

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
 Data File : BN026462.D
 Acq On : 11 Jul 2023 14:40
 Operator : MA/JU
 Sample : PB153990BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 12 02:12:10 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 09 15:51:14 2023
 Response via : Initial Calibration

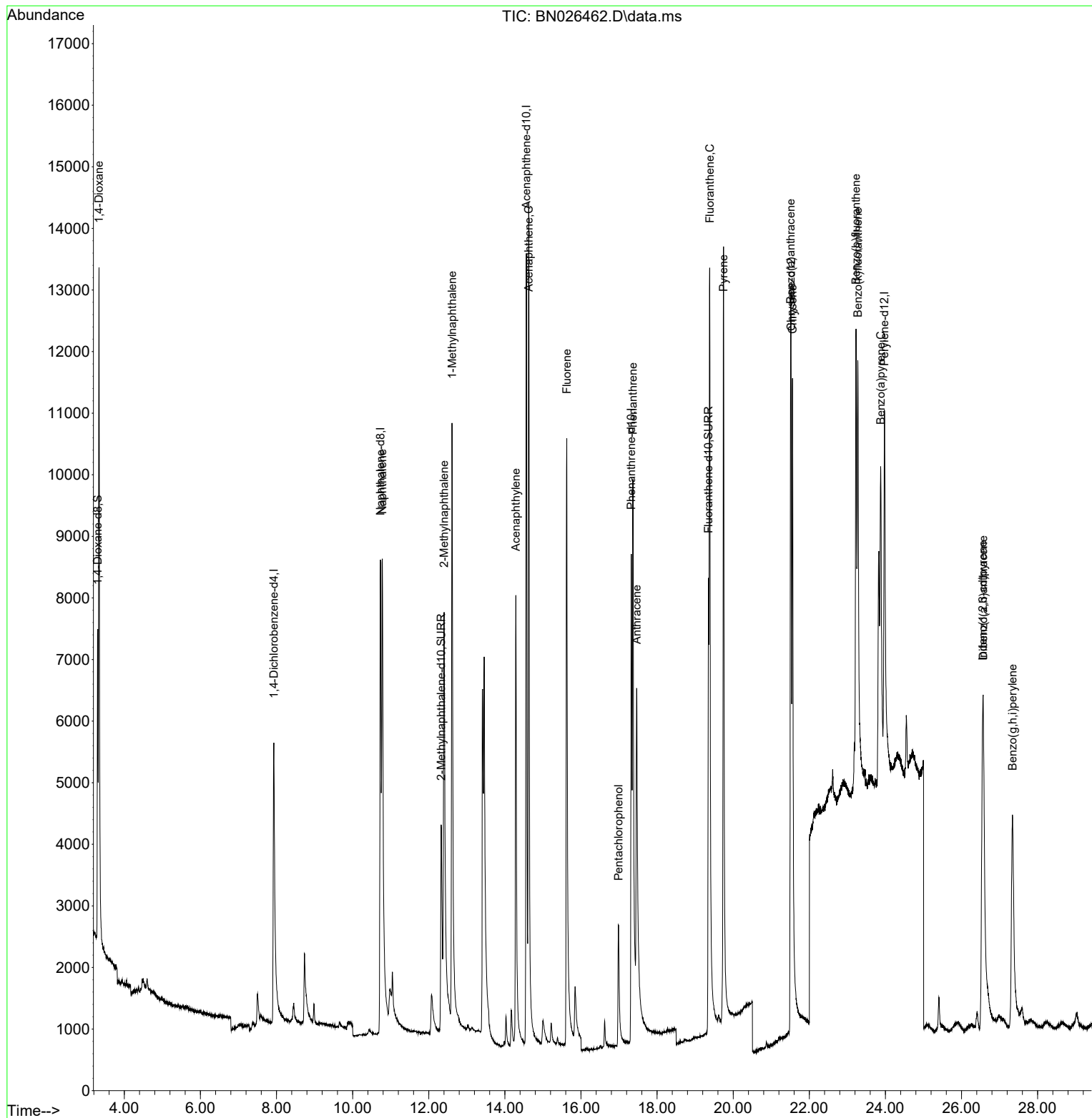
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	4842	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	17049	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.566	164	9036	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	13430	0.400	ng/ul	0.00
17) Chrysene-d12	21.523	240	8774	0.400	ng/ul	0.00
23) Perylene-d12	23.976	264	8823	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	3704	0.679	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	7524	0.287	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	11482	0.344	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	8491	1.467	ng/ul#	87
5) Naphthalene	10.781	128	15804	0.323	ng/ul	99
7) 2-Methylnaphthalene	12.403	142	7813	0.251	ng/ul	98
8) 1-Methylnaphthalene	12.612	142	9175	0.285	ng/ul	100
10) Acenaphthylene	14.288	152	12098	0.286	ng/ul	99
11) Acenaphthene	14.626	153	10255	0.296	ng/ul	99
12) Fluorene	15.625	166	10028	0.253	ng/ul	98
14) Pentachlorophenol	16.988	266	2140	0.445	ng/ul	99
15) Phenanthrene	17.364	178	13272	0.299	ng/ul	98
16) Anthracene	17.465	178	10544	0.267	ng/ul	96
19) Fluoranthene	19.382	202	14297	0.305	ng/ul	98
20) Pyrene	19.744	202	15409	0.316	ng/ul	98
21) Benzo(a)anthracene	21.509	228	10150	0.280	ng/ul	99
22) Chrysene	21.558	228	11815	0.314	ng/ul	99
24) Benzo(b)fluoranthene	23.227	252	11612	0.308	ng/ul	89
25) Benzo(k)fluoranthene	23.277	252	12253	0.324	ng/ul	92
26) Benzo(a)pyrene	23.876	252	10033	0.307	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.558	276	11634	0.326	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.571	278	8758	0.324	ng/ul#	88
29) Benzo(g,h,i)perylene	27.339	276	10705	0.337	ng/ul	96

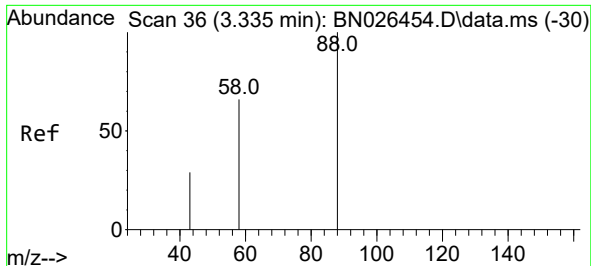
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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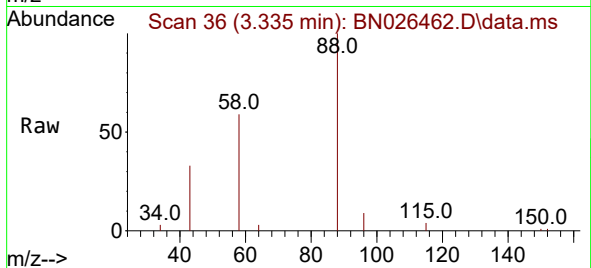
Quant Time: Jul 12 02:12:10 2023
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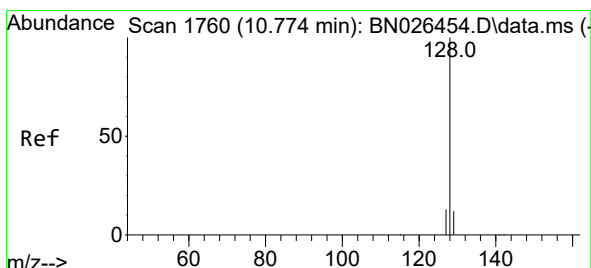
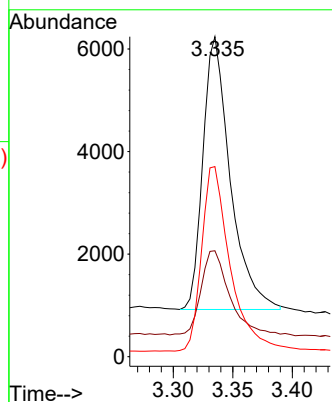
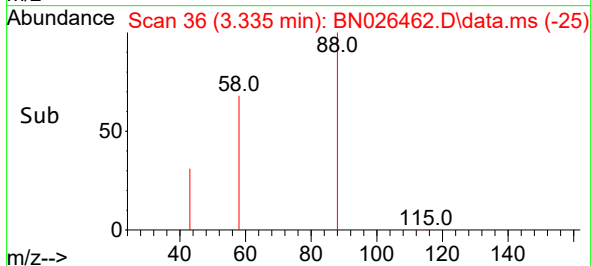


#2
1,4-Dioxane
Concen: 1.467 ng/ul
RT: 3.335 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN026462.D
Acq: 11 Jul 2023 14:40

Instrument :
BNA_N
ClientSampleId :

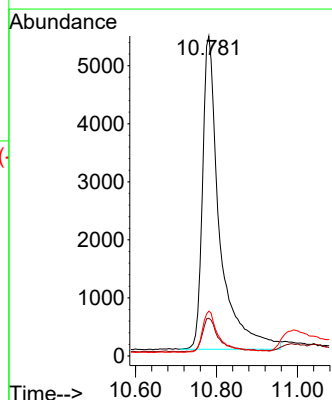
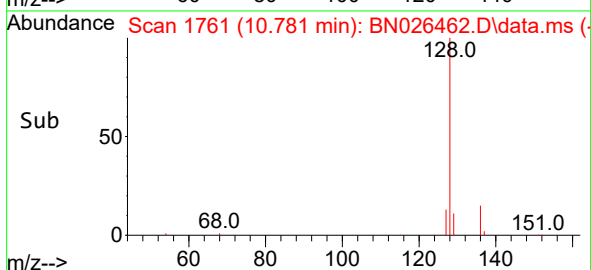
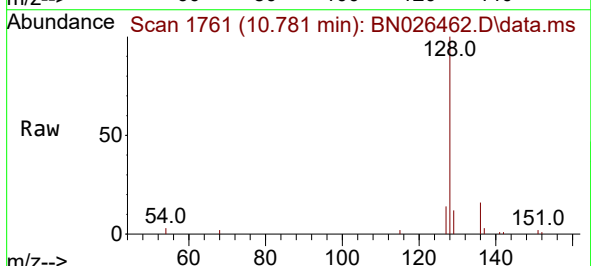


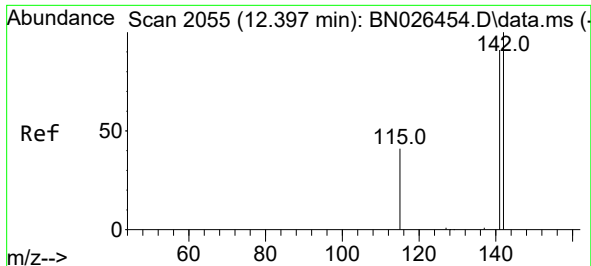
Tgt Ion: 88 Resp: 8491
Ion Ratio Lower Upper
88 100
43 33.1 29.5 44.3
58 59.4 37.4 56.2#



#5
Naphthalene
Concen: 0.323 ng/ul
RT: 10.781 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BN026462.D
Acq: 11 Jul 2023 14:40

Tgt Ion:128 Resp: 15804
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 14.0 10.7 16.1

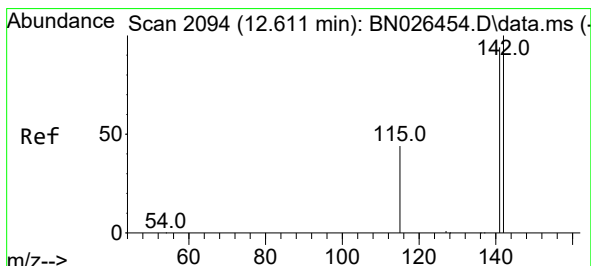
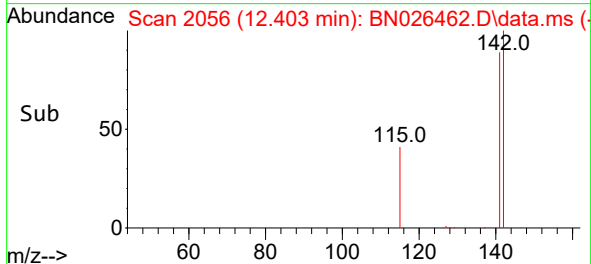
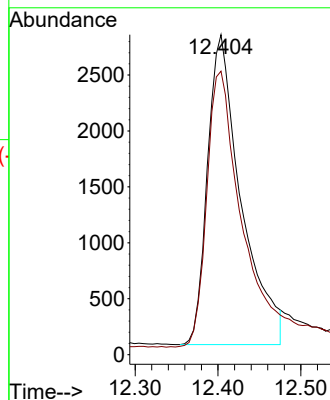
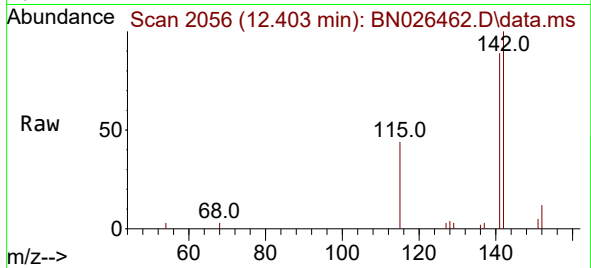




#7
2-Methylnaphthalene
Concen: 0.251 ng/ul
RT: 12.403 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BN026462.D
Acq: 11 Jul 2023 14:40

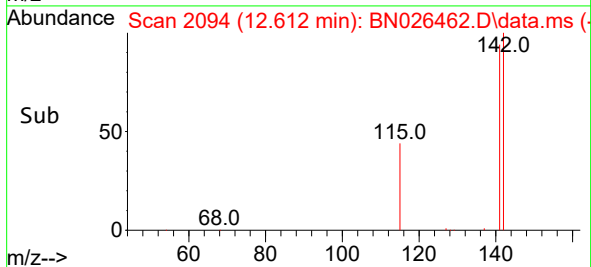
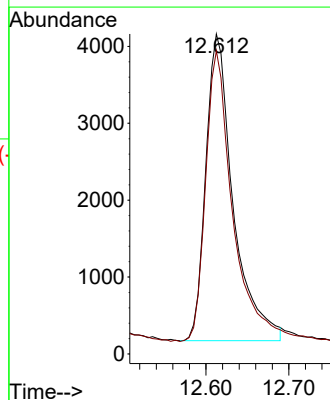
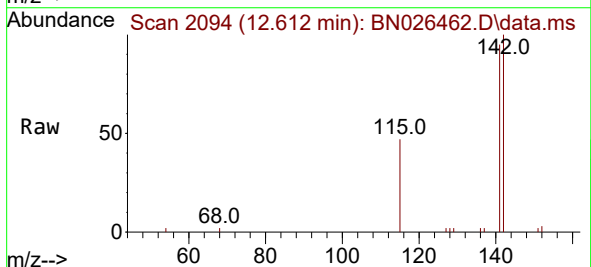
Instrument :
BNA_N
ClientSampleId :

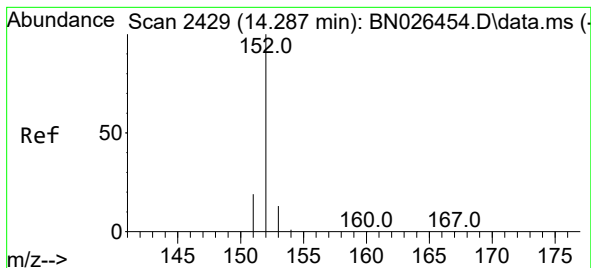
Tgt Ion:142 Resp: 7813
Ion Ratio Lower Upper
142 100
141 91.6 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.285 ng/ul
RT: 12.612 min Scan# 2094
Delta R.T. -0.005 min
Lab File: BN026462.D
Acq: 11 Jul 2023 14:40

Tgt Ion:142 Resp: 9175
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.4





#10

Acenaphthylene

Concen: 0.286 ng/ul

RT: 14.288 min Scan# 2429

Delta R.T. -0.005 min

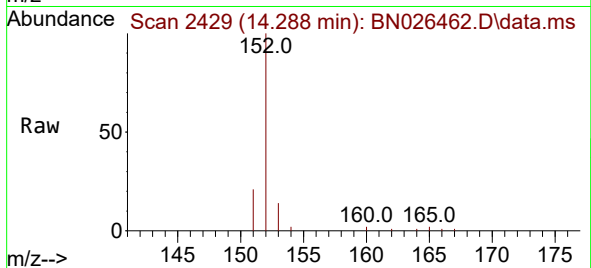
Lab File: BN026462.D

Acq: 11 Jul 2023 14:40

Instrument :

BNA_N

ClientSampleId :



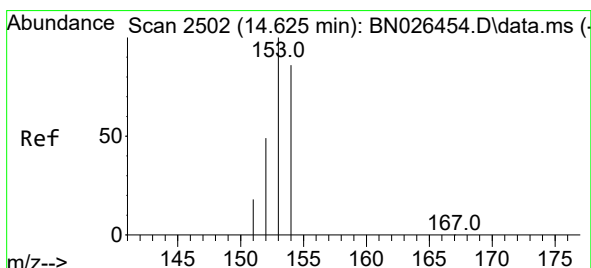
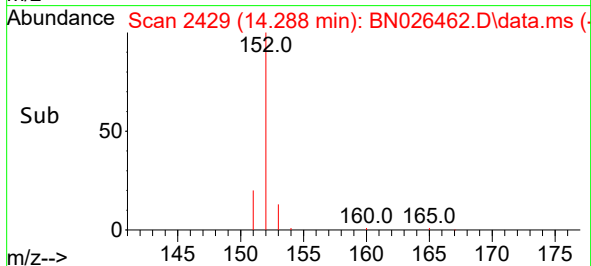
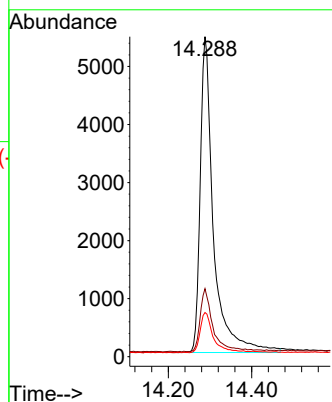
Tgt Ion:152 Resp: 12098

Ion Ratio Lower Upper

152 100

151 21.3 16.2 24.4

153 13.8 10.9 16.3



#11

Acenaphthene

Concen: 0.296 ng/ul

RT: 14.626 min Scan# 2502

Delta R.T. -0.005 min

Lab File: BN026462.D

Acq: 11 Jul 2023 14:40

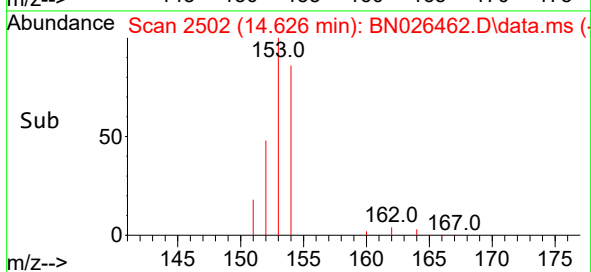
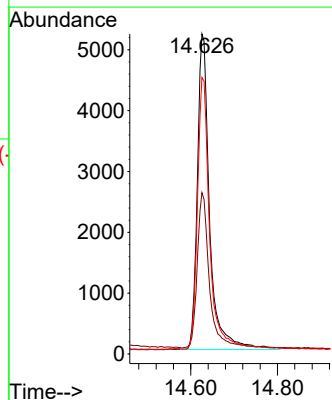
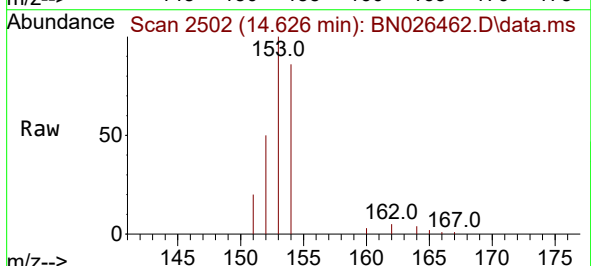
Tgt Ion:153 Resp: 10255

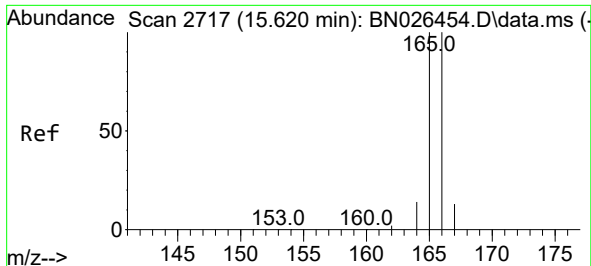
Ion Ratio Lower Upper

153 100

152 50.4 39.4 59.0

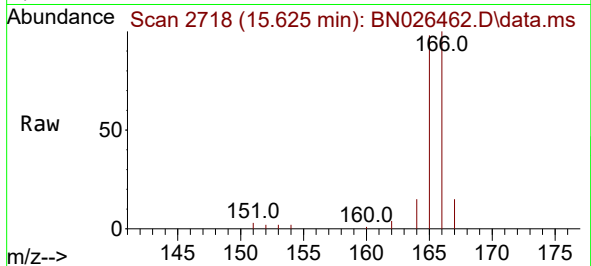
154 86.4 68.9 103.3



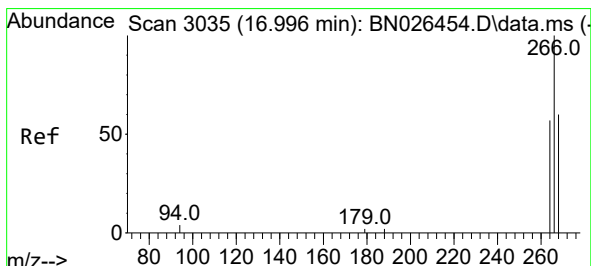
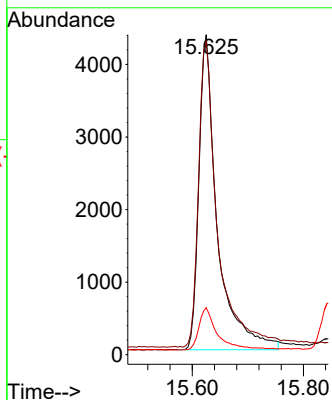
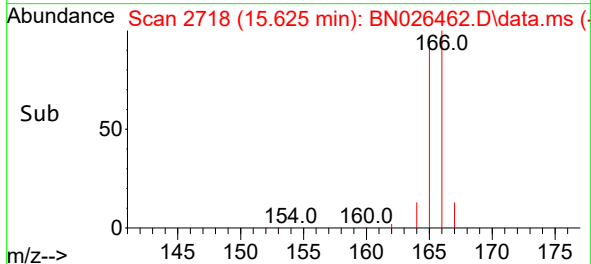


#12
Fluorene
Concen: 0.253 ng/ul
RT: 15.625 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026462.D
Acq: 11 Jul 2023 14:40

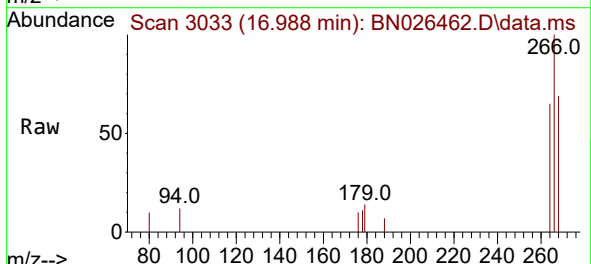
Instrument :
BNA_N
ClientSampleId :



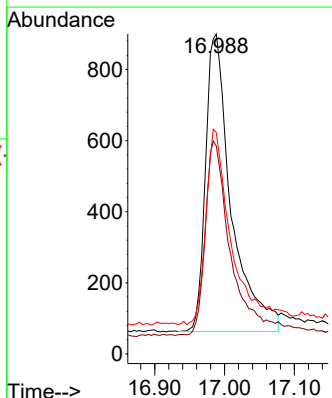
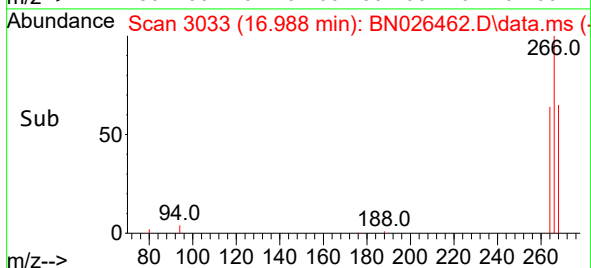
Tgt Ion:166 Resp: 10028
Ion Ratio Lower Upper
166 100
165 97.9 79.9 119.9
167 14.7 10.8 16.2

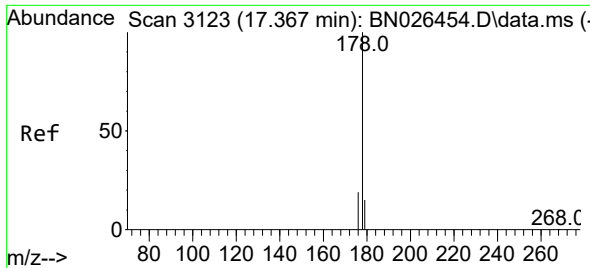


#14
Pentachlorophenol
Concen: 0.445 ng/ul
RT: 16.988 min Scan# 3033
Delta R.T. -0.008 min
Lab File: BN026462.D
Acq: 11 Jul 2023 14:40



Tgt Ion:266 Resp: 2140
Ion Ratio Lower Upper
266 100
264 63.9 50.5 75.7
268 64.7 51.6 77.4

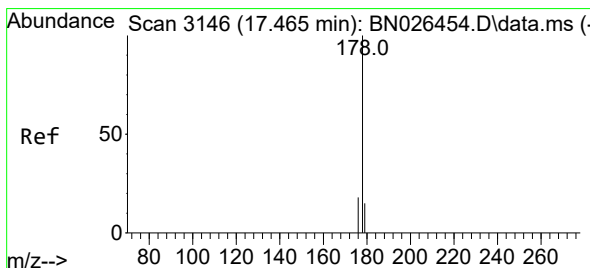
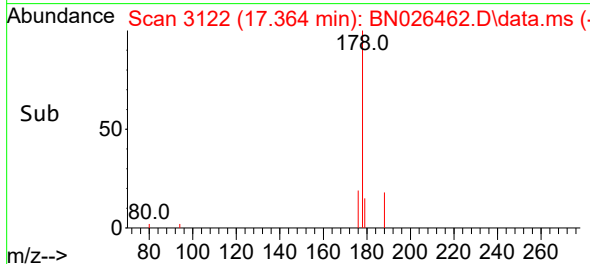
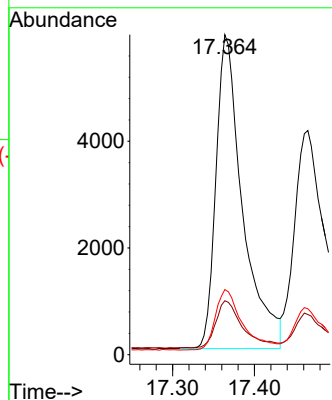
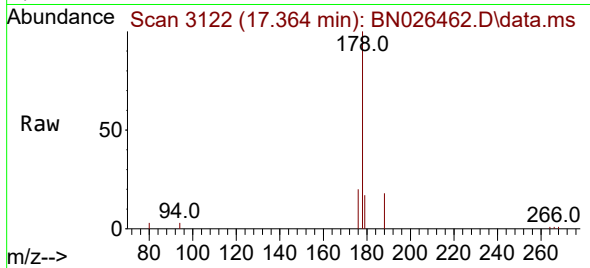




#15
Phenanthrene
Concen: 0.299 ng/ul
RT: 17.364 min Scan# 3122
Delta R.T. -0.004 min
Lab File: BN026462.D
Acq: 11 Jul 2023 14:40

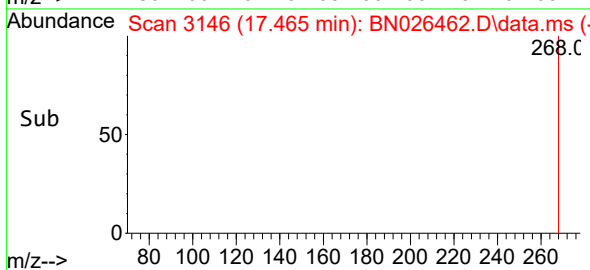
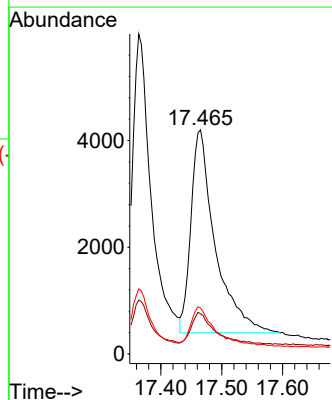
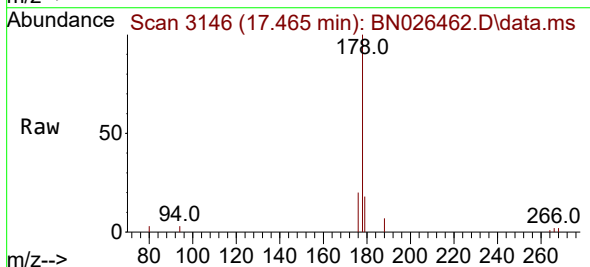
Instrument :
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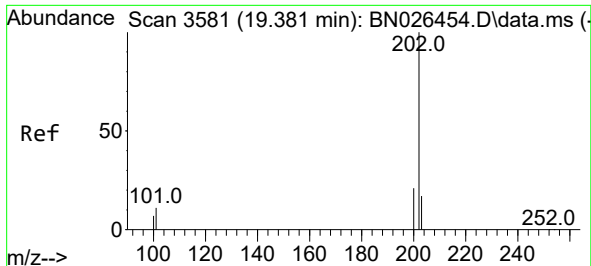
Tgt Ion:178 Resp: 13272
Ion Ratio Lower Upper
178 100
179 16.9 12.6 19.0
176 20.3 15.8 23.6



#16
Anthracene
Concen: 0.267 ng/ul
RT: 17.465 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BN026462.D
Acq: 11 Jul 2023 14:40

Tgt Ion:178 Resp: 10544
Ion Ratio Lower Upper
178 100
179 17.9 12.6 18.8
176 20.5 15.1 22.7

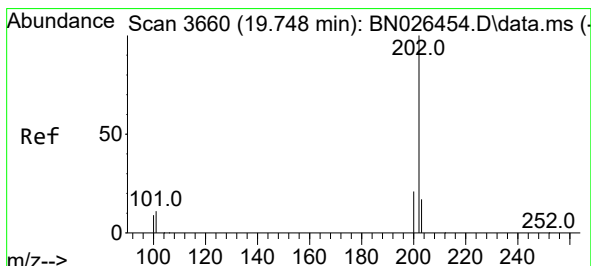
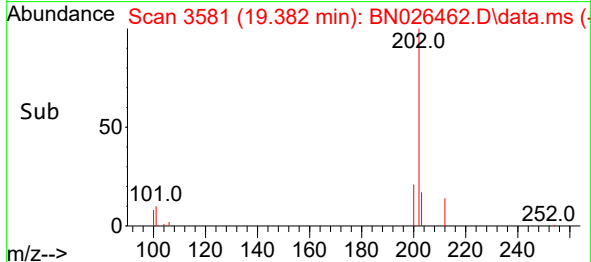
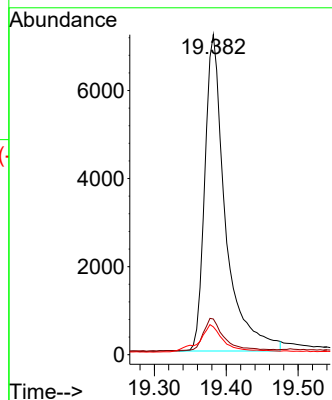
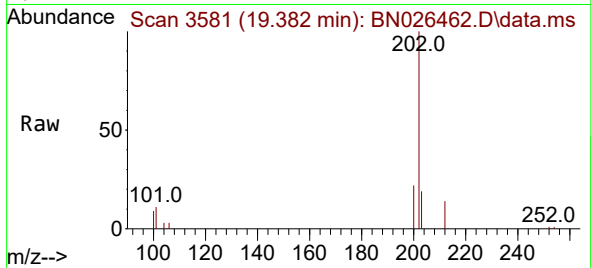




#19
Fluoranthene
Concen: 0.305 ng/ul
RT: 19.382 min Scan# 3581
Delta R.T. -0.005 min
Lab File: BN026462.D
Acq: 11 Jul 2023 14:40

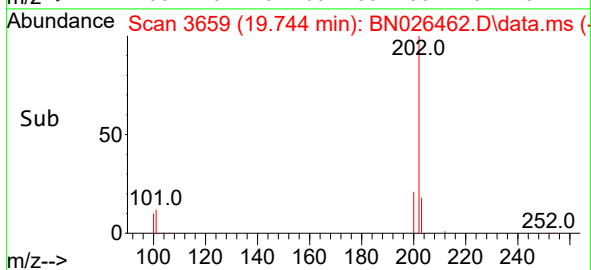
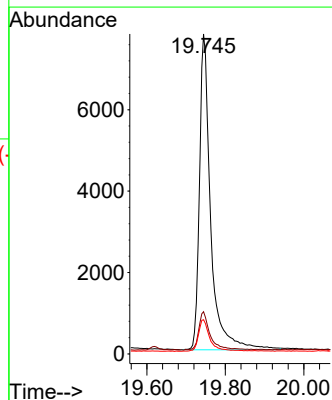
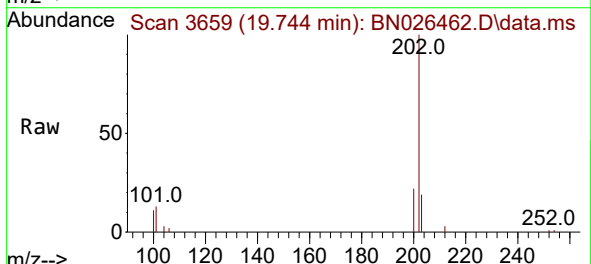
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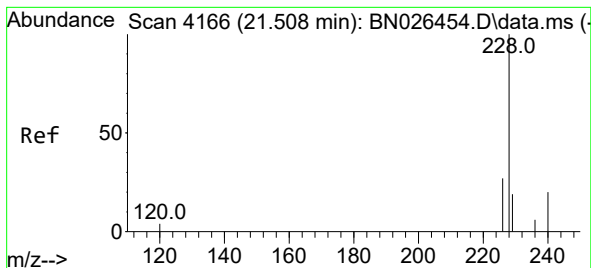
Tgt Ion:202 Resp: 14297
Ion Ratio Lower Upper
202 100
101 11.1 9.5 14.3
100 8.7 7.3 10.9



#20
Pyrene
Concen: 0.316 ng/ul
RT: 19.744 min Scan# 3659
Delta R.T. -0.005 min
Lab File: BN026462.D
Acq: 11 Jul 2023 14:40

Tgt Ion:202 Resp: 15409
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 10.7 9.1 13.7





#21

Benzo(a)anthracene

Concen: 0.280 ng/ul

RT: 21.509 min Scan# 4166

Delta R.T. 0.009 min

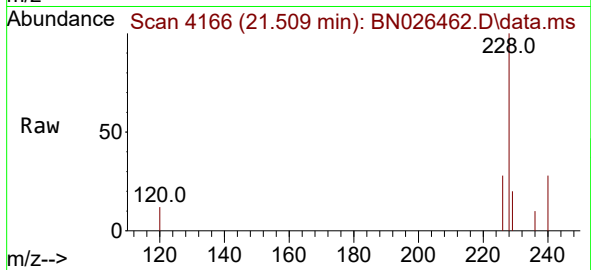
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BNA_N

ClientSampleId :



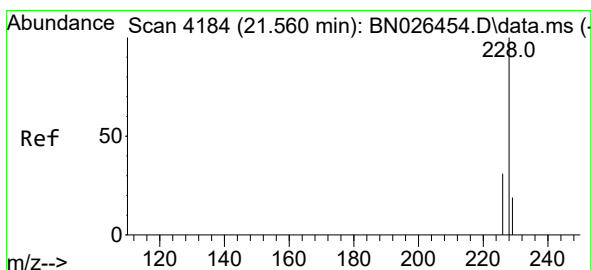
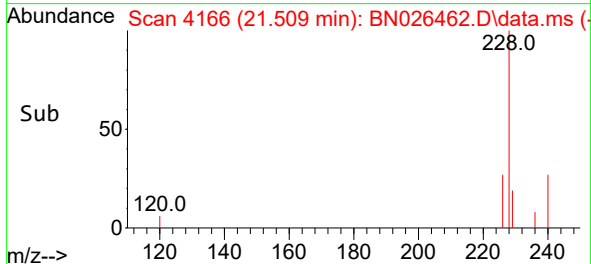
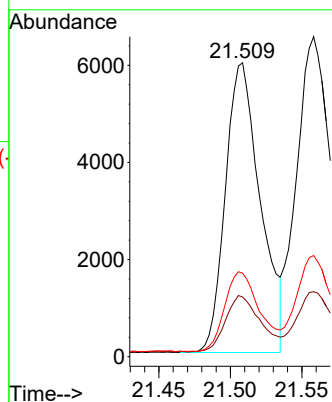
Tgt Ion:228 Resp: 10150

Ion Ratio Lower Upper

228 100

229 20.3 15.8 23.6

226 28.4 22.5 33.7



#22

Chrysene

Concen: 0.314 ng/ul

RT: 21.558 min Scan# 4183

Delta R.T. 0.006 min

Lab File: BN026462.D

Acq: 11 Jul 2023 14:40

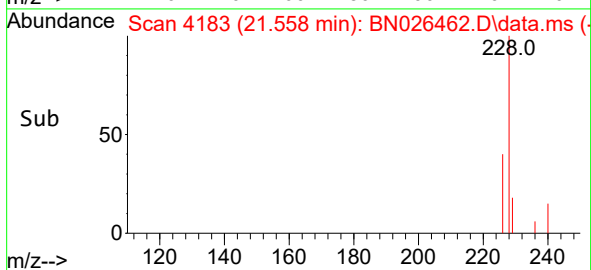
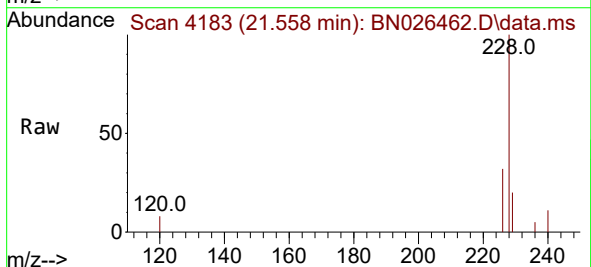
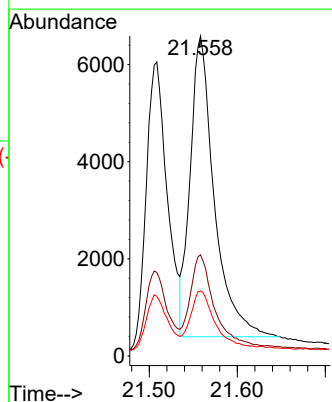
Tgt Ion:228 Resp: 11815

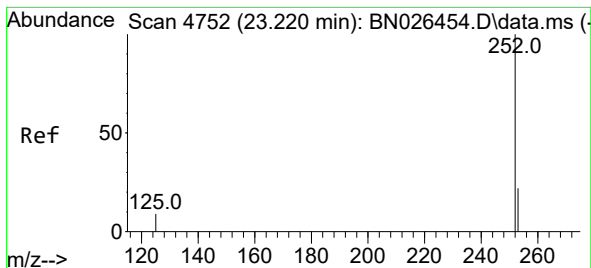
Ion Ratio Lower Upper

228 100

226 31.6 24.8 37.2

229 20.3 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.308 ng/ul

RT: 23.227 min Scan# 4752

Delta R.T. 0.009 min

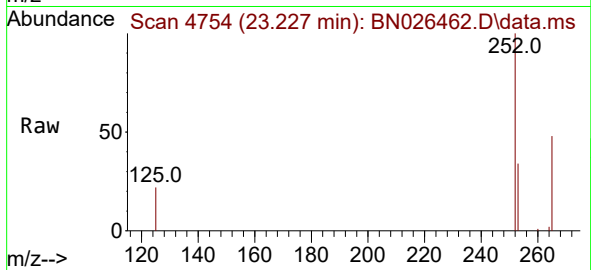
Lab File: BN026462.D

Acq: 11 Jul 2023 14:40

Instrument :

BNA_N

ClientSampleId :



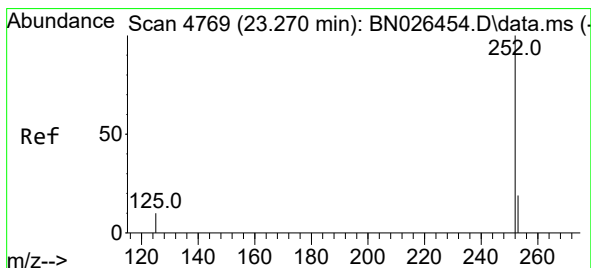
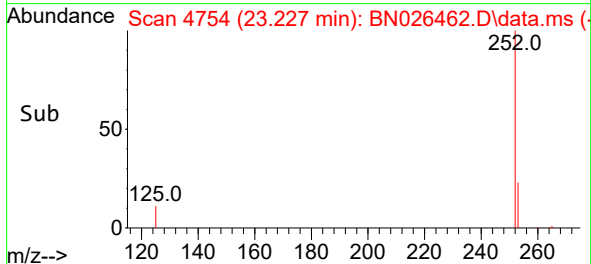
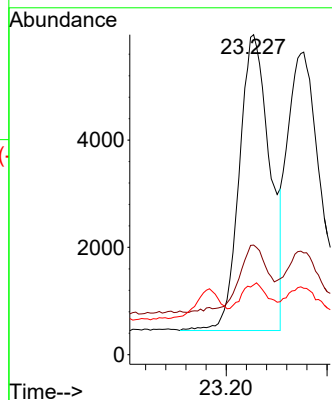
Tgt Ion:252 Resp: 11612

Ion Ratio Lower Upper

252 100

253 34.2 0.0 55.6

125 21.8 0.0 35.8



#25

Benzo(k)fluoranthene

Concen: 0.324 ng/ul

RT: 23.277 min Scan# 4771

Delta R.T. 0.015 min

Lab File: BN026462.D

Acq: 11 Jul 2023 14:40

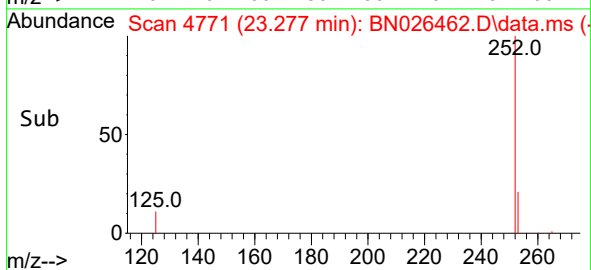
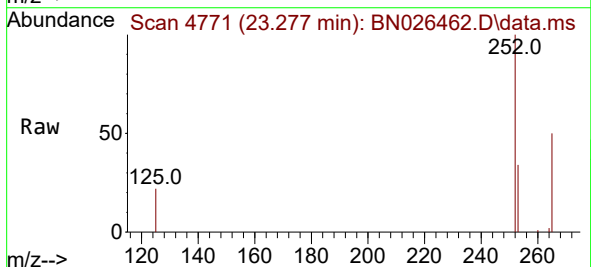
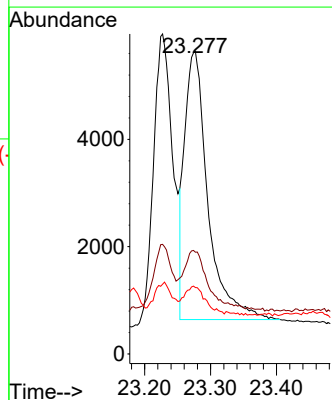
Tgt Ion:252 Resp: 12253

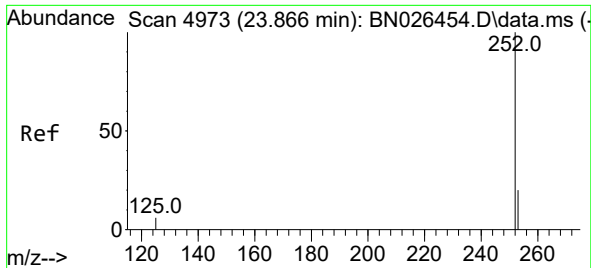
Ion Ratio Lower Upper

252 100

253 33.6 23.2 34.8

125 22.0 15.0 22.4

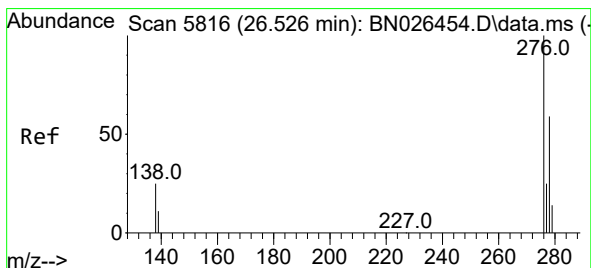
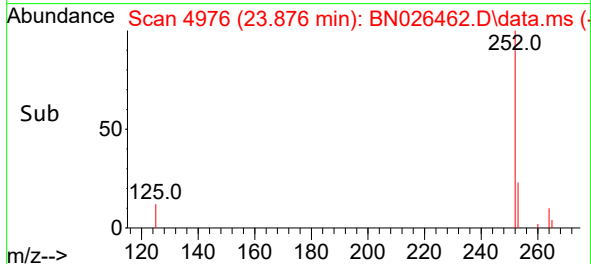
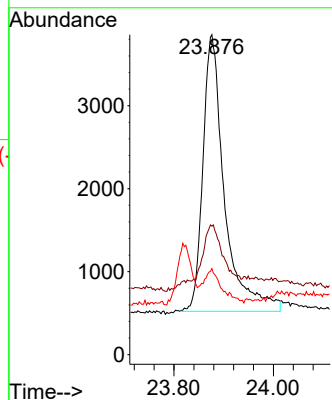
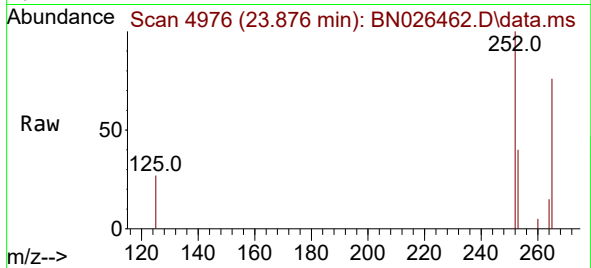




#26
Benzo(a)pyrene
Concen: 0.307 ng/ul
RT: 23.876 min Scan# 4976
Delta R.T. 0.006 min
Lab File: BN026462.D
Acq: 11 Jul 2023 14:40

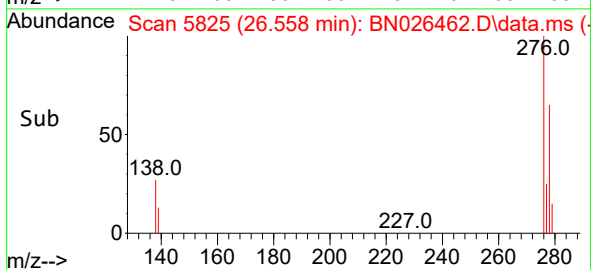
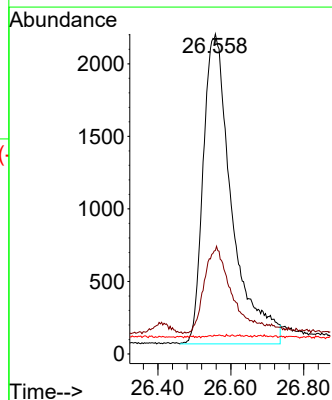
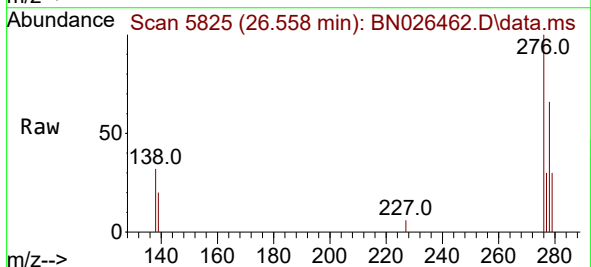
Instrument :
BNA_N
ClientSampleId :

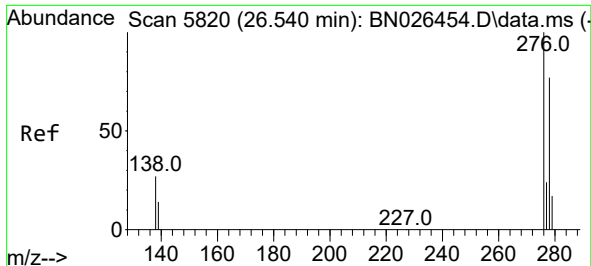
Tgt Ion:252 Resp: 10033
Ion Ratio Lower Upper
252 100
253 40.2 26.0 39.0#
125 26.9 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.326 ng/ul
RT: 26.558 min Scan# 5825
Delta R.T. 0.017 min
Lab File: BN026462.D
Acq: 11 Jul 2023 14:40

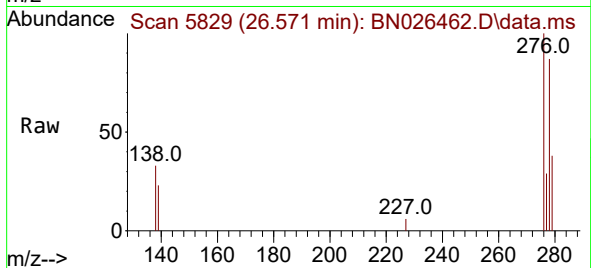
Tgt Ion:276 Resp: 11634
Ion Ratio Lower Upper
276 100
138 27.3 24.5 36.7
227 0.2 0.0 0.0#



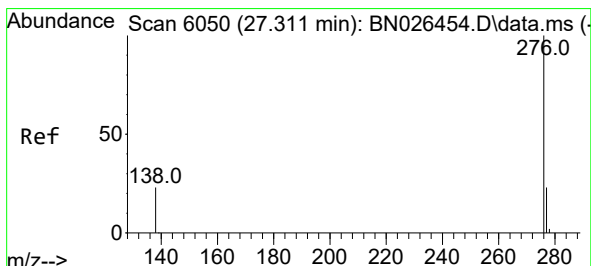
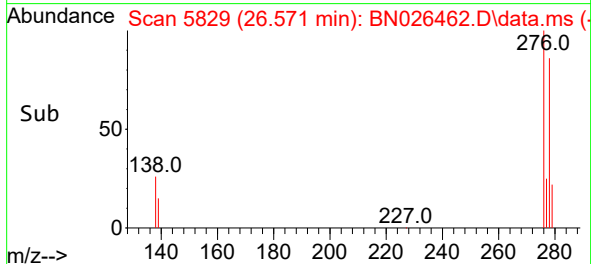
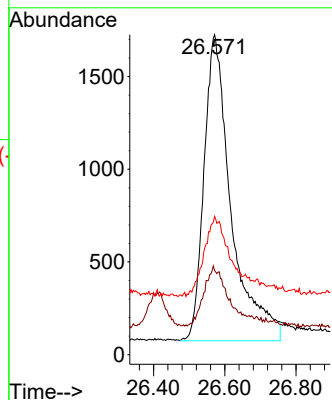


#28
Dibenzo(a,h)anthracene
Concen: 0.324 ng/ul
RT: 26.571 min Scan# 5829
Delta R.T. 0.010 min
Lab File: BN026462.D
Acq: 11 Jul 2023 14:40

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 8758
Ion Ratio Lower Upper
278 100
139 26.3 19.0 28.4
279 43.2 26.7 40.1#



#29
Benzo(g,h,i)perylene
Concen: 0.337 ng/ul
RT: 27.339 min Scan# 6058
Delta R.T. 0.003 min
Lab File: BN026462.D
Acq: 11 Jul 2023 14:40

Tgt Ion:276 Resp: 10705
Ion Ratio Lower Upper
276 100
138 27.4 23.4 35.0
277 27.5 20.0 30.0

