

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042623\
 Data File : BN025163.D
 Acq On : 27 Apr 2023 01:14
 Operator : CG/JU
 Sample : SP6186
 Misc : SFAM SIM SPIKE
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP6186

Quant Time: Apr 27 01:51:29 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 26 15:32:47 2023
 Response via : Initial Calibration

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

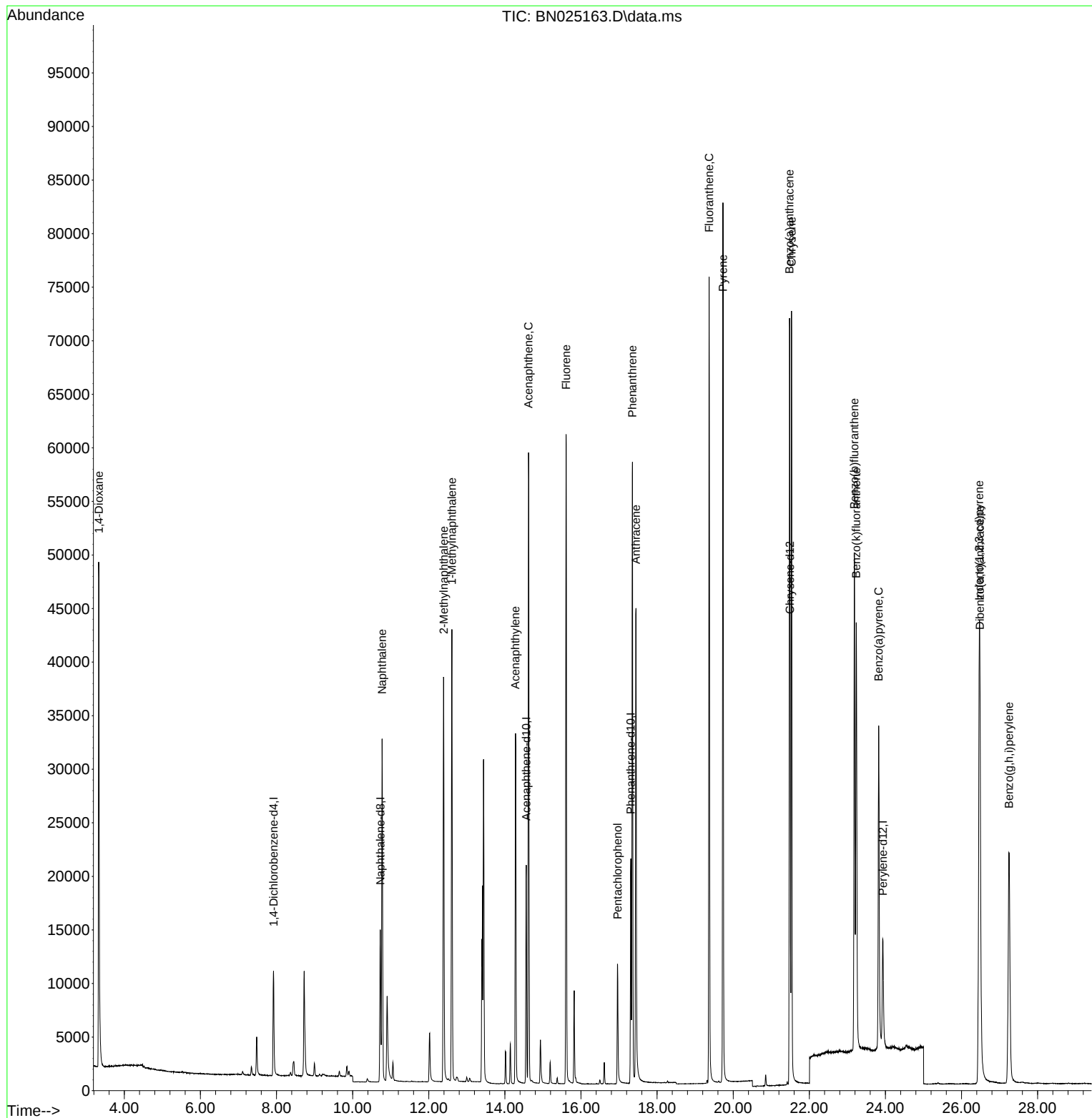
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	5832	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	18387	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.562	164	11094	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	24469	0.400	ng/ul	0.00
17) Chrysene-d12	21.495	240	20101	0.400	ng/ul	-0.02
23) Perylene-d12	23.932	264	15966	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/ul	
6) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng/ul	
18) Fluoranthene-d10	0.000	212	0d	0.000	ng/ul	
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	29962	4.607	ng/ul	87
5) Naphthalene	10.776	128	44042	0.935	ng/ul	100
7) 2-Methylnaphthalene	12.392	142	27967	0.969	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	28983	0.942	ng/ul	100
10) Acenaphthylene	14.279	152	38611	0.934	ng/ul	100
11) Acenaphthene	14.622	153	33352	0.957	ng/ul	100
12) Fluorene	15.607	166	38473	0.988	ng/ul	98
14) Pentachlorophenol	16.959	266	8356	1.739	ng/ul	99
15) Phenanthrene	17.352	178	62789	0.909	ng/ul	99
16) Anthracene	17.445	178	53218	0.942	ng/ul	99
19) Fluoranthene	19.369	202	66623	0.917	ng/ul	100
20) Pyrene	19.731	202	69881	0.936	ng/ul	100
21) Benzo(a)anthracene	21.480	228	58743	0.970	ng/ul	99
22) Chrysene	21.533	228	63655	0.963	ng/ul	99
24) Benzo(b)fluoranthene	23.184	252	61167	0.944	ng/ul	95
25) Benzo(k)fluoranthene	23.234	252	58809	0.944	ng/ul	95
26) Benzo(a)pyrene	23.824	252	47142	0.880	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.464	276	57022	0.923	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.485	278	45917	0.952	ng/ul	95
29) Benzo(g,h,i)perylene	27.249	276	48312	0.920	ng/ul	98

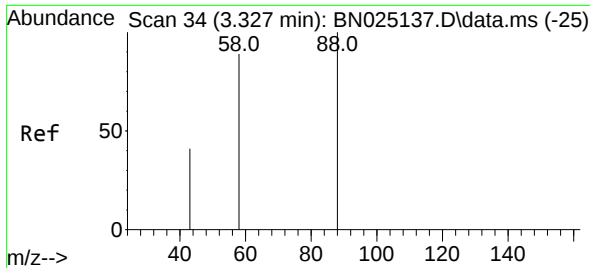
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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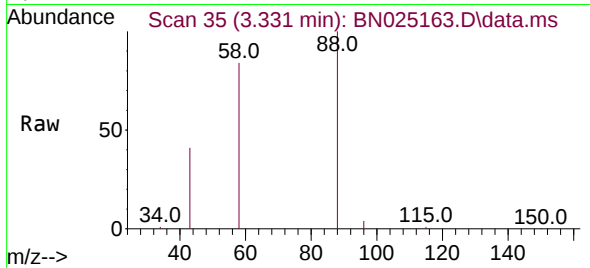
Quant Time: Apr 27 01:51:29 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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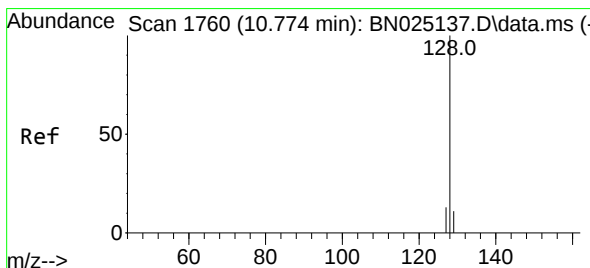
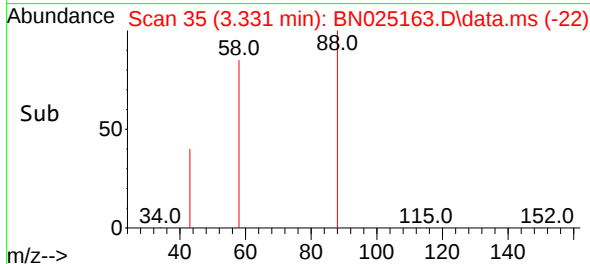
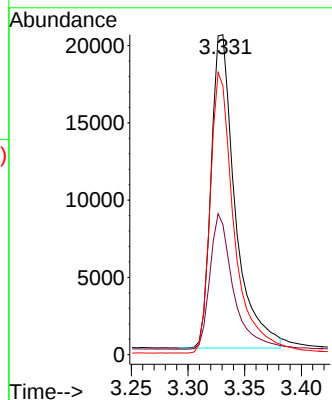
#2
 1,4-Dioxane
 Concen: 4.607 ng/ul
 RT: 3.331 min Scan# 31
 Delta R.T. 0.004 min
 Lab File: BN025163.D
 Acq: 27 Apr 2023 01:14

Instrument :
 BNA_N
 ClientSampleId :
 SP6186



Tgt Ion: 88 Resp: 29962

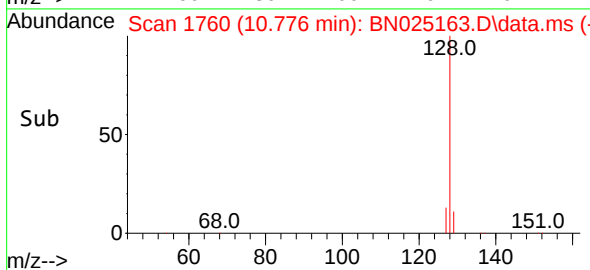
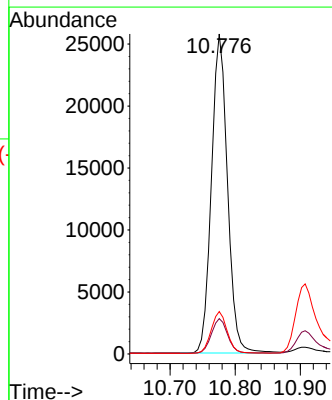
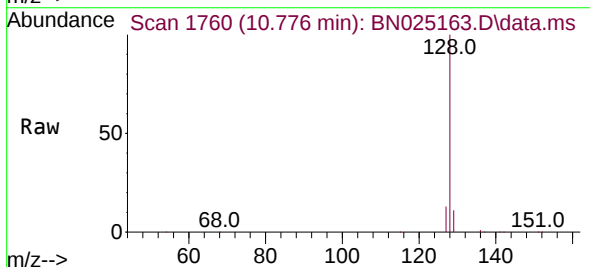
Ion	Ratio	Lower	Upper
88	100		
43	40.7	37.0	55.4
58	84.0	56.9	85.3

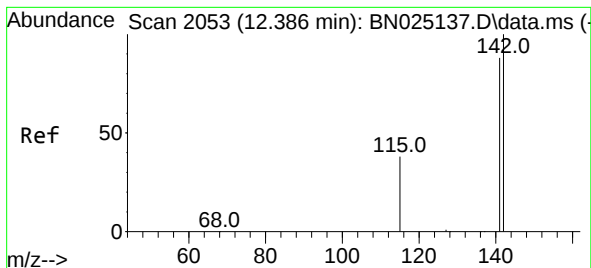


#5
 Naphthalene
 Concen: 0.935 ng/ul
 RT: 10.776 min Scan# 1760
 Delta R.T. 0.001 min
 Lab File: BN025163.D
 Acq: 27 Apr 2023 01:14

Tgt Ion: 128 Resp: 44042

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.3	10.7	16.1





#7

2-Methylnaphthalene

Concen: 0.969 ng/ul

RT: 12.392 min Scan# 2053

Delta R.T. 0.007 min

Lab File: BN025163.D

Acq: 27 Apr 2023 01:14

Instrument :

BNA_N

ClientSampleId :

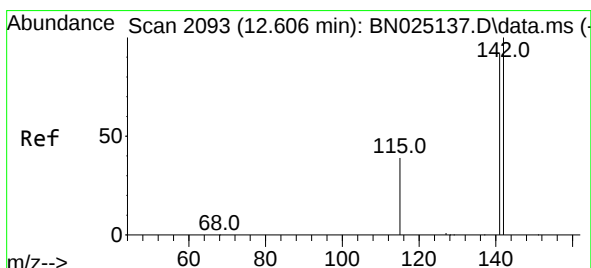
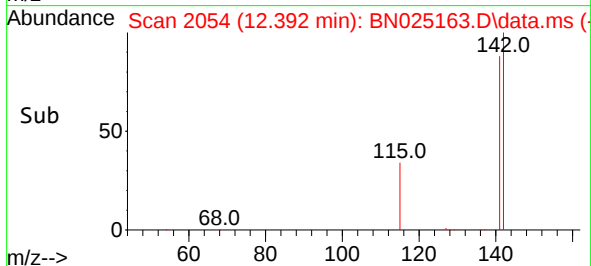
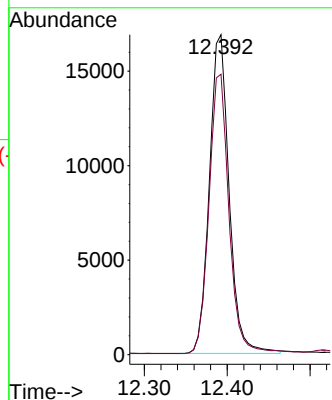
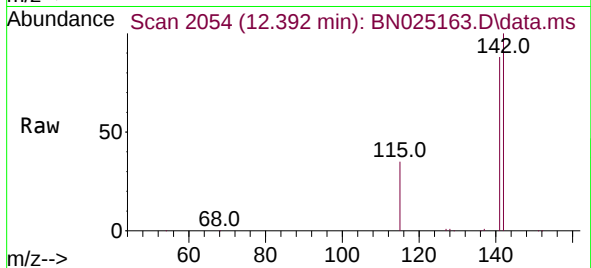
SP6186

Tgt Ion:142 Resp: 27967

Ion Ratio Lower Upper

142 100

141 88.7 71.4 107.0



#8

1-Methylnaphthalene

Concen: 0.942 ng/ul

RT: 12.607 min Scan# 2093

Delta R.T. 0.001 min

Lab File: BN025163.D

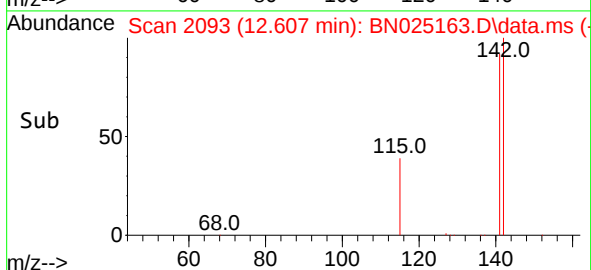
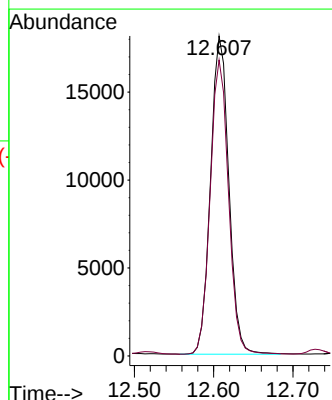
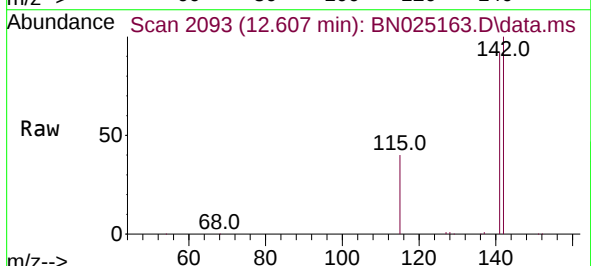
Acq: 27 Apr 2023 01:14

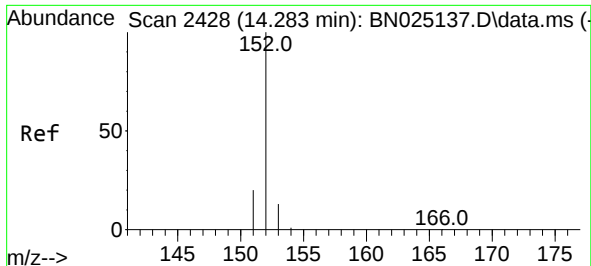
Tgt Ion:142 Resp: 28983

Ion Ratio Lower Upper

142 100

141 92.6 73.8 110.6

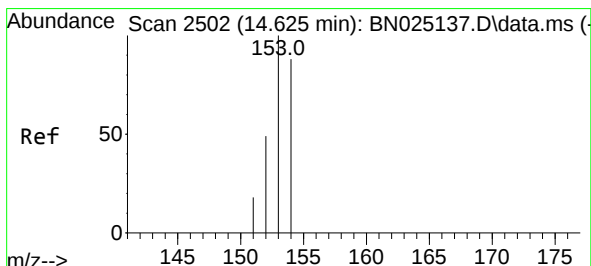
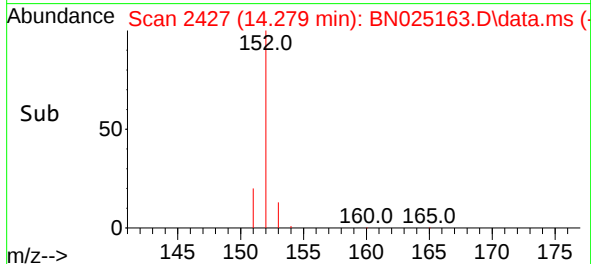
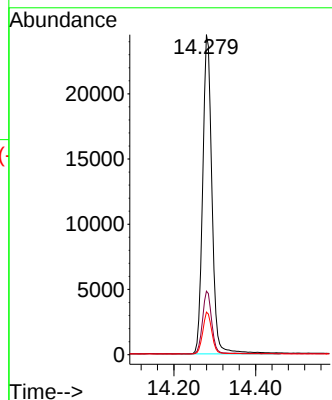
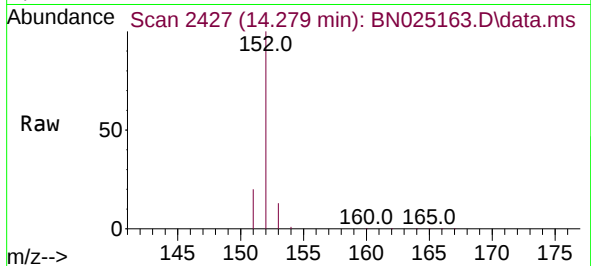




#10
Acenaphthylene
Concen: 0.934 ng/ul
RT: 14.279 min Scan# 2427
Delta R.T. -0.004 min
Lab File: BN025163.D
Acq: 27 Apr 2023 01:14

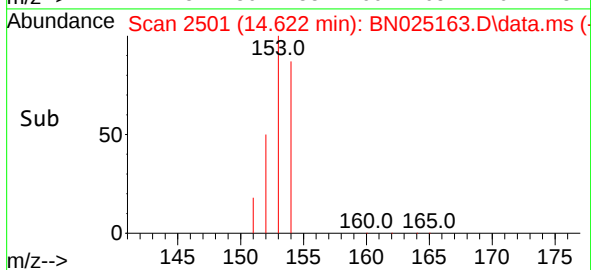
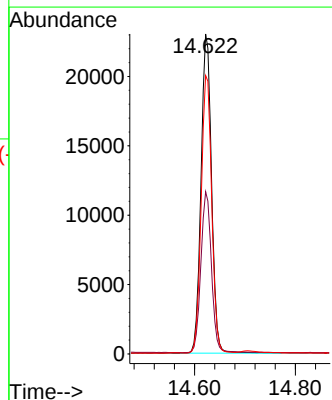
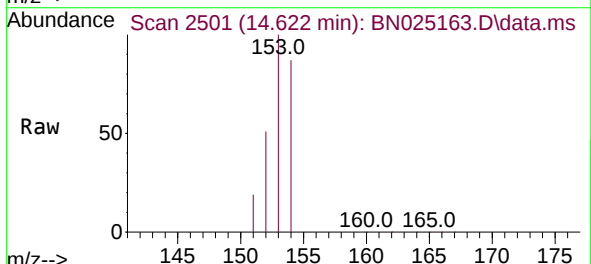
Instrument :
BNA_N
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SP6186

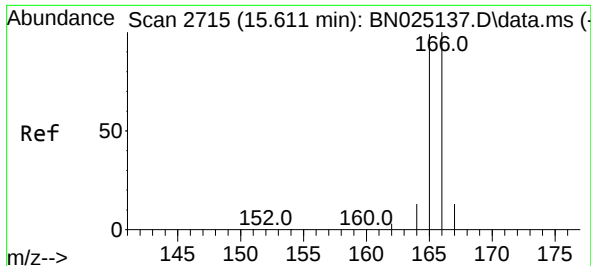
Tgt Ion:152 Resp: 38611
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.3 10.8 16.2



#11
Acenaphthene
Concen: 0.957 ng/ul
RT: 14.622 min Scan# 2501
Delta R.T. -0.004 min
Lab File: BN025163.D
Acq: 27 Apr 2023 01:14

Tgt Ion:153 Resp: 33352
Ion Ratio Lower Upper
153 100
152 50.7 40.2 60.4
154 87.0 69.4 104.2

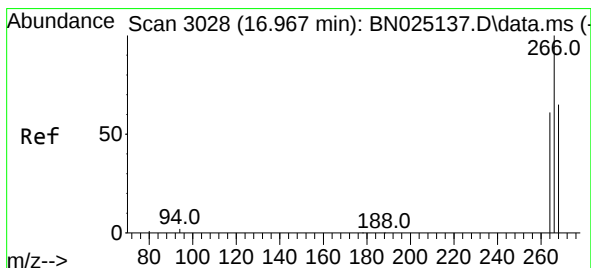
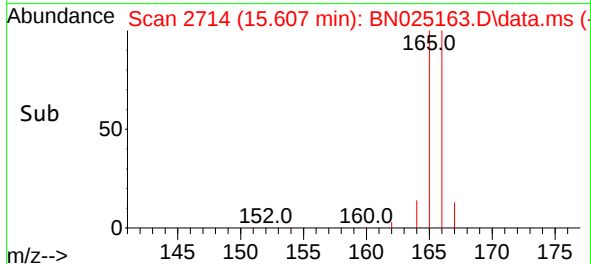
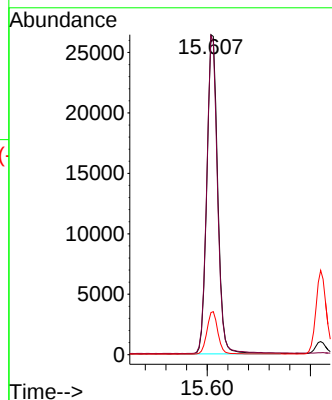
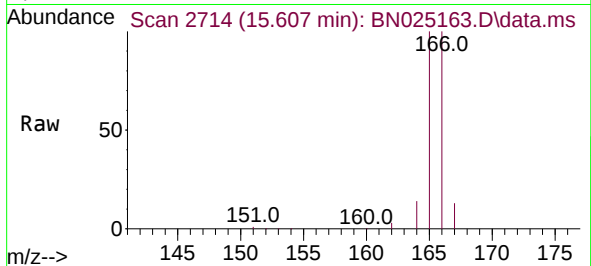




#12
Fluorene
Concen: 0.988 ng/ul
RT: 15.607 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN025163.D
Acq: 27 Apr 2023 01:14

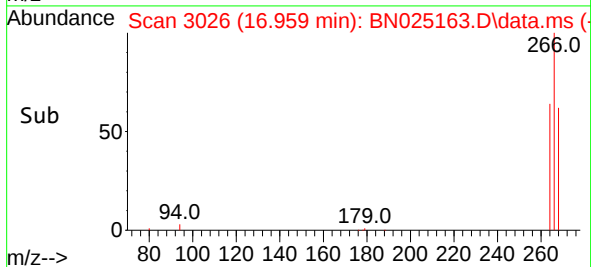
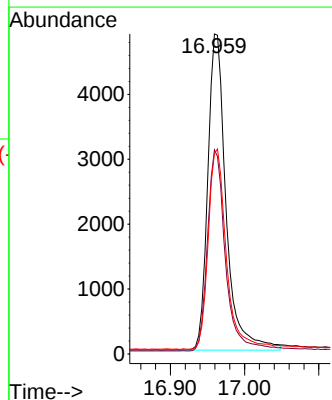
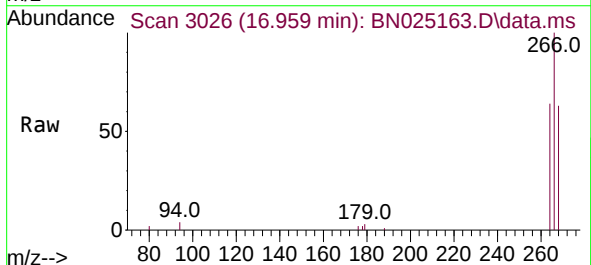
Instrument :
BNA_N
ClientSampleId :
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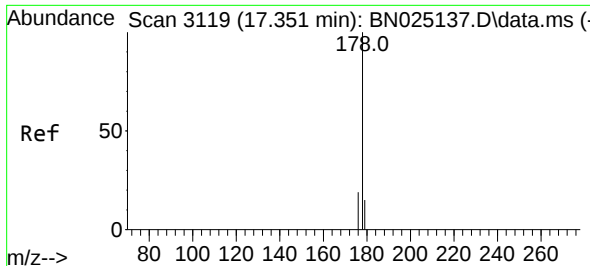
Tgt Ion:166 Resp: 38473
Ion Ratio Lower Upper
166 100
165 99.7 78.1 117.1
167 13.1 11.0 16.6



#14
Pentachlorophenol
Concen: 1.739 ng/ul
RT: 16.959 min Scan# 3026
Delta R.T. -0.007 min
Lab File: BN025163.D
Acq: 27 Apr 2023 01:14

Tgt Ion:266 Resp: 8356
Ion Ratio Lower Upper
266 100
264 62.6 49.6 74.4
268 63.5 51.3 76.9

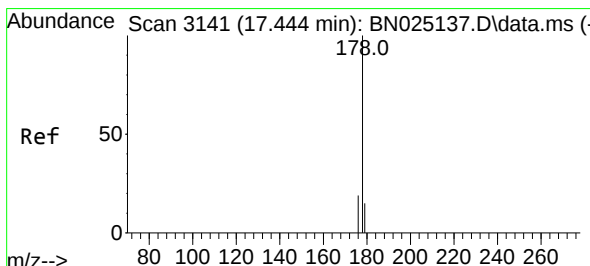
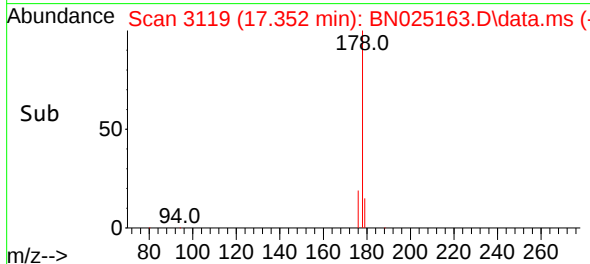
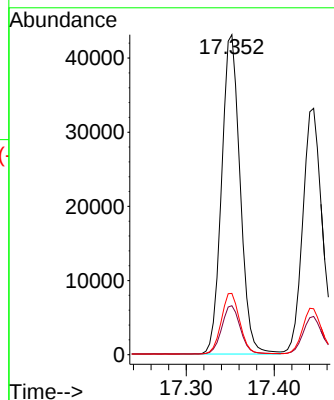
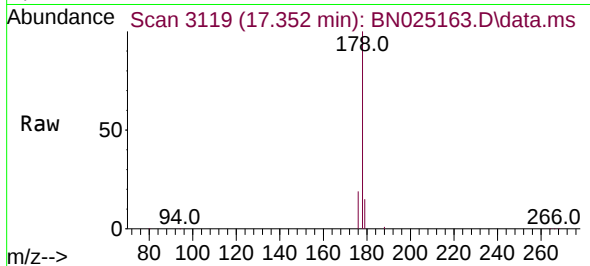




#15
Phenanthrene
Concen: 0.909 ng/u1
RT: 17.352 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BN025163.D
Acq: 27 Apr 2023 01:14

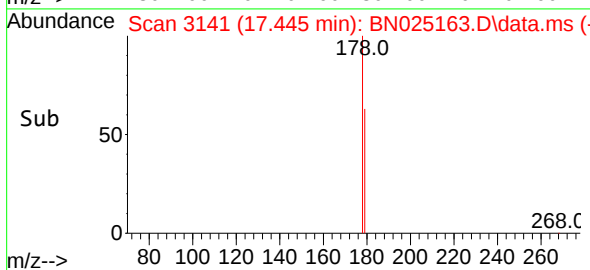
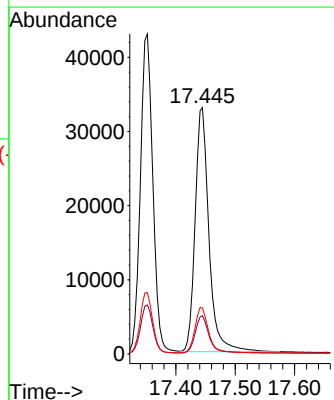
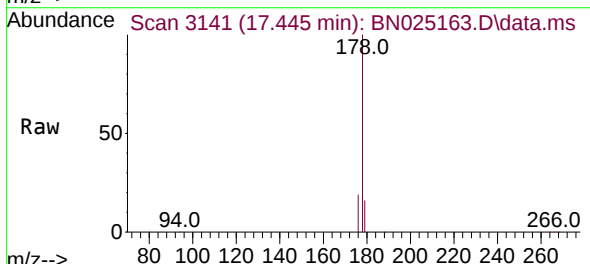
Instrument :
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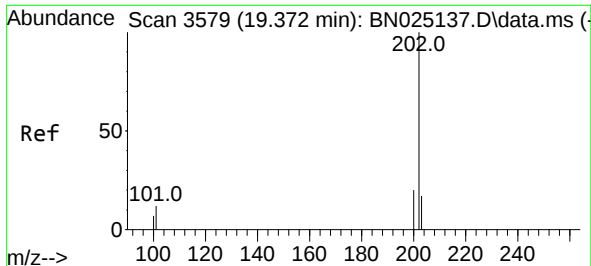
Tgt Ion:178 Resp: 62789
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 19.2 15.6 23.4



#16
Anthracene
Concen: 0.942 ng/u1
RT: 17.445 min Scan# 3141
Delta R.T. 0.001 min
Lab File: BN025163.D
Acq: 27 Apr 2023 01:14

Tgt Ion:178 Resp: 53218
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 18.6 15.3 22.9

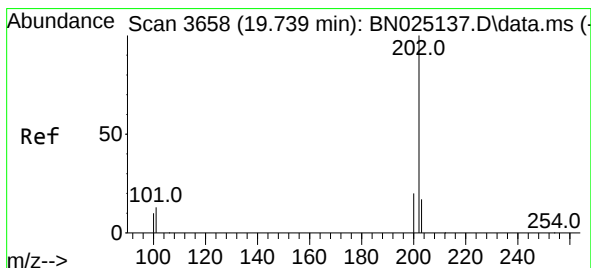
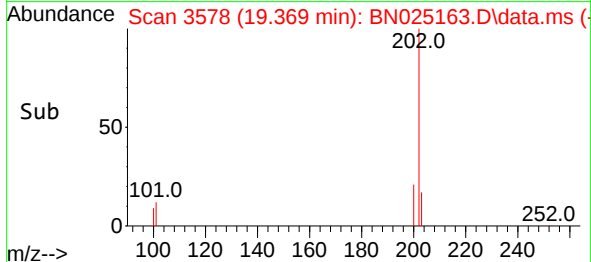
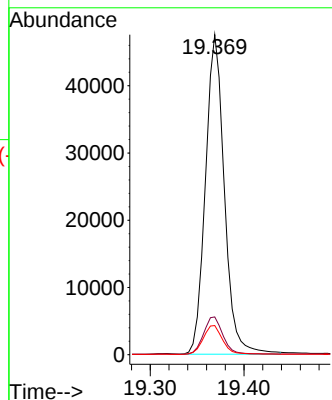
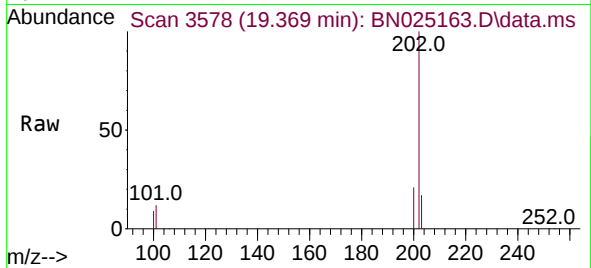




#19
Fluoranthene
Concen: 0.917 ng/ul
RT: 19.369 min Scan# 3578
Delta R.T. -0.003 min
Lab File: BN025163.D
Acq: 27 Apr 2023 01:14

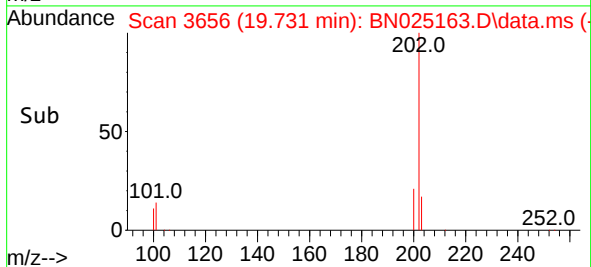
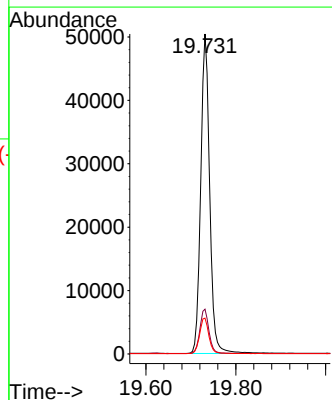
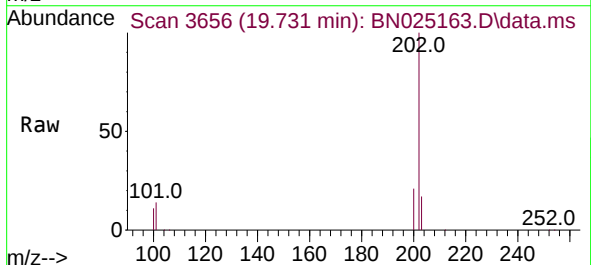
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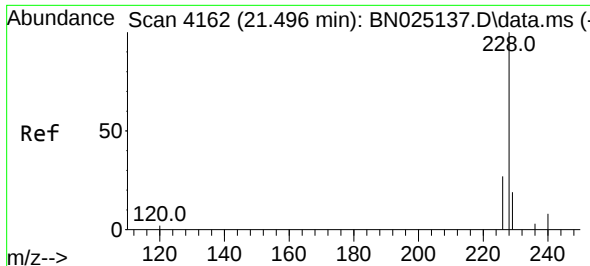
Tgt Ion:202 Resp: 66623
Ion Ratio Lower Upper
202 100
101 11.8 9.7 14.5
100 9.1 7.3 10.9



#20
Pyrene
Concen: 0.936 ng/ul
RT: 19.731 min Scan# 3656
Delta R.T. -0.008 min
Lab File: BN025163.D
Acq: 27 Apr 2023 01:14

Tgt Ion:202 Resp: 69881
Ion Ratio Lower Upper
202 100
101 14.0 11.3 16.9
100 11.2 9.2 13.8

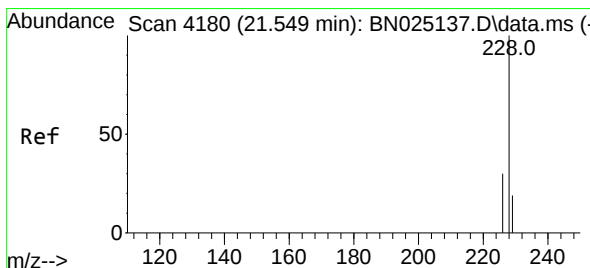
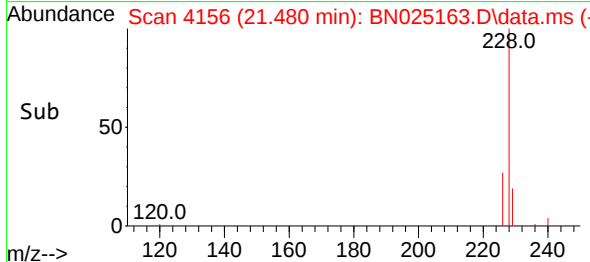
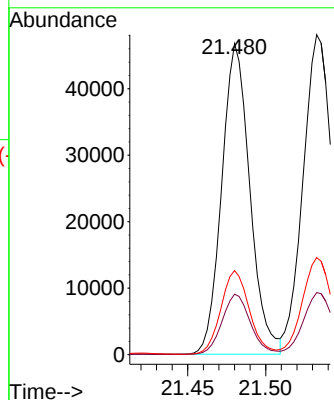
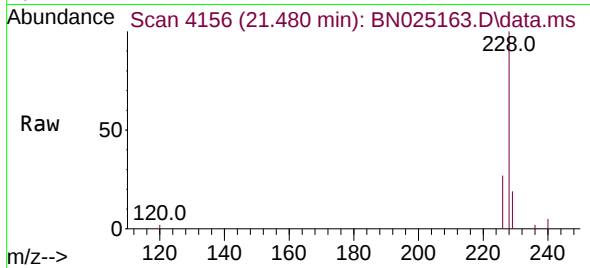




#21
Benzo(a)anthracene
Concen: 0.970 ng/ul
RT: 21.480 min Scan# 4162
Delta R.T. -0.016 min
Lab File: BN025163.D
Acq: 27 Apr 2023 01:14

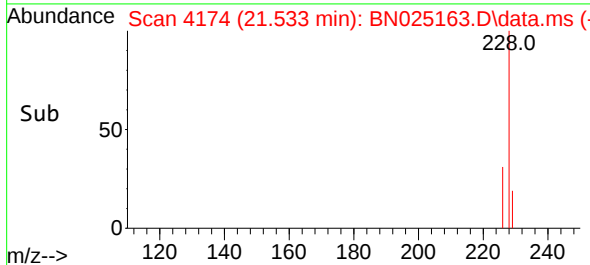
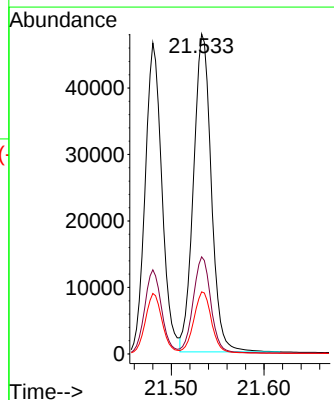
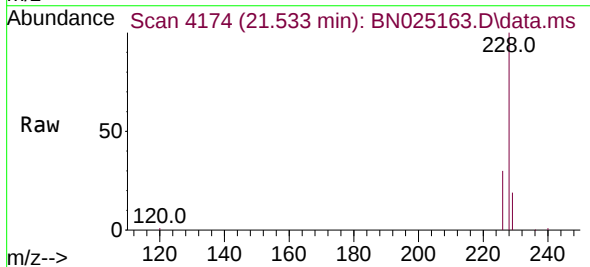
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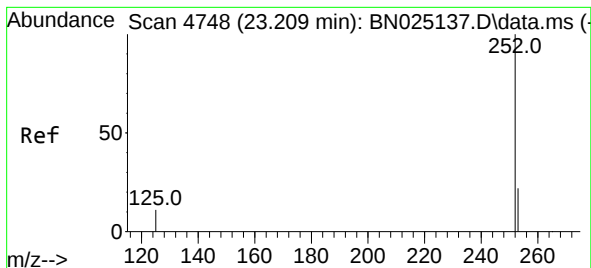
Tgt Ion:228 Resp: 58743
Ion Ratio Lower Upper
228 100
229 19.5 15.6 23.4
226 27.1 22.1 33.1



#22
Chrysene
Concen: 0.963 ng/ul
RT: 21.533 min Scan# 4174
Delta R.T. -0.016 min
Lab File: BN025163.D
Acq: 27 Apr 2023 01:14

Tgt Ion:228 Resp: 63655
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 19.4 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.944 ng/ul

RT: 23.184 min Scan# 4739

Delta R.T. -0.025 min

Lab File: BN025163.D

Acq: 27 Apr 2023 01:14

Instrument :

BNA_N

ClientSampleId :

SP6186

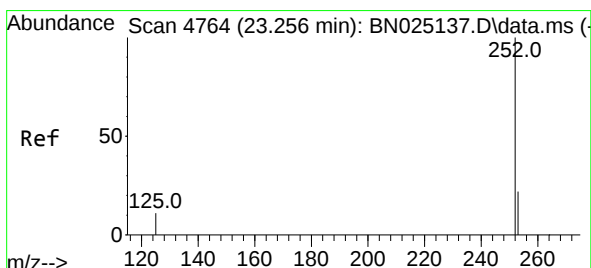
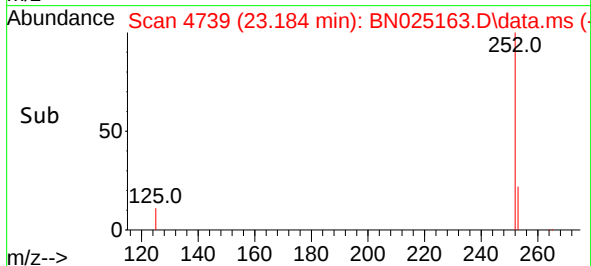
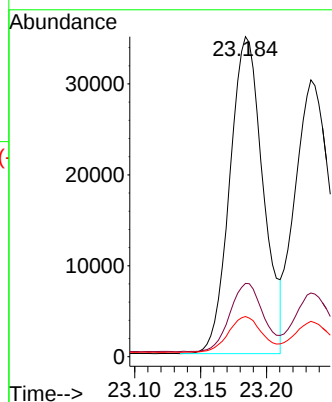
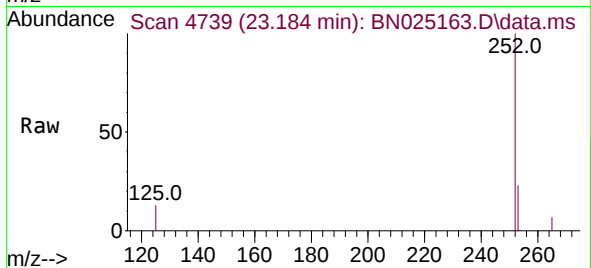
Tgt Ion:252 Resp: 61167

Ion Ratio Lower Upper

252 100

253 22.9 0.0 50.2

125 12.5 0.0 30.4



#25

Benzo(k)fluoranthene

Concen: 0.944 ng/ul

RT: 23.234 min Scan# 4756

Delta R.T. -0.022 min

Lab File: BN025163.D

Acq: 27 Apr 2023 01:14

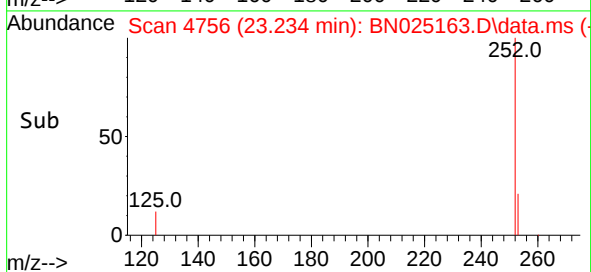
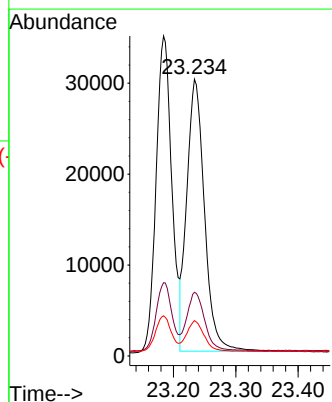
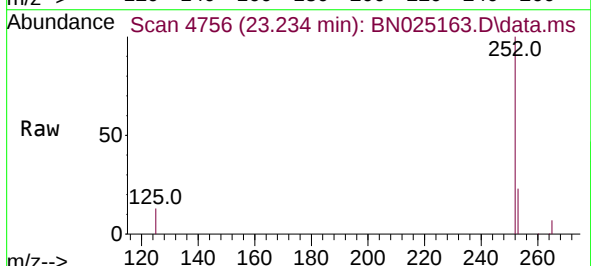
Tgt Ion:252 Resp: 58809

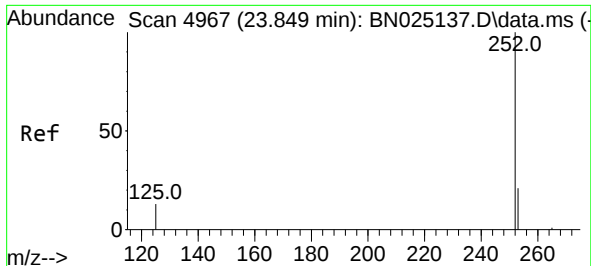
Ion Ratio Lower Upper

252 100

253 23.0 20.2 30.4

125 12.8 11.8 17.8

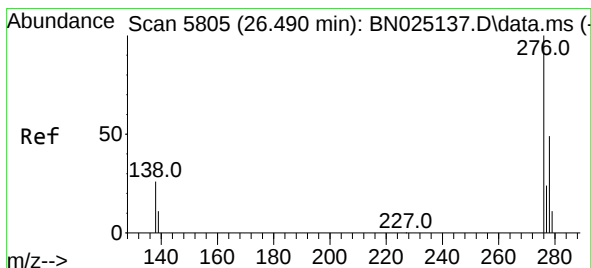
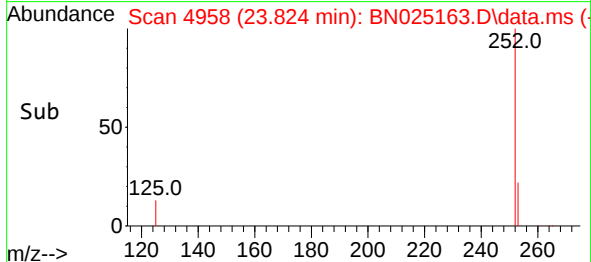
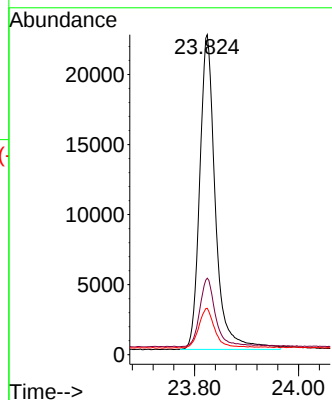
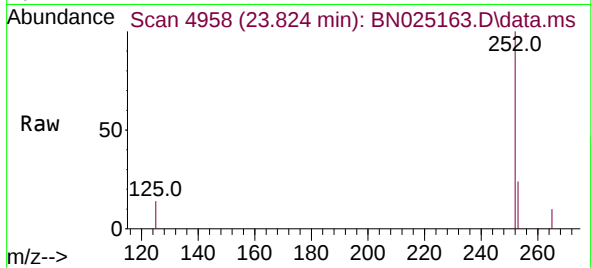




#26
Benzo(a)pyrene
Concen: 0.880 ng/ul
RT: 23.824 min Scan# 4967
Delta R.T. -0.025 min
Lab File: BN025163.D
Acq: 27 Apr 2023 01:14

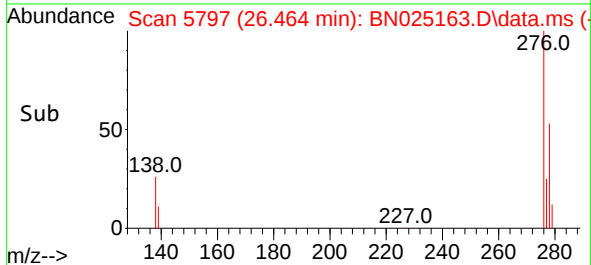
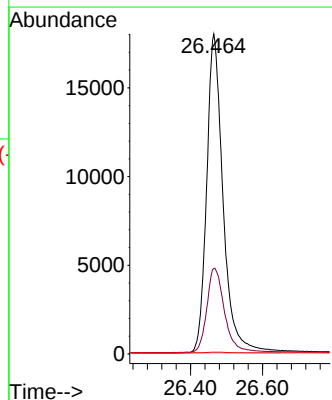
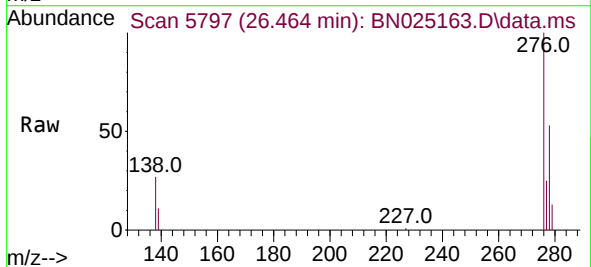
Instrument :
BNA_N
ClientSampleId :
SP6186

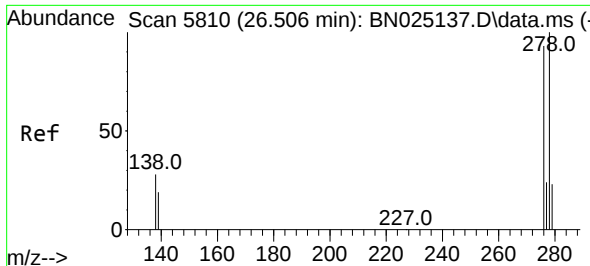
Tgt Ion:252 Resp: 47142
Ion Ratio Lower Upper
252 100
253 23.9 21.4 32.2
125 14.5 14.6 22.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.923 ng/ul
RT: 26.464 min Scan# 5797
Delta R.T. -0.025 min
Lab File: BN025163.D
Acq: 27 Apr 2023 01:14

Tgt Ion:276 Resp: 57022
Ion Ratio Lower Upper
276 100
138 28.2 21.9 32.9
227 0.2 0.1 0.1#

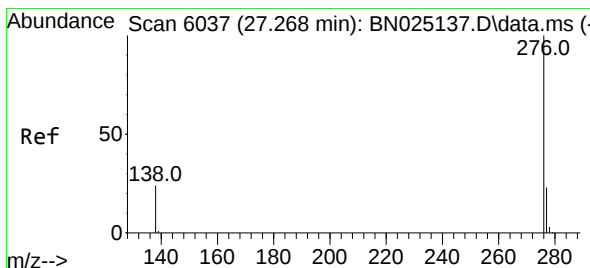
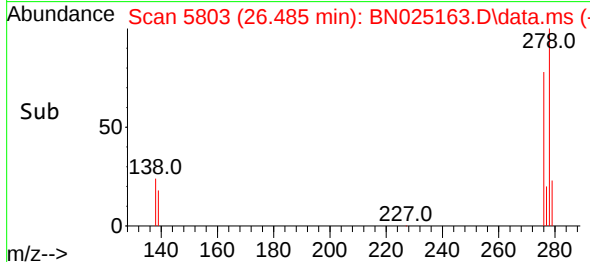
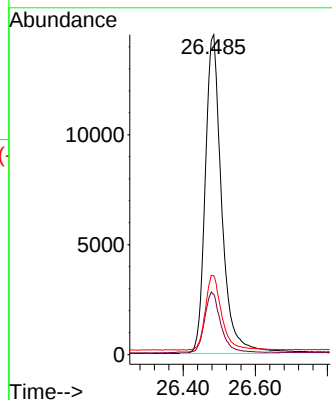
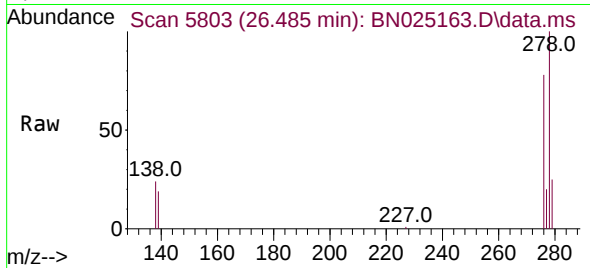




#28
 Dibenzo(a,h)anthracene
 Concen: 0.952 ng/ul
 RT: 26.485 min Scan# 5810
 Delta R.T. -0.022 min
 Lab File: BN025163.D
 Acq: 27 Apr 2023 01:14

Instrument :
 BNA_N
 ClientSampleId :
 SP6186

Tgt Ion:278 Resp: 45917
 Ion Ratio Lower Upper
 278 100
 139 18.9 17.0 25.6
 279 24.6 21.8 32.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.920 ng/ul
 RT: 27.249 min Scan# 6031
 Delta R.T. -0.019 min
 Lab File: BN025163.D
 Acq: 27 Apr 2023 01:14

Tgt Ion:276 Resp: 48312
 Ion Ratio Lower Upper
 276 100
 138 24.2 20.3 30.5
 277 24.0 19.8 29.6

