

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025805.D
 Acq On : 13 Jun 2023 14:19
 Operator : MA/JU
 Sample : 02950-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW979

Quant Time: Jun 13 23:16:53 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

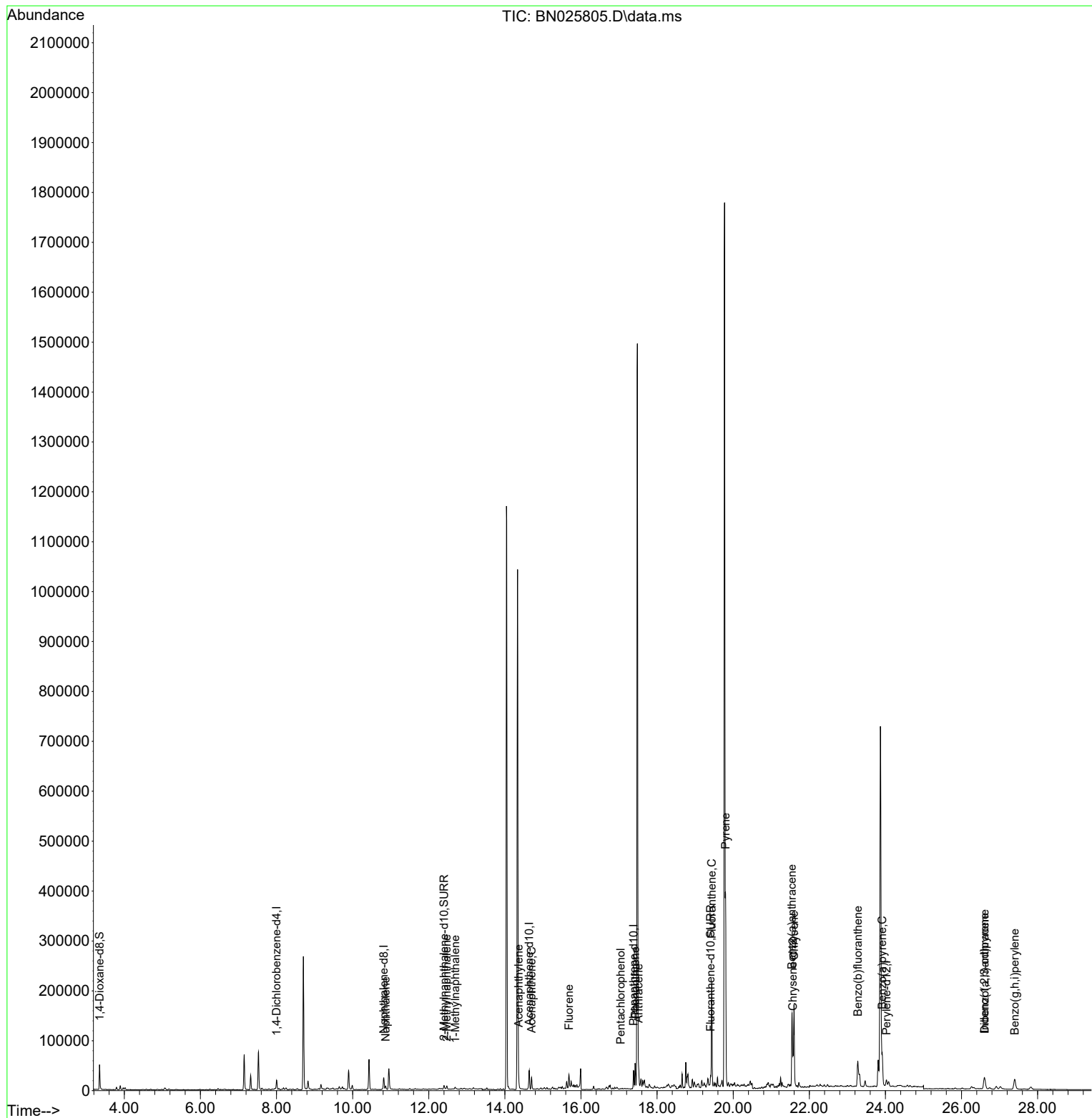
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	10210	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.814	136	32010	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.640	164	20123	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.381	188	41316	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.564	240	22026	0.400	ng/ul	# 0.00
23) Perylene-d12	24.028	264	19460	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	32095	3.197	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.404	152	9403	0.232	ng/ul	0.00
18) Fluoranthene-d10	19.405	212	21749	0.313	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.869	128	9830	0.121	ng/ul#	95
7) 2-Methylnaphthalene	12.475	142	4469	0.091	ng/ul	94
8) 1-Methylnaphthalene	12.695	142	2501	0.046	ng/ul	91
10) Acenaphthylene	14.362	152	22028	0.277	ng/ul#	94
11) Acenaphthene	14.700	153	14324	0.216	ng/ul	98
12) Fluorene	15.685	166	18879	0.255	ng/ul#	97
14) Pentachlorophenol	17.043	266	109	0.025	ng/ul#	82
15) Phenanthrene	17.423	178	52229	0.433	ng/ul	97
16) Anthracene	17.516	178	32958	0.324	ng/ul#	96
19) Fluoranthene	19.438	202	177559	1.762	ng/ul	99
20) Pyrene	19.800	202	312491	2.996	ng/ul	99
21) Benzo(a)anthracene	21.544	228	126485	1.801	ng/ul	93
22) Chrysene	21.599	228	182571	2.273	ng/ul	96
24) Benzo(b)fluoranthene	23.274	252	123756	1.555	ng/ul	93
26) Benzo(a)pyrene	23.917	252	88044	1.305	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.601	276	40585	0.528	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.608	278	13586	0.233	ng/ul#	83
29) Benzo(g,h,i)perylene	27.396	276	46116	0.668	ng/ul	99

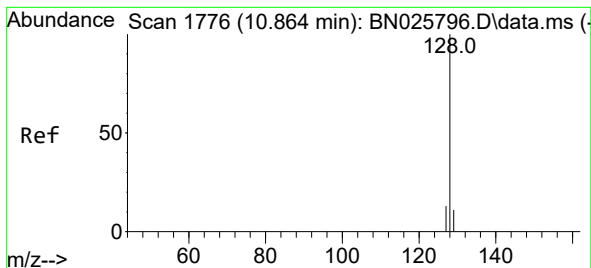
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 13 23:16:53 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
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#5

Naphthalene

Concen: 0.121 ng/ul

RT: 10.869 min Scan# 1777

Delta R.T. -0.006 min

Lab File: BN025805.D

Acq: 13 Jun 2023 14:19

Instrument :

BNA_N

ClientSampleId :

EW979

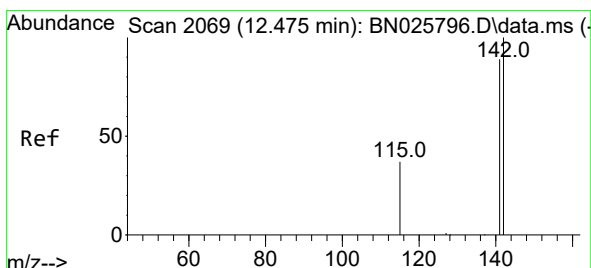
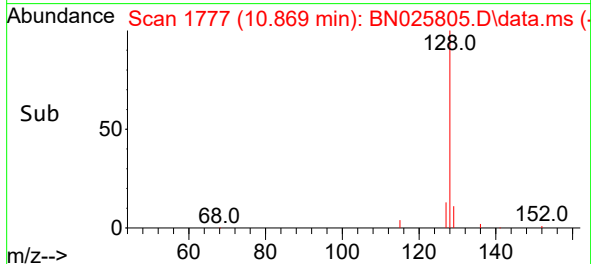
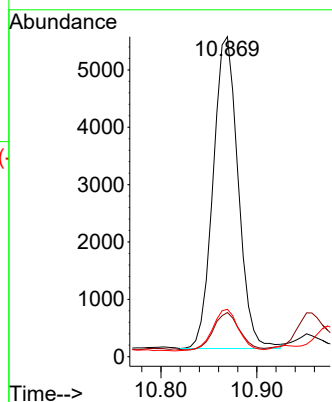
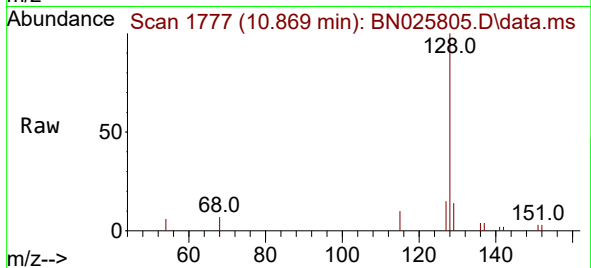
Tgt Ion:128 Resp: 9830

Ion Ratio Lower Upper

128 100

129 13.8 9.1 13.7#

127 14.8 10.5 15.7



#7

2-Methylnaphthalene

Concen: 0.091 ng/ul

RT: 12.475 min Scan# 2069

Delta R.T. -0.005 min

Lab File: BN025805.D

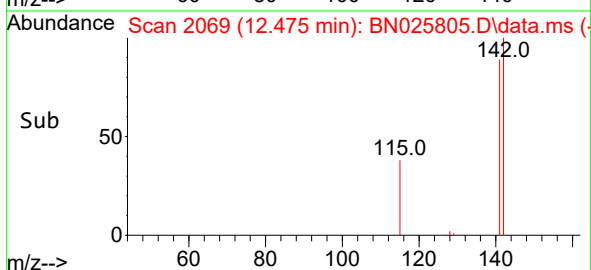
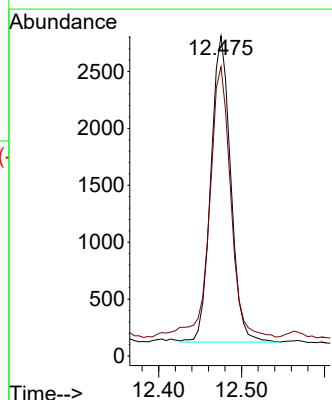
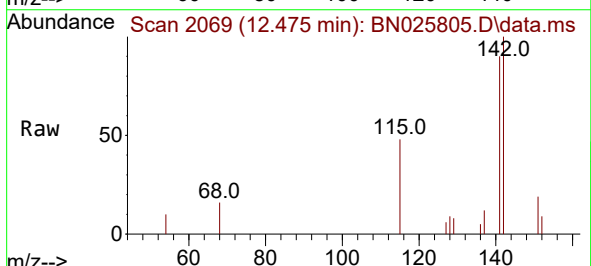
Acq: 13 Jun 2023 14:19

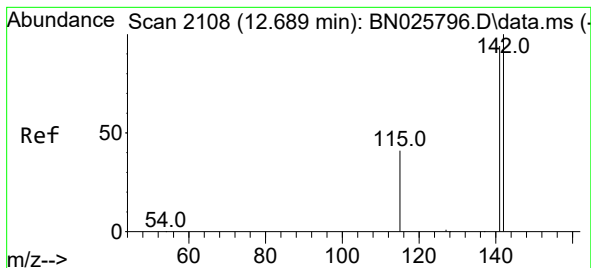
Tgt Ion:142 Resp: 4469

Ion Ratio Lower Upper

142 100

141 94.6 71.4 107.2





#8

1-Methylnaphthalene

Concen: 0.046 ng/ul

RT: 12.695 min Scan# 2109

Delta R.T. -0.005 min

Lab File: BN025805.D

Acq: 13 Jun 2023 14:19

Instrument :

BNA_N

ClientSampleId :

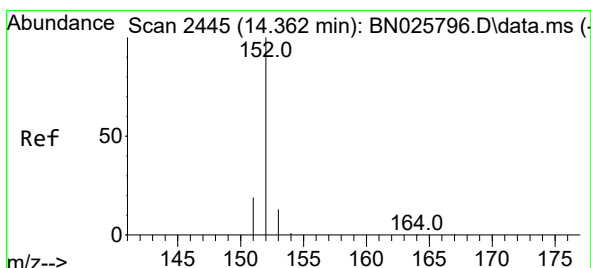
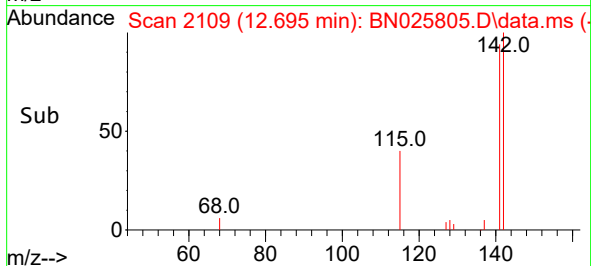
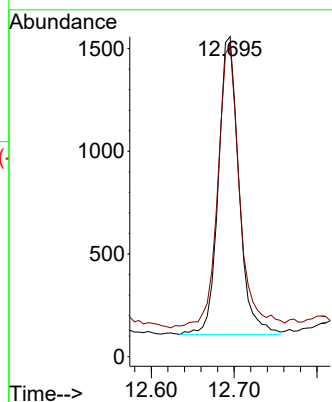
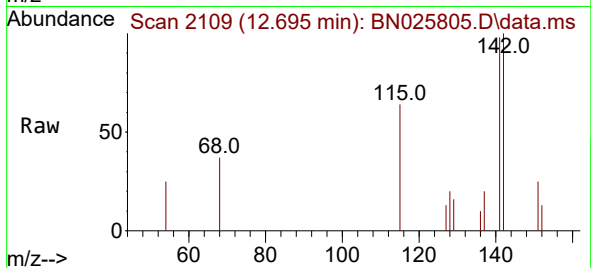
EW979

Tgt Ion:142 Resp: 2501

Ion Ratio Lower Upper

142 100

141 101.4 74.0 111.0



#10

Acenaphthylene

Concen: 0.277 ng/ul

RT: 14.362 min Scan# 2445

Delta R.T. -0.004 min

Lab File: BN025805.D

Acq: 13 Jun 2023 14:19

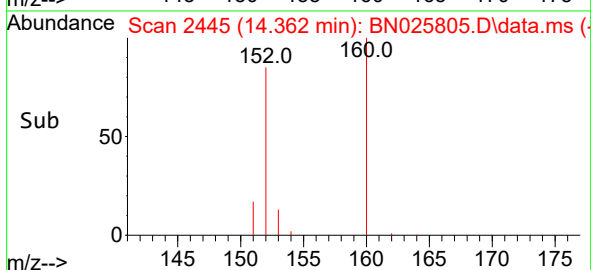
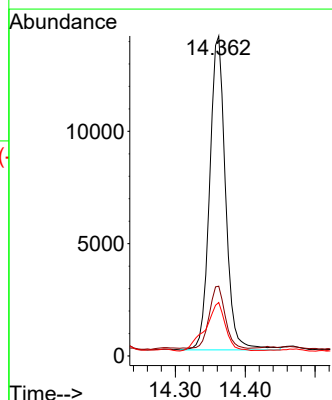
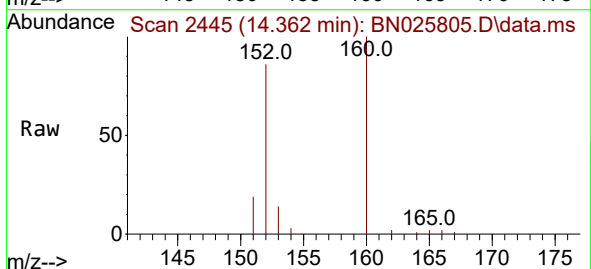
Tgt Ion:152 Resp: 22028

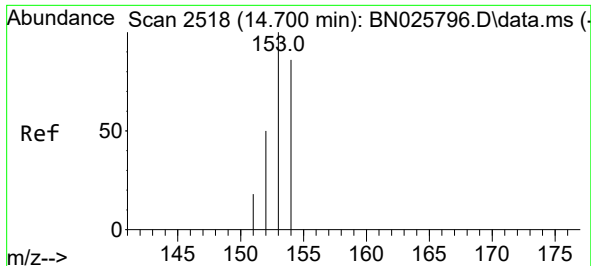
Ion Ratio Lower Upper

152 100

151 21.8 16.0 24.0

153 16.7 10.7 16.1#

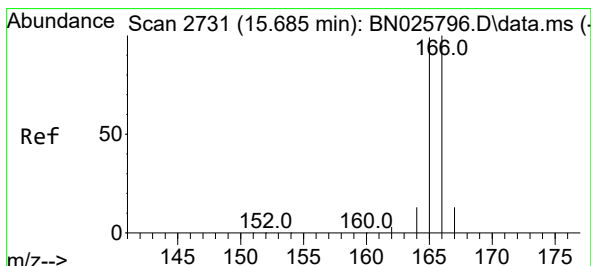
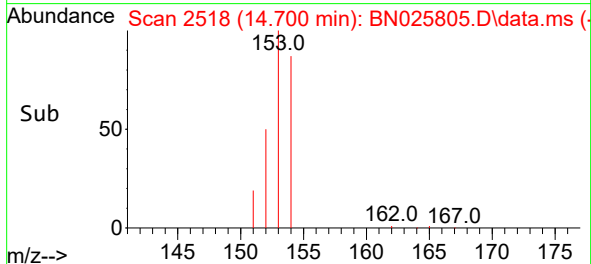
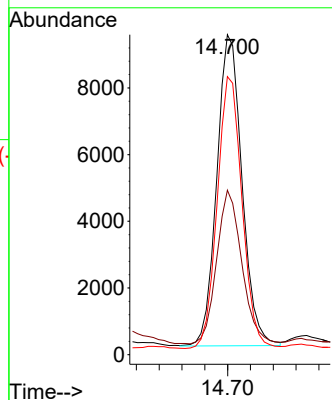
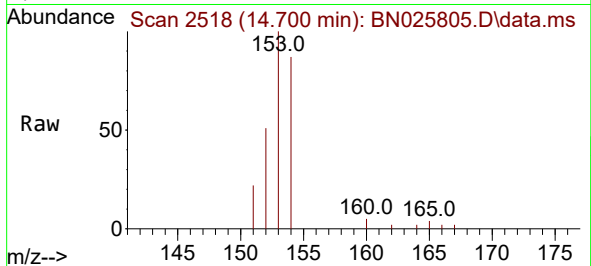




#11
Acenaphthene
Concen: 0.216 ng/ul
RT: 14.700 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BN025805.D
Acq: 13 Jun 2023 14:19

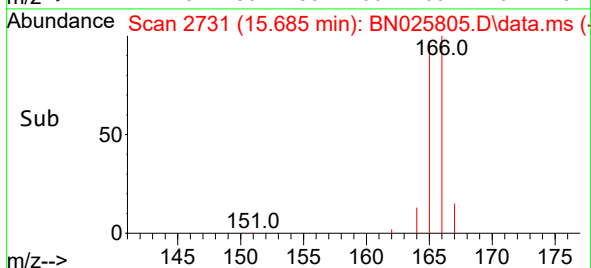
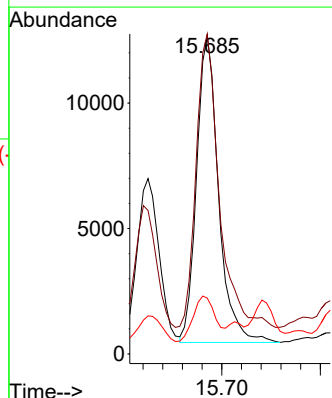
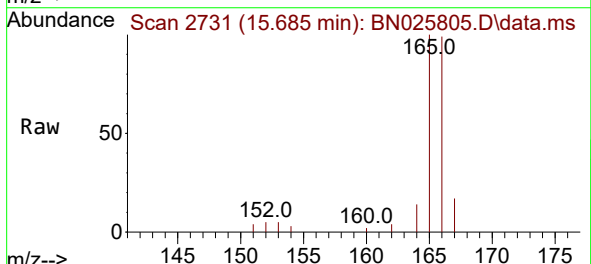
Instrument :
BNA_N
ClientSampleId :
EW979

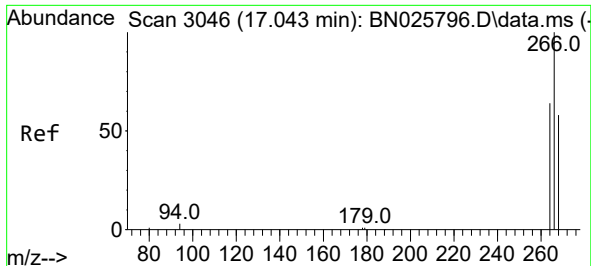
Tgt Ion:153 Resp: 14324
Ion Ratio Lower Upper
153 100
152 51.4 39.5 59.3
154 86.9 68.8 103.2



#12
Fluorene
Concen: 0.255 ng/ul
RT: 15.685 min Scan# 2731
Delta R.T. -0.005 min
Lab File: BN025805.D
Acq: 13 Jun 2023 14:19

Tgt Ion:166 Resp: 18879
Ion Ratio Lower Upper
166 100
165 100.6 79.2 118.8
167 17.6 11.0 16.6#

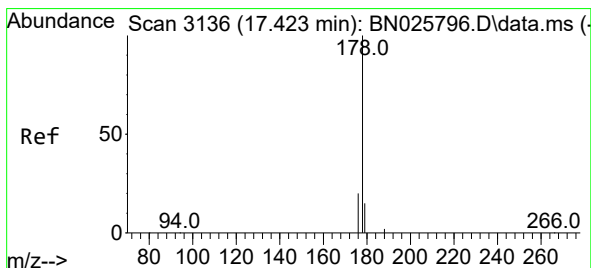
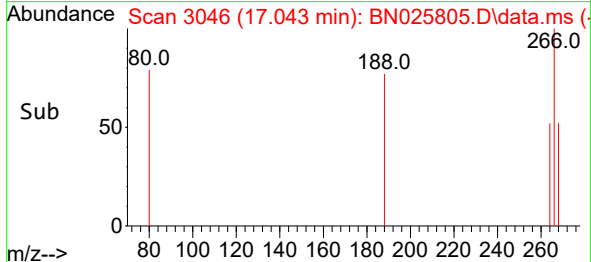
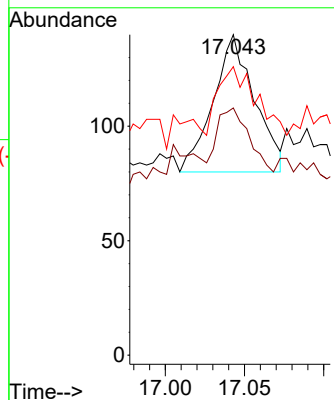
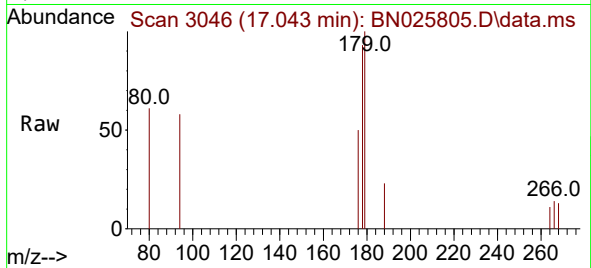




#14
 Pentachlorophenol
 Concen: 0.025 ng/ul
 RT: 17.043 min Scan# 3046
 Delta R.T. -0.012 min
 Lab File: BN025805.D
 Acq: 13 Jun 2023 14:19

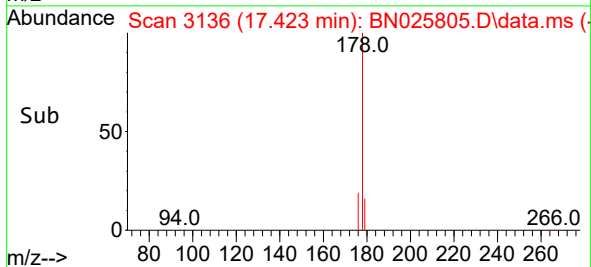
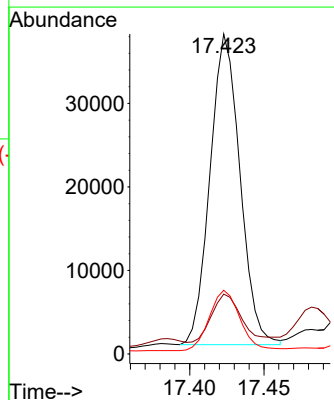
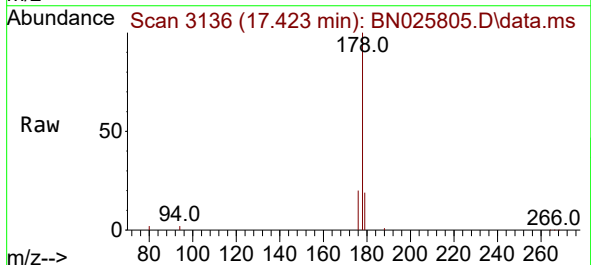
Instrument :
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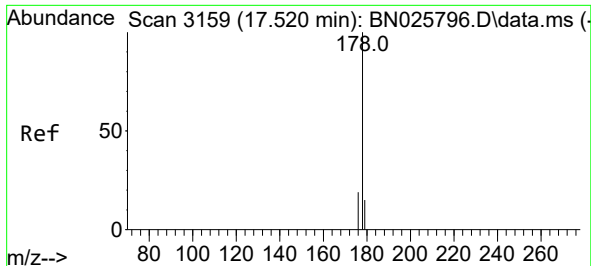
Tgt Ion:266 Resp: 109
 Ion Ratio Lower Upper
 266 100
 264 45.9 48.2 72.4#
 268 47.7 48.2 72.4#



#15
 Phenanthrene
 Concen: 0.433 ng/ul
 RT: 17.423 min Scan# 3136
 Delta R.T. -0.008 min
 Lab File: BN025805.D
 Acq: 13 Jun 2023 14:19

Tgt Ion:178 Resp: 52229
 Ion Ratio Lower Upper
 178 100
 179 18.7 12.6 18.8
 176 19.9 15.8 23.8

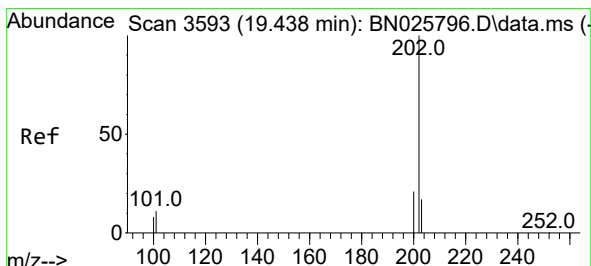
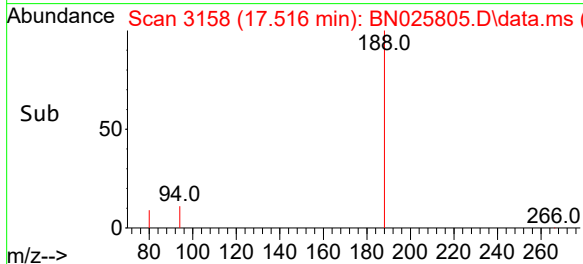
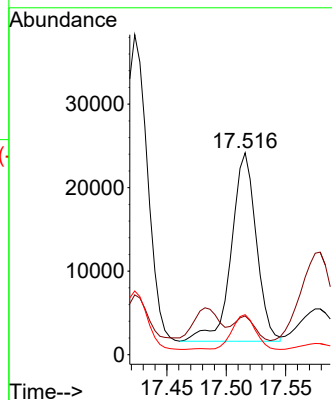
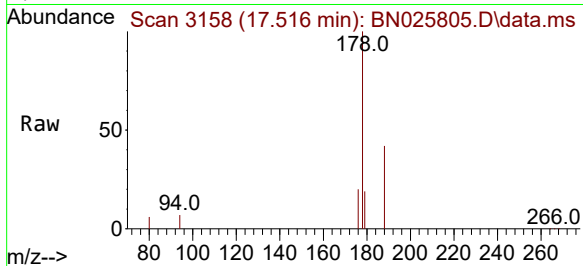




#16
 Anthracene
 Concen: 0.324 ng/ul
 RT: 17.516 min Scan# 3158
 Delta R.T. -0.008 min
 Lab File: BN025805.D
 Acq: 13 Jun 2023 14:19

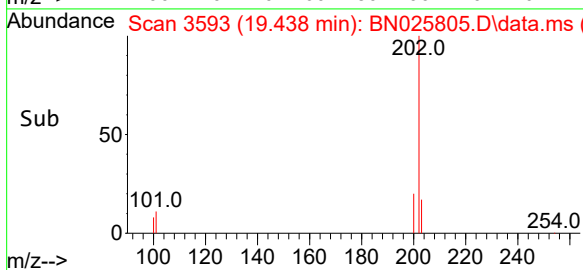
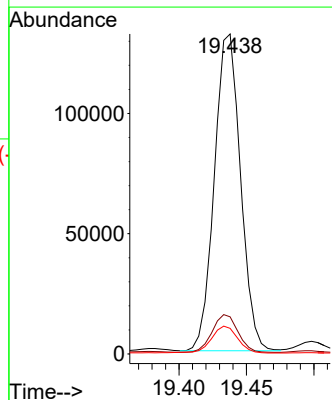
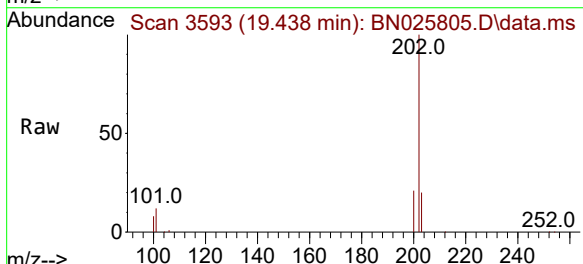
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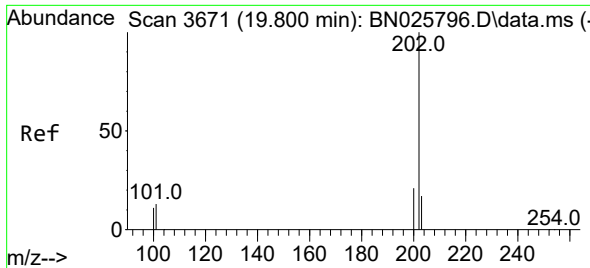
Tgt Ion:178 Resp: 32958
 Ion Ratio Lower Upper
 178 100
 179 19.2 12.6 19.0#
 176 19.8 15.4 23.2



#19
 Fluoranthene
 Concen: 1.762 ng/ul
 RT: 19.438 min Scan# 3593
 Delta R.T. -0.004 min
 Lab File: BN025805.D
 Acq: 13 Jun 2023 14:19

Tgt Ion:202 Resp: 177559
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.1 13.7
 100 8.0 7.0 10.6

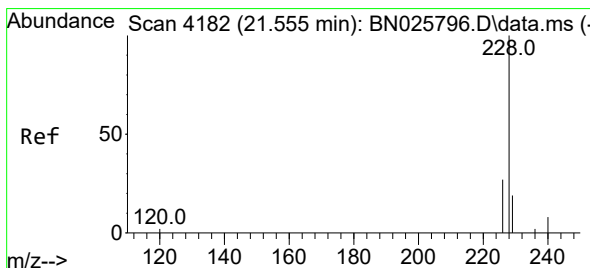
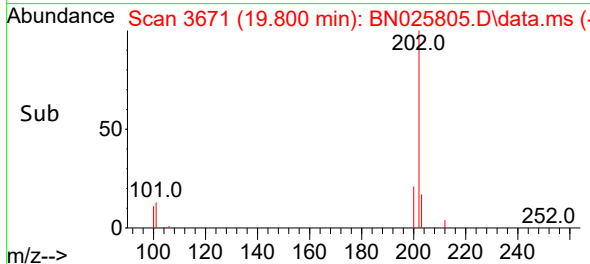
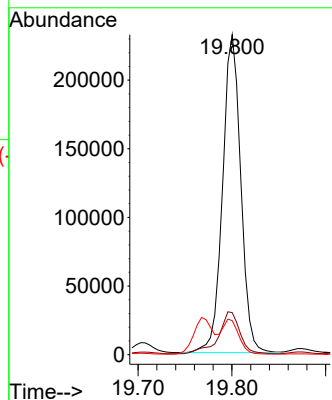
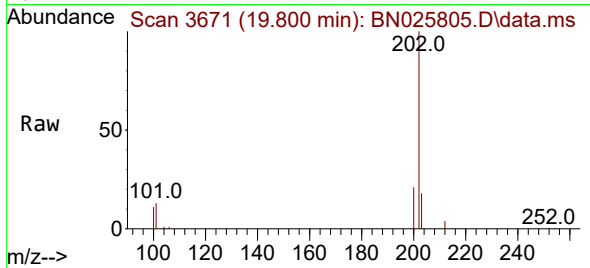




#20
Pyrene
Concen: 2.996 ng/ul
RT: 19.800 min Scan# 312491
Delta R.T. -0.005 min
Lab File: BN025805.D
Acq: 13 Jun 2023 14:19

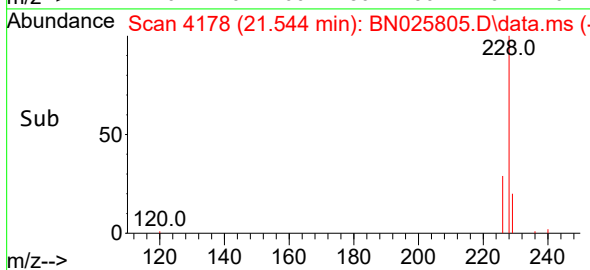
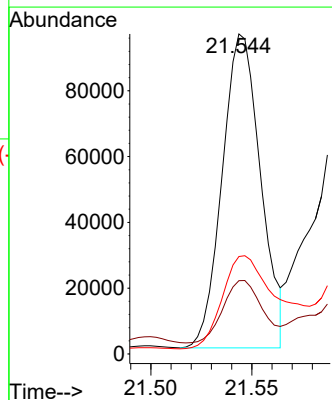
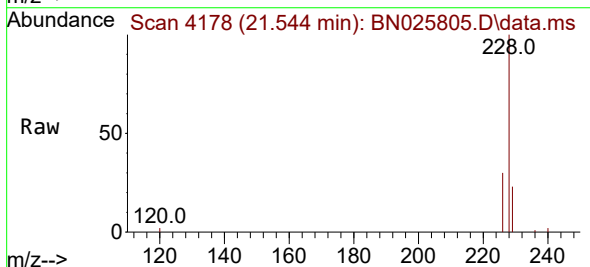
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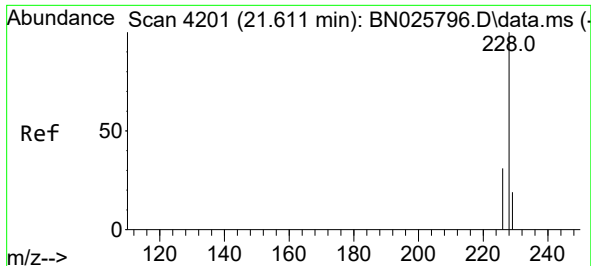
Tgt Ion:202 Resp: 312491
Ion Ratio Lower Upper
202 100
101 13.1 10.4 15.6
100 10.6 8.8 13.2



#21
Benzo(a)anthracene
Concen: 1.801 ng/ul
RT: 21.544 min Scan# 4178
Delta R.T. -0.008 min
Lab File: BN025805.D
Acq: 13 Jun 2023 14:19

Tgt Ion:228 Resp: 126485
Ion Ratio Lower Upper
228 100
229 22.9 15.5 23.3
226 30.5 22.0 33.0





#22

Chrysene

Concen: 2.273 ng/ul

RT: 21.599 min Scan# 41

Delta R.T. -0.009 min

Lab File: BN025805.D

Acq: 13 Jun 2023 14:19

Instrument :

BNA_N

ClientSampleId :

EW979

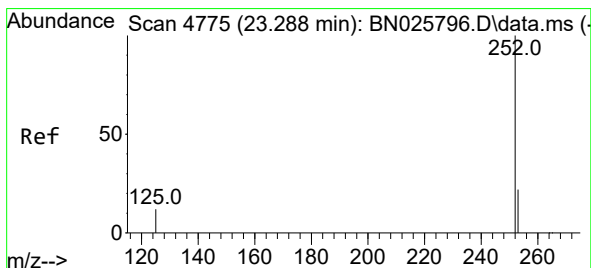
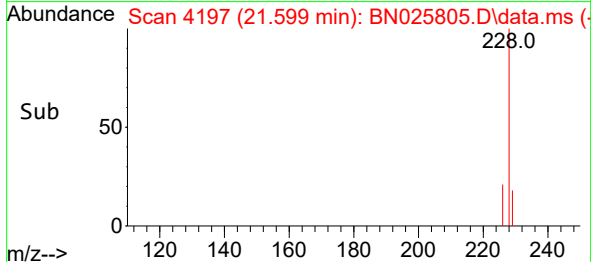
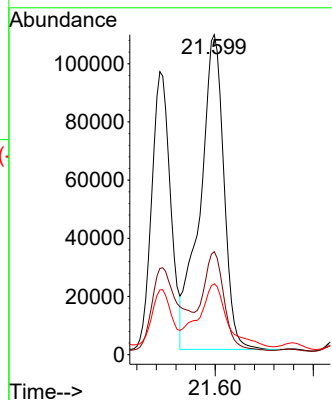
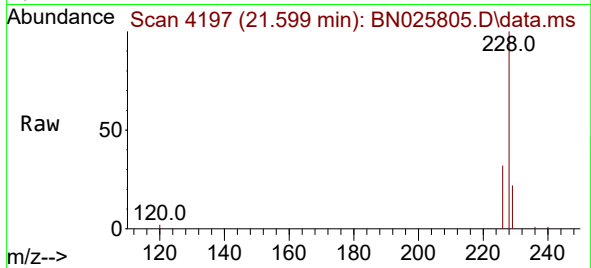
Tgt Ion:228 Resp: 182571

Ion Ratio Lower Upper

228 100

226 32.2 24.7 37.1

229 22.2 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 1.555 ng/ul

RT: 23.274 min Scan# 4770

Delta R.T. -0.017 min

Lab File: BN025805.D

Acq: 13 Jun 2023 14:19

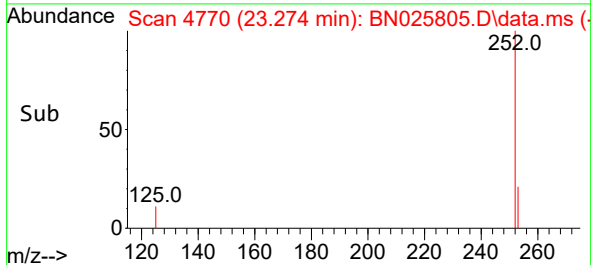
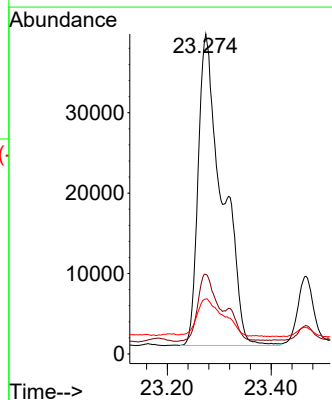
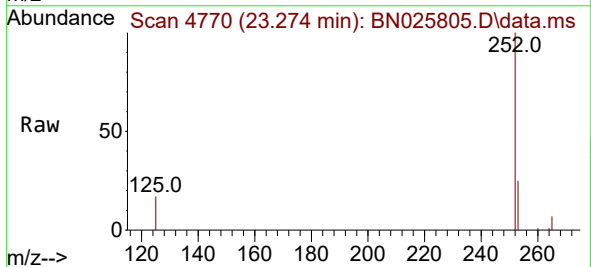
Tgt Ion:252 Resp: 123756

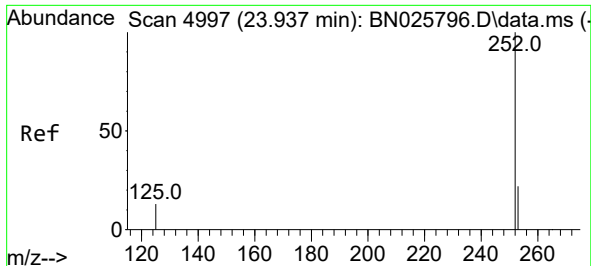
Ion Ratio Lower Upper

252 100

253 24.9 0.0 56.0

125 17.2 0.0 28.0

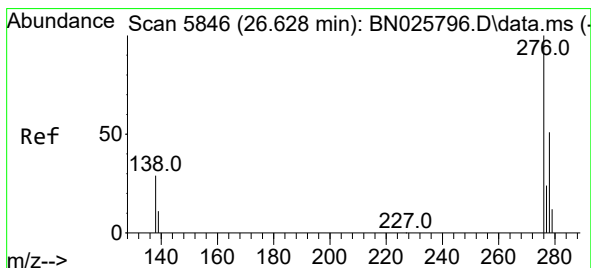
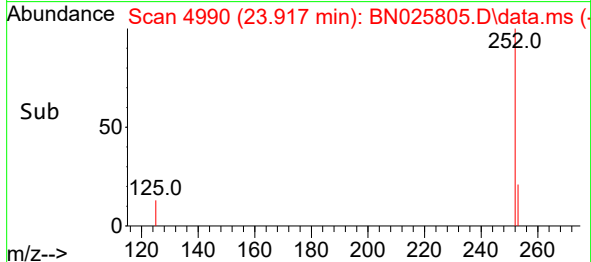
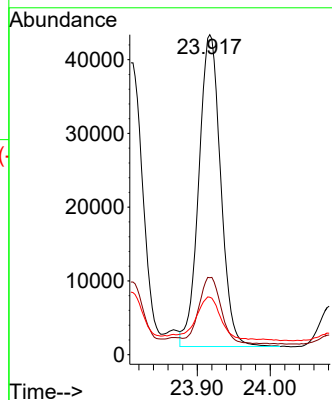
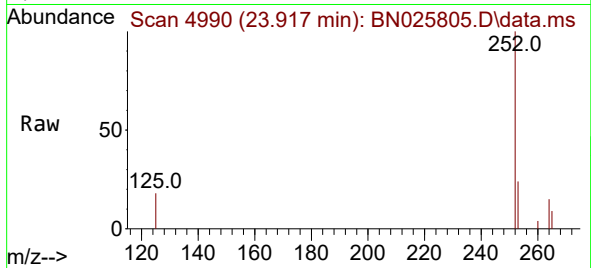




#26
Benzo(a)pyrene
Concen: 1.305 ng/ul
RT: 23.917 min Scan# 4997
Delta R.T. -0.026 min
Lab File: BN025805.D
Acq: 13 Jun 2023 14:19

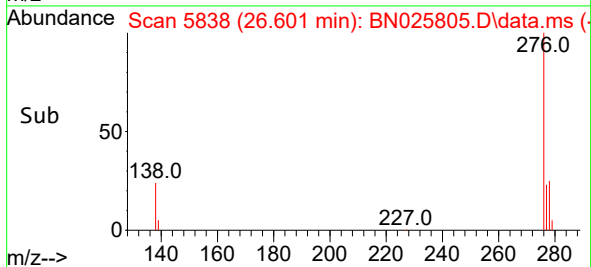
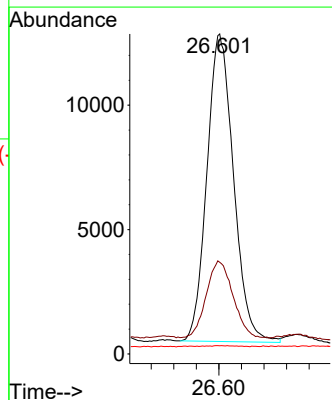
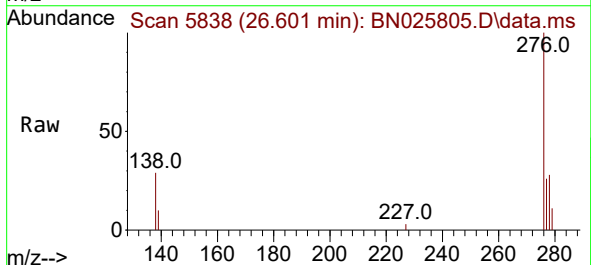
Instrument :
BNA_N
ClientSampleId :
EW979

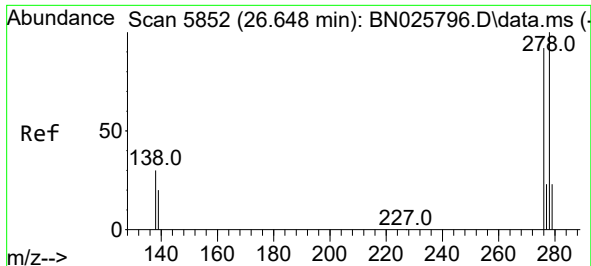
Tgt Ion:252 Resp: 88044
Ion Ratio Lower Upper
252 100
253 24.0 25.8 38.8#
125 18.0 13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.528 ng/ul
RT: 26.601 min Scan# 5838
Delta R.T. -0.057 min
Lab File: BN025805.D
Acq: 13 Jun 2023 14:19

Tgt Ion:276 Resp: 40585
Ion Ratio Lower Upper
276 100
138 24.8 24.6 36.8
227 0.3 0.0 0.0#

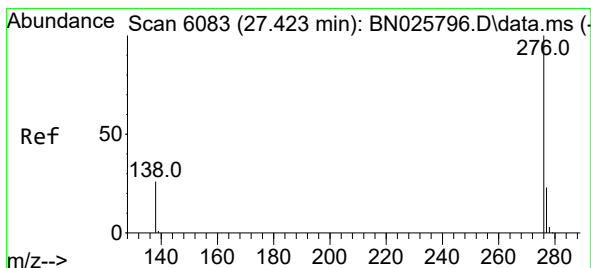
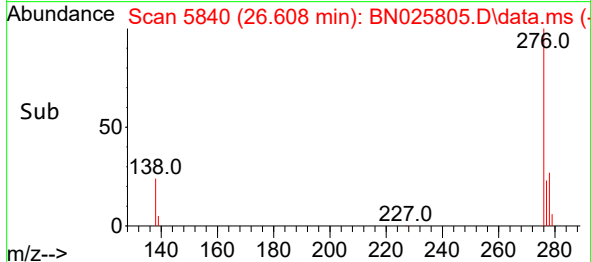
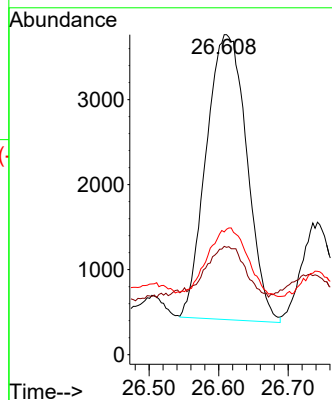
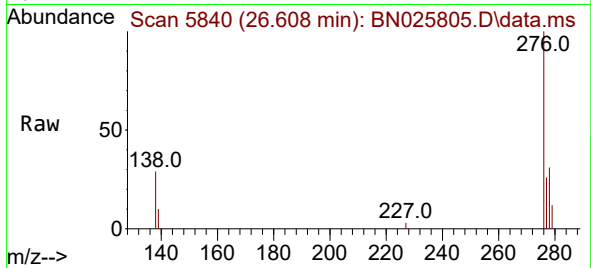




#28
Dibenzo(a,h)anthracene
Concen: 0.233 ng/ul
RT: 26.608 min Scan# 5840
Delta R.T. -0.077 min
Lab File: BN025805.D
Acq: 13 Jun 2023 14:19

Instrument :
BNA_N
ClientSampleId :
EW979

Tgt Ion:278 Resp: 13586
Ion Ratio Lower Upper
278 100
139 33.8 17.9 26.9#
279 38.3 25.3 37.9#



#29
Benzo(g,h,i)perylene
Concen: 0.668 ng/ul
RT: 27.396 min Scan# 6075
Delta R.T. -0.053 min
Lab File: BN025805.D
Acq: 13 Jun 2023 14:19

Tgt Ion:276 Resp: 46116
Ion Ratio Lower Upper
276 100
138 28.0 21.8 32.8
277 24.8 19.4 29.2

