

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025808.D
 Acq On : 13 Jun 2023 16:08
 Operator : MA/JU
 Sample : 02950-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW984

Quant Time: Jun 13 23:17:24 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

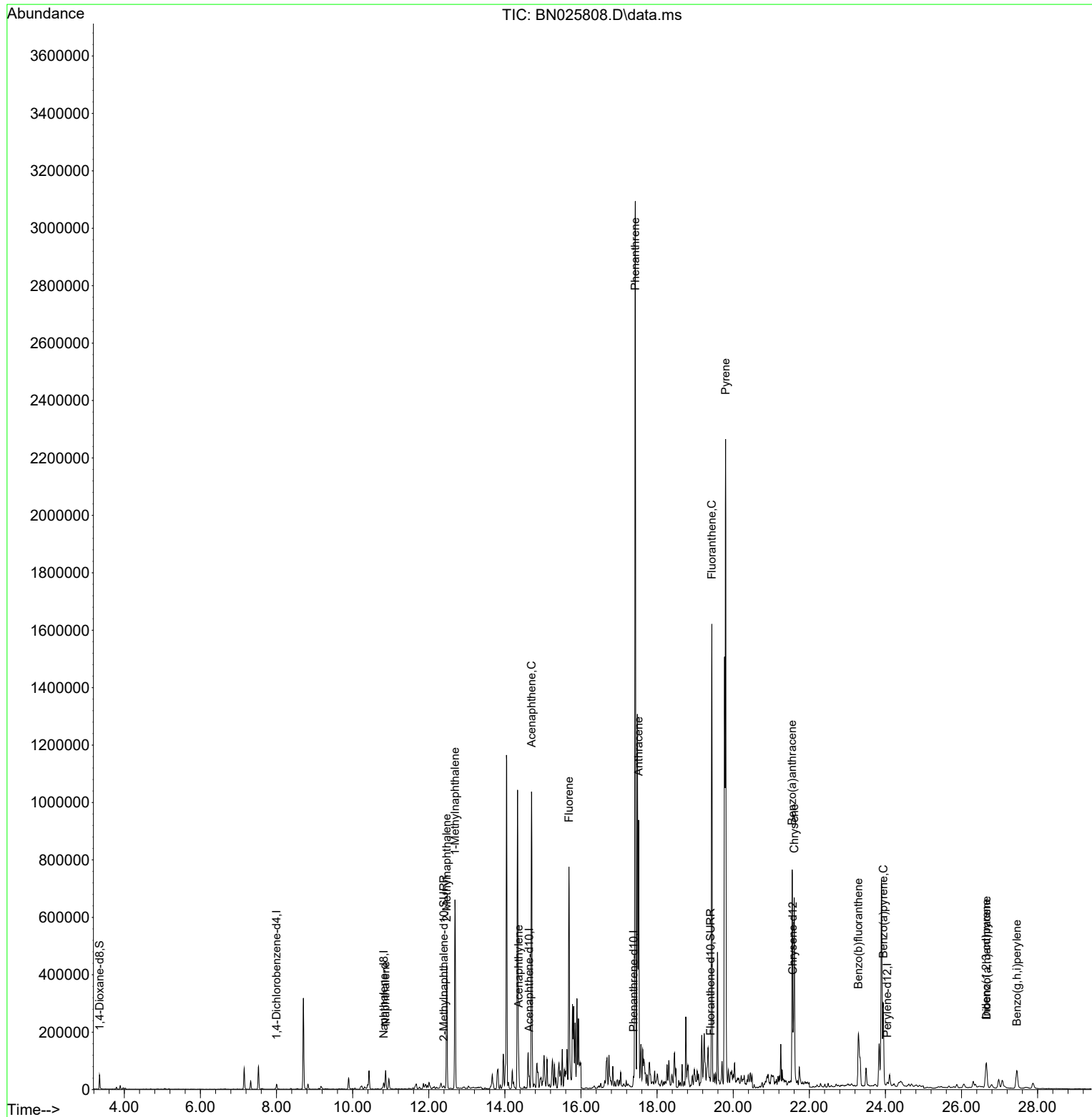
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	9437	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.820	136	29148	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.640	164	21501	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.381	188	32975	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.567	240	16075	0.400	ng/ul	# 0.00
23) Perylene-d12	24.051	264	16019	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	31493	3.394	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.398	152	9245	0.250	ng/ul	-0.01
18) Fluoranthene-d10	19.405	212	17377	0.343	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.864	128	89581	1.208	ng/ul	100
7) 2-Methylnaphthalene	12.475	142	305039	6.837	ng/ul	100
8) 1-Methylnaphthalene	12.689	142	443325	9.033	ng/ul	100
10) Acenaphthylene	14.362	152	117319	1.380	ng/ul#	79
11) Acenaphthene	14.700	153	625800	8.824	ng/ul	99
12) Fluorene	15.685	166	487702	6.174	ng/ul	100
15) Phenanthrene	17.427	178	3363163	34.971	ng/ul	100
16) Anthracene	17.516	178	932261	11.480	ng/ul	99
19) Fluoranthene	19.438	202	1342525	18.258	ng/ul	99
20) Pyrene	19.800	202	1875029	24.634	ng/ul	99
21) Benzo(a)anthracene	21.549	228	623046	12.154	ng/ul	93
22) Chrysene	21.605	228	675737	11.528	ng/ul	97
24) Benzo(b)fluoranthene	23.291	252	467297	7.132	ng/ul	94
26) Benzo(a)pyrene	23.943	252	397724	7.162	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.645	276	139774	2.208	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.658	278	50080	1.045	ng/ul	98
29) Benzo(g,h,i)perylene	27.453	276	137621	2.423	ng/ul	98

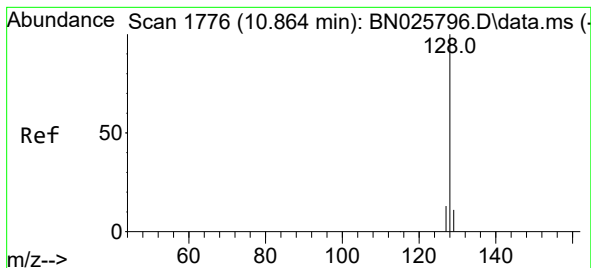
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 1.208 ng/ul

RT: 10.864 min Scan# 1776

Delta R.T. -0.011 min

Lab File: BN025808.D

Acq: 13 Jun 2023 16:08

Instrument :

BNA_N

ClientSampleId :

EW984

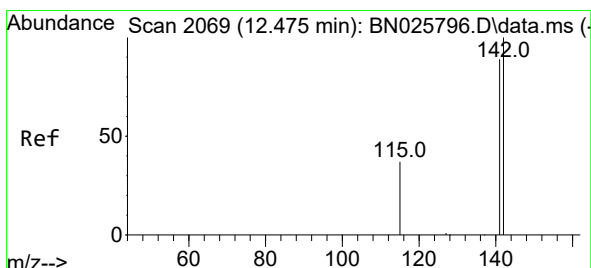
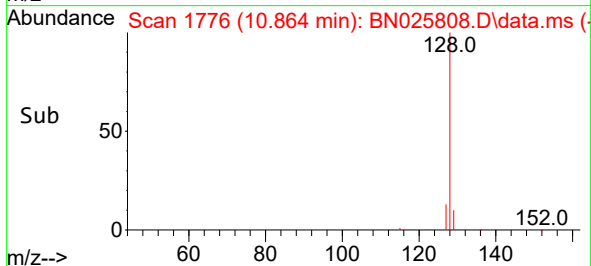
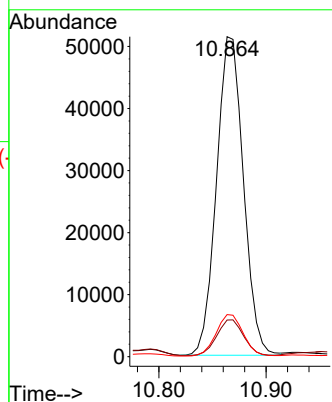
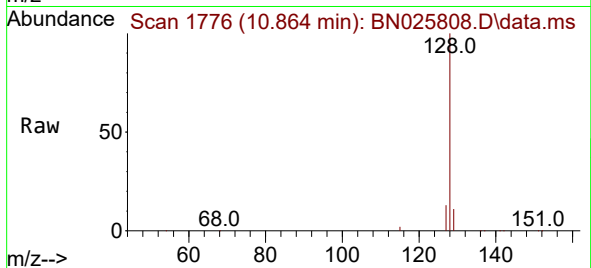
Tgt Ion:128 Resp: 89581

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

127 13.2 10.5 15.7



#7

2-Methylnaphthalene

Concen: 6.837 ng/ul

RT: 12.475 min Scan# 2069

Delta R.T. -0.005 min

Lab File: BN025808.D

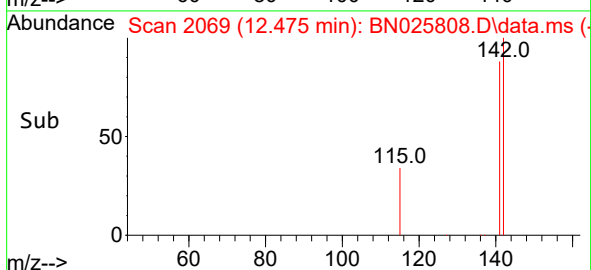
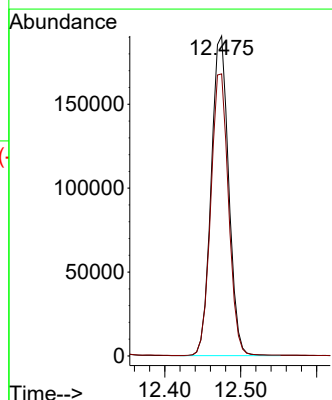
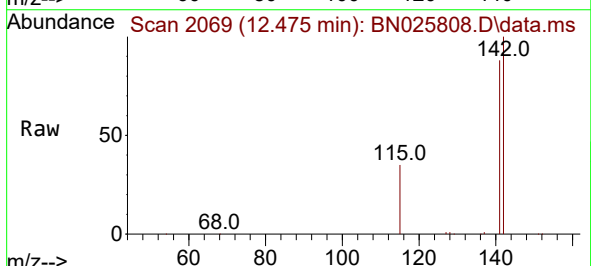
Acq: 13 Jun 2023 16:08

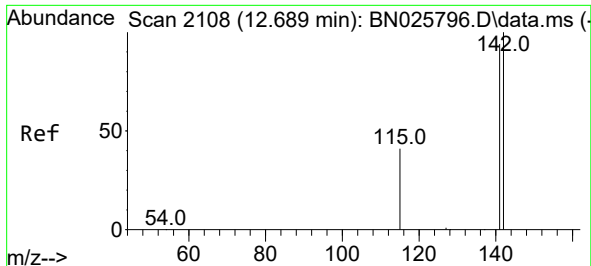
Tgt Ion:142 Resp: 305039

Ion Ratio Lower Upper

142 100

141 89.0 71.4 107.2

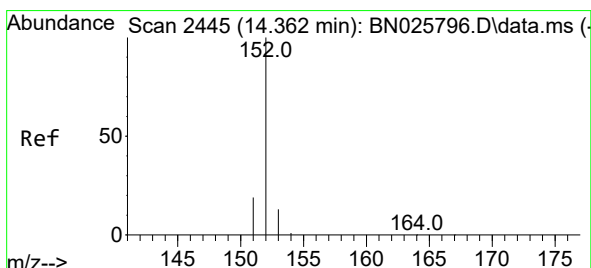
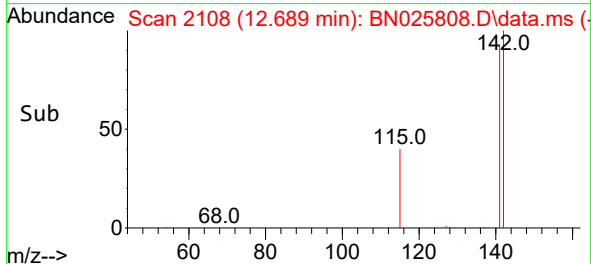
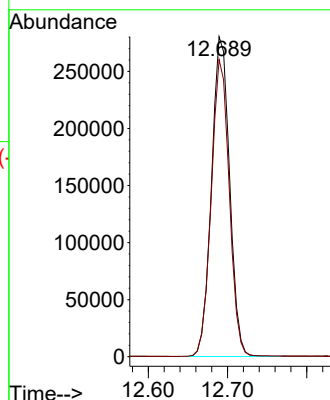
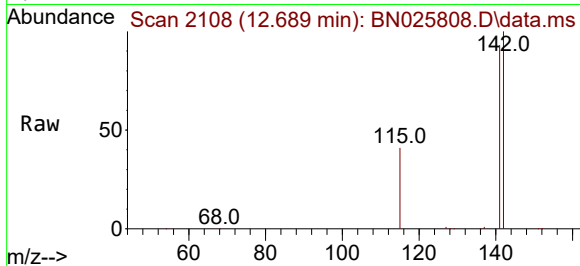




#8
1-Methylnaphthalene
Concen: 9.033 ng/ul
RT: 12.689 min Scan# 2108
Delta R.T. -0.011 min
Lab File: BN025808.D
Acq: 13 Jun 2023 16:08

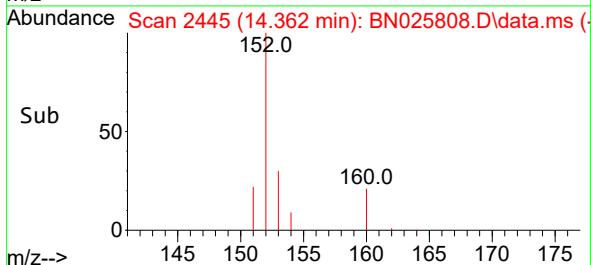
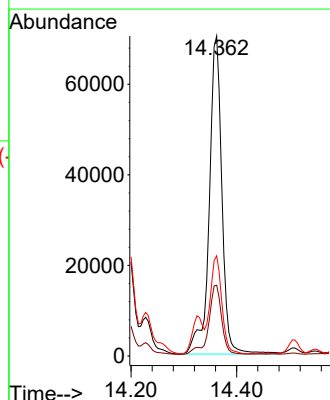
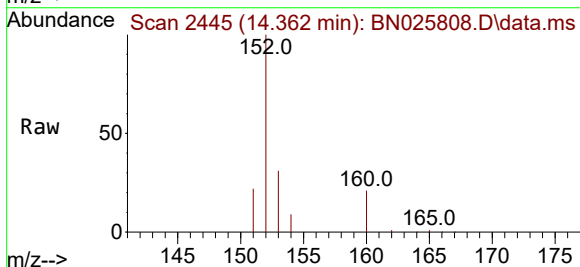
Instrument :
BNA_N
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EW984

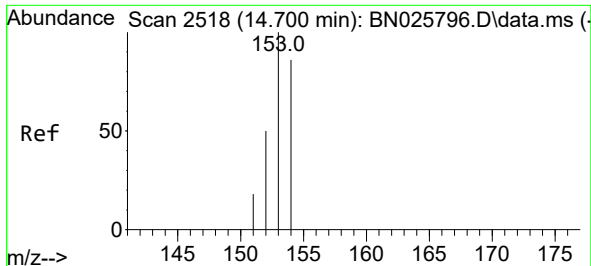
Tgt Ion:142 Resp: 443325
Ion Ratio Lower Upper
142 100
141 92.4 74.0 111.0



#10
Acenaphthylene
Concen: 1.380 ng/ul
RT: 14.362 min Scan# 2445
Delta R.T. -0.004 min
Lab File: BN025808.D
Acq: 13 Jun 2023 16:08

Tgt Ion:152 Resp: 117319
Ion Ratio Lower Upper
152 100
151 22.1 16.0 24.0
153 31.3 10.7 16.1#

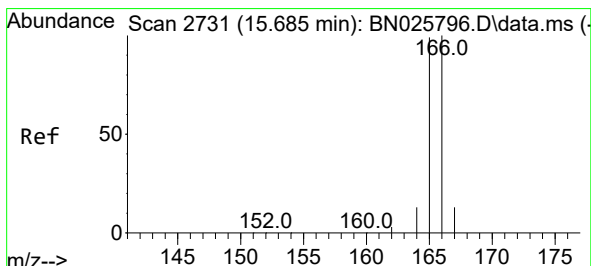
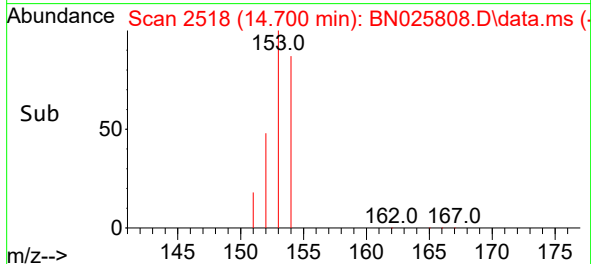
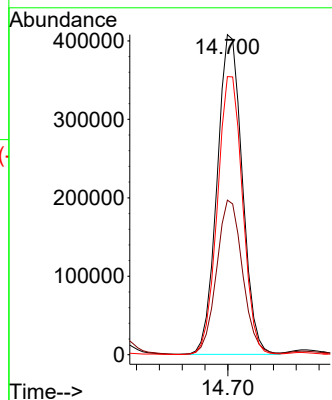
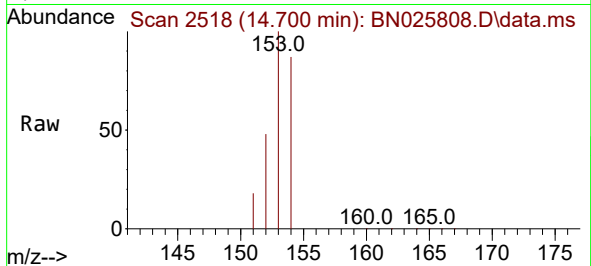




#11
Acenaphthene
Concen: 8.824 ng/ul
RT: 14.700 min Scan# 2518
Delta R.T. -0.004 min
Lab File: BN025808.D
Acq: 13 Jun 2023 16:08

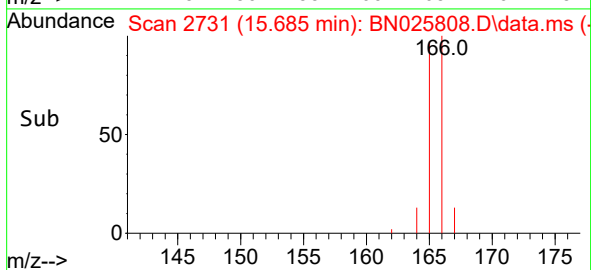
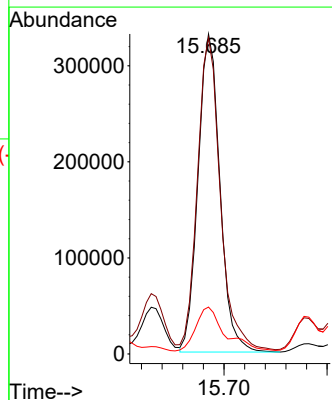
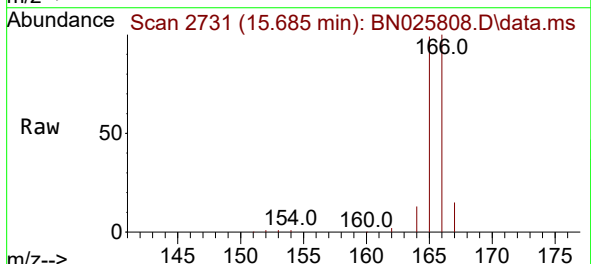
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BNA_N
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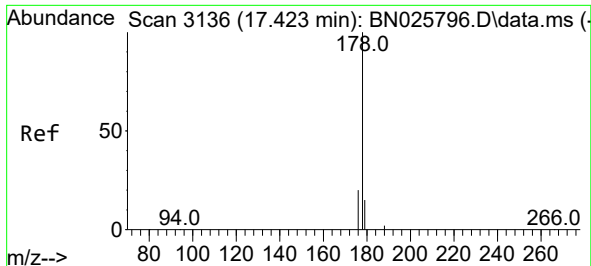
Tgt Ion:153 Resp: 625800
Ion Ratio Lower Upper
153 100
152 48.3 39.5 59.3
154 86.9 68.8 103.2



#12
Fluorene
Concen: 6.174 ng/ul
RT: 15.685 min Scan# 2731
Delta R.T. -0.005 min
Lab File: BN025808.D
Acq: 13 Jun 2023 16:08

Tgt Ion:166 Resp: 487702
Ion Ratio Lower Upper
166 100
165 98.8 79.2 118.8
167 14.6 11.0 16.6

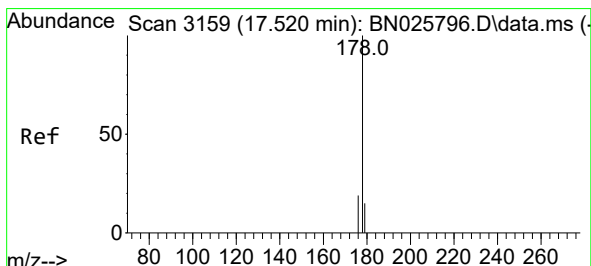
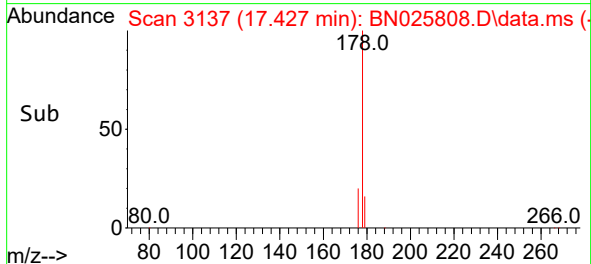
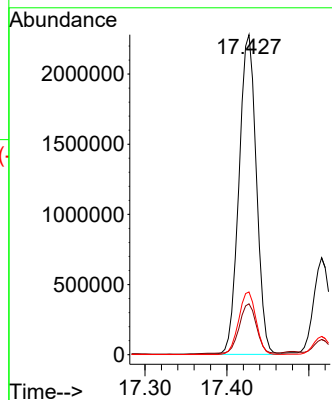
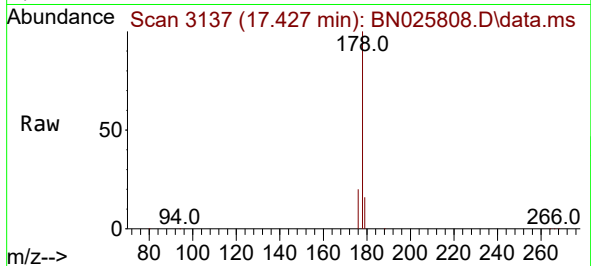




#15
 Phenanthrene
 Concen: 34.971 ng/ul
 RT: 17.427 min Scan# 3136
 Delta R.T. -0.004 min
 Lab File: BN025808.D
 Acq: 13 Jun 2023 16:08

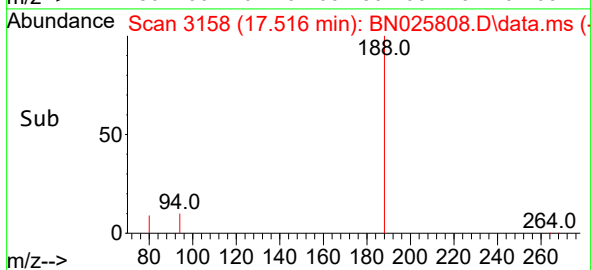
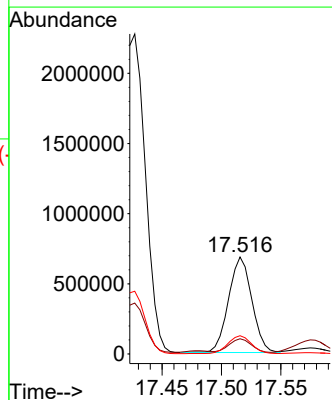
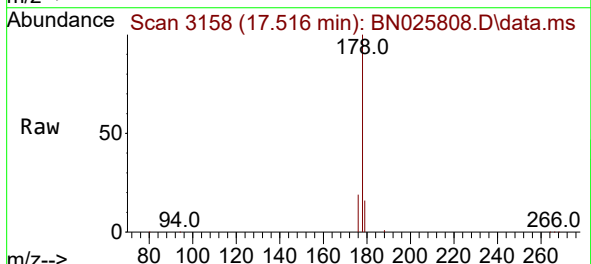
Instrument :
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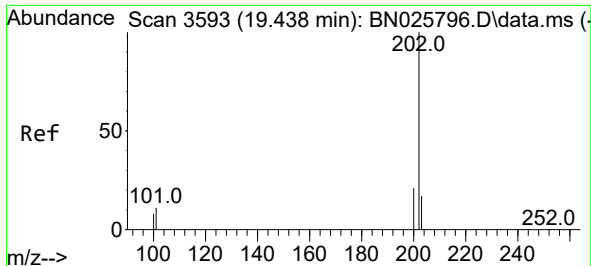
Tgt Ion:178 Resp: 3363163
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.6 18.8
 176 19.6 15.8 23.8



#16
 Anthracene
 Concen: 11.480 ng/ul
 RT: 17.516 min Scan# 3158
 Delta R.T. -0.008 min
 Lab File: BN025808.D
 Acq: 13 Jun 2023 16:08

Tgt Ion:178 Resp: 932261
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.6 19.0
 176 18.8 15.4 23.2

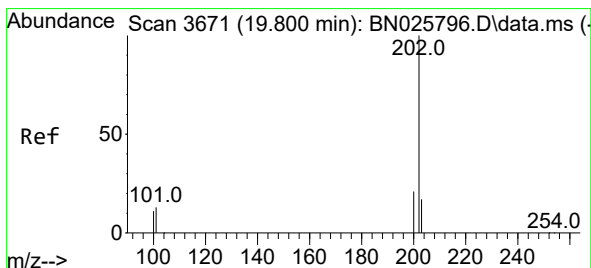
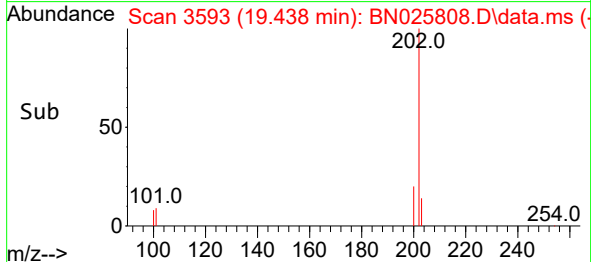
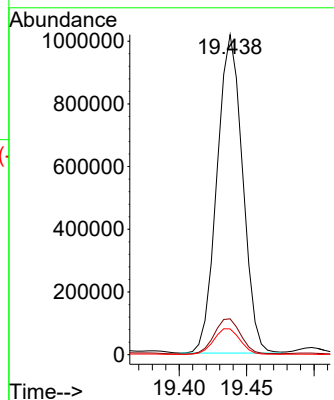
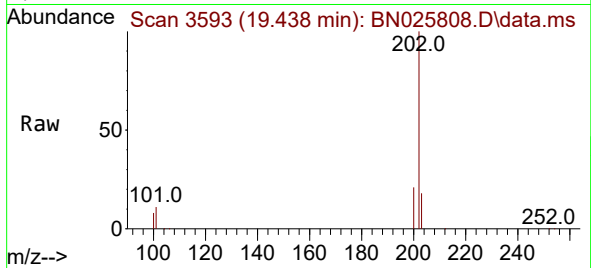




#19
Fluoranthene
Concen: 18.258 ng/ul
RT: 19.438 min Scan# 3593
Delta R.T. -0.004 min
Lab File: BN025808.D
Acq: 13 Jun 2023 16:08

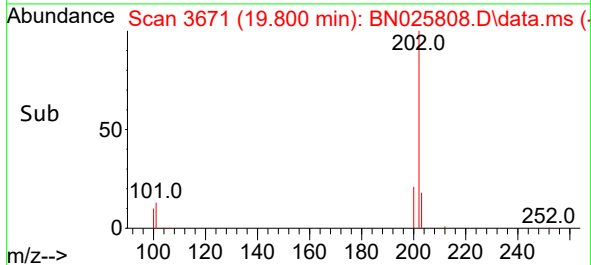
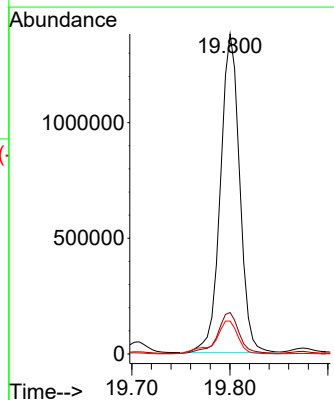
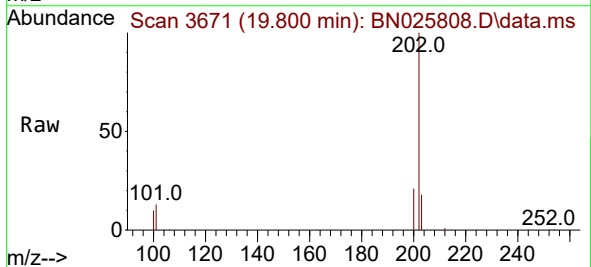
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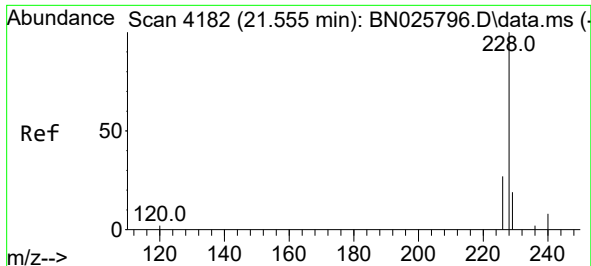
Tgt Ion:202 Resp: 1342525
Ion Ratio Lower Upper
202 100
101 11.2 9.1 13.7
100 8.1 7.0 10.6



#20
Pyrene
Concen: 24.634 ng/ul
RT: 19.800 min Scan# 3671
Delta R.T. -0.005 min
Lab File: BN025808.D
Acq: 13 Jun 2023 16:08

Tgt Ion:202 Resp: 1875029
Ion Ratio Lower Upper
202 100
101 13.0 10.4 15.6
100 10.3 8.8 13.2

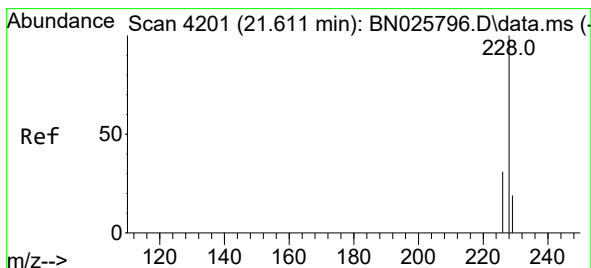
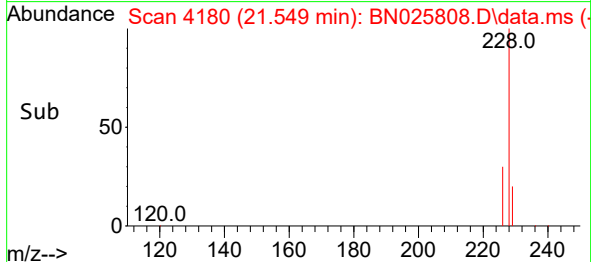
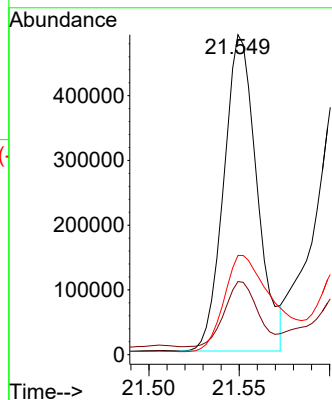
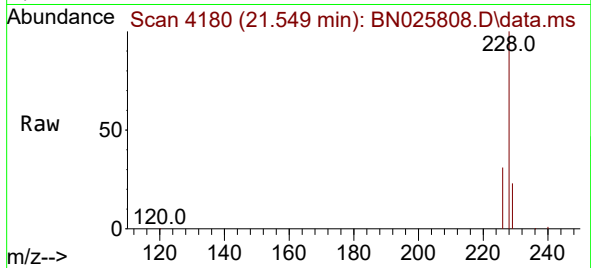




#21
Benzo(a)anthracene
Concen: 12.154 ng/ul
RT: 21.549 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BN025808.D
Acq: 13 Jun 2023 16:08

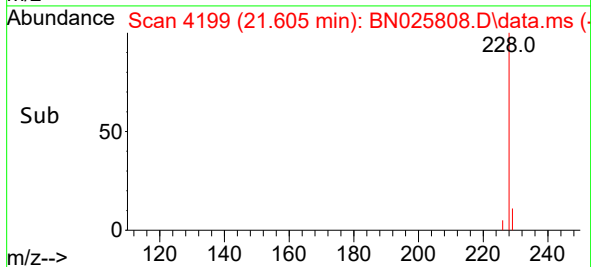
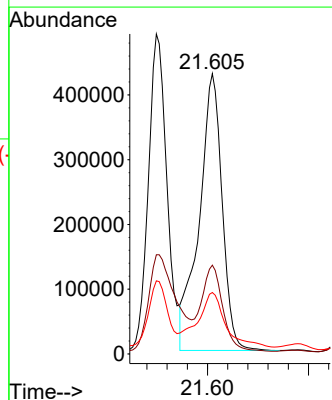
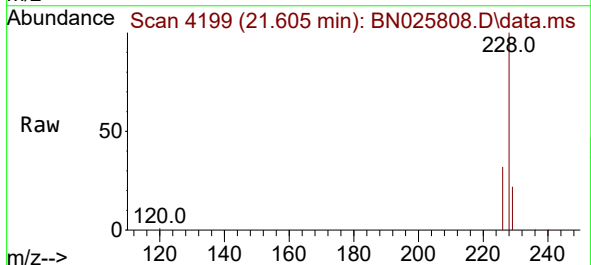
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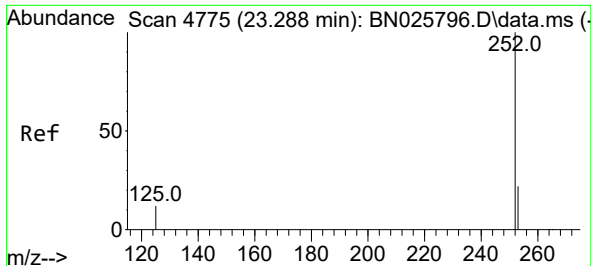
Tgt Ion:228 Resp: 623046
Ion Ratio Lower Upper
228 100
229 22.9 15.5 23.3
226 31.0 22.0 33.0



#22
Chrysene
Concen: 11.528 ng/ul
RT: 21.605 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BN025808.D
Acq: 13 Jun 2023 16:08

Tgt Ion:228 Resp: 675737
Ion Ratio Lower Upper
228 100
226 31.7 24.7 37.1
229 21.9 15.7 23.5

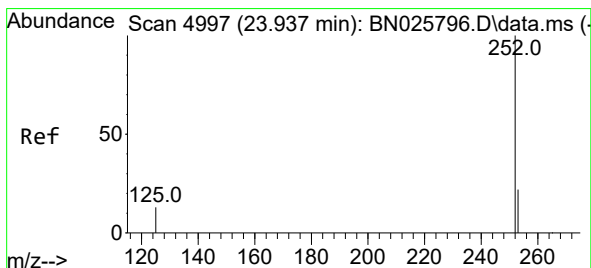
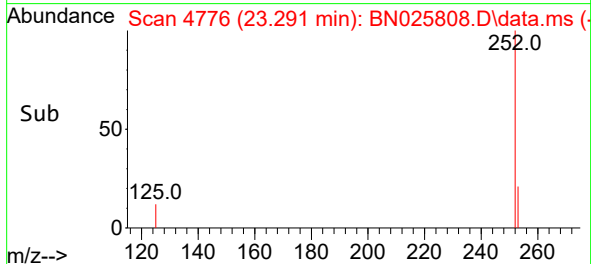
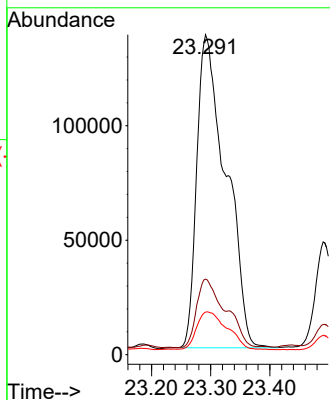
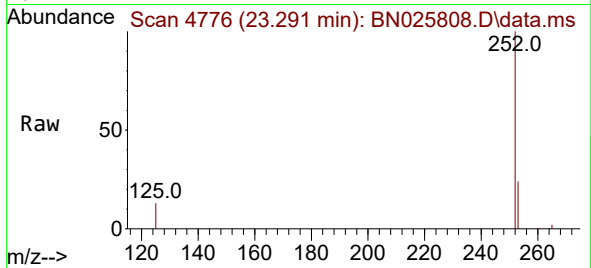




#24
Benzo(b)fluoranthene
Concen: 7.132 ng/ul
RT: 23.291 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN025808.D
Acq: 13 Jun 2023 16:08

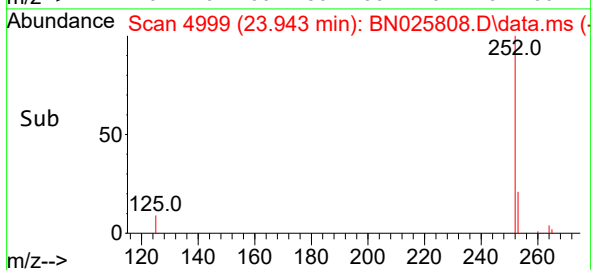
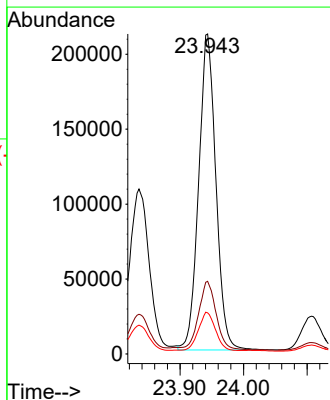
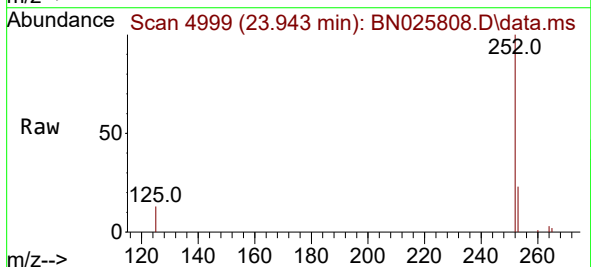
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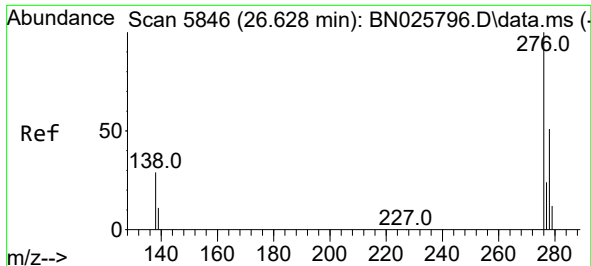
Tgt Ion:252 Resp: 467297
Ion Ratio Lower Upper
252 100
253 23.6 0.0 56.0
125 13.3 0.0 28.0



#26
Benzo(a)pyrene
Concen: 7.162 ng/ul
RT: 23.943 min Scan# 4999
Delta R.T. 0.000 min
Lab File: BN025808.D
Acq: 13 Jun 2023 16:08

Tgt Ion:252 Resp: 397724
Ion Ratio Lower Upper
252 100
253 22.7 25.8 38.8#
125 12.9 13.5 20.3#

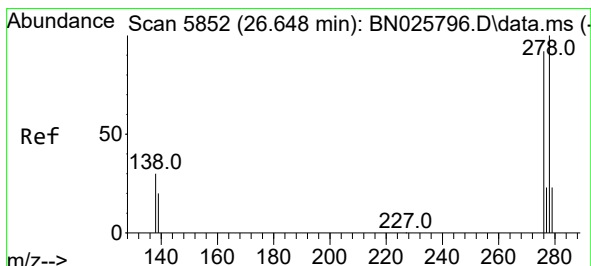
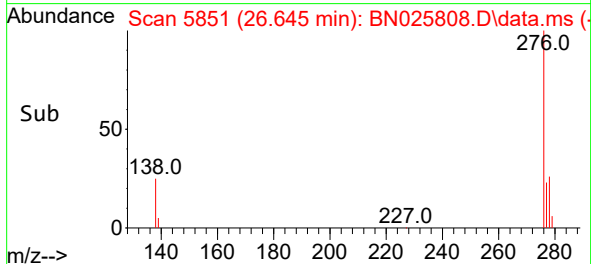
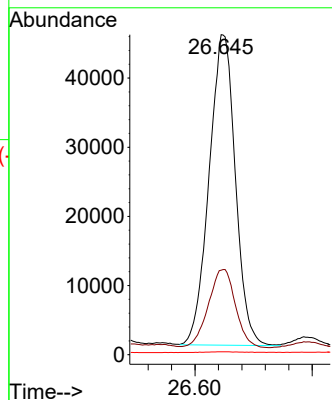
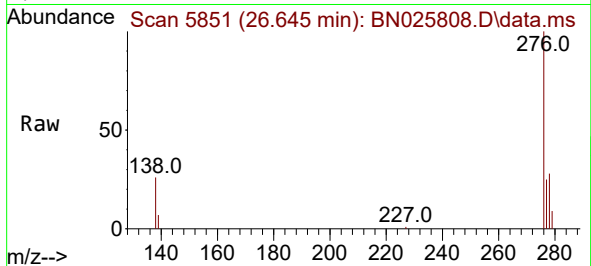




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.208 ng/ul
 RT: 26.645 min Scan# 5851
 Delta R.T. -0.013 min
 Lab File: BN025808.D
 Acq: 13 Jun 2023 16:08

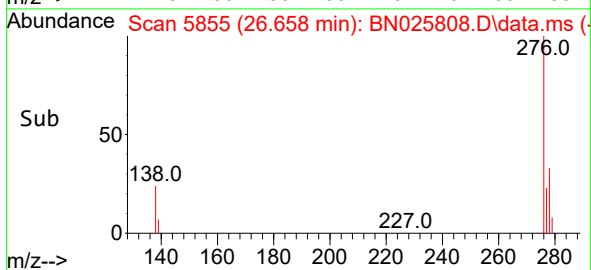
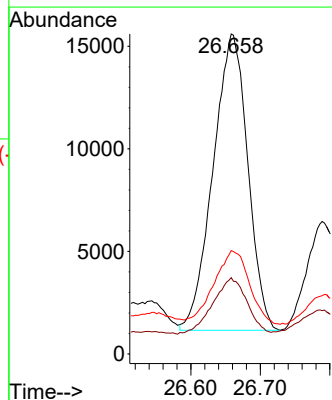
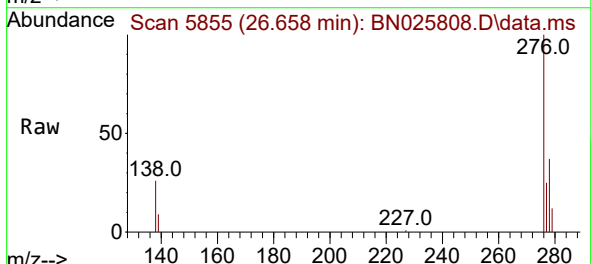
Instrument :
 BNA_N
 ClientSampleId :
 EW984

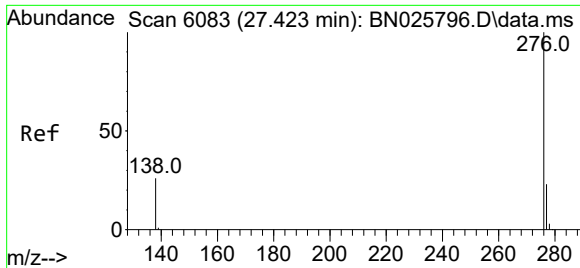
Tgt Ion:276 Resp: 139774
 Ion Ratio Lower Upper
 276 100
 138 26.1 24.6 36.8
 227 0.3 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 1.045 ng/ul
 RT: 26.658 min Scan# 5855
 Delta R.T. -0.027 min
 Lab File: BN025808.D
 Acq: 13 Jun 2023 16:08

Tgt Ion:278 Resp: 50080
 Ion Ratio Lower Upper
 278 100
 139 23.8 17.9 26.9
 279 32.3 25.3 37.9





#29
Benzo(g,h,i)perylene
Concen: 2.423 ng/ul
RT: 27.453 min Scan# 6092
Delta R.T. 0.004 min
Lab File: BN025808.D
Acq: 13 Jun 2023 16:08

Instrument :
BNA_N
ClientSampleId :
EW984

Tgt Ion:276 Resp: 137621
Ion Ratio Lower Upper
276 100
138 26.3 21.8 32.8
277 25.1 19.4 29.2

