

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027075.D
 Acq On : 23 Aug 2023 23:23
 Operator : MA/JU
 Sample : 03968-35
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48Q3

Quant Time: Aug 24 01:40:27 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

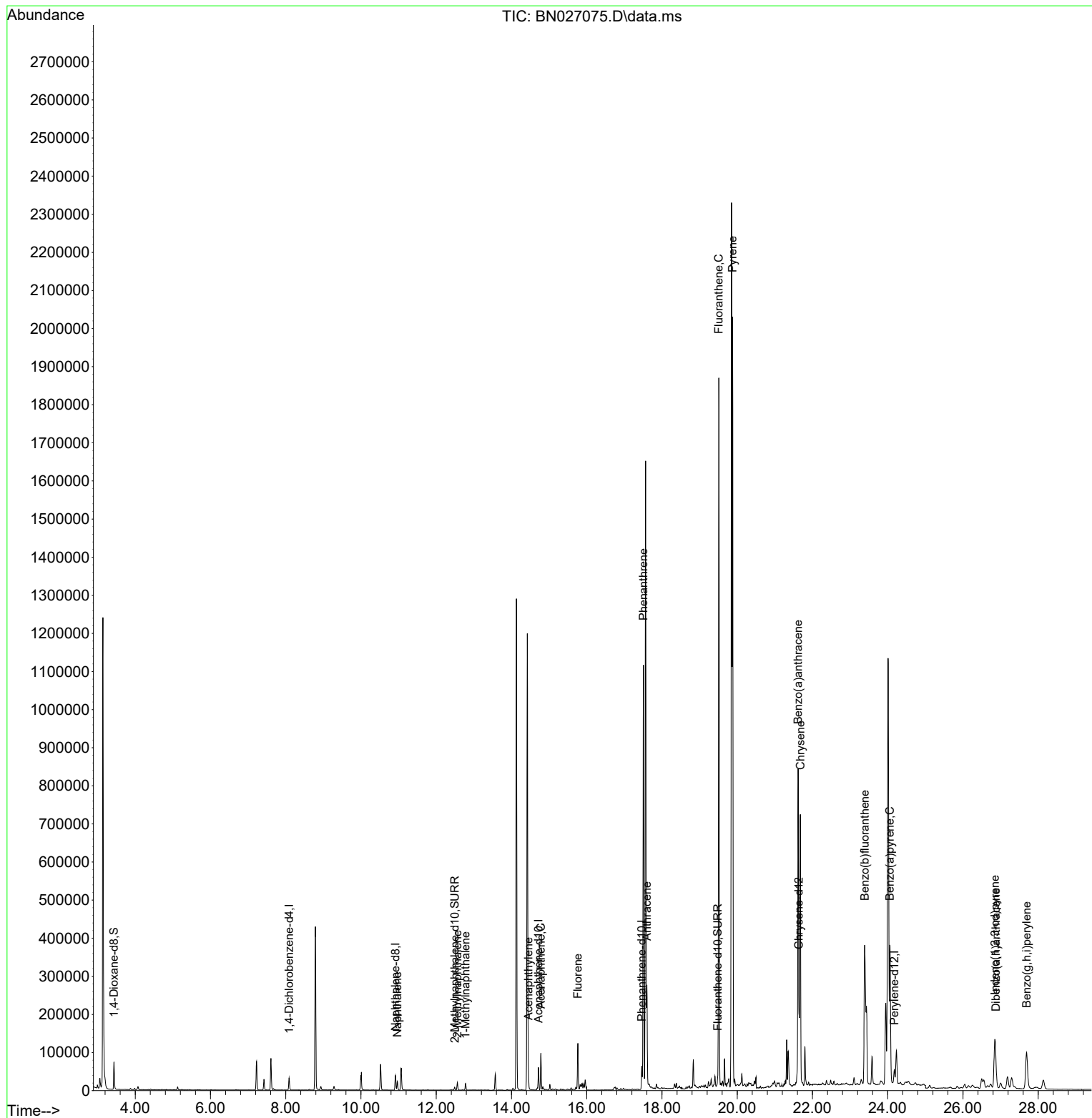
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	15604	0.400	ng/ul	0.00
4) Naphthalene-d8	10.916	136	52619	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.717	164	32520	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.464	188	75149	0.400	ng/ul	0.00
17) Chrysene-d12	21.635	240	59361	0.400	ng/ul	# 0.00
23) Perylene-d12	24.176	264	50406	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	48508	2.619	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.489	152	9953	0.129	ng/ul	0.00
18) Fluoranthene-d10	19.482	212	26633	0.142	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.966	128	30690	0.206	ng/ul	99
7) 2-Methylnaphthalene	12.561	142	14551	0.162	ng/ul	99
8) 1-Methylnaphthalene	12.781	142	12008	0.127	ng/ul	100
10) Acenaphthylene	14.449	152	53099	0.291	ng/ul	100
11) Acenaphthene	14.782	153	53934	0.428	ng/ul	98
12) Fluorene	15.762	166	74579	0.523	ng/ul	98
15) Phenanthrene	17.506	178	1183848	4.795	ng/ul	100
16) Anthracene	17.599	178	275678	1.236	ng/ul	100
19) Fluoranthene	19.510	202	1610680	6.532	ng/ul	97
20) Pyrene	19.877	202	1600933	6.085	ng/ul	100
21) Benzo(a)anthracene	21.618	228	747288	3.165	ng/ul	99
22) Chrysene	21.676	228	705994	3.030	ng/ul	98
24) Benzo(b)fluoranthene	23.389	252	987715	5.181	ng/ul	100
26) Benzo(a)pyrene	24.059	252	535749	3.114	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.847	276	260530	1.158	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.874	278	64737	0.361	ng/ul	91
29) Benzo(g,h,i)perylene	27.692	276	239731	1.279	ng/ul	99

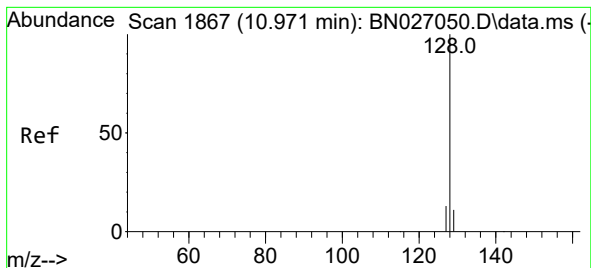
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.206 ng/ul

RT: 10.966 min Scan# 1866

Delta R.T. -0.005 min

Lab File: BN027075.D

Acq: 23 Aug 2023 23:23

Instrument :

BNA_N

ClientSampleId :

A48Q3

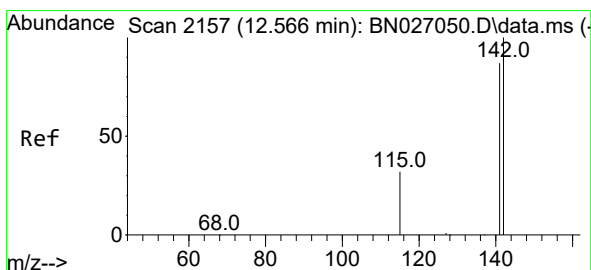
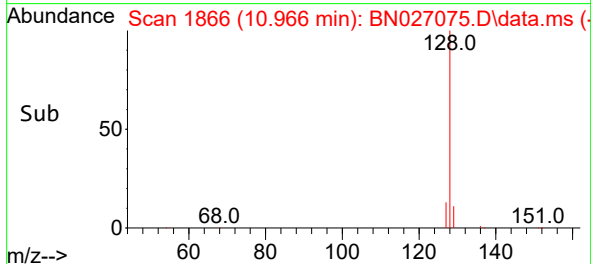
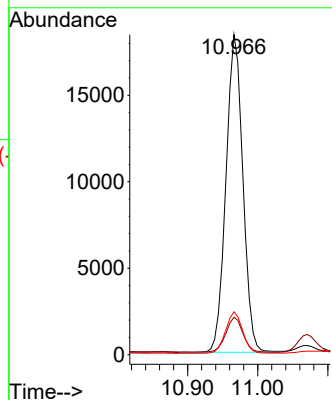
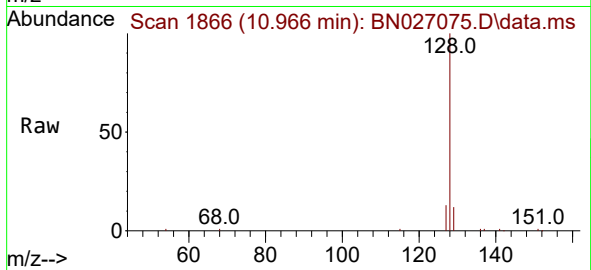
Tgt Ion:128 Resp: 30690

Ion Ratio Lower Upper

128 100

129 11.7 9.2 13.8

127 13.4 10.5 15.7



#7

2-Methylnaphthalene

Concen: 0.162 ng/ul

RT: 12.561 min Scan# 2156

Delta R.T. -0.005 min

Lab File: BN027075.D

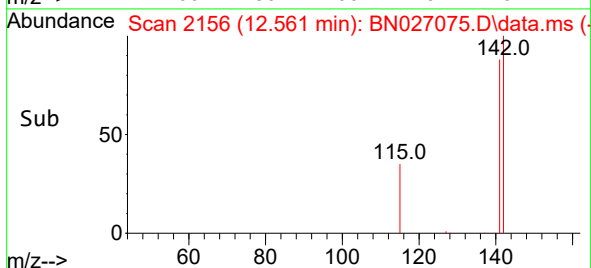
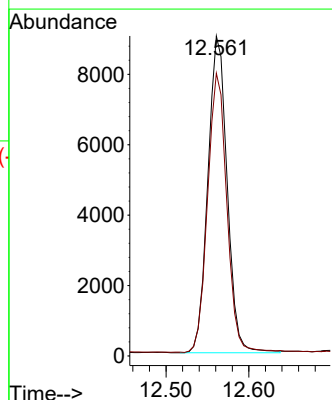
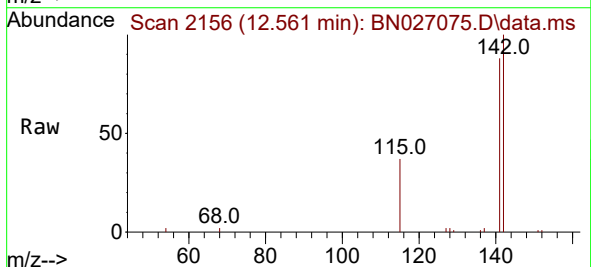
Acq: 23 Aug 2023 23:23

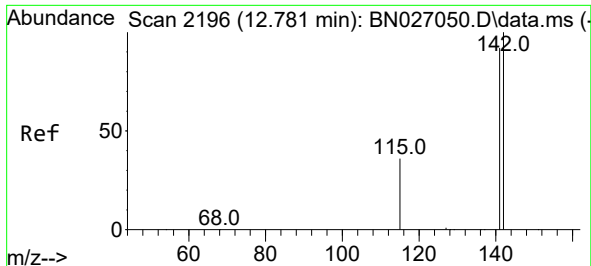
Tgt Ion:142 Resp: 14551

Ion Ratio Lower Upper

142 100

141 87.7 70.9 106.3

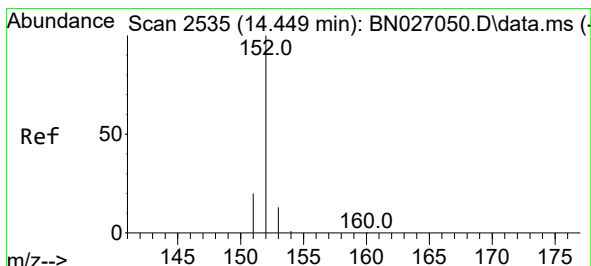
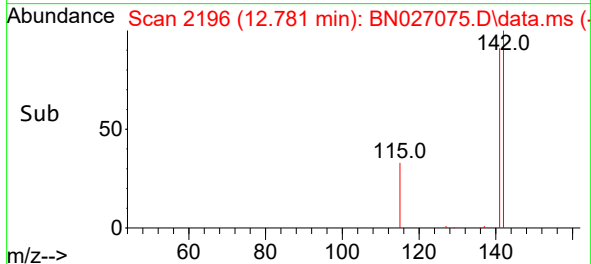
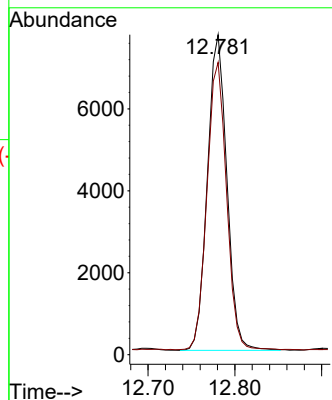
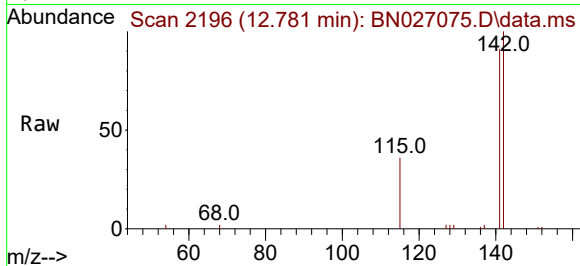




#8
1-Methylnaphthalene
Concen: 0.127 ng/ul
RT: 12.781 min Scan# 2196
Delta R.T. -0.005 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23

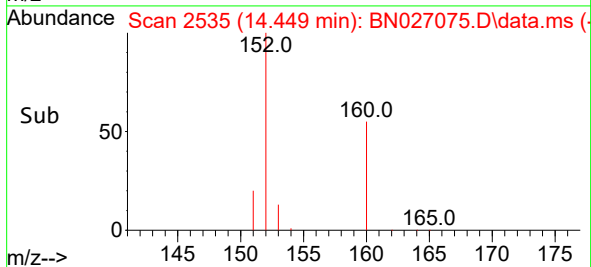
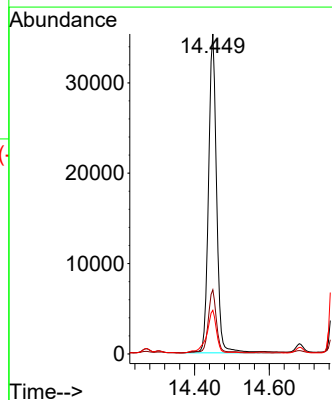
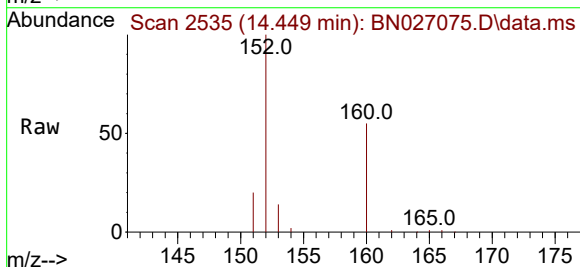
Instrument :
BNA_N
ClientSampleId :
A48Q3

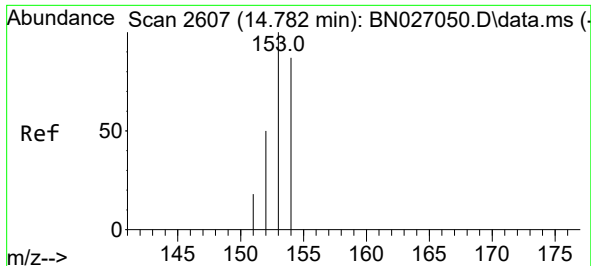
Tgt Ion:142 Resp: 12008
Ion Ratio Lower Upper
142 100
141 91.3 73.2 109.8



#10
Acenaphthylene
Concen: 0.291 ng/ul
RT: 14.449 min Scan# 2535
Delta R.T. -0.005 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23

Tgt Ion:152 Resp: 53099
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.6 11.0 16.6

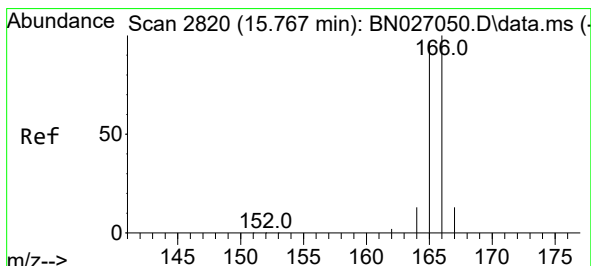
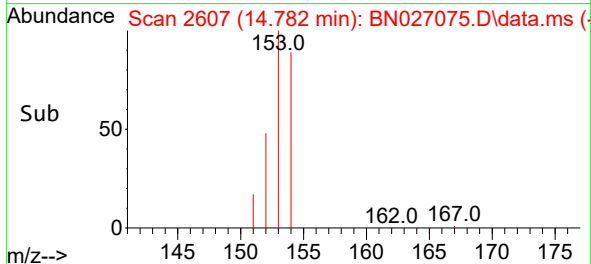
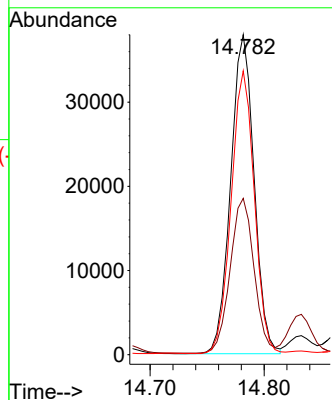
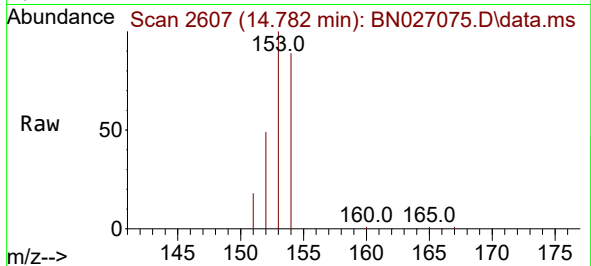




#11
Acenaphthene
Concen: 0.428 ng/ul
RT: 14.782 min Scan# 2019
Delta R.T. -0.005 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23

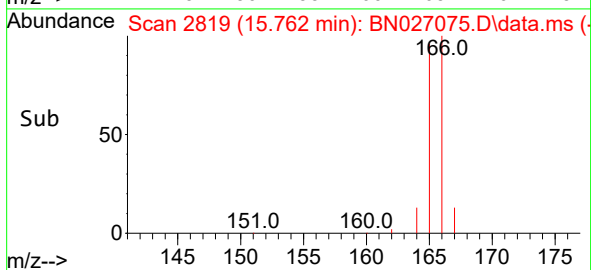
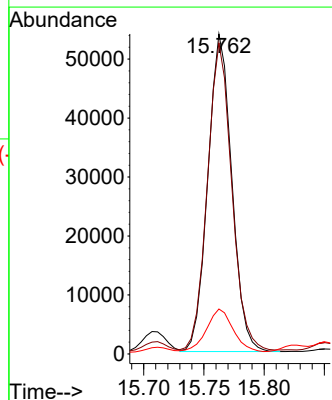
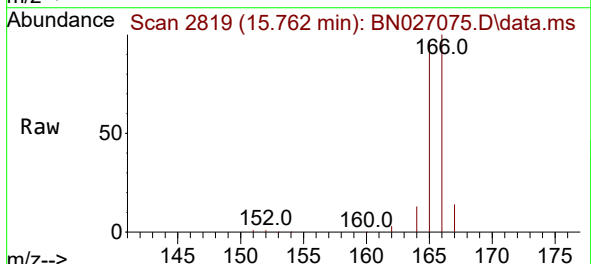
Instrument :
BNA_N
ClientSampleId :
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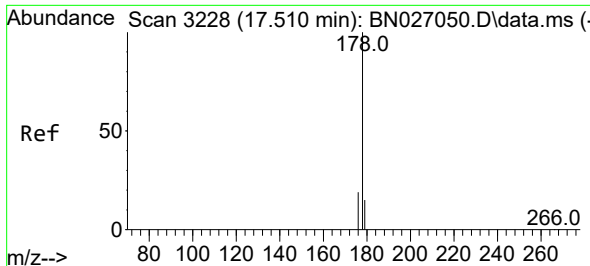
Tgt Ion:153 Resp: 53934
Ion Ratio Lower Upper
153 100
152 48.8 41.1 61.7
154 88.7 71.6 107.4



#12
Fluorene
Concen: 0.523 ng/ul
RT: 15.762 min Scan# 2819
Delta R.T. -0.005 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23

Tgt Ion:166 Resp: 74579
Ion Ratio Lower Upper
166 100
165 97.2 79.1 118.7
167 14.0 11.4 17.0

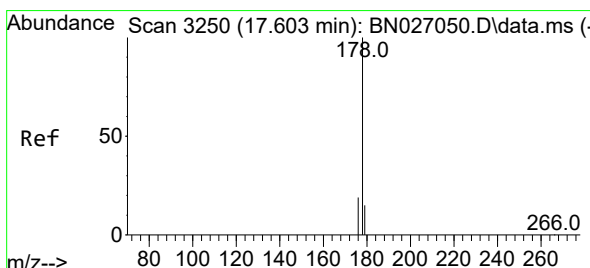
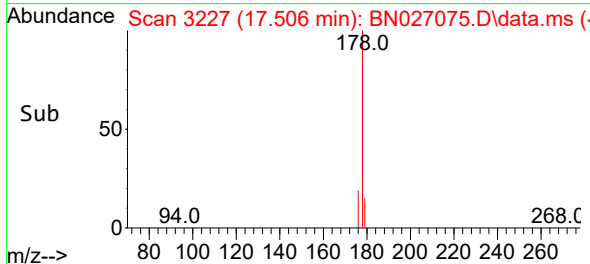
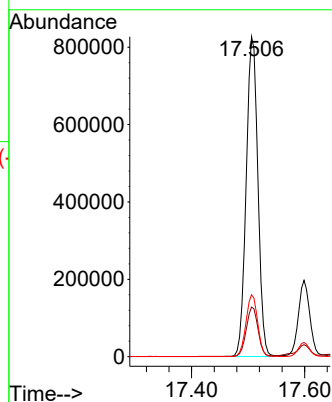
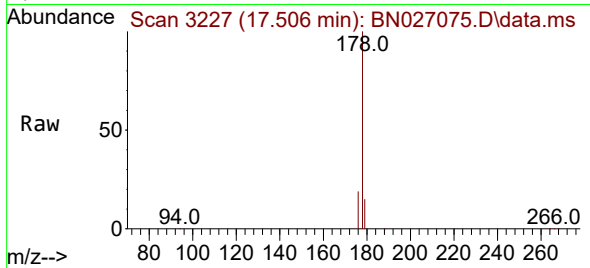




#15
Phenanthrene
Concen: 4.795 ng/ul
RT: 17.506 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23

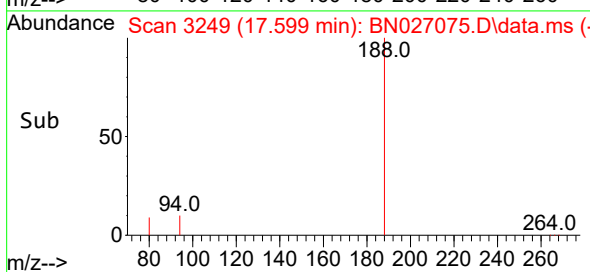
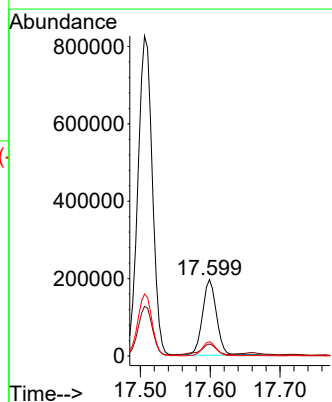
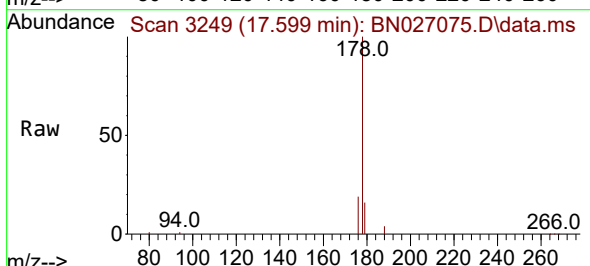
Instrument :
BNA_N
ClientSampleId :
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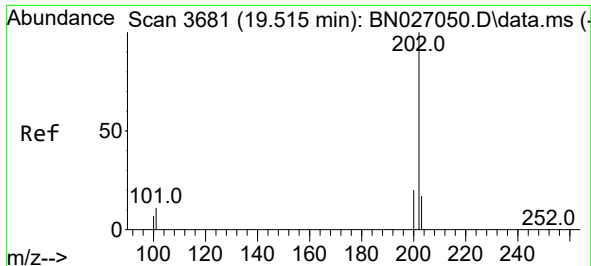
Tgt Ion:178 Resp: 1183848
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.3 15.4 23.2



#16
Anthracene
Concen: 1.236 ng/ul
RT: 17.599 min Scan# 3249
Delta R.T. -0.005 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23

Tgt Ion:178 Resp: 275678
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 18.7 15.0 22.6

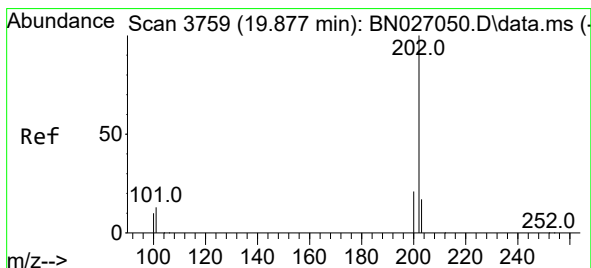
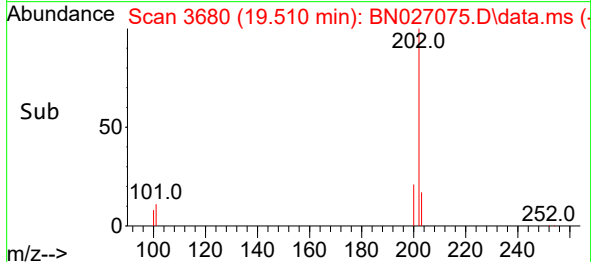
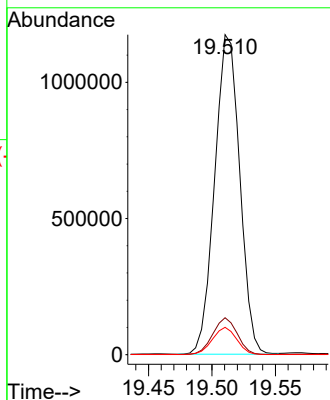
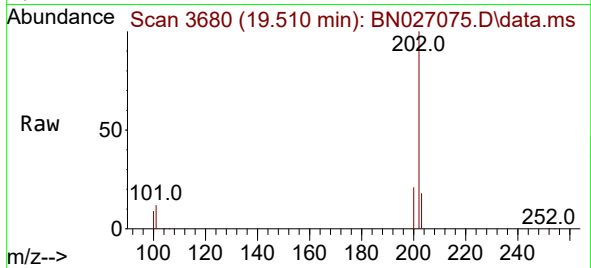




#19
Fluoranthene
Concen: 6.532 ng/ul
RT: 19.510 min Scan# 3680
Delta R.T. -0.005 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23

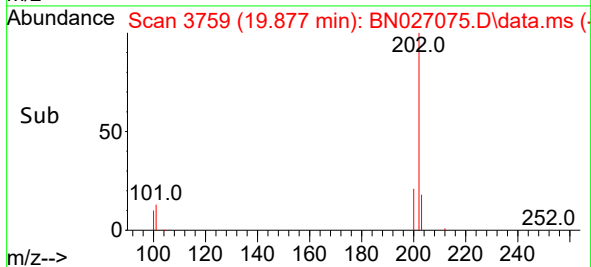
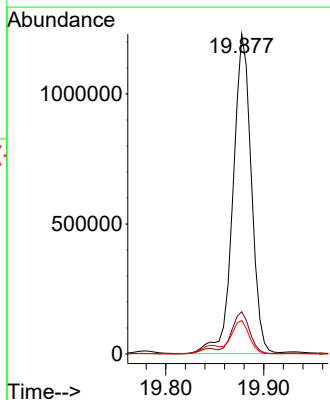
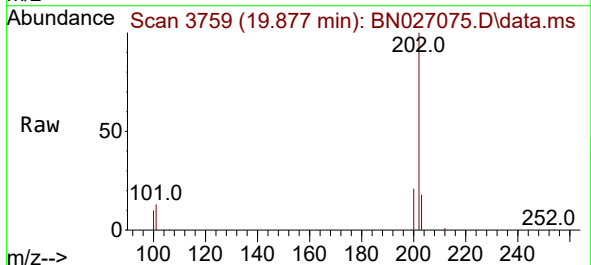
Instrument :
BNA_N
ClientSampleId :
A48Q3

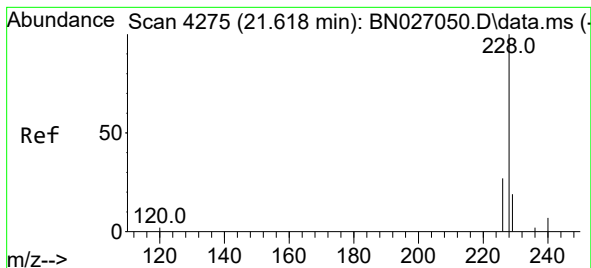
Tgt Ion:202 Resp: 1610680
Ion Ratio Lower Upper
202 100
101 11.5 8.3 12.5
100 8.5 6.2 9.2



#20
Pyrene
Concen: 6.085 ng/ul
RT: 19.877 min Scan# 3759
Delta R.T. -0.005 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23

Tgt Ion:202 Resp: 1600933
Ion Ratio Lower Upper
202 100
101 13.2 10.7 16.1
100 10.5 8.5 12.7





#21

Benzo(a)anthracene

Concen: 3.165 ng/ul

RT: 21.618 min Scan# 4275

Delta R.T. -0.003 min

Lab File: BN027075.D

Acq: 23 Aug 2023 23:23

Instrument :

BNA_N

ClientSampleId :

A48Q3

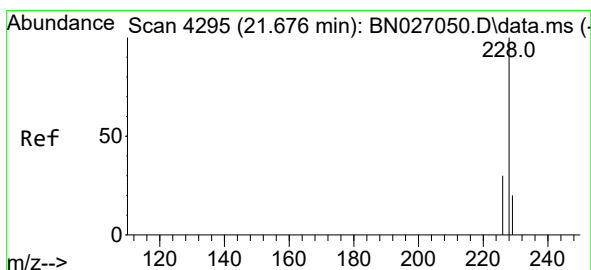
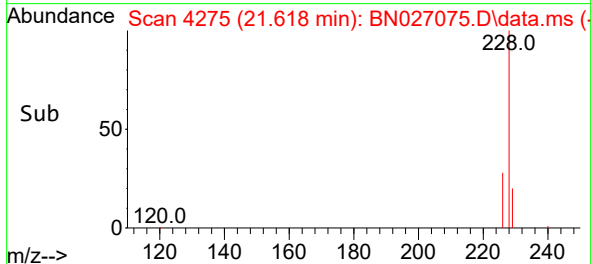
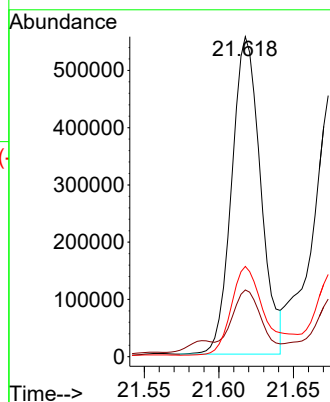
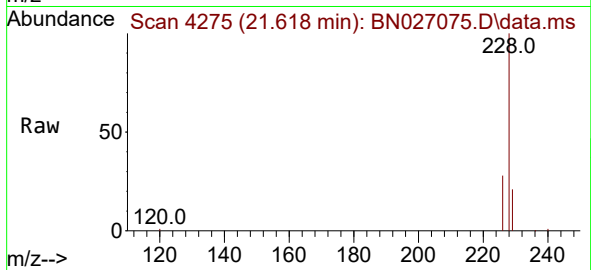
Tgt Ion:228 Resp: 747288

Ion Ratio Lower Upper

228 100

229 20.8 16.0 24.0

226 28.2 22.2 33.2



#22

Chrysene

Concen: 3.030 ng/ul

RT: 21.676 min Scan# 4295

Delta R.T. -0.000 min

Lab File: BN027075.D

Acq: 23 Aug 2023 23:23

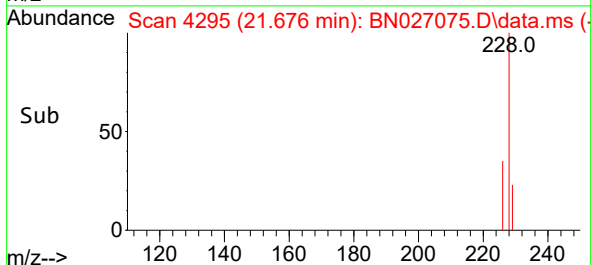
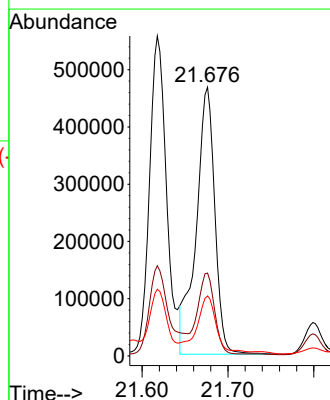
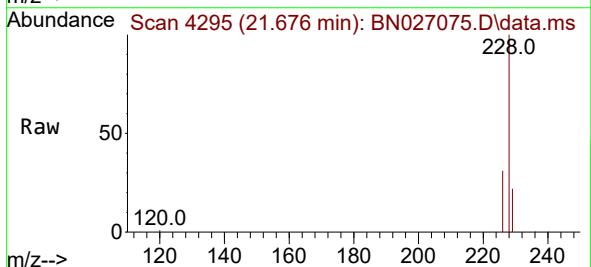
Tgt Ion:228 Resp: 705994

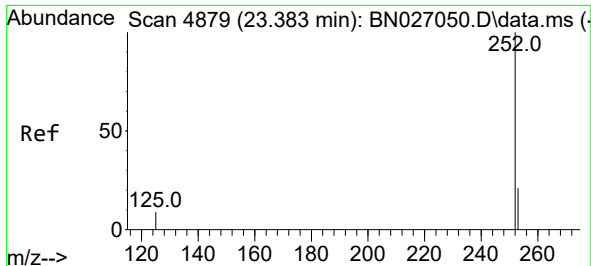
Ion Ratio Lower Upper

228 100

226 30.8 24.6 36.8

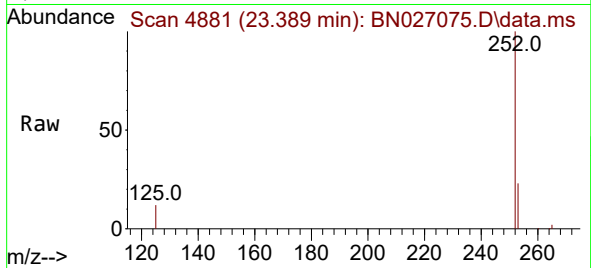
229 22.3 15.8 23.6



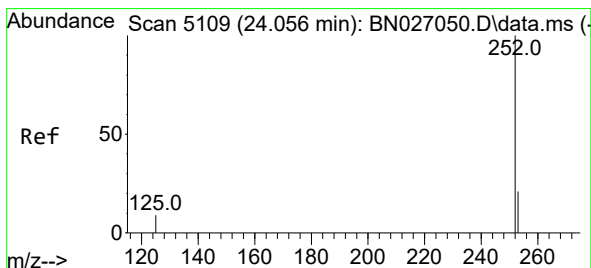
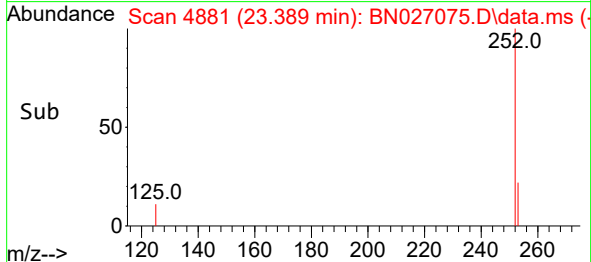
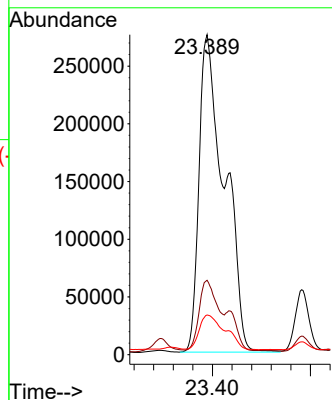


#24
Benzo(b)fluoranthene
Concen: 5.181 ng/ul
RT: 23.389 min Scan# 4879
Delta R.T. 0.003 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23

Instrument :
BNA_N
ClientSampleId :
A48Q3

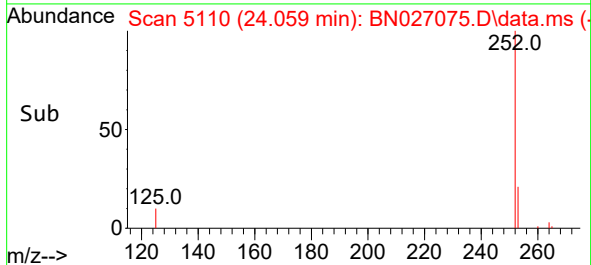
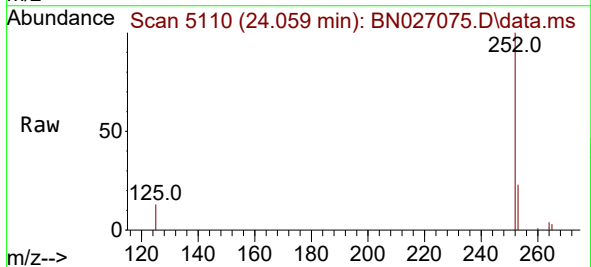
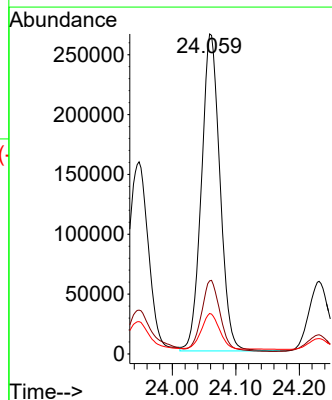


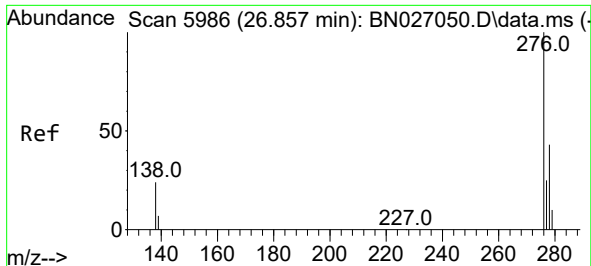
Tgt Ion:252 Resp: 987715
Ion Ratio Lower Upper
252 100
253 23.3 0.0 46.8
125 12.4 0.0 25.2



#26
Benzo(a)pyrene
Concen: 3.114 ng/ul
RT: 24.059 min Scan# 5110
Delta R.T. -0.003 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23

Tgt Ion:252 Resp: 535749
Ion Ratio Lower Upper
252 100
253 22.9 19.0 28.6
125 12.6 11.4 17.0

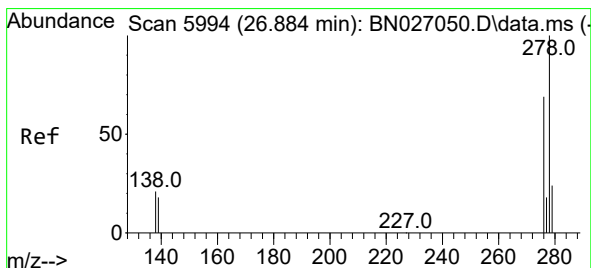
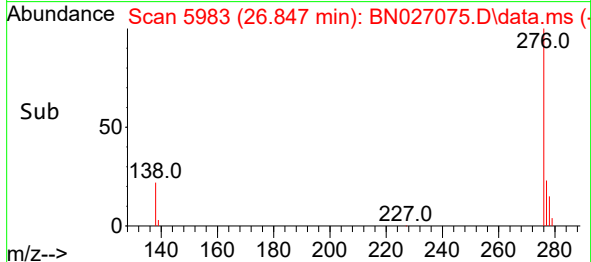
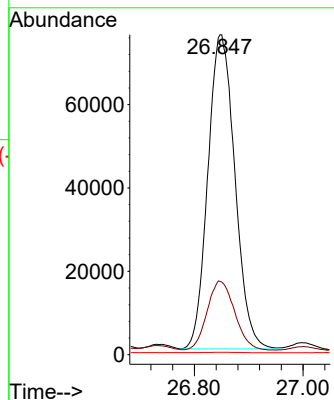
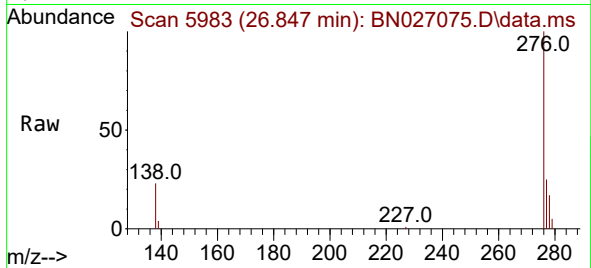




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.158 ng/ul
 RT: 26.847 min Scan# 5983
 Delta R.T. -0.007 min
 Lab File: BN027075.D
 Acq: 23 Aug 2023 23:23

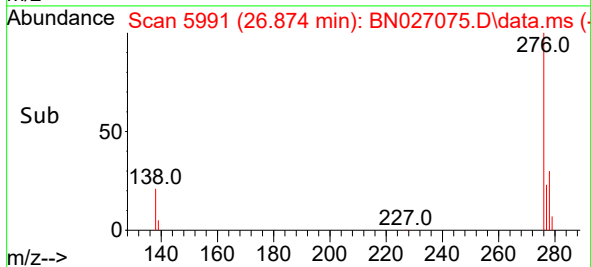
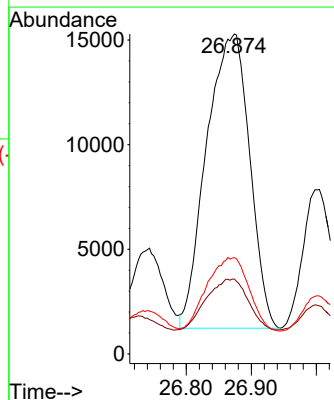
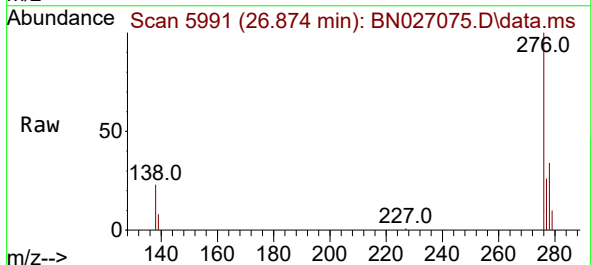
Instrument :
 BNA_N
 ClientSampleId :
 A48Q3

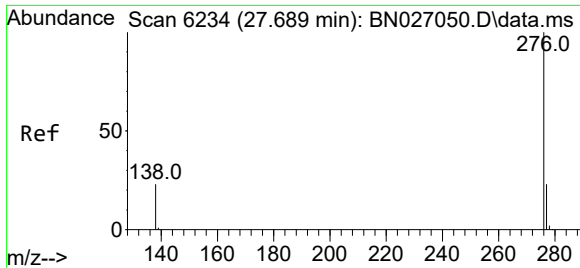
Tgt Ion:276 Resp: 260530
 Ion Ratio Lower Upper
 276 100
 138 22.4 21.6 32.4
 227 0.2 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.361 ng/ul
 RT: 26.874 min Scan# 5991
 Delta R.T. -0.010 min
 Lab File: BN027075.D
 Acq: 23 Aug 2023 23:23

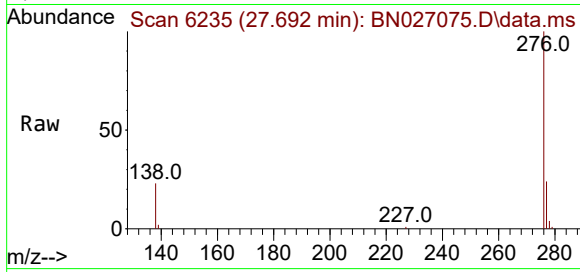
Tgt Ion:278 Resp: 64737
 Ion Ratio Lower Upper
 278 100
 139 23.4 15.7 23.5
 279 30.1 20.2 30.4





#29
Benzo(g,h,i)perylene
Concen: 1.279 ng/ul
RT: 27.692 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23

Instrument :
BNA_N
ClientSampleId :
A48Q3



Tgt Ion:276 Resp: 239731
Ion Ratio Lower Upper
276 100
138 23.4 19.3 28.9
277 24.3 19.8 29.8

