

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020624\
 Data File : BN029531.D
 Acq On : 06 Feb 2024 11:07
 Operator : MA/JU
 Sample : SSTD0.251
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

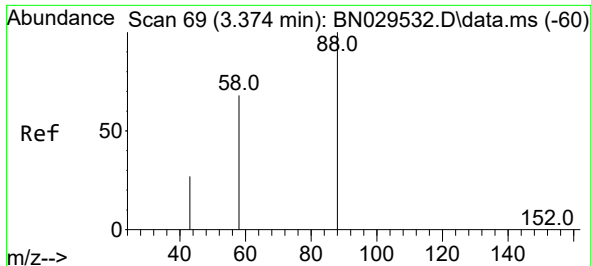
Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.2224

Quant Time: Feb 07 02:11:05 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 02:09:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	4620	0.400	ng/ul	0.00
4) Naphthalene-d8	10.689	136	12365	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.530	164	5395	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.284	188	9589	0.400	ng/ul	0.00
17) Chrysene-d12	21.481	240	6381	0.400	ng/ul	0.00
23) Perylene-d12	23.858	264	6477	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	1189	0.233	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.283	152	3115	0.167	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	4429	0.216	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.374	88	1302	0.231	ng/ul#	90
5) Naphthalene	10.738	128	7093	0.205	ng/ul	99
7) 2-Methylnaphthalene	12.355	142	3948	0.173	ng/ul	99
8) 1-Methylnaphthalene	12.575	142	4061	0.175	ng/ul	99
10) Acenaphthylene	14.252	152	5370	0.199	ng/ul	98
11) Acenaphthene	14.594	153	4101	0.207	ng/ul	98
12) Fluorene	15.584	166	4169	0.181	ng/ul	99
14) Pentachlorophenol	16.930	266	408	0.177	ng/ul#	49
15) Phenanthrene	17.327	178	6130	0.208	ng/ul	98
16) Anthracene	17.415	178	5000	0.185	ng/ul	98
19) Fluoranthene	19.346	202	6066	0.224	ng/ul	97
20) Pyrene	19.708	202	6361	0.226	ng/ul	97
21) Benzo(a)anthracene	21.467	228	4601	0.182	ng/ul	99
22) Chrysene	21.519	228	5201	0.211	ng/ul	99
24) Benzo(b)fluoranthene	23.136	252	4847	0.199	ng/ul	89
25) Benzo(k)fluoranthene	23.185	252	5585	0.219	ng/ul#	87
26) Benzo(a)pyrene	23.753	252	4760	0.207	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.322	276	5738	0.225	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.352	278	4464	0.219	ng/ul#	86
29) Benzo(g,h,i)perylene	27.067	276	5361	0.257	ng/ul	95

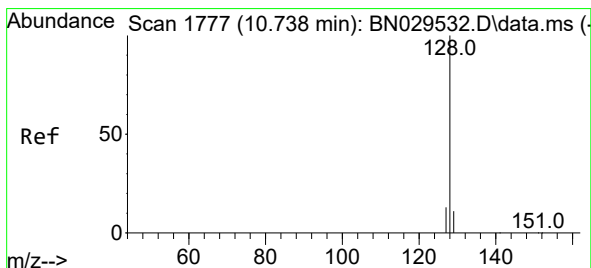
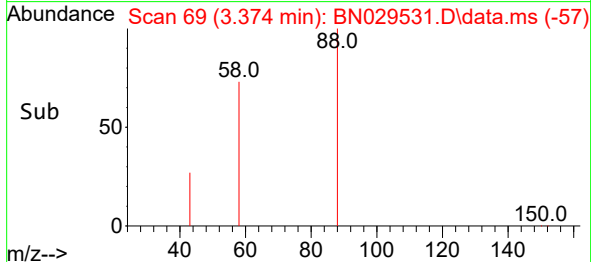
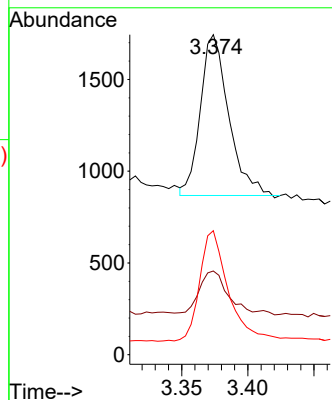
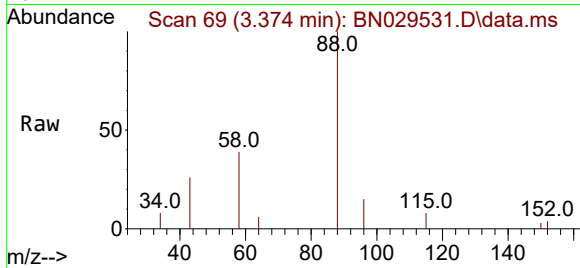
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.231 ng/ul
RT: 3.374 min Scan# 69
Delta R.T. 0.000 min
Lab File: BN029531.D
Acq: 06 Feb 2024 11:07

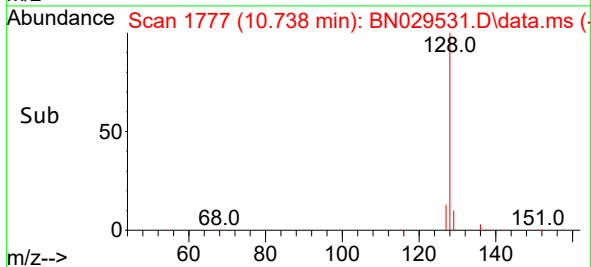
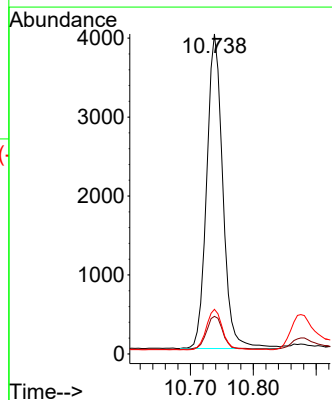
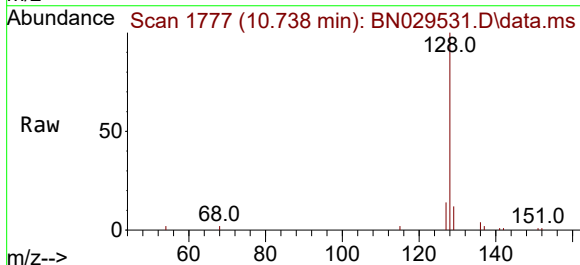
Instrument :
BNA_N
ClientSampleId :
SSTD0.2224

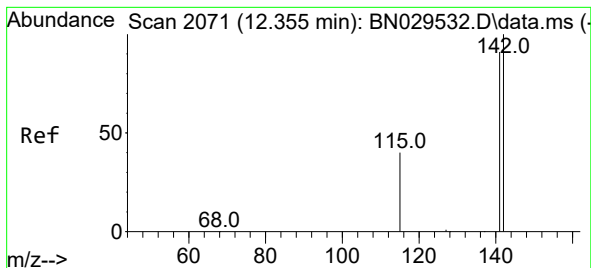
Tgt Ion: 88 Resp: 1302
Ion Ratio Lower Upper
88 100
43 26.1 21.8 32.6
58 38.8 39.3 58.9#



#5
Naphthalene
Concen: 0.205 ng/ul
RT: 10.738 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN029531.D
Acq: 06 Feb 2024 11:07

Tgt Ion: 128 Resp: 7093
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 14.0 11.0 16.6

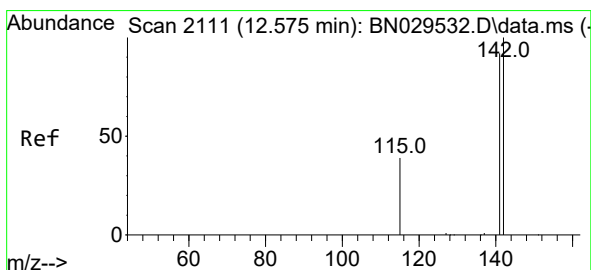
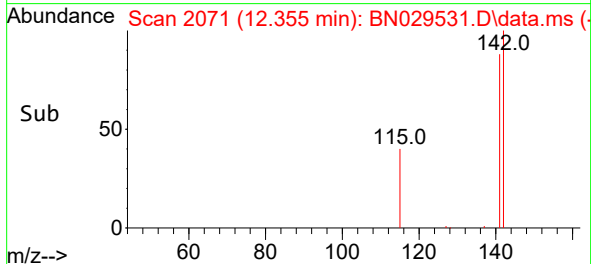
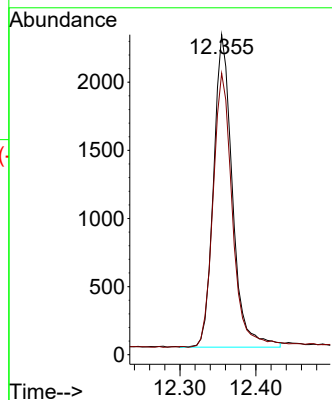
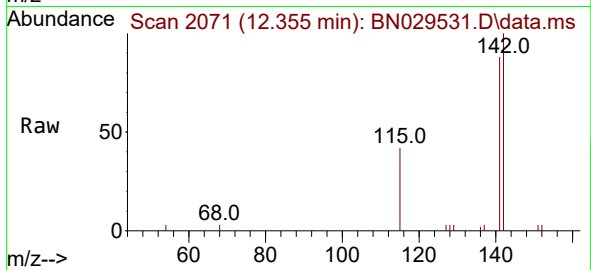




#7
2-Methylnaphthalene
Concen: 0.173 ng/ul
RT: 12.355 min Scan# 2071
Delta R.T. 0.000 min
Lab File: BN029531.D
Acq: 06 Feb 2024 11:07

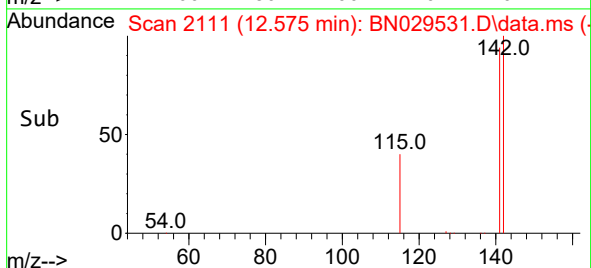
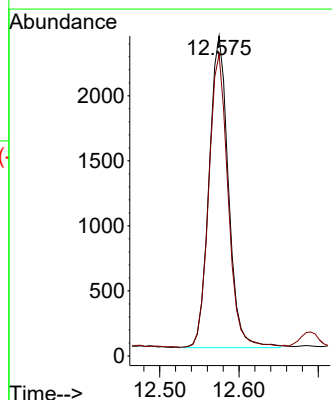
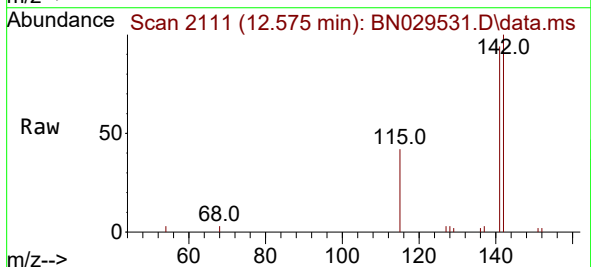
Instrument :
BNA_N
ClientSampleId :
SSTD0.2224

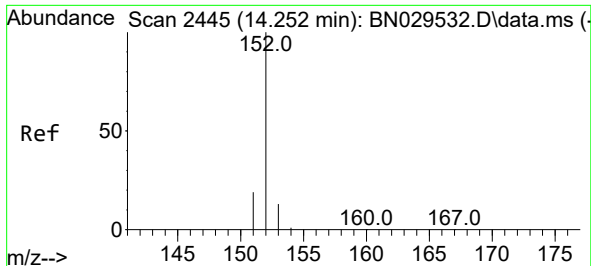
Tgt Ion:142 Resp: 3948
Ion Ratio Lower Upper
142 100
141 89.9 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.175 ng/ul
RT: 12.575 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN029531.D
Acq: 06 Feb 2024 11:07

Tgt Ion:142 Resp: 4061
Ion Ratio Lower Upper
142 100
141 93.3 73.9 110.9

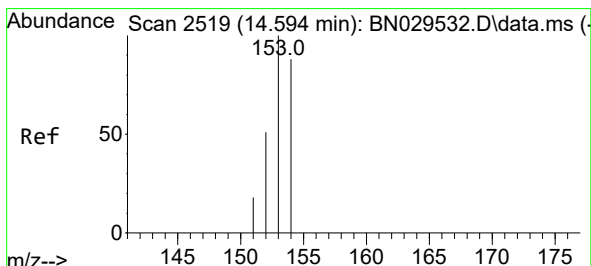
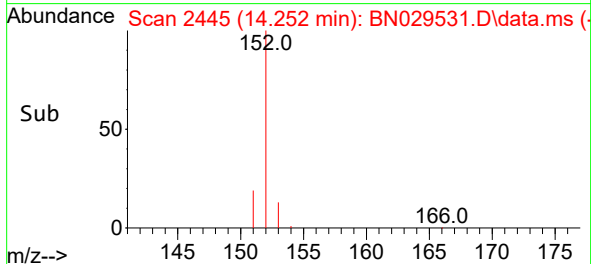
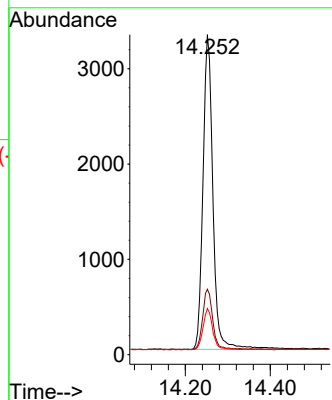
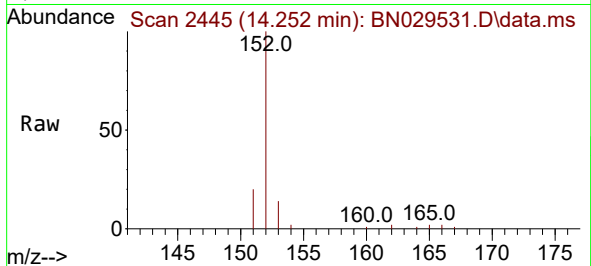




#10
Acenaphthylene
Concen: 0.199 ng/ul
RT: 14.252 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN029531.D
Acq: 06 Feb 2024 11:07

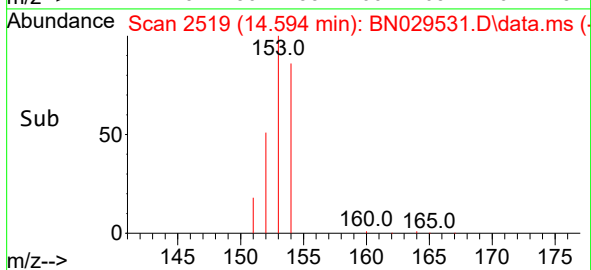
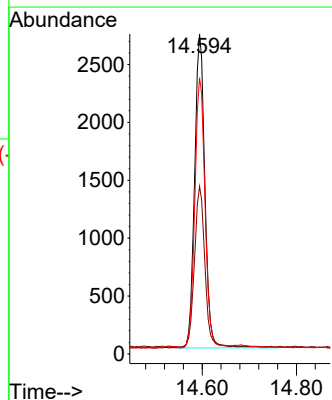
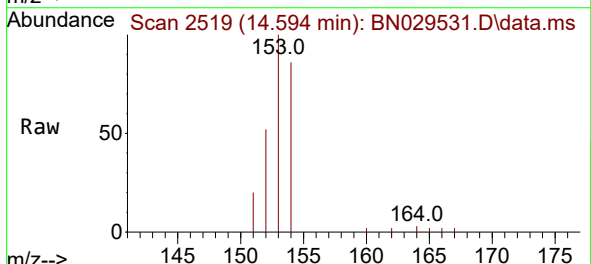
Instrument :
BNA_N
ClientSampleId :
SSTD0.2224

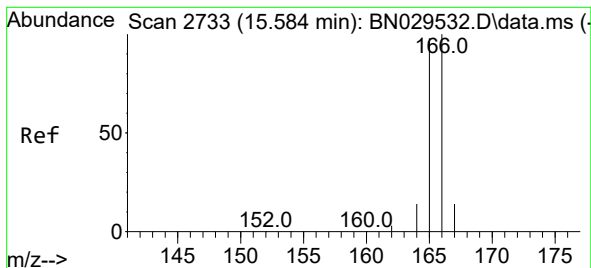
Tgt Ion:152 Resp: 5370
Ion Ratio Lower Upper
152 100
151 20.5 15.8 23.8
153 14.4 10.9 16.3



#11
Acenaphthene
Concen: 0.207 ng/ul
RT: 14.594 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BN029531.D
Acq: 06 Feb 2024 11:07

Tgt Ion:153 Resp: 4101
Ion Ratio Lower Upper
153 100
152 52.4 41.5 62.3
154 86.3 70.9 106.3





#12

Fluorene

Concen: 0.181 ng/ul

RT: 15.584 min Scan# 2733

Delta R.T. 0.000 min

Lab File: BN029531.D

Acq: 06 Feb 2024 11:07

Instrument :

BNA_N

ClientSampleId :

SSTD0.2224

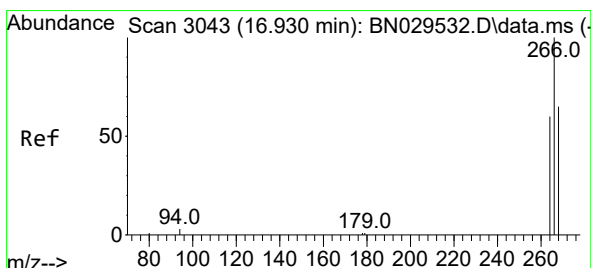
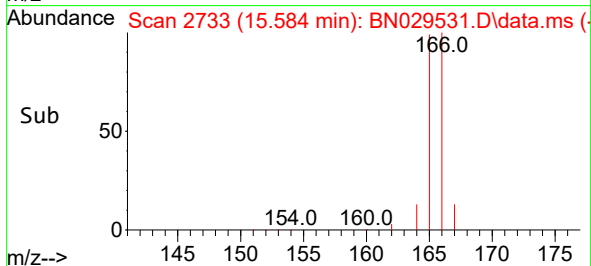
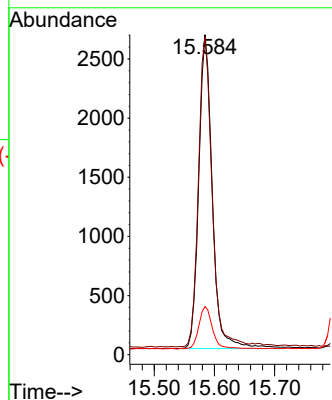
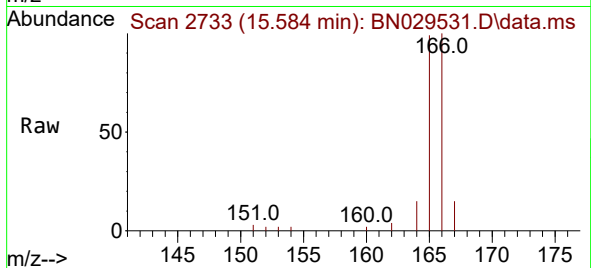
Tgt Ion:166 Resp: 4169

Ion Ratio Lower Upper

166 100

165 99.3 78.6 117.8

167 15.0 11.5 17.3



#14

Pentachlorophenol

Concen: 0.177 ng/ul

RT: 16.930 min Scan# 3043

Delta R.T. 0.000 min

Lab File: BN029531.D

Acq: 06 Feb 2024 11:07

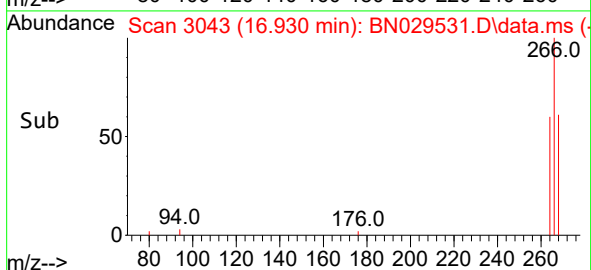
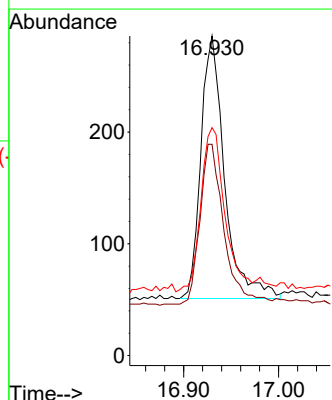
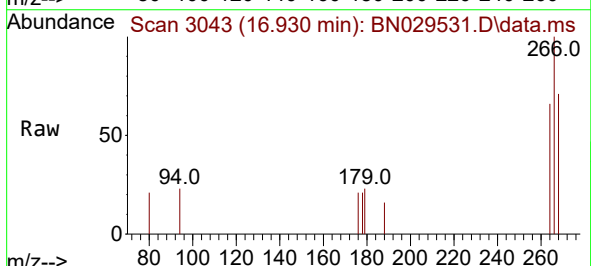
Tgt Ion:266 Resp: 408

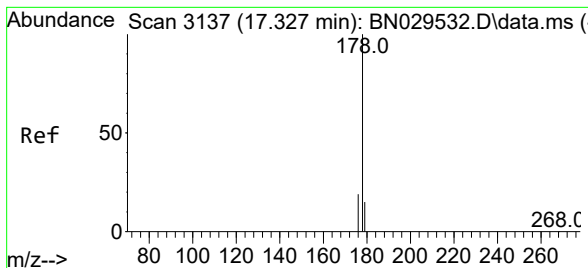
Ion Ratio Lower Upper

266 100

264 61.3 0.0 0.0#

268 65.9 0.2 0.2#





#15

Phenanthrene

Concen: 0.208 ng/ul

RT: 17.327 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BN029531.D

Acq: 06 Feb 2024 11:07

Instrument :

BNA_N

ClientSampleId :

SSTD0.2224

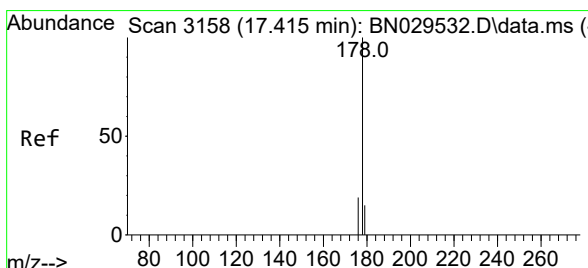
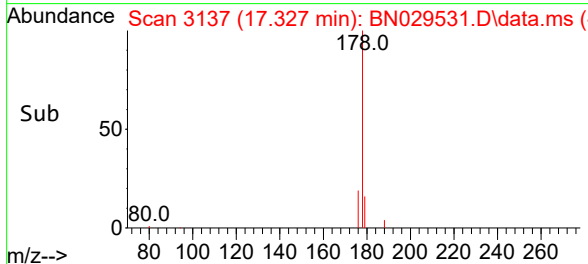
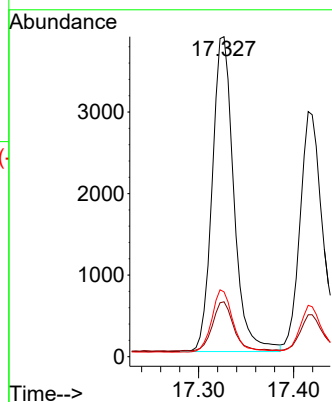
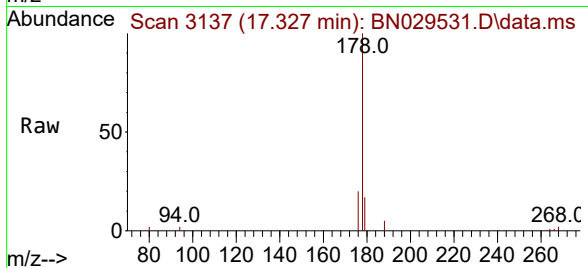
Tgt Ion:178 Resp: 6130

Ion Ratio Lower Upper

178 100

179 17.2 12.6 18.8

176 20.2 15.7 23.5



#16

Anthracene

Concen: 0.185 ng/ul

RT: 17.415 min Scan# 3158

Delta R.T. 0.000 min

Lab File: BN029531.D

Acq: 06 Feb 2024 11:07

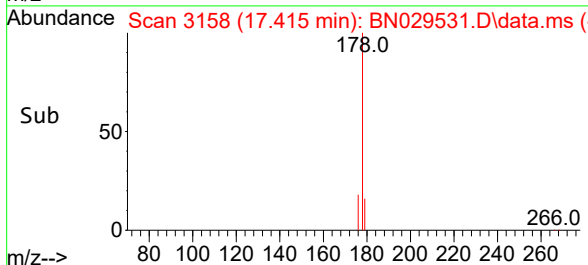
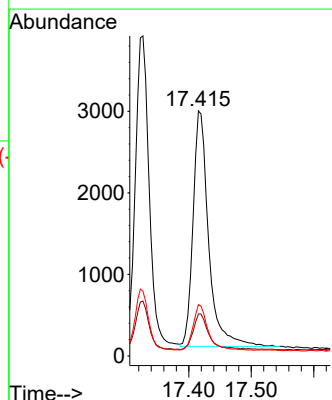
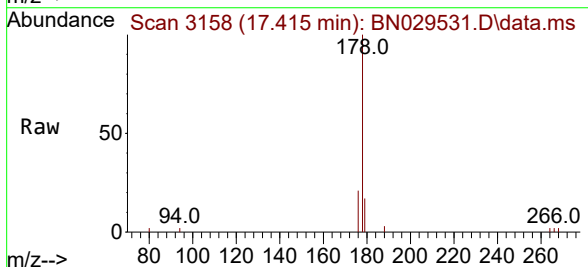
Tgt Ion:178 Resp: 5000

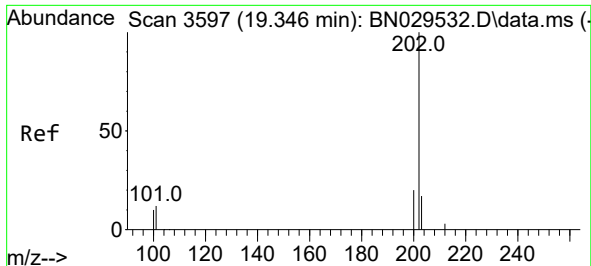
Ion Ratio Lower Upper

178 100

179 17.1 12.9 19.3

176 21.0 15.8 23.8

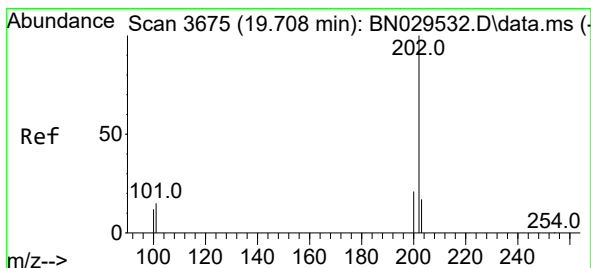
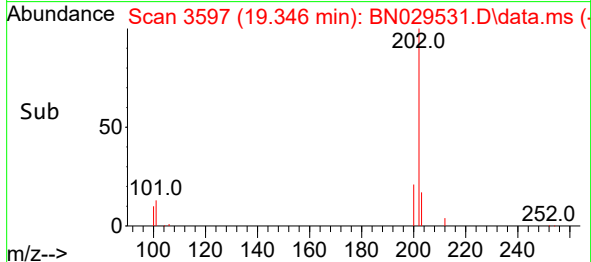
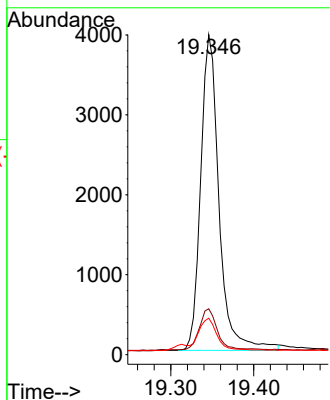
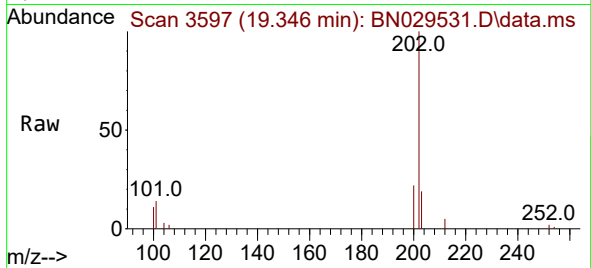




#19
Fluoranthene
Concen: 0.224 ng/ul
RT: 19.346 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BN029531.D
Acq: 06 Feb 2024 11:07

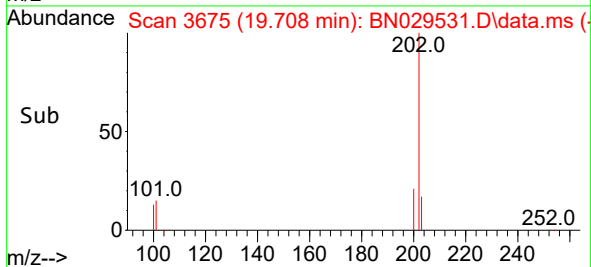
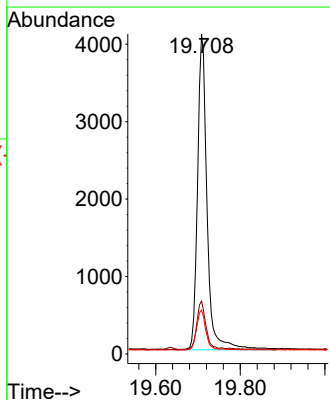
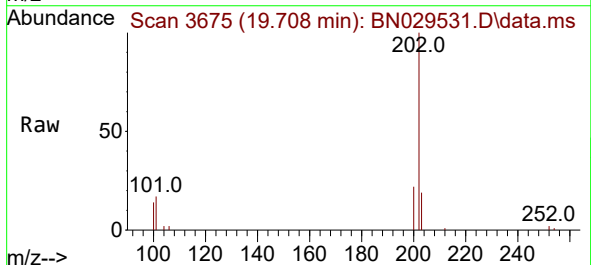
Instrument :
BNA_N
ClientSampleId :
SSTD0.2224

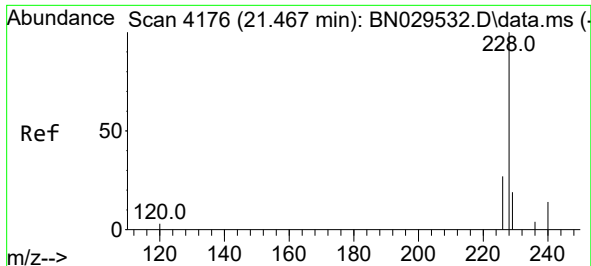
Tgt Ion:202 Resp: 6066
Ion Ratio Lower Upper
202 100
101 14.3 10.4 15.6
100 11.4 8.5 12.7



#20
Pyrene
Concen: 0.226 ng/ul
RT: 19.708 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BN029531.D
Acq: 06 Feb 2024 11:07

Tgt Ion:202 Resp: 6361
Ion Ratio Lower Upper
202 100
101 16.5 12.5 18.7
100 13.7 10.0 15.0

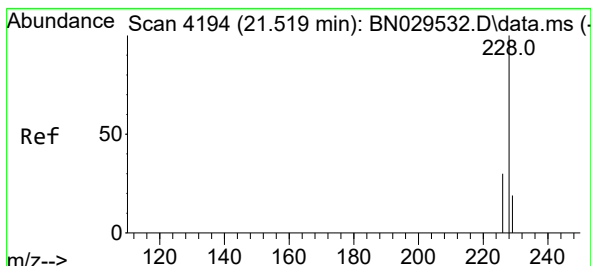
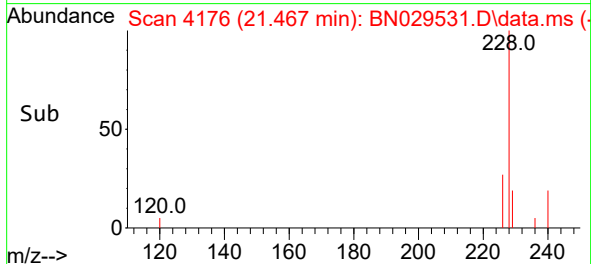
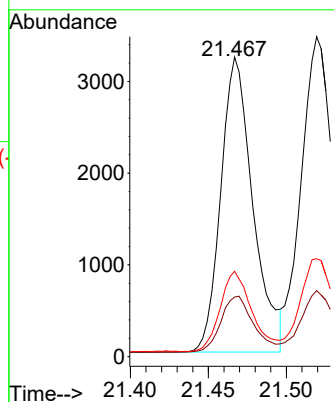
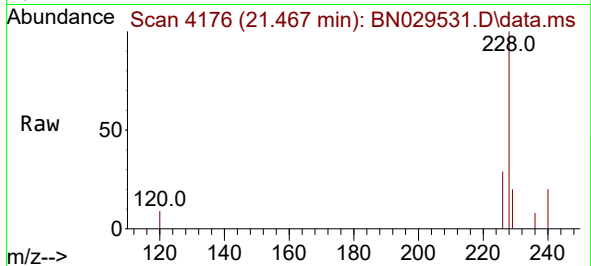




#21
Benzo(a)anthracene
Concen: 0.182 ng/ul
RT: 21.467 min Scan# 4176
Delta R.T. 0.000 min
Lab File: BN029531.D
Acq: 06 Feb 2024 11:07

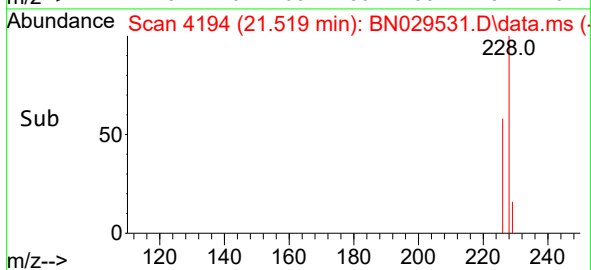
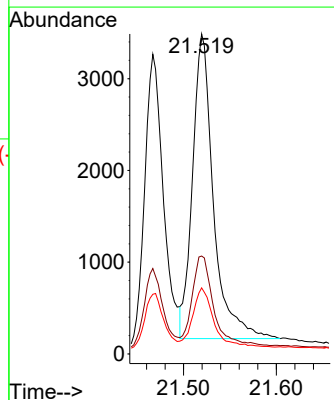
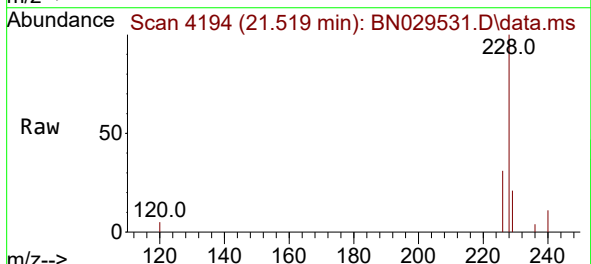
Instrument :
BNA_N
ClientSampleId :
SSTD0.2224

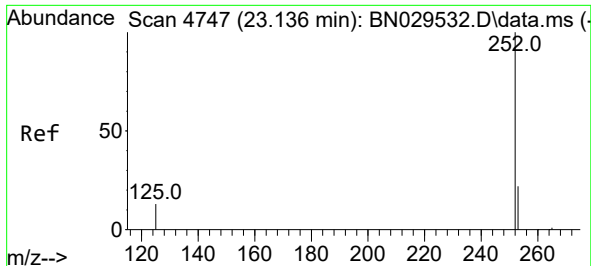
Tgt Ion:	228	Resp:	4601
Ion Ratio	Lower	Upper	
228	100		
229	19.9	15.7	23.5
226	28.5	22.2	33.4



#22
Chrysene
Concen: 0.211 ng/ul
RT: 21.519 min Scan# 4194
Delta R.T. 0.000 min
Lab File: BN029531.D
Acq: 06 Feb 2024 11:07

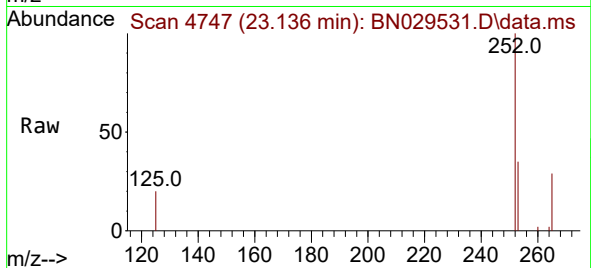
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Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.2	36.2
229	20.6	15.7	23.5



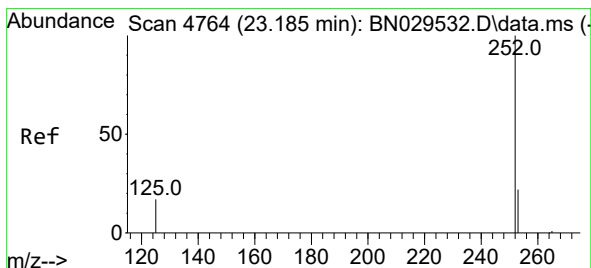
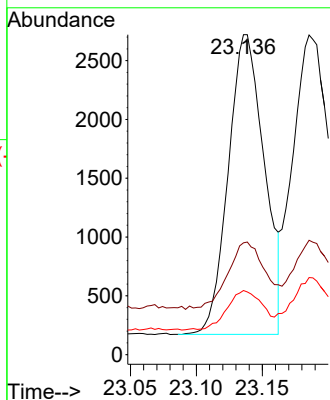
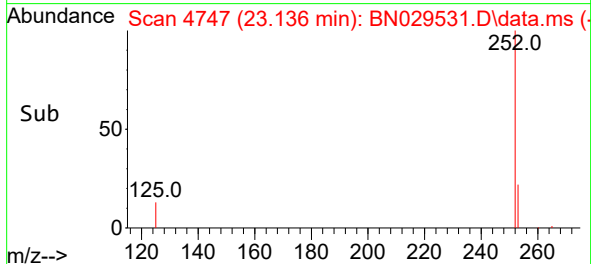


#24
Benzo(b)fluoranthene
Concen: 0.199 ng/ul
RT: 23.136 min Scan# 4747
Delta R.T. 0.000 min
Lab File: BN029531.D
Acq: 06 Feb 2024 11:07

Instrument :
BNA_N
ClientSampleId :
SSTD0.2224

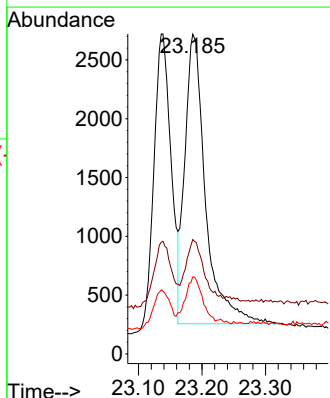
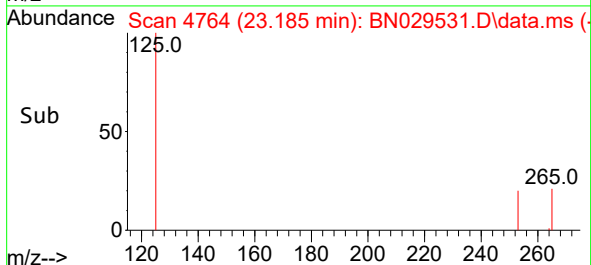
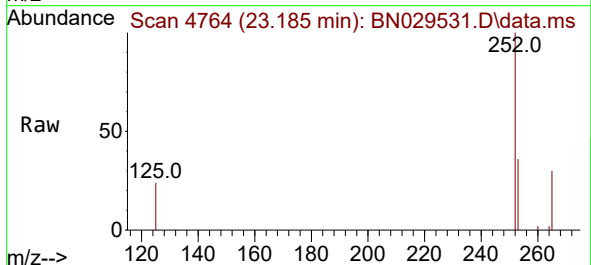


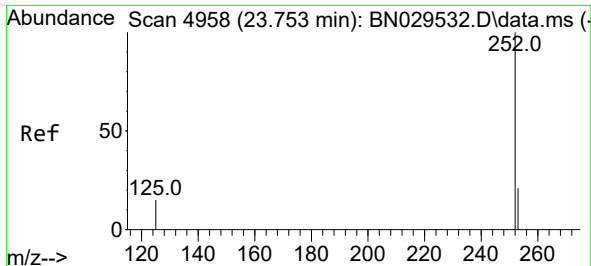
Tgt Ion:252 Resp: 4847
Ion Ratio Lower Upper
252 100
253 35.0 0.0 56.8
125 20.0 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.219 ng/ul
RT: 23.185 min Scan# 4764
Delta R.T. 0.000 min
Lab File: BN029531.D
Acq: 06 Feb 2024 11:07

Tgt Ion:252 Resp: 5585
Ion Ratio Lower Upper
252 100
253 35.8 22.6 33.8#
125 24.1 15.3 22.9#

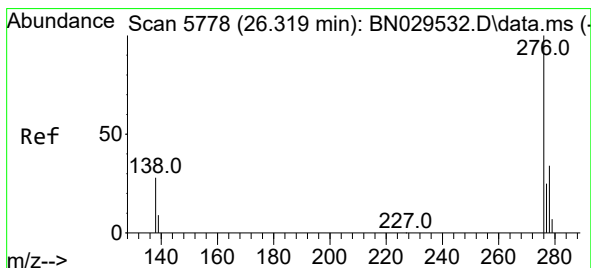
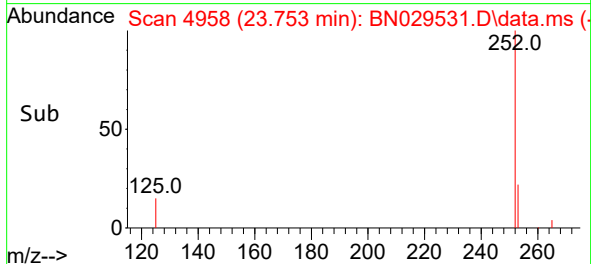
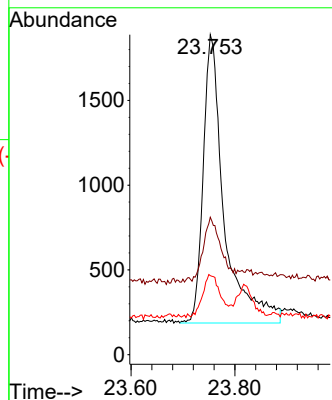
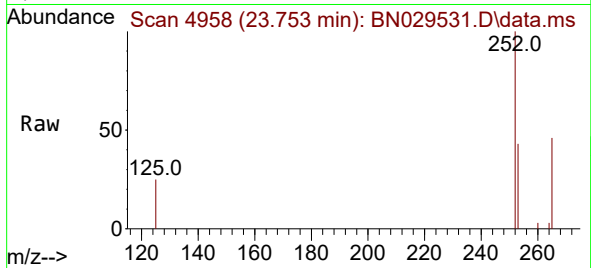




#26
Benzo(a)pyrene
Concen: 0.207 ng/ul
RT: 23.753 min Scan# 4958
Delta R.T. 0.000 min
Lab File: BN029531.D
Acq: 06 Feb 2024 11:07

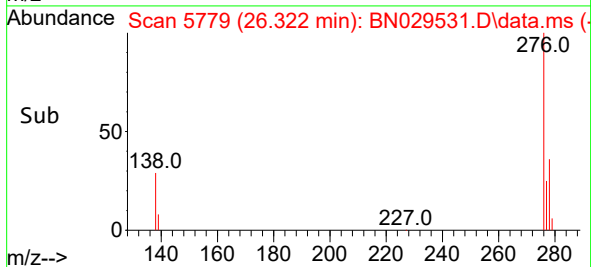
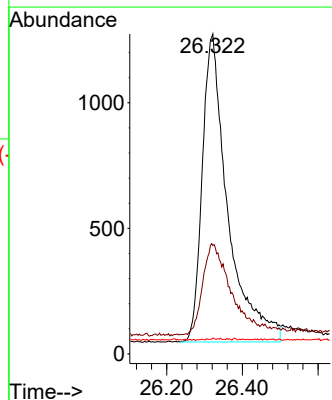
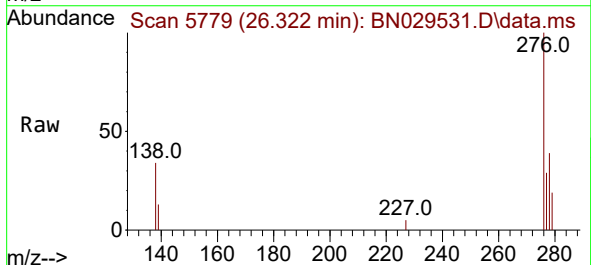
Instrument :
BNA_N
ClientSampleId :
SSTD0.2224

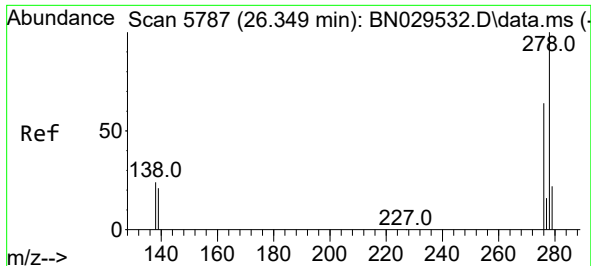
Tgt Ion:252 Resp: 4760
Ion Ratio Lower Upper
252 100
253 43.0 25.4 38.0#
125 24.7 16.0 24.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.225 ng/ul
RT: 26.322 min Scan# 5779
Delta R.T. 0.003 min
Lab File: BN029531.D
Acq: 06 Feb 2024 11:07

Tgt Ion:276 Resp: 5738
Ion Ratio Lower Upper
276 100
138 33.8 0.0 0.0#
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.219 ng/ul

RT: 26.352 min Scan# 51

Delta R.T. 0.003 min

Lab File: BN029531.D

Acq: 06 Feb 2024 11:07

Instrument :

BNA_N

ClientSampleId :

SSTD0.2224

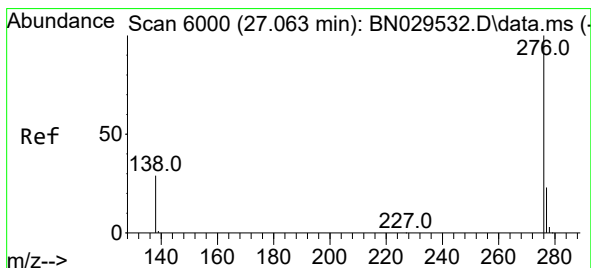
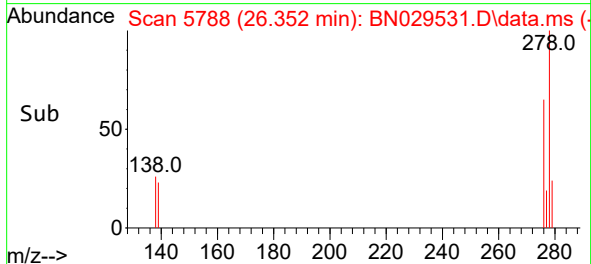
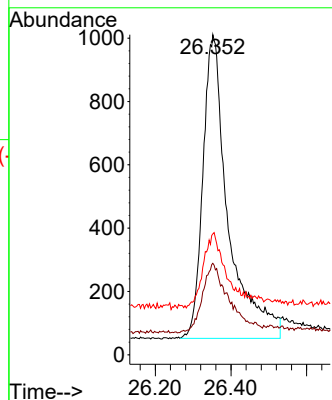
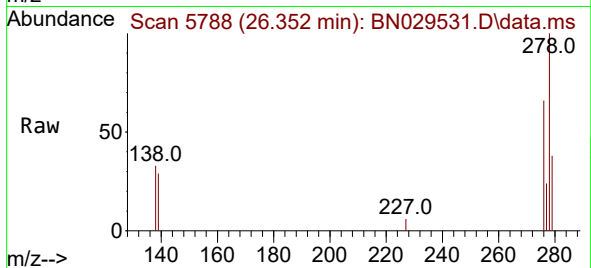
Tgt Ion:278 Resp: 4464

Ion Ratio Lower Upper

278 100

139 28.6 19.0 28.4#

279 37.8 22.6 34.0#



#29

Benzo(g,h,i)perylene

Concen: 0.257 ng/ul

RT: 27.067 min Scan# 6001

Delta R.T. 0.003 min

Lab File: BN029531.D

Acq: 06 Feb 2024 11:07

Tgt Ion:276 Resp: 5361

Ion Ratio Lower Upper

276 100

138 33.0 24.6 37.0

277 27.3 19.7 29.5

