

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025810.D
 Acq On : 13 Jun 2023 17:21
 Operator : MA/JU
 Sample : 02950-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW986

Quant Time: Jun 13 23:17:45 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

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

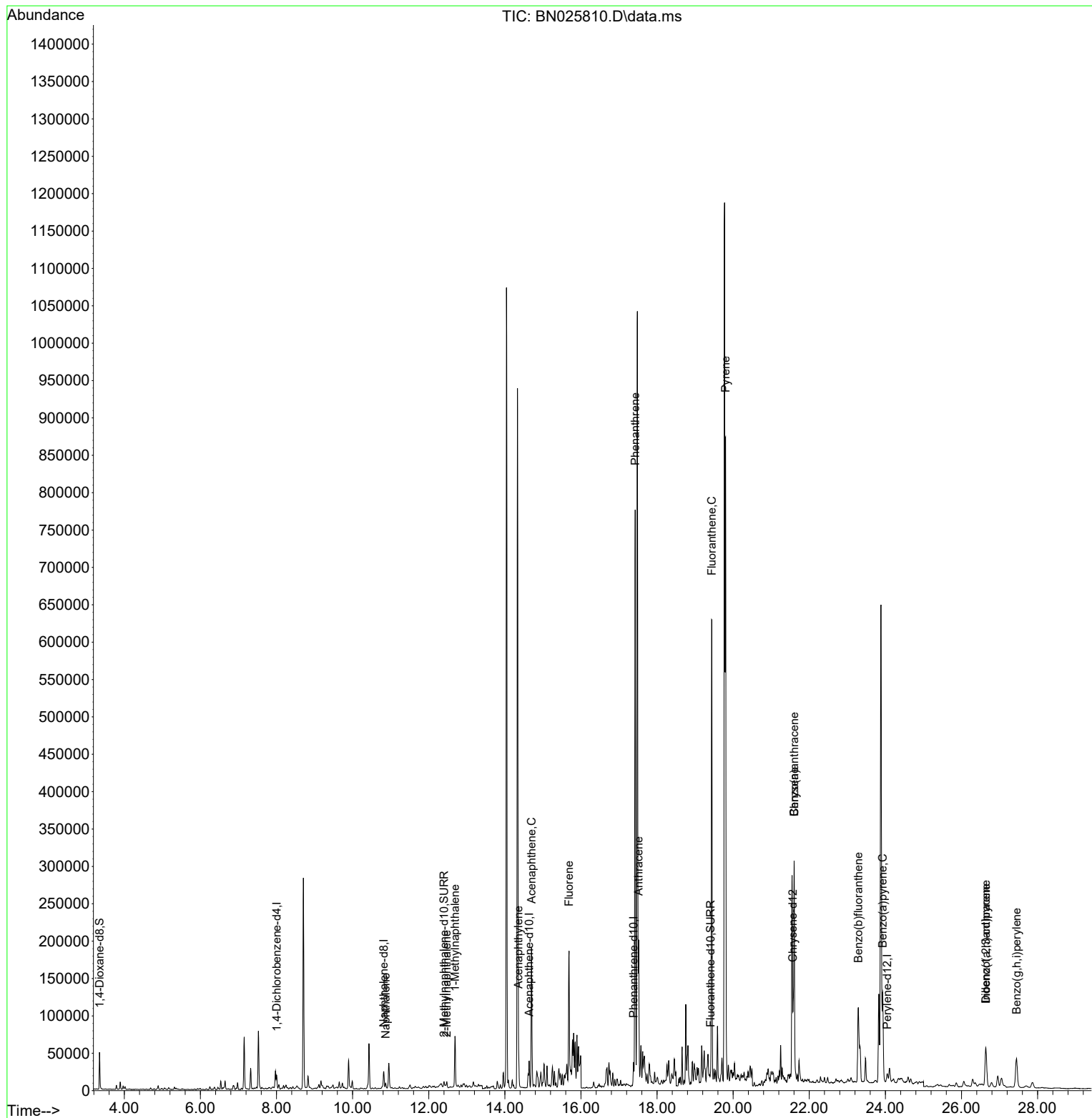
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.006	152	9921	0.400	ng/ul	0.00
4) Naphthalene-d8	10.820	136	30459	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.641	164	18506	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.382	188	32255	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.565	240	16799	0.400	ng/ul	# 0.00
23) Perylene-d12	24.050	264	17261	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	30966	3.175	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.404	152	8801	0.228	ng/ul	0.00
18) Fluoranthene-d10	19.406	212	14347	0.271	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.869	128	9904	0.128	ng/ul#	91
7) 2-Methylnaphthalene	12.475	142	5308	0.114	ng/ul	92
8) 1-Methylnaphthalene	12.690	142	46904	0.915	ng/ul	99
10) Acenaphthylene	14.358	152	49359	0.675	ng/ul#	89
11) Acenaphthene	14.701	153	107723	1.765	ng/ul	99
12) Fluorene	15.686	166	115066	1.692	ng/ul	100
15) Phenanthrene	17.424	178	811393	8.625	ng/ul	99
16) Anthracene	17.517	178	193604	2.437	ng/ul	99
19) Fluoranthene	19.439	202	524654	6.828	ng/ul	97
20) Pyrene	19.801	202	737718	9.274	ng/ul	97
21) Benzo(a)anthracene	21.603	228	327320	6.110	ng/ul	92
22) Chrysene	21.603	228	327708	5.350	ng/ul	97
24) Benzo(b)fluoranthene	23.289	252	254555	3.605	ng/ul	95
26) Benzo(a)pyrene	23.930	252	180035	3.009	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.639	276	81859	1.200	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.642	278	30123	0.583	ng/ul#	91
29) Benzo(g,h,i)perylene	27.447	276	90659	1.481	ng/ul	99

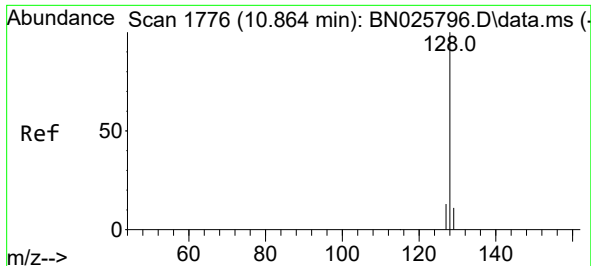
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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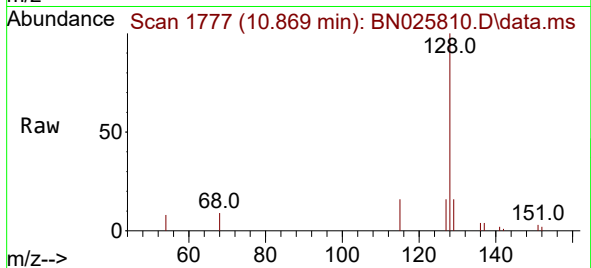
Quant Time: Jun 13 23:17:45 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
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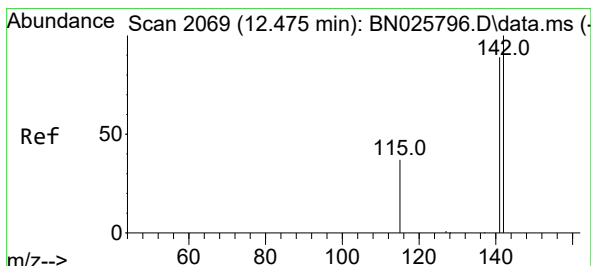
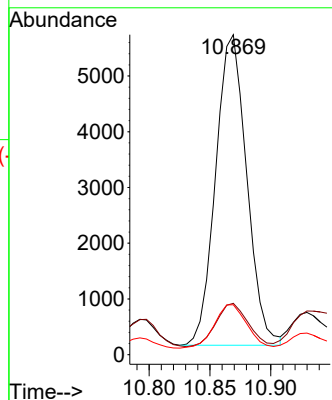
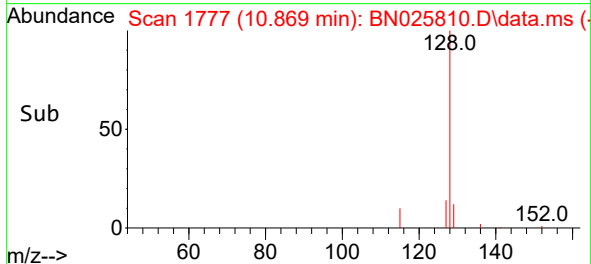


#5
Naphthalene
Concen: 0.128 ng/ul
RT: 10.869 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

Instrument :
BNA_N
ClientSampleId :
EW986

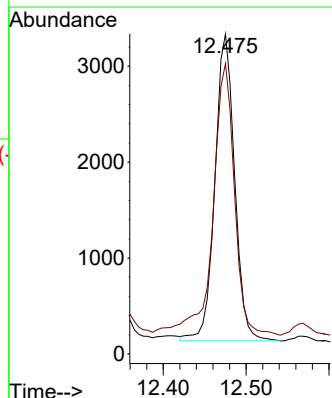
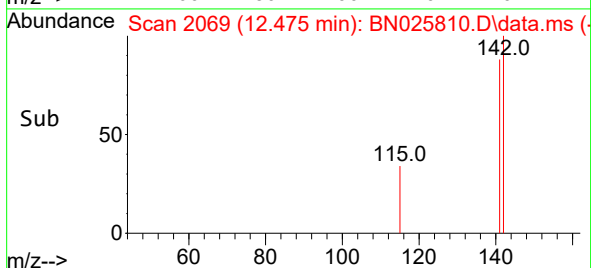
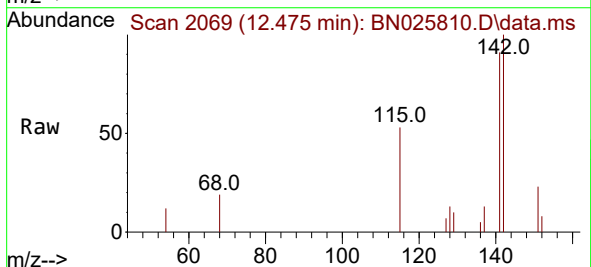


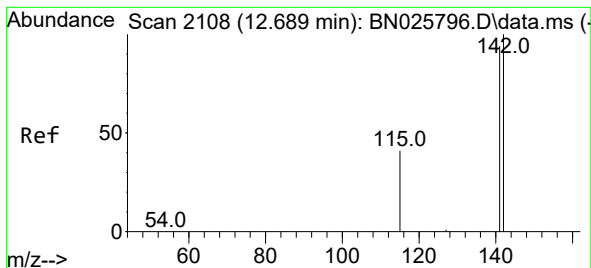
Tgt Ion:128 Resp: 9904
Ion Ratio Lower Upper
128 100
129 16.1 9.1 13.7#
127 15.6 10.5 15.7



#7
2-Methylnaphthalene
Concen: 0.114 ng/ul
RT: 12.475 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

Tgt Ion:142 Resp: 5308
Ion Ratio Lower Upper
142 100
141 97.2 71.4 107.2





#8

1-Methylnaphthalene

Concen: 0.915 ng/ul

RT: 12.690 min Scan# 2108

Delta R.T. -0.010 min

Lab File: BN025810.D

Acq: 13 Jun 2023 17:21

Instrument :

BNA_N

ClientSampleId :

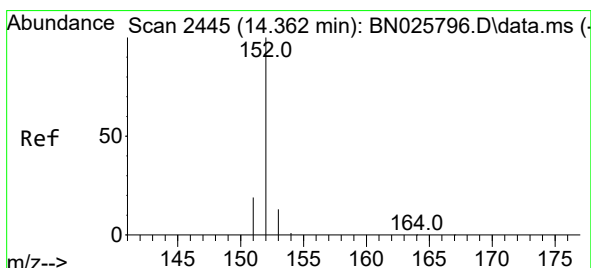
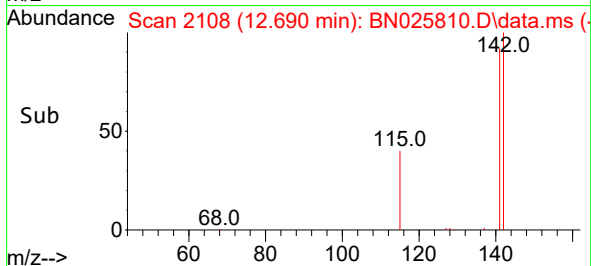
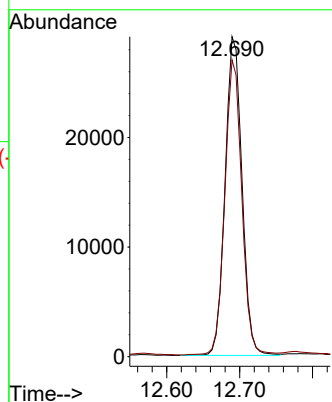
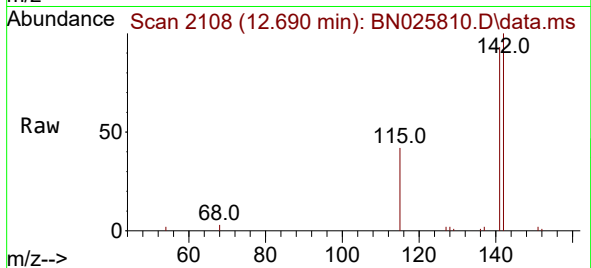
EW986

Tgt Ion:142 Resp: 46904

Ion Ratio Lower Upper

142 100

141 93.0 74.0 111.0



#10

Acenaphthylene

Concen: 0.675 ng/ul

RT: 14.358 min Scan# 2444

Delta R.T. -0.008 min

Lab File: BN025810.D

Acq: 13 Jun 2023 17:21

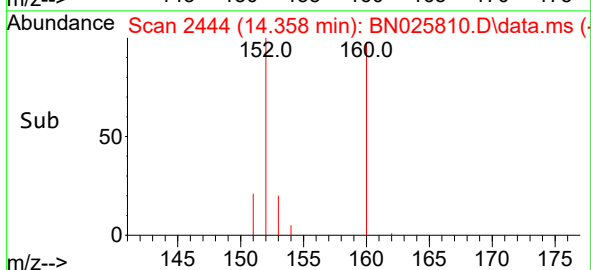
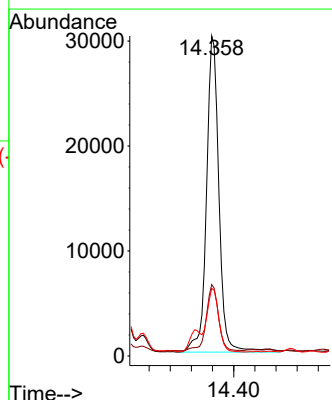
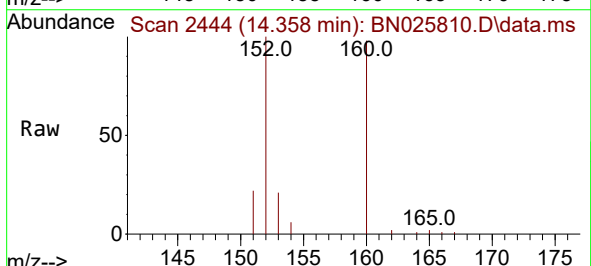
Tgt Ion:152 Resp: 49359

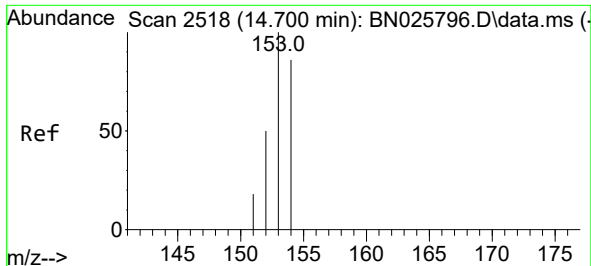
Ion Ratio Lower Upper

152 100

151 22.3 16.0 24.0

153 21.1 10.7 16.1#

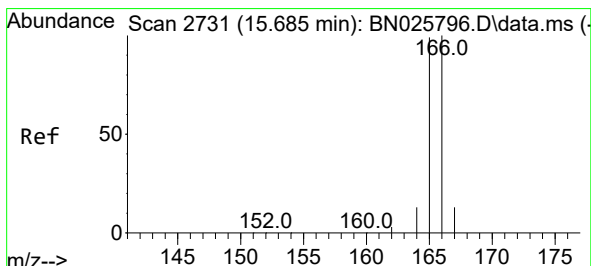
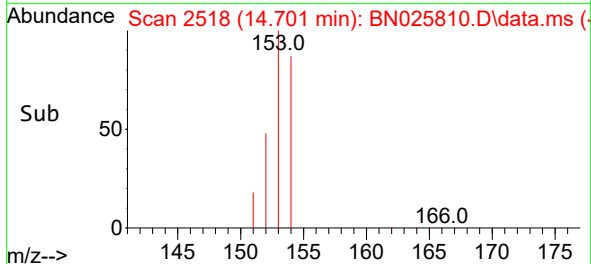
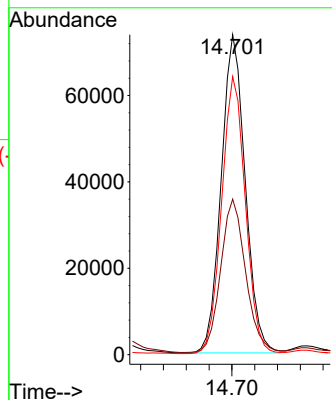
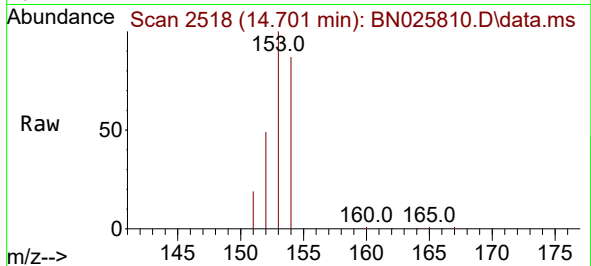




#11
Acenaphthene
Concen: 1.765 ng/ul
RT: 14.701 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

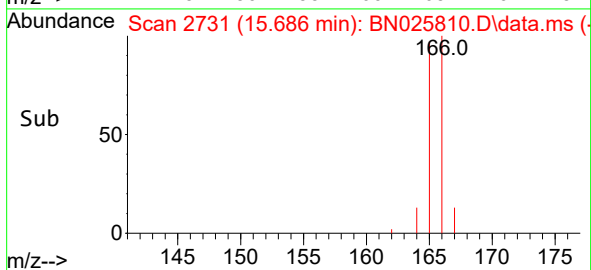
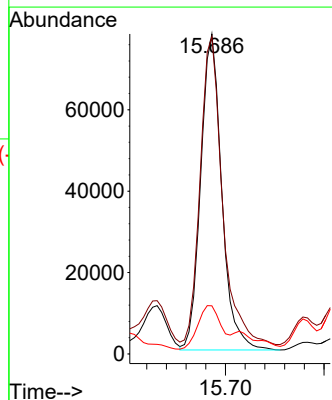
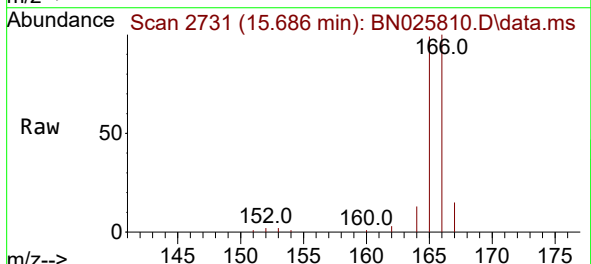
Instrument :
BNA_N
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EW986

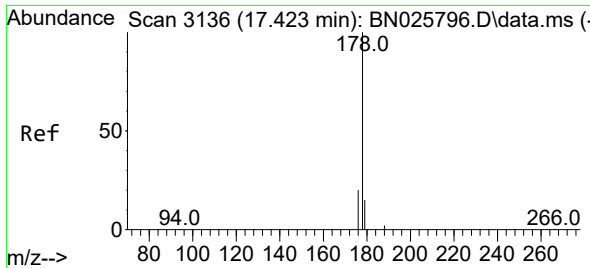
Tgt Ion:153 Resp: 107723
Ion Ratio Lower Upper
153 100
152 48.6 39.5 59.3
154 86.9 68.8 103.2



#12
Fluorene
Concen: 1.692 ng/ul
RT: 15.686 min Scan# 2731
Delta R.T. -0.004 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

Tgt Ion:166 Resp: 115066
Ion Ratio Lower Upper
166 100
165 99.1 79.2 118.8
167 15.1 11.0 16.6

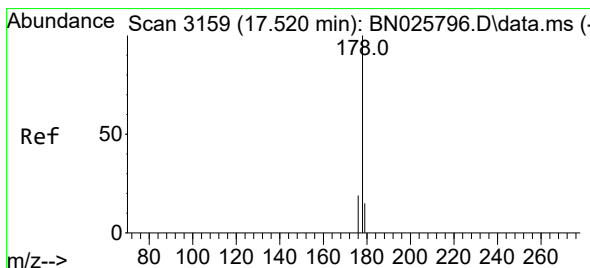
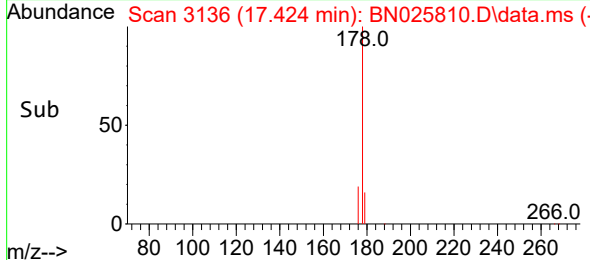
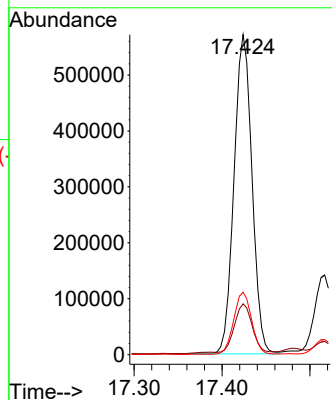
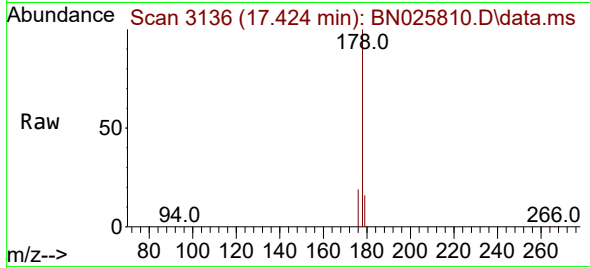




#15
Phenanthrene
Concen: 8.625 ng/ul
RT: 17.424 min Scan# 3136
Delta R.T. -0.007 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

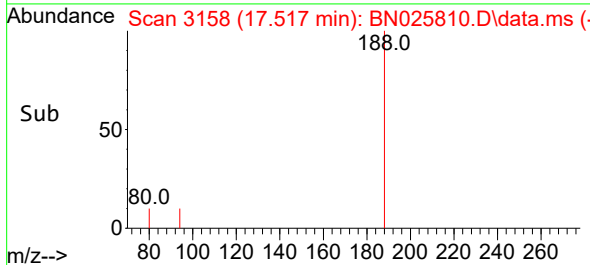
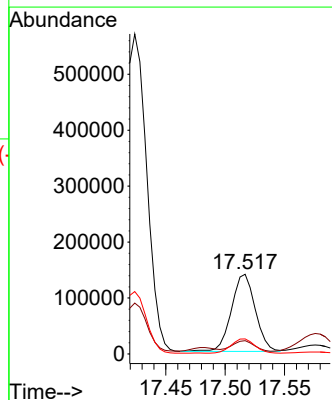
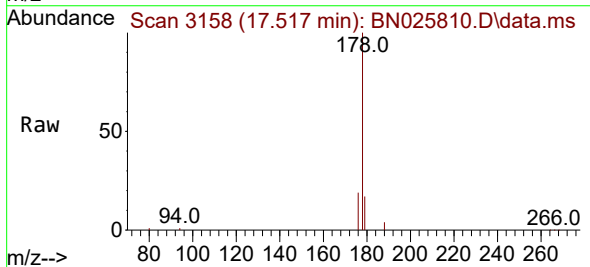
Instrument :
BNA_N
ClientSampleId :
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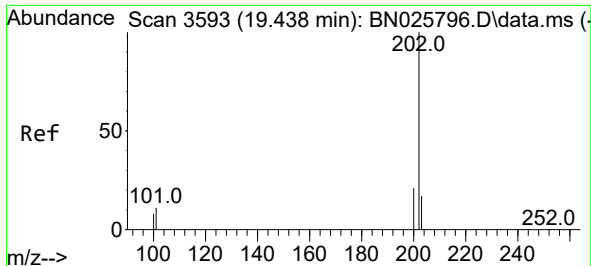
Tgt Ion:178 Resp: 811393
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.5 15.8 23.8



#16
Anthracene
Concen: 2.437 ng/ul
RT: 17.517 min Scan# 3158
Delta R.T. -0.007 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

Tgt Ion:178 Resp: 193604
Ion Ratio Lower Upper
178 100
179 16.6 12.6 19.0
176 18.8 15.4 23.2

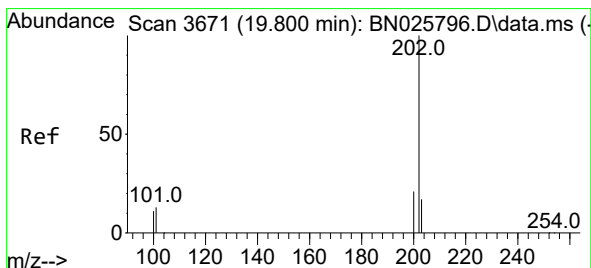
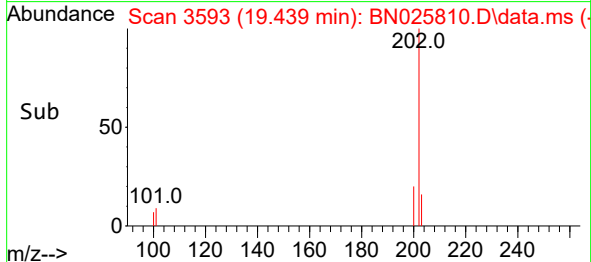
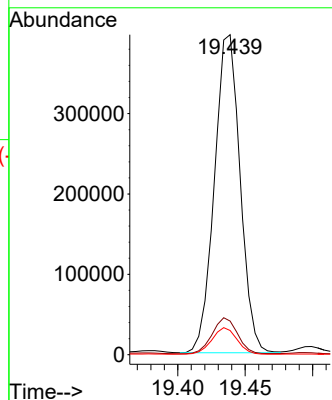
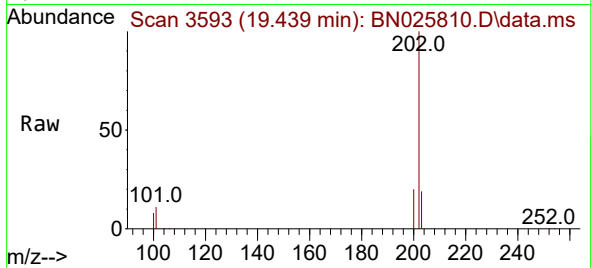




#19
Fluoranthene
Concen: 6.828 ng/ul
RT: 19.439 min Scan# 3593
Delta R.T. -0.003 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

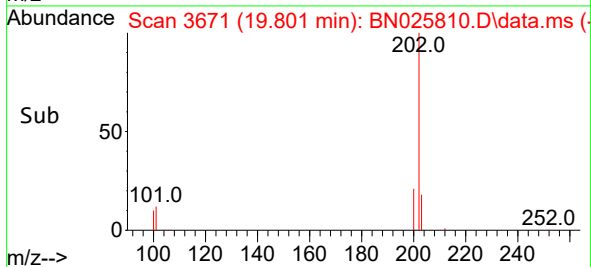
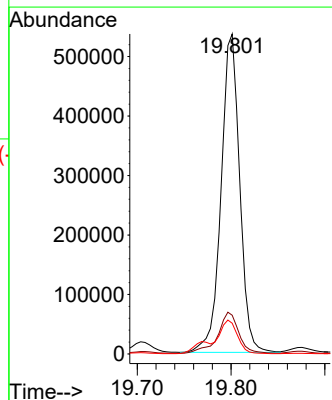
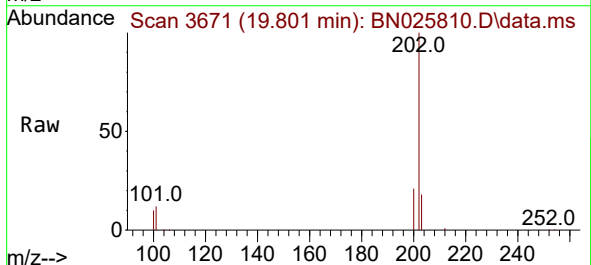
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ClientSampleId :
EW986

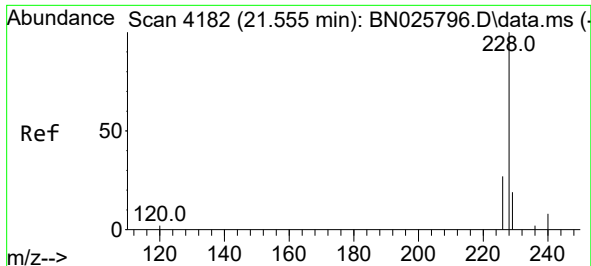
Tgt Ion:202 Resp: 524654
Ion Ratio Lower Upper
202 100
101 10.5 9.1 13.7
100 7.5 7.0 10.6



#20
Pyrene
Concen: 9.274 ng/ul
RT: 19.801 min Scan# 3671
Delta R.T. -0.004 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

Tgt Ion:202 Resp: 737718
Ion Ratio Lower Upper
202 100
101 12.1 10.4 15.6
100 9.6 8.8 13.2

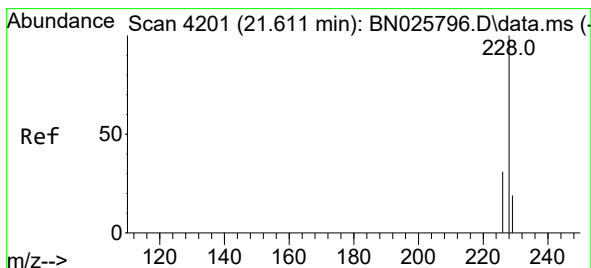
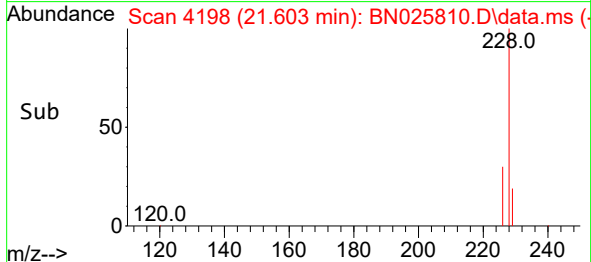
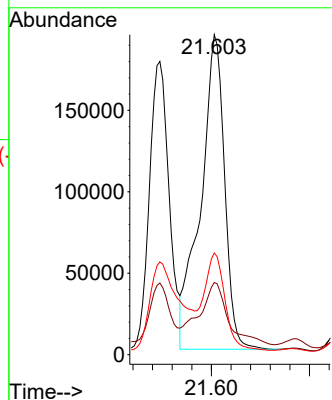
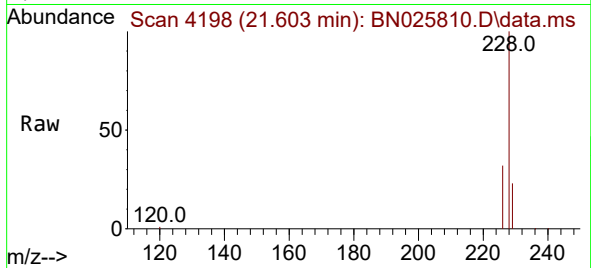




#21
Benzo(a)anthracene
Concen: 6.110 ng/ul
RT: 21.603 min Scan# 4198
Delta R.T. 0.051 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

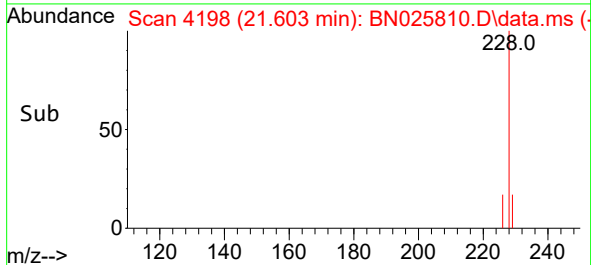
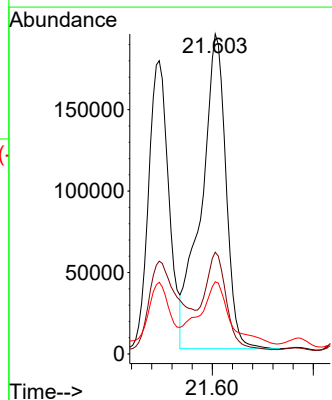
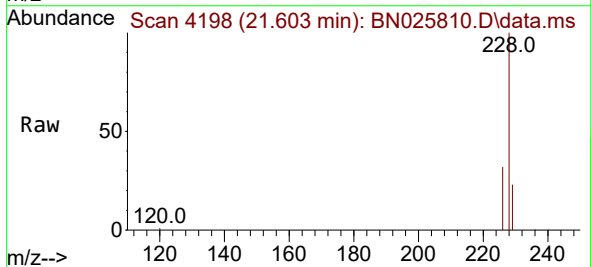
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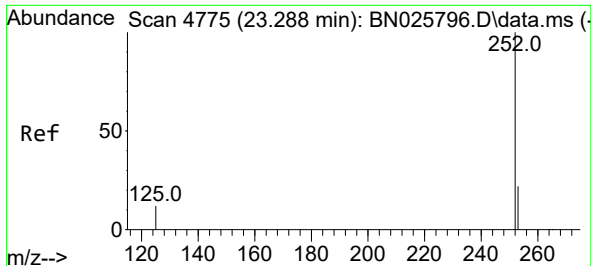
Tgt Ion:228 Resp: 327320
Ion Ratio Lower Upper
228 100
229 22.6 15.5 23.3
226 31.8 22.0 33.0



#22
Chrysene
Concen: 5.350 ng/ul
RT: 21.603 min Scan# 4198
Delta R.T. -0.005 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

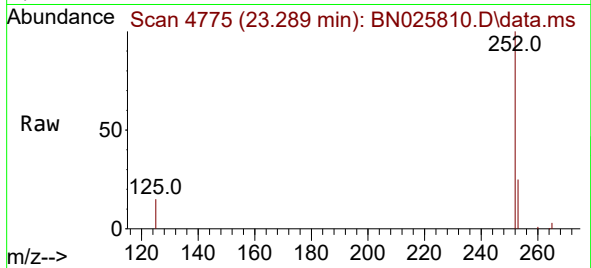
Tgt Ion:228 Resp: 327708
Ion Ratio Lower Upper
228 100
226 31.8 24.7 37.1
229 22.6 15.7 23.5



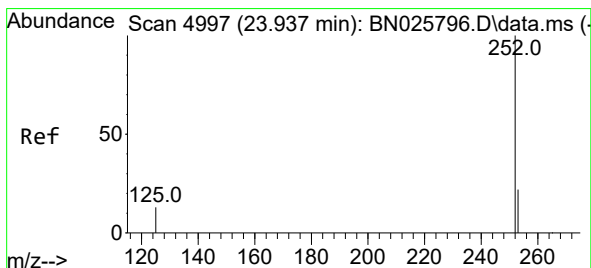
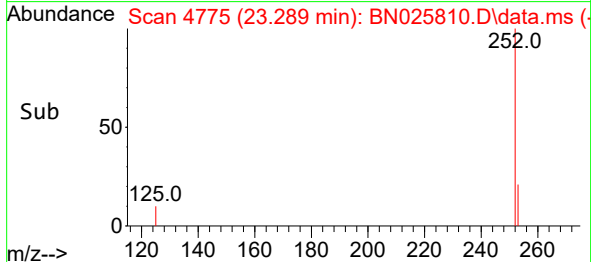
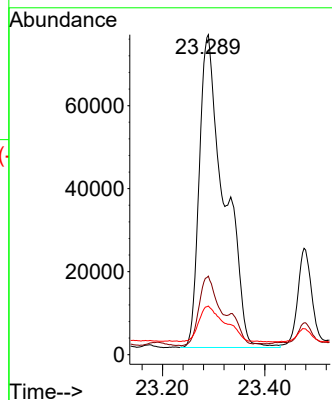


#24
Benzo(b)fluoranthene
Concen: 3.605 ng/ul
RT: 23.289 min Scan# 41
Delta R.T. -0.002 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

Instrument :
BNA_N
ClientSampleId :
EW986

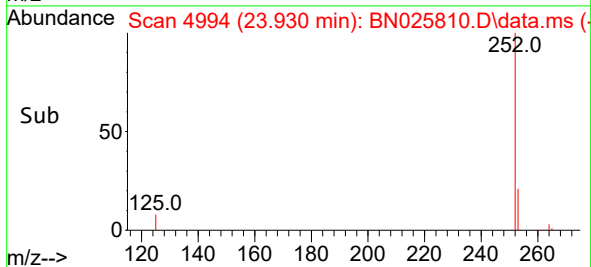
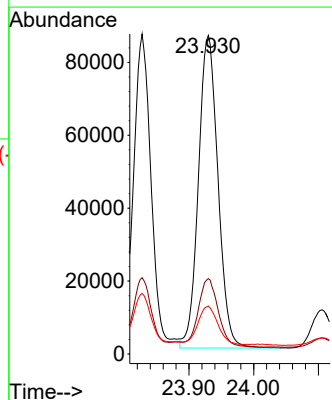
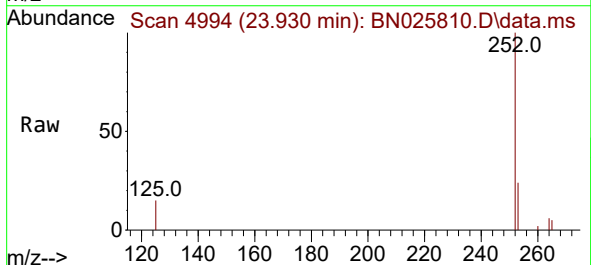


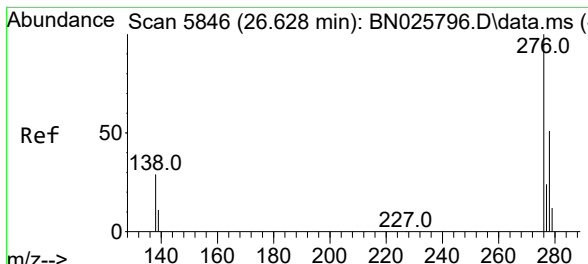
Tgt Ion:252 Resp: 254555
Ion Ratio Lower Upper
252 100
253 24.5 0.0 56.0
125 15.2 0.0 28.0



#26
Benzo(a)pyrene
Concen: 3.009 ng/ul
RT: 23.930 min Scan# 4994
Delta R.T. -0.013 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

Tgt Ion:252 Resp: 180035
Ion Ratio Lower Upper
252 100
253 23.7 25.8 38.8#
125 15.1 13.5 20.3



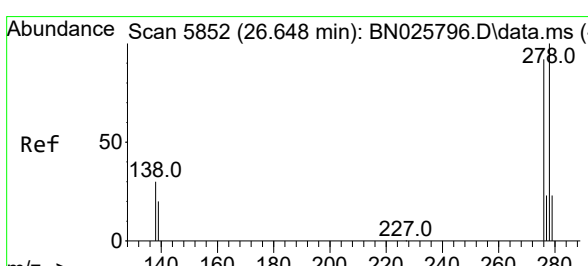
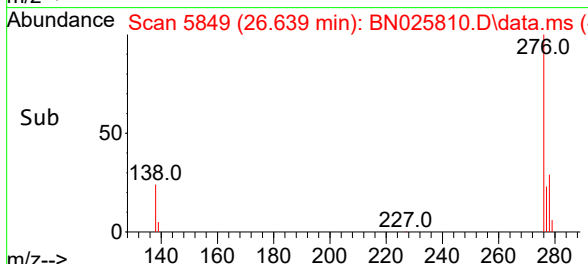
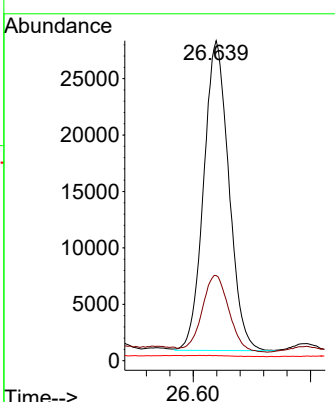
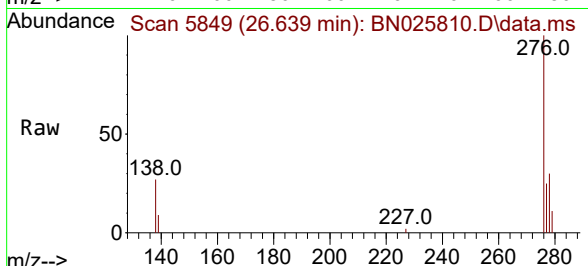


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.200 ng/ul
 RT: 26.639 min Scan# 5849
 Delta R.T. -0.019 min
 Lab File: BN025810.D
 Acq: 13 Jun 2023 17:21

Instrument :
 BNA_N
 ClientSampleId :
 EW986

Tgt Ion: 276 Resp: 81859

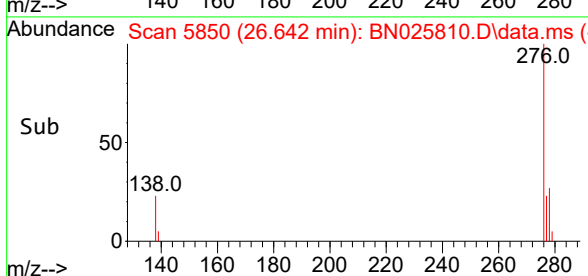
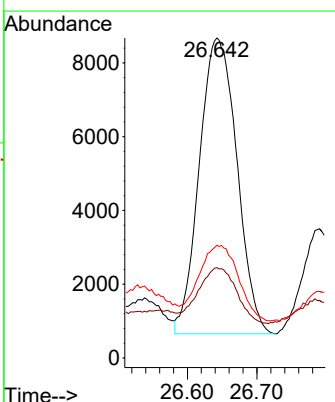
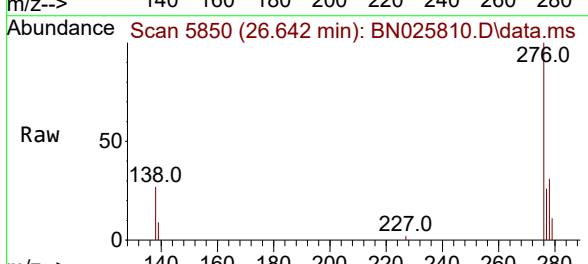
Ion	Ratio	Lower	Upper
276	100		
138	26.6	24.6	36.8
227	0.0	0.0	0.0

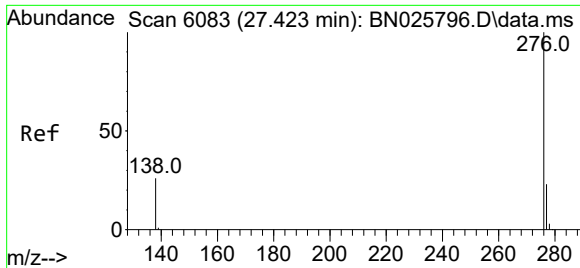


#28
 Dibenzo(a,h)anthracene
 Concen: 0.583 ng/ul
 RT: 26.642 min Scan# 5850
 Delta R.T. -0.043 min
 Lab File: BN025810.D
 Acq: 13 Jun 2023 17:21

Tgt Ion: 278 Resp: 30123

Ion	Ratio	Lower	Upper
278	100		
139	28.2	17.9	26.9#
279	35.2	25.3	37.9





#29
 Benzo(g,h,i)perylene
 Concen: 1.481 ng/ul
 RT: 27.447 min Scan# 6090
 Delta R.T. -0.002 min
 Lab File: BN025810.D
 Acq: 13 Jun 2023 17:21

Instrument :
 BNA_N
 ClientSampleId :
 EW986

Tgt Ion:	276	Resp:	90659
Ion Ratio	Lower	Upper	
276	100		
138	26.3	21.8	32.8
277	24.8	19.4	29.2

