

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091223\
 Data File : BN027579.D
 Acq On : 11 Sep 2023 17:13
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4261

Quant Time: Sep 12 01:58:53 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 03:55:54 2023
 Response via : Initial Calibration

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

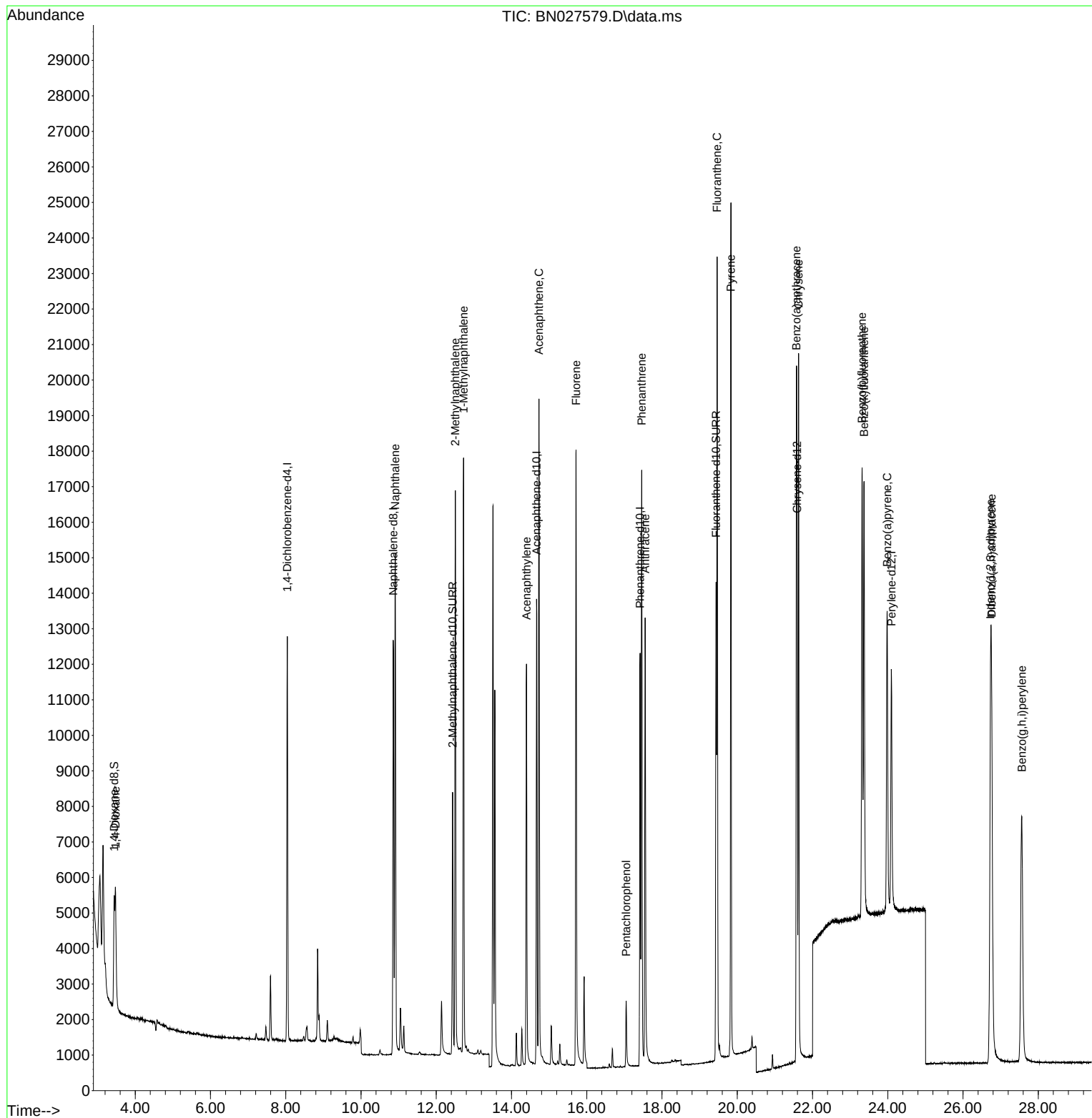
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	6045	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	16538	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.666	164	7389	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.418	188	14422	0.400	ng/ul	0.00
17) Chrysene-d12	21.592	240	10876	0.400	ng/ul	0.00
23) Perylene-d12	24.097	264	10707	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	3254	0.405	ng/ul	0.03
6) 2-Methylnaphthalene-d10	12.434	152	9739	0.388	ng/ul	-0.01
18) Fluoranthene-d10	19.436	212	15313	0.411	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.477	88	2926	0.360	ng/ul#	94
5) Naphthalene	10.911	128	19754	0.412	ng/ul	100
7) 2-Methylnaphthalene	12.506	142	11513	0.384	ng/ul	98
8) 1-Methylnaphthalene	12.726	142	11639	0.364	ng/ul	100
10) Acenaphthylene	14.398	152	13889	0.411	ng/ul	100
11) Acenaphthene	14.731	153	11582	0.398	ng/ul	98
12) Fluorene	15.716	166	12329	0.378	ng/ul	99
14) Pentachlorophenol	17.046	266	1379	0.490	ng/ul	100
15) Phenanthrene	17.460	178	18634	0.397	ng/ul	100
16) Anthracene	17.553	178	15604	0.418	ng/ul	100
19) Fluoranthene	19.464	202	19733	0.395	ng/ul	99
20) Pyrene	19.831	202	20269	0.398	ng/ul	97
21) Benzo(a)anthracene	21.571	228	17201	0.439	ng/ul	100
22) Chrysene	21.630	228	17850	0.390	ng/ul	99
24) Benzo(b)fluoranthene	23.316	252	18189	0.360	ng/ul	97
25) Benzo(k)fluoranthene	23.369	252	18105	0.366	ng/ul	97
26) Benzo(a)pyrene	23.983	252	15168	0.384	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.730	276	20312	0.463	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.757	278	16278	0.485	ng/ul	97
29) Benzo(g,h,i)perylene	27.562	276	17797	0.450	ng/ul	98

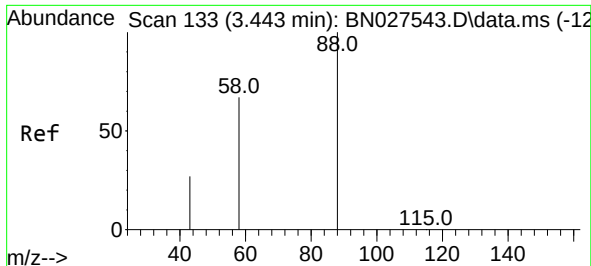
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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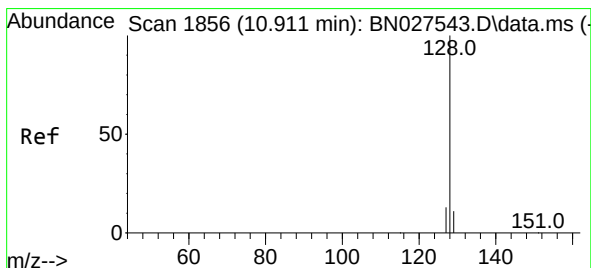
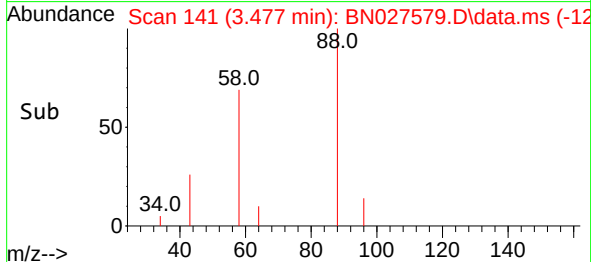
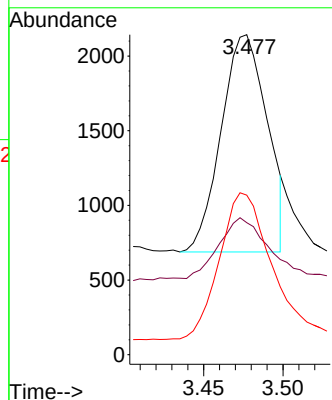
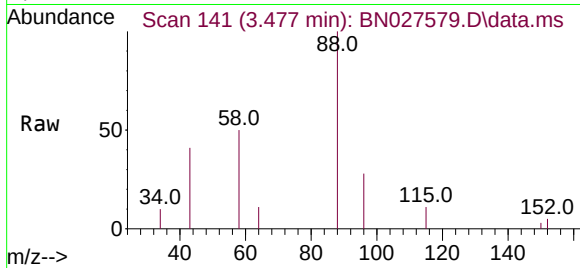




#2
1,4-Dioxane
Concen: 0.360 ng/ul
RT: 3.477 min Scan# 141
Delta R.T. 0.029 min
Lab File: BN027579.D
Acq: 11 Sep 2023 17:13

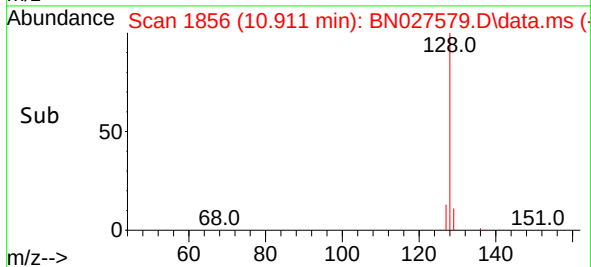
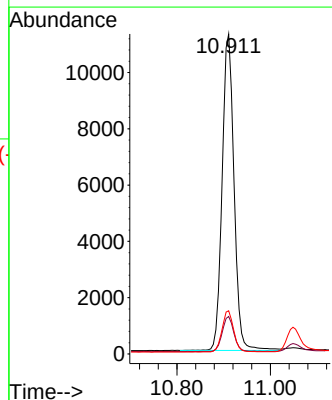
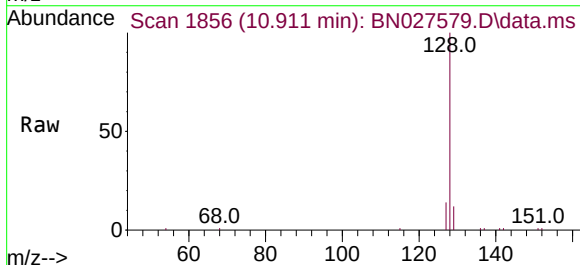
Instrument :
BNA_N
ClientSampleId :
SSTD0.4261

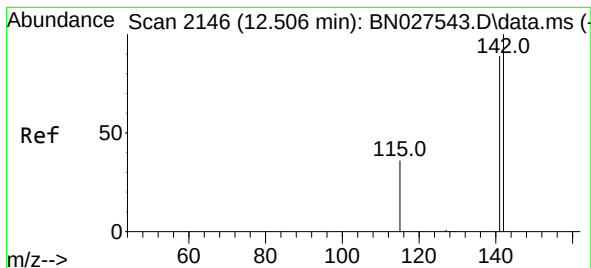
Tgt Ion: 88 Resp: 2926
Ion Ratio Lower Upper
88 100
43 41.3 26.8 40.2#
58 49.8 39.9 59.9



#5
Naphthalene
Concen: 0.412 ng/ul
RT: 10.911 min Scan# 1856
Delta R.T. -0.011 min
Lab File: BN027579.D
Acq: 11 Sep 2023 17:13

Tgt Ion: 128 Resp: 19754
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.5 10.6 16.0

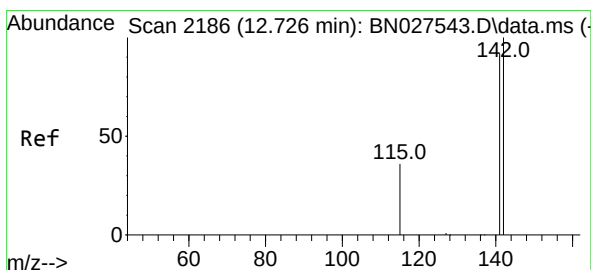
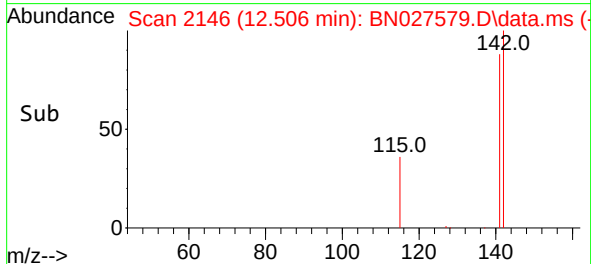
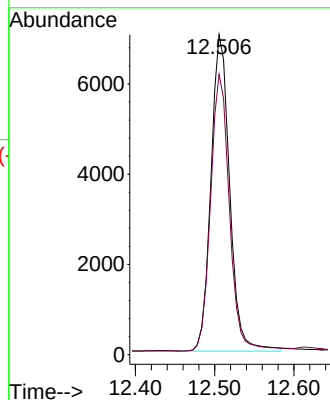
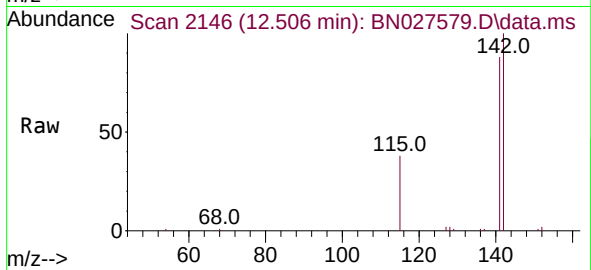




#7
2-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.506 min Scan# 2146
Delta R.T. -0.017 min
Lab File: BN027579.D
Acq: 11 Sep 2023 17:13

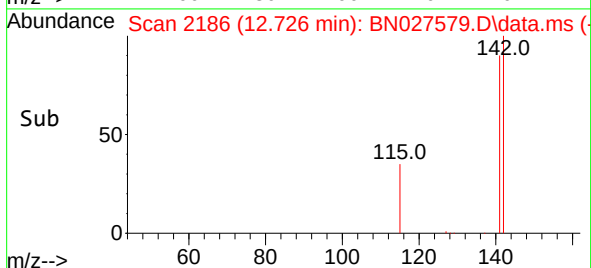
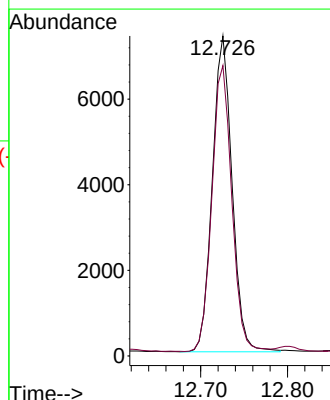
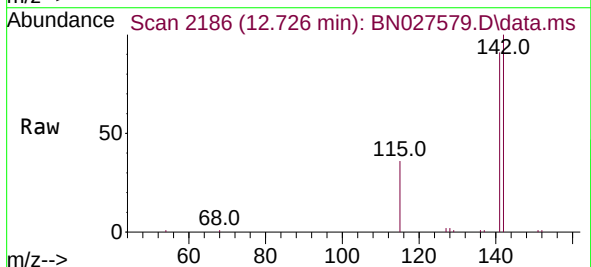
Instrument :
BNA_N
ClientSampleId :
SSTD0.4261

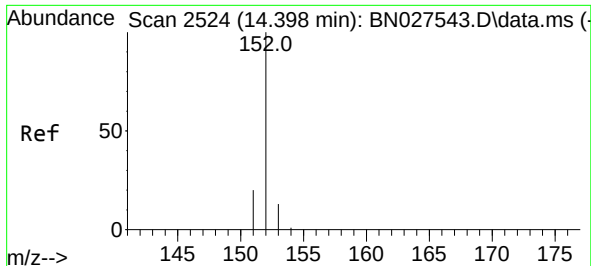
Tgt Ion:142 Resp: 11513
Ion Ratio Lower Upper
142 100
141 87.8 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.726 min Scan# 2186
Delta R.T. -0.011 min
Lab File: BN027579.D
Acq: 11 Sep 2023 17:13

Tgt Ion:142 Resp: 11639
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.4

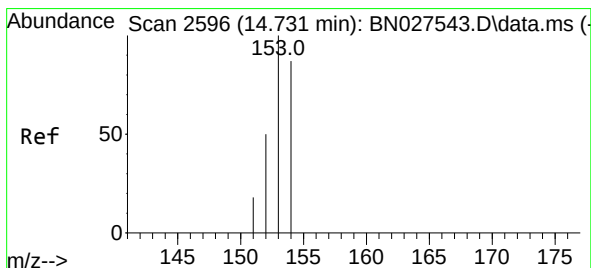
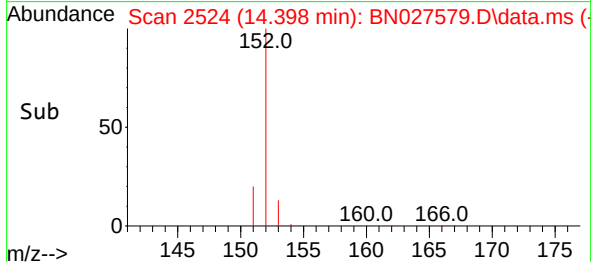
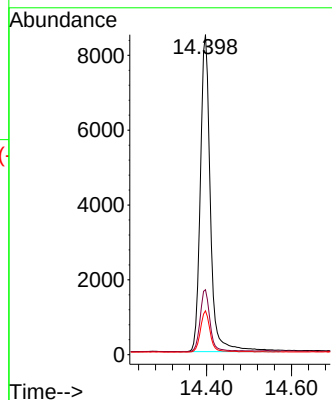
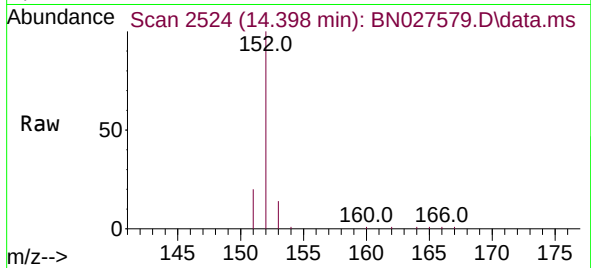




#10
Acenaphthylene
Concen: 0.411 ng/ul
RT: 14.398 min Scan# 2524
Delta R.T. -0.009 min
Lab File: BN027579.D
Acq: 11 Sep 2023 17:13

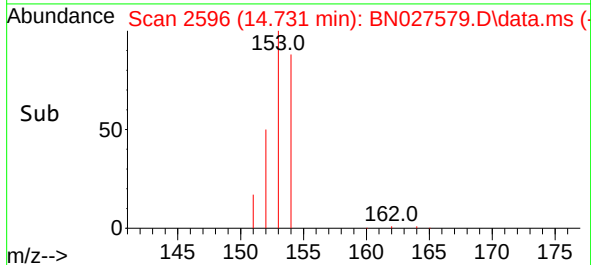
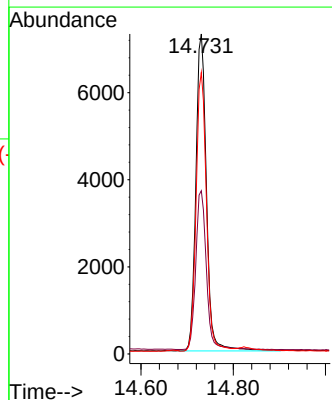
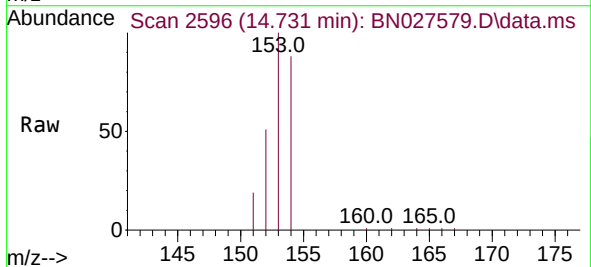
Instrument :
BNA_N
ClientSampleId :
SSTD0.4261

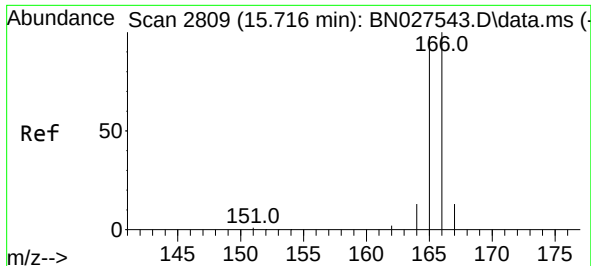
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.7	11.1	16.7



#11
Acenaphthene
Concen: 0.398 ng/ul
RT: 14.731 min Scan# 2596
Delta R.T. -0.009 min
Lab File: BN027579.D
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Tgt Ion	Ratio	Lower	Upper
153	100		
152	51.0	42.9	64.3
154	88.0	69.4	104.0

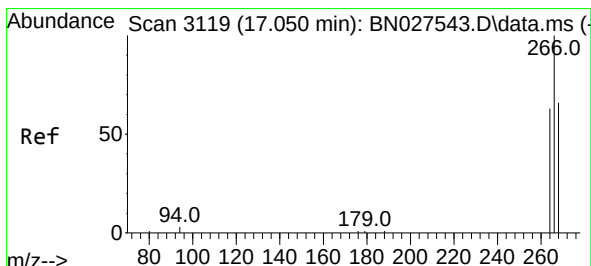
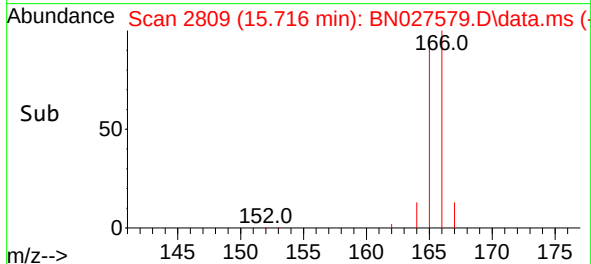
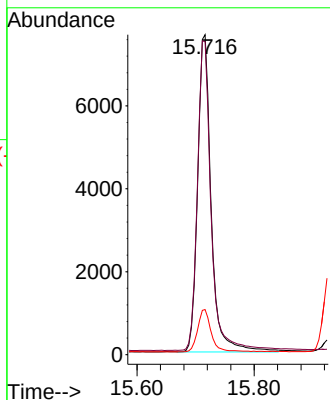
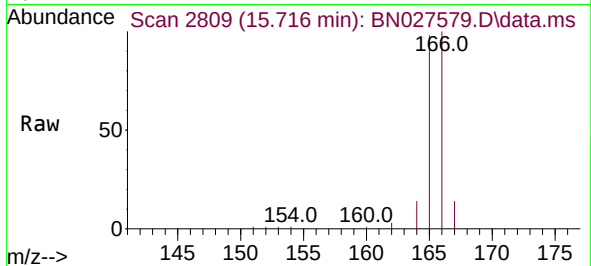




#12
 Fluorene
 Concen: 0.378 ng/ul
 RT: 15.716 min Scan# 2809
 Delta R.T. -0.009 min
 Lab File: BN027579.D
 Acq: 11 Sep 2023 17:13

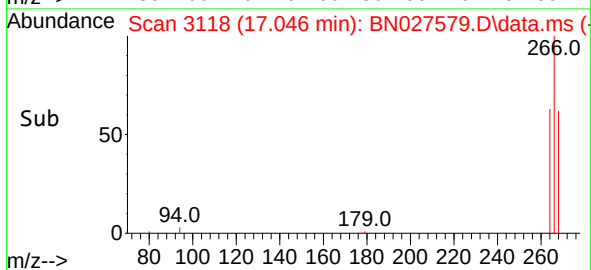
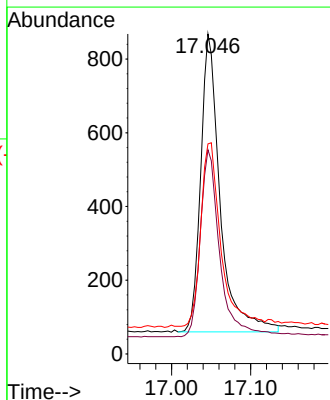
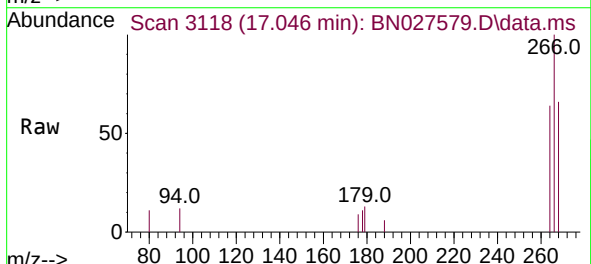
Instrument :
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 ClientSampleId :
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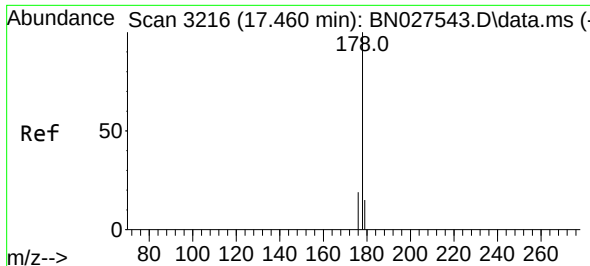
Tgt Ion:166 Resp: 12329
 Ion Ratio Lower Upper
 166 100
 165 97.8 79.6 119.4
 167 14.1 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.490 ng/ul
 RT: 17.046 min Scan# 3118
 Delta R.T. -0.013 min
 Lab File: BN027579.D
 Acq: 11 Sep 2023 17:13

Tgt Ion:266 Resp: 1379
 Ion Ratio Lower Upper
 266 100
 264 62.8 50.4 75.6
 268 64.6 51.9 77.9

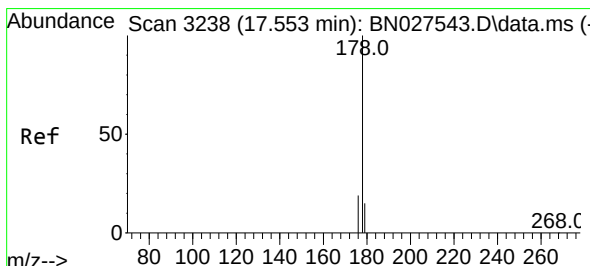
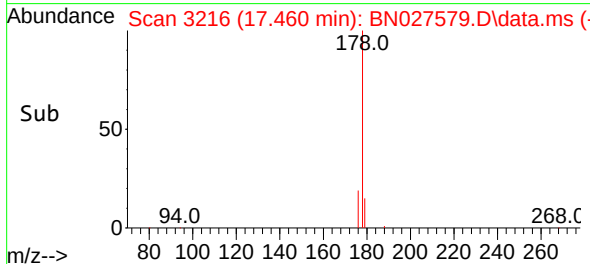
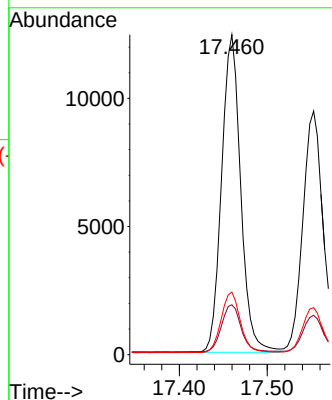
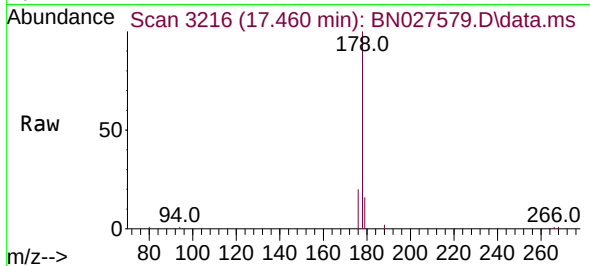




#15
Phenanthrene
Concen: 0.397 ng/ul
RT: 17.460 min Scan# 3216
Delta R.T. -0.009 min
Lab File: BN027579.D
Acq: 11 Sep 2023 17:13

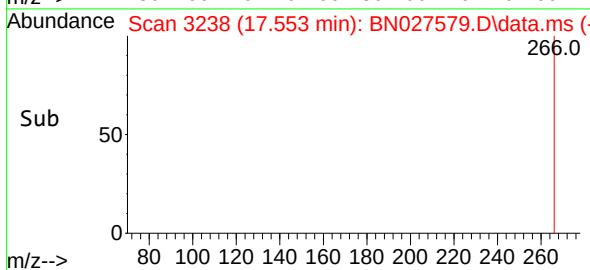
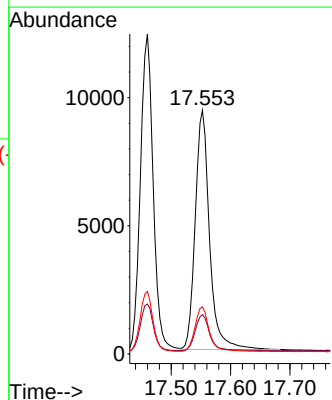
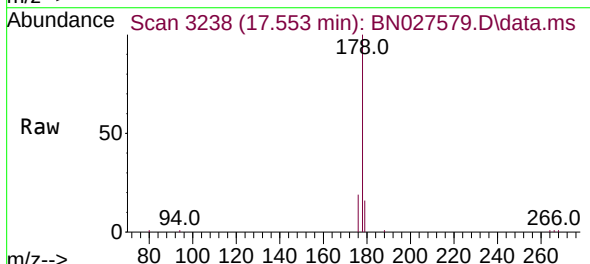
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ClientSampleId :
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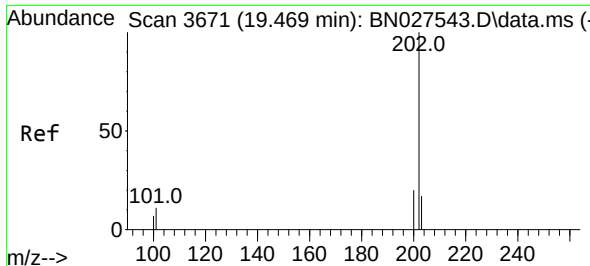
Tgt Ion:178 Resp: 18634
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.6 15.8 23.8



#16
Anthracene
Concen: 0.418 ng/ul
RT: 17.553 min Scan# 3238
Delta R.T. -0.009 min
Lab File: BN027579.D
Acq: 11 Sep 2023 17:13

Tgt Ion:178 Resp: 15604
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 19.3 15.6 23.4

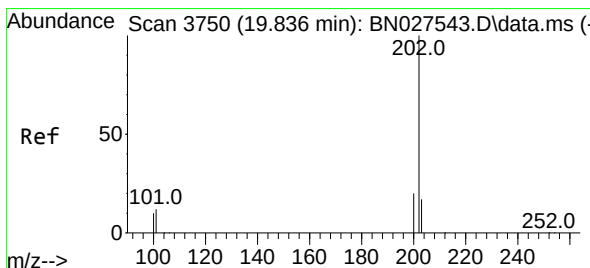
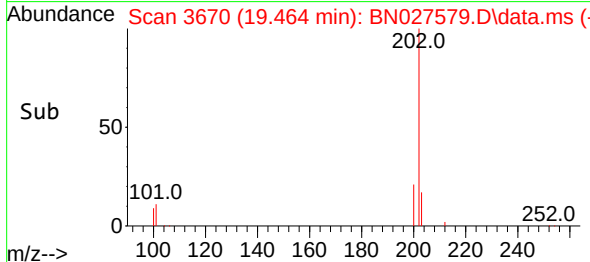
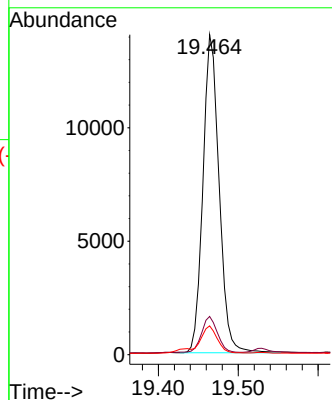
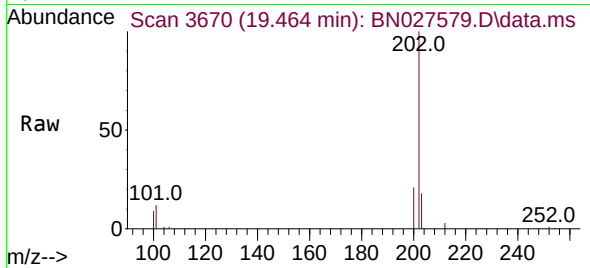




#19
Fluoranthene
Concen: 0.395 ng/ul
RT: 19.464 min Scan# 30
Delta R.T. -0.014 min
Lab File: BN027579.D
Acq: 11 Sep 2023 17:13

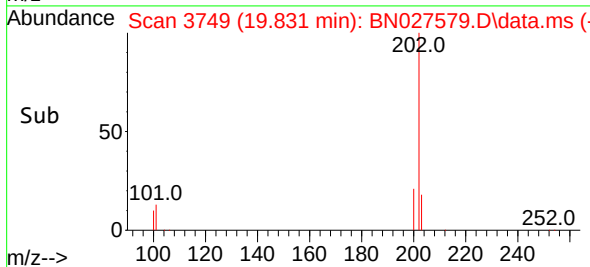
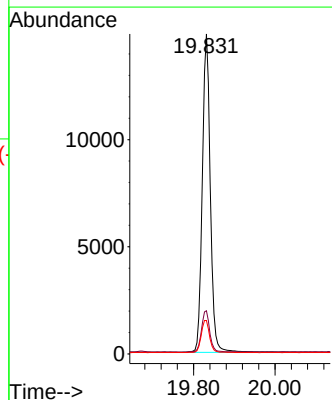
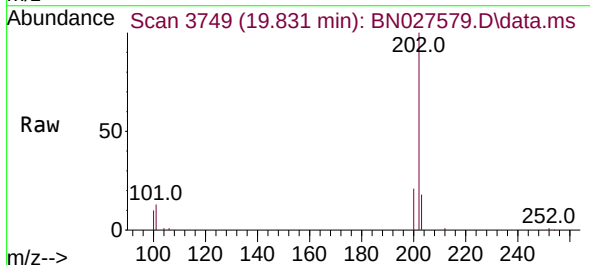
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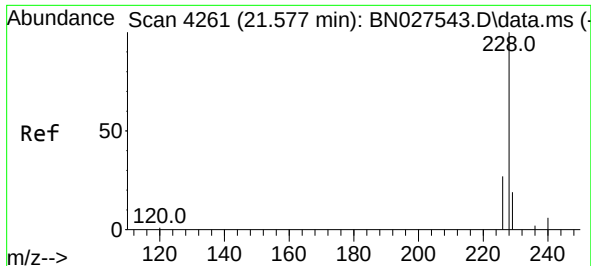
Tgt Ion:202 Resp: 19733
Ion Ratio Lower Upper
202 100
101 12.0 9.4 14.0
100 9.0 6.9 10.3



#20
Pyrene
Concen: 0.398 ng/ul
RT: 19.831 min Scan# 3749
Delta R.T. -0.009 min
Lab File: BN027579.D
Acq: 11 Sep 2023 17:13

Tgt Ion:202 Resp: 20269
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.2
100 10.5 9.4 14.2

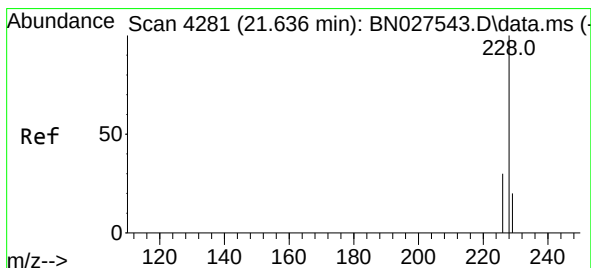
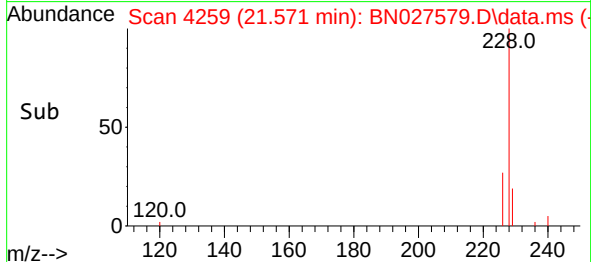
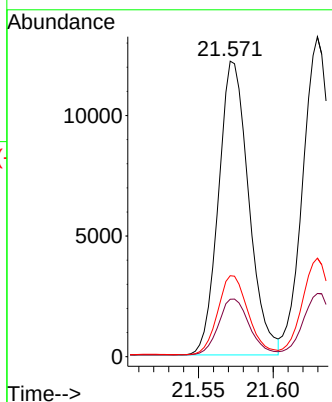
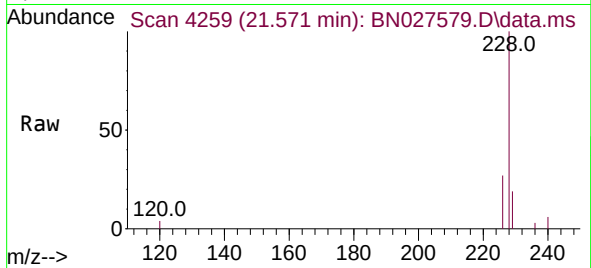




#21
Benzo(a)anthracene
Concen: 0.439 ng/ul
RT: 21.571 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN027579.D
Acq: 11 Sep 2023 17:13

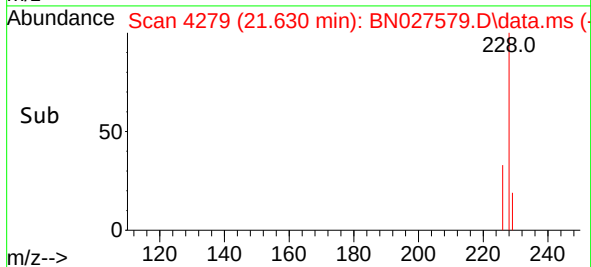
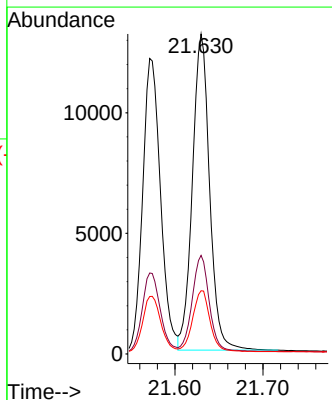
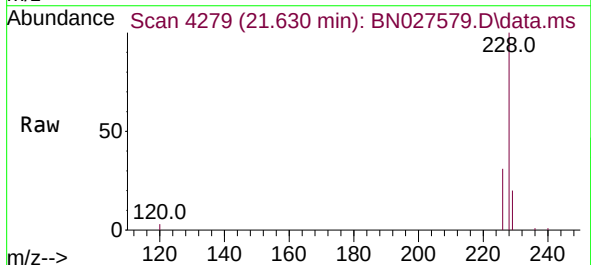
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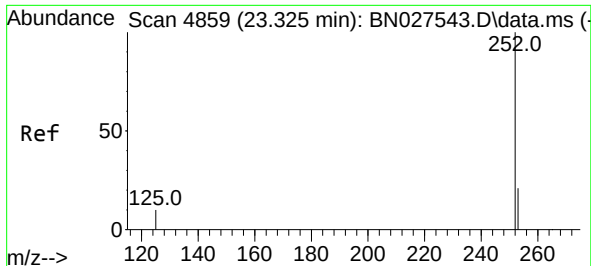
Tgt Ion:228 Resp: 17201
Ion Ratio Lower Upper
228 100
229 19.4 15.7 23.5
226 27.4 22.0 33.0



#22
Chrysene
Concen: 0.390 ng/ul
RT: 21.630 min Scan# 4279
Delta R.T. -0.006 min
Lab File: BN027579.D
Acq: 11 Sep 2023 17:13

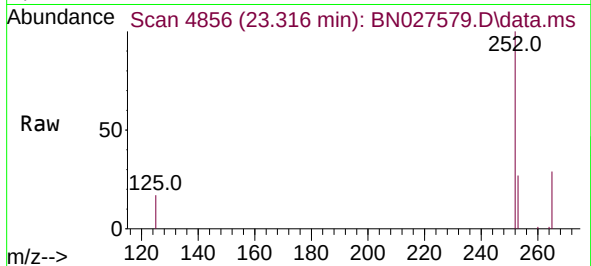
Tgt Ion:228 Resp: 17850
Ion Ratio Lower Upper
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226 30.8 24.4 36.6
229 19.8 15.6 23.4



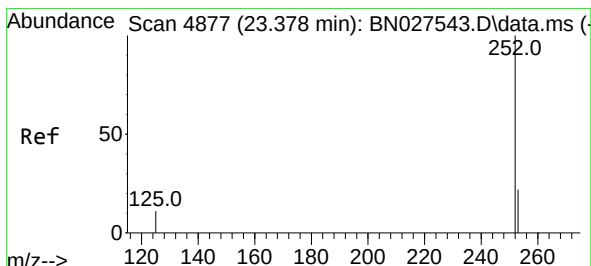
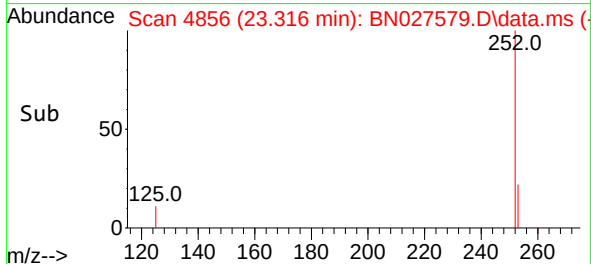
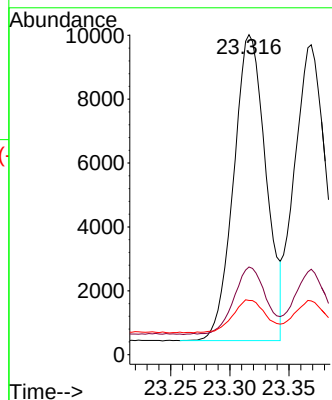


#24
Benzo(b)fluoranthene
Concen: 0.360 ng/ul
RT: 23.316 min Scan# 4856
Delta R.T. -0.012 min
Lab File: BN027579.D
Acq: 11 Sep 2023 17:13

Instrument :
BNA_N
ClientSampleId :
SSTD0.4261

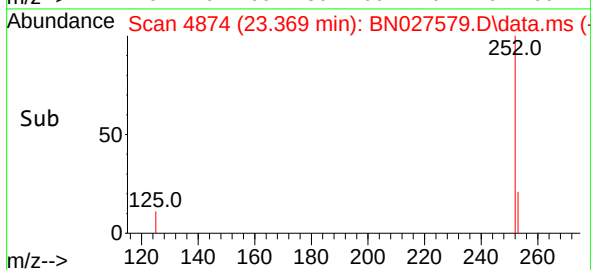
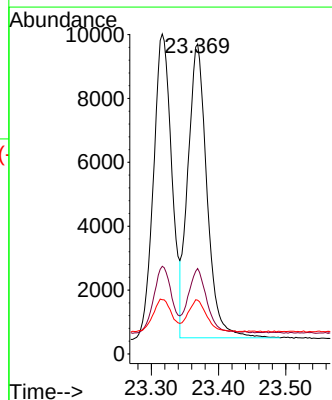
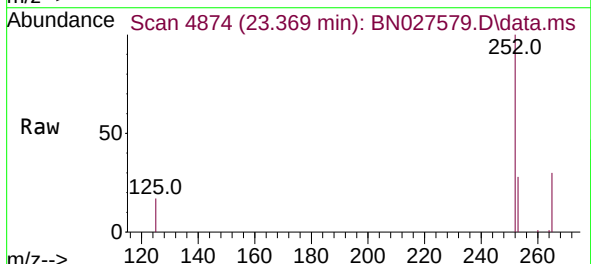


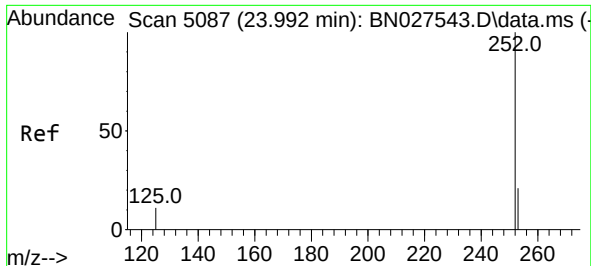
Tgt Ion:252 Resp: 18189
Ion Ratio Lower Upper
252 100
253 27.4 0.0 49.6
125 16.9 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.366 ng/ul
RT: 23.369 min Scan# 4874
Delta R.T. -0.009 min
Lab File: BN027579.D
Acq: 11 Sep 2023 17:13

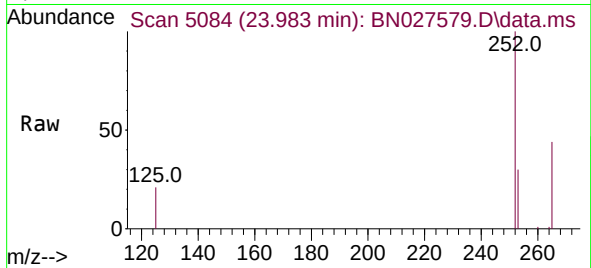
Tgt Ion:252 Resp: 18105
Ion Ratio Lower Upper
252 100
253 27.6 19.9 29.9
125 17.4 13.6 20.4



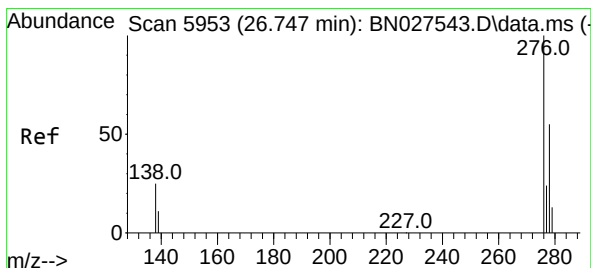
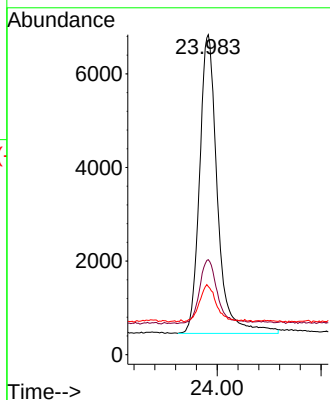
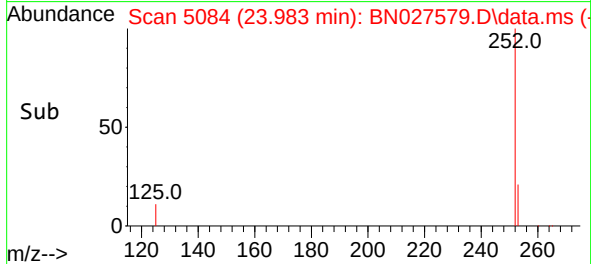


#26
Benzo(a)pyrene
Concen: 0.384 ng/ul
RT: 23.983 min Scan# 5084
Delta R.T. -0.012 min
Lab File: BN027579.D
Acq: 11 Sep 2023 17:13

Instrument :
BNA_N
ClientSampleId :
SSTD0.4261

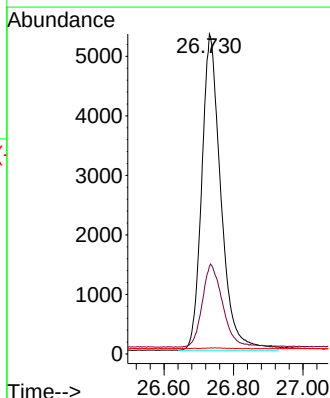
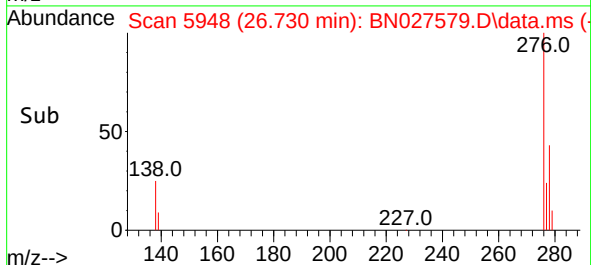
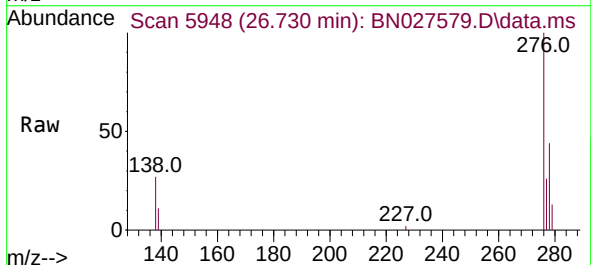


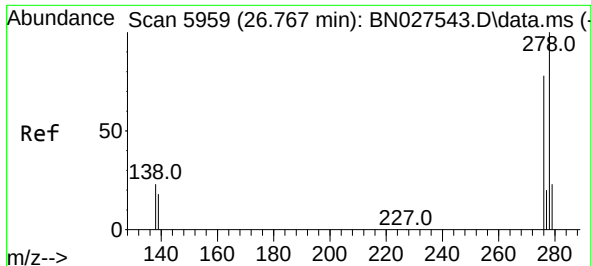
Tgt Ion:252 Resp: 15168
Ion Ratio Lower Upper
252 100
253 29.7 22.4 33.6
125 21.3 17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.463 ng/ul
RT: 26.730 min Scan# 5948
Delta R.T. -0.024 min
Lab File: BN027579.D
Acq: 11 Sep 2023 17:13

Tgt Ion:276 Resp: 20312
Ion Ratio Lower Upper
276 100
138 27.9 23.9 35.9
227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.485 ng/ul

RT: 26.757 min Scan# 5959

Delta R.T. -0.020 min

Lab File: BN027579.D

Acq: 11 Sep 2023 17:13

Instrument :

BNA_N

ClientSampleId :

SSTD0.4261

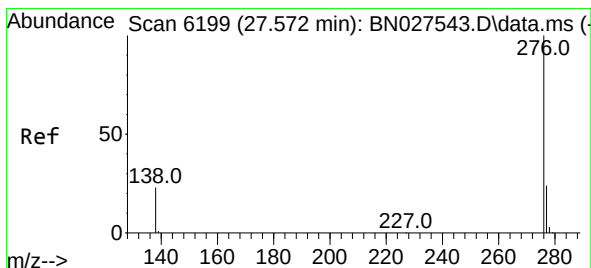
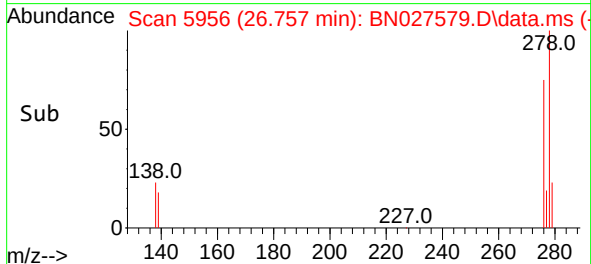
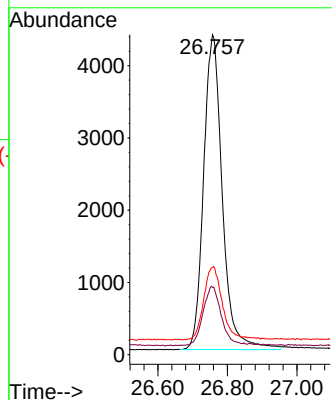
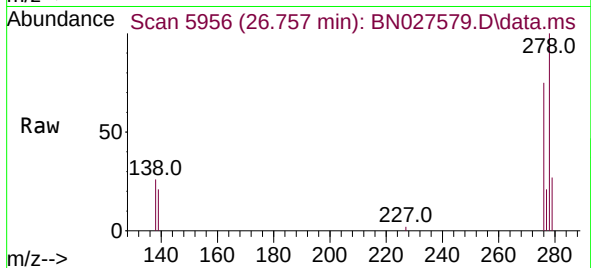
Tgt Ion:278 Resp: 16278

Ion Ratio Lower Upper

278 100

139 21.0 18.0 27.0

279 27.3 22.7 34.1



#29

Benzo(g,h,i)perylene

Concen: 0.450 ng/ul

RT: 27.562 min Scan# 6196

Delta R.T. -0.020 min

Lab File: BN027579.D

Acq: 11 Sep 2023 17:13

Tgt Ion:276 Resp: 17797

Ion Ratio Lower Upper

276 100

138 25.9 22.1 33.1

277 25.1 20.2 30.4

