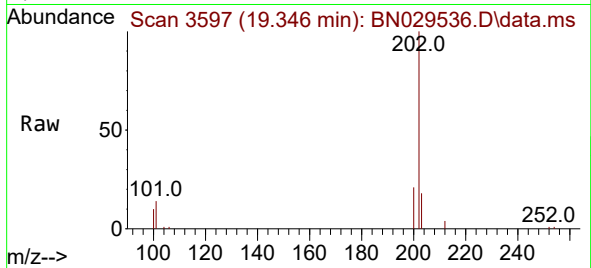




#19
Fluoranthene
Concen: 0.372 ng/ul
RT: 19.346 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BN029536.D
Acq: 06 Feb 2024 14:07

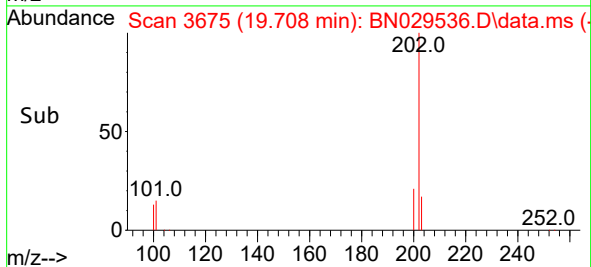
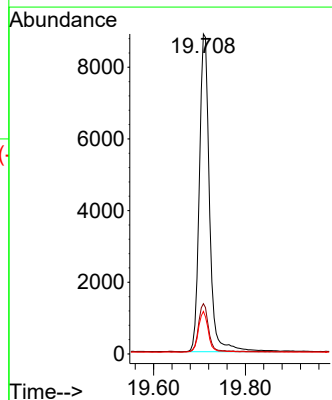
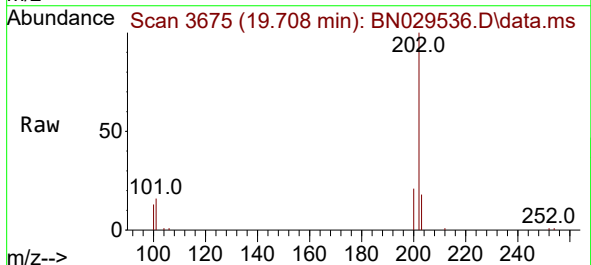
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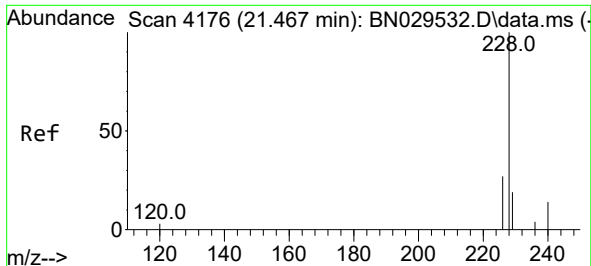
Tgt Ion:202 Resp: 13221
Ion Ratio Lower Upper
202 100
101 13.6 10.4 15.6
100 10.4 8.5 12.7



#20
Pyrene
Concen: 0.375 ng/ul
RT: 19.708 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BN029536.D
Acq: 06 Feb 2024 14:07

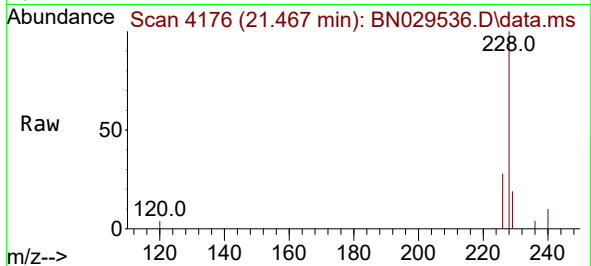
Tgt Ion:202 Resp: 13642
Ion Ratio Lower Upper
202 100
101 15.7 12.5 18.7
100 13.3 10.0 15.0



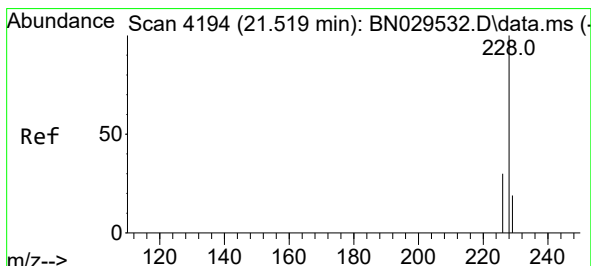
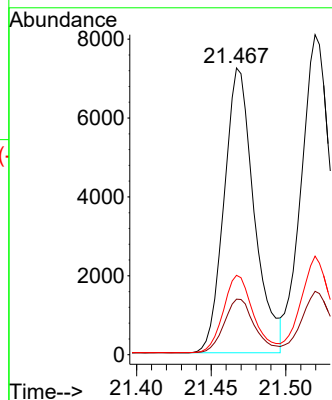
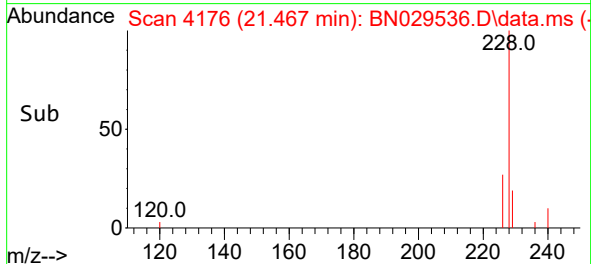


#21
Benzo(a)anthracene
Concen: 0.363 ng/ul
RT: 21.467 min Scan# 4176
Delta R.T. 0.000 min
Lab File: BN029536.D
Acq: 06 Feb 2024 14:07

Instrument :
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ClientSampleId :
SICV229

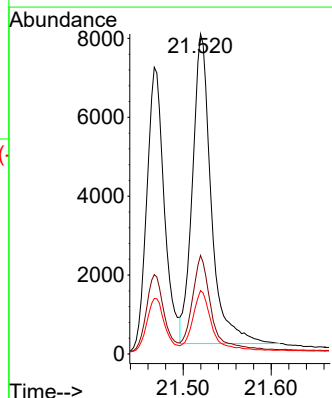
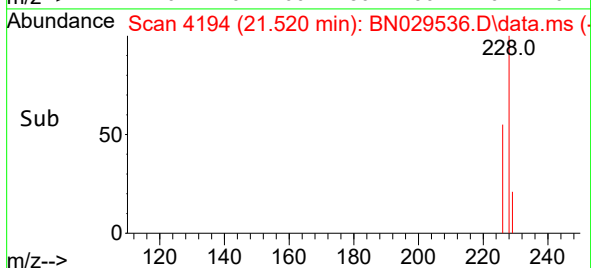
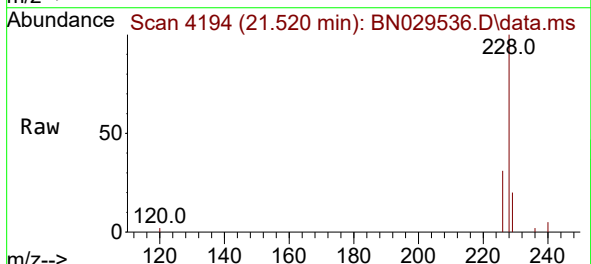


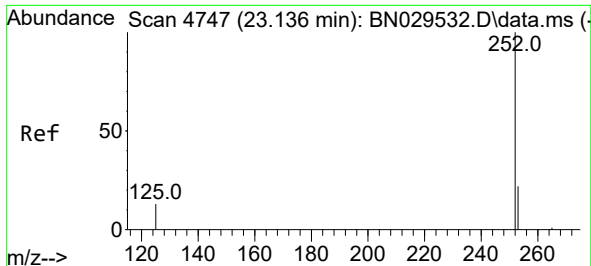
Tgt Ion:228 Resp: 10124
Ion Ratio Lower Upper
228 100
229 19.4 15.7 23.5
226 27.7 22.2 33.4



#22
Chrysene
Concen: 0.381 ng/ul
RT: 21.520 min Scan# 4194
Delta R.T. 0.000 min
Lab File: BN029536.D
Acq: 06 Feb 2024 14:07

Tgt Ion:228 Resp: 11630
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.2
229 19.8 15.7 23.5

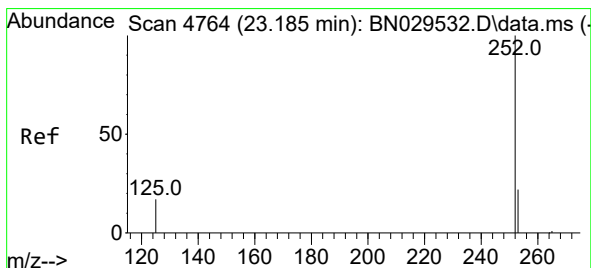
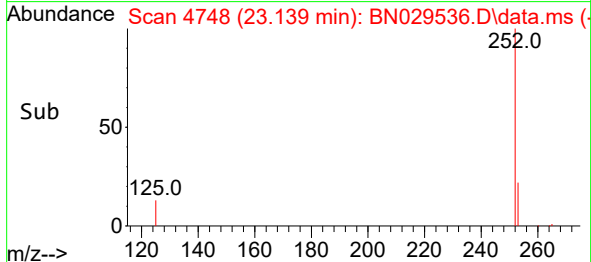
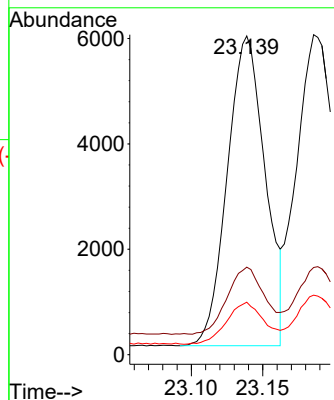
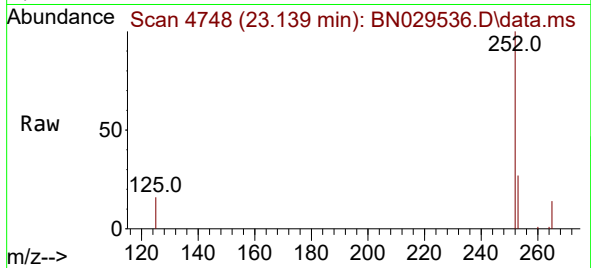




#24
Benzo(b)fluoranthene
Concen: 0.366 ng/ul
RT: 23.139 min Scan# 4747
Delta R.T. 0.003 min
Lab File: BN029536.D
Acq: 06 Feb 2024 14:07

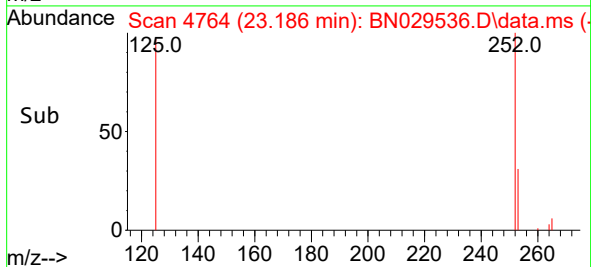
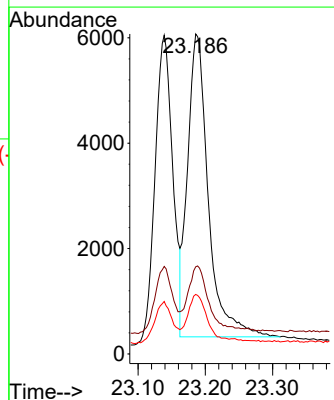
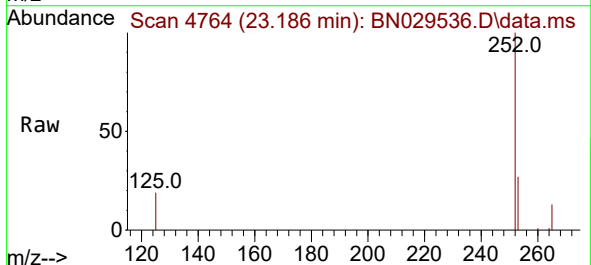
Instrument :
BNA_N
ClientSampleId :
SICV229

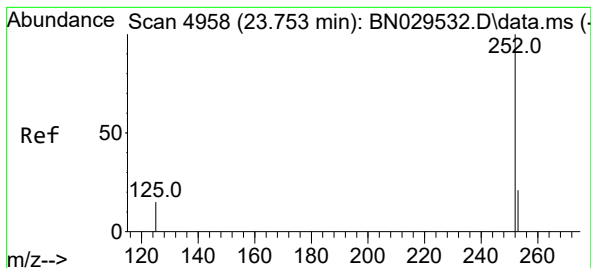
Tgt Ion:252 Resp: 10837
Ion Ratio Lower Upper
252 100
253 27.5 0.0 56.8
125 16.5 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.377 ng/ul
RT: 23.186 min Scan# 4764
Delta R.T. 0.000 min
Lab File: BN029536.D
Acq: 06 Feb 2024 14:07

Tgt Ion:252 Resp: 12352
Ion Ratio Lower Upper
252 100
253 27.2 22.6 33.8
125 18.6 15.3 22.9





#26

Benzo(a)pyrene

Concen: 0.361 ng/ul

RT: 23.756 min Scan# 4958

Delta R.T. 0.003 min

Lab File: BN029536.D

Acq: 06 Feb 2024 14:07

Instrument :

BNA_N

ClientSampleId :

SICV229

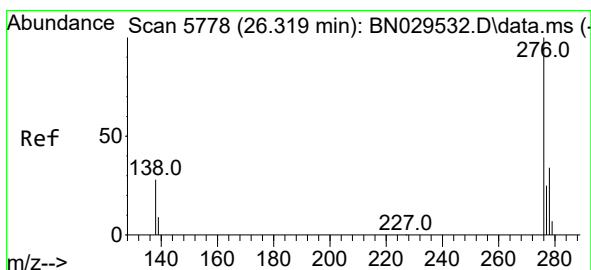
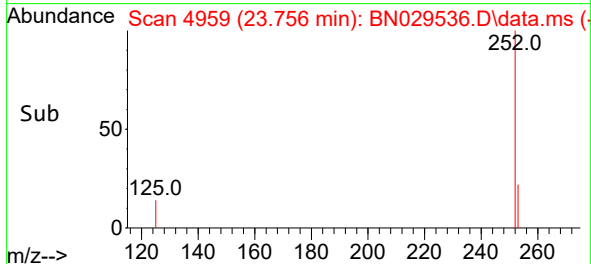
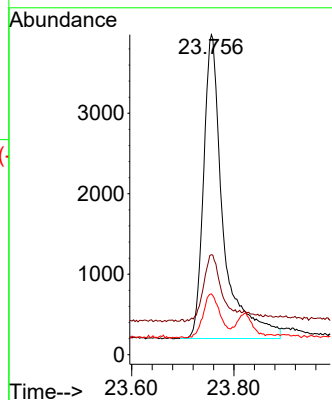
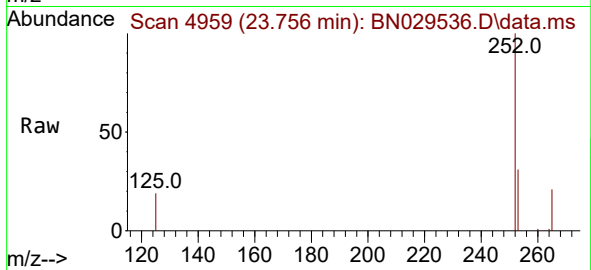
Tgt Ion:252 Resp: 10041

Ion Ratio Lower Upper

252 100

253 31.3 25.4 38.0

125 19.0 16.0 24.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.385 ng/ul

RT: 26.322 min Scan# 5779

Delta R.T. 0.004 min

Lab File: BN029536.D

Acq: 06 Feb 2024 14:07

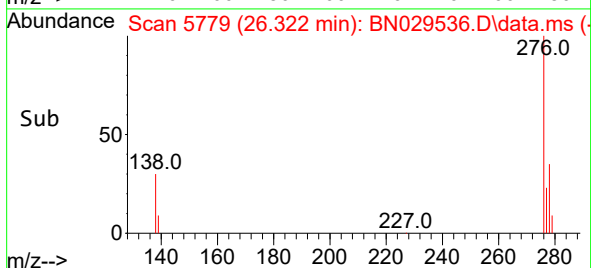
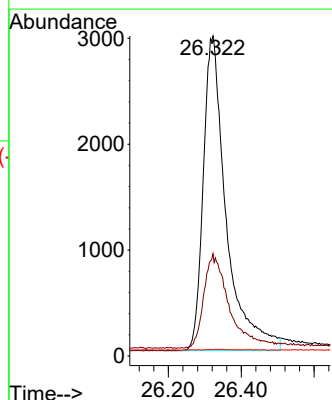
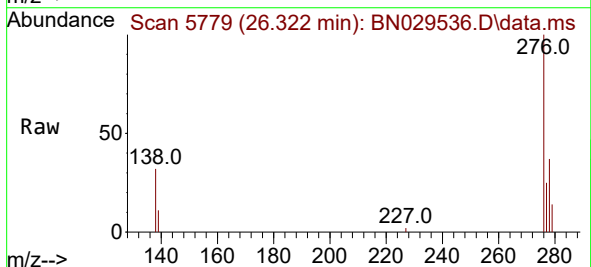
Tgt Ion:276 Resp: 13004

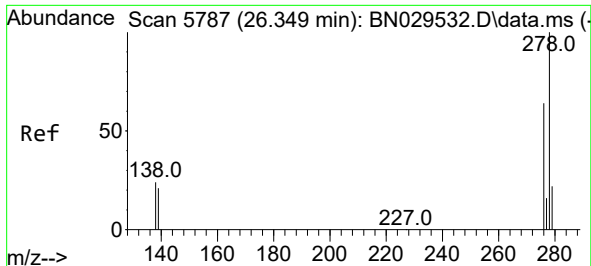
Ion Ratio Lower Upper

276 100

138 33.3 0.0 0.0#

227 0.1 0.0 0.0#

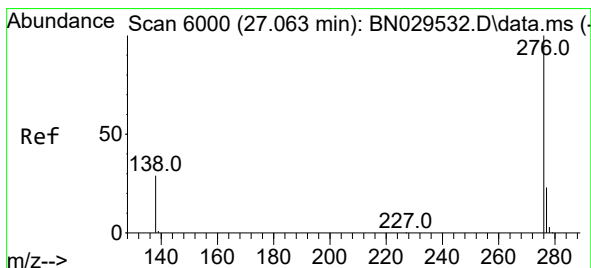
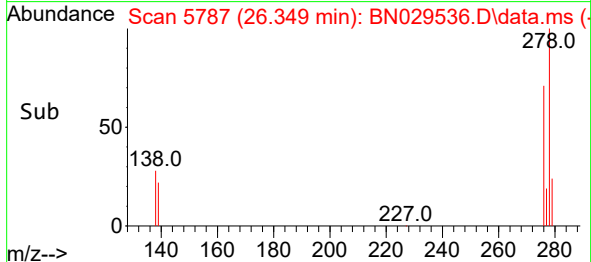
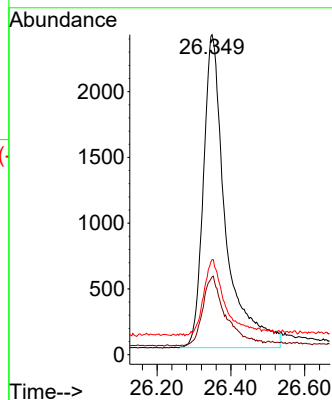
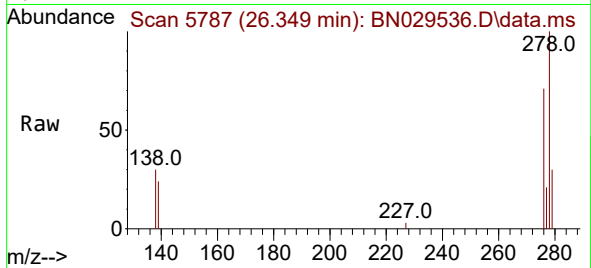




#28
 Dibenzo(a,h)anthracene
 Concen: 0.377 ng/ul
 RT: 26.349 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BN029536.D
 Acq: 06 Feb 2024 14:07

Instrument :
 BNA_N
 ClientSampleId :
 SICV229

Tgt Ion:278 Resp: 9987
 Ion Ratio Lower Upper
 278 100
 139 24.3 19.0 28.4
 279 29.7 22.6 34.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.373 ng/ul
 RT: 27.063 min Scan# 6000
 Delta R.T. 0.000 min
 Lab File: BN029536.D
 Acq: 06 Feb 2024 14:07

Tgt Ion:276 Resp: 11431
 Ion Ratio Lower Upper
 276 100
 138 29.8 24.6 37.0
 277 24.9 19.7 29.5

