

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080823\
 Data File : BN026841.D
 Acq On : 08 Aug 2023 09:56
 Operator : MA/JU
 Sample : PB154648BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 09 00:52:39 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 : Fri Aug 04 03:46:36 2023
 Response via : Initial Calibration

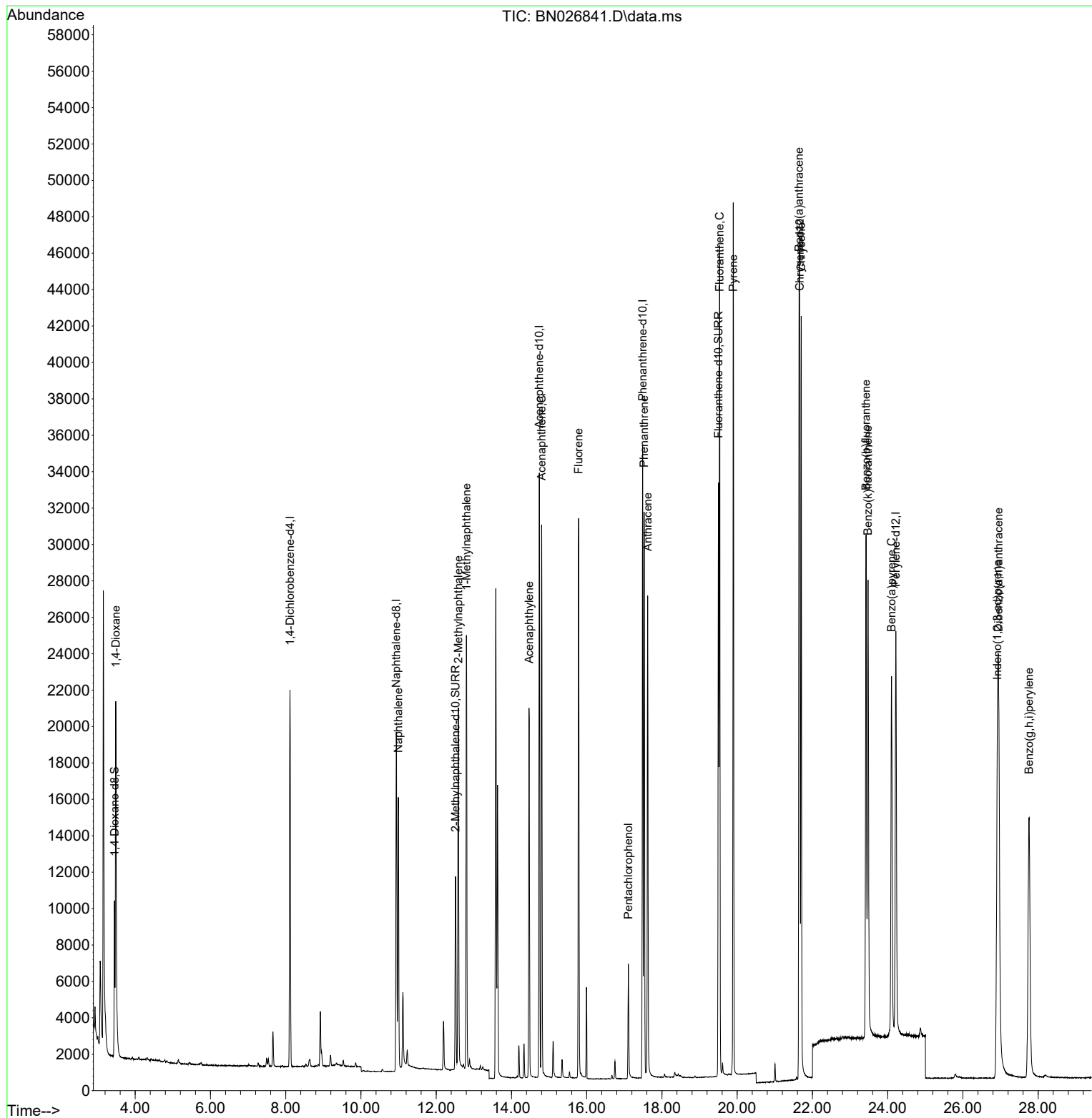
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	10609	0.400	ng/ul	0.00
4) Naphthalene-d8	10.938	136	27253	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.740	164	17747	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.485	188	40013	0.400	ng/ul	0.00
17) Chrysene-d12	21.662	240	33404	0.400	ng/ul	0.00
23) Perylene-d12	24.217	264	33971	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	6911	0.549	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	14505	0.362	ng/ul	0.00
18) Fluoranthene-d10	19.501	212	35409	0.336	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.486	88	15903	1.237	ng/ul#	92
5) Naphthalene	10.993	128	20555	0.267	ng/ul	100
7) 2-Methylnaphthalene	12.588	142	14788	0.317	ng/ul	100
8) 1-Methylnaphthalene	12.803	142	16700	0.342	ng/ul	99
10) Acenaphthylene	14.467	152	23137	0.233	ng/ul	99
11) Acenaphthene	14.800	153	17793	0.259	ng/ul	98
12) Fluorene	15.786	166	20151	0.259	ng/ul	98
14) Pentachlorophenol	17.105	266	4316	0.381	ng/ul	100
15) Phenanthrene	17.527	178	33796	0.257	ng/ul	100
16) Anthracene	17.620	178	28914	0.243	ng/ul	100
19) Fluoranthene	19.534	202	38990	0.281	ng/ul	100
20) Pyrene	19.896	202	39984	0.270	ng/ul	98
21) Benzo(a)anthracene	21.644	228	35813	0.270	ng/ul	99
22) Chrysene	21.700	228	37651	0.287	ng/ul	99
24) Benzo(b)fluoranthene	23.425	252	39259	0.306	ng/ul	99
25) Benzo(k)fluoranthene	23.477	252	38678	0.305	ng/ul	100
26) Benzo(a)pyrene	24.100	252	34895	0.301	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.915	276	44654	0.294	ng/ul#	48
28) Dibenzo(a,h)anthracene	26.949	278	34835	0.288	ng/ul	99
29) Benzo(g,h,i)perylene	27.760	276	36609	0.290	ng/ul	99

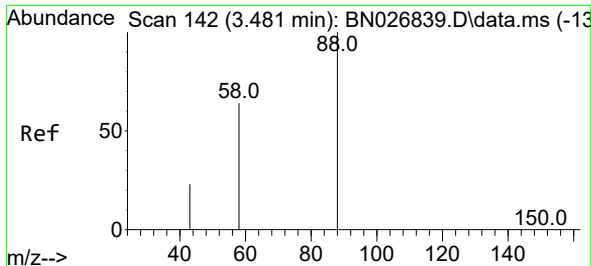
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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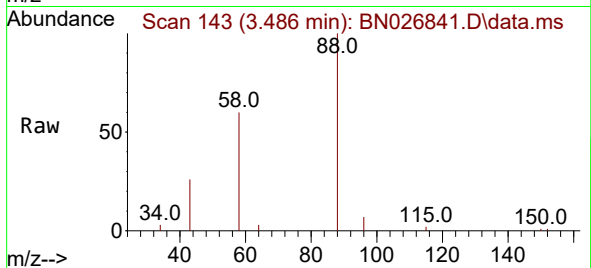
Quant Time: Aug 09 00:52:39 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
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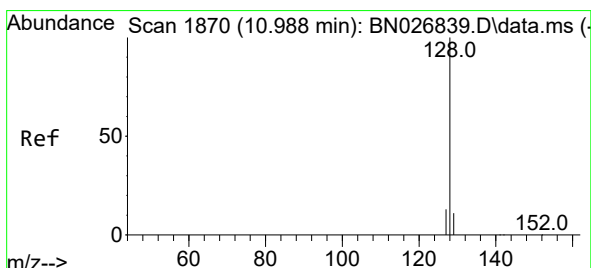
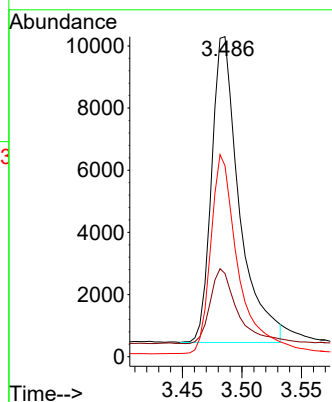
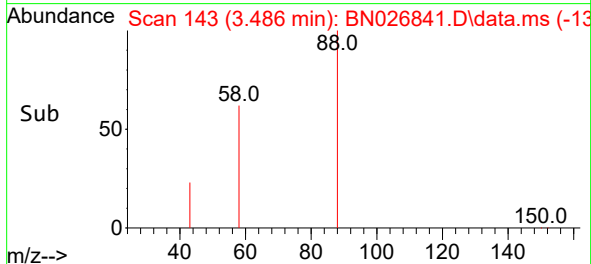


#2
1,4-Dioxane
Concen: 1.237 ng/ul
RT: 3.486 min Scan# 14
Delta R.T. 0.004 min
Lab File: BN026841.D
Acq: 08 Aug 2023 09:56

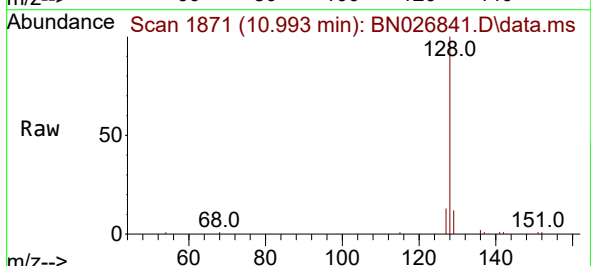
Instrument :
BNA_N
ClientSampleId :



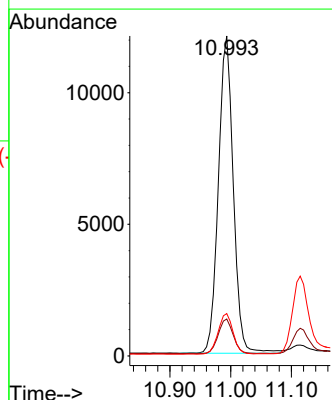
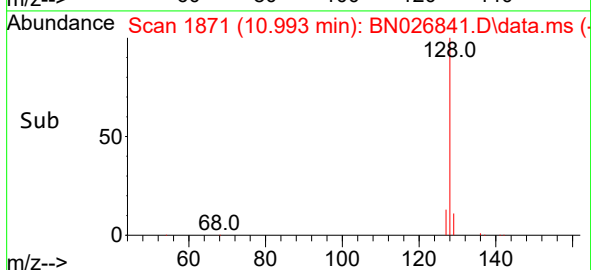
Tgt Ion: 88 Resp: 15903
Ion Ratio Lower Upper
88 100
43 26.0 28.0 42.0#
58 59.7 46.0 69.0

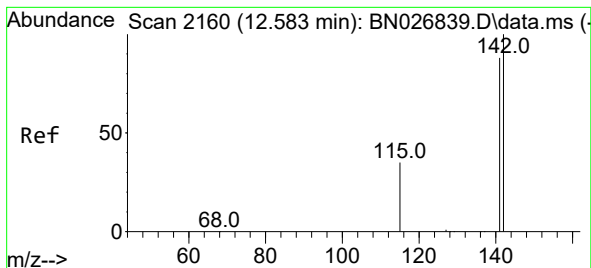


#5
Naphthalene
Concen: 0.267 ng/ul
RT: 10.993 min Scan# 1871
Delta R.T. -0.005 min
Lab File: BN026841.D
Acq: 08 Aug 2023 09:56



Tgt Ion: 128 Resp: 20555
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.2 10.5 15.7

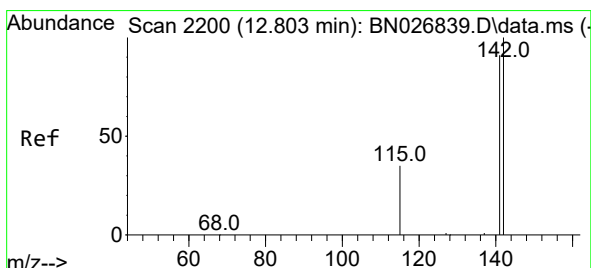
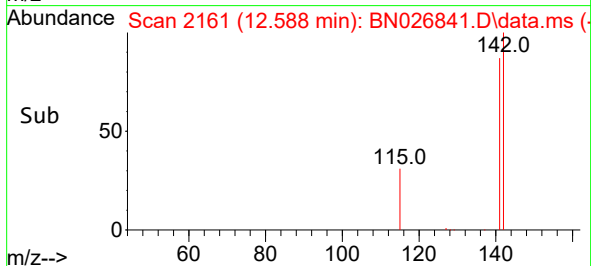
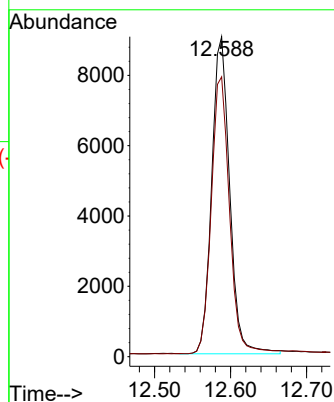
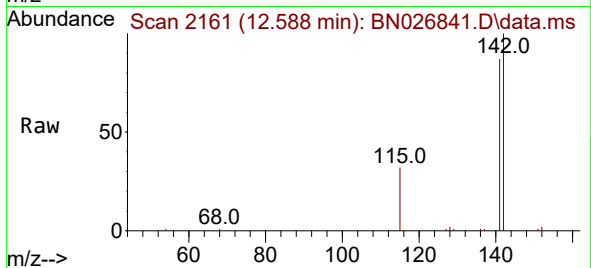




#7
2-Methylnaphthalene
Concen: 0.317 ng/ul
RT: 12.588 min Scan# 2161
Delta R.T. -0.005 min
Lab File: BN026841.D
Acq: 08 Aug 2023 09:56

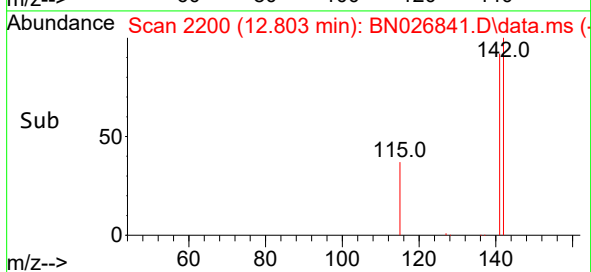
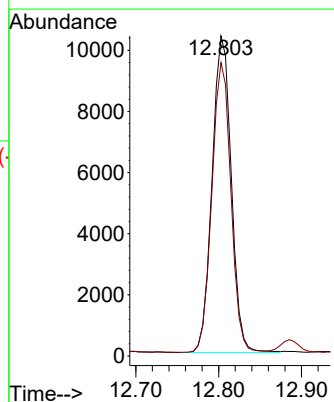
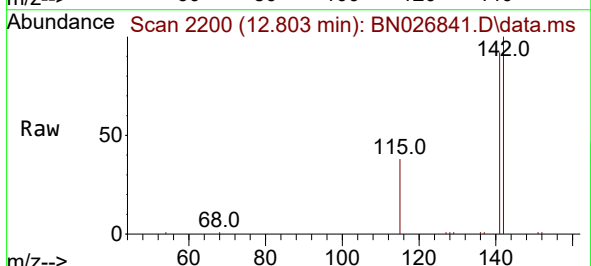
Instrument :
BNA_N
ClientSampleId :

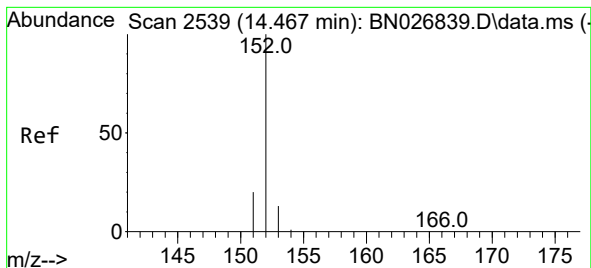
Tgt Ion:142 Resp: 14788
Ion Ratio Lower Upper
142 100
141 88.9 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.803 min Scan# 2200
Delta R.T. -0.005 min
Lab File: BN026841.D
Acq: 08 Aug 2023 09:56

Tgt Ion:142 Resp: 16700
Ion Ratio Lower Upper
142 100
141 90.9 73.2 109.8





#10

Acenaphthylene

Concen: 0.233 ng/ul

RT: 14.467 min Scan# 2539

Delta R.T. -0.009 min

Lab File: BN026841.D

Acq: 08 Aug 2023 09:56

Instrument :

BNA_N

ClientSampleId :

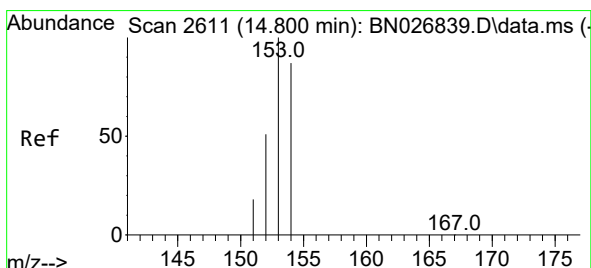
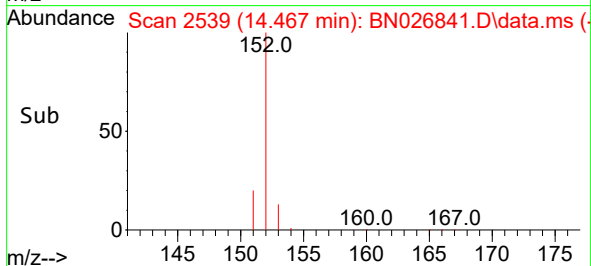
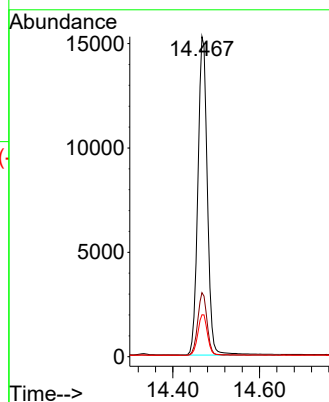
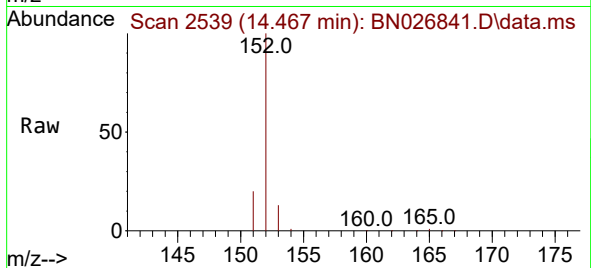
Tgt Ion:152 Resp: 23137

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.1 11.0 16.6



#11

Acenaphthene

Concen: 0.259 ng/ul

RT: 14.800 min Scan# 2611

Delta R.T. -0.009 min

Lab File: BN026841.D

Acq: 08 Aug 2023 09:56

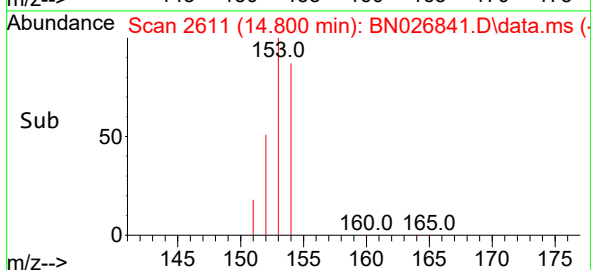
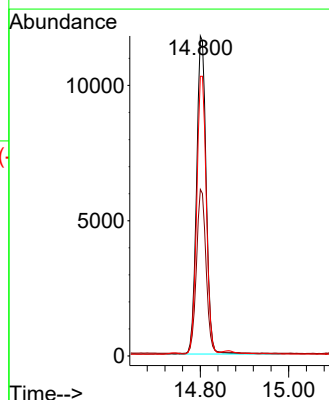
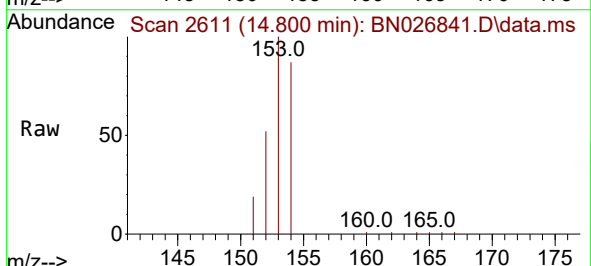
Tgt Ion:153 Resp: 17793

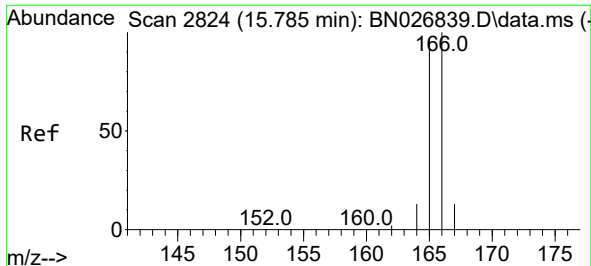
Ion Ratio Lower Upper

153 100

152 52.1 41.1 61.7

154 87.4 71.6 107.4

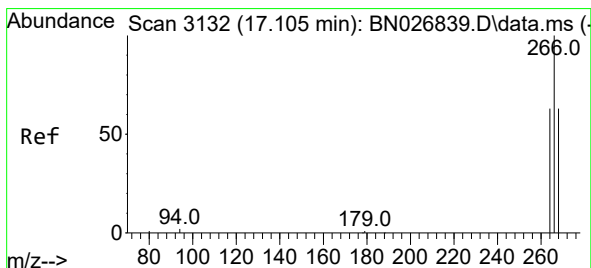
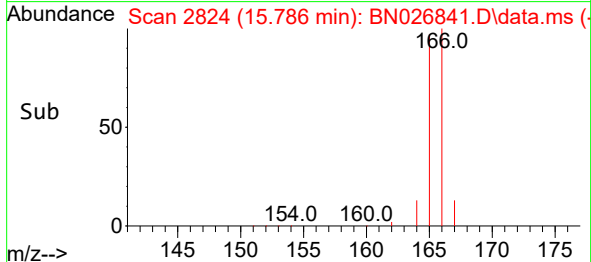
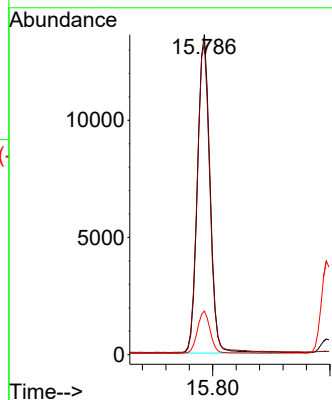
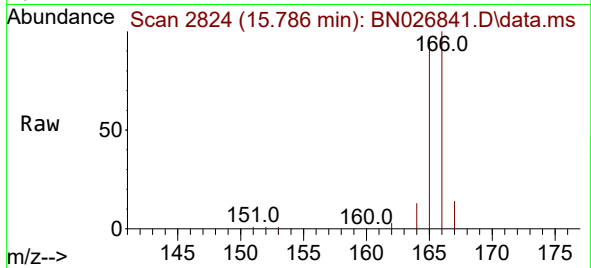




#12
Fluorene
Concen: 0.259 ng/ul
RT: 15.786 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026841.D
Acq: 08 Aug 2023 09:56

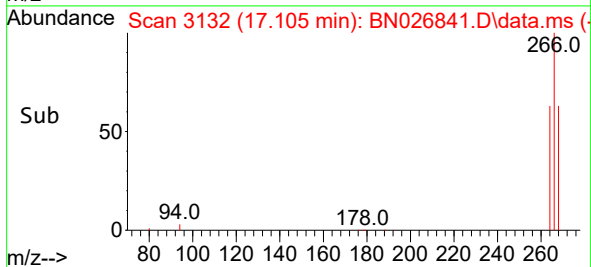
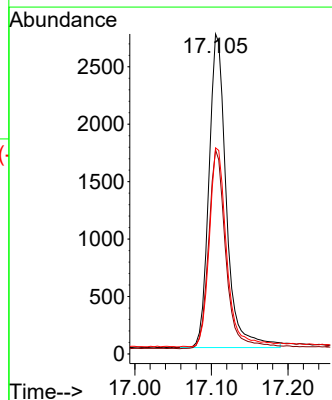
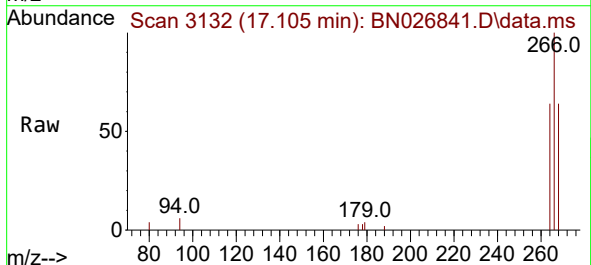
Instrument :
BNA_N
ClientSampleId :

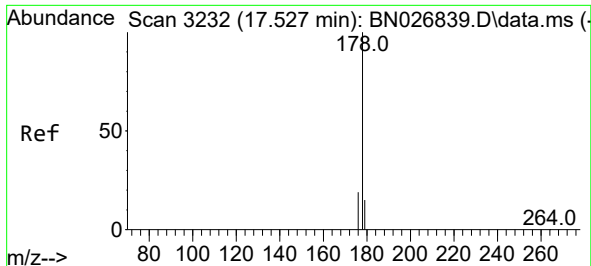
Tgt Ion:166 Resp: 20151
Ion Ratio Lower Upper
166 100
165 97.4 79.1 118.7
167 13.7 11.4 17.0



#14
Pentachlorophenol
Concen: 0.381 ng/ul
RT: 17.105 min Scan# 3132
Delta R.T. -0.008 min
Lab File: BN026841.D
Acq: 08 Aug 2023 09:56

Tgt Ion:266 Resp: 4316
Ion Ratio Lower Upper
266 100
264 62.9 50.4 75.6
268 63.4 51.2 76.8

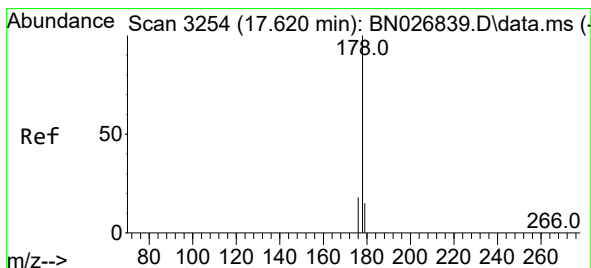
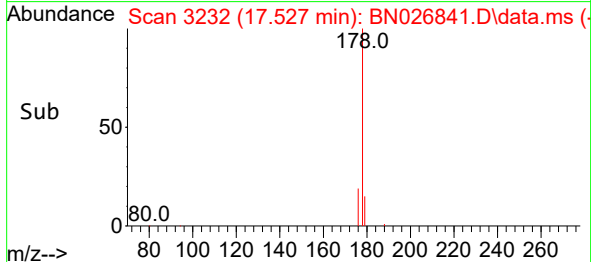
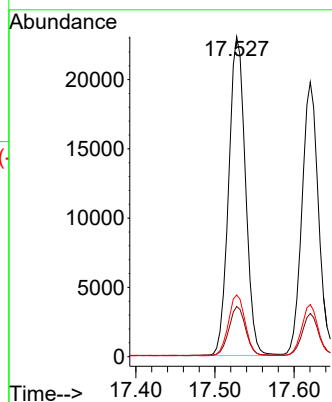
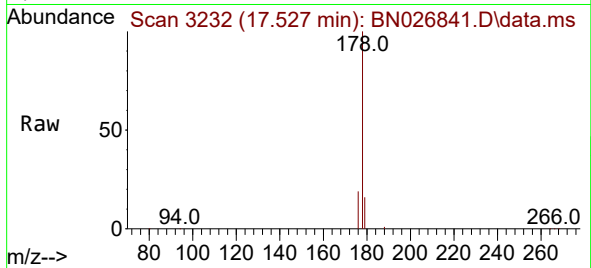




#15
Phenanthrene
Concen: 0.257 ng/ul
RT: 17.527 min Scan# 31
Delta R.T. -0.008 min
Lab File: BN026841.D
Acq: 08 Aug 2023 09:56

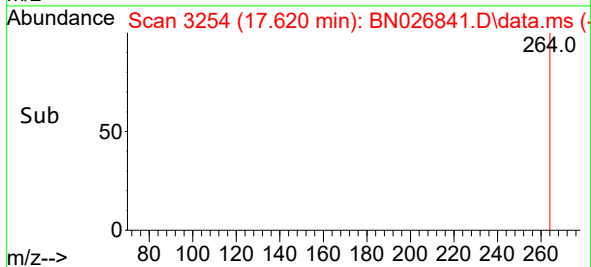
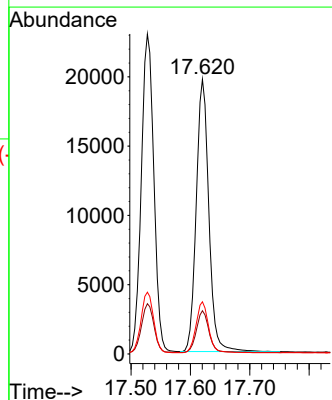
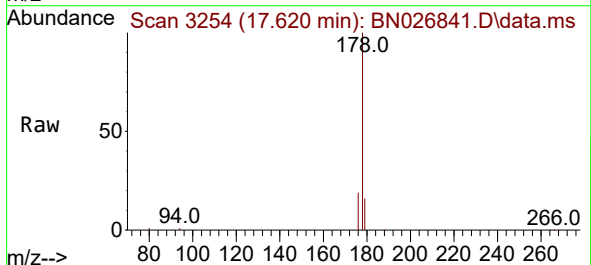
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ClientSampleId :

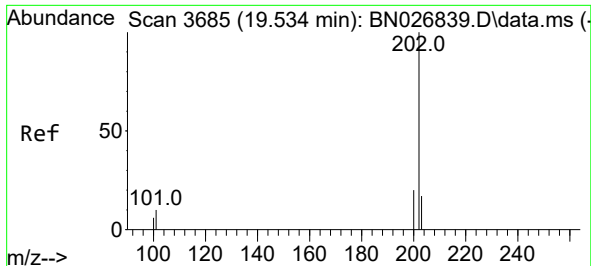
Tgt Ion:178 Resp: 33796
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.3 15.4 23.2



#16
Anthracene
Concen: 0.243 ng/ul
RT: 17.620 min Scan# 3254
Delta R.T. -0.004 min
Lab File: BN026841.D
Acq: 08 Aug 2023 09:56

Tgt Ion:178 Resp: 28914
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.0 15.0 22.6

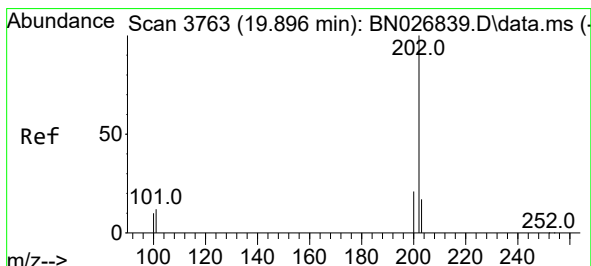
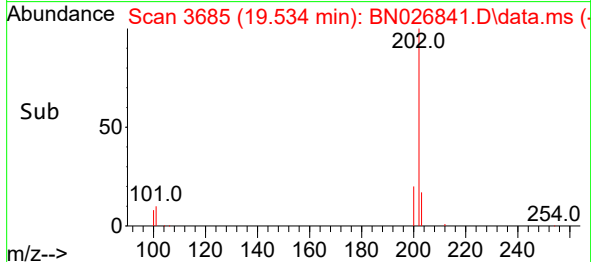
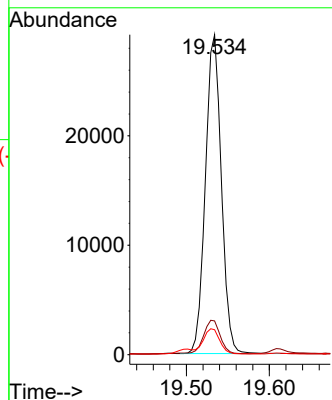
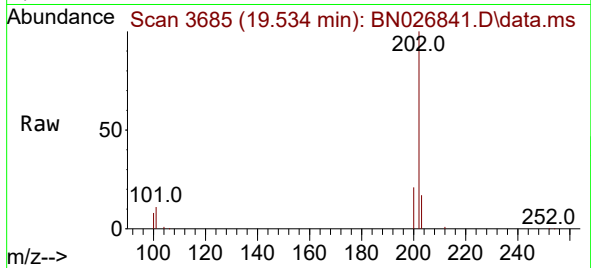




#19
Fluoranthene
Concen: 0.281 ng/ul
RT: 19.534 min Scan# 3685
Delta R.T. -0.005 min
Lab File: BN026841.D
Acq: 08 Aug 2023 09:56

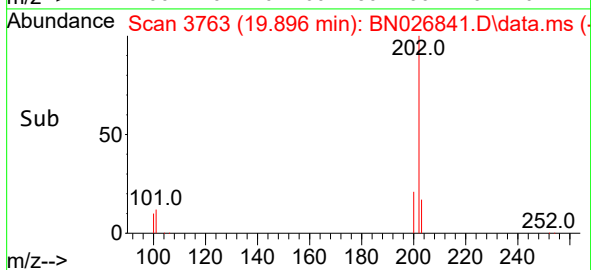
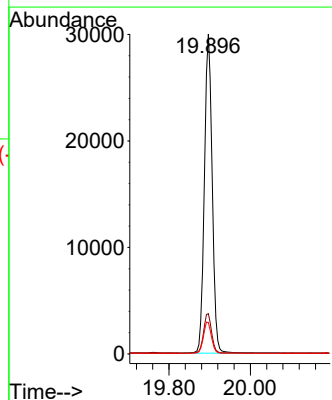
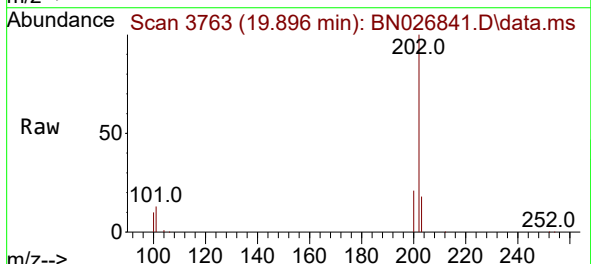
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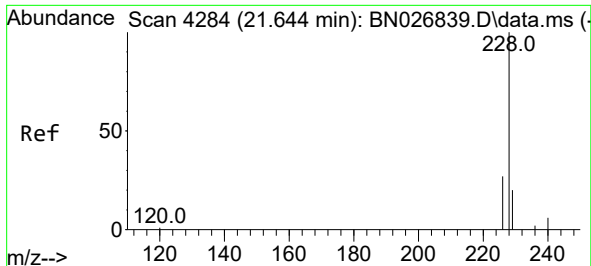
Tgt Ion:202 Resp: 38990
Ion Ratio Lower Upper
202 100
101 10.6 8.3 12.5
100 7.8 6.2 9.2



#20
Pyrene
Concen: 0.270 ng/ul
RT: 19.896 min Scan# 3763
Delta R.T. -0.005 min
Lab File: BN026841.D
Acq: 08 Aug 2023 09:56

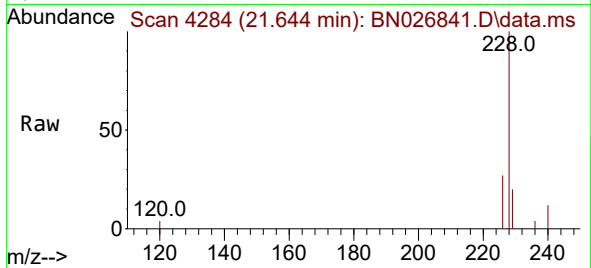
Tgt Ion:202 Resp: 39984
Ion Ratio Lower Upper
202 100
101 12.6 10.7 16.1
100 9.9 8.5 12.7



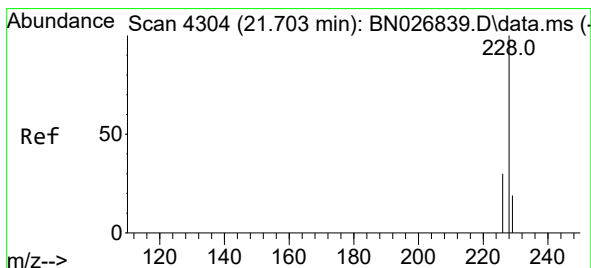
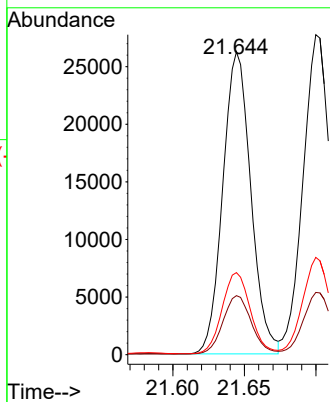
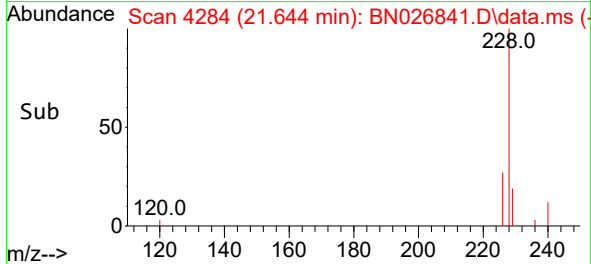


#21
Benzo(a)anthracene
Concen: 0.270 ng/ul
RT: 21.644 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN026841.D
Acq: 08 Aug 2023 09:56

Instrument :
BNA_N
ClientSampleId :

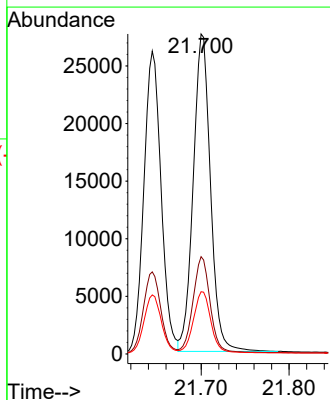
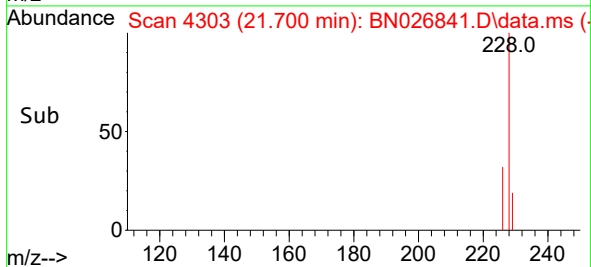
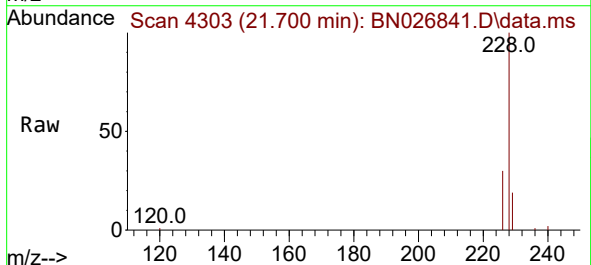


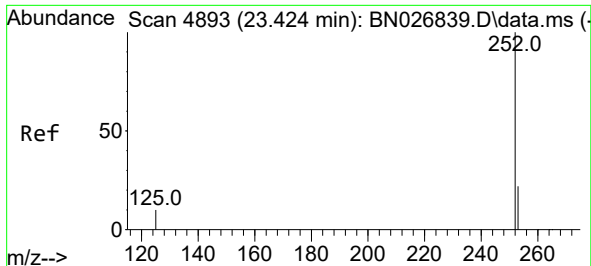
Tgt Ion:228 Resp: 35813
Ion Ratio Lower Upper
228 100
229 19.5 16.0 24.0
226 27.1 22.2 33.2



#22
Chrysene
Concen: 0.287 ng/ul
RT: 21.700 min Scan# 4303
Delta R.T. -0.009 min
Lab File: BN026841.D
Acq: 08 Aug 2023 09:56

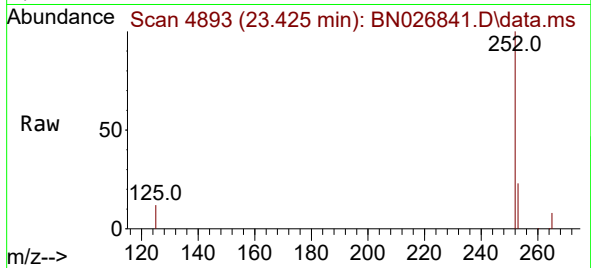
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Ion Ratio Lower Upper
228 100
226 30.4 24.6 36.8
229 19.4 15.8 23.6



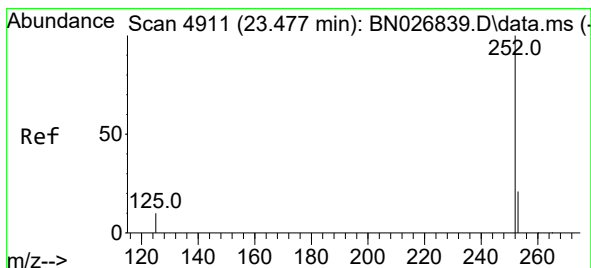
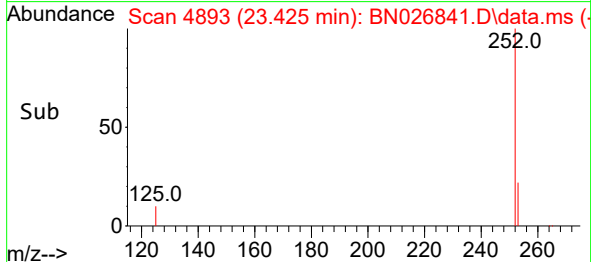
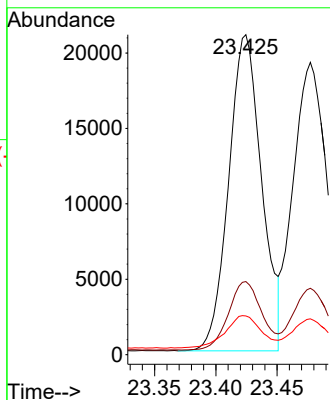


#24
Benzo(b)fluoranthene
Concen: 0.306 ng/ul
RT: 23.425 min Scan# 4893
Delta R.T. -0.006 min
Lab File: BN026841.D
Acq: 08 Aug 2023 09:56

Instrument :
BNA_N
ClientSampleId :

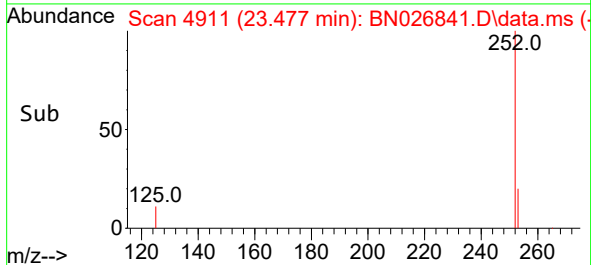
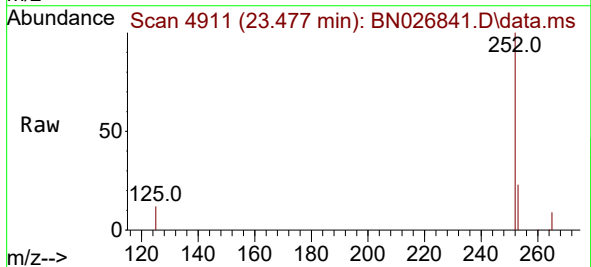
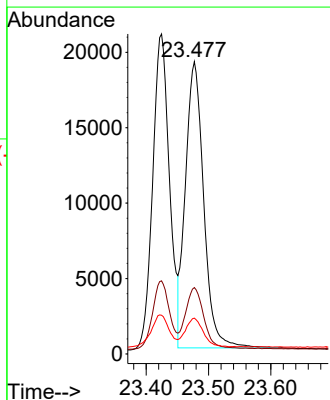


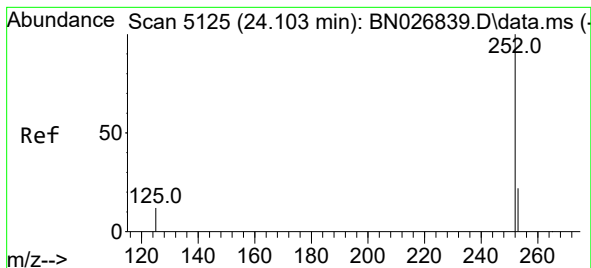
Tgt Ion:252 Resp: 39259
Ion Ratio Lower Upper
252 100
253 22.8 0.0 46.8
125 12.1 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.305 ng/ul
RT: 23.477 min Scan# 4911
Delta R.T. -0.009 min
Lab File: BN026841.D
Acq: 08 Aug 2023 09:56

Tgt Ion:252 Resp: 38678
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 12.3 9.9 14.9





#26

Benzo(a)pyrene

Concen: 0.301 ng/ul

RT: 24.100 min Scan# 51

Delta R.T. -0.012 min

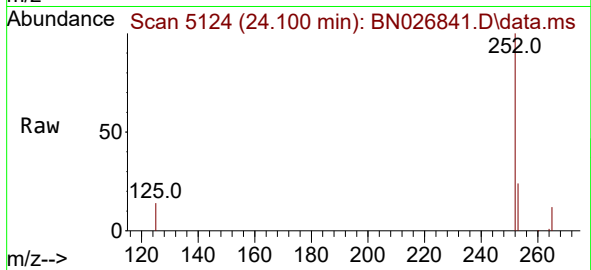
Lab File: BN026841.D

Acq: 08 Aug 2023 09:56

Instrument :

BNA_N

ClientSampleId :



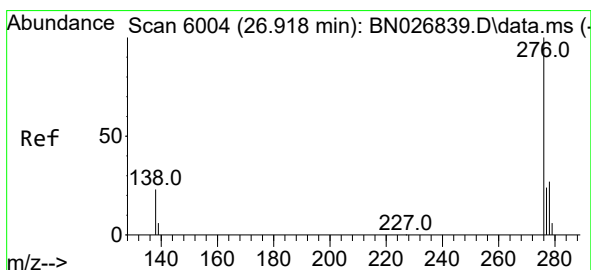
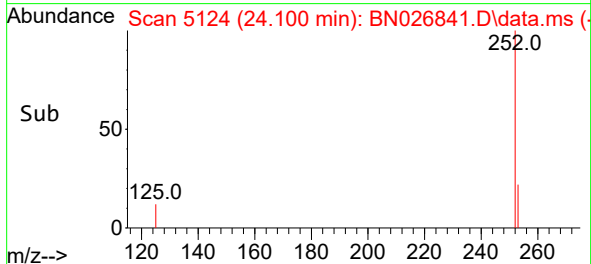
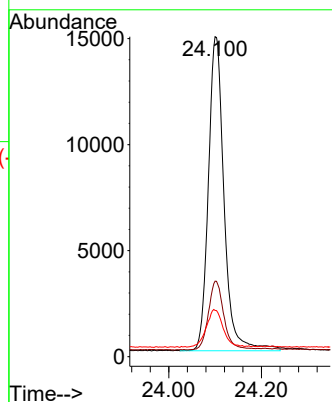
Tgt Ion:252 Resp: 34895

Ion Ratio Lower Upper

252 100

253 23.6 19.0 28.6

125 14.4 11.4 17.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.294 ng/ul

RT: 26.915 min Scan# 6003

Delta R.T. -0.013 min

Lab File: BN026841.D

Acq: 08 Aug 2023 09:56

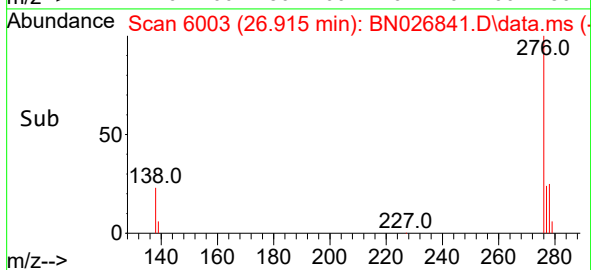
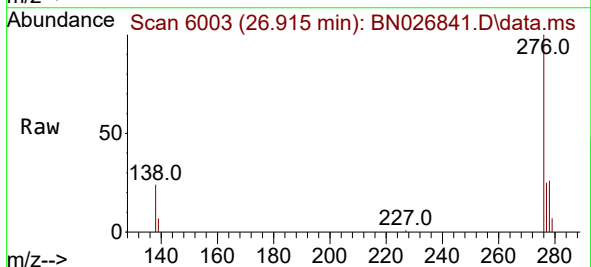
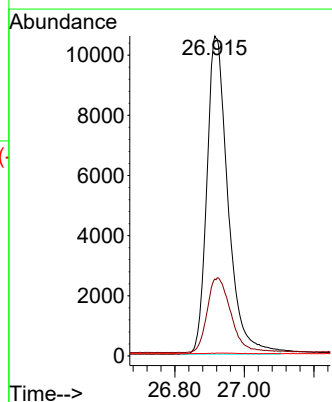
Tgt Ion:276 Resp: 44654

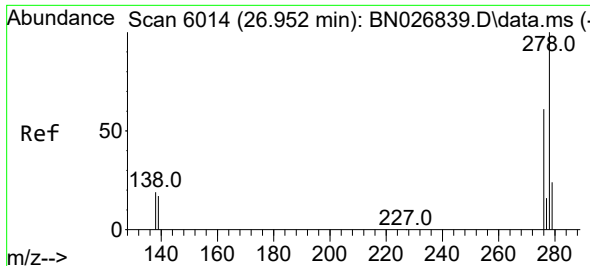
Ion Ratio Lower Upper

276 100

138 0.0 21.6 32.4#

227 0.1 0.0 0.0#

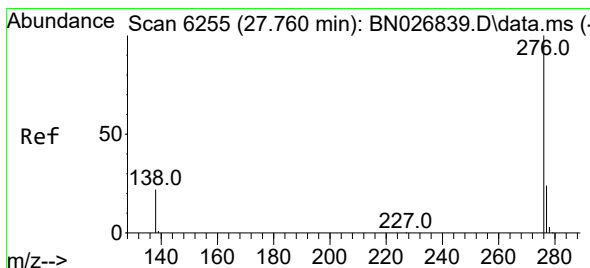
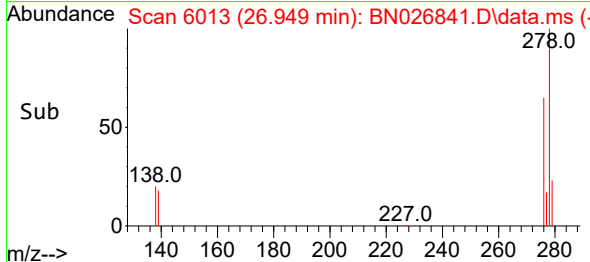
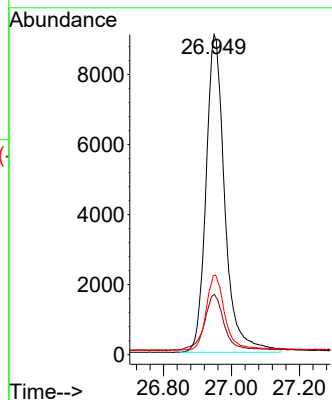
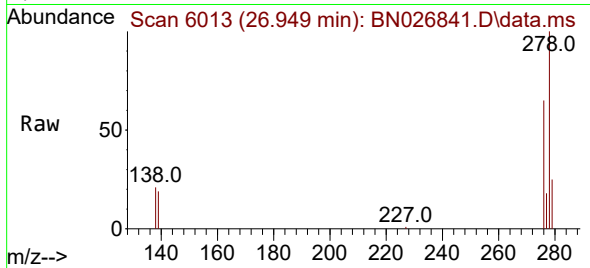




#28
Dibenzo(a,h)anthracene
Concen: 0.288 ng/ul
RT: 26.949 min Scan# 6014
Delta R.T. -0.020 min
Lab File: BN026841.D
Acq: 08 Aug 2023 09:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 34835
Ion Ratio Lower Upper
278 100
139 18.8 15.7 23.5
279 24.7 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 0.290 ng/ul
RT: 27.760 min Scan# 6255
Delta R.T. -0.010 min
Lab File: BN026841.D
Acq: 08 Aug 2023 09:56

Tgt Ion:276 Resp: 36609
Ion Ratio Lower Upper
276 100
138 23.3 19.3 28.9
277 24.5 19.8 29.8

