

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021124\
 Data File : BN029659.D
 Acq On : 10 Feb 2024 23:02
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4341

Quant Time: Feb 11 23:23:32 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 : Sun Feb 11 23:18:17 2024
 Response via : Initial Calibration

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

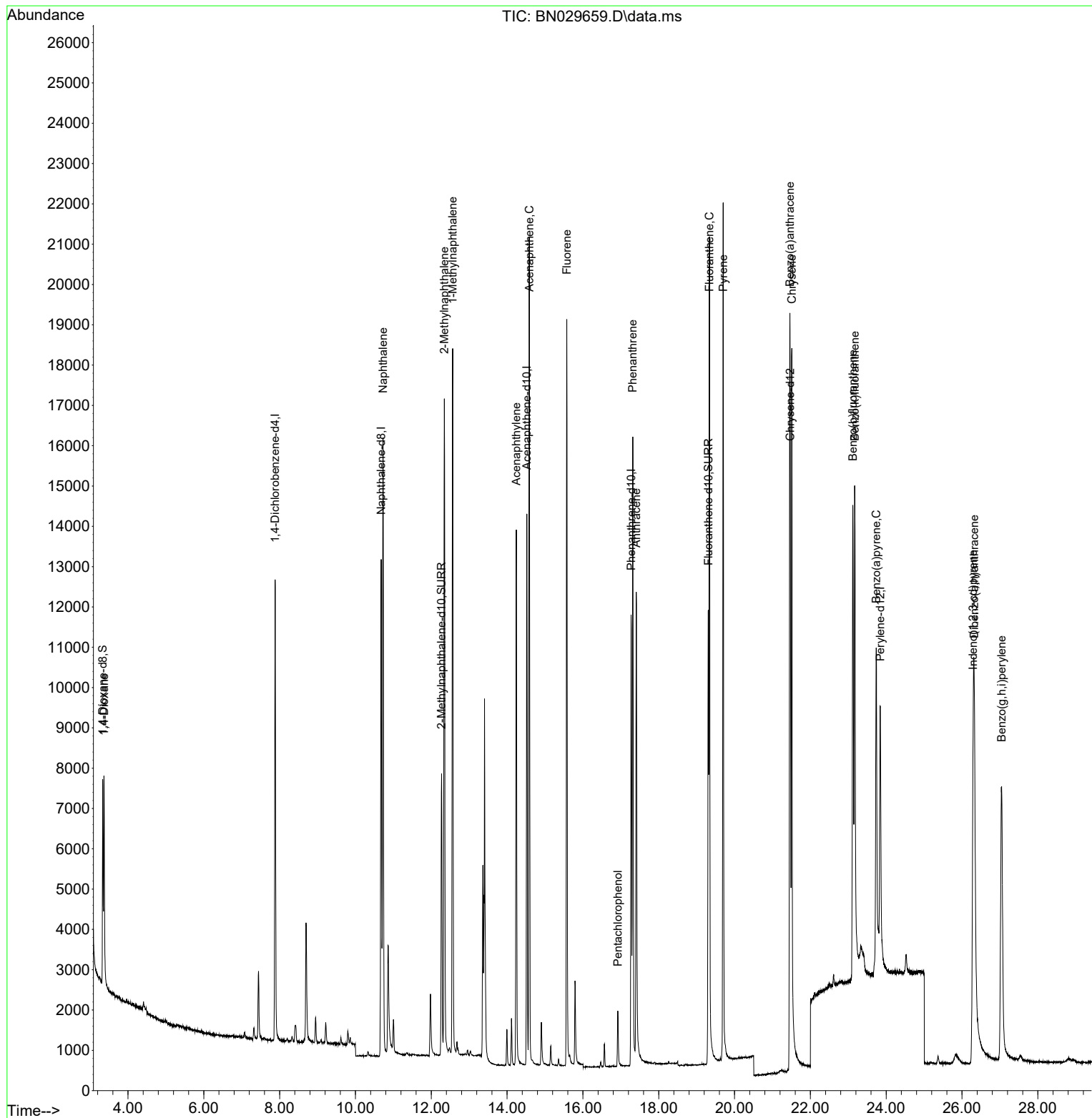
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.884	152	6131	0.400	ng/ul	0.00
4) Naphthalene-d8	10.678	136	17065	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.520	164	7518	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.272	188	13200	0.400	ng/ul	0.00
17) Chrysene-d12	21.471	240	10440	0.400	ng/ul	0.00
23) Perylene-d12	23.842	264	10267	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	3393	0.444	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.273	152	9662	0.445	ng/ul	0.00
18) Fluoranthene-d10	19.309	212	13068	0.381	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	3649	0.438	ng/ul	99
5) Naphthalene	10.727	128	21265	0.443	ng/ul	100
7) 2-Methylnaphthalene	12.344	142	12140	0.441	ng/ul	99
8) 1-Methylnaphthalene	12.564	142	12362	0.441	ng/ul	100
10) Acenaphthylene	14.243	152	15827	0.431	ng/ul	99
11) Acenaphthene	14.585	153	12144	0.436	ng/ul	99
12) Fluorene	15.575	166	12249	0.420	ng/ul	99
14) Pentachlorophenol	16.921	266	1048	0.356	ng/ul#	49
15) Phenanthrene	17.314	178	17513	0.425	ng/ul	99
16) Anthracene	17.407	178	14775	0.426	ng/ul	99
19) Fluoranthene	19.337	202	17800	0.371	ng/ul	99
20) Pyrene	19.699	202	18478	0.376	ng/ul	100
21) Benzo(a)anthracene	21.457	228	15606	0.415	ng/ul	99
22) Chrysene	21.509	228	16918	0.411	ng/ul	99
24) Benzo(b)fluoranthene	23.120	252	16573	0.429	ng/ul	98
25) Benzo(k)fluoranthene	23.170	252	18115	0.423	ng/ul	98
26) Benzo(a)pyrene	23.737	252	15846	0.436	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.294	276	19252	0.437	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.324	278	15178	0.439	ng/ul	99
29) Benzo(g,h,i)perylene	27.045	276	17026	0.425	ng/ul	99

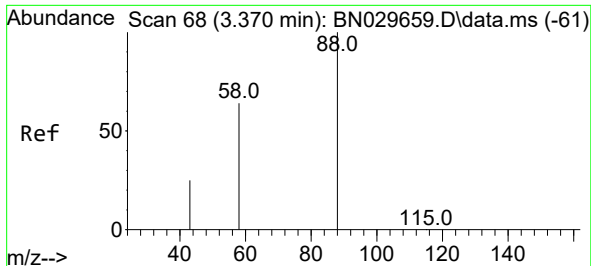
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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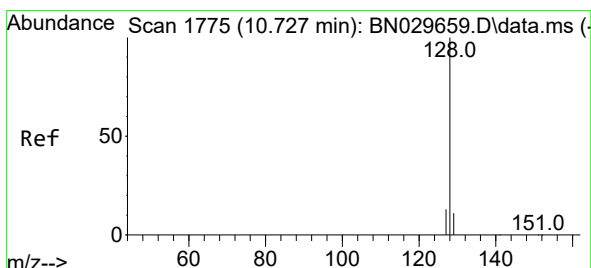
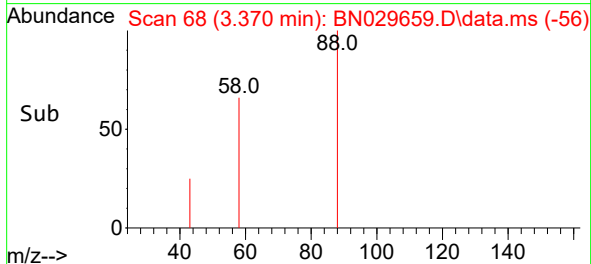
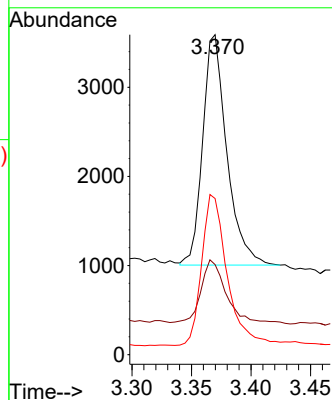
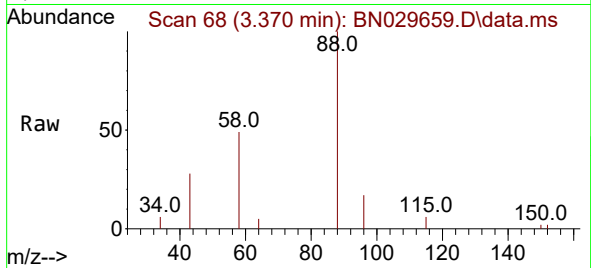




#2
1,4-Dioxane
Concen: 0.438 ng/ul
RT: 3.370 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN029659.D
Acq: 10 Feb 2024 23:02

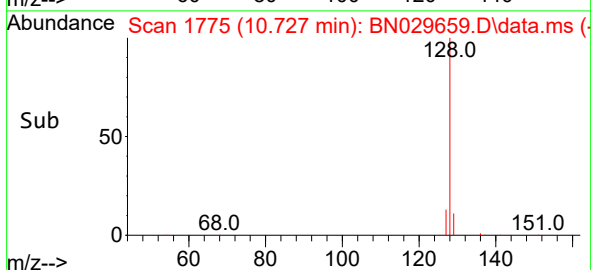
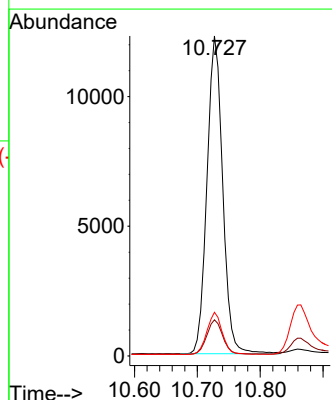
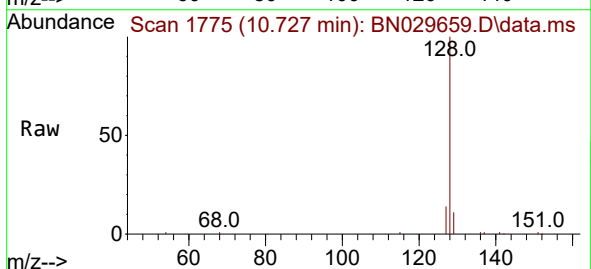
Instrument :
BNA_N
ClientSampleId :
SSTD0.4341

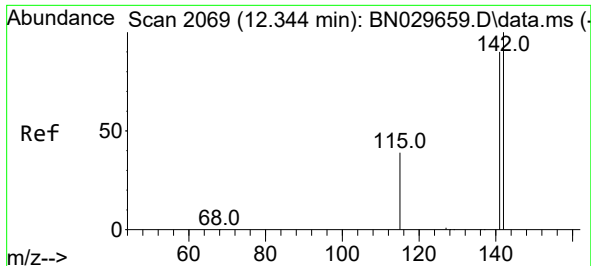
Tgt Ion: 88 Resp: 3649
Ion Ratio Lower Upper
88 100
43 28.1 21.8 32.6
58 48.8 39.3 58.9



#5
Naphthalene
Concen: 0.443 ng/ul
RT: 10.727 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BN029659.D
Acq: 10 Feb 2024 23:02

Tgt Ion: 128 Resp: 21265
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.7 11.0 16.6

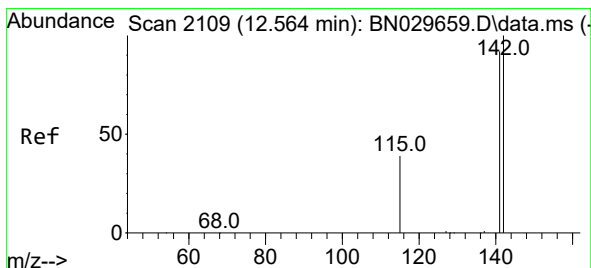
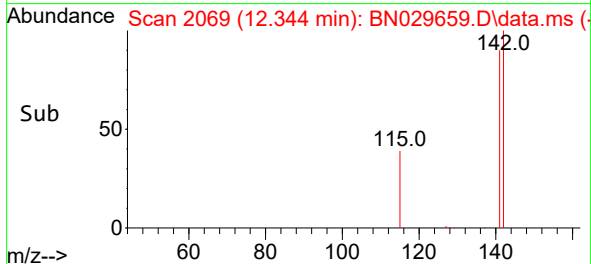
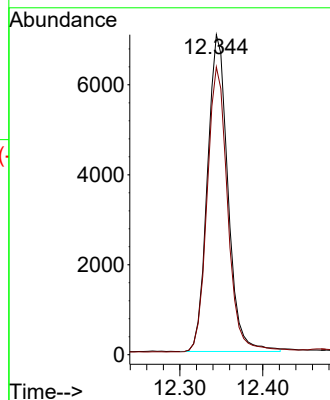
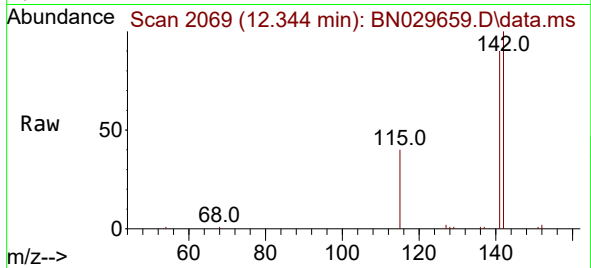




#7
2-Methylnaphthalene
Concen: 0.441 ng/ul
RT: 12.344 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BN029659.D
Acq: 10 Feb 2024 23:02

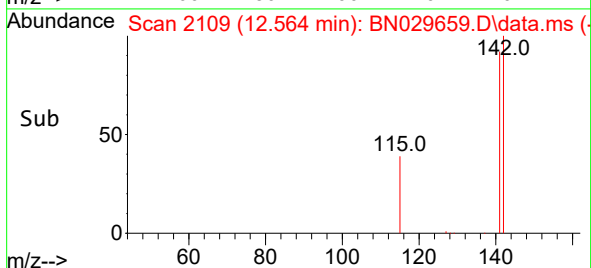
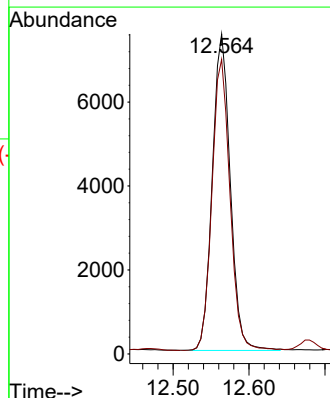
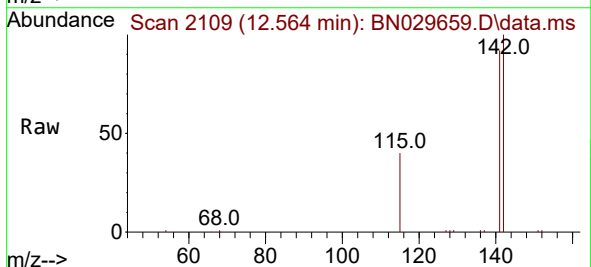
Instrument :
BNA_N
ClientSampleId :
SSTD0.4341

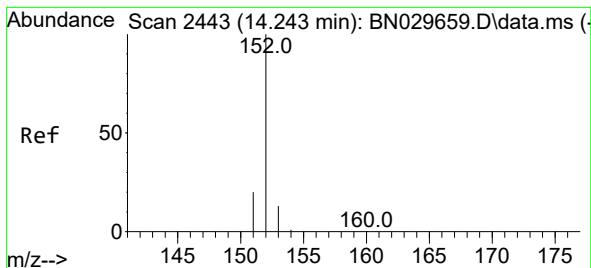
Tgt Ion:142 Resp: 12140
Ion Ratio Lower Upper
142 100
141 90.0 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.441 ng/ul
RT: 12.564 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BN029659.D
Acq: 10 Feb 2024 23:02

Tgt Ion:142 Resp: 12362
Ion Ratio Lower Upper
142 100
141 92.5 73.9 110.9





#10

Acenaphthylene

Concen: 0.431 ng/ul

RT: 14.243 min Scan# 2443

Delta R.T. 0.000 min

Lab File: BN029659.D

Acq: 10 Feb 2024 23:02

Instrument :

BNA_N

ClientSampleId :

SSTD0.4341

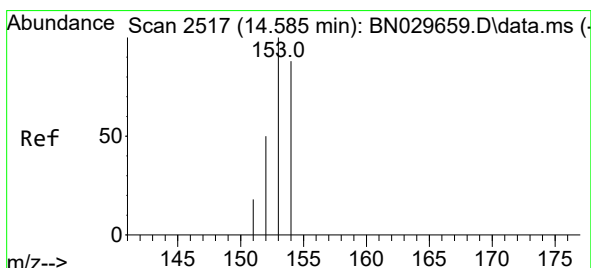
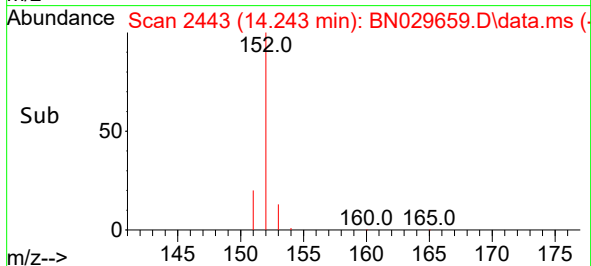
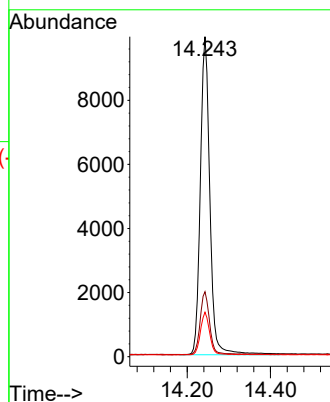
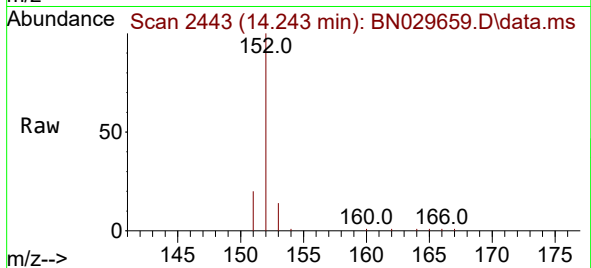
Tgt Ion:152 Resp: 15827

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

153 13.9 10.9 16.3



#11

Acenaphthene

Concen: 0.436 ng/ul

RT: 14.585 min Scan# 2517

Delta R.T. 0.000 min

Lab File: BN029659.D

Acq: 10 Feb 2024 23:02

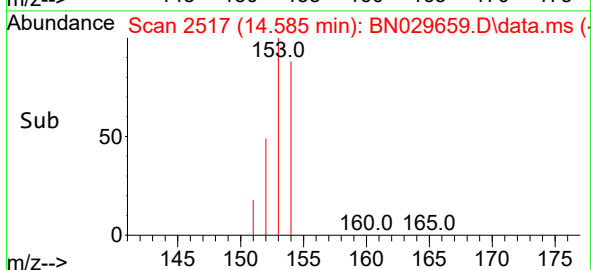
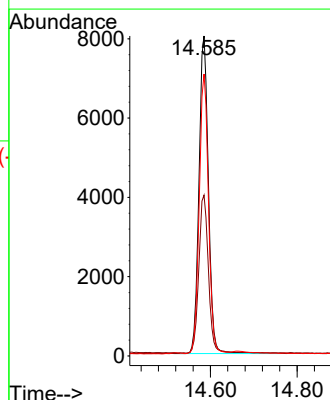
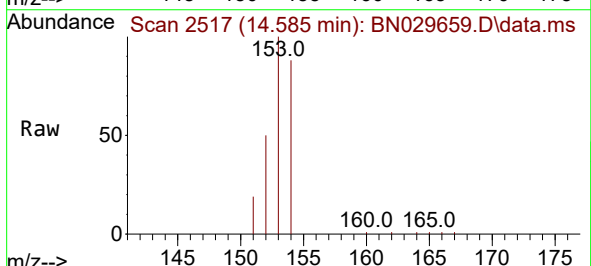
Tgt Ion:153 Resp: 12144

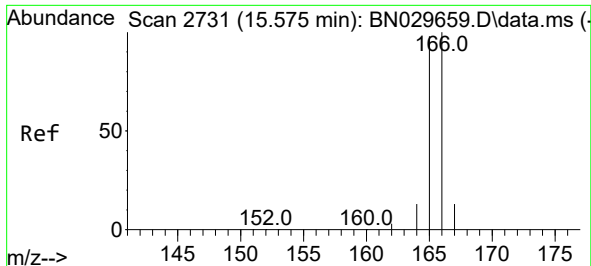
Ion Ratio Lower Upper

153 100

152 50.2 41.5 62.3

154 88.1 70.9 106.3

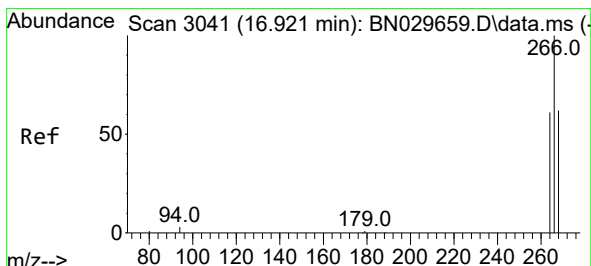
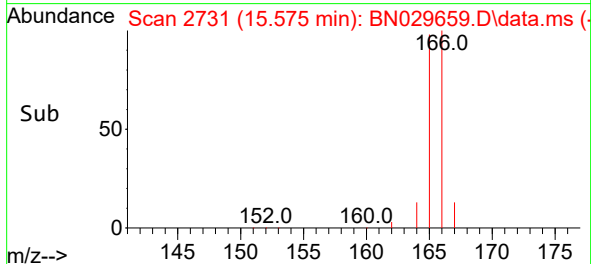
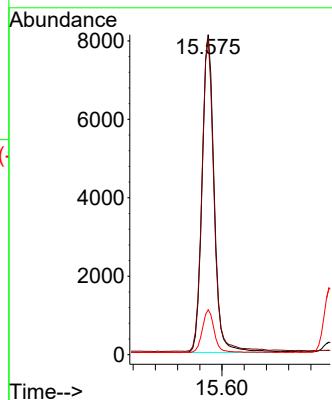
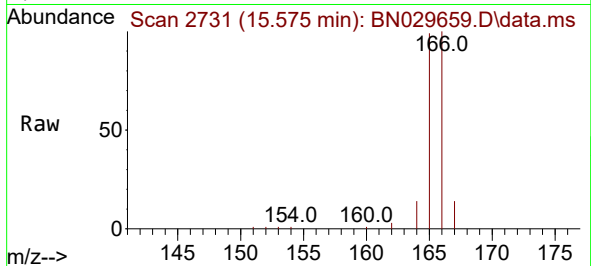




#12
Fluorene
Concen: 0.420 ng/ul
RT: 15.575 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN029659.D
Acq: 10 Feb 2024 23:02

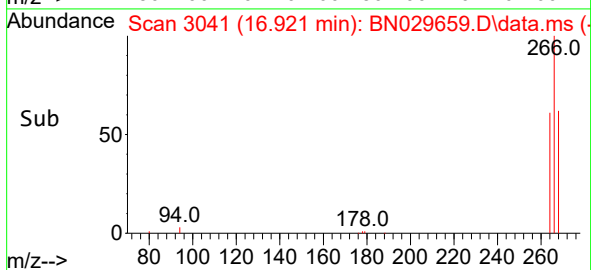
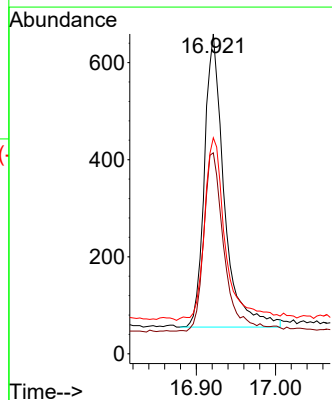
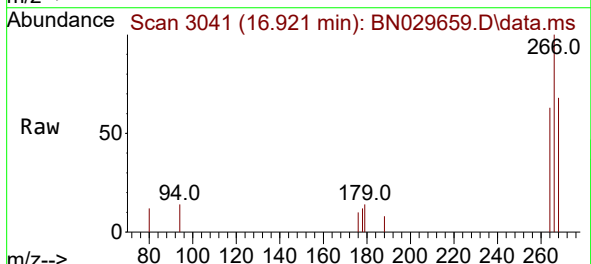
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SSTD0.4341

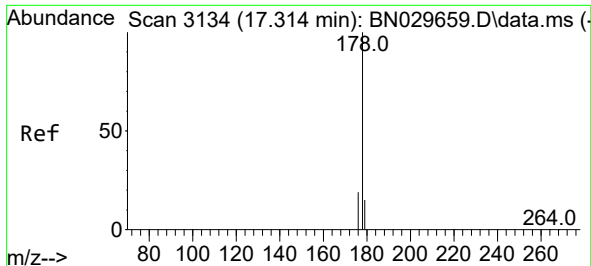
Tgt Ion:166 Resp: 12249
Ion Ratio Lower Upper
166 100
165 98.8 78.6 117.8
167 14.0 11.5 17.3



#14
Pentachlorophenol
Concen: 0.356 ng/ul
RT: 16.921 min Scan# 3041
Delta R.T. 0.000 min
Lab File: BN029659.D
Acq: 10 Feb 2024 23:02

Tgt Ion:266 Resp: 1048
Ion Ratio Lower Upper
266 100
264 62.6 0.0 0.0#
268 66.0 0.2 0.2#

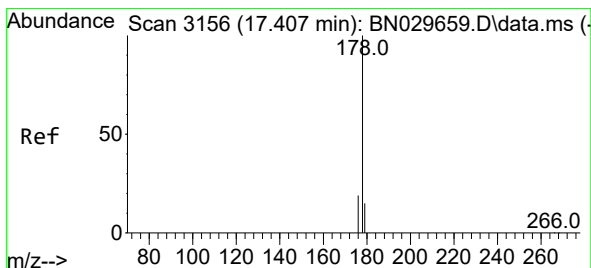
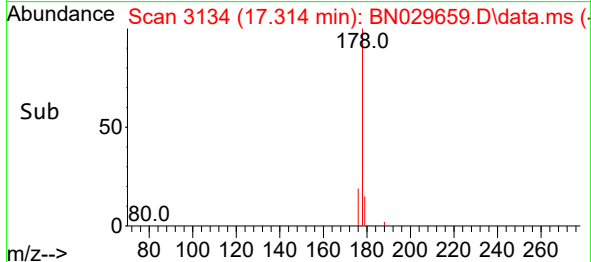
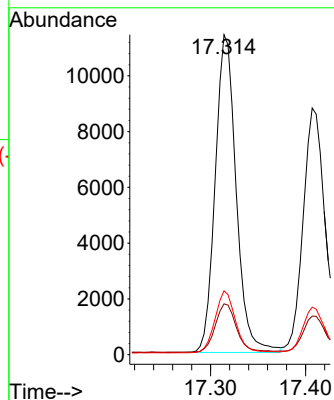
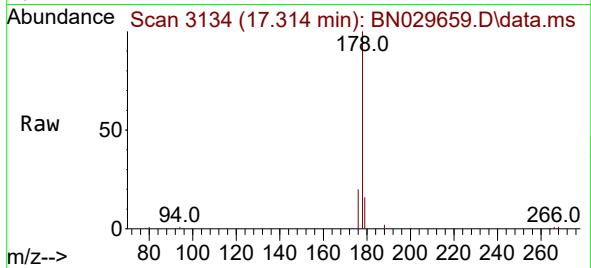




#15
Phenanthrene
Concen: 0.425 ng/ul
RT: 17.314 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BN029659.D
Acq: 10 Feb 2024 23:02

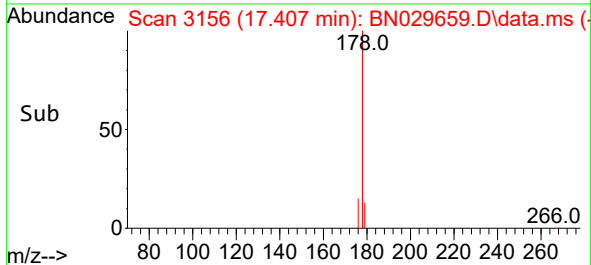
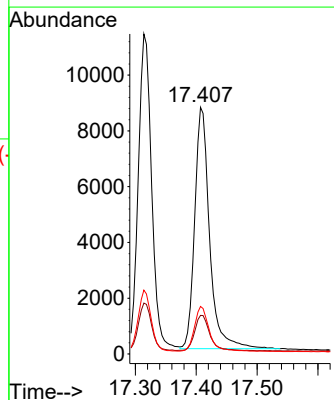
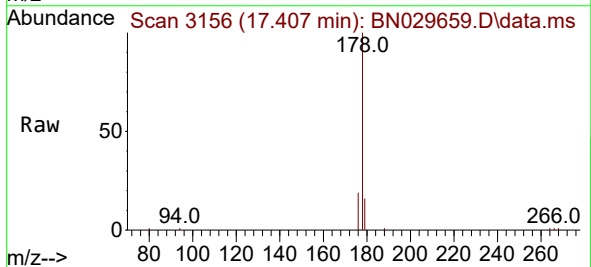
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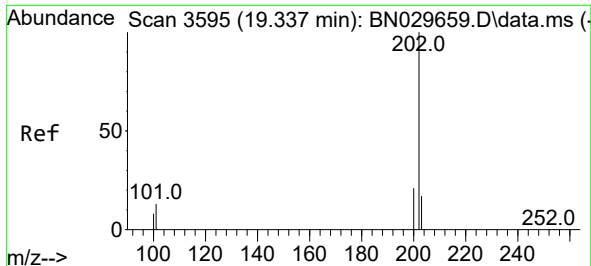
Tgt Ion:178 Resp: 17513
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.9 15.7 23.5



#16
Anthracene
Concen: 0.426 ng/ul
RT: 17.407 min Scan# 3156
Delta R.T. 0.000 min
Lab File: BN029659.D
Acq: 10 Feb 2024 23:02

Tgt Ion:178 Resp: 14775
Ion Ratio Lower Upper
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179 15.6 12.9 19.3
176 19.3 15.8 23.8

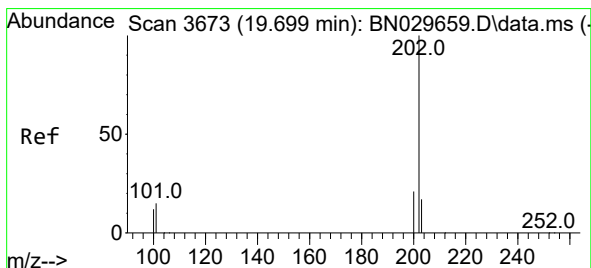
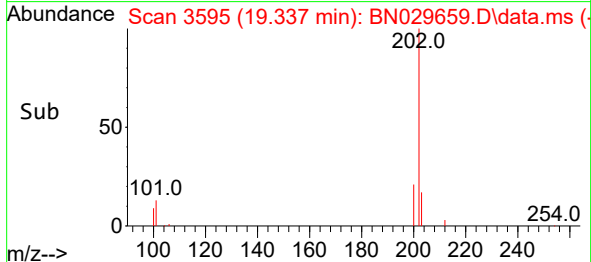
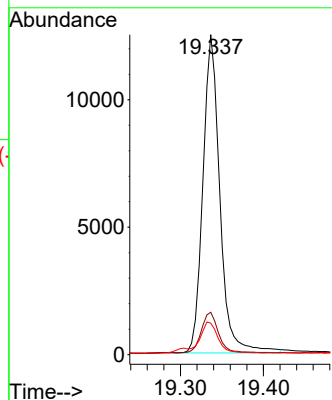
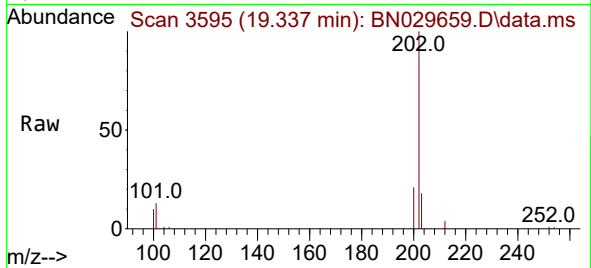




#19
Fluoranthene
Concen: 0.371 ng/ul
RT: 19.337 min Scan# 3595
Delta R.T. 0.000 min
Lab File: BN029659.D
Acq: 10 Feb 2024 23:02

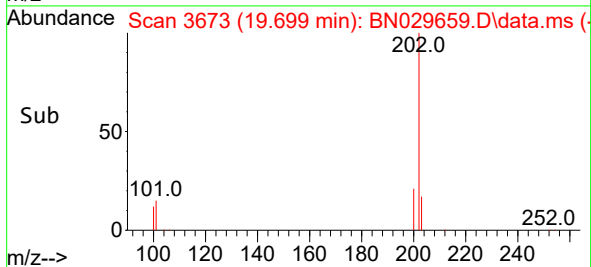
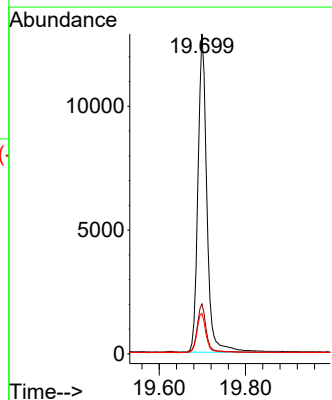
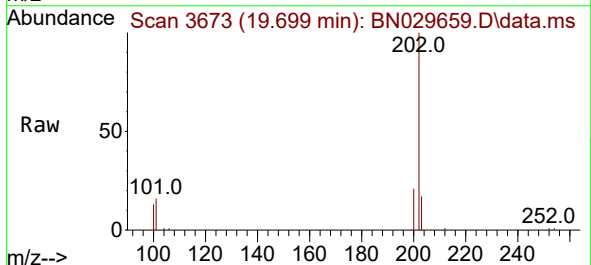
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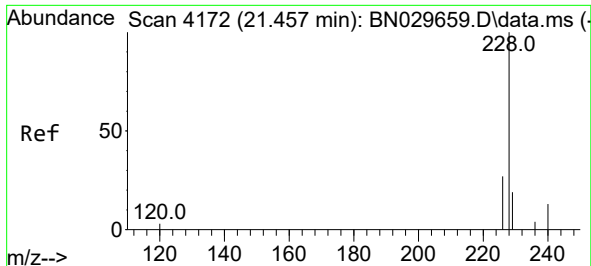
Tgt Ion:202 Resp: 17800
Ion Ratio Lower Upper
202 100
101 13.2 10.4 15.6
100 9.9 8.5 12.7



#20
Pyrene
Concen: 0.376 ng/ul
RT: 19.699 min Scan# 3673
Delta R.T. 0.000 min
Lab File: BN029659.D
Acq: 10 Feb 2024 23:02

Tgt Ion:202 Resp: 18478
Ion Ratio Lower Upper
202 100
101 15.6 12.5 18.7
100 12.6 10.0 15.0

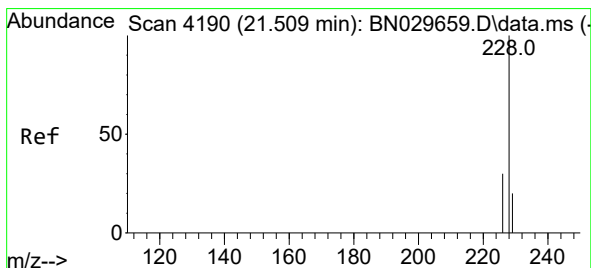
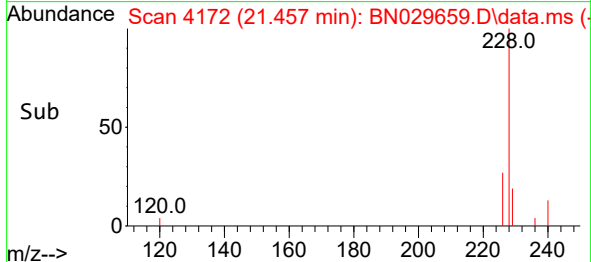
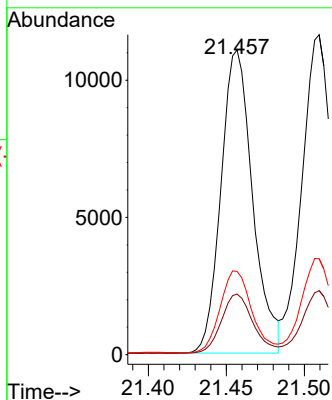
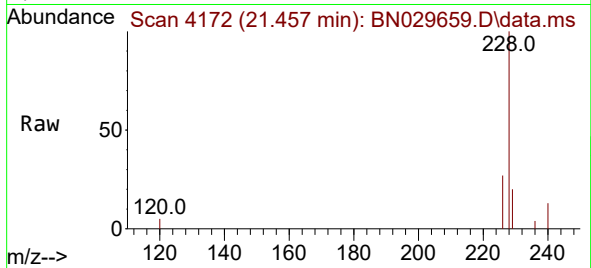




#21
Benzo(a)anthracene
Concen: 0.415 ng/ul
RT: 21.457 min Scan# 4172
Delta R.T. 0.000 min
Lab File: BN029659.D
Acq: 10 Feb 2024 23:02

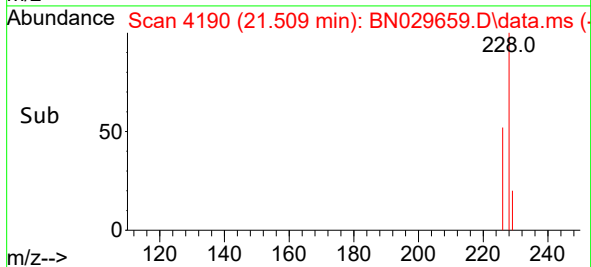
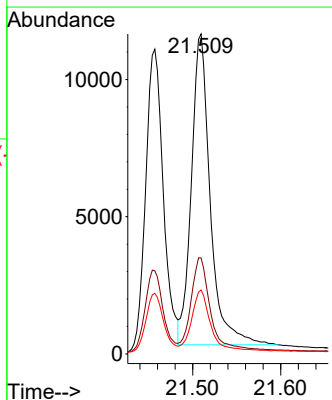
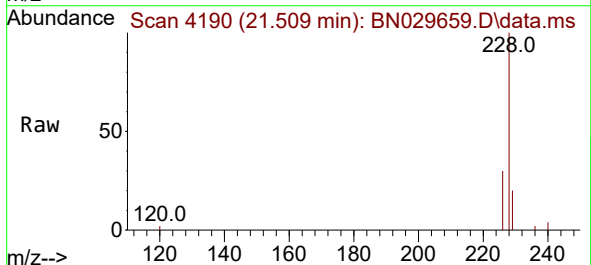
Instrument :
BNA_N
ClientSampleId :
SSTD0.4341

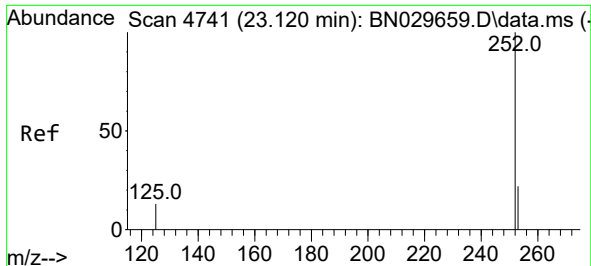
Tgt Ion:228 Resp: 15606
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 27.3 22.2 33.4



#22
Chrysene
Concen: 0.411 ng/ul
RT: 21.509 min Scan# 4190
Delta R.T. 0.000 min
Lab File: BN029659.D
Acq: 10 Feb 2024 23:02

Tgt Ion:228 Resp: 16918
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.2
229 20.0 15.7 23.5

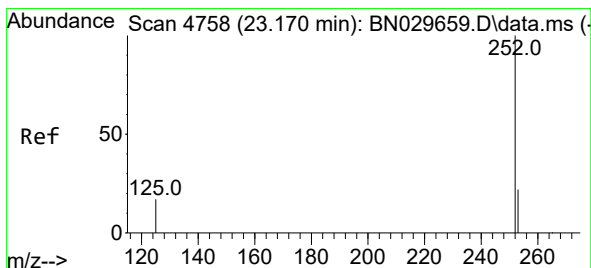
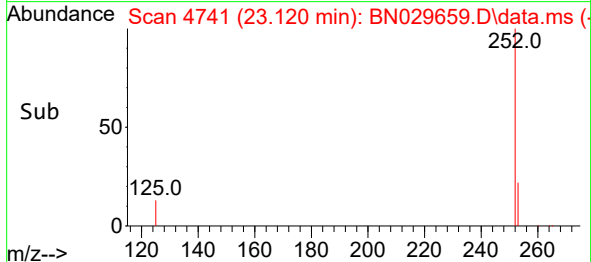
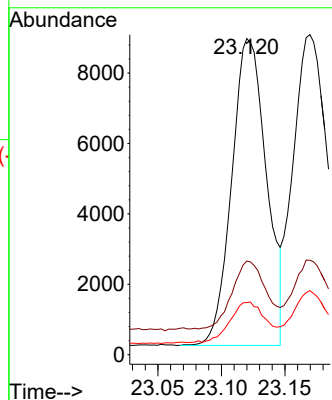
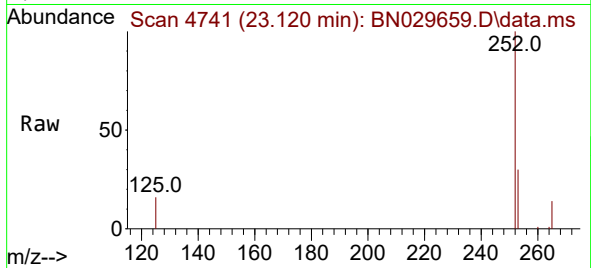




#24
Benzo(b)fluoranthene
Concen: 0.429 ng/ul
RT: 23.120 min Scan# 4741
Delta R.T. 0.000 min
Lab File: BN029659.D
Acq: 10 Feb 2024 23:02

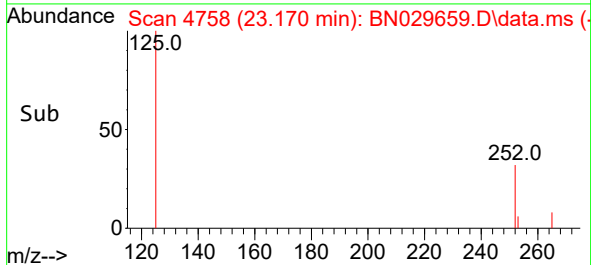
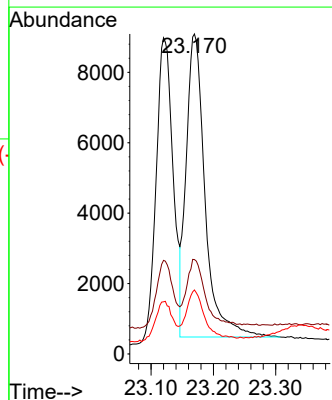
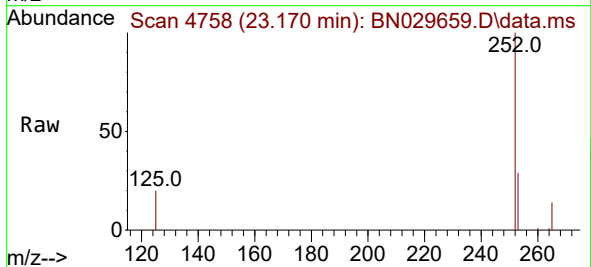
Instrument :
BNA_N
ClientSampleId :
SSTD0.4341

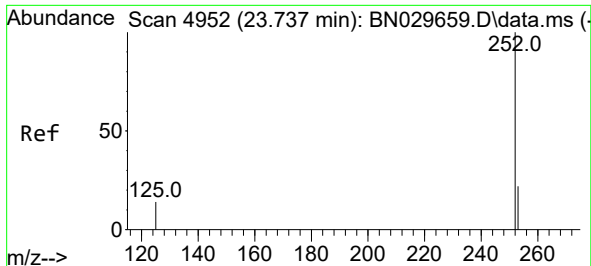
Tgt Ion:252 Resp: 16573
Ion Ratio Lower Upper
252 100
253 29.6 0.0 56.8
125 16.5 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.423 ng/ul
RT: 23.170 min Scan# 4758
Delta R.T. 0.000 min
Lab File: BN029659.D
Acq: 10 Feb 2024 23:02

Tgt Ion:252 Resp: 18115
Ion Ratio Lower Upper
252 100
253 29.5 22.6 33.8
125 20.0 15.3 22.9

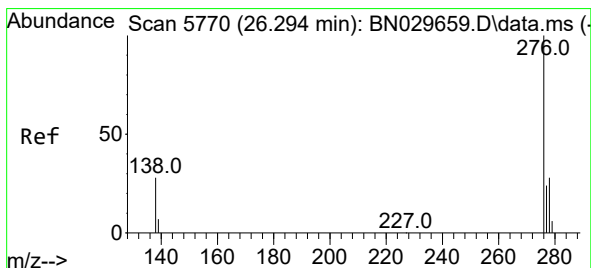
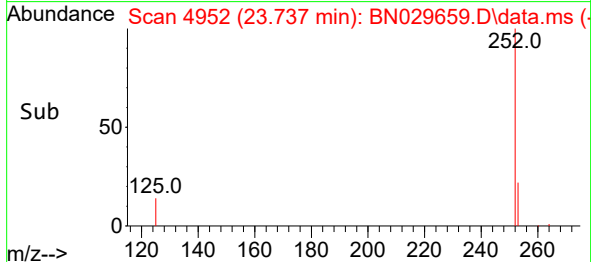
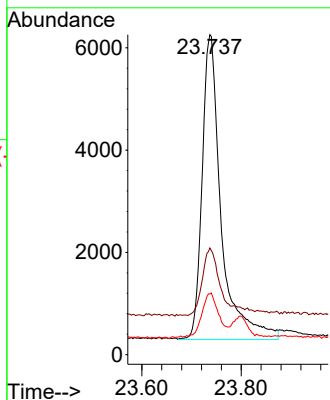
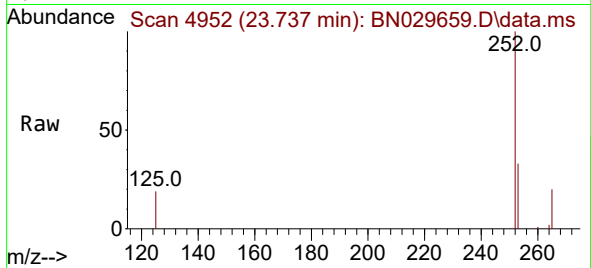




#26
Benzo(a)pyrene
Concen: 0.436 ng/ul
RT: 23.737 min Scan# 4952
Delta R.T. 0.000 min
Lab File: BN029659.D
Acq: 10 Feb 2024 23:02

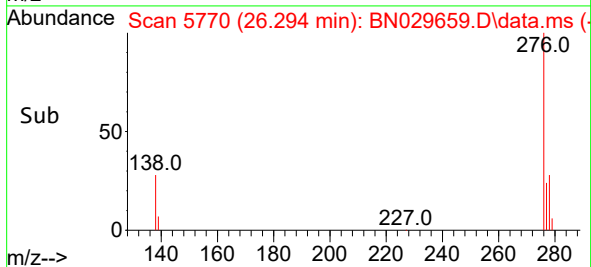
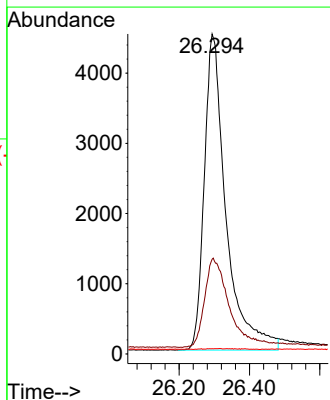
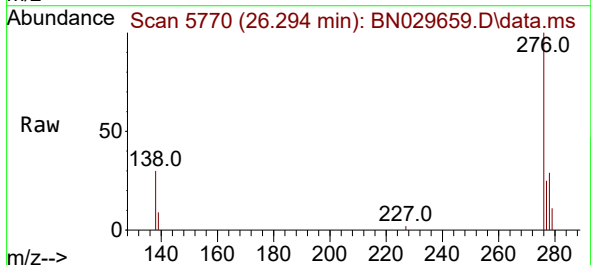
Instrument :
BNA_N
ClientSampleId :
SSTD0.4341

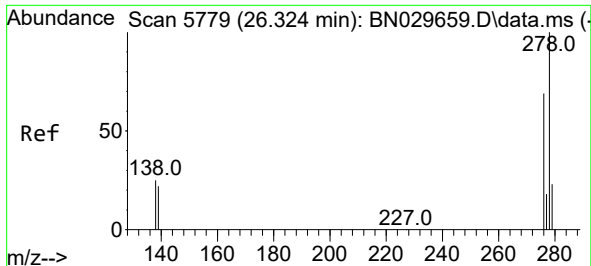
Tgt Ion:252 Resp: 15846
Ion Ratio Lower Upper
252 100
253 33.4 25.4 38.0
125 19.0 16.0 24.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.437 ng/ul
RT: 26.294 min Scan# 5770
Delta R.T. 0.000 min
Lab File: BN029659.D
Acq: 10 Feb 2024 23:02

Tgt Ion:276 Resp: 19252
Ion Ratio Lower Upper
276 100
138 32.5 0.0 0.0#
227 0.0 0.0 0.0#

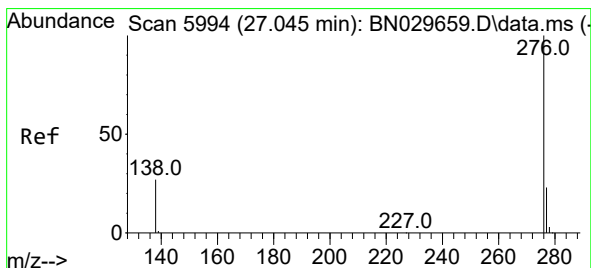
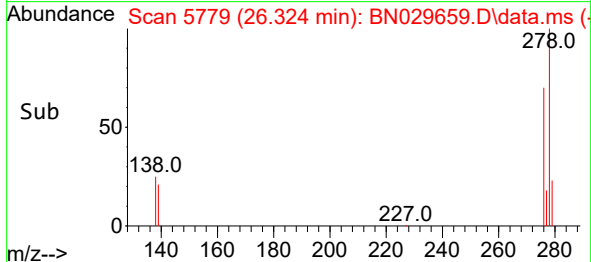
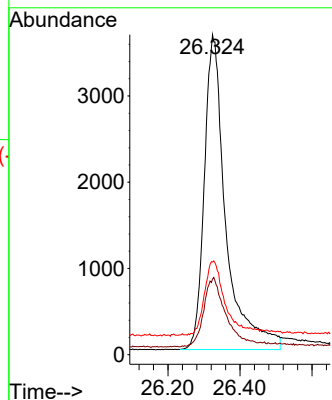
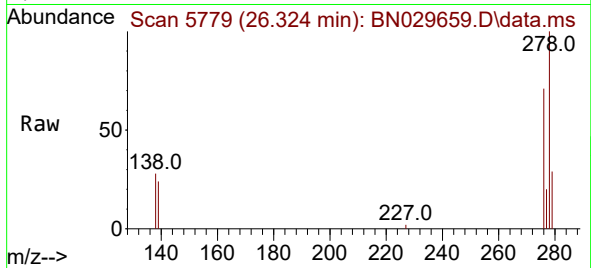




#28
Dibenzo(a,h)anthracene
Concen: 0.439 ng/ul
RT: 26.324 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN029659.D
Acq: 10 Feb 2024 23:02

Instrument :
BNA_N
ClientSampleId :
SSTD0.4341

Tgt Ion:278 Resp: 15178
Ion Ratio Lower Upper
278 100
139 23.7 19.0 28.4
279 28.9 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.425 ng/ul
RT: 27.045 min Scan# 5994
Delta R.T. 0.000 min
Lab File: BN029659.D
Acq: 10 Feb 2024 23:02

Tgt Ion:276 Resp: 17026
Ion Ratio Lower Upper
276 100
138 29.5 24.6 37.0
277 24.8 19.7 29.5

