

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026263.D
 Acq On : 04 Jul 2023 15:36
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 121 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 04 23:30:38 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 04 00:40:07 2023
 Response via : Initial Calibration

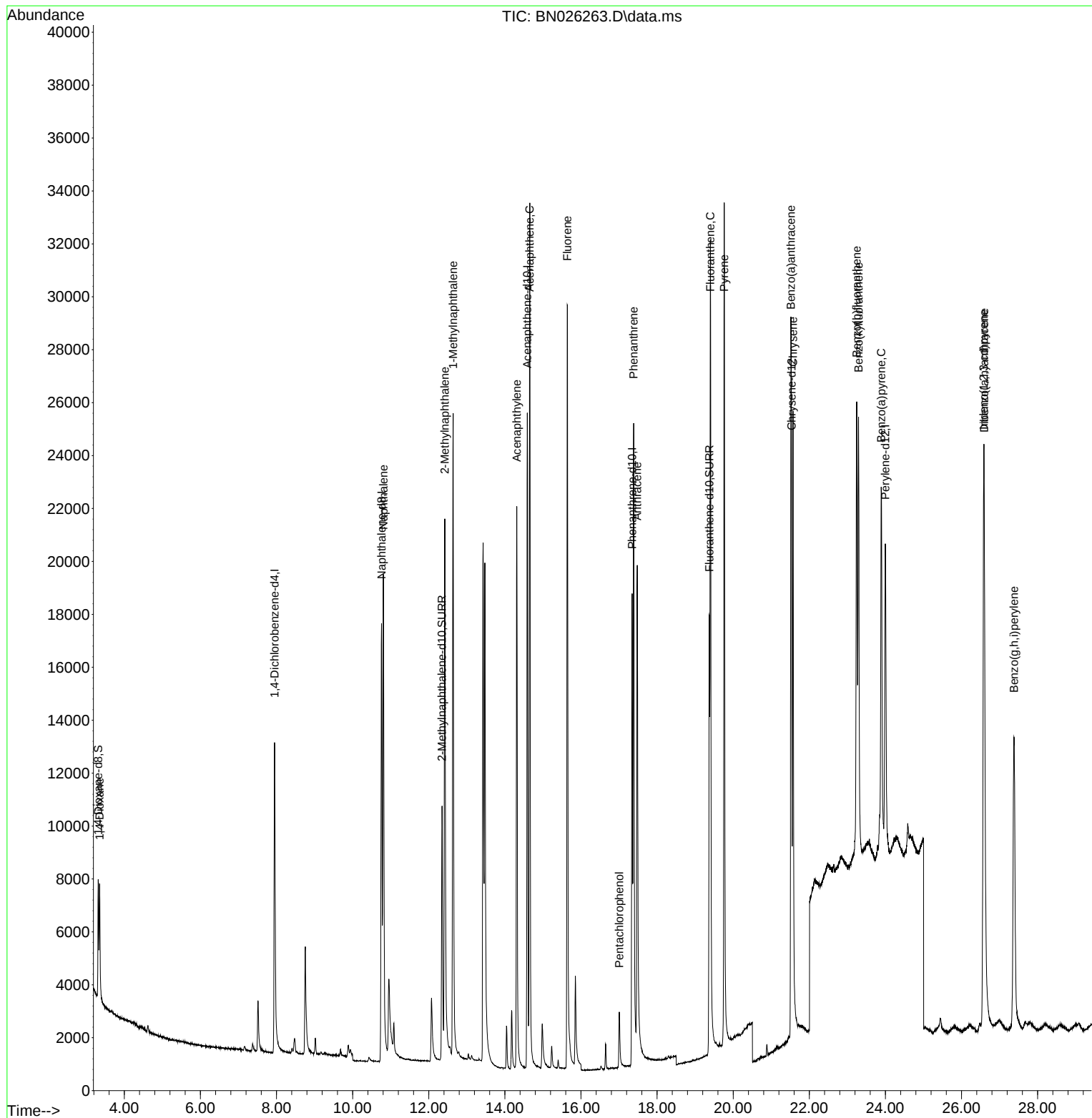
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	8533	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	27714	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.589	164	15055	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	25217	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	15349	0.400	ng/ul	0.00
23) Perylene-d12	23.997	264	17816	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	3252	0.338	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	15495	0.363	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	22220	0.380	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	3319	0.325	ng/ul#	92
5) Naphthalene	10.809	128	29285	0.369	ng/ul	100
7) 2-Methylnaphthalene	12.420	142	17988	0.356	ng/ul	100
8) 1-Methylnaphthalene	12.640	142	18921	0.361	ng/ul	100
10) Acenaphthylene	14.312	152	28261	0.401	ng/ul	100
11) Acenaphthene	14.654	153	21385	0.371	ng/ul	99
12) Fluorene	15.644	166	22460	0.340	ng/ul	99
14) Pentachlorophenol	17.006	266	1990	0.220	ng/ul	100
15) Phenanthrene	17.386	178	30263	0.363	ng/ul	100
16) Anthracene	17.479	178	27671	0.374	ng/ul	99
19) Fluoranthene	19.401	202	30518	0.372	ng/ul	99
20) Pyrene	19.764	202	31653	0.371	ng/ul	98
21) Benzo(a)anthracene	21.515	228	24031	0.380	ng/ul	98
22) Chrysene	21.571	228	24284	0.369	ng/ul	99
24) Benzo(b)fluoranthene	23.245	252	26037	0.342	ng/ul	94
25) Benzo(k)fluoranthene	23.292	252	26360	0.345	ng/ul	97
26) Benzo(a)pyrene	23.889	252	23870	0.361	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.582	276	30927	0.429	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.595	278	23684	0.434	ng/ul	98
29) Benzo(g,h,i)perylene	27.380	276	26325	0.410	ng/ul	97

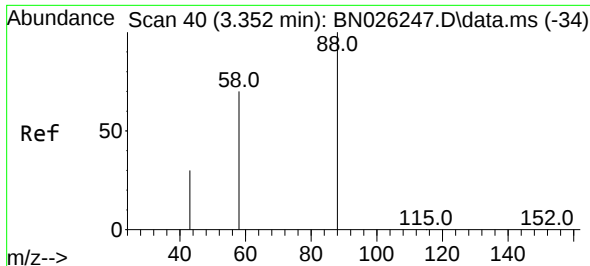
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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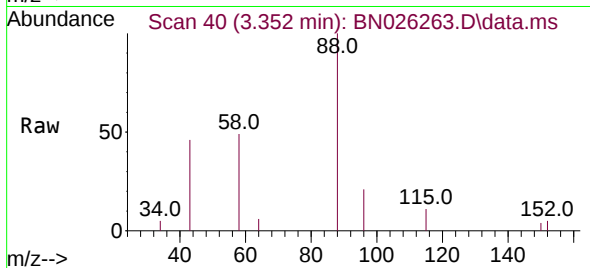
Quant Time: Jul 04 23:30:38 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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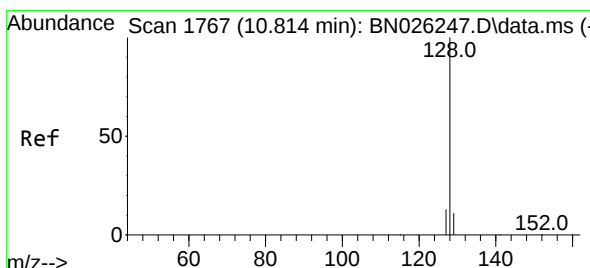
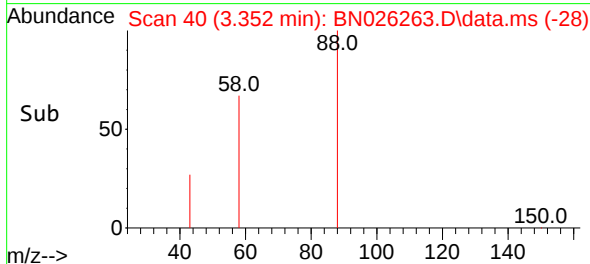
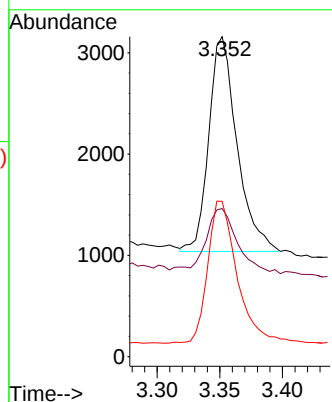


#2
 1,4-Dioxane
 Concen: 0.325 ng/ul
 RT: 3.352 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: BN026263.D
 Acq: 04 Jul 2023 15:36

Instrument :
 BNA_N
 ClientSampleId :

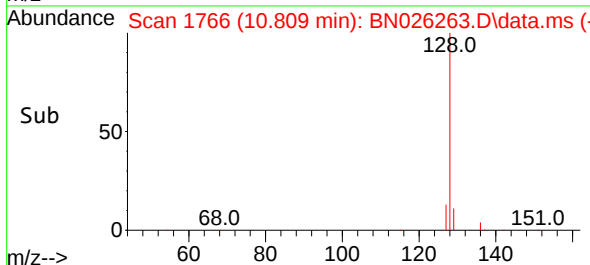
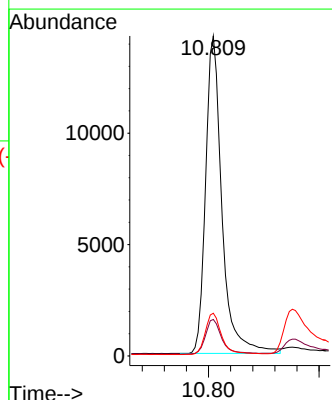
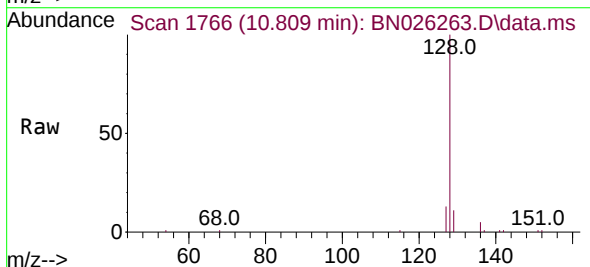


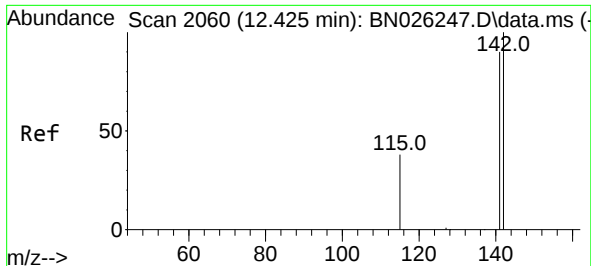
Tgt Ion: 88 Resp: 3319
 Ion Ratio Lower Upper
 88 100
 43 46.3 29.5 44.3#
 58 48.5 37.4 56.2



#5
 Naphthalene
 Concen: 0.369 ng/ul
 RT: 10.809 min Scan# 1766
 Delta R.T. -0.006 min
 Lab File: BN026263.D
 Acq: 04 Jul 2023 15:36

Tgt Ion:128 Resp: 29285
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.1 13.7
 127 13.4 10.7 16.1

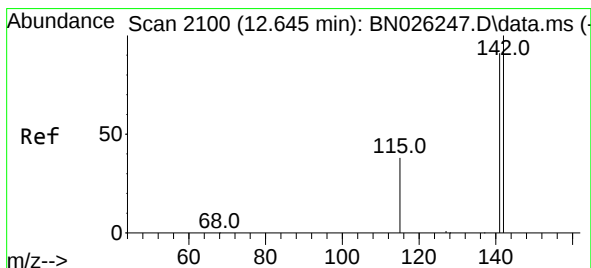
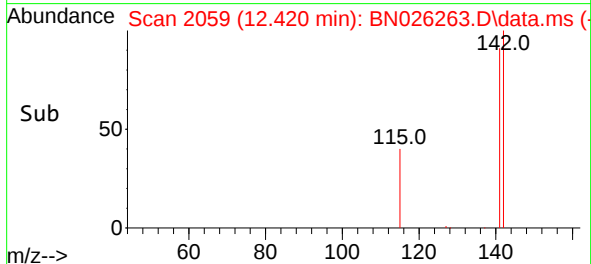
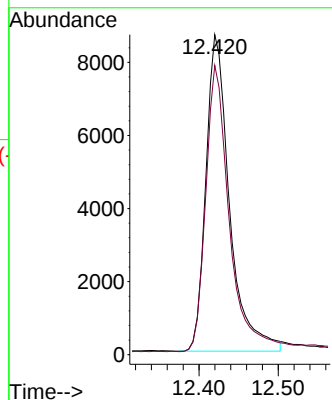
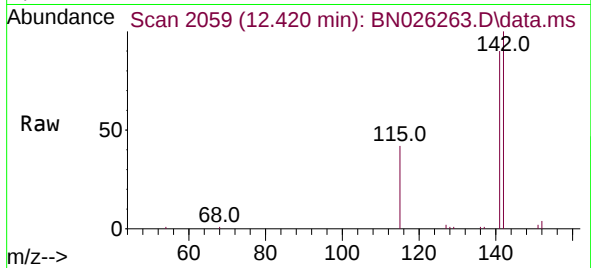




#7
2-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. -0.011 min
Lab File: BN026263.D
Acq: 04 Jul 2023 15:36

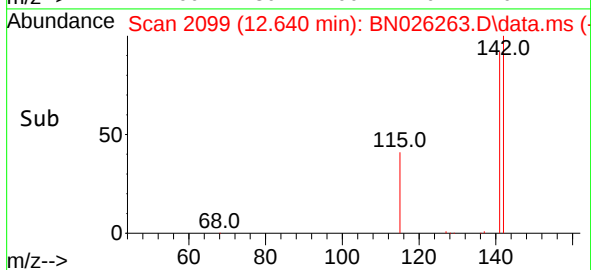
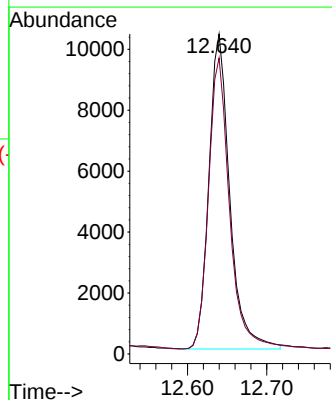
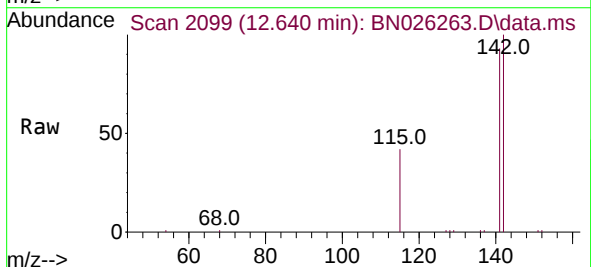
Instrument :
BNA_N
ClientSampleId :

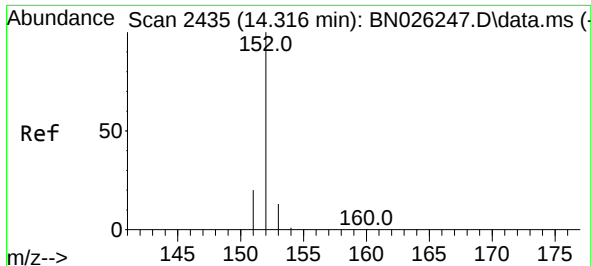
Tgt Ion:142 Resp: 17988
Ion Ratio Lower Upper
142 100
141 90.1 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BN026263.D
Acq: 04 Jul 2023 15:36

Tgt Ion:142 Resp: 18921
Ion Ratio Lower Upper
142 100
141 92.5 74.2 111.4

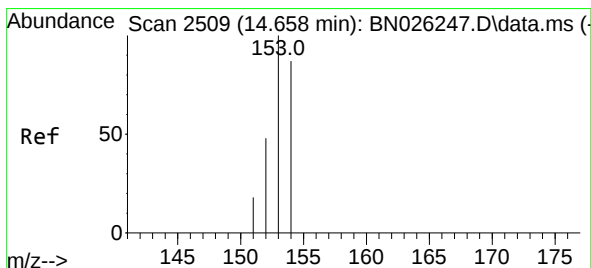
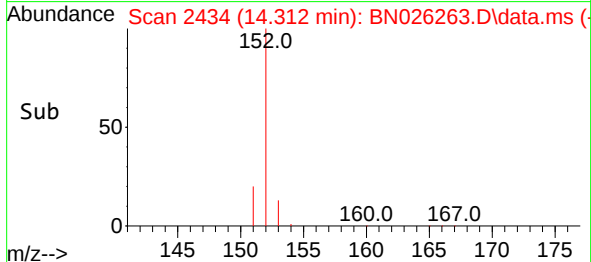
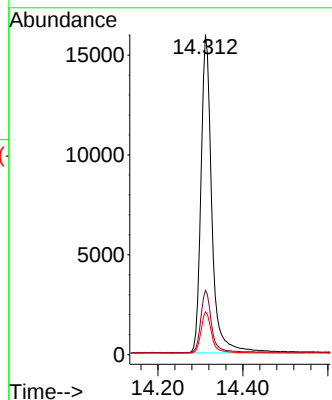
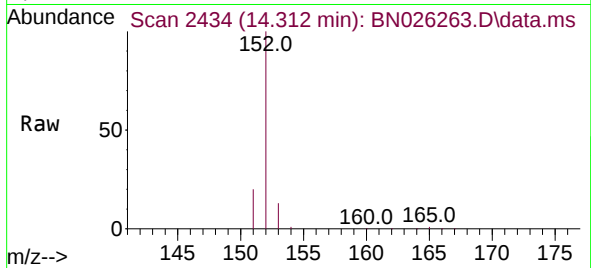




#10
Acenaphthylene
Concen: 0.401 ng/ul
RT: 14.312 min Scan# 2434
Delta R.T. -0.008 min
Lab File: BN026263.D
Acq: 04 Jul 2023 15:36

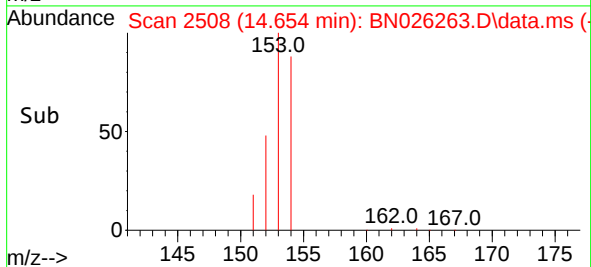
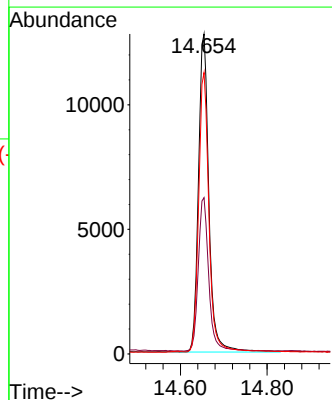
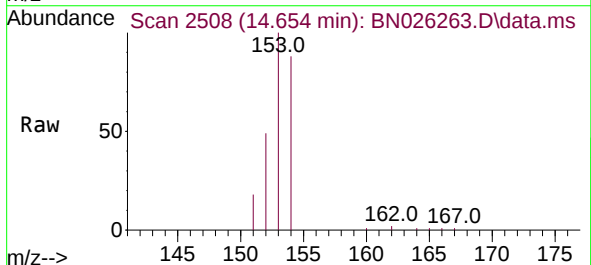
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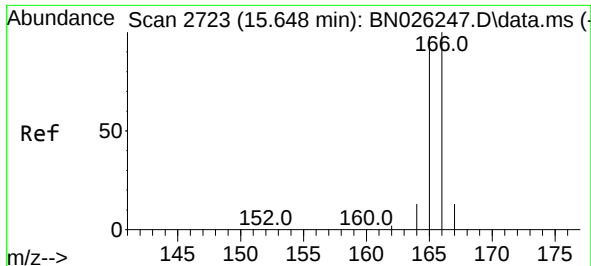
Tgt Ion:152 Resp: 28261
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.4 10.9 16.3



#11
Acenaphthene
Concen: 0.371 ng/ul
RT: 14.654 min Scan# 2508
Delta R.T. -0.004 min
Lab File: BN026263.D
Acq: 04 Jul 2023 15:36

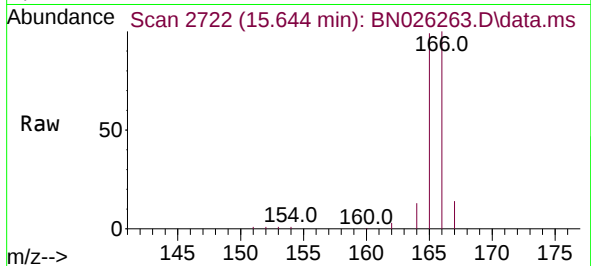
Tgt Ion:153 Resp: 21385
Ion Ratio Lower Upper
153 100
152 48.8 39.4 59.0
154 87.9 68.9 103.3



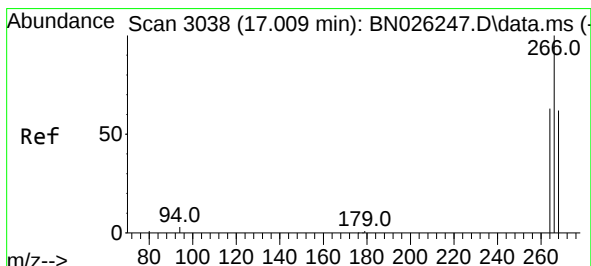
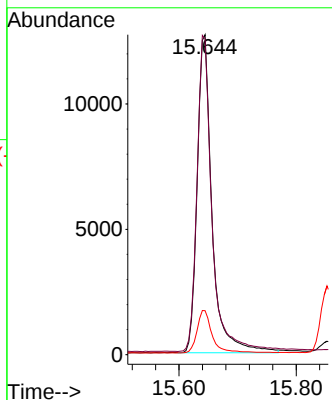
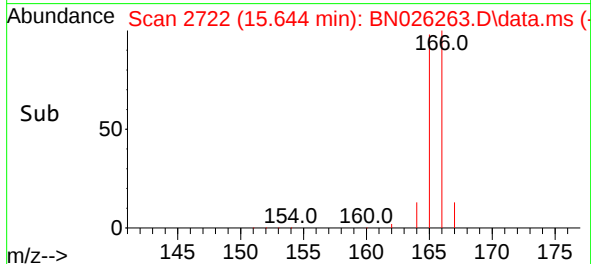


#12
Fluorene
Concen: 0.340 ng/ul
RT: 15.644 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN026263.D
Acq: 04 Jul 2023 15:36

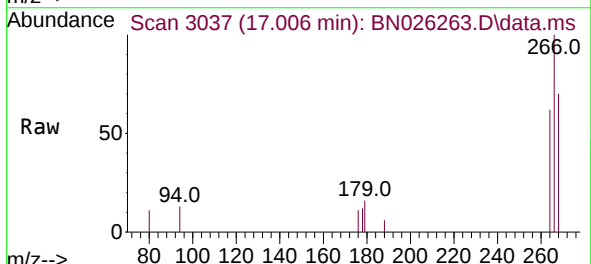
Instrument :
BNA_N
ClientSampleId :



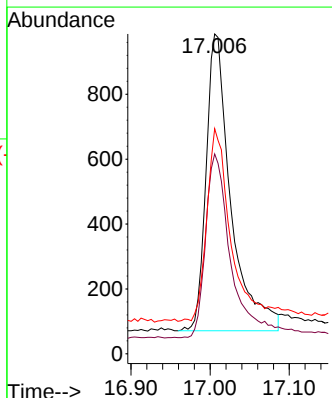
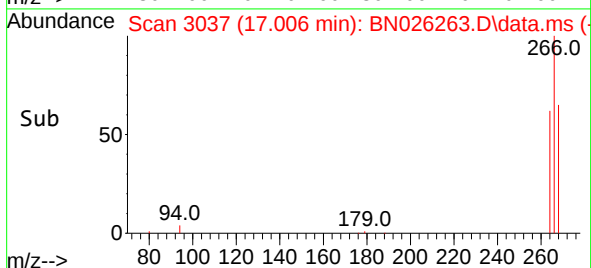
Tgt Ion:166 Resp: 22460
Ion Ratio Lower Upper
166 100
165 98.7 79.9 119.9
167 13.7 10.8 16.2

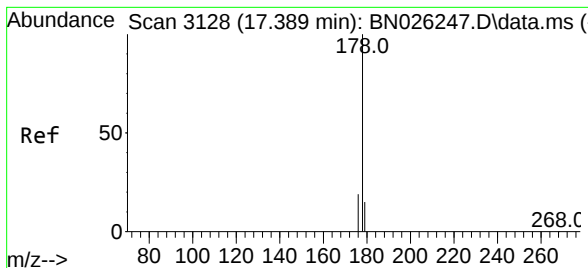


#14
Pentachlorophenol
Concen: 0.220 ng/ul
RT: 17.006 min Scan# 3037
Delta R.T. -0.003 min
Lab File: BN026263.D
Acq: 04 Jul 2023 15:36



Tgt Ion:266 Resp: 1990
Ion Ratio Lower Upper
266 100
264 63.1 50.5 75.7
268 64.1 51.6 77.4





#15

Phenanthrene

Concen: 0.363 ng/ul

RT: 17.386 min Scan# 3127

Delta R.T. -0.003 min

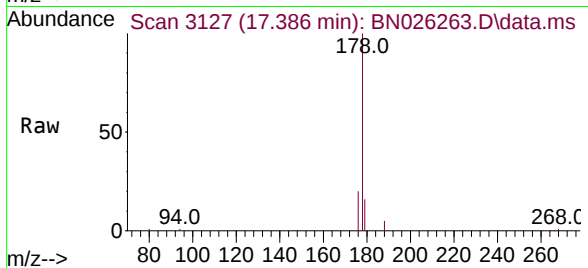
Lab File: BN026263.D

Acq: 04 Jul 2023 15:36

Instrument :

BNA_N

ClientSampleId :



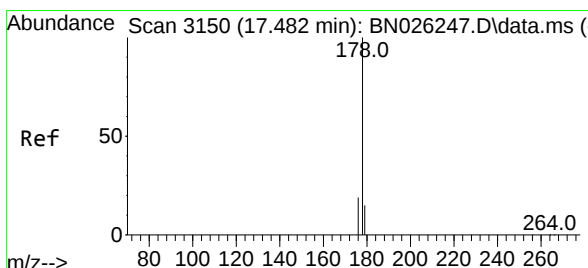
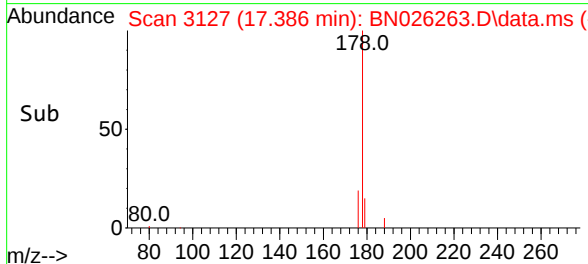
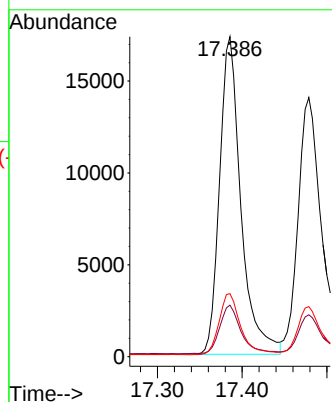
Tgt Ion:178 Resp: 30263

Ion Ratio Lower Upper

178 100

179 16.1 12.6 19.0

176 19.7 15.8 23.6



#16

Anthracene

Concen: 0.374 ng/ul

RT: 17.479 min Scan# 3149

Delta R.T. -0.003 min

Lab File: BN026263.D

Acq: 04 Jul 2023 15:36

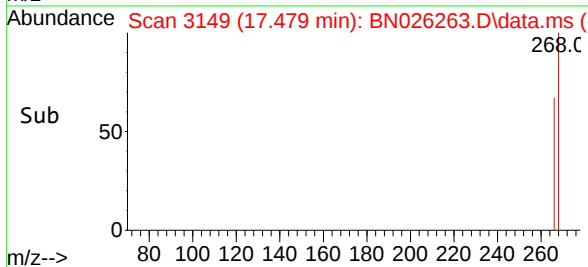
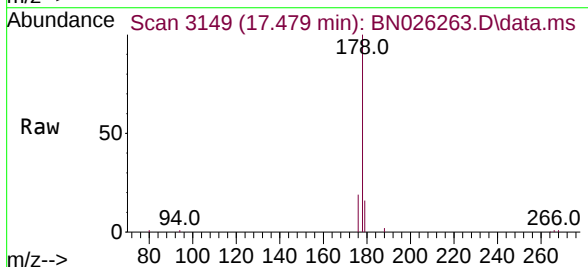
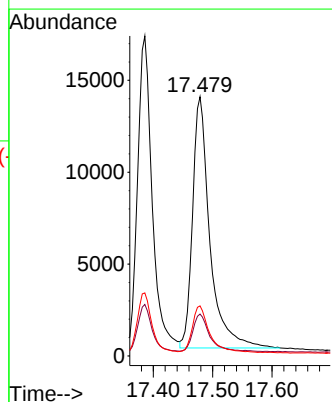
Tgt Ion:178 Resp: 27671

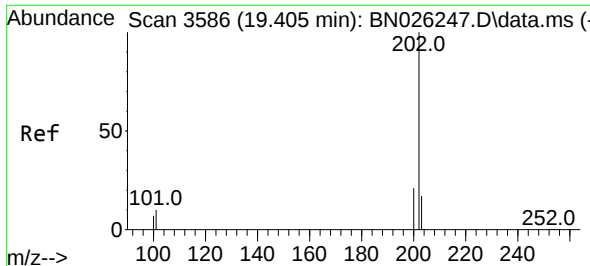
Ion Ratio Lower Upper

178 100

179 16.2 12.6 18.8

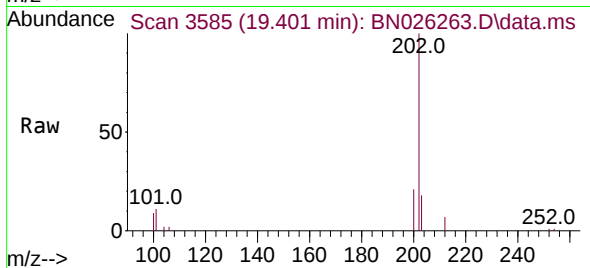
176 19.3 15.1 22.7



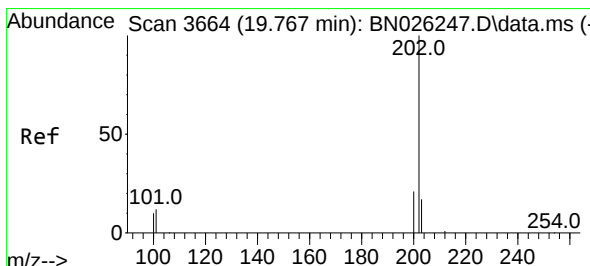
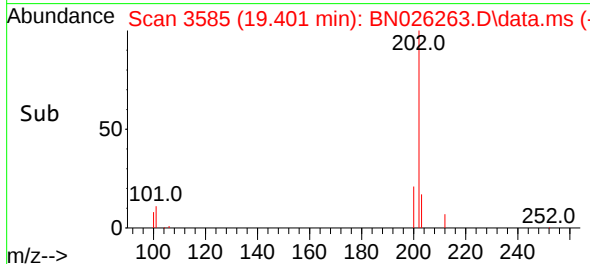
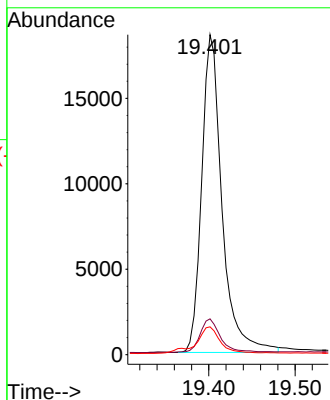


#19
Fluoranthene
Concen: 0.372 ng/ul
RT: 19.401 min Scan# 3585
Delta R.T. -0.004 min
Lab File: BN026263.D
Acq: 04 Jul 2023 15:36

Instrument :
BNA_N
ClientSampleId :

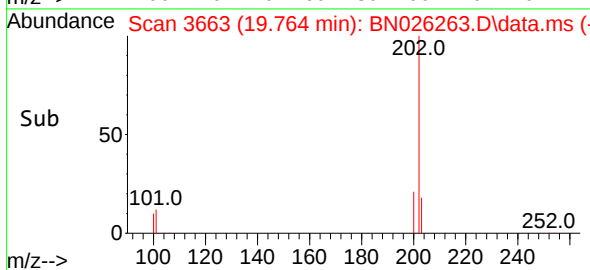
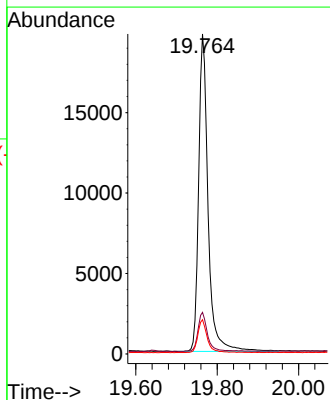
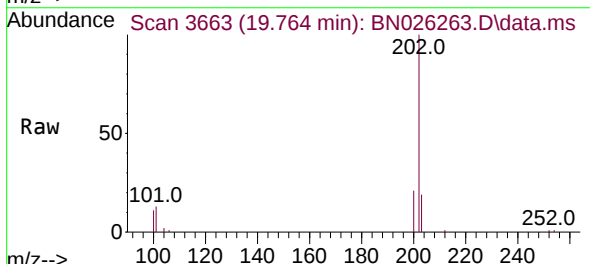


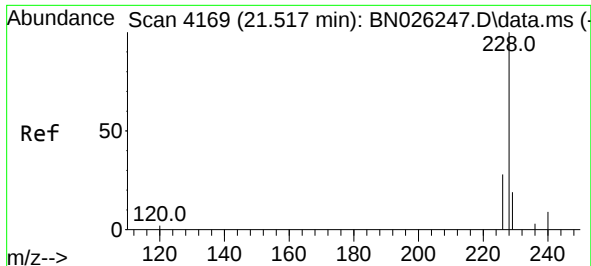
Tgt Ion:202 Resp: 30518
Ion Ratio Lower Upper
202 100
101 11.2 9.5 14.3
100 8.7 7.3 10.9



#20
Pyrene
Concen: 0.371 ng/ul
RT: 19.764 min Scan# 3663
Delta R.T. -0.008 min
Lab File: BN026263.D
Acq: 04 Jul 2023 15:36

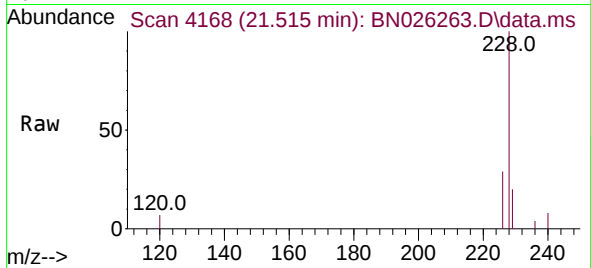
Tgt Ion:202 Resp: 31653
Ion Ratio Lower Upper
202 100
101 13.0 11.4 17.0
100 10.7 9.1 13.7



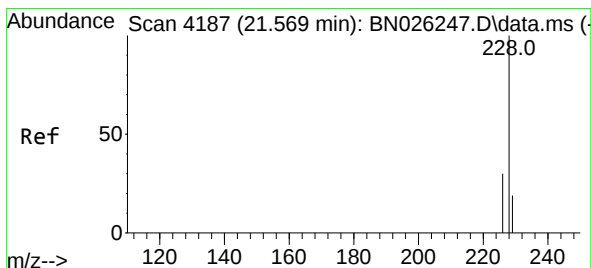
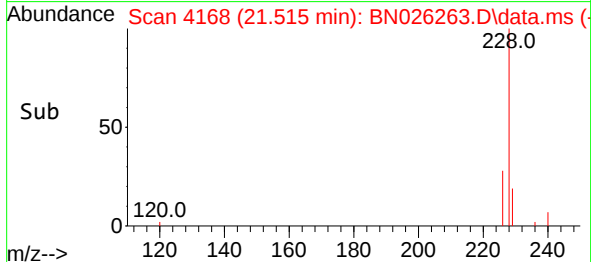
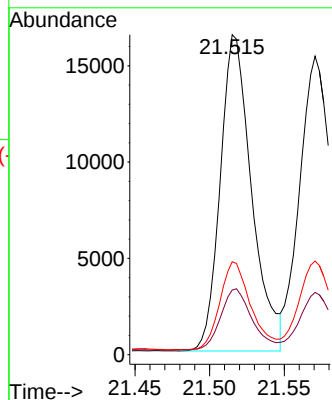


#21
Benzo(a)anthracene
Concen: 0.380 ng/ul
RT: 21.515 min Scan# 4169
Delta R.T. -0.008 min
Lab File: BN026263.D
Acq: 04 Jul 2023 15:36

Instrument :
BNA_N
ClientSampleId :

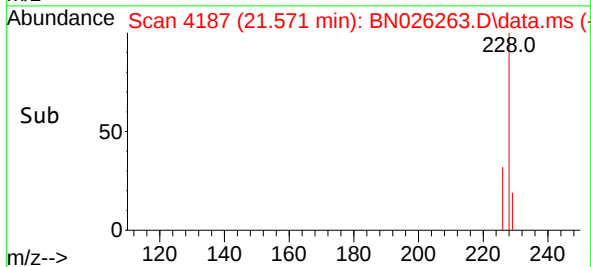
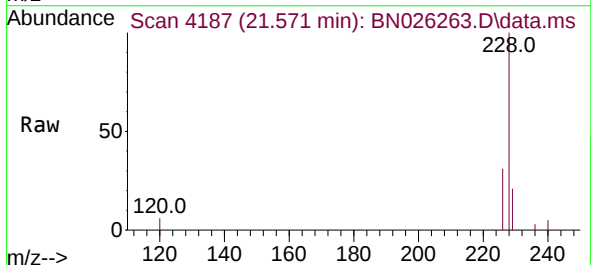
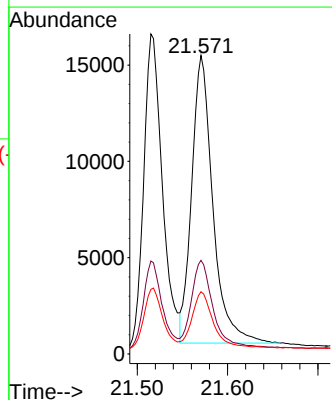


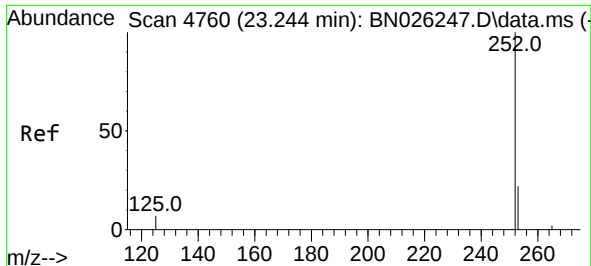
Tgt Ion:228 Resp: 24031
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.6
226 29.1 22.5 33.7



#22
Chrysene
Concen: 0.369 ng/ul
RT: 21.571 min Scan# 4187
Delta R.T. -0.008 min
Lab File: BN026263.D
Acq: 04 Jul 2023 15:36

Tgt Ion:228 Resp: 24284
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 20.9 15.7 23.5

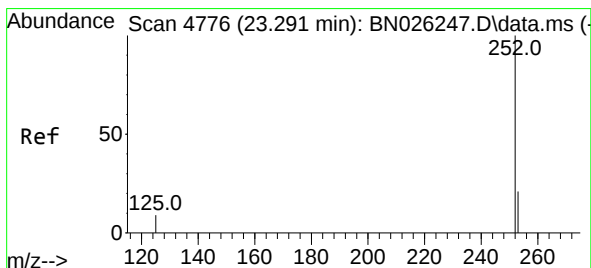
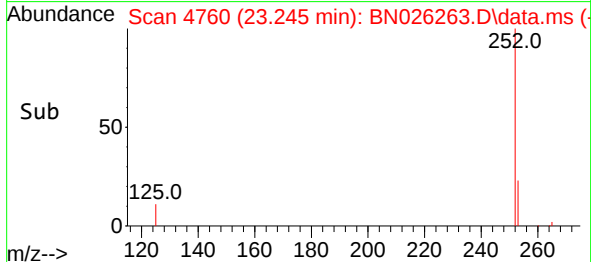
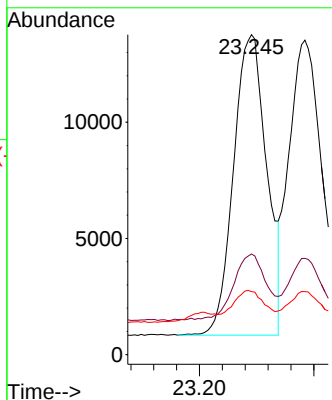
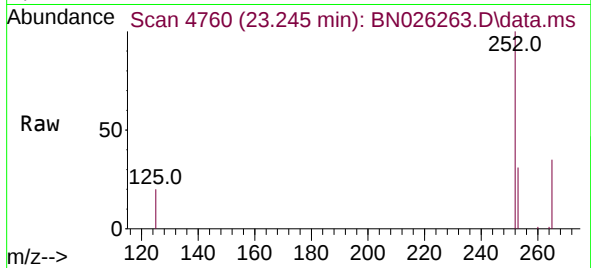




#24
Benzo(b)fluoranthene
Concen: 0.342 ng/ul
RT: 23.245 min Scan# 4760
Delta R.T. -0.008 min
Lab File: BN026263.D
Acq: 04 Jul 2023 15:36

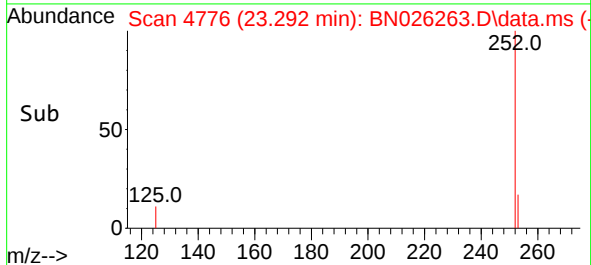
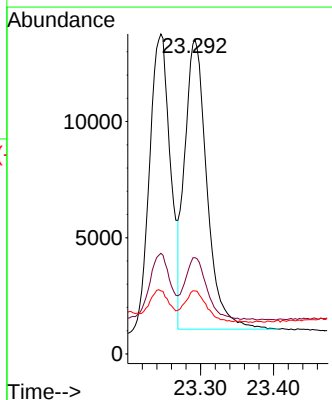
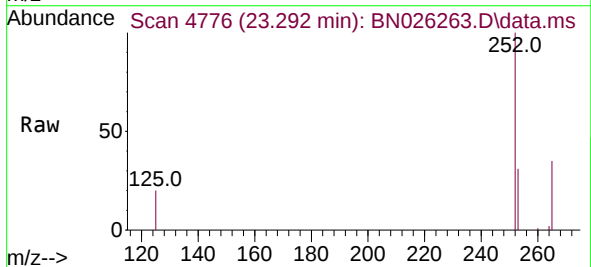
Instrument :
BNA_N
ClientSampleId :

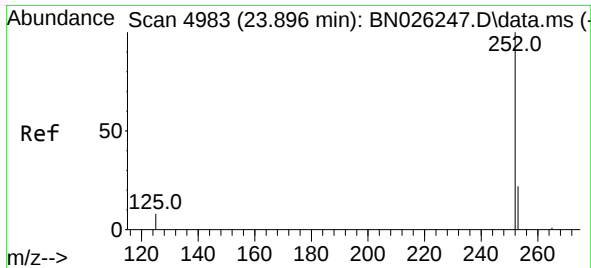
Tgt Ion:252 Resp: 26037
Ion Ratio Lower Upper
252 100
253 31.5 0.0 55.6
125 19.7 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.345 ng/ul
RT: 23.292 min Scan# 4776
Delta R.T. -0.011 min
Lab File: BN026263.D
Acq: 04 Jul 2023 15:36

Tgt Ion:252 Resp: 26360
Ion Ratio Lower Upper
252 100
253 30.6 23.2 34.8
125 20.0 15.0 22.4

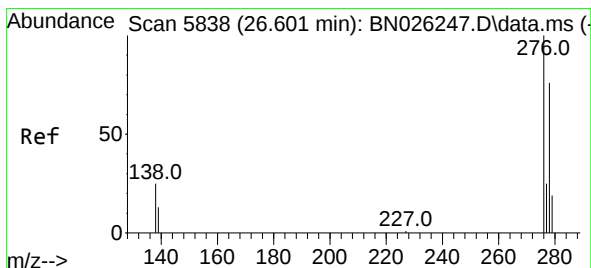
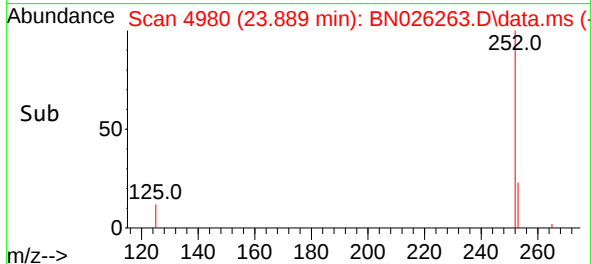
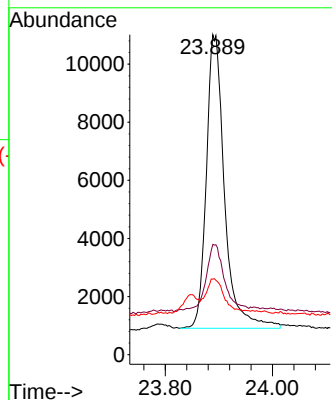
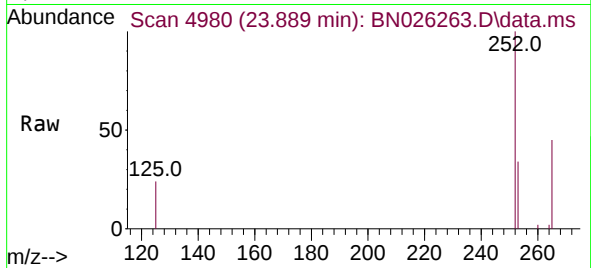




#26
Benzo(a)pyrene
Concen: 0.361 ng/ul
RT: 23.889 min Scan# 4983
Delta R.T. -0.005 min
Lab File: BN026263.D
Acq: 04 Jul 2023 15:36

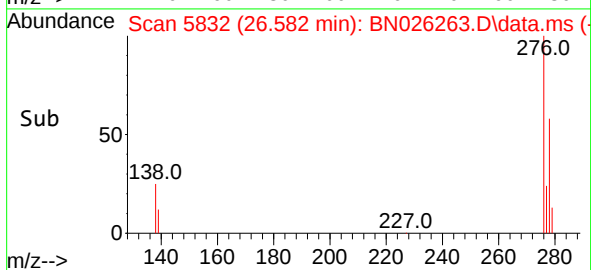
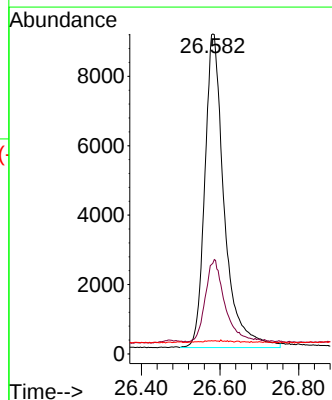
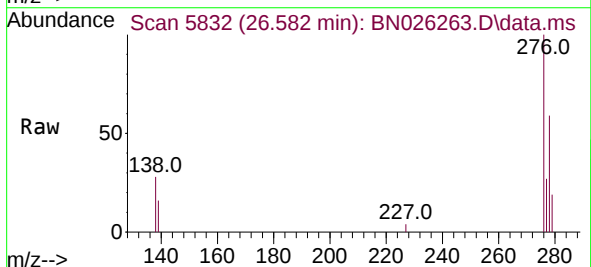
Instrument :
BNA_N
ClientSampleId :

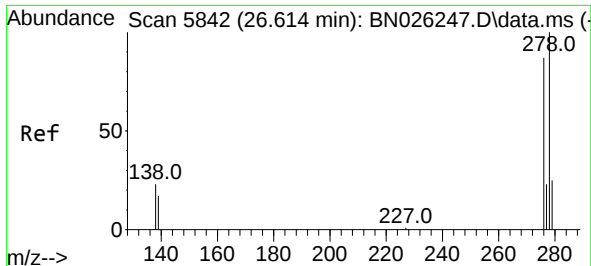
Tgt Ion:252	Resp:	23870
Ion Ratio	Lower	Upper
252	100	
253	34.5	26.0 39.0
125	23.6	17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.429 ng/ul
RT: 26.582 min Scan# 5832
Delta R.T. -0.006 min
Lab File: BN026263.D
Acq: 04 Jul 2023 15:36

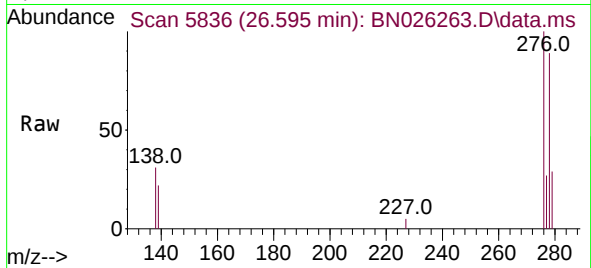
Tgt Ion:276	Resp:	30927
Ion Ratio	Lower	Upper
276	100	
138	26.6	24.5 36.7
227	0.4	0.0 0.0#



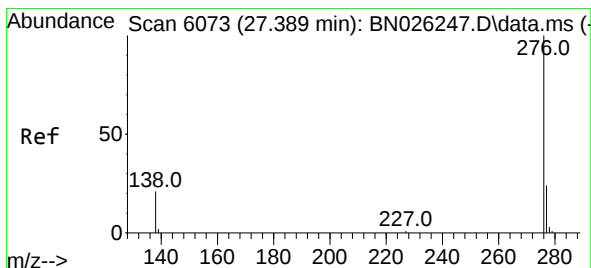
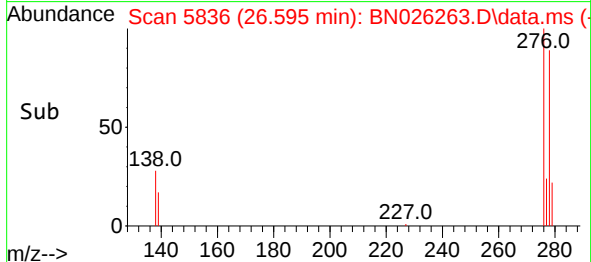
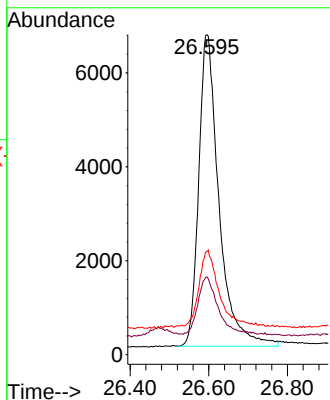


#28
 Dibenzo(a,h)anthracene
 Concen: 0.434 ng/ul
 RT: 26.595 min Scan# 5836
 Delta R.T. -0.013 min
 Lab File: BN026263.D
 Acq: 04 Jul 2023 15:36

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:278 Resp: 23684
 Ion Ratio Lower Upper
 278 100
 139 24.3 19.0 28.4
 279 32.2 26.7 40.1



#29
 Benzo(g,h,i)perylene
 Concen: 0.410 ng/ul
 RT: 27.380 min Scan# 6070
 Delta R.T. -0.006 min
 Lab File: BN026263.D
 Acq: 04 Jul 2023 15:36

Tgt Ion:276 Resp: 26325
 Ion Ratio Lower Upper
 276 100
 138 27.6 23.4 35.0
 277 26.4 20.0 30.0

