

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050423\
 Data File : BN025266.D
 Acq On : 04 May 2023 15:57
 Operator : CG/JU
 Sample : 02447-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW916

Quant Time: May 05 04:47:00 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 15:28:32 2023
 Response via : Initial Calibration

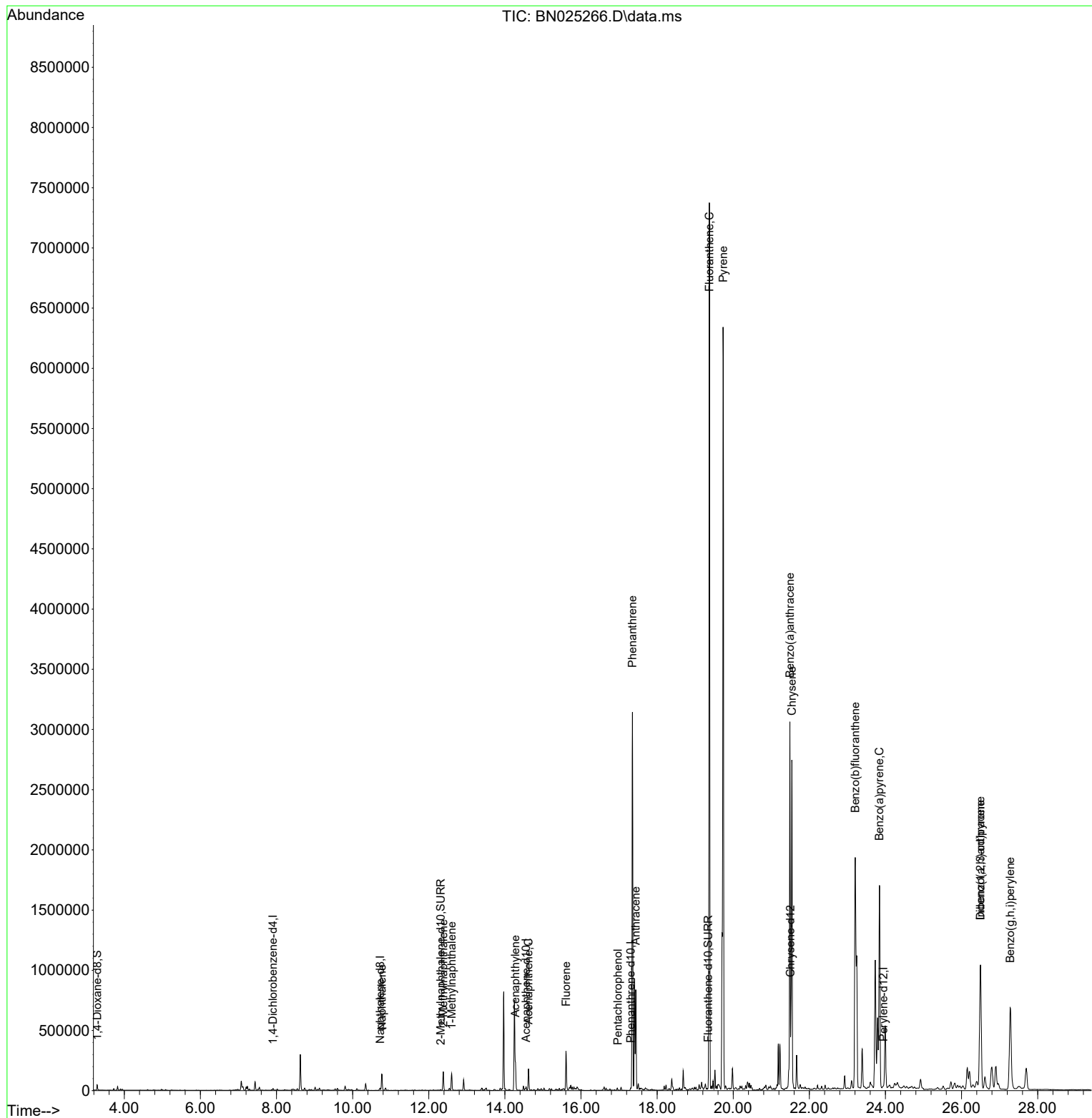
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.908	152	7653	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	24357	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.556	164	15442	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	23881	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.505	240	16363	0.400	ng/ul	# 0.00
23) Perylene-d12	23.943	264	22920	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	24295	3.066	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	6977	0.223	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	11406	0.264	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.770	128	167144	2.678	ng/ul	99
7) 2-Methylnaphthalene	12.381	142	106260	2.780	ng/ul	99
8) 1-Methylnaphthalene	12.601	142	94691	2.324	ng/ul	100
10) Acenaphthylene	14.279	152	263622	4.583	ng/ul	99
11) Acenaphthene	14.621	153	91146	1.880	ng/ul	98
12) Fluorene	15.606	166	201792	3.722	ng/ul	99
14) Pentachlorophenol	16.967	266	481	0.103	ng/ul	95
15) Phenanthrene	17.351	178	3300521	48.964	ng/ul	100
16) Anthracene	17.440	178	836946	15.177	ng/ul	99
19) Fluoranthene	19.372	202	6127467	103.554	ng/ul	95
20) Pyrene	19.735	202	5428555	89.292	ng/ul	95
21) Benzo(a)anthracene	21.487	228	2705133	54.862	ng/ul	98
22) Chrysene	21.540	228	2602803	48.390	ng/ul	97
24) Benzo(b)fluoranthene	23.206	252	4404426	47.365	ng/ul	95
26) Benzo(a)pyrene	23.843	252	2377384	30.900	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.497	276	1671103	18.851	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.497	278	430420	6.216	ng/ul	99
29) Benzo(g,h,i)perylene	27.278	276	1484487	19.694	ng/ul	99

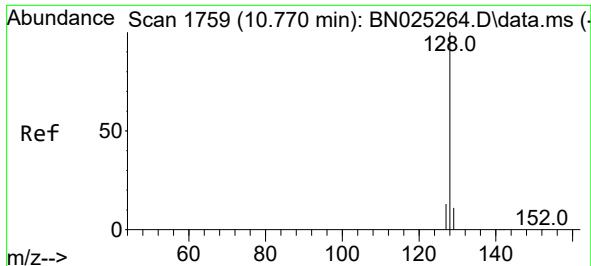
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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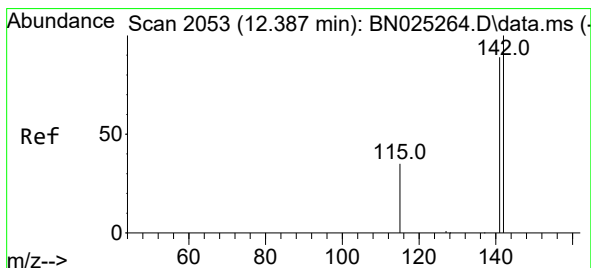
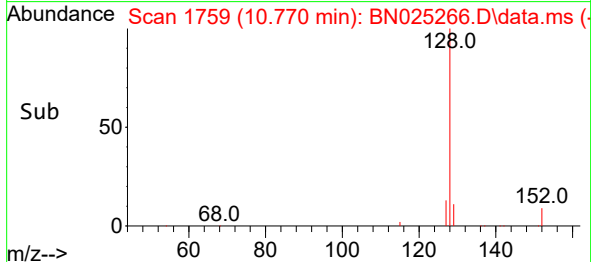
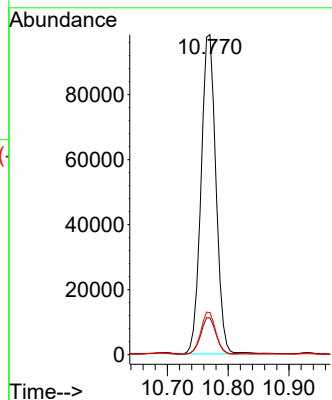
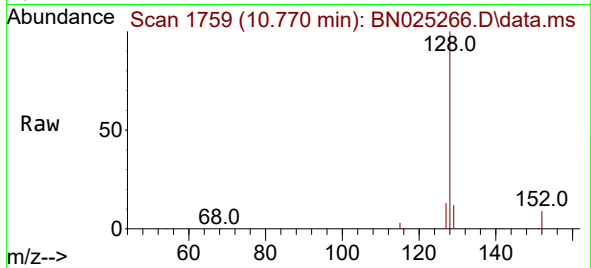




#5
Naphthalene
Concen: 2.678 ng/ul
RT: 10.770 min Scan# 1759
Delta R.T. 0.002 min
Lab File: BN025266.D
Acq: 04 May 2023 15:57

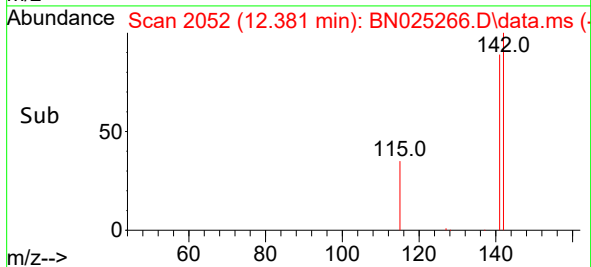
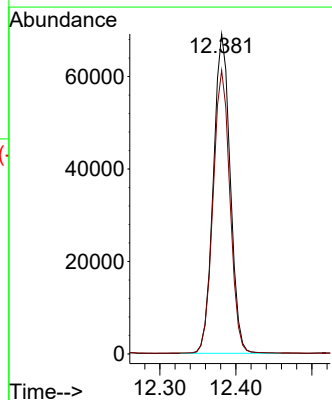
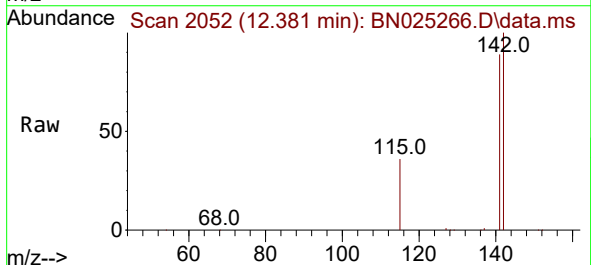
Instrument :
BNA_N
ClientSampleId :
EW916

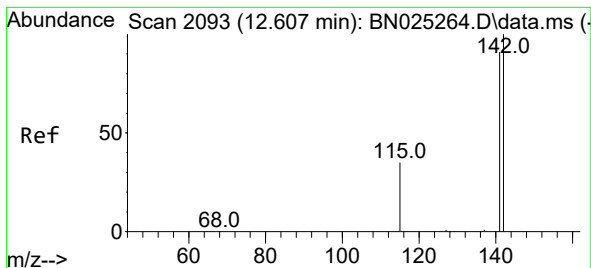
Tgt Ion:128 Resp: 167144
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.2 10.7 16.1



#7
2-Methylnaphthalene
Concen: 2.780 ng/ul
RT: 12.381 min Scan# 2052
Delta R.T. -0.004 min
Lab File: BN025266.D
Acq: 04 May 2023 15:57

Tgt Ion:142 Resp: 106260
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.0





#8

1-Methylnaphthalene

Concen: 2.324 ng/ul

RT: 12.601 min Scan# 2092

Delta R.T. -0.004 min

Lab File: BN025266.D

Acq: 04 May 2023 15:57

Instrument :

BNA_N

ClientSampleId :

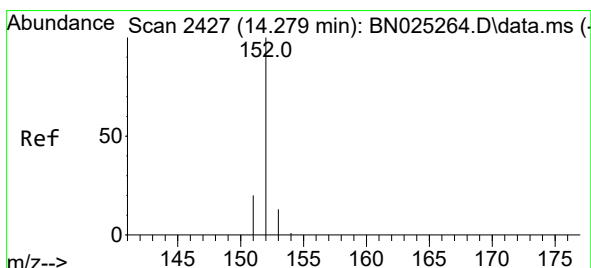
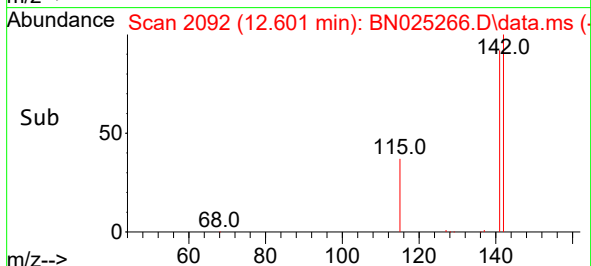
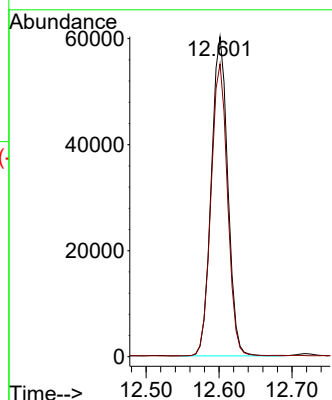
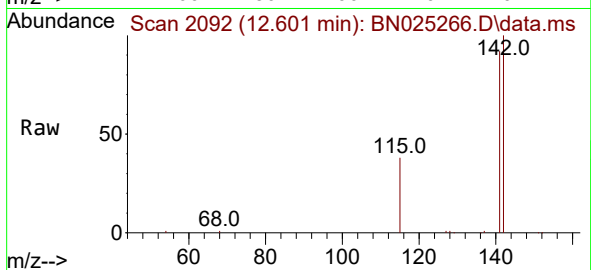
EW916

Tgt Ion:142 Resp: 94691

Ion Ratio Lower Upper

142 100

141 91.8 73.8 110.6



#10

Acenaphthylene

Concen: 4.583 ng/ul

RT: 14.279 min Scan# 2427

Delta R.T. 0.001 min

Lab File: BN025266.D

Acq: 04 May 2023 15:57

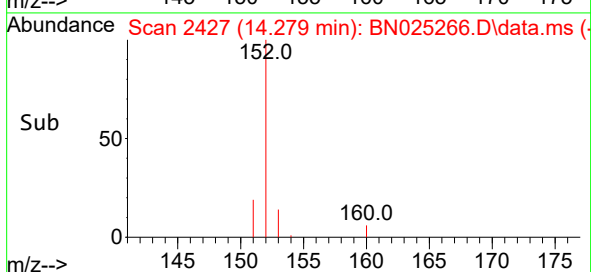
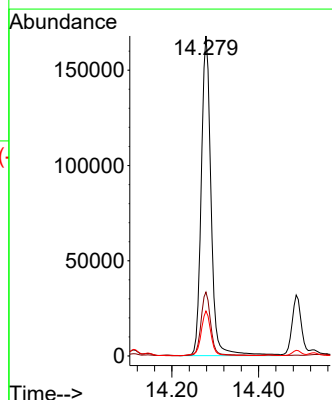
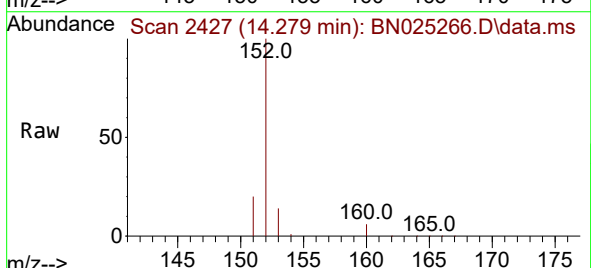
Tgt Ion:152 Resp: 263622

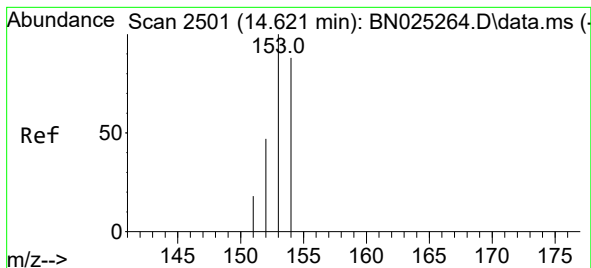
Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 14.0 10.8 16.2





#11

Acenaphthene

Concen: 1.880 ng/ul

RT: 14.621 min Scan# 2114

Delta R.T. 0.001 min

Lab File: BN025266.D

Acq: 04 May 2023 15:57

Instrument :

BNA_N

ClientSampleId :

EW916

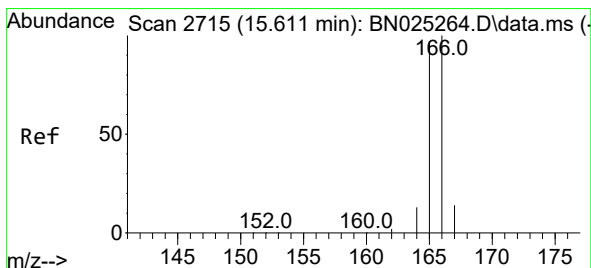
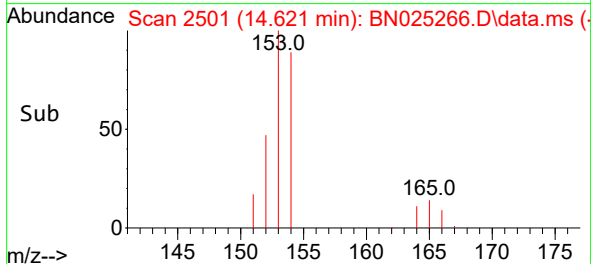
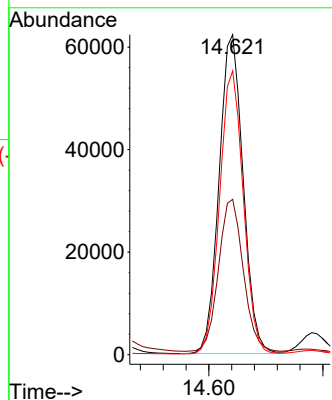
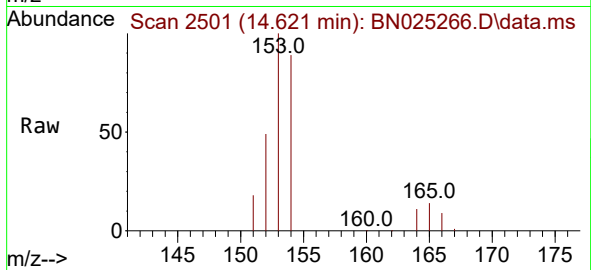
Tgt Ion:153 Resp: 91146

Ion Ratio Lower Upper

153 100

152 48.5 40.2 60.4

154 88.7 69.4 104.2



#12

Fluorene

Concen: 3.722 ng/ul

RT: 15.606 min Scan# 2714

Delta R.T. -0.004 min

Lab File: BN025266.D

Acq: 04 May 2023 15:57

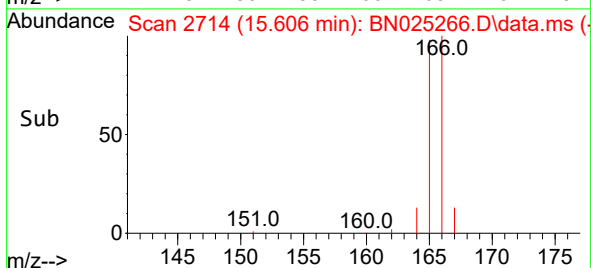
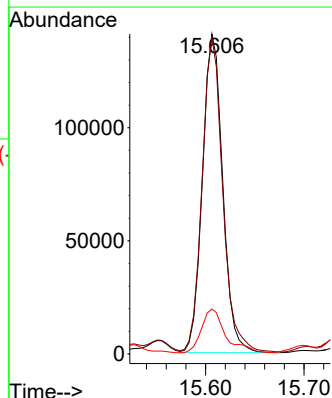
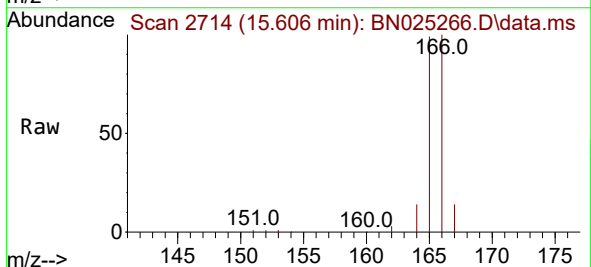
Tgt Ion:166 Resp: 201792

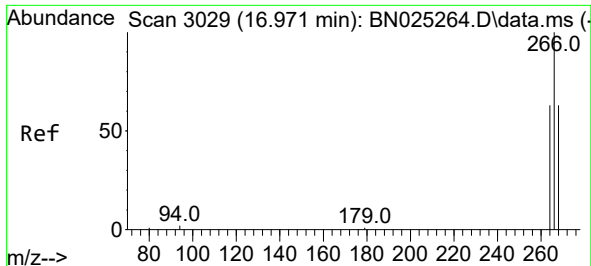
Ion Ratio Lower Upper

166 100

165 99.0 78.1 117.1

167 14.0 11.0 16.6

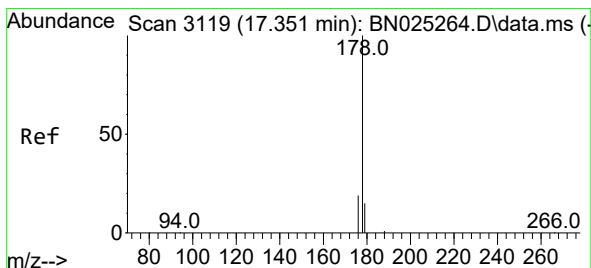
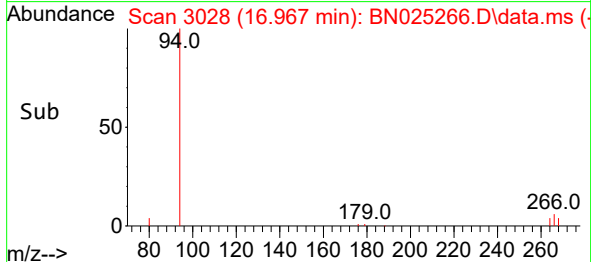
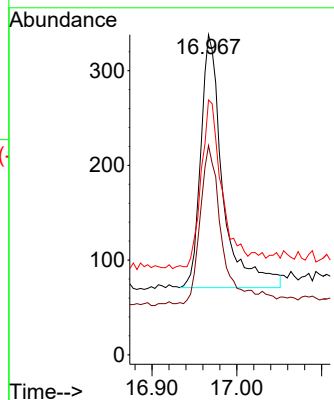
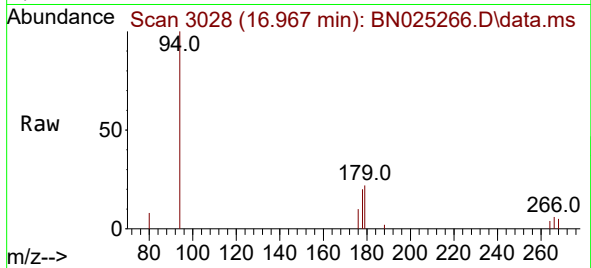




#14
 Pentachlorophenol
 Concen: 0.103 ng/ul
 RT: 16.967 min Scan# 3028
 Delta R.T. 0.001 min
 Lab File: BN025266.D
 Acq: 04 May 2023 15:57

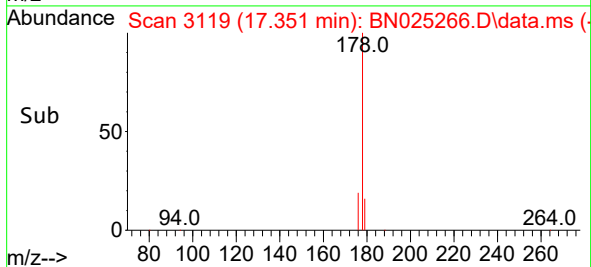
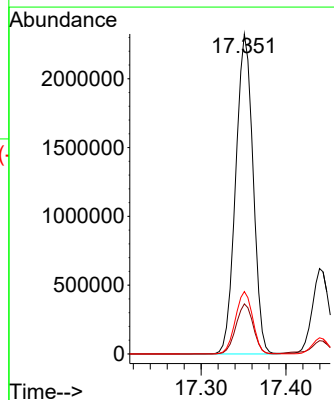
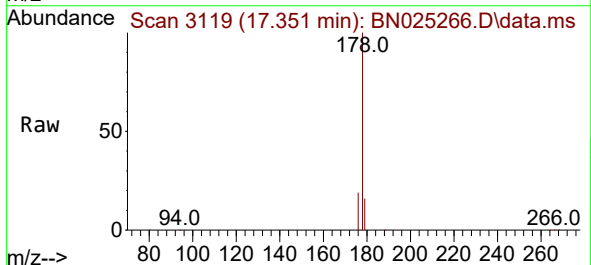
Instrument :
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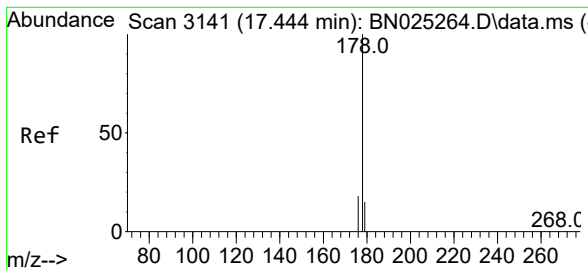
Tgt Ion:266 Resp: 481
 Ion Ratio Lower Upper
 266 100
 264 62.6 49.6 74.4
 268 70.5 51.3 76.9



#15
 Phenanthrene
 Concen: 48.964 ng/ul
 RT: 17.351 min Scan# 3119
 Delta R.T. 0.001 min
 Lab File: BN025266.D
 Acq: 04 May 2023 15:57

Tgt Ion:178 Resp: 3300521
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.5 18.7
 176 19.5 15.6 23.4

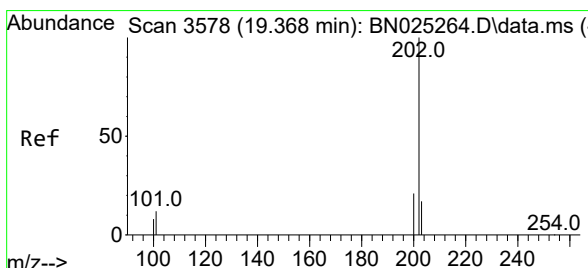
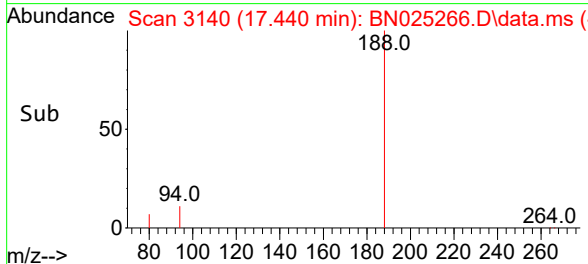
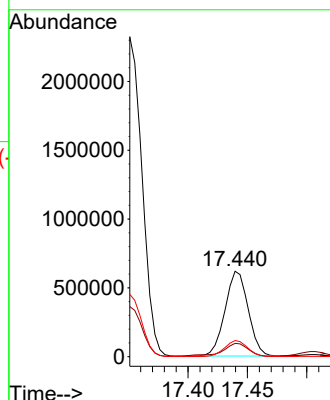
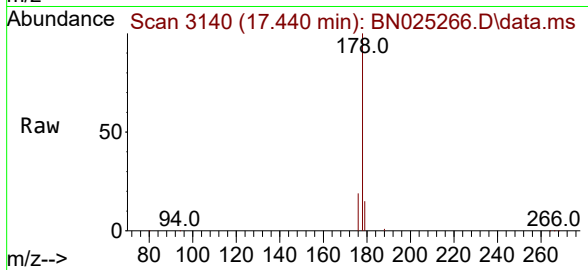




#16
 Anthracene
 Concen: 15.177 ng/ul
 RT: 17.440 min Scan# 3141
 Delta R.T. -0.003 min
 Lab File: BN025266.D
 Acq: 04 May 2023 15:57

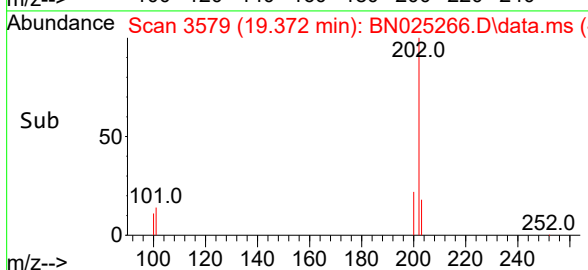
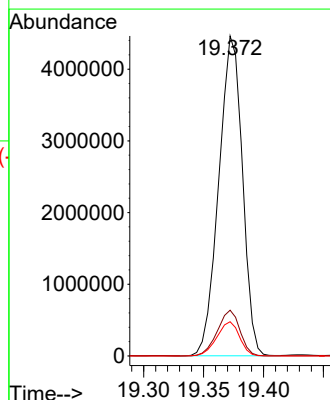
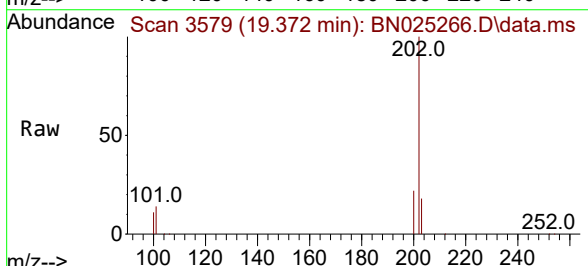
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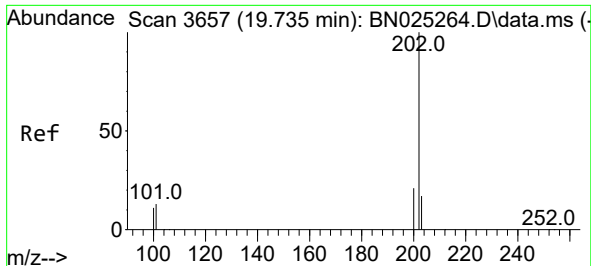
Tgt Ion:178 Resp: 836946
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.7 19.1
 176 18.9 15.3 22.9



#19
 Fluoranthene
 Concen: 103.554 ng/ul
 RT: 19.372 min Scan# 3579
 Delta R.T. 0.001 min
 Lab File: BN025266.D
 Acq: 04 May 2023 15:57

Tgt Ion:202 Resp: 6127467
 Ion Ratio Lower Upper
 202 100
 101 14.3 9.7 14.5
 100 10.7 7.3 10.9

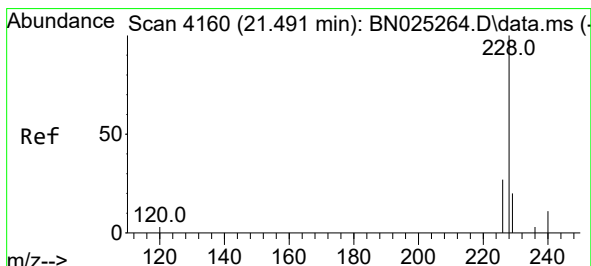
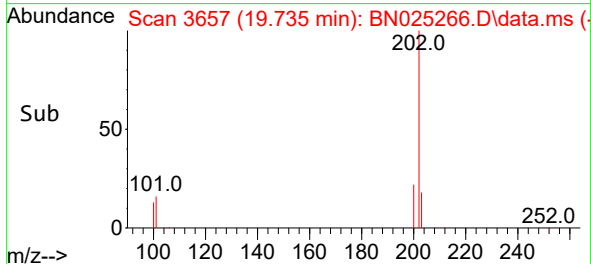
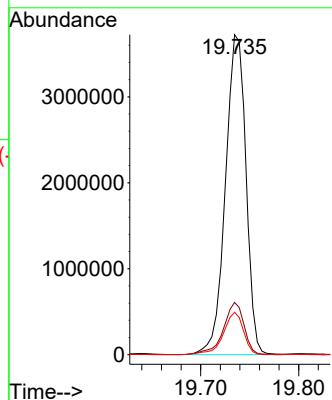
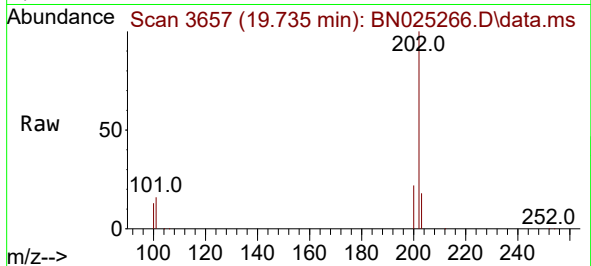




#20
Pyrene
Concen: 89.292 ng/ul
RT: 19.735 min Scan# 30
Delta R.T. 0.001 min
Lab File: BN025266.D
Acq: 04 May 2023 15:57

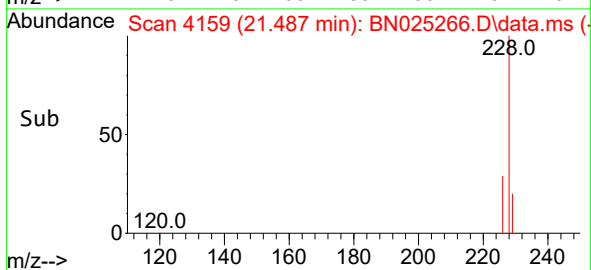
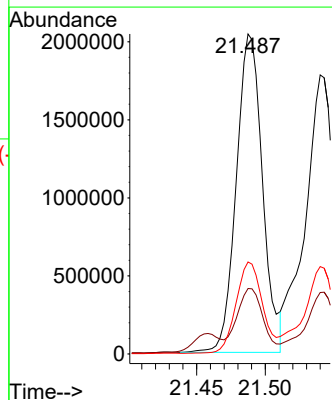
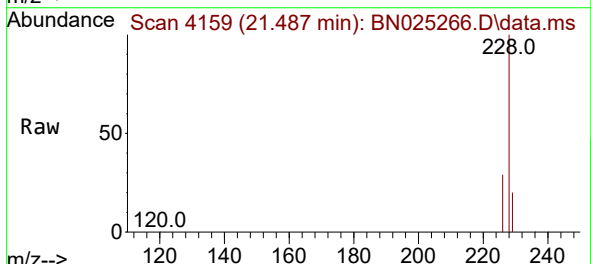
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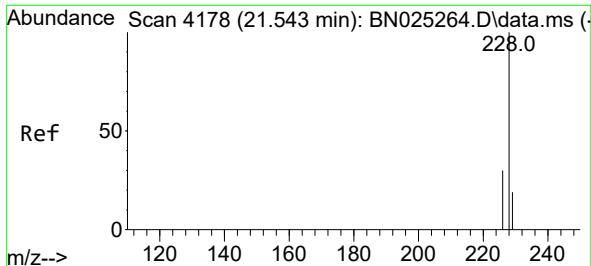
Tgt Ion:202 Resp: 5428555
Ion Ratio Lower Upper
202 100
101 16.4 11.3 16.9
100 13.2 9.2 13.8



#21
Benzo(a)anthracene
Concen: 54.862 ng/ul
RT: 21.487 min Scan# 4159
Delta R.T. 0.001 min
Lab File: BN025266.D
Acq: 04 May 2023 15:57

Tgt Ion:228 Resp: 2705133
Ion Ratio Lower Upper
228 100
229 20.4 15.6 23.4
226 28.7 22.1 33.1





#22

Chrysene

Concen: 48.390 ng/ul

RT: 21.540 min Scan# 4178

Delta R.T. 0.001 min

Lab File: BN025266.D

Acq: 04 May 2023 15:57

Instrument :

BNA_N

ClientSampleId :

EW916

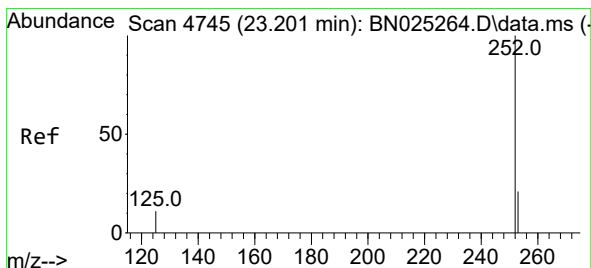
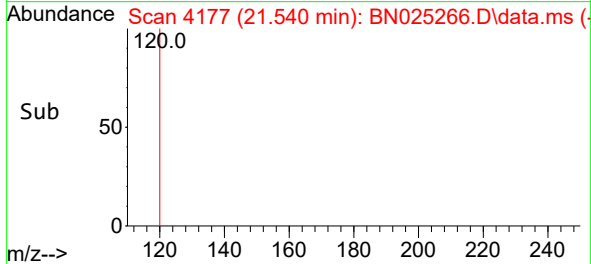
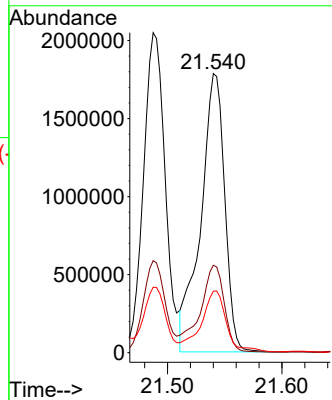
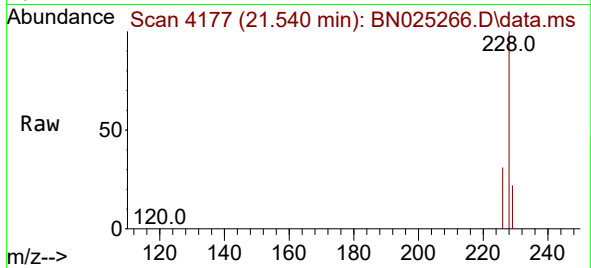
Tgt Ion:228 Resp: 2602803

Ion Ratio Lower Upper

228 100

226 31.3 24.5 36.7

229 22.0 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 47.365 ng/ul

RT: 23.206 min Scan# 4747

Delta R.T. 0.010 min

Lab File: BN025266.D

Acq: 04 May 2023 15:57

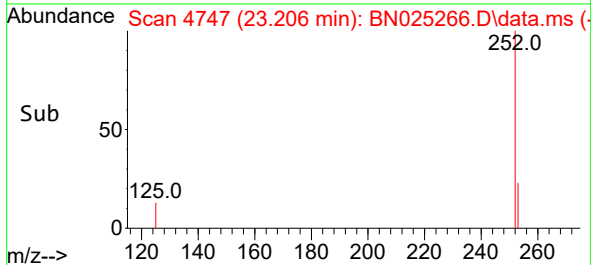
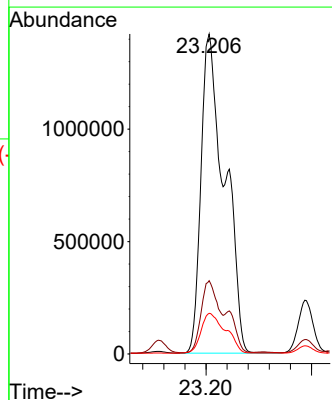
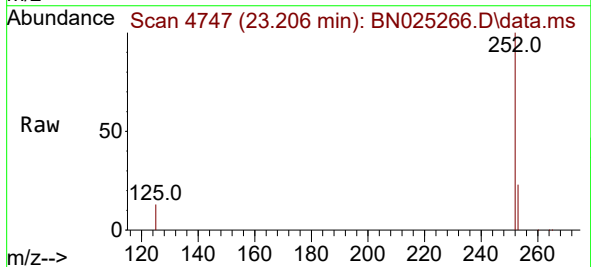
Tgt Ion:252 Resp: 4404426

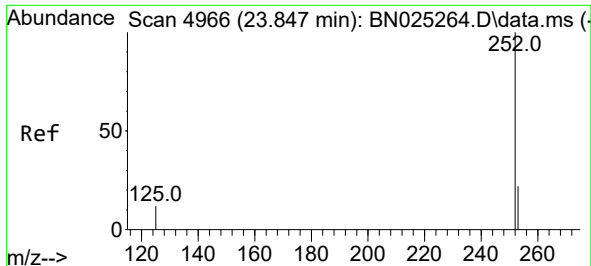
Ion Ratio Lower Upper

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253 22.9 0.0 50.2

125 12.7 0.0 30.4

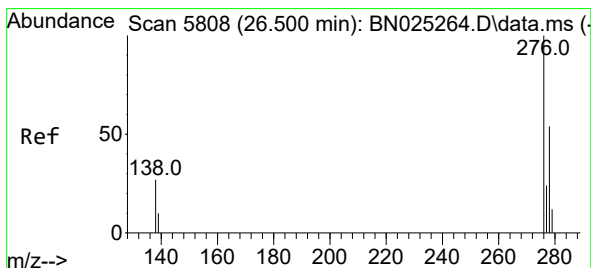
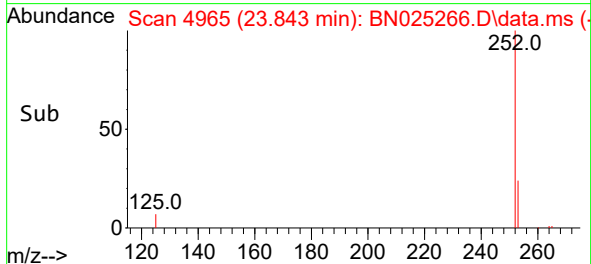
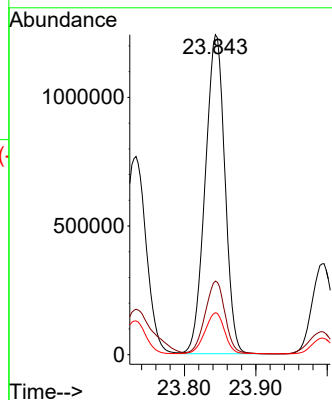
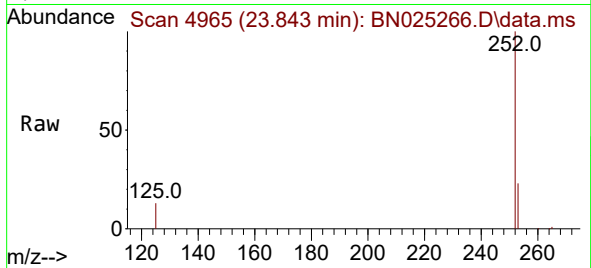




#26
Benzo(a)pyrene
Concen: 30.900 ng/ul
RT: 23.843 min Scan# 4966
Delta R.T. 0.015 min
Lab File: BN025266.D
Acq: 04 May 2023 15:57

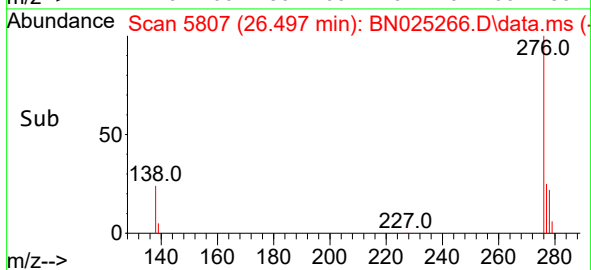
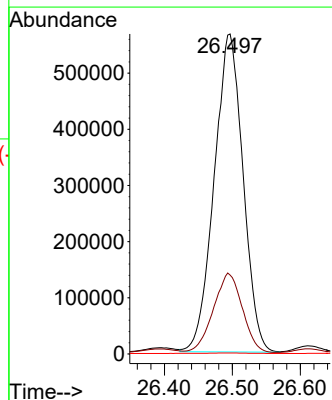
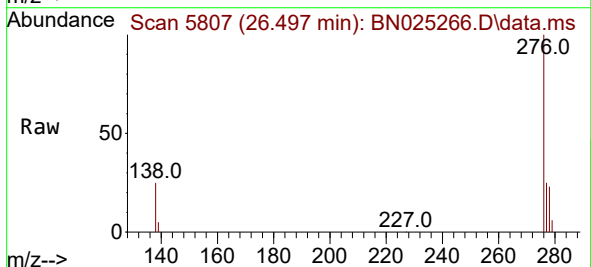
Instrument :
BNA_N
ClientSampleId :
EW916

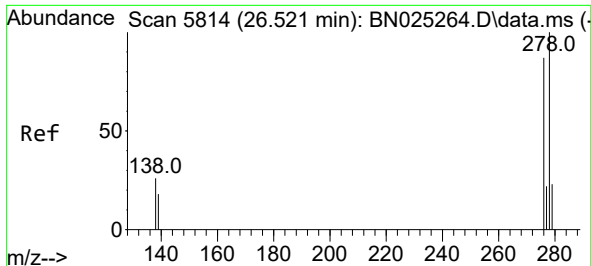
Tgt Ion:252 Resp: 2377384
Ion Ratio Lower Upper
252 100
253 23.0 21.4 32.2
125 13.1 14.6 22.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 18.851 ng/ul
RT: 26.497 min Scan# 5807
Delta R.T. 0.021 min
Lab File: BN025266.D
Acq: 04 May 2023 15:57

Tgt Ion:276 Resp: 1671103
Ion Ratio Lower Upper
276 100
138 24.9 21.9 32.9
227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 6.216 ng/ul

RT: 26.497 min Scan# 5814

Delta R.T. 0.004 min

Lab File: BN025266.D

Acq: 04 May 2023 15:57

Instrument :

BNA_N

ClientSampleId :

EW916

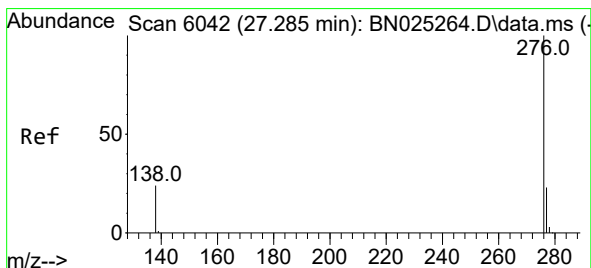
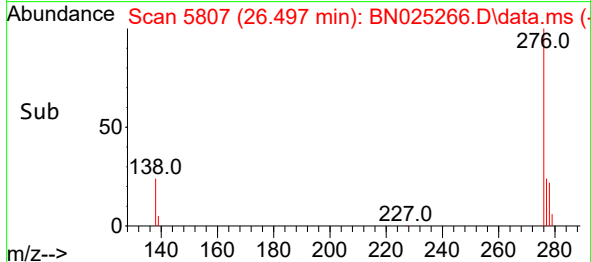
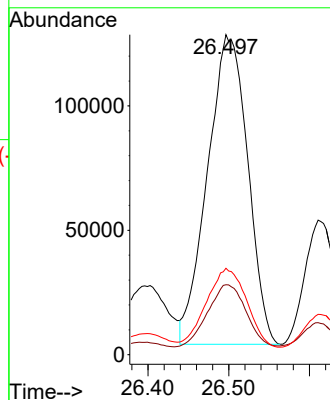
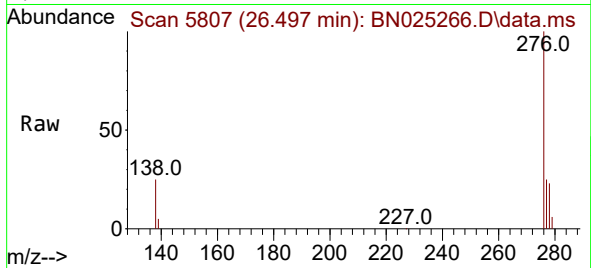
Tgt Ion:278 Resp: 430420

Ion Ratio Lower Upper

278 100

139 21.8 17.0 25.6

279 27.0 21.8 32.8



#29

Benzo(g,h,i)perylene

Concen: 19.694 ng/ul

RT: 27.278 min Scan# 6040

Delta R.T. 0.018 min

Lab File: BN025266.D

Acq: 04 May 2023 15:57

Tgt Ion:276 Resp: 1484487

Ion Ratio Lower Upper

276 100

138 25.1 20.3 30.5

277 23.8 19.8 29.6

