

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027067.D
 Acq On : 23 Aug 2023 18:28
 Operator : MA/JU
 Sample : PB154973BS
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 24 01:39:17 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 23 02:28:27 2023
 Response via : Initial Calibration

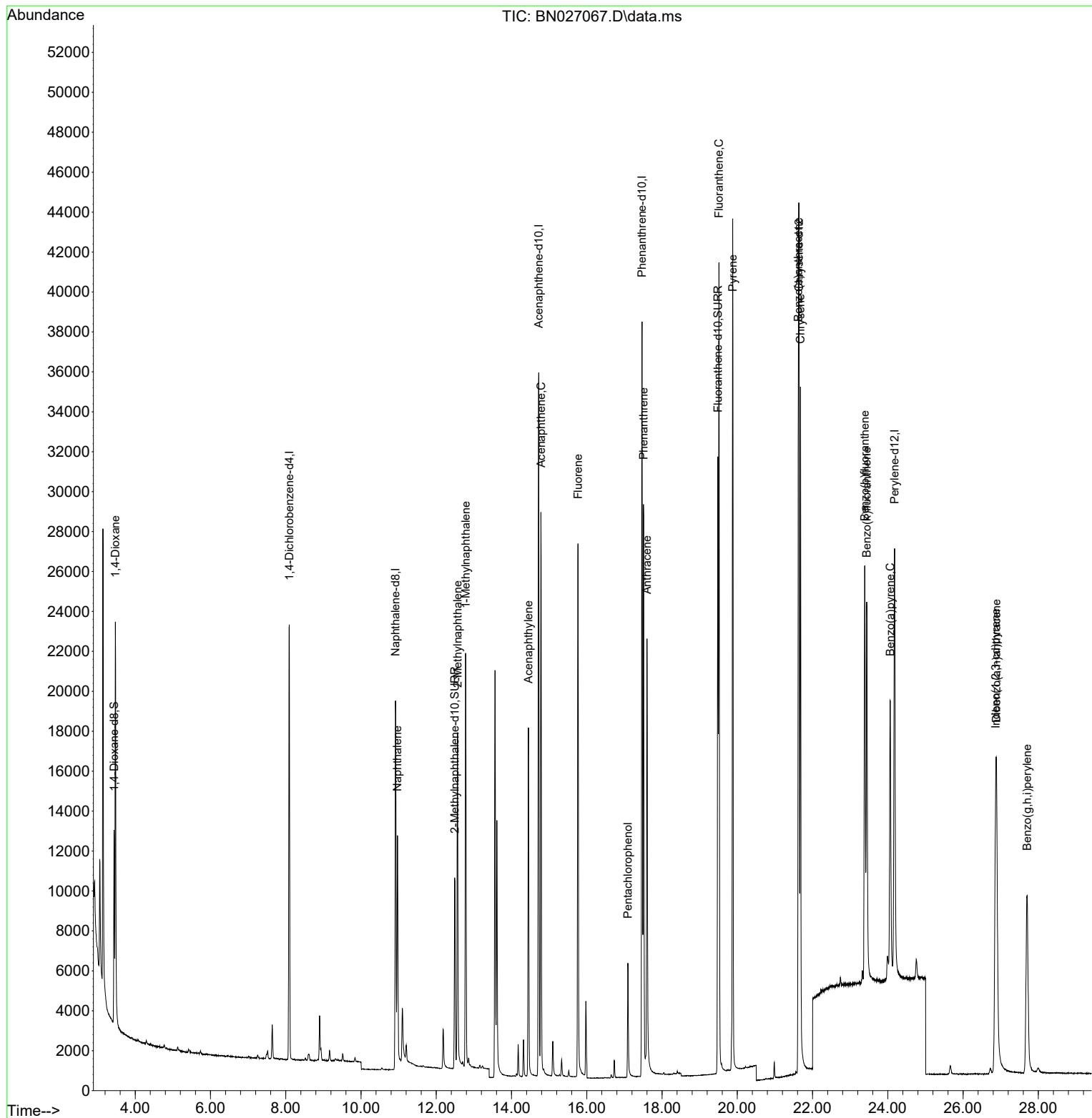
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	11256	0.400	ng/ul	0.00
4) Naphthalene-d8	10.916	136	28908	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.721	164	20349	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.468	188	46614	0.400	ng/ul	0.00
17) Chrysene-d12	21.638	240	35993	0.400	ng/ul	0.00
23) Perylene-d12	24.179	264	34064	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	6591	0.493	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.489	152	13389	0.315	ng/ul	0.00
18) Fluoranthene-d10	19.483	212	34401	0.303	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.473	88	14268	1.046	ng/ul#	93
5) Naphthalene	10.966	128	17006	0.208	ng/ul	99
7) 2-Methylnaphthalene	12.566	142	12778	0.258	ng/ul	100
8) 1-Methylnaphthalene	12.781	142	14431	0.279	ng/ul	99
10) Acenaphthylene	14.448	152	20720	0.182	ng/ul	100
11) Acenaphthene	14.782	153	16305	0.207	ng/ul	99
12) Fluorene	15.767	166	18551	0.208	ng/ul	100
14) Pentachlorophenol	17.092	266	4114	0.312	ng/ul	99
15) Phenanthrene	17.506	178	31095	0.203	ng/ul	99
16) Anthracene	17.599	178	26611	0.192	ng/ul	99
19) Fluoranthene	19.511	202	36110	0.242	ng/ul	97
20) Pyrene	19.878	202	37093	0.233	ng/ul	100
21) Benzo(a)anthracene	21.621	228	29882	0.209	ng/ul	100
22) Chrysene	21.679	228	31678	0.224	ng/ul	99
24) Benzo(b)fluoranthene	23.386	252	30916	0.240	ng/ul	96
25) Benzo(k)fluoranthene	23.439	252	30022	0.236	ng/ul#	94
26) Benzo(a)pyrene	24.065	252	25105	0.216	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.868	276	28427	0.187	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.888	278	22446	0.185	ng/ul	97
29) Benzo(g,h,i)perylene	27.703	276	23600	0.186	ng/ul	97

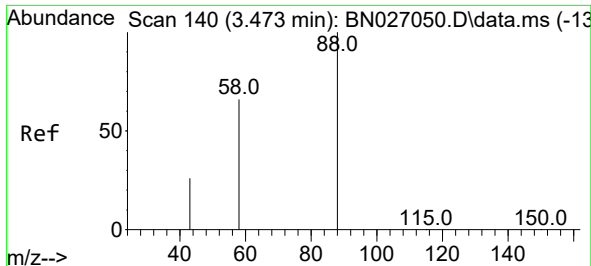
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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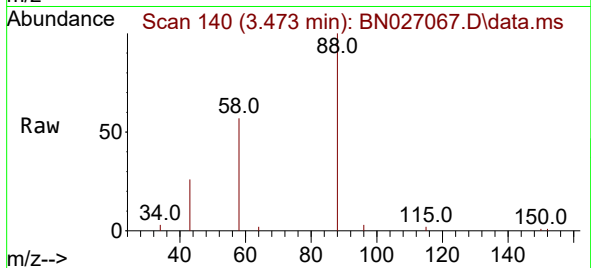
Quant Time: Aug 24 01:39:17 2023
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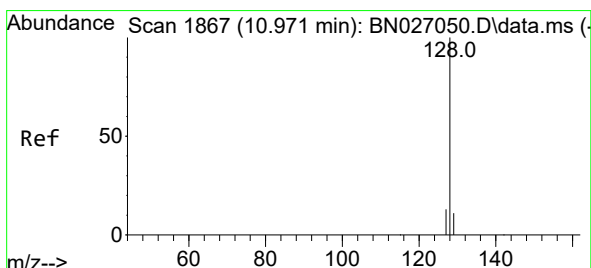
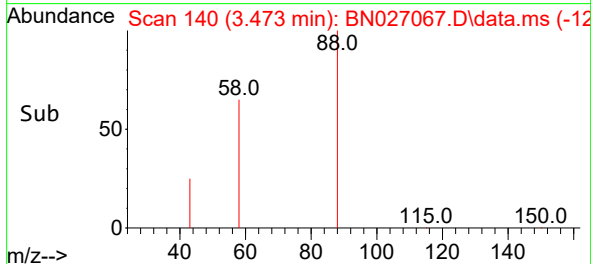
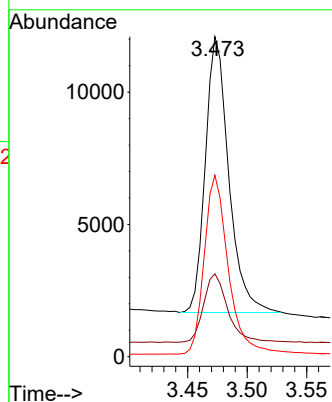


#2
1,4-Dioxane
Concen: 1.046 ng/ul
RT: 3.473 min Scan# 14
Delta R.T. -0.004 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

Instrument :
BNA_P
ClientSampleId :

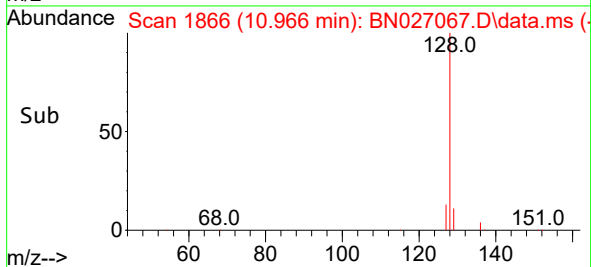
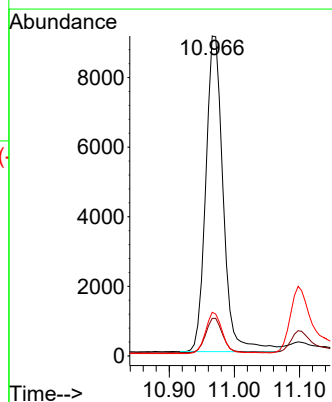
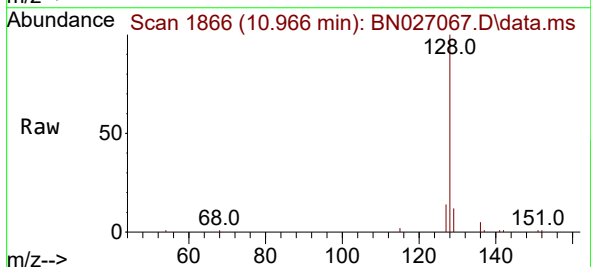


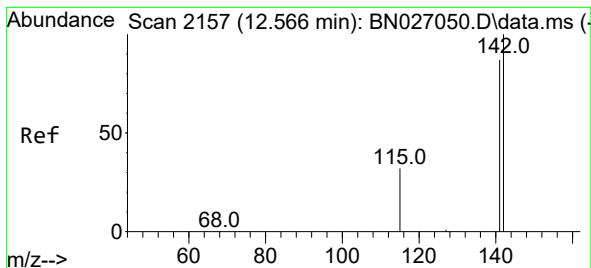
Tgt Ion: 88 Resp: 14268
Ion Ratio Lower Upper
88 100
43 25.9 28.0 42.0#
58 56.7 46.0 69.0



#5
Naphthalene
Concen: 0.208 ng/ul
RT: 10.966 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

Tgt Ion:128 Resp: 17006
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.6 10.5 15.7

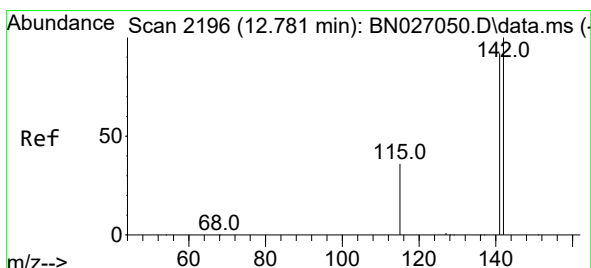
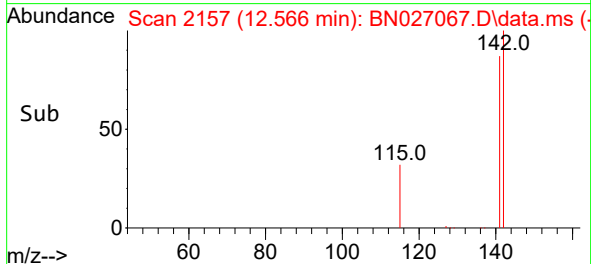
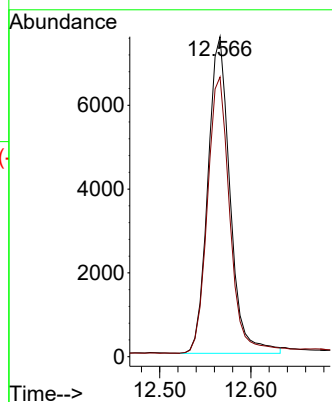
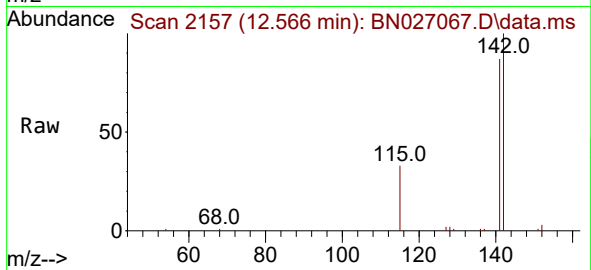




#7
2-Methylnaphthalene
Concen: 0.258 ng/ul
RT: 12.566 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

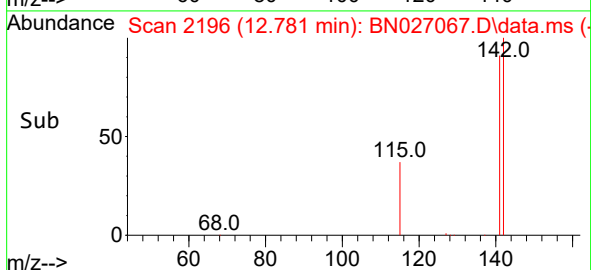
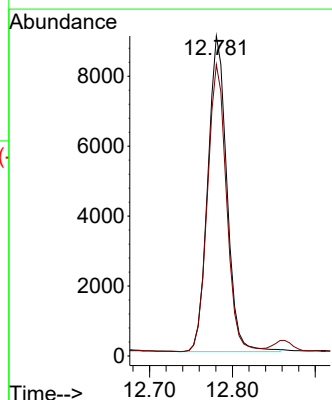
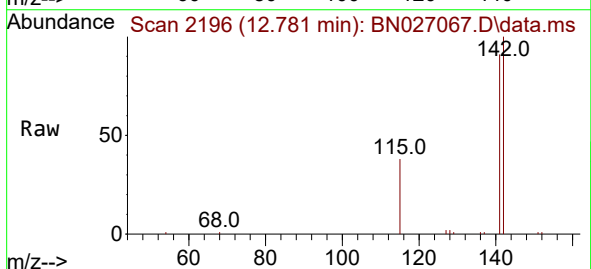
Instrument :
BNA_P
ClientSampleId :

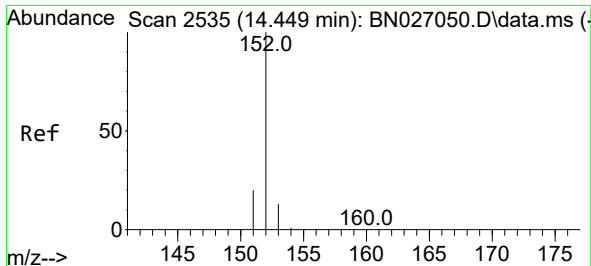
Tgt Ion:142 Resp: 12778
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.279 ng/ul
RT: 12.781 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

Tgt Ion:142 Resp: 14431
Ion Ratio Lower Upper
142 100
141 90.7 73.2 109.8

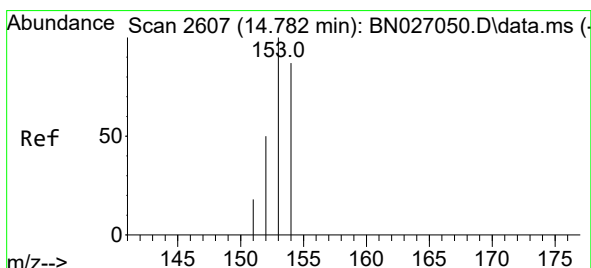
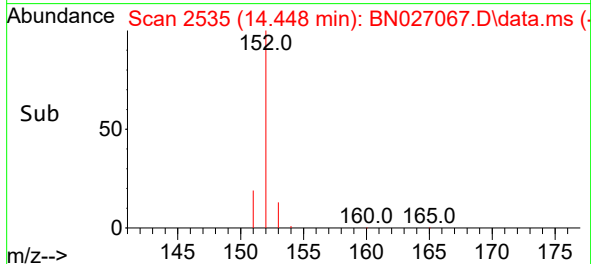
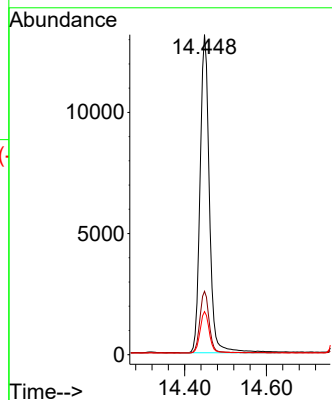
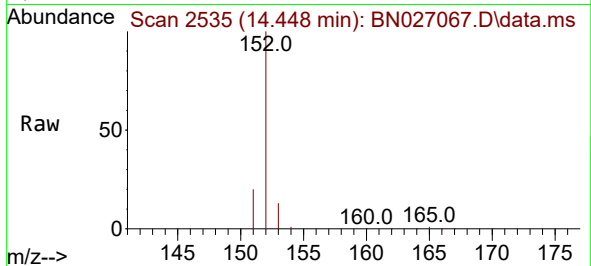




#10
Acenaphthylene
Concen: 0.182 ng/ul
RT: 14.448 min Scan# 2535
Delta R.T. -0.005 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

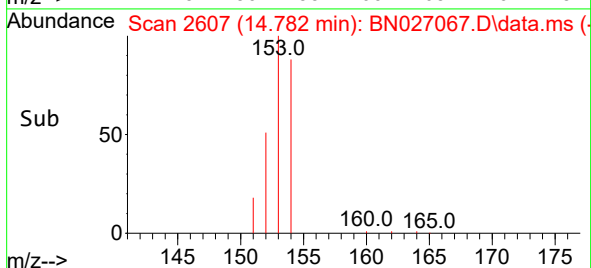
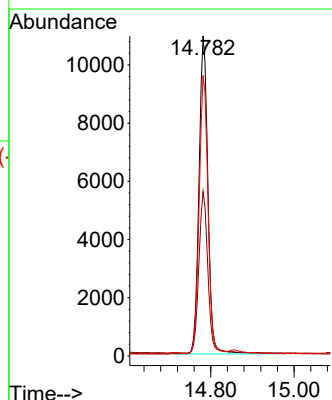
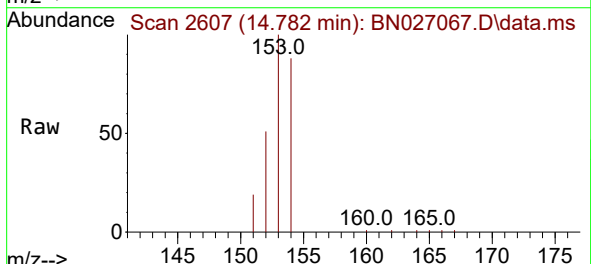
Instrument :
BNA_P
ClientSampleId :

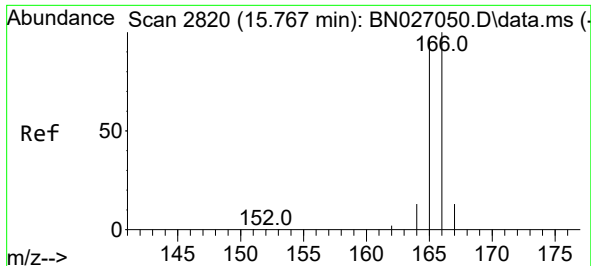
Tgt Ion:152 Resp: 20720
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.5 11.0 16.6



#11
Acenaphthene
Concen: 0.207 ng/ul
RT: 14.782 min Scan# 2607
Delta R.T. -0.005 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

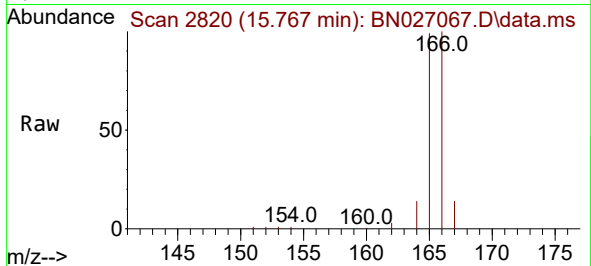
Tgt Ion:153 Resp: 16305
Ion Ratio Lower Upper
153 100
152 51.4 41.1 61.7
154 87.7 71.6 107.4



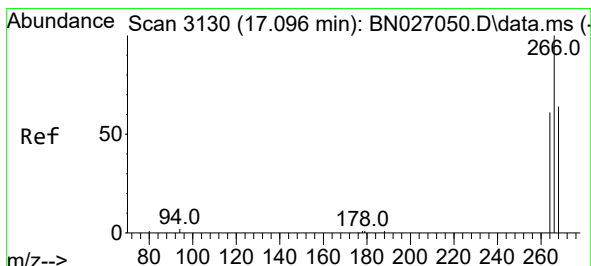
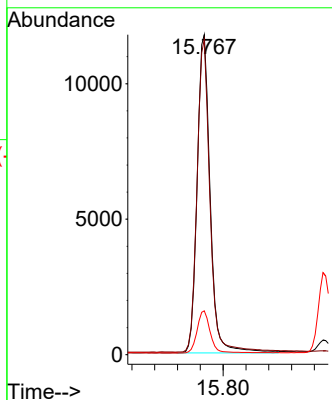
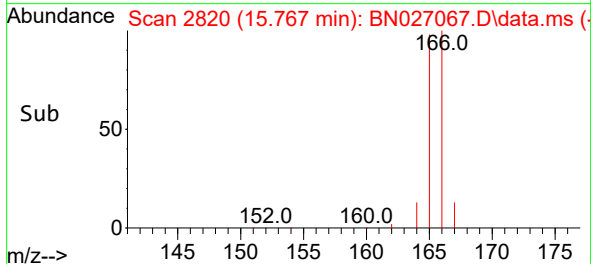


#12
Fluorene
Concen: 0.208 ng/ul
RT: 15.767 min Scan# 2820
Delta R.T. -0.000 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

Instrument :
BNA_P
ClientSampleId :

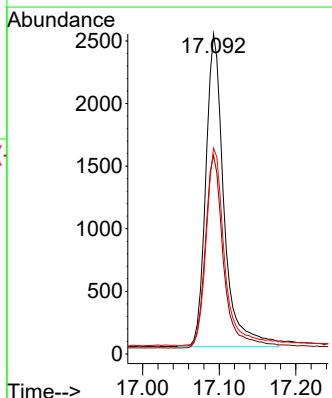
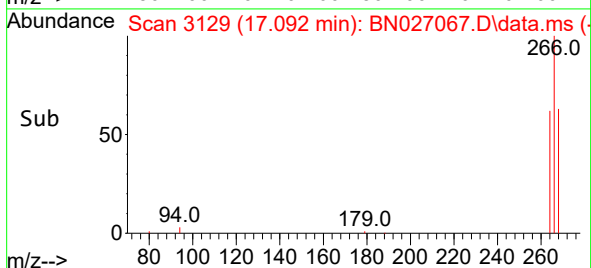
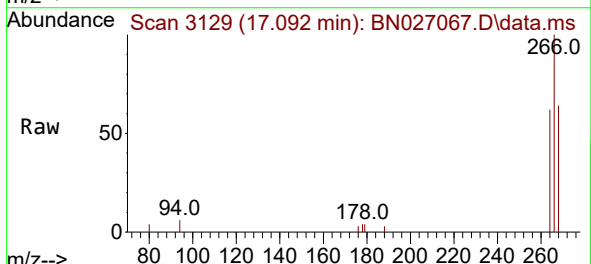


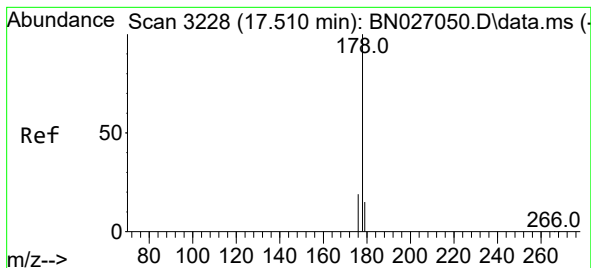
Tgt Ion:166 Resp: 18551
Ion Ratio Lower Upper
166 100
165 98.5 79.1 118.7
167 13.7 11.4 17.0



#14
Pentachlorophenol
Concen: 0.312 ng/ul
RT: 17.092 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

Tgt Ion:266 Resp: 4114
Ion Ratio Lower Upper
266 100
264 62.3 50.4 75.6
268 64.3 51.2 76.8





#15

Phenanthrene

Concen: 0.203 ng/ul

RT: 17.506 min Scan# 31

Delta R.T. -0.004 min

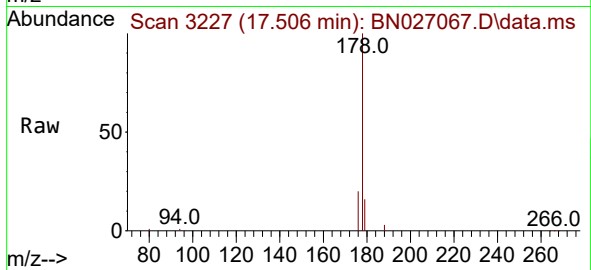
Lab File: BN027067.D

Acq: 23 Aug 2023 18:28

Instrument :

BNA_P

ClientSampleId :



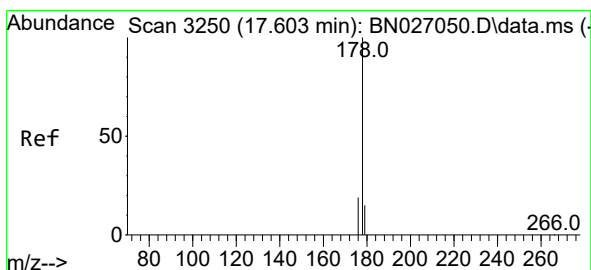
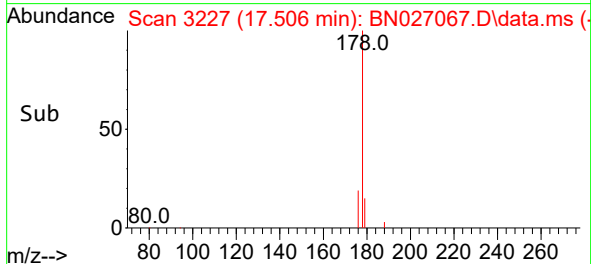
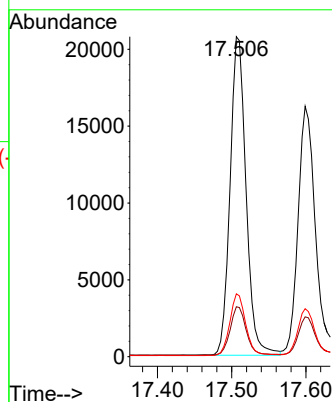
Tgt Ion:178 Resp: 31095

Ion Ratio Lower Upper

178 100

179 15.6 12.6 18.8

176 19.7 15.4 23.2



#16

Anthracene

Concen: 0.192 ng/ul

RT: 17.599 min Scan# 3249

Delta R.T. -0.004 min

Lab File: BN027067.D

Acq: 23 Aug 2023 18:28

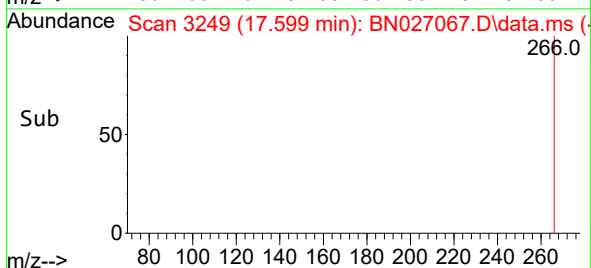
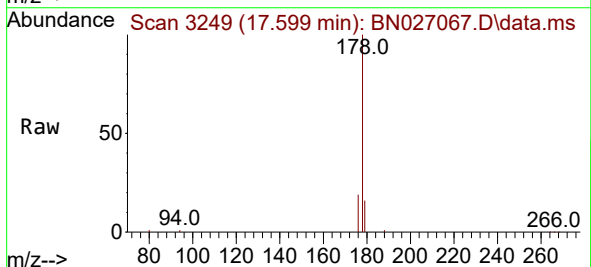
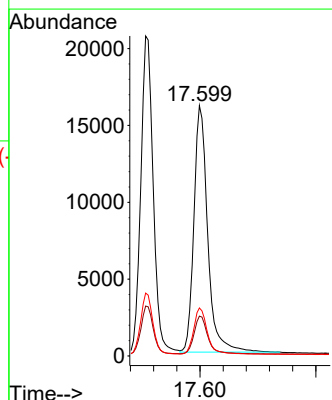
Tgt Ion:178 Resp: 26611

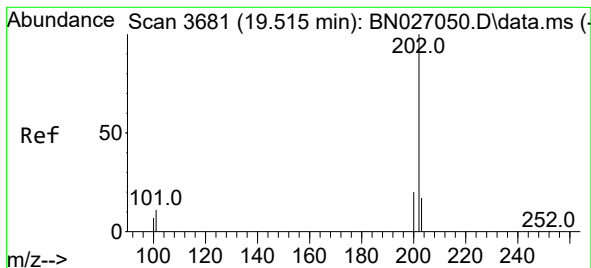
Ion Ratio Lower Upper

178 100

179 15.9 12.6 19.0

176 19.2 15.0 22.6





#19

Fluoranthene

Concen: 0.242 ng/ul

RT: 19.511 min Scan# 3681

Delta R.T. -0.005 min

Lab File: BN027067.D

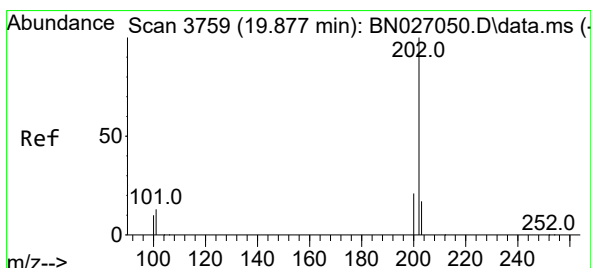
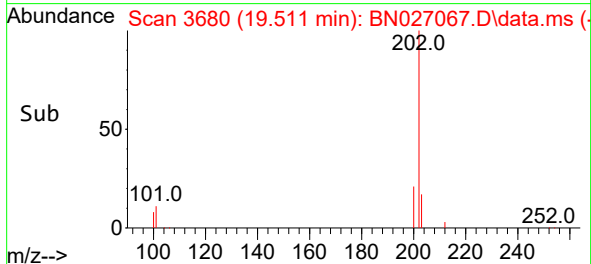
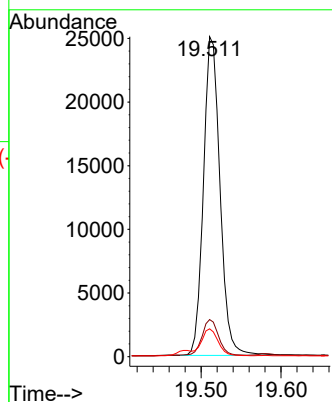
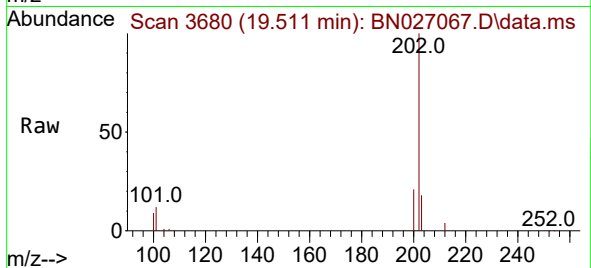
Acq: 23 Aug 2023 18:28

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:202 Resp: 36110
 Ion Ratio Lower Upper
 202 100
 101 11.6 8.3 12.5
 100 8.7 6.2 9.2



#20

Pyrene

Concen: 0.233 ng/ul

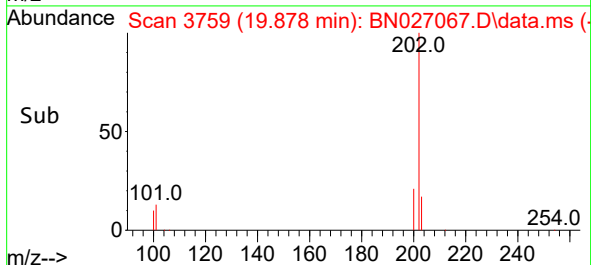
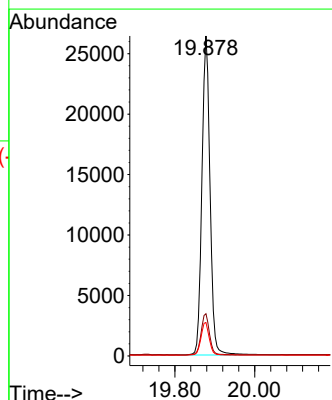
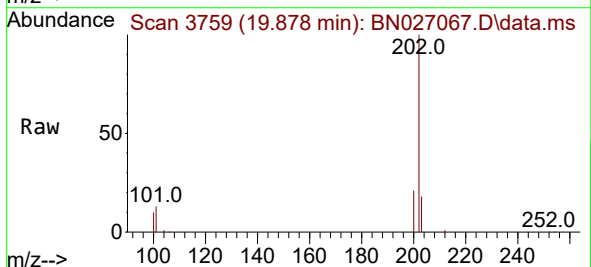
RT: 19.878 min Scan# 3759

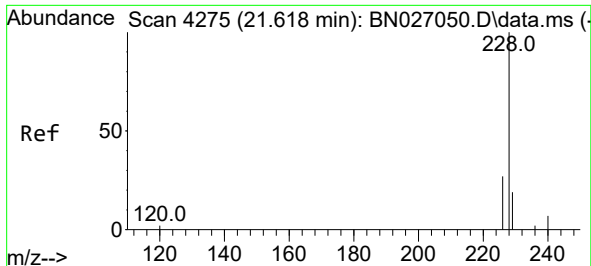
Delta R.T. -0.005 min

Lab File: BN027067.D

Acq: 23 Aug 2023 18:28

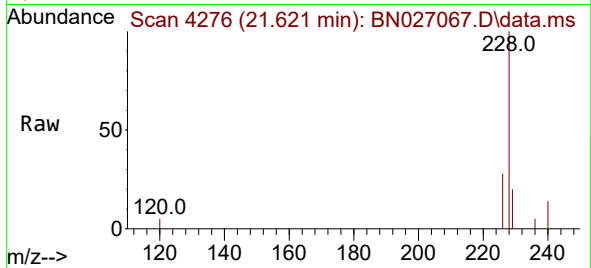
Tgt Ion:202 Resp: 37093
 Ion Ratio Lower Upper
 202 100
 101 13.2 10.7 16.1
 100 10.4 8.5 12.7



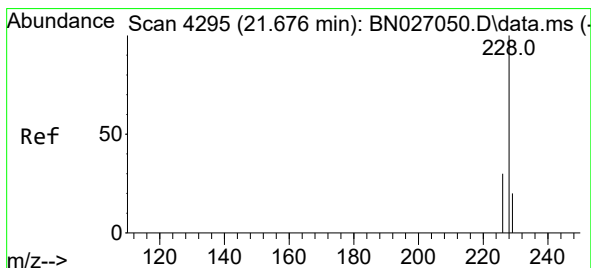
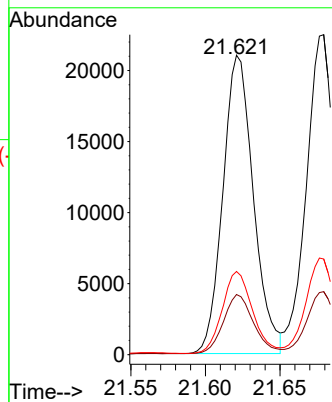
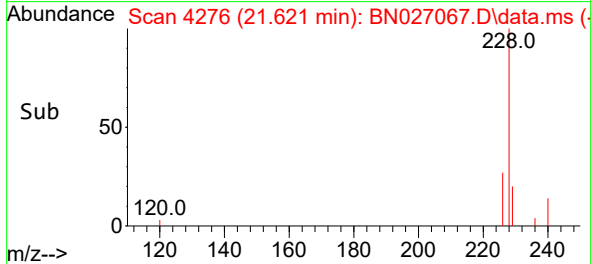


#21
Benzo(a)anthracene
Concen: 0.209 ng/ul
RT: 21.621 min Scan# 4276
Delta R.T. -0.000 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

Instrument :
BNA_P
ClientSampleId :

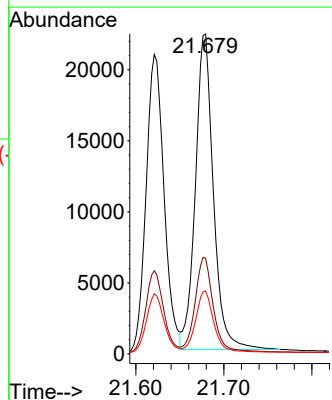
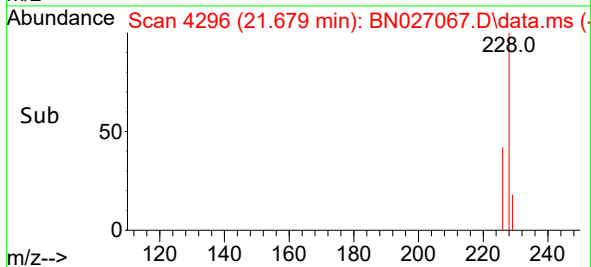
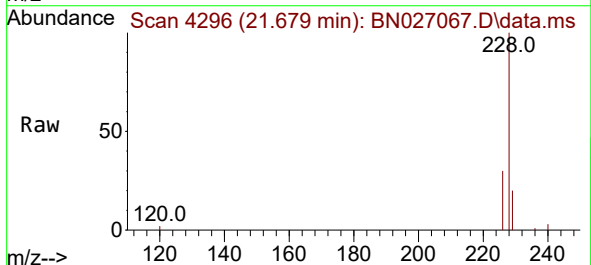


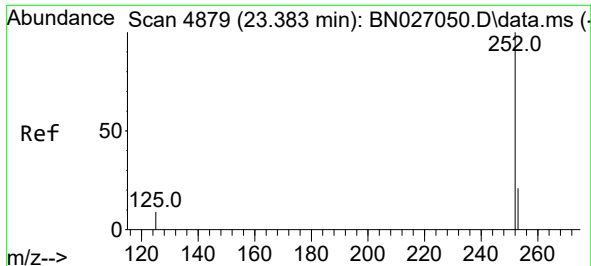
Tgt Ion:228 Resp: 29882
Ion Ratio Lower Upper
228 100
229 20.1 16.0 24.0
226 27.8 22.2 33.2



#22
Chrysene
Concen: 0.224 ng/ul
RT: 21.679 min Scan# 4296
Delta R.T. 0.003 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

Tgt Ion:228 Resp: 31678
Ion Ratio Lower Upper
228 100
226 29.9 24.6 36.8
229 19.7 15.8 23.6

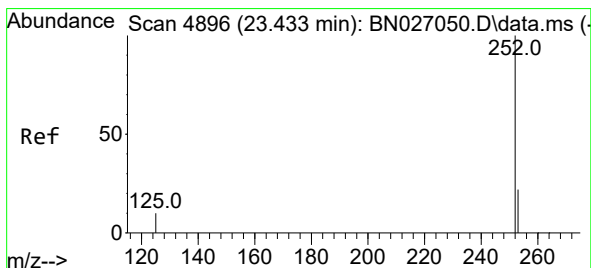
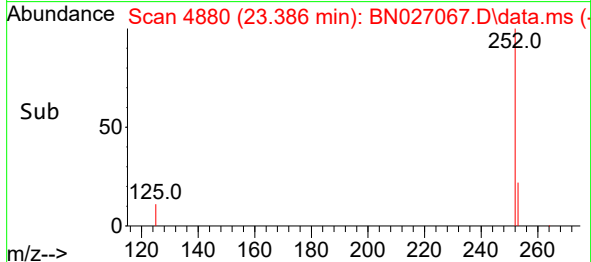
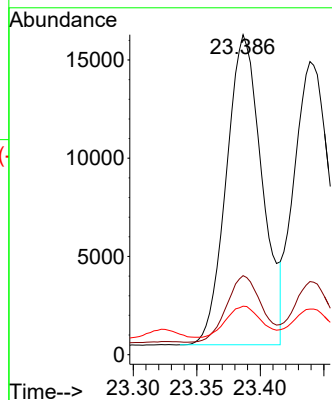
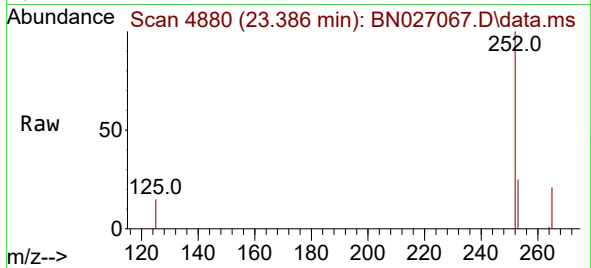




#24
Benzo(b)fluoranthene
Concen: 0.240 ng/ul
RT: 23.386 min Scan# 4880
Delta R.T. -0.000 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

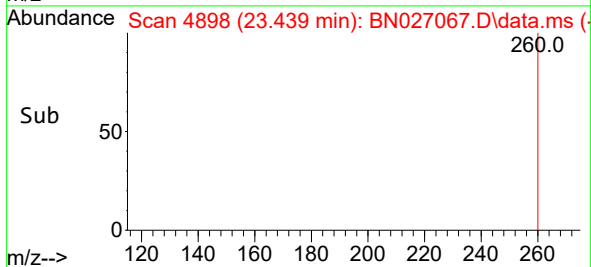
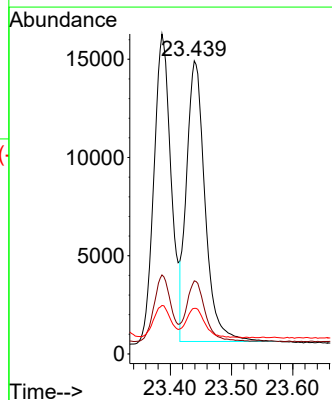
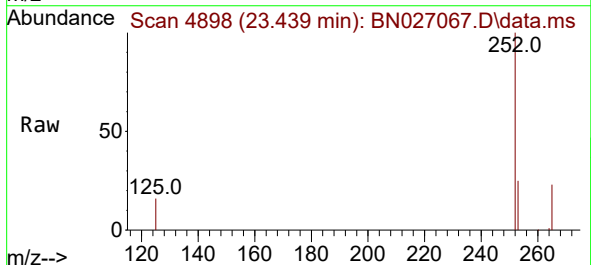
Instrument :
BNA_P
ClientSampleId :

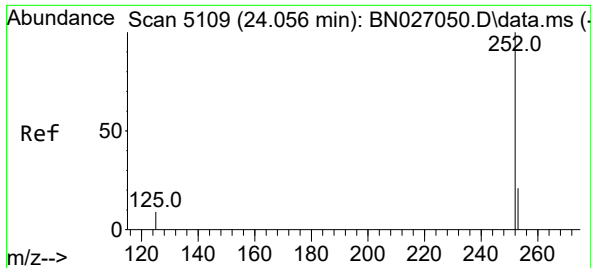
Tgt Ion:252 Resp: 30916
Ion Ratio Lower Upper
252 100
253 24.7 0.0 46.8
125 15.2 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.236 ng/ul
RT: 23.439 min Scan# 4898
Delta R.T. -0.000 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

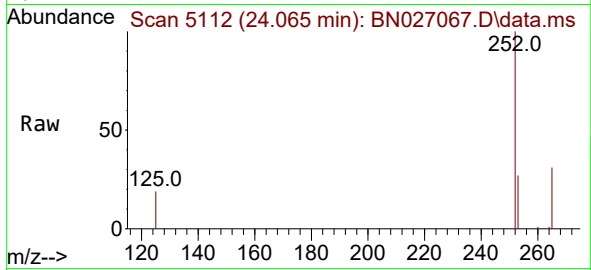
Tgt Ion:252 Resp: 30022
Ion Ratio Lower Upper
252 100
253 25.0 18.2 27.4
125 15.6 9.9 14.9#



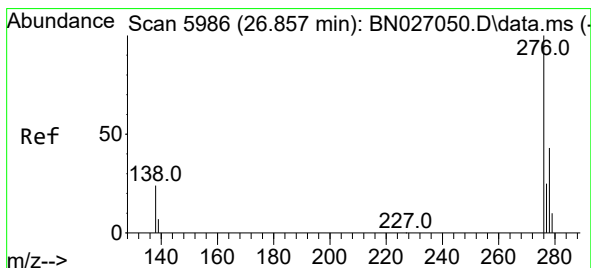
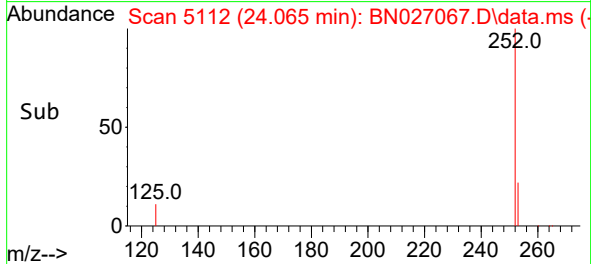
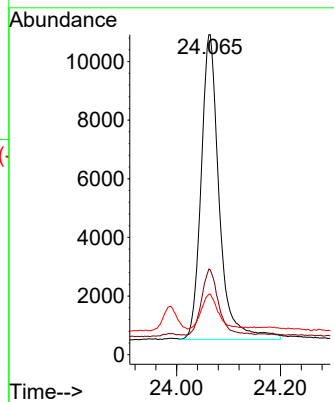


#26
Benzo(a)pyrene
Concen: 0.216 ng/ul
RT: 24.065 min Scan# 5109
Delta R.T. 0.003 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

Instrument :
BNA_P
ClientSampleId :

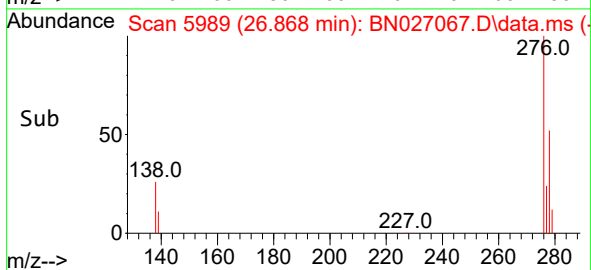
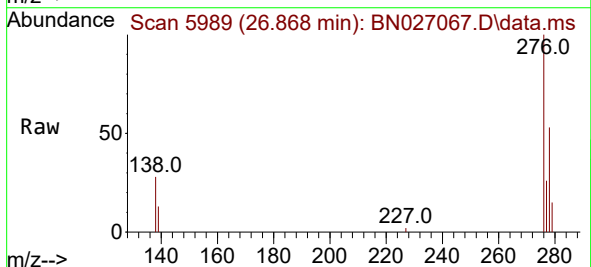
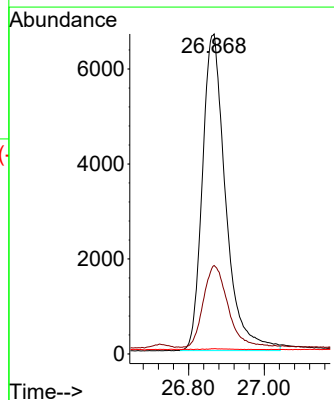


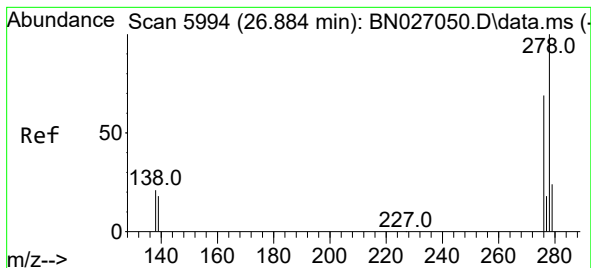
Tgt Ion:252 Resp: 25105
Ion Ratio Lower Upper
252 100
253 26.6 19.0 28.6
125 19.0 11.4 17.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.187 ng/ul
RT: 26.868 min Scan# 5989
Delta R.T. 0.013 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

Tgt Ion:276 Resp: 28427
Ion Ratio Lower Upper
276 100
138 27.4 21.6 32.4
227 0.3 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.185 ng/ul

RT: 26.888 min Scan# 5995

Delta R.T. 0.003 min

Lab File: BN027067.D

Acq: 23 Aug 2023 18:28

Instrument :

BNA_P

ClientSampleId :

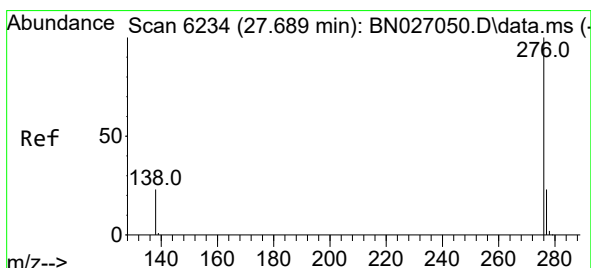
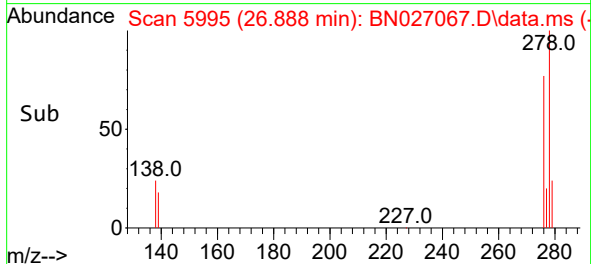
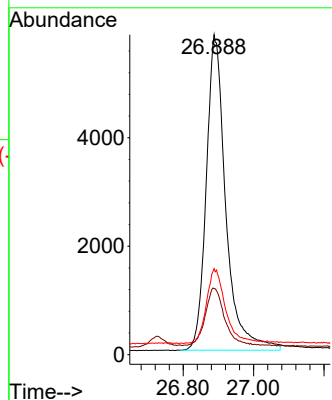
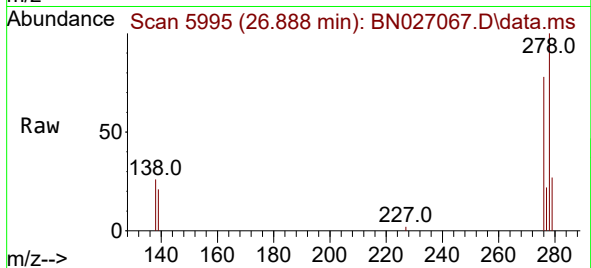
Tgt Ion:278 Resp: 22446

Ion Ratio Lower Upper

278 100

139 20.7 15.7 23.5

279 26.9 20.2 30.4



#29

Benzo(g,h,i)perylene

Concen: 0.186 ng/ul

RT: 27.703 min Scan# 6238

Delta R.T. 0.007 min

Lab File: BN027067.D

Acq: 23 Aug 2023 18:28

Tgt Ion:276 Resp: 23600

Ion Ratio Lower Upper

276 100

138 26.6 19.3 28.9

277 25.7 19.8 29.8

