

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
 Data File : BN030119.D
 Acq On : 28 Feb 2024 08:12
 Operator : MA/JU
 Sample : PB159258BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS258

Quant Time: Feb 28 08:38:34 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 : Tue Feb 27 23:49:29 2024
 Response via : Initial Calibration

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

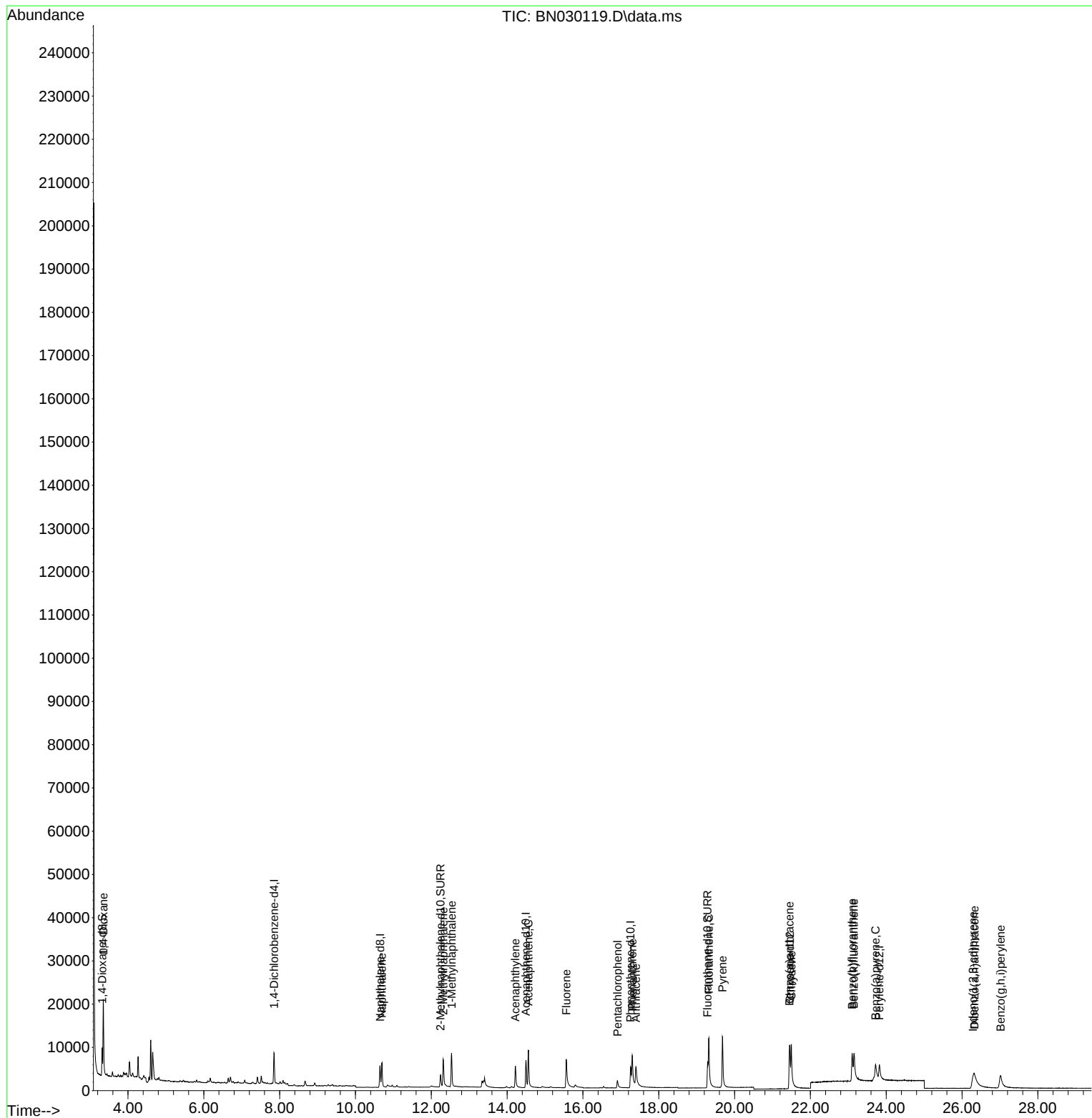
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	3858	0.400	ng/ul	0.00
4) Naphthalene-d8	10.649	136	7858	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.496	164	4354	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.258	188	8733	0.400	ng/ul	0.00
17) Chrysene-d12	21.459	240	7031	0.400	ng/ul	0.00
23) Perylene-d12	23.820	264	5897	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	3933	0.818	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.244	152	4541	0.454	ng/ul	0.00
18) Fluoranthene-d10	19.289	212	9658	0.418	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.349	88	11155	2.130	ng/ul#	82
5) Naphthalene	10.699	128	8495	0.384	ng/ul	99
7) 2-Methylnaphthalene	12.315	142	5523	0.436	ng/ul	100
8) 1-Methylnaphthalene	12.535	142	5867	0.454	ng/ul	98
10) Acenaphthylene	14.218	152	8039	0.378	ng/ul	97
11) Acenaphthene	14.561	153	6445	0.399	ng/ul	99
12) Fluorene	15.560	166	7309	0.433	ng/ul	97
14) Pentachlorophenol	16.912	266	1761	0.904	ng/ul#	50
15) Phenanthrene	17.300	178	10904	0.400	ng/ul	97
16) Anthracene	17.397	178	9145	0.398	ng/ul	97
19) Fluoranthene	19.321	202	12935	0.401	ng/ul	100
20) Pyrene	19.679	202	14030	0.424	ng/ul	99
21) Benzo(a)anthracene	21.444	228	9313	0.367	ng/ul	98
22) Chrysene	21.497	228	11787	0.425	ng/ul	99
24) Benzo(b)fluoranthene	23.101	252	10479	0.472	ng/ul	99
25) Benzo(k)fluoranthene	23.148	252	12506	0.508	ng/ul	99
26) Benzo(a)pyrene	23.718	252	9718	0.466	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.286	276	10691	0.422	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.326	278	8022	0.404	ng/ul#	89
29) Benzo(g,h,i)perylene	27.017	276	10315	0.449	ng/ul	98

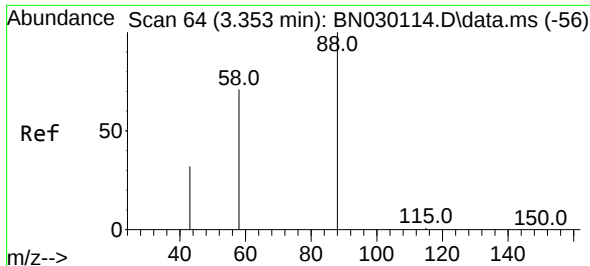
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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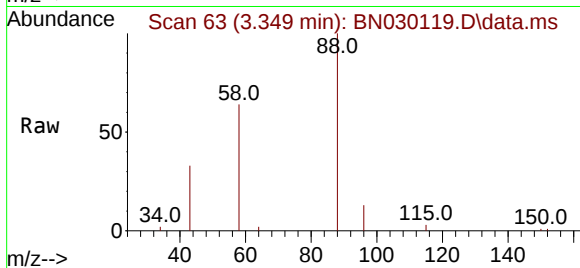
Quant Time: Feb 28 08:38:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 23:49:29 2024
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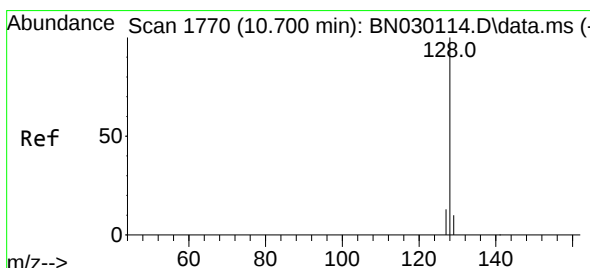
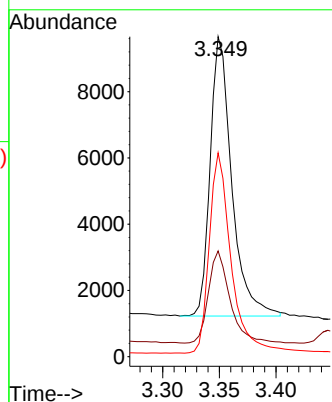
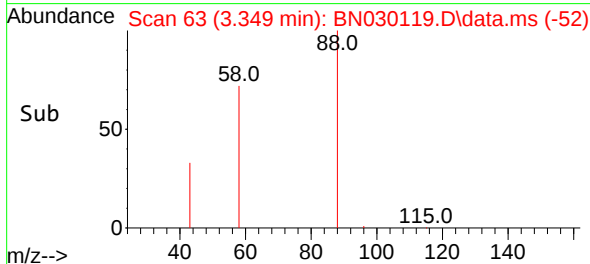


#2
1,4-Dioxane
Concen: 2.130 ng/ul
RT: 3.349 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN030119.D
Acq: 28 Feb 2024 08:12

Instrument :
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ClientSampleId :
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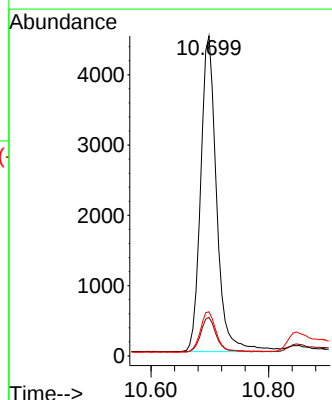
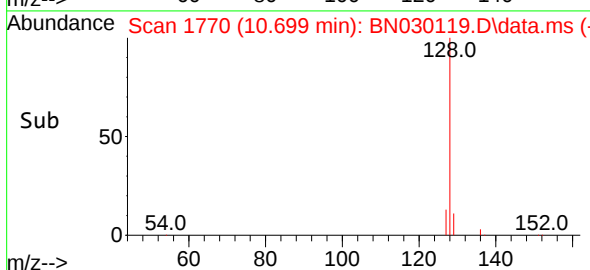
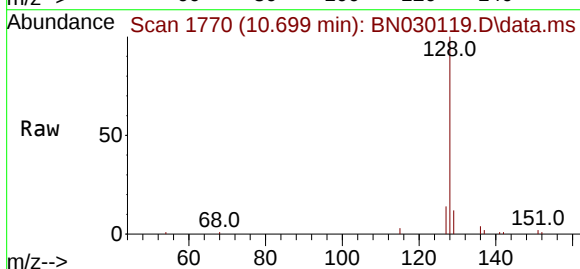


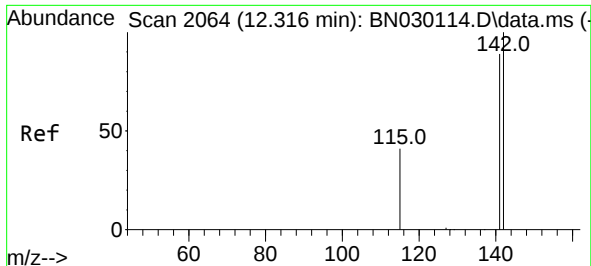
Tgt Ion: 88 Resp: 11155
Ion Ratio Lower Upper
88 100
43 33.0 21.8 32.6#
58 63.7 39.3 58.9#



#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.699 min Scan# 1770
Delta R.T. -0.001 min
Lab File: BN030119.D
Acq: 28 Feb 2024 08:12

Tgt Ion: 128 Resp: 8495
Ion Ratio Lower Upper
128 100
129 12.1 9.1 13.7
127 13.8 11.0 16.6

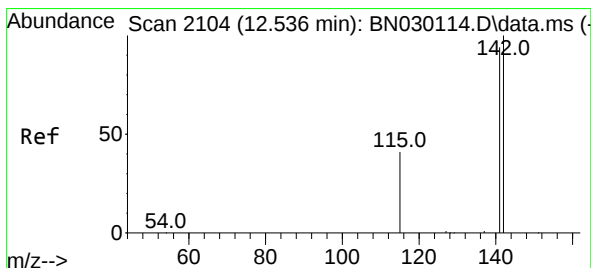
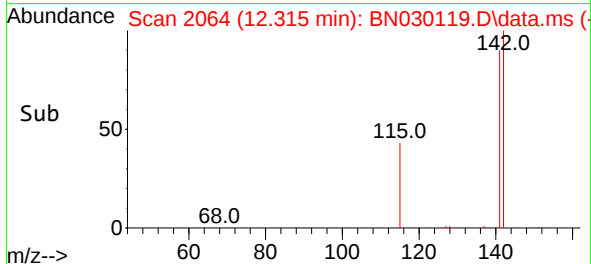
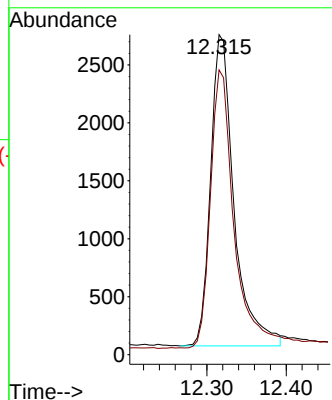
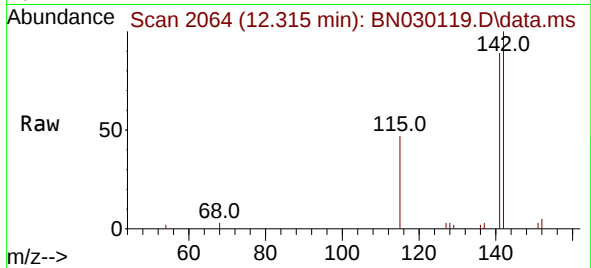




#7
2-Methylnaphthalene
Concen: 0.436 ng/ul
RT: 12.315 min Scan# 2064
Delta R.T. -0.001 min
Lab File: BN030119.D
Acq: 28 Feb 2024 08:12

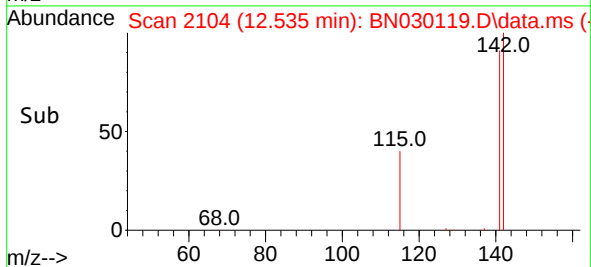
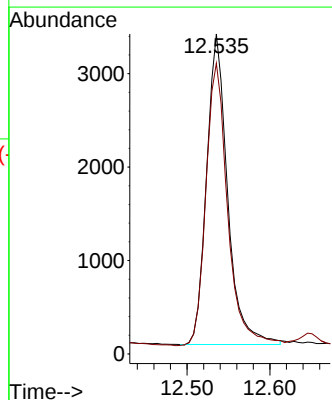
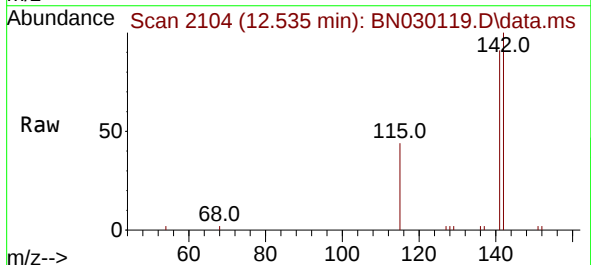
Instrument :
BNA_N
ClientSampleId :
SLCS258

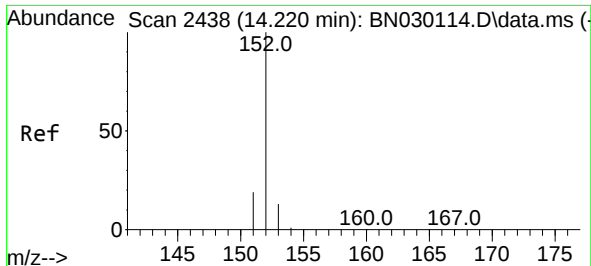
Tgt Ion:142 Resp: 5523
Ion Ratio Lower Upper
142 100
141 89.8 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.454 ng/ul
RT: 12.535 min Scan# 2104
Delta R.T. -0.001 min
Lab File: BN030119.D
Acq: 28 Feb 2024 08:12

Tgt Ion:142 Resp: 5867
Ion Ratio Lower Upper
142 100
141 94.0 73.9 110.9

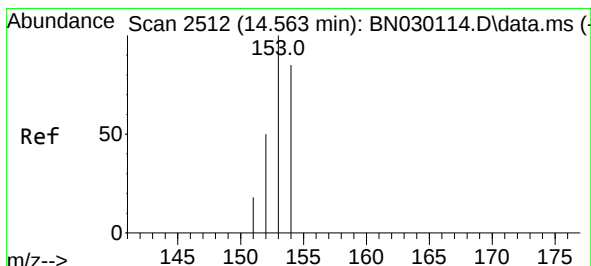
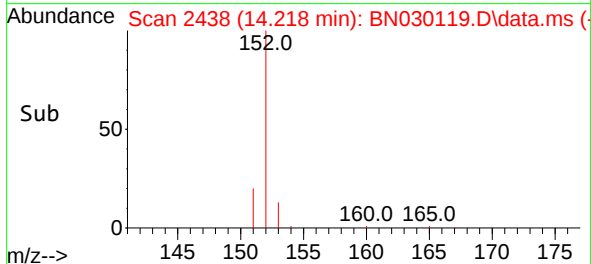
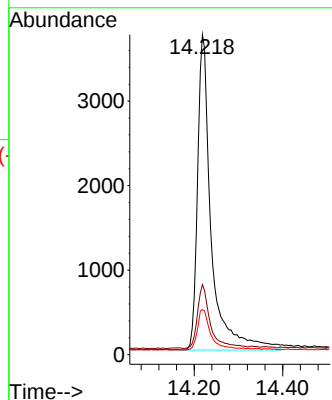
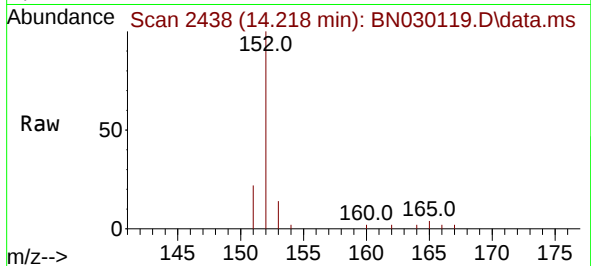




#10
Acenaphthylene
Concen: 0.378 ng/ul
RT: 14.218 min Scan# 2438
Delta R.T. -0.001 min
Lab File: BN030119.D
Acq: 28 Feb 2024 08:12

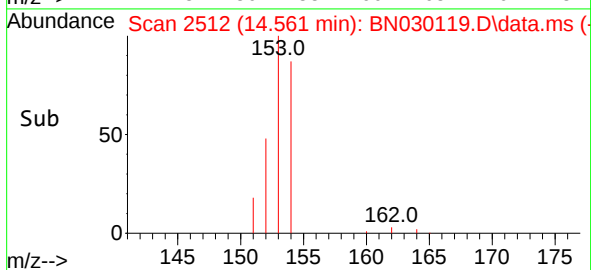
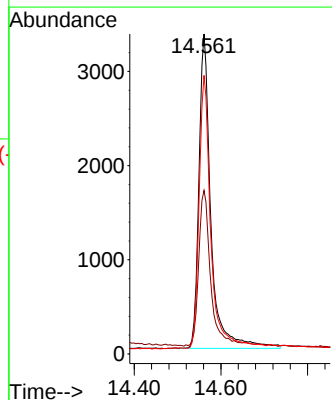
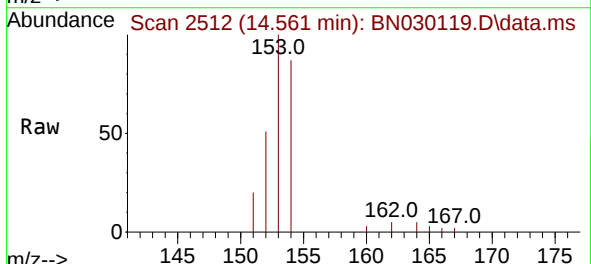
Instrument :
BNA_N
ClientSampleId :
SLCS258

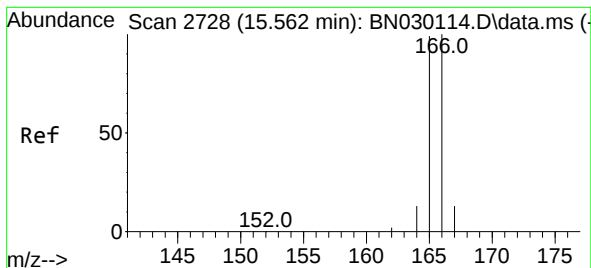
Tgt Ion:152 Resp: 8039
Ion Ratio Lower Upper
152 100
151 21.9 15.8 23.8
153 14.1 10.9 16.3



#11
Acenaphthene
Concen: 0.399 ng/ul
RT: 14.561 min Scan# 2512
Delta R.T. -0.001 min
Lab File: BN030119.D
Acq: 28 Feb 2024 08:12

Tgt Ion:153 Resp: 6445
Ion Ratio Lower Upper
153 100
152 51.1 41.5 62.3
154 87.1 70.9 106.3





#12

Fluorene

Concen: 0.433 ng/ul

RT: 15.560 min Scan# 21

Delta R.T. -0.001 min

Lab File: BN030119.D

Acq: 28 Feb 2024 08:12

Instrument :

BNA_N

ClientSampleId :

SLCS258

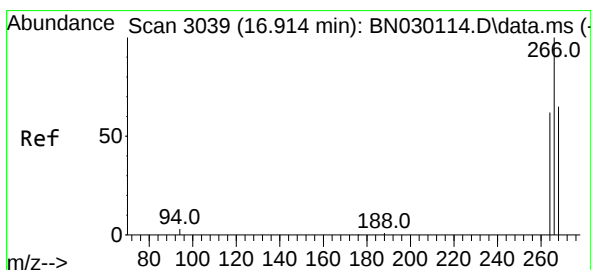
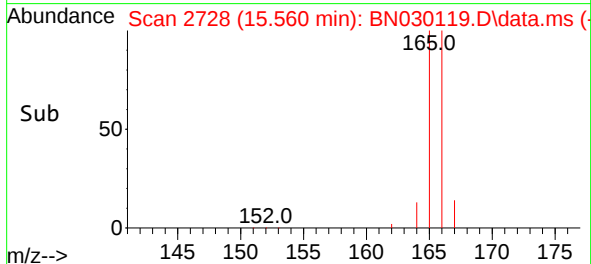
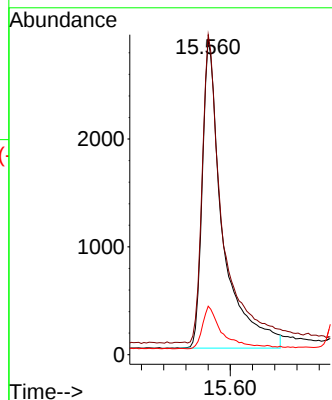
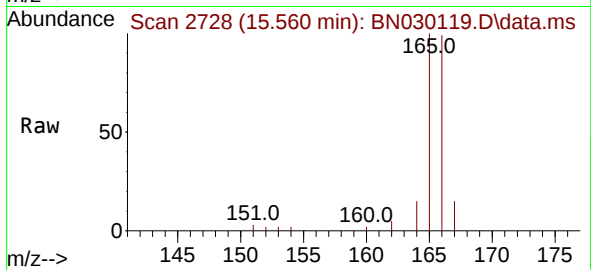
Tgt Ion:166 Resp: 7309

Ion Ratio Lower Upper

166 100

165 101.3 78.6 117.8

167 15.4 11.5 17.3



#14

Pentachlorophenol

Concen: 0.904 ng/ul

RT: 16.912 min Scan# 3039

Delta R.T. -0.005 min

Lab File: BN030119.D

Acq: 28 Feb 2024 08:12

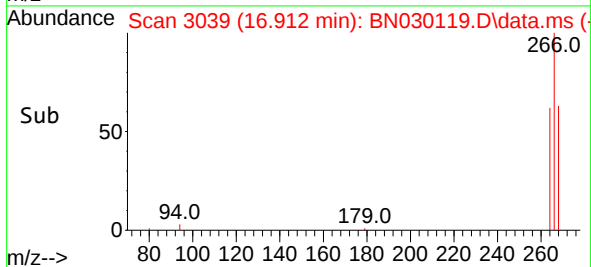
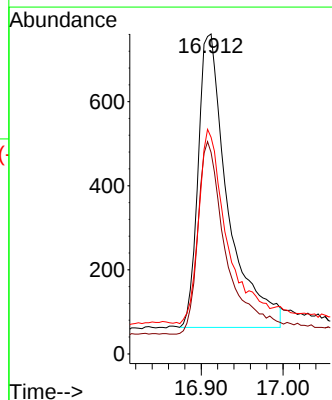
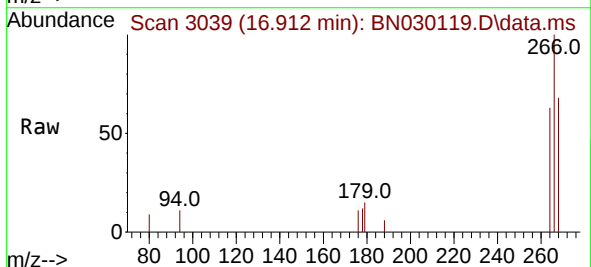
Tgt Ion:266 Resp: 1761

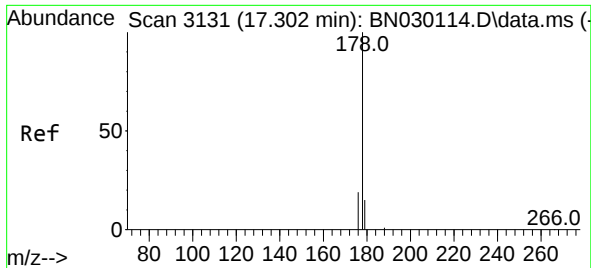
Ion Ratio Lower Upper

266 100

264 63.1 0.0 0.0#

268 64.1 0.2 0.2#

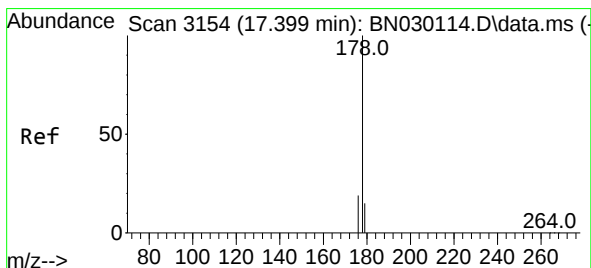
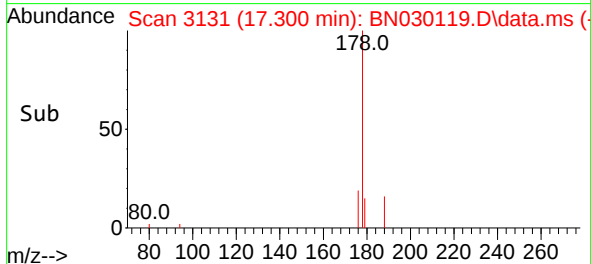
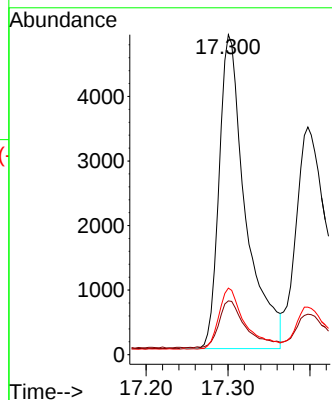
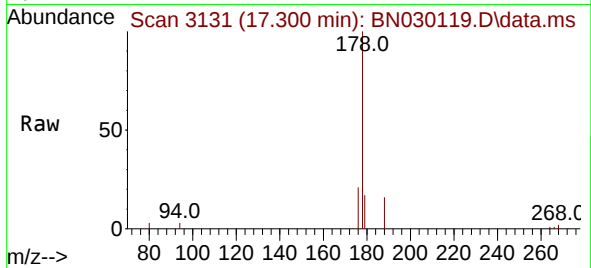




#15
Phenanthrene
Concen: 0.400 ng/u1
RT: 17.300 min Scan# 3131
Delta R.T. -0.001 min
Lab File: BN030119.D
Acq: 28 Feb 2024 08:12

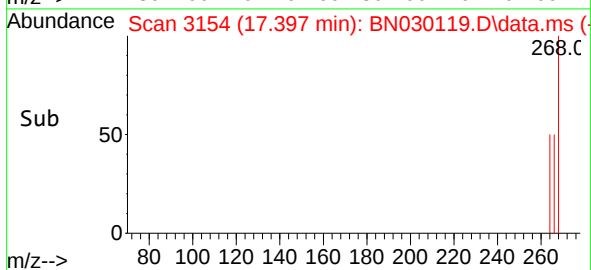
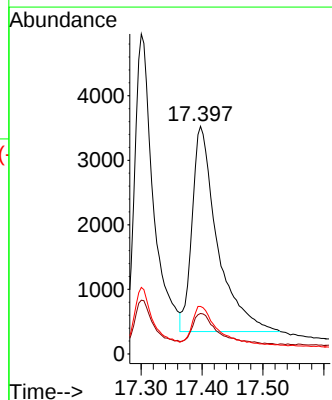
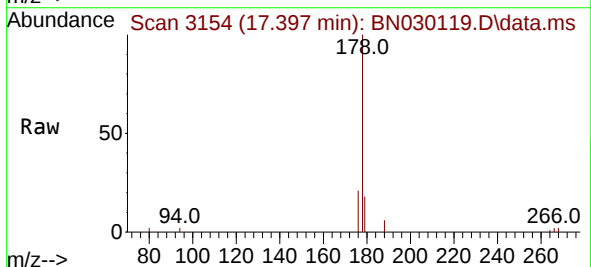
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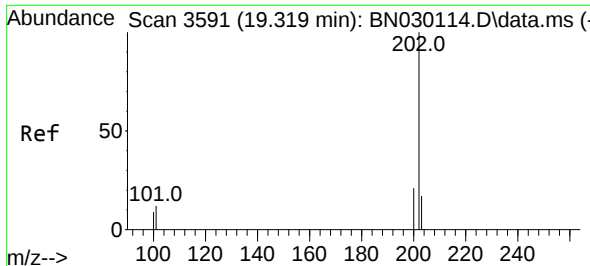
Tgt Ion:178 Resp: 10904
Ion Ratio Lower Upper
178 100
179 16.8 12.6 18.8
176 20.8 15.7 23.5



#16
Anthracene
Concen: 0.398 ng/u1
RT: 17.397 min Scan# 3154
Delta R.T. -0.001 min
Lab File: BN030119.D
Acq: 28 Feb 2024 08:12

Tgt Ion:178 Resp: 9145
Ion Ratio Lower Upper
178 100
179 17.8 12.9 19.3
176 20.9 15.8 23.8

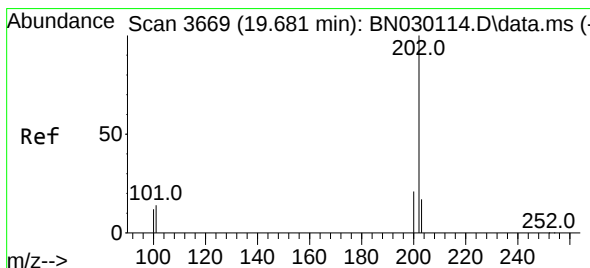
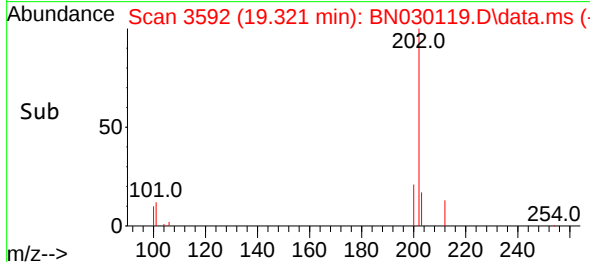
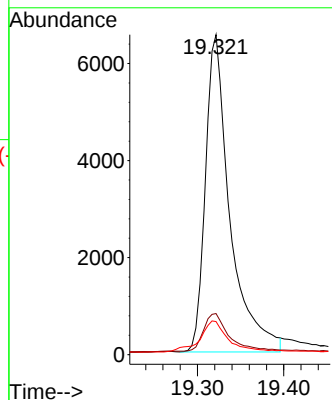
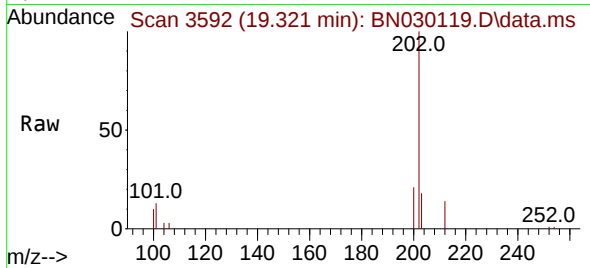




#19
Fluoranthene
Concen: 0.401 ng/ul
RT: 19.321 min Scan# 3592
Delta R.T. -0.001 min
Lab File: BN030119.D
Acq: 28 Feb 2024 08:12

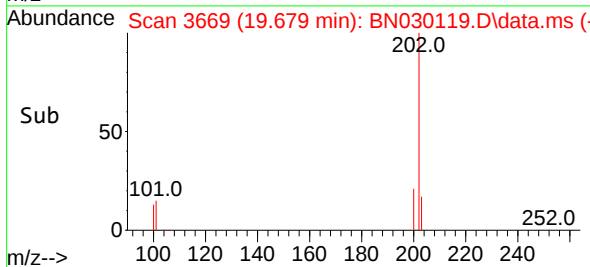
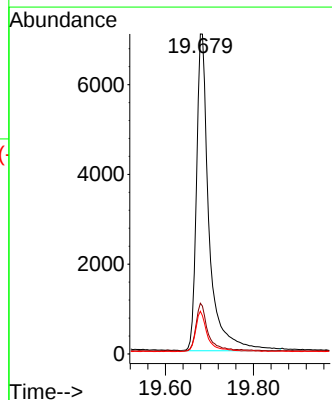
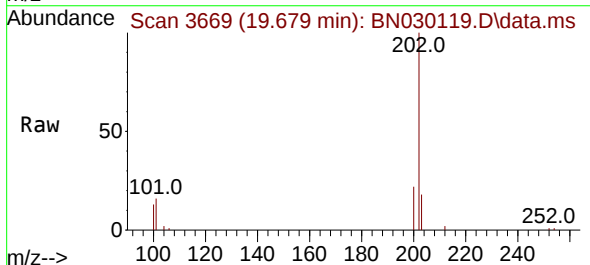
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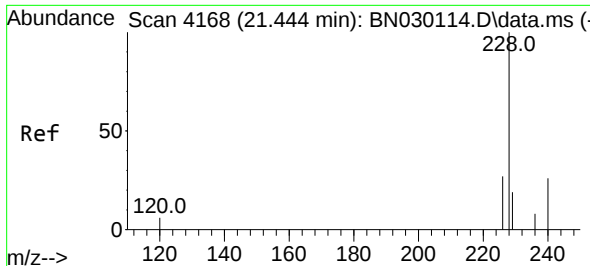
Tgt Ion:202 Resp: 12935
Ion Ratio Lower Upper
202 100
101 12.9 10.4 15.6
100 10.4 8.5 12.7



#20
Pyrene
Concen: 0.424 ng/ul
RT: 19.679 min Scan# 3669
Delta R.T. -0.006 min
Lab File: BN030119.D
Acq: 28 Feb 2024 08:12

Tgt Ion:202 Resp: 14030
Ion Ratio Lower Upper
202 100
101 15.9 12.5 18.7
100 13.3 10.0 15.0

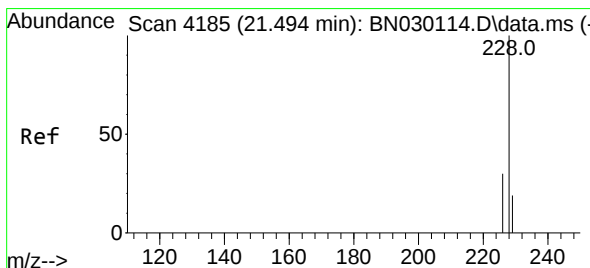
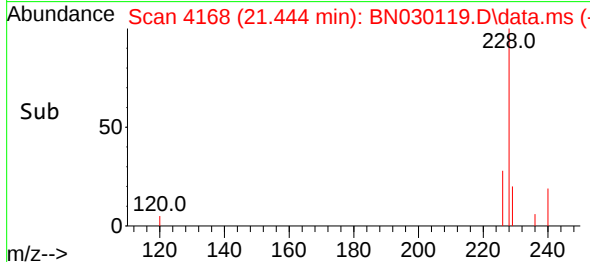
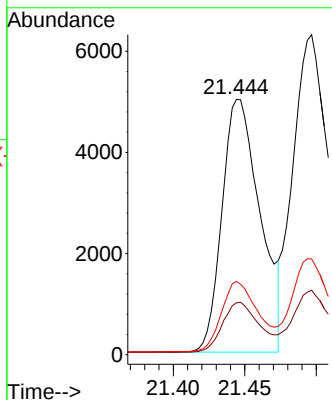
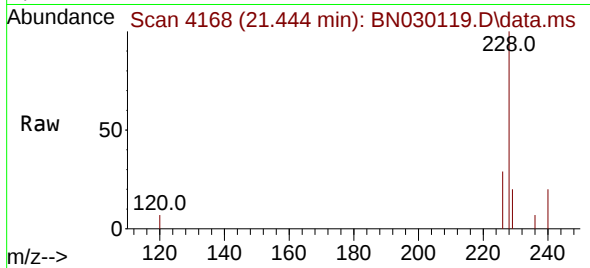




#21
Benzo(a)anthracene
Concen: 0.367 ng/ul
RT: 21.444 min Scan# 4168
Delta R.T. -0.007 min
Lab File: BN030119.D
Acq: 28 Feb 2024 08:12

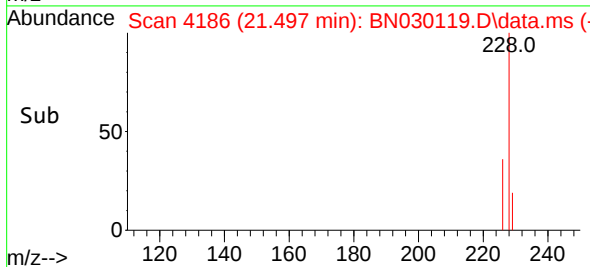
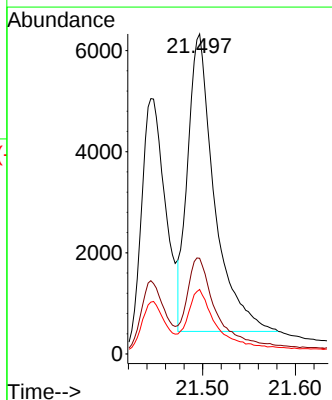
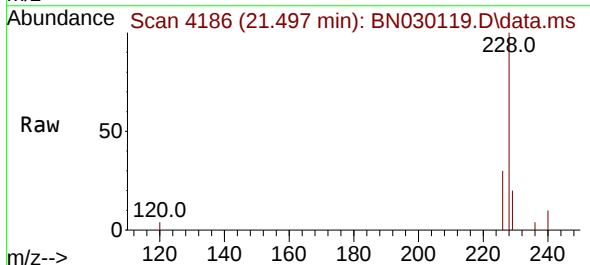
Instrument :
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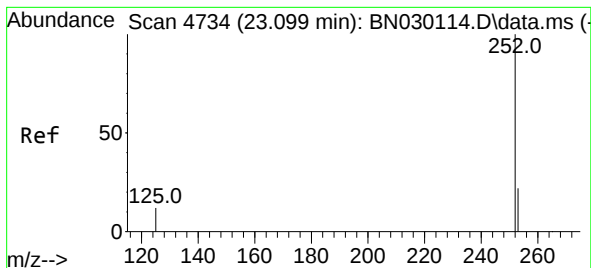
Tgt Ion:228 Resp: 9313
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 28.7 22.2 33.4



#22
Chrysene
Concen: 0.425 ng/ul
RT: 21.497 min Scan# 4186
Delta R.T. -0.004 min
Lab File: BN030119.D
Acq: 28 Feb 2024 08:12

Tgt Ion:228 Resp: 11787
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.2
229 20.1 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.472 ng/ul

RT: 23.101 min Scan# 4735

Delta R.T. -0.007 min

Lab File: BN030119.D

Acq: 28 Feb 2024 08:12

Instrument :

BNA_N

ClientSampleId :

SLCS258

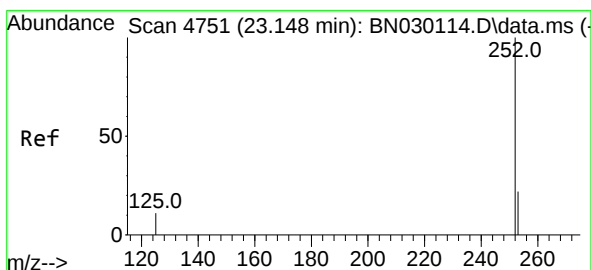
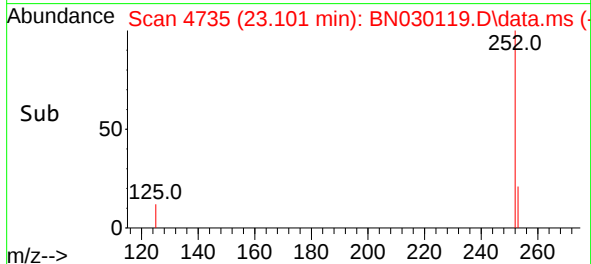
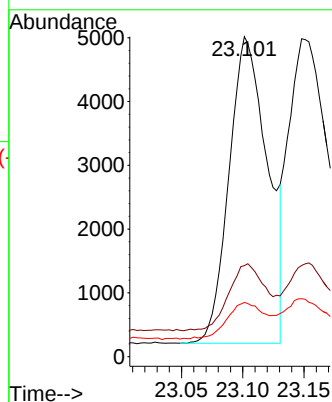
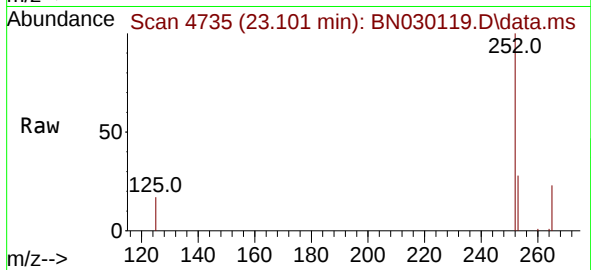
Tgt Ion:252 Resp: 10479

Ion Ratio Lower Upper

252 100

253 28.4 0.0 56.8

125 16.9 0.0 32.4



#25

Benzo(k)fluoranthene

Concen: 0.508 ng/ul

RT: 23.148 min Scan# 4751

Delta R.T. -0.007 min

Lab File: BN030119.D

Acq: 28 Feb 2024 08:12

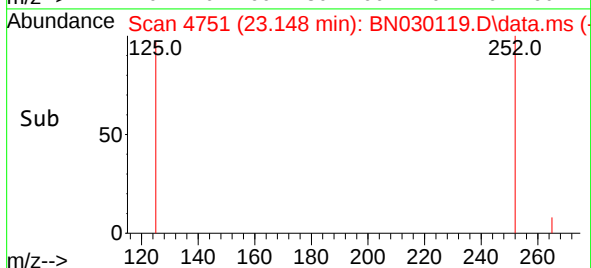
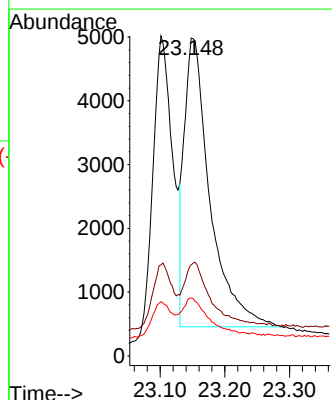
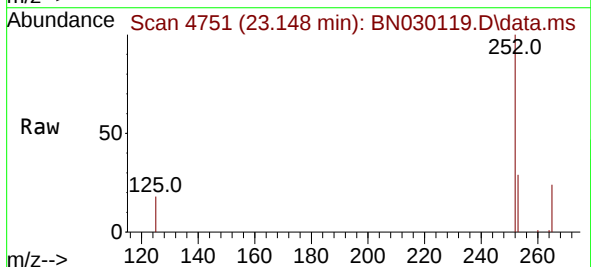
Tgt Ion:252 Resp: 12506

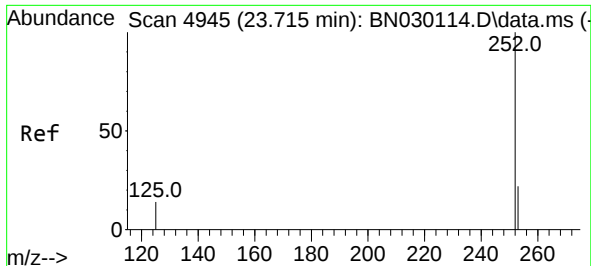
Ion Ratio Lower Upper

252 100

253 28.7 22.6 33.8

125 18.2 15.3 22.9

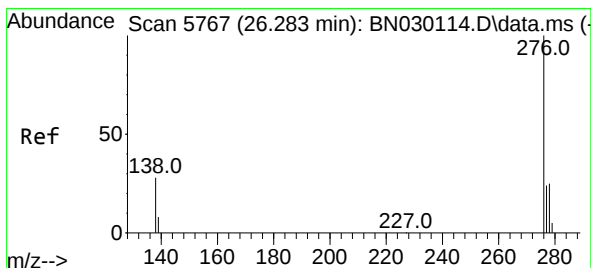
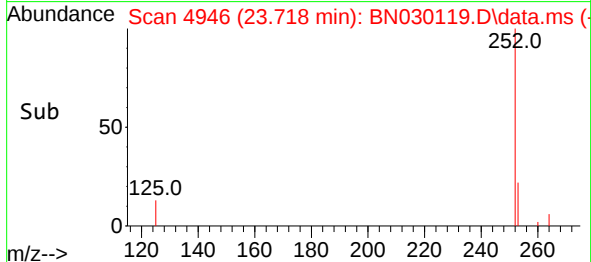
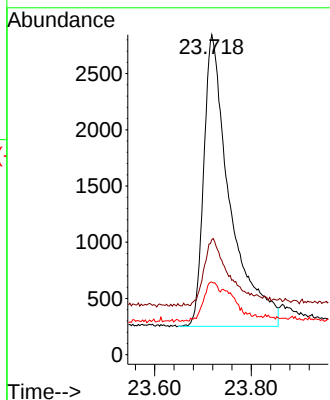
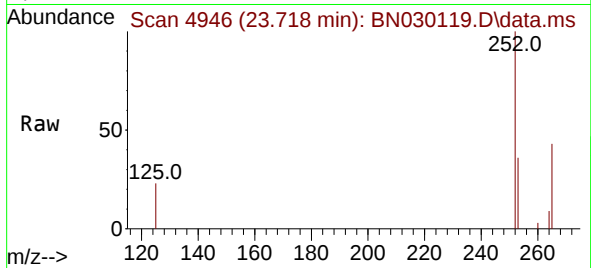




#26
Benzo(a)pyrene
Concen: 0.466 ng/ul
RT: 23.718 min Scan# 4945
Delta R.T. -0.007 min
Lab File: BN030119.D
Acq: 28 Feb 2024 08:12

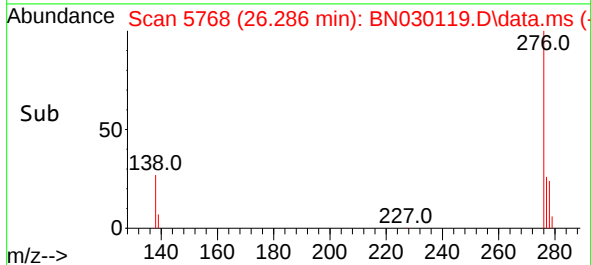
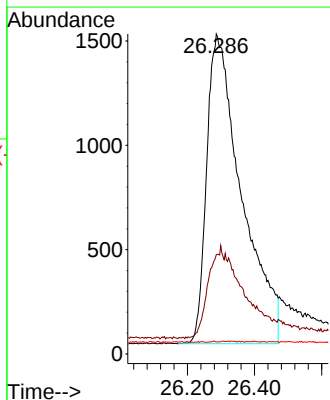
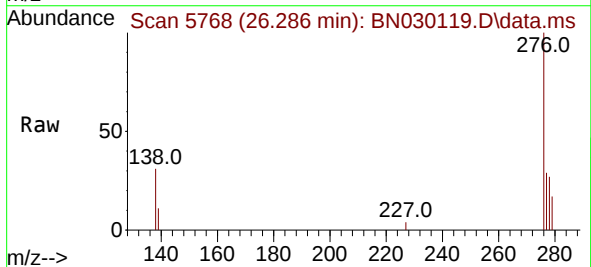
Instrument :
BNA_N
ClientSampleId :
SLCS258

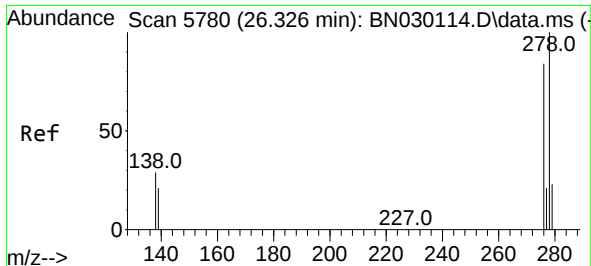
Tgt Ion:252 Resp: 9718
Ion Ratio Lower Upper
252 100
253 35.9 25.4 38.0
125 22.7 16.0 24.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.422 ng/ul
RT: 26.286 min Scan# 5768
Delta R.T. -0.008 min
Lab File: BN030119.D
Acq: 28 Feb 2024 08:12

Tgt Ion:276 Resp: 10691
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.404 ng/ul

RT: 26.326 min Scan# 51

Delta R.T. -0.004 min

Lab File: BN030119.D

Acq: 28 Feb 2024 08:12

Instrument :

BNA_N

ClientSampleId :

SLCS258

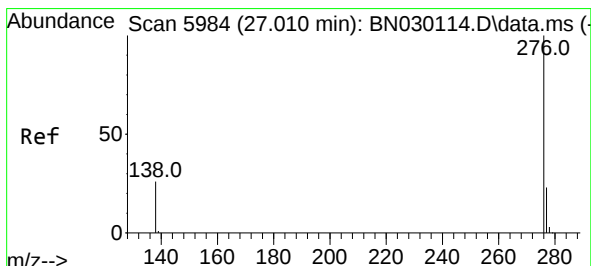
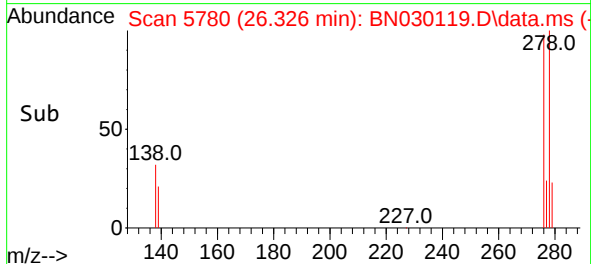
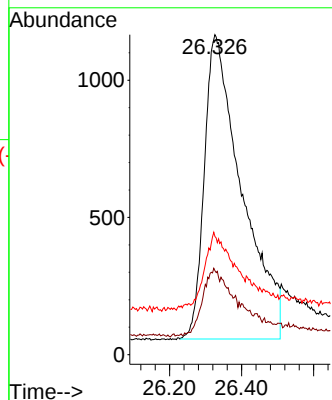
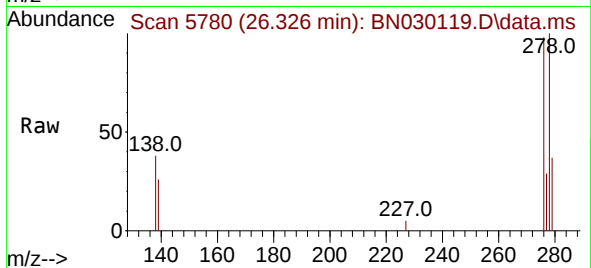
Tgt Ion:278 Resp: 8022

Ion Ratio Lower Upper

278 100

139 26.2 19.0 28.4

279 37.0 22.6 34.0#



#29

Benzo(g,h,i)perylene

Concen: 0.449 ng/ul

RT: 27.017 min Scan# 5986

Delta R.T. -0.001 min

Lab File: BN030119.D

Acq: 28 Feb 2024 08:12

Tgt Ion:276 Resp: 10315

Ion Ratio Lower Upper

276 100

138 30.5 24.6 37.0

277 26.1 19.7 29.5

