

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027074.D
 Acq On : 23 Aug 2023 22:46
 Operator : MA/JU
 Sample : 03968-34
 Misc :
 ALS Vial : 95 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48Q2

Quant Time: Aug 24 01:40:15 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)

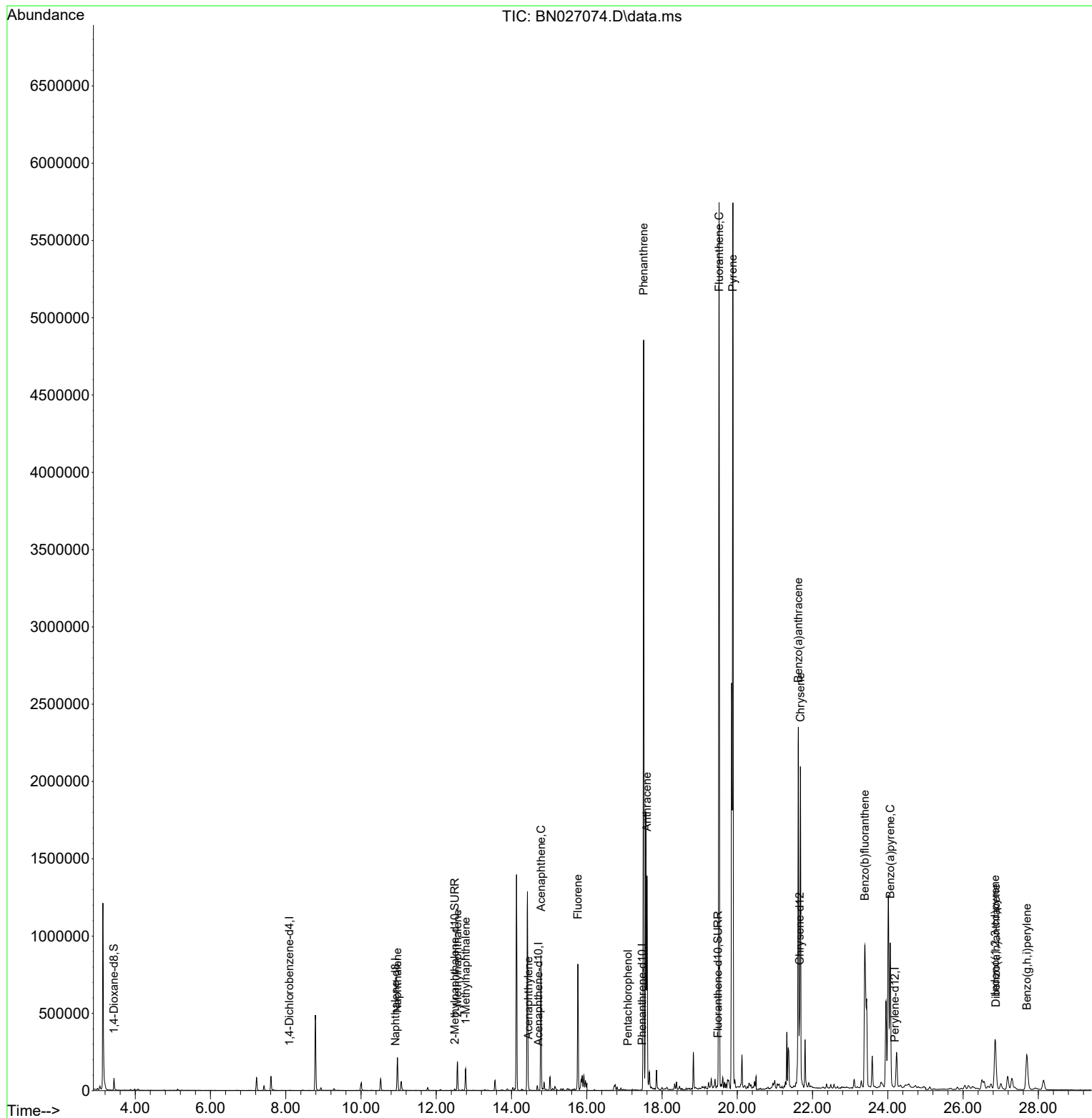
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	8	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.916	136	206	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.717	164	614	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.472	188	3031	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.659	240	1943	0.400	ng/ul	# 0.02
23) Perylene-d12	24.184	264	658	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	51411	5413.070	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.489	152	10925	36.042	ng/ul	0.00
18) Fluoranthene-d10	19.483	212	27832	4.536	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.966	128	288450	495.511	ng/ul	99
7) 2-Methylnaphthalene	12.561	142	130386	369.795	ng/ul	100
8) 1-Methylnaphthalene	12.780	142	95392	258.467	ng/ul	99
10) Acenaphthylene	14.448	152	27213	7.911	ng/ul#	94
11) Acenaphthene	14.781	153	492706	206.966	ng/ul	98
12) Fluorene	15.762	166	505695	187.767	ng/ul	98
14) Pentachlorophenol	17.092	266	64	0.075	ng/ul#	84
15) Phenanthrene	17.510	178	5213542	523.569	ng/ul	98
16) Anthracene	17.599	178	1450071	161.140	ng/ul	100
19) Fluoranthene	19.515	202	5028785	623.088	ng/ul	96
20) Pyrene	19.882	202	4728388	549.068	ng/ul	100
21) Benzo(a)anthracene	21.621	228	2178439	281.900	ng/ul	99
22) Chrysene	21.676	228	1878487	246.280	ng/ul#	96
24) Benzo(b)fluoranthene	23.389	252	2546488	1023.164	ng/ul	99
26) Benzo(a)pyrene	24.065	252	1407609	626.774	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.851	276	609784	207.557	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.871	278	164531	70.264	ng/ul	95
29) Benzo(g,h,i)perylene	27.692	276	554688	226.761	ng/ul	98

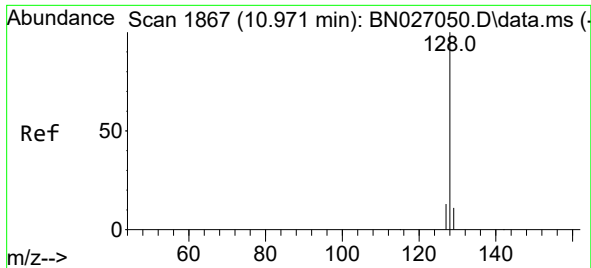
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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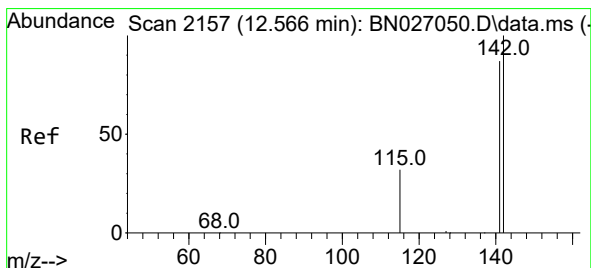
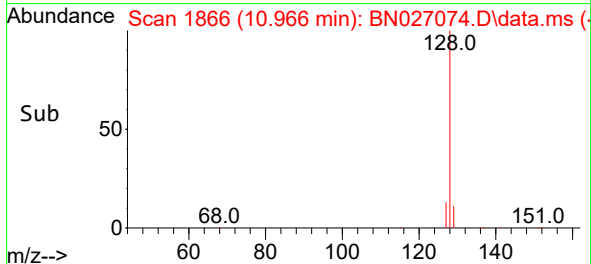
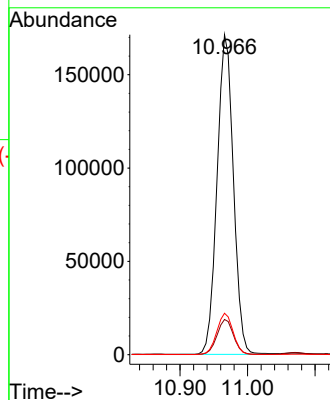
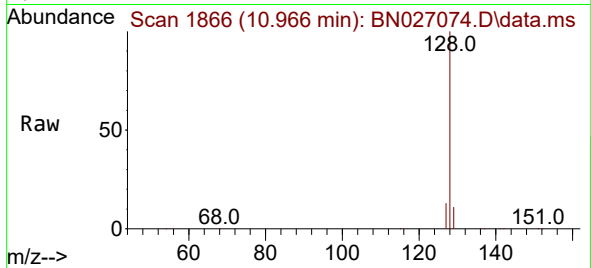




#5
Naphthalene
Concen: 495.511 ng/ul
RT: 10.966 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BN027074.D
Acq: 23 Aug 2023 22:46

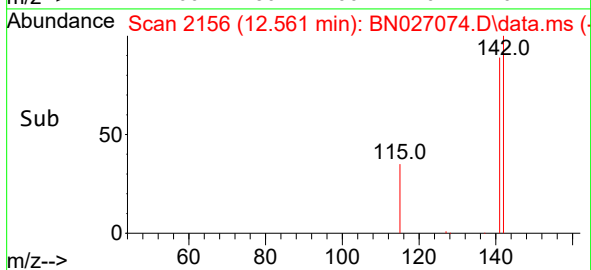
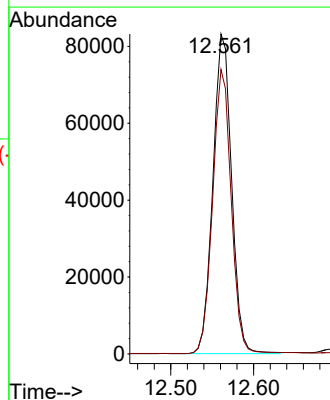
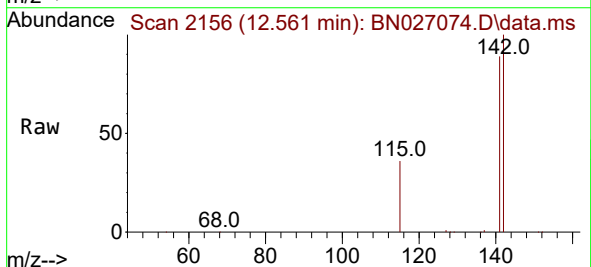
Instrument :
BNA_N
ClientSampleId :
A48Q2

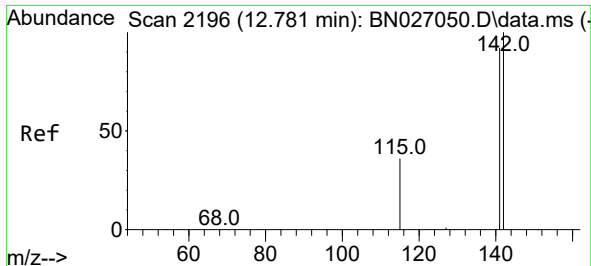
Tgt Ion:128 Resp: 288450
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.0 10.5 15.7



#7
2-Methylnaphthalene
Concen: 369.795 ng/ul
RT: 12.561 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BN027074.D
Acq: 23 Aug 2023 22:46

Tgt Ion:142 Resp: 130386
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3

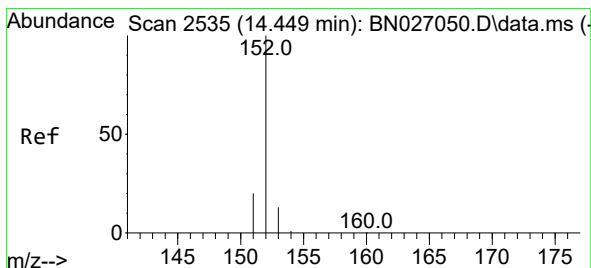
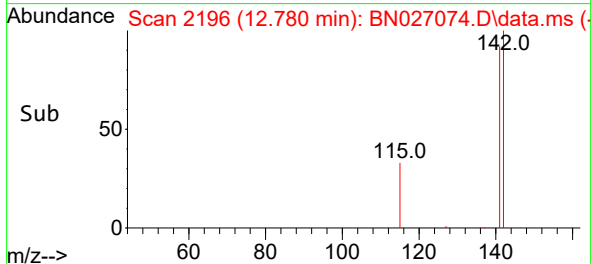
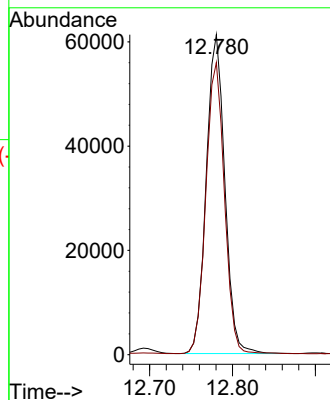
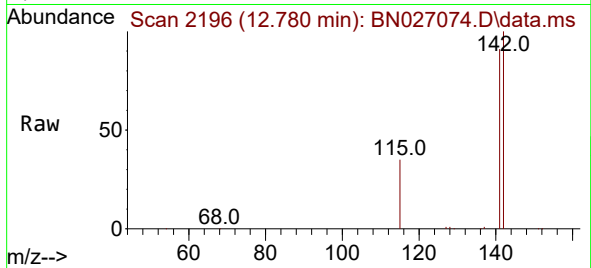




#8
1-Methylnaphthalene
Concen: 258.467 ng/ul
RT: 12.780 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BN027074.D
Acq: 23 Aug 2023 22:46

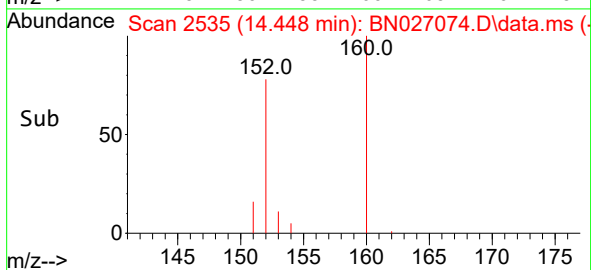
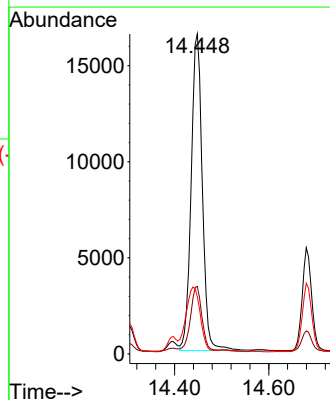
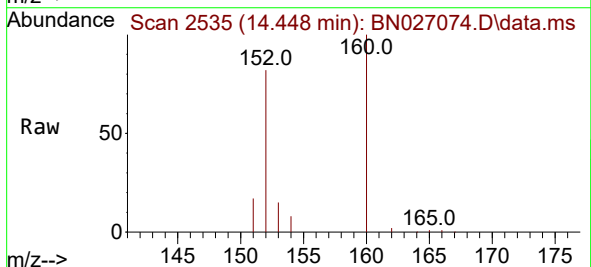
Instrument :
BNA_N
ClientSampleId :
A48Q2

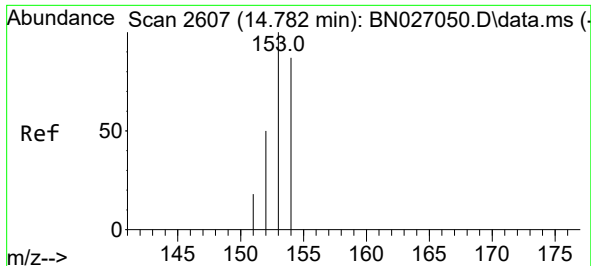
Tgt Ion:142 Resp: 95392
Ion Ratio Lower Upper
142 100
141 90.8 73.2 109.8



#10
Acenaphthylene
Concen: 7.911 ng/ul
RT: 14.448 min Scan# 2535
Delta R.T. -0.005 min
Lab File: BN027074.D
Acq: 23 Aug 2023 22:46

Tgt Ion:152 Resp: 27213
Ion Ratio Lower Upper
152 100
151 21.1 15.9 23.9
153 17.9 11.0 16.6#

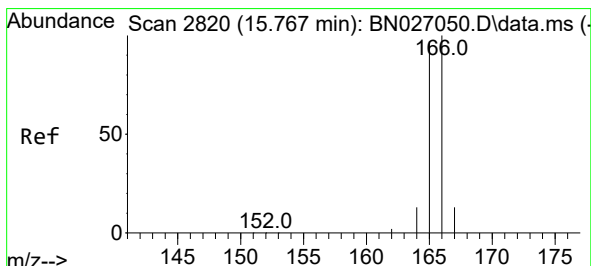
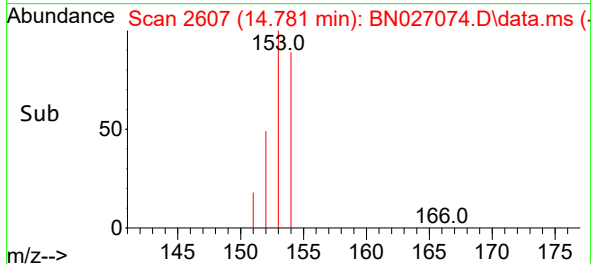
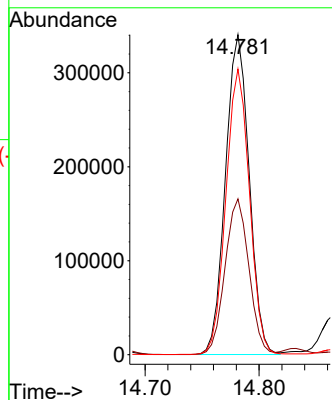
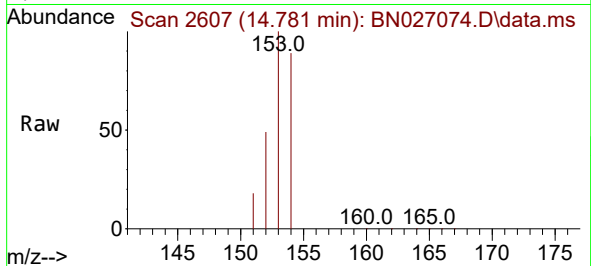




#11
Acenaphthene
Concen: 206.966 ng/ul
RT: 14.781 min Scan# 2107
Delta R.T. -0.005 min
Lab File: BN027074.D
Acq: 23 Aug 2023 22:46

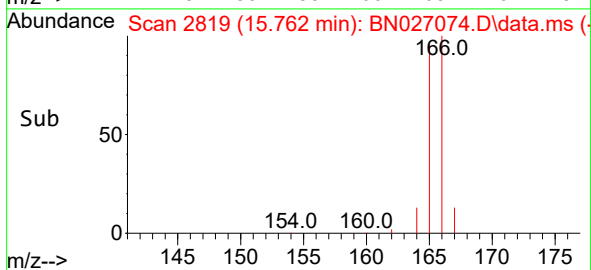
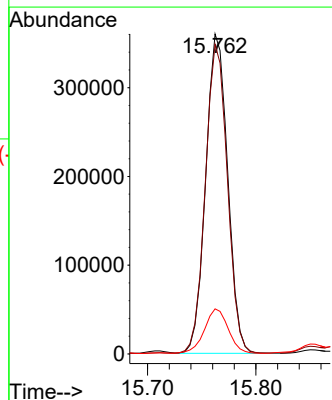
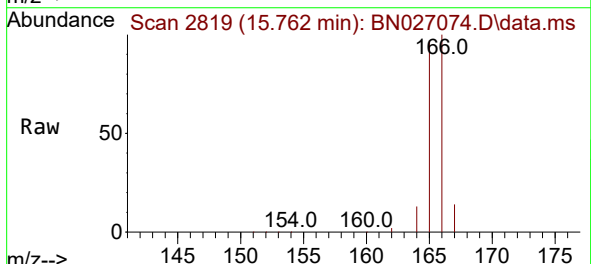
Instrument :
BNA_N
ClientSampleId :
A48Q2

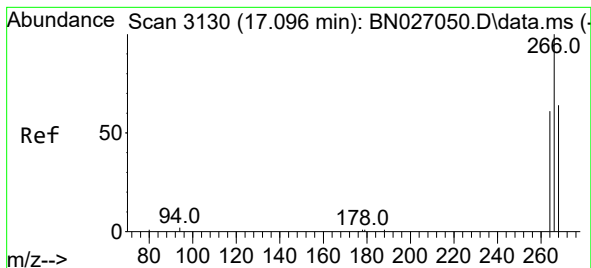
Tgt Ion:153 Resp: 492706
Ion Ratio Lower Upper
153 100
152 48.7 41.1 61.7
154 89.3 71.6 107.4



#12
Fluorene
Concen: 187.767 ng/ul
RT: 15.762 min Scan# 2819
Delta R.T. -0.005 min
Lab File: BN027074.D
Acq: 23 Aug 2023 22:46

Tgt Ion:166 Resp: 505695
Ion Ratio Lower Upper
166 100
165 96.8 79.1 118.7
167 14.1 11.4 17.0





#14

Pentachlorophenol

Concen: 0.075 ng/ul

RT: 17.092 min Scan# 3129

Delta R.T. -0.004 min

Lab File: BN027074.D

Acq: 23 Aug 2023 22:46

Instrument :

BNA_N

ClientSampleId :

A48Q2

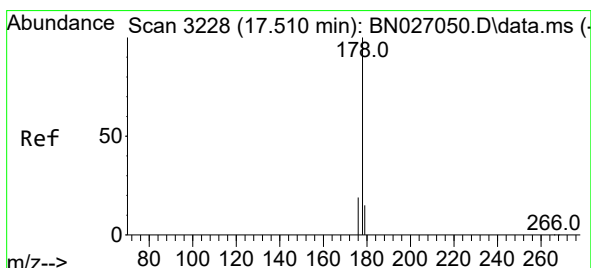
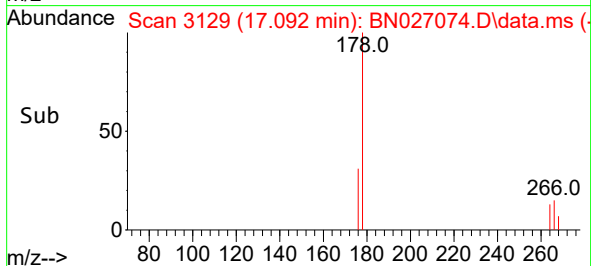
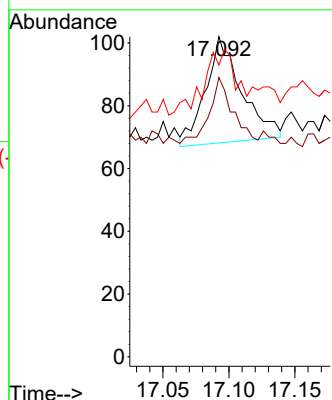
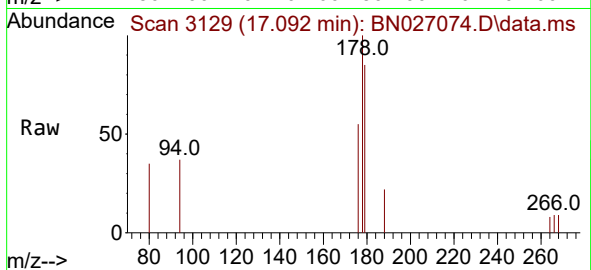
Tgt Ion:266 Resp: 64

Ion Ratio Lower Upper

266 100

264 48.4 50.4 75.6#

268 75.0 51.2 76.8



#15

Phenanthrene

Concen: 523.569 ng/ul

RT: 17.510 min Scan# 3228

Delta R.T. -0.000 min

Lab File: BN027074.D

Acq: 23 Aug 2023 22:46

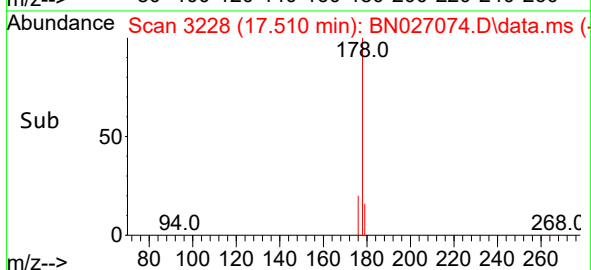
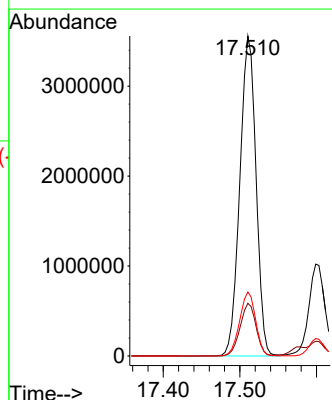
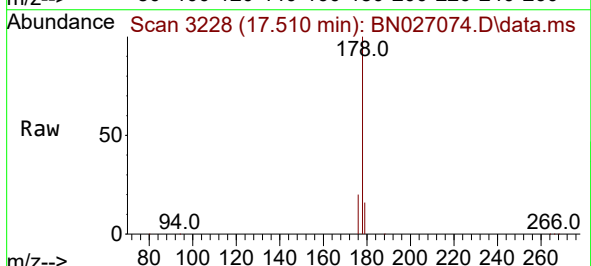
Tgt Ion:178 Resp: 5213542

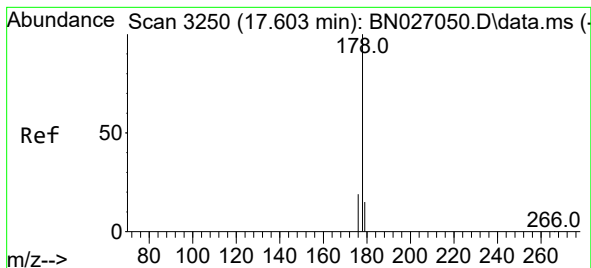
Ion Ratio Lower Upper

178 100

179 16.4 12.6 18.8

176 20.0 15.4 23.2





#16

Anthracene

Concen: 161.140 ng/ul

RT: 17.599 min Scan# 31

Delta R.T. -0.004 min

Lab File: BN027074.D

Acq: 23 Aug 2023 22:46

Instrument :

BNA_N

ClientSampleId :

A48Q2

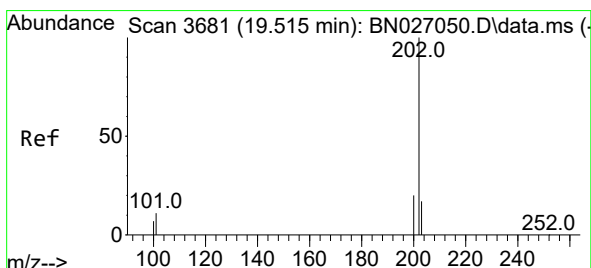
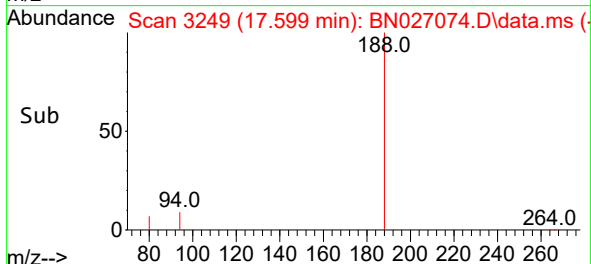
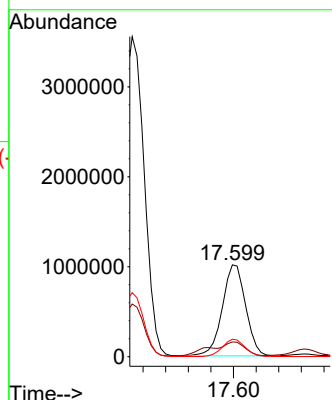
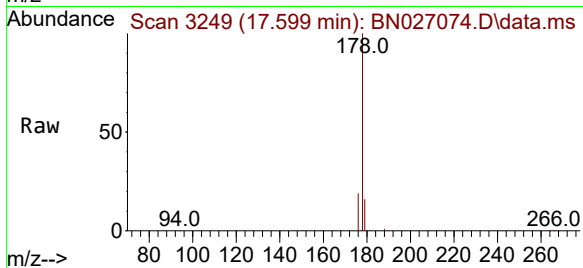
Tgt Ion:178 Resp: 1450071

Ion Ratio Lower Upper

178 100

179 16.0 12.6 19.0

176 19.0 15.0 22.6



#19

Fluoranthene

Concen: 623.088 ng/ul

RT: 19.515 min Scan# 3681

Delta R.T. -0.000 min

Lab File: BN027074.D

Acq: 23 Aug 2023 22:46

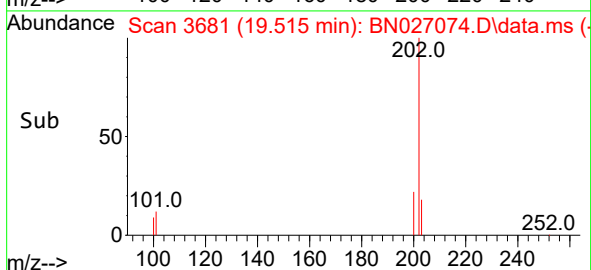
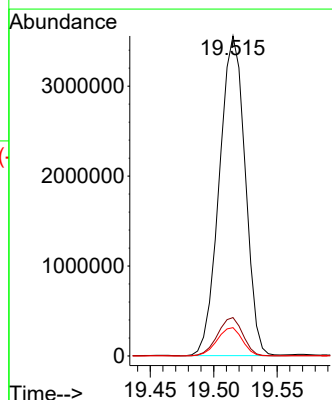
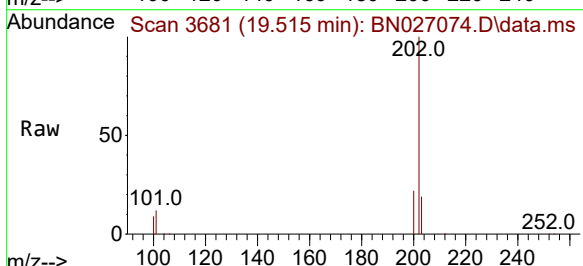
Tgt Ion:202 Resp: 5028785

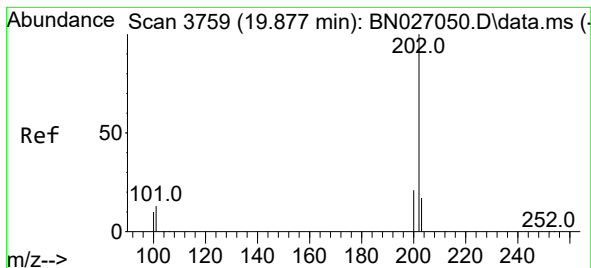
Ion Ratio Lower Upper

202 100

101 12.0 8.3 12.5

100 8.9 6.2 9.2





#20

Pyrene

Concen: 549.068 ng/ul

RT: 19.882 min Scan# 3760

Delta R.T. -0.000 min

Lab File: BN027074.D

Acq: 23 Aug 2023 22:46

Instrument :

BNA_N

ClientSampleId :

A48Q2

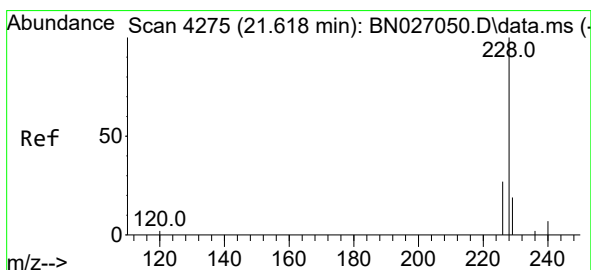
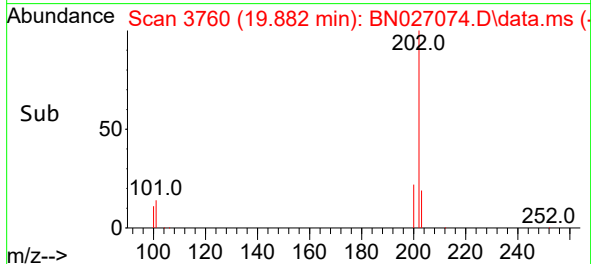
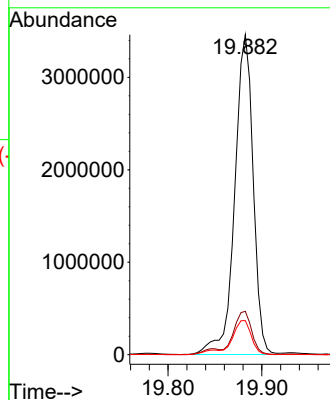
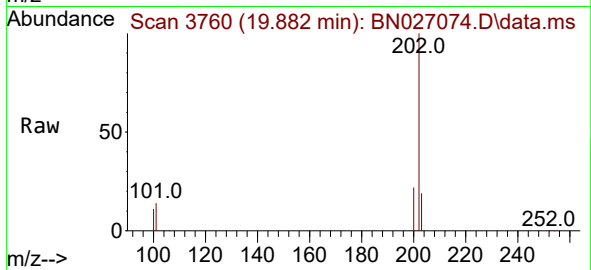
Tgt Ion:202 Resp: 4728388

Ion Ratio Lower Upper

202 100

101 13.6 10.7 16.1

100 10.7 8.5 12.7



#21

Benzo(a)anthracene

Concen: 281.900 ng/ul

RT: 21.621 min Scan# 4276

Delta R.T. -0.000 min

Lab File: BN027074.D

Acq: 23 Aug 2023 22:46

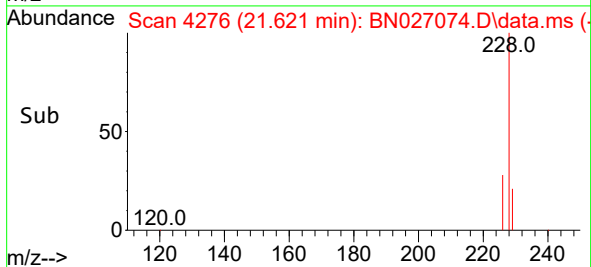
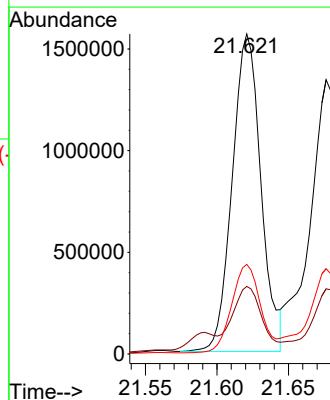
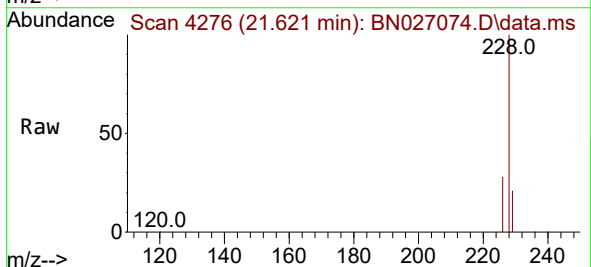
Tgt Ion:228 Resp: 2178439

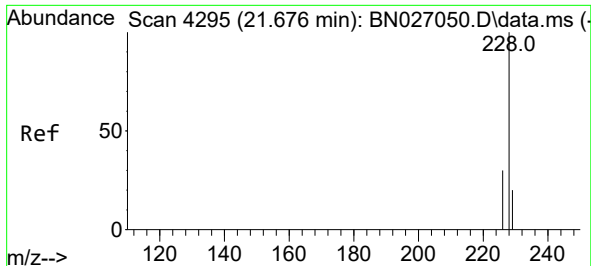
Ion Ratio Lower Upper

228 100

229 21.1 16.0 24.0

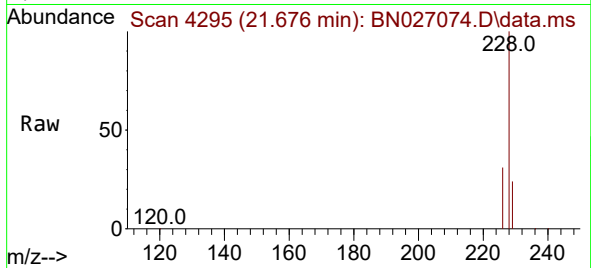
226 28.0 22.2 33.2



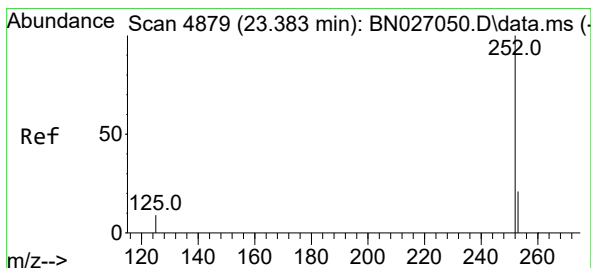
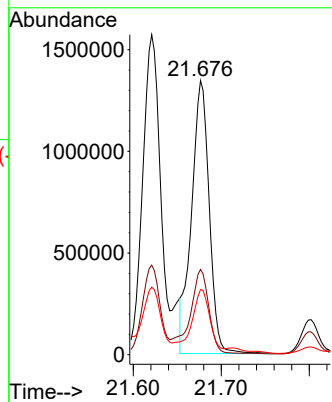
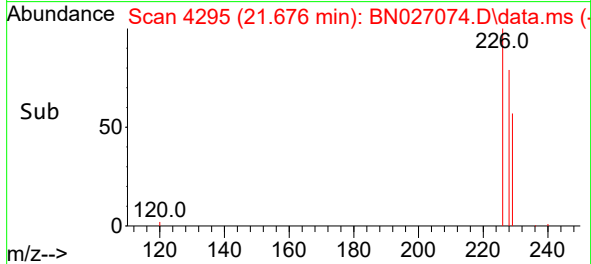


#22
Chrysene
Concen: 246.280 ng/ul
RT: 21.676 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN027074.D
Acq: 23 Aug 2023 22:46

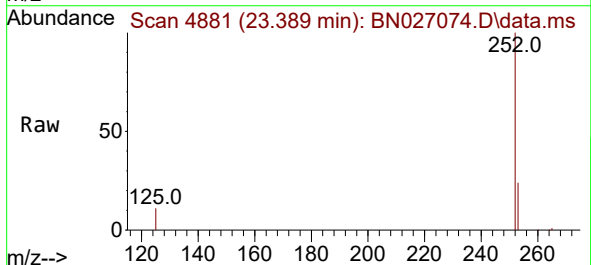
Instrument :
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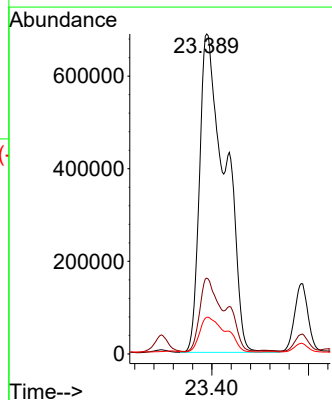
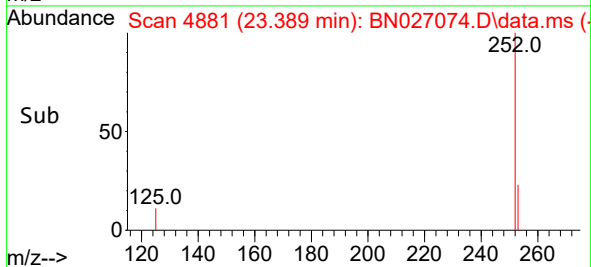
Tgt Ion:228 Resp: 1878487
Ion Ratio Lower Upper
228 100
226 31.1 24.6 36.8
229 23.7 15.8 23.6#

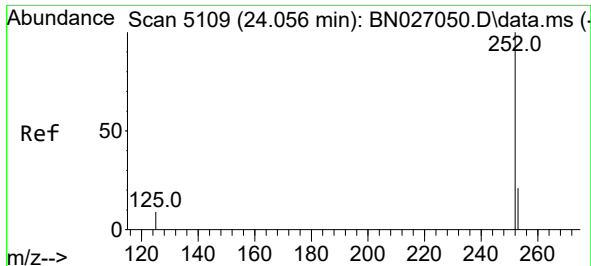


#24
Benzo(b)fluoranthene
Concen: 1023.164 ng/ul
RT: 23.389 min Scan# 4881
Delta R.T. 0.003 min
Lab File: BN027074.D
Acq: 23 Aug 2023 22:46



Tgt Ion:252 Resp: 2546488
Ion Ratio Lower Upper
252 100
253 23.7 0.0 46.8
125 11.5 0.0 25.2

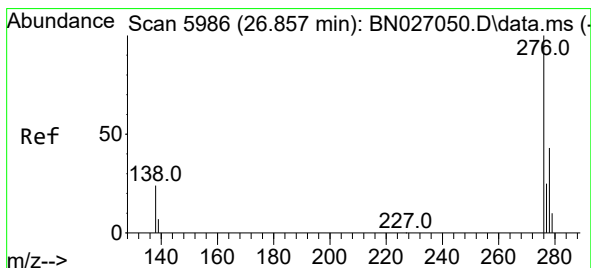
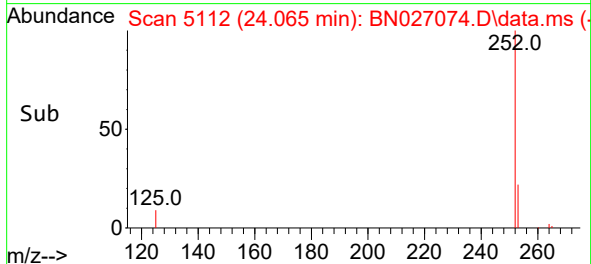
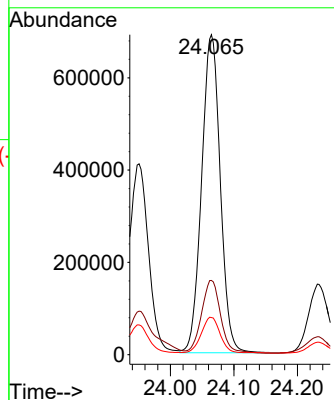
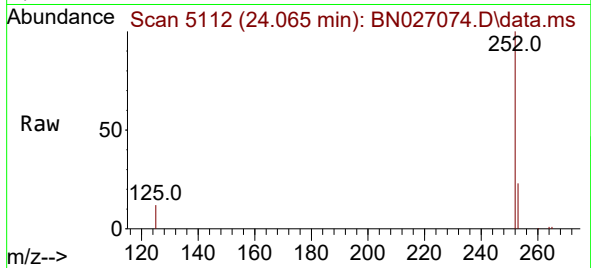




#26
Benzo(a)pyrene
Concen: 626.774 ng/ul
RT: 24.065 min Scan# 5109
Delta R.T. 0.003 min
Lab File: BN027074.D
Acq: 23 Aug 2023 22:46

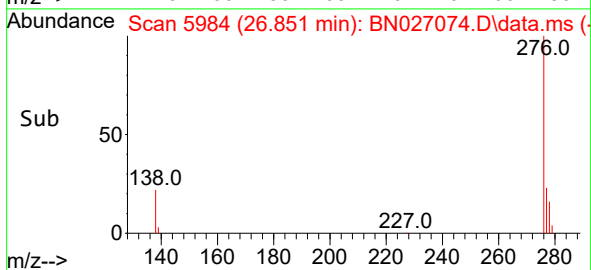
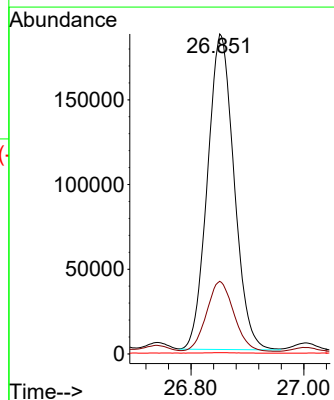
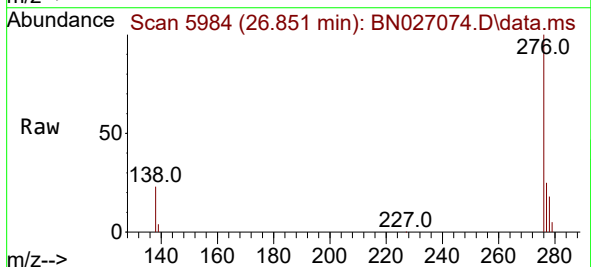
Instrument :
BNA_N
ClientSampleId :
A48Q2

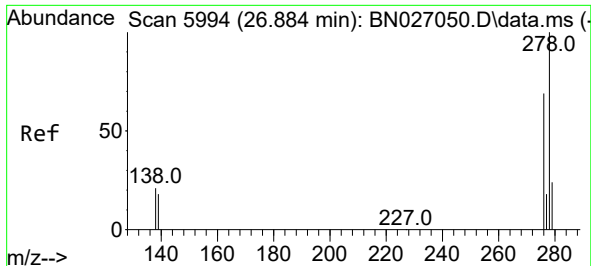
Tgt Ion:252 Resp: 1407609
Ion Ratio Lower Upper
252 100
253 23.2 19.0 28.6
125 11.6 11.4 17.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 207.557 ng/ul
RT: 26.851 min Scan# 5984
Delta R.T. -0.003 min
Lab File: BN027074.D
Acq: 23 Aug 2023 22:46

Tgt Ion:276 Resp: 609784
Ion Ratio Lower Upper
276 100
138 22.7 21.6 32.4
227 0.2 0.0 0.0#

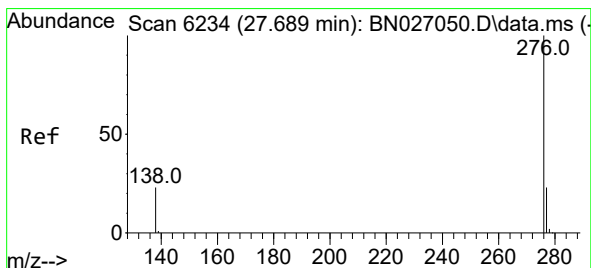
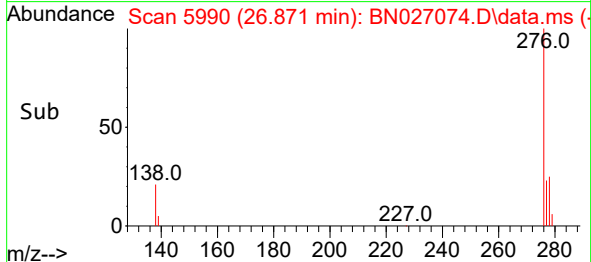
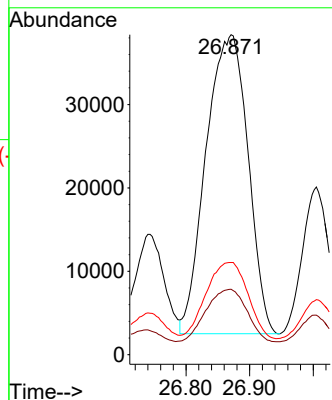
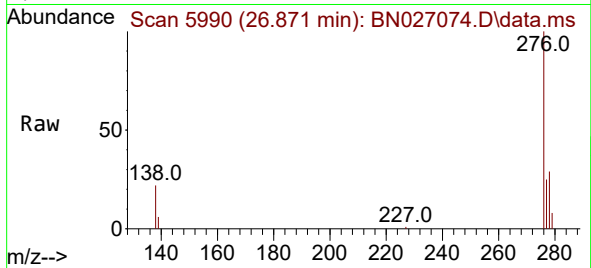




#28
Dibenzo(a,h)anthracene
Concen: 70.264 ng/ul
RT: 26.871 min Scan# 5994
Delta R.T. -0.014 min
Lab File: BN027074.D
Acq: 23 Aug 2023 22:46

Instrument :
BNA_N
ClientSampleId :
A48Q2

Tgt Ion:278 Resp: 164531
Ion Ratio Lower Upper
278 100
139 20.5 15.7 23.5
279 28.8 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 226.761 ng/ul
RT: 27.692 min Scan# 6235
Delta R.T. -0.003 min
Lab File: BN027074.D
Acq: 23 Aug 2023 22:46

Tgt Ion:276 Resp: 554688
Ion Ratio Lower Upper
276 100
138 23.0 19.3 28.9
277 24.3 19.8 29.8

