

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027065.D
 Acq On : 23 Aug 2023 17:14
 Operator : MA/JU
 Sample : PB154935BS
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 24 01:38:53 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

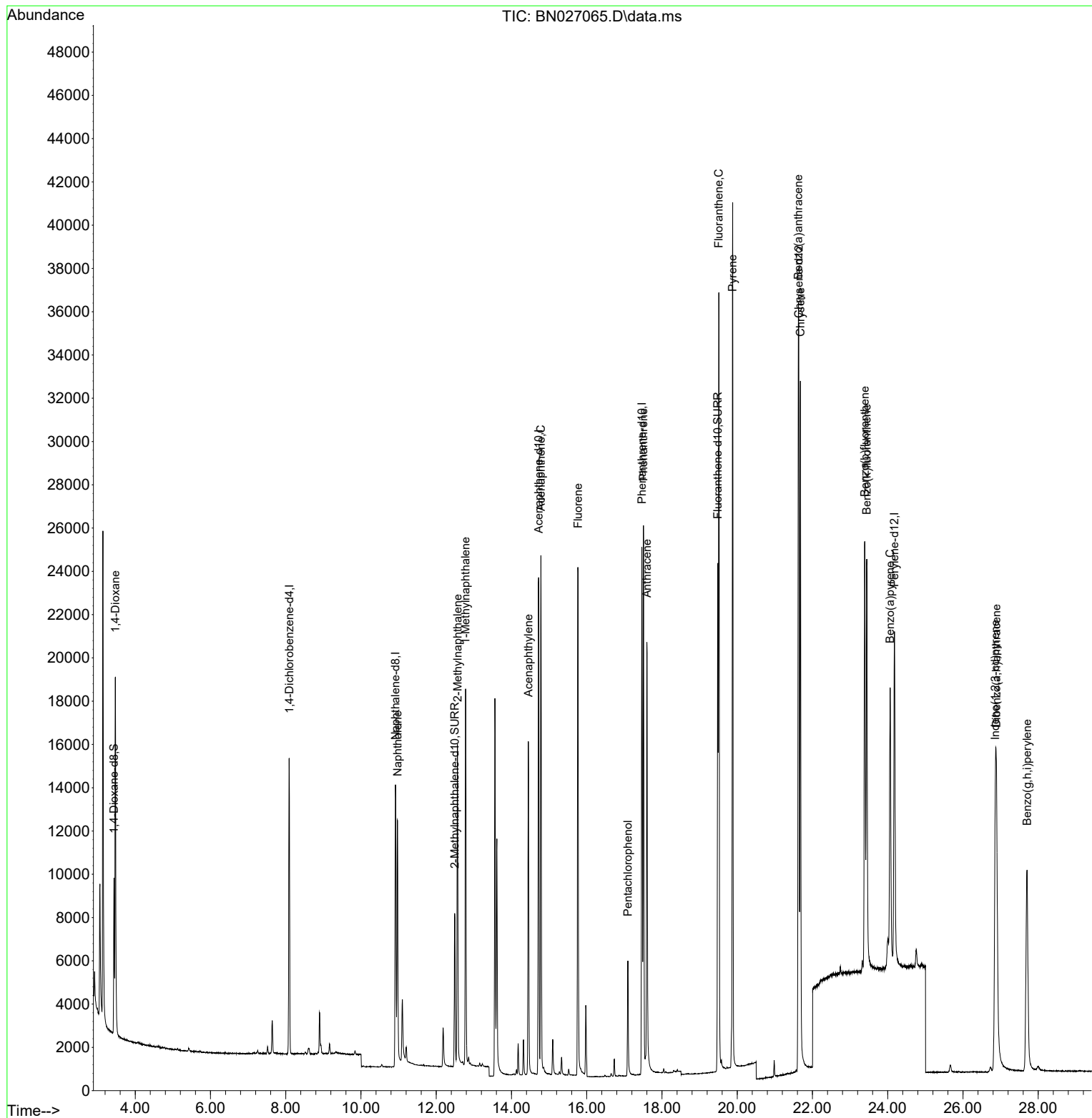
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	7130	0.400	ng/ul	0.00
4) Naphthalene-d8	10.916	136	20229	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.722	164	13194	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.468	188	30585	0.400	ng/ul	0.00
17) Chrysene-d12	21.639	240	25079	0.400	ng/ul	0.00
23) Perylene-d12	24.179	264	23840	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	4895	0.578	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.489	152	9694	0.326	ng/ul	0.00
18) Fluoranthene-d10	19.483	212	25293	0.319	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.473	88	12388	1.434	ng/ul	95
5) Naphthalene	10.971	128	16604	0.290	ng/ul	100
7) 2-Methylnaphthalene	12.566	142	11312	0.327	ng/ul	100
8) 1-Methylnaphthalene	12.781	142	12150	0.335	ng/ul	99
10) Acenaphthylene	14.449	152	18330	0.248	ng/ul	99
11) Acenaphthene	14.782	153	14237	0.278	ng/ul	99
12) Fluorene	15.767	166	16241	0.281	ng/ul	97
14) Pentachlorophenol	17.093	266	3855	0.446	ng/ul	99
15) Phenanthrene	17.506	178	27443	0.273	ng/ul	99
16) Anthracene	17.599	178	23578	0.260	ng/ul	99
19) Fluoranthene	19.511	202	32441	0.311	ng/ul	96
20) Pyrene	19.878	202	33669	0.303	ng/ul	99
21) Benzo(a)anthracene	21.624	228	28252	0.283	ng/ul	99
22) Chrysene	21.679	228	29724	0.302	ng/ul	99
24) Benzo(b)fluoranthene	23.389	252	29212	0.324	ng/ul	95
25) Benzo(k)fluoranthene	23.442	252	29181	0.328	ng/ul#	95
26) Benzo(a)pyrene	24.065	252	23949	0.294	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.858	276	28217	0.265	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.891	278	22114	0.261	ng/ul	98
29) Benzo(g,h,i)perylene	27.703	276	23699	0.267	ng/ul	98

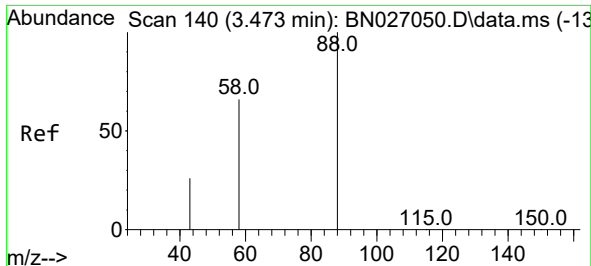
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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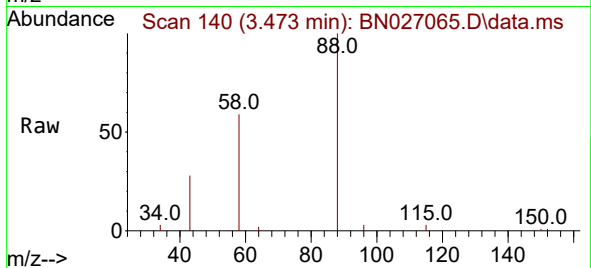
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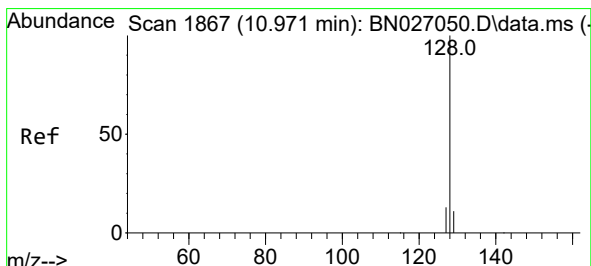
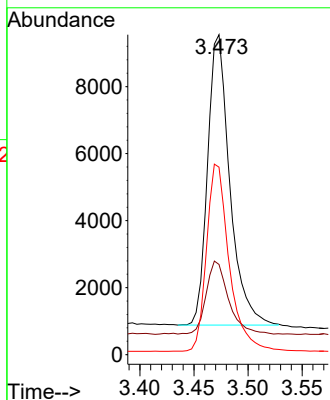
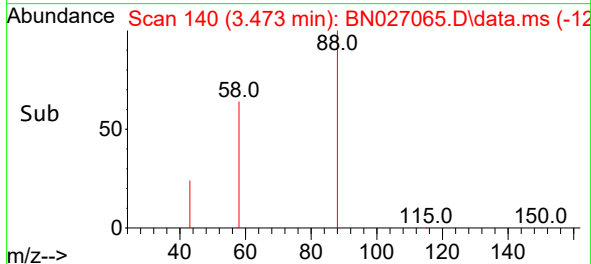


#2
1,4-Dioxane
Concen: 1.434 ng/ul
RT: 3.473 min Scan# 14
Delta R.T. -0.004 min
Lab File: BN027065.D
Acq: 23 Aug 2023 17:14

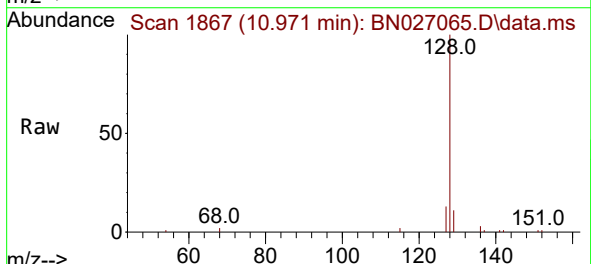
Instrument :
BNA_P
ClientSampleId :



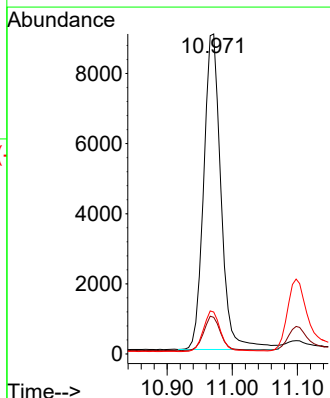
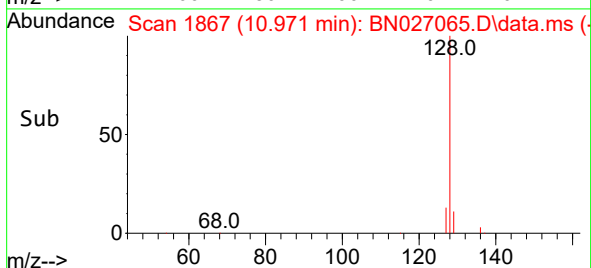
Tgt Ion: 88 Resp: 12388
Ion Ratio Lower Upper
88 100
43 28.2 28.0 42.0
58 58.6 46.0 69.0

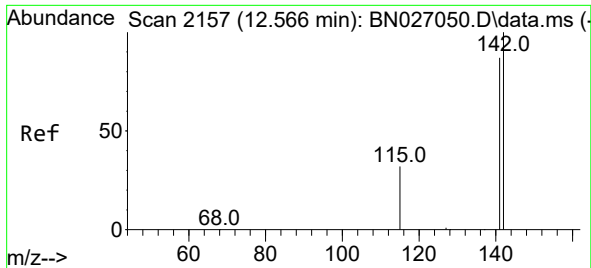


#5
Naphthalene
Concen: 0.290 ng/ul
RT: 10.971 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BN027065.D
Acq: 23 Aug 2023 17:14



Tgt Ion: 128 Resp: 16604
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.1 10.5 15.7

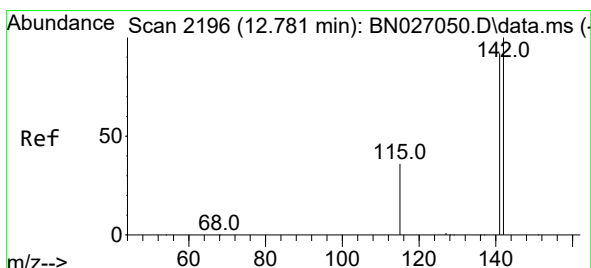
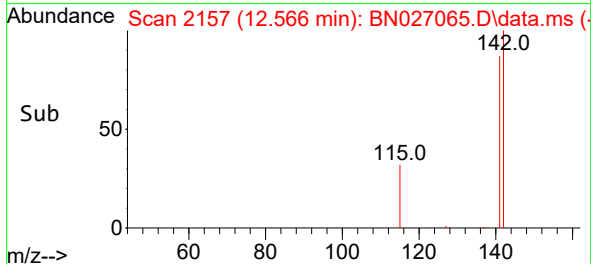
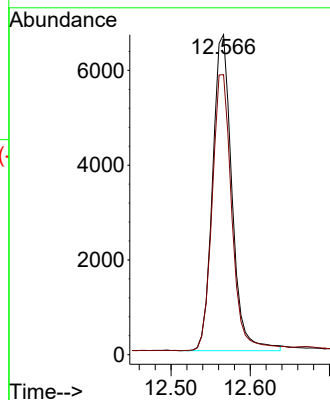
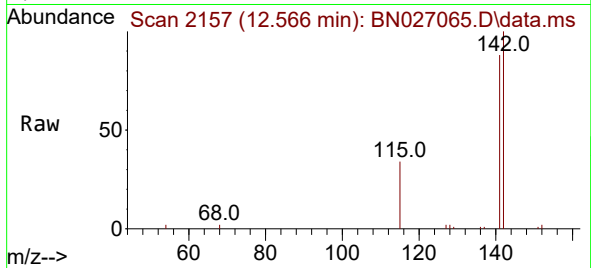




#7
2-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.566 min Scan# 2157
Delta R.T. 0.000 min
Lab File: BN027065.D
Acq: 23 Aug 2023 17:14

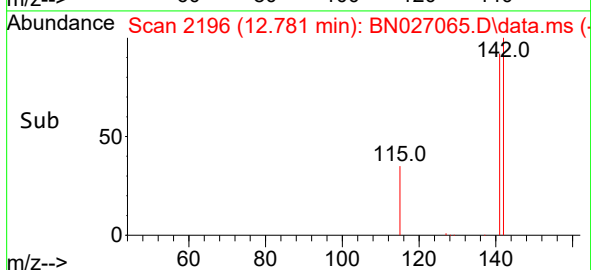
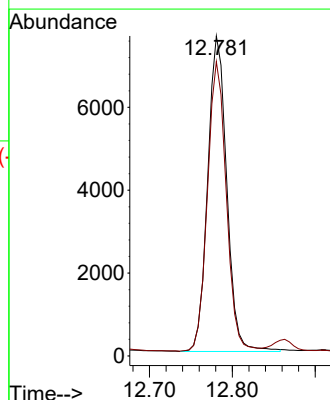
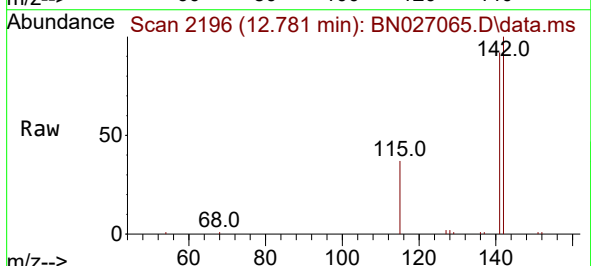
Instrument :
BNA_P
ClientSampleId :

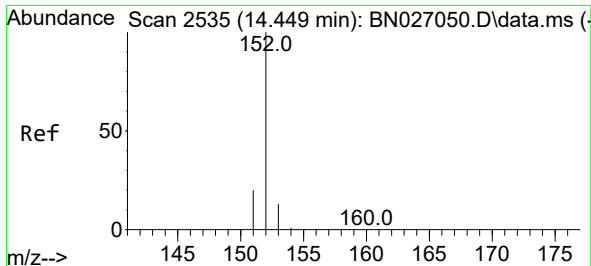
Tgt Ion:142 Resp: 11312
Ion Ratio Lower Upper
142 100
141 88.8 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.781 min Scan# 2196
Delta R.T. -0.005 min
Lab File: BN027065.D
Acq: 23 Aug 2023 17:14

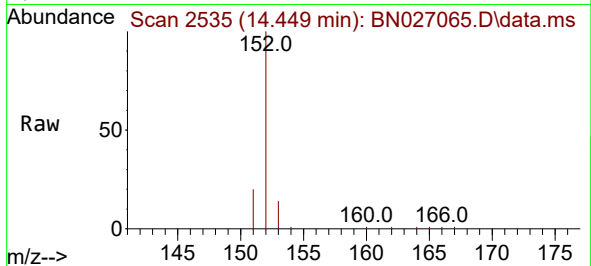
Tgt Ion:142 Resp: 12150
Ion Ratio Lower Upper
142 100
141 90.7 73.2 109.8



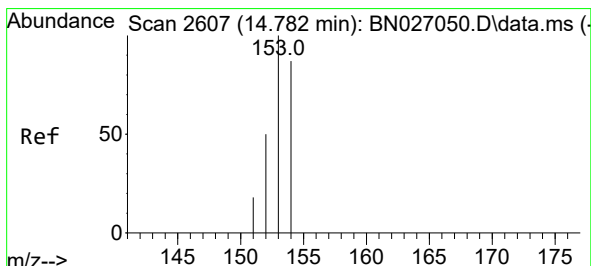
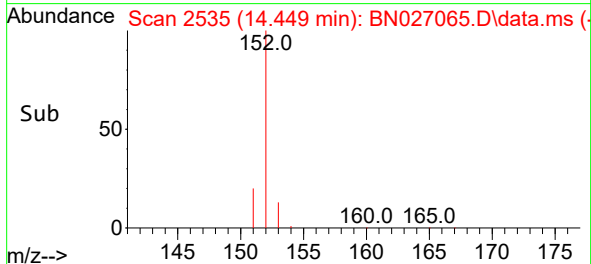
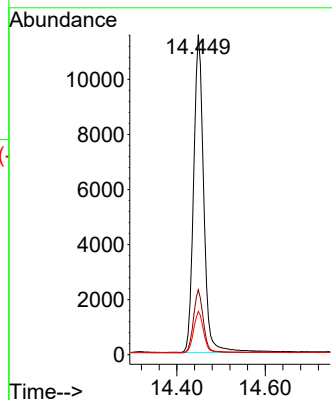


#10
Acenaphthylene
Concen: 0.248 ng/ul
RT: 14.449 min Scan# 2535
Delta R.T. -0.005 min
Lab File: BN027065.D
Acq: 23 Aug 2023 17:14

Instrument :
BNA_P
ClientSampleId :

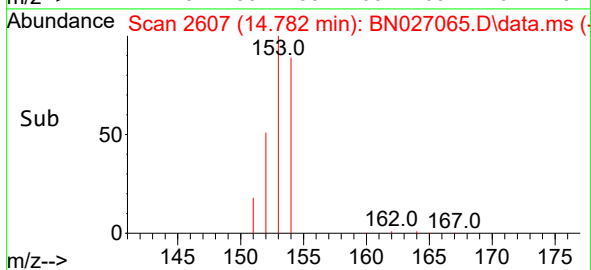
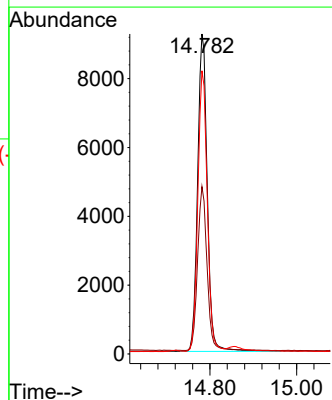
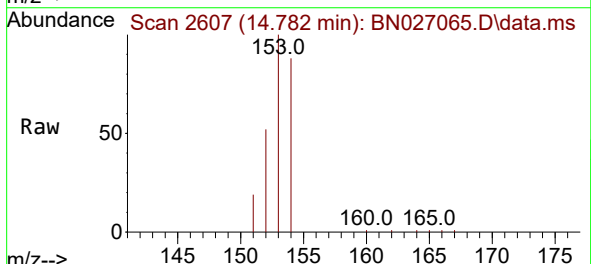


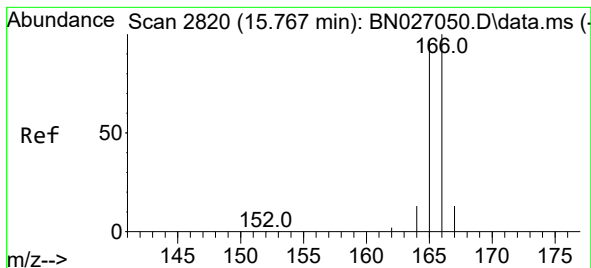
Tgt Ion:152 Resp: 18330
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.5 11.0 16.6



#11
Acenaphthene
Concen: 0.278 ng/ul
RT: 14.782 min Scan# 2607
Delta R.T. -0.005 min
Lab File: BN027065.D
Acq: 23 Aug 2023 17:14

Tgt Ion:153 Resp: 14237
Ion Ratio Lower Upper
153 100
152 52.3 41.1 61.7
154 88.5 71.6 107.4





#12

Fluorene

Concen: 0.281 ng/ul

RT: 15.767 min Scan# 21

Delta R.T. 0.000 min

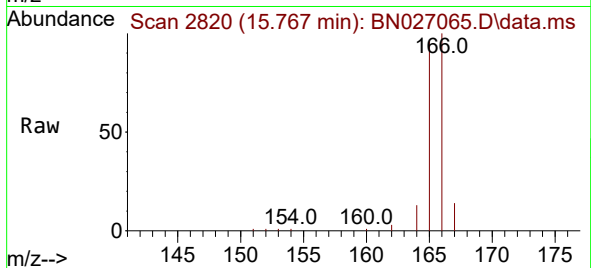
Lab File: BN027065.D

Acq: 23 Aug 2023 17:14

Instrument :

BNA_P

ClientSampleId :



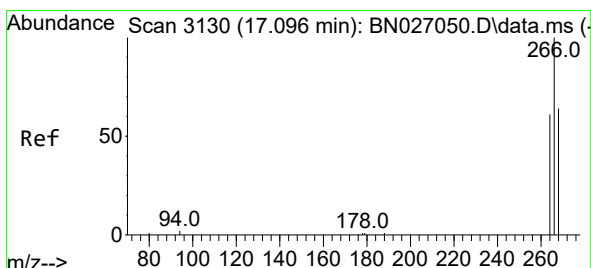
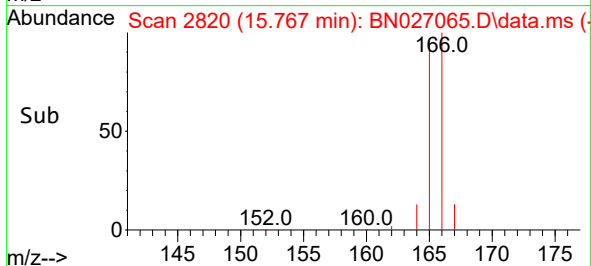
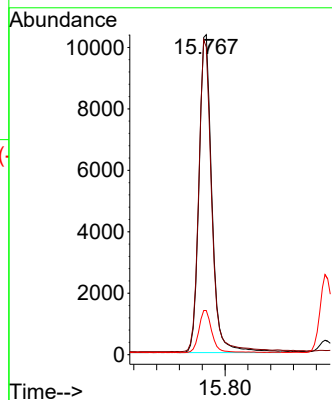
Tgt Ion:166 Resp: 16241

Ion Ratio Lower Upper

166 100

165 96.1 79.1 118.7

167 13.8 11.4 17.0



#14

Pentachlorophenol

Concen: 0.446 ng/ul

RT: 17.093 min Scan# 3129

Delta R.T. -0.004 min

Lab File: BN027065.D

Acq: 23 Aug 2023 17:14

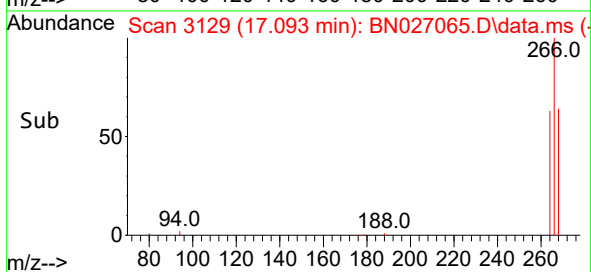
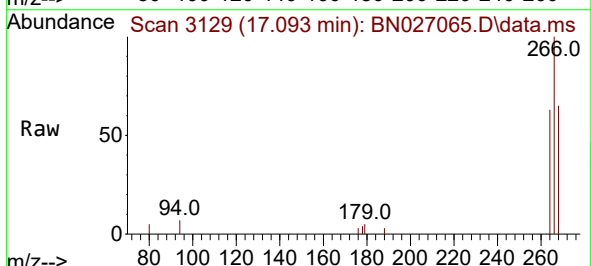
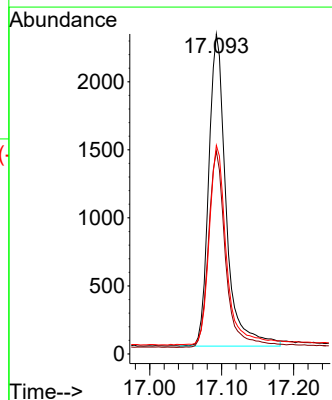
Tgt Ion:266 Resp: 3855

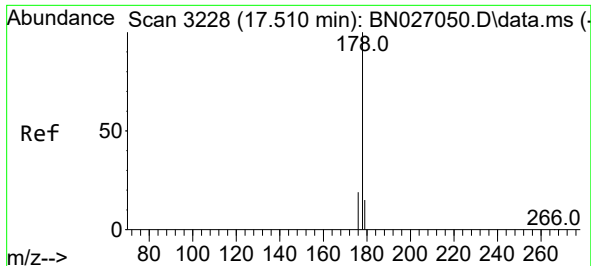
Ion Ratio Lower Upper

266 100

264 62.2 50.4 75.6

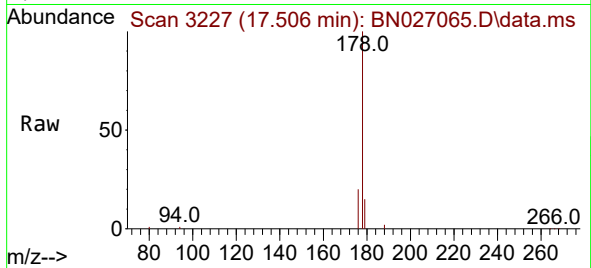
268 63.5 51.2 76.8



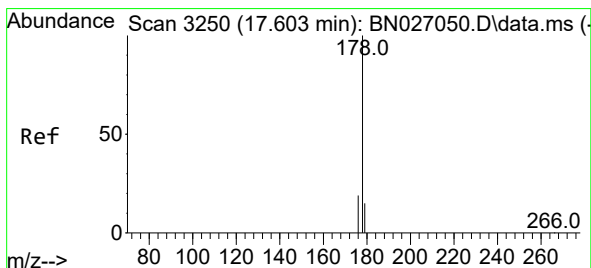
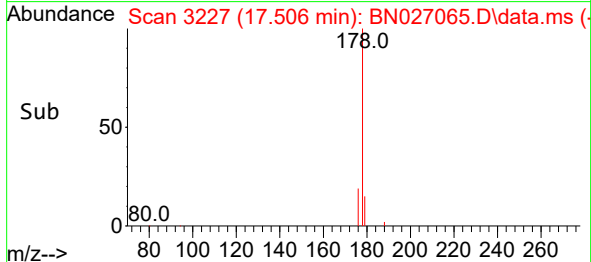
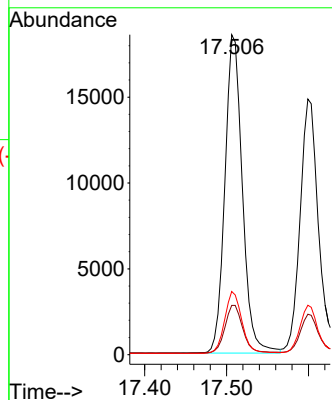


#15
Phenanthrene
Concen: 0.273 ng/ul
RT: 17.506 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027065.D
Acq: 23 Aug 2023 17:14

Instrument :
BNA_P
ClientSampleId :

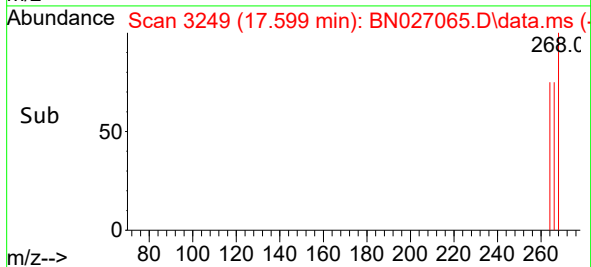
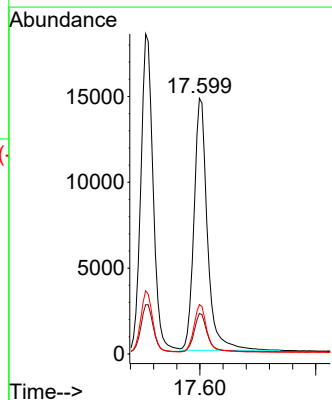
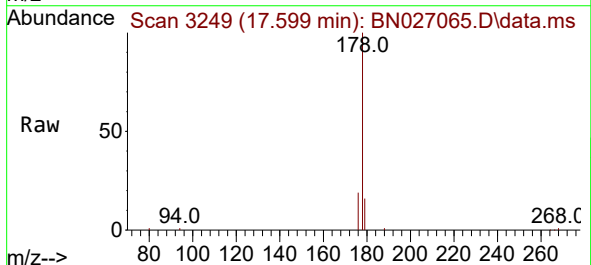


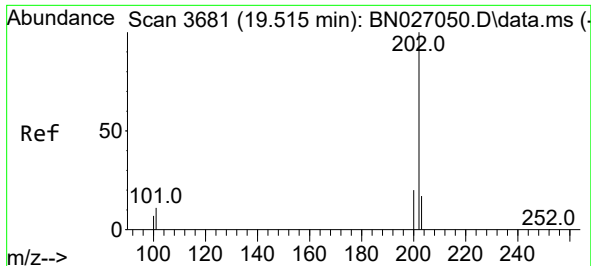
Tgt Ion:178 Resp: 27443
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.7 15.4 23.2



#16
Anthracene
Concen: 0.260 ng/ul
RT: 17.599 min Scan# 3249
Delta R.T. -0.004 min
Lab File: BN027065.D
Acq: 23 Aug 2023 17:14

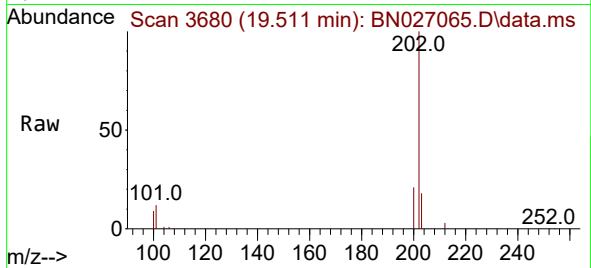
Tgt Ion:178 Resp: 23578
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.3 15.0 22.6



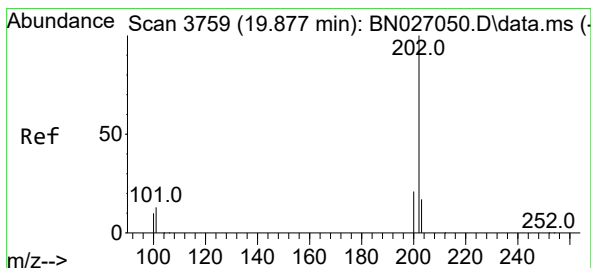
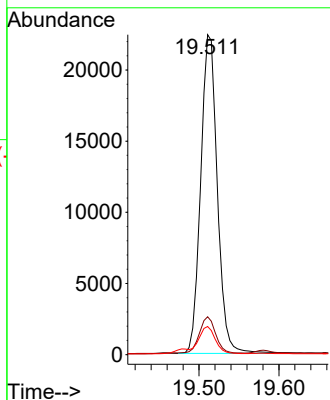
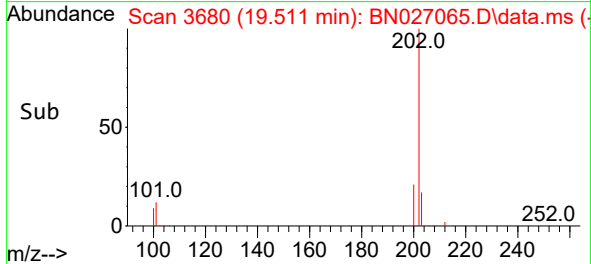


#19
Fluoranthene
Concen: 0.311 ng/ul
RT: 19.511 min Scan# 3681
Delta R.T. -0.005 min
Lab File: BN027065.D
Acq: 23 Aug 2023 17:14

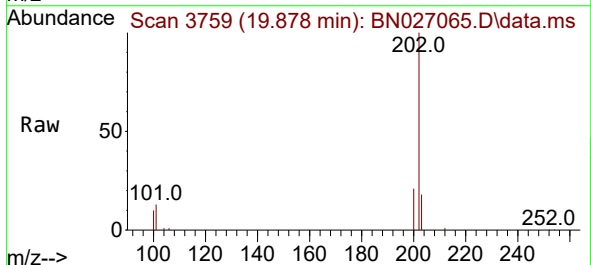
Instrument :
BNA_P
ClientSampleId :



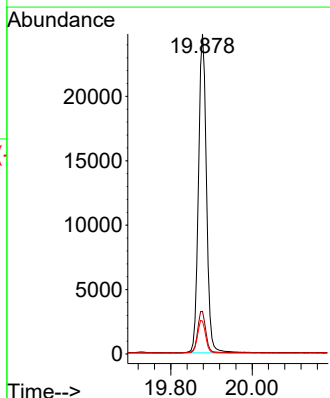
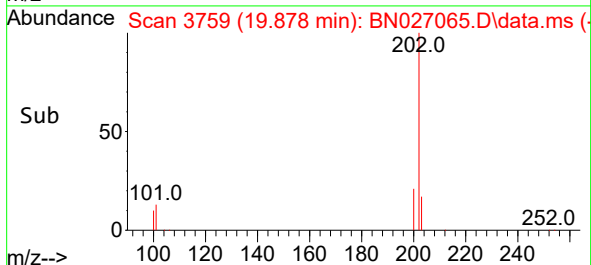
Tgt Ion:202 Resp: 32441
Ion Ratio Lower Upper
202 100
101 11.9 8.3 12.5
100 8.8 6.2 9.2

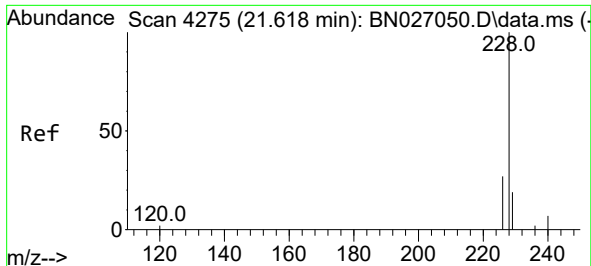


#20
Pyrene
Concen: 0.303 ng/ul
RT: 19.878 min Scan# 3759
Delta R.T. -0.005 min
Lab File: BN027065.D
Acq: 23 Aug 2023 17:14



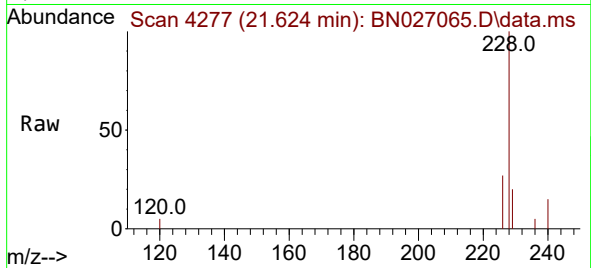
Tgt Ion:202 Resp: 33669
Ion Ratio Lower Upper
202 100
101 13.3 10.7 16.1
100 10.3 8.5 12.7



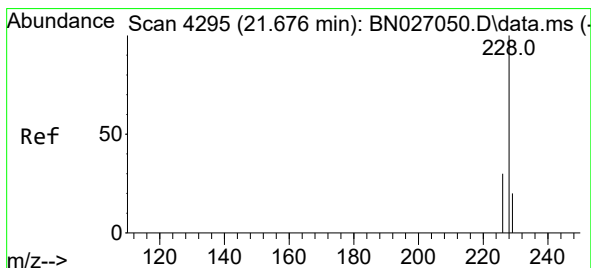
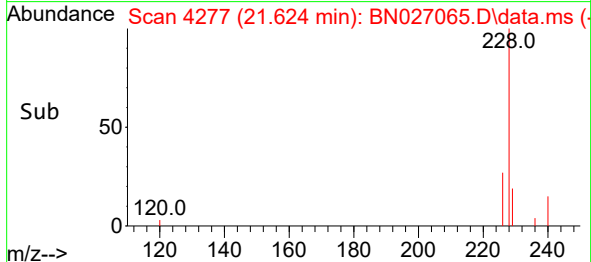
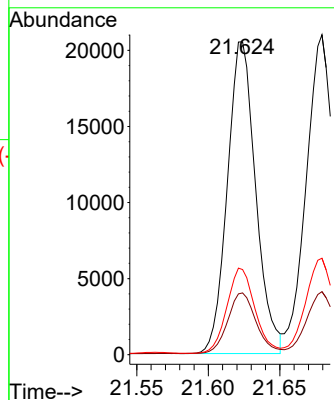


#21
Benzo(a)anthracene
Concen: 0.283 ng/ul
RT: 21.624 min Scan# 4277
Delta R.T. 0.003 min
Lab File: BN027065.D
Acq: 23 Aug 2023 17:14

Instrument :
BNA_P
ClientSampleId :

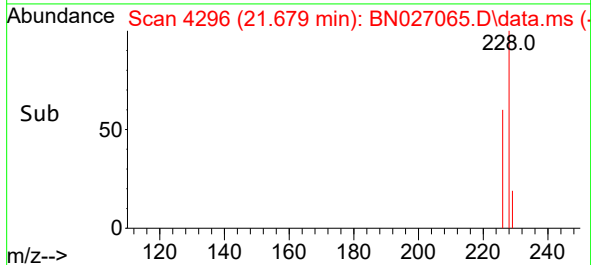
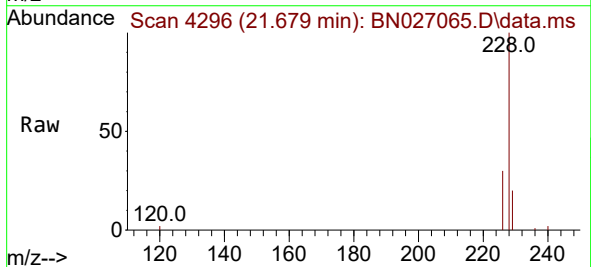
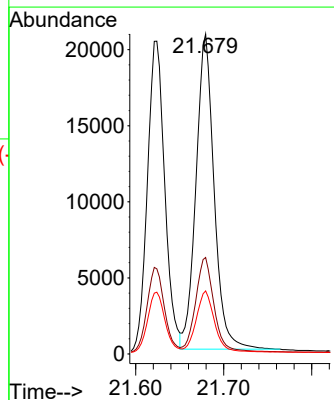


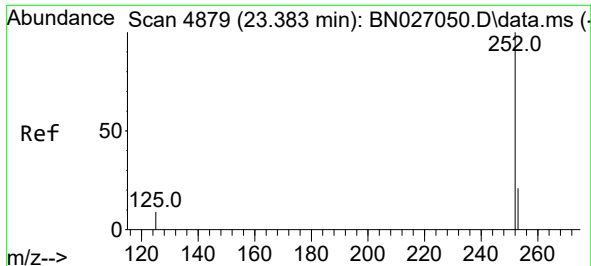
Tgt Ion:228 Resp: 28252
Ion Ratio Lower Upper
228 100
229 19.7 16.0 24.0
226 27.2 22.2 33.2



#22
Chrysene
Concen: 0.302 ng/ul
RT: 21.679 min Scan# 4296
Delta R.T. 0.003 min
Lab File: BN027065.D
Acq: 23 Aug 2023 17:14

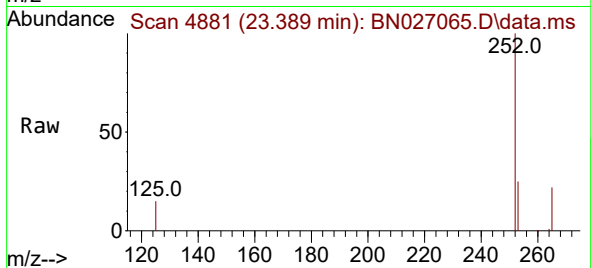
Tgt Ion:228 Resp: 29724
Ion Ratio Lower Upper
228 100
226 30.2 24.6 36.8
229 19.7 15.8 23.6



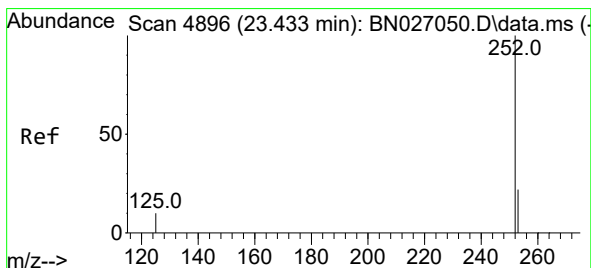
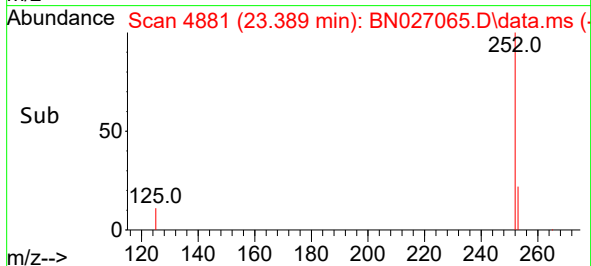
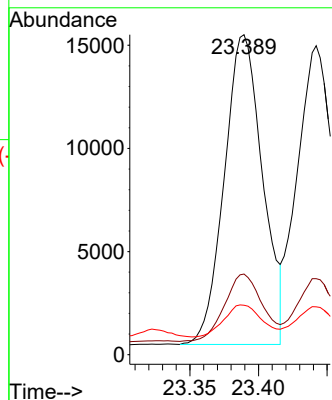


#24
Benzo(b)fluoranthene
Concen: 0.324 ng/ul
RT: 23.389 min Scan# 4881
Delta R.T. 0.003 min
Lab File: BN027065.D
Acq: 23 Aug 2023 17:14

Instrument :
BNA_P
ClientSampleId :

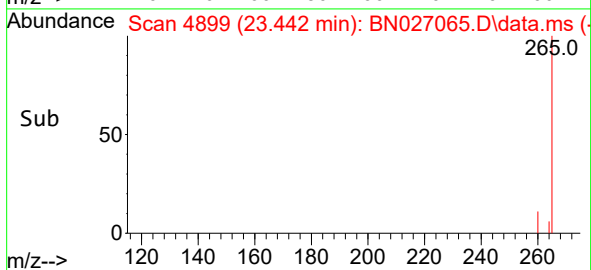
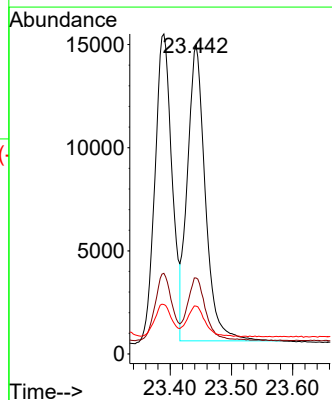
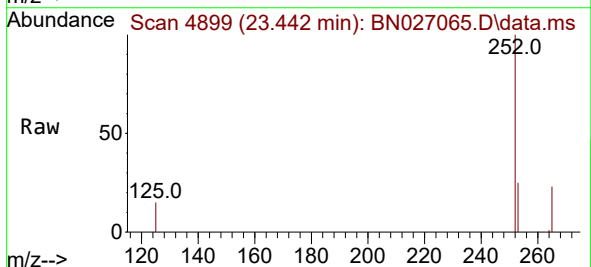


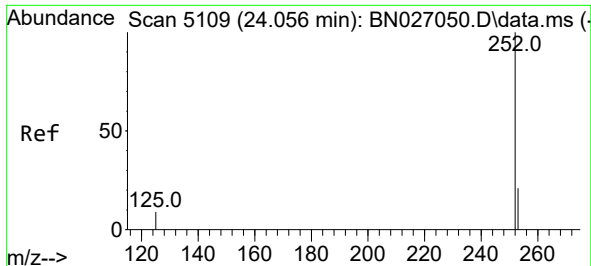
Tgt Ion:252 Resp: 29212
Ion Ratio Lower Upper
252 100
253 25.2 0.0 46.8
125 15.5 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.328 ng/ul
RT: 23.442 min Scan# 4899
Delta R.T. 0.003 min
Lab File: BN027065.D
Acq: 23 Aug 2023 17:14

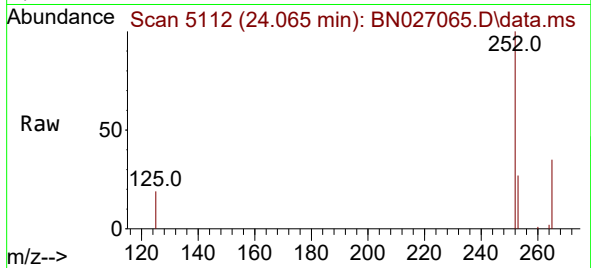
Tgt Ion:252 Resp: 29181
Ion Ratio Lower Upper
252 100
253 24.6 18.2 27.4
125 15.5 9.9 14.9#



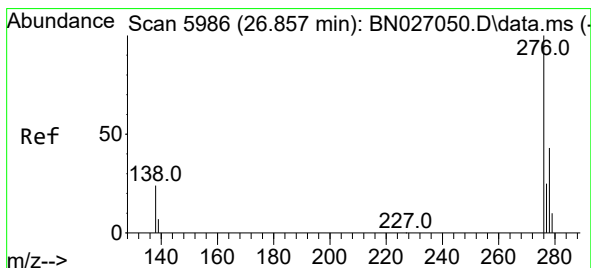
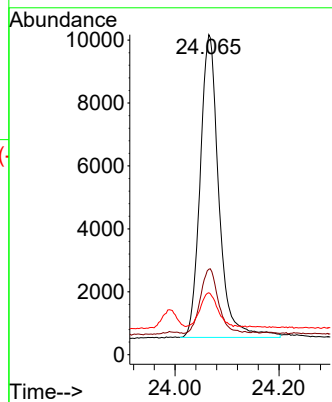
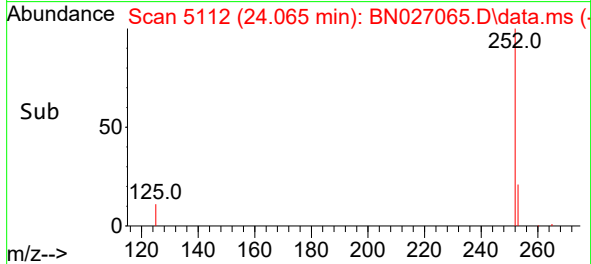


#26
Benzo(a)pyrene
Concen: 0.294 ng/ul
RT: 24.065 min Scan# 5109
Delta R.T. 0.003 min
Lab File: BN027065.D
Acq: 23 Aug 2023 17:14

Instrument :
BNA_P
ClientSampleId :

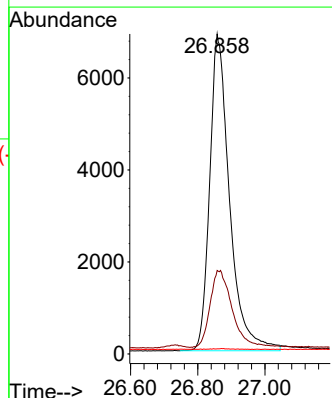
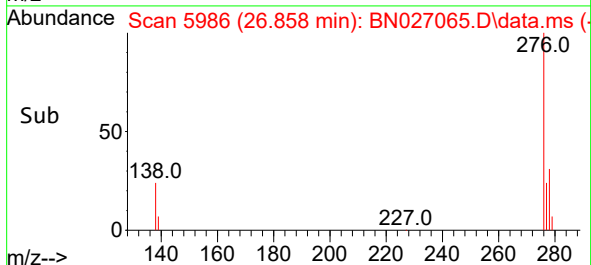
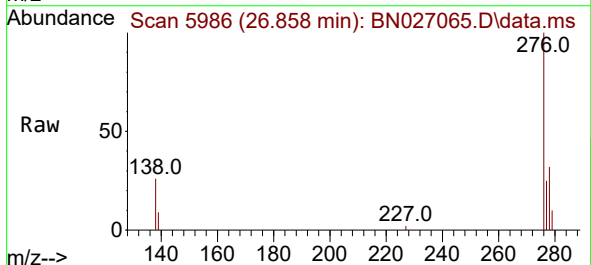


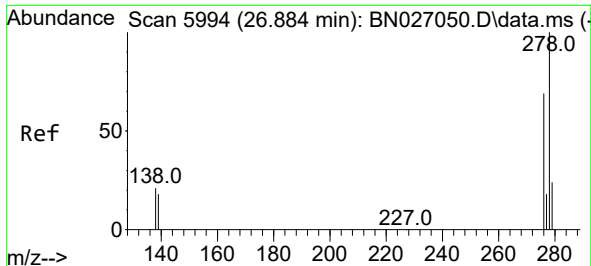
Tgt Ion:252 Resp: 23949
Ion Ratio Lower Upper
252 100
253 26.7 19.0 28.6
125 19.4 11.4 17.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.265 ng/ul
RT: 26.858 min Scan# 5986
Delta R.T. 0.003 min
Lab File: BN027065.D
Acq: 23 Aug 2023 17:14

Tgt Ion:276 Resp: 28217
Ion Ratio Lower Upper
276 100
138 27.2 21.6 32.4
227 0.1 0.0 0.0#

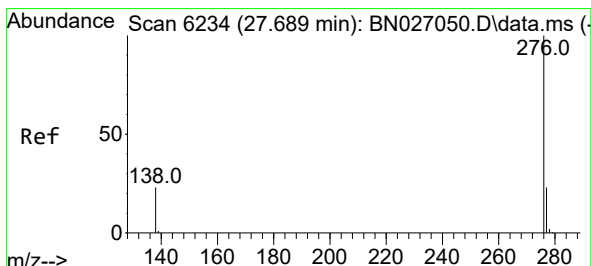
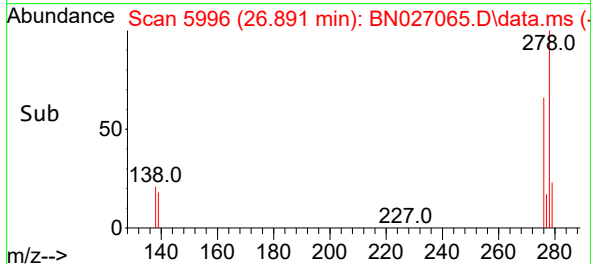
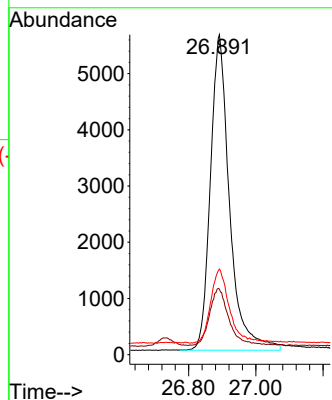
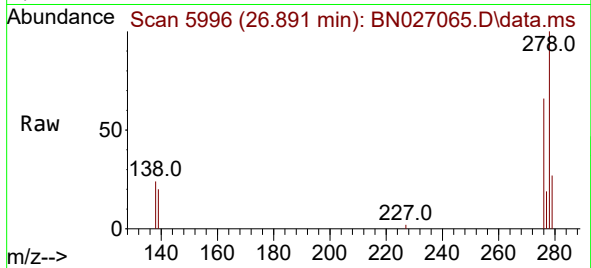




#28
 Dibenzo(a,h)anthracene
 Concen: 0.261 ng/ul
 RT: 26.891 min Scan# 5996
 Delta R.T. 0.007 min
 Lab File: BN027065.D
 Acq: 23 Aug 2023 17:14

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:278 Resp: 22114
 Ion Ratio Lower Upper
 278 100
 139 20.5 15.7 23.5
 279 26.7 20.2 30.4



#29
 Benzo(g,h,i)perylene
 Concen: 0.267 ng/ul
 RT: 27.703 min Scan# 6238
 Delta R.T. 0.007 min
 Lab File: BN027065.D
 Acq: 23 Aug 2023 17:14

Tgt Ion:276 Resp: 23699
 Ion Ratio Lower Upper
 276 100
 138 25.5 19.3 28.9
 277 25.1 19.8 29.8

