

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027912.D
 Acq On : 27 Sep 2023 22:48
 Operator : MA/JU
 Sample : 04472-10DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYK8DL

Quant Time: Sep 28 00:02:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

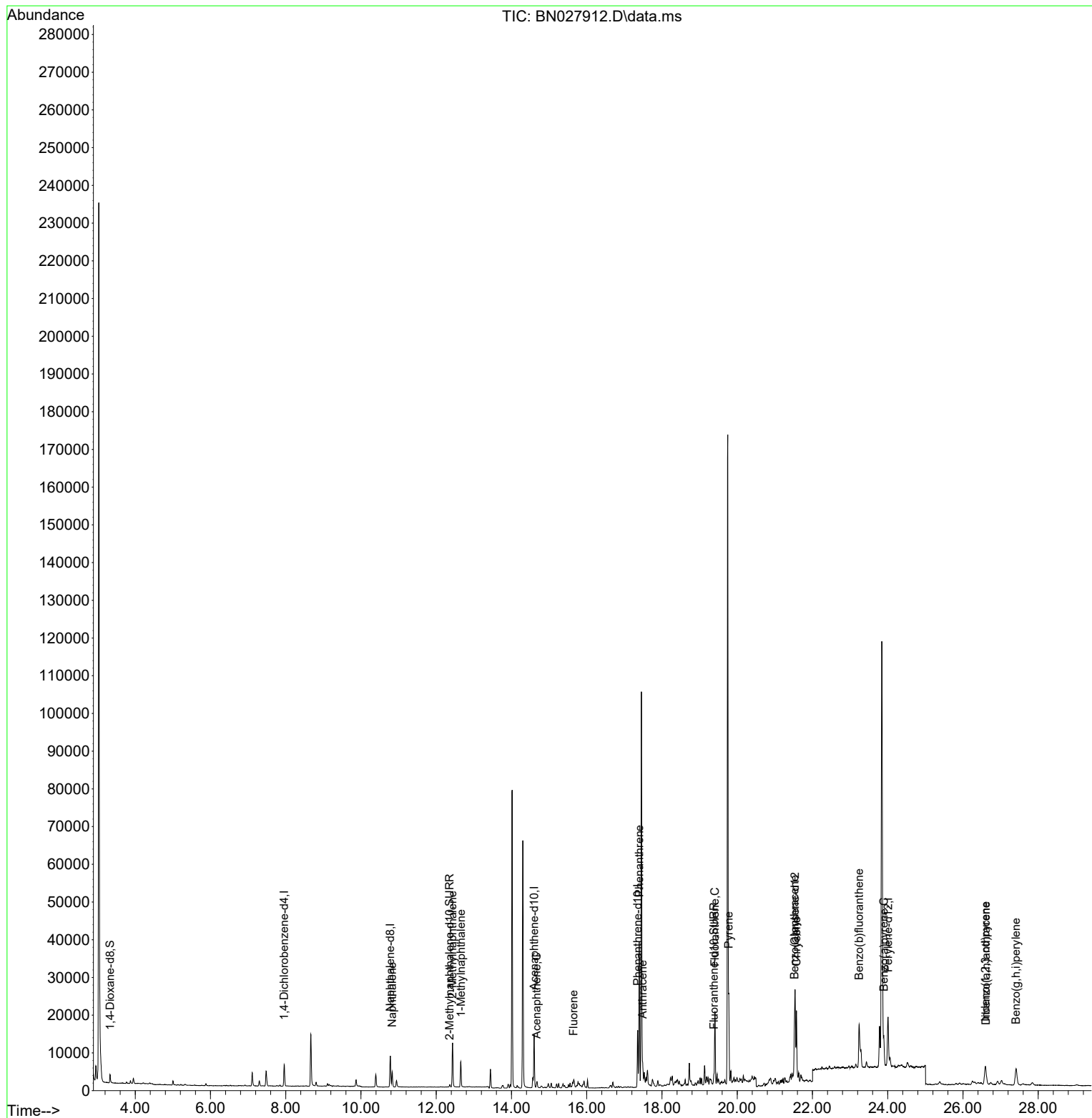
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	2965	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	11490	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	7653	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	17168	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	17226	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	18420	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	1635	0.438	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	893	0.051	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	2499	0.047	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.828	128	5476	0.167	ng/ul	98
7) 2-Methylnaphthalene	12.434	142	8615	0.413	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	4806	0.224	ng/ul	98
11) Acenaphthene	14.666	153	808	0.028	ng/ul#	81
12) Fluorene	15.651	166	1277	0.038	ng/ul#	86
15) Phenanthrene	17.396	178	40542	0.751	ng/ul	98
16) Anthracene	17.489	178	4468	0.099	ng/ul#	91
19) Fluoranthene	19.408	202	17305	0.248	ng/ul	97
20) Pyrene	19.775	202	18598	0.259	ng/ul	96
21) Benzo(a)anthracene	21.518	228	10927	0.164	ng/ul#	82
22) Chrysene	21.574	228	15486	0.225	ng/ul#	84
24) Benzo(b)fluoranthene	23.240	252	25654	0.312	ng/ul	88
26) Benzo(a)pyrene	23.895	252	10626	0.161	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.596	276	8431	0.100	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.609	278	2862	0.042	ng/ul#	19
29) Benzo(g,h,i)perylene	27.411	276	10031	0.140	ng/ul	94

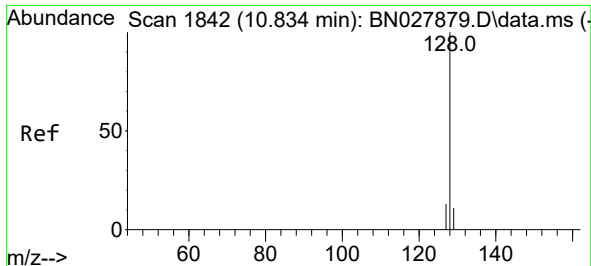
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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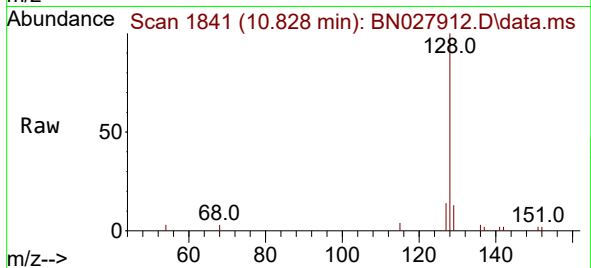
Quant Time: Sep 28 00:02:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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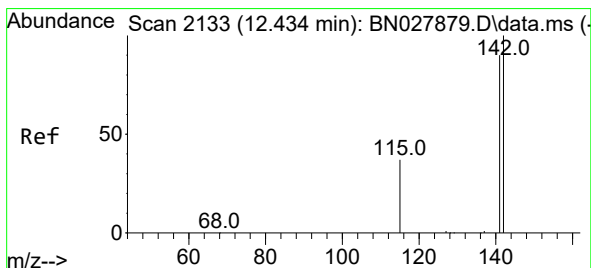
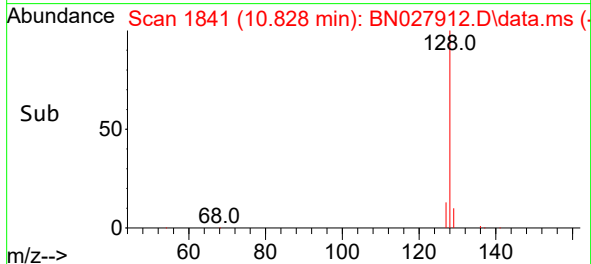
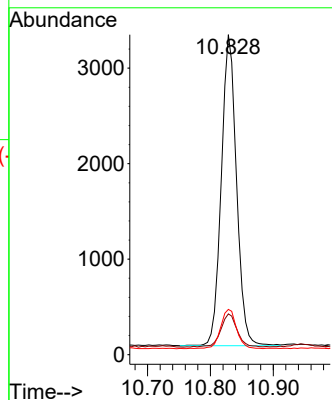


#5
Naphthalene
Concen: 0.167 ng/ul
RT: 10.828 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BN027912.D
Acq: 27 Sep 2023 22:48

Instrument :
BNA_N
ClientSampleId :
EZYK8DL

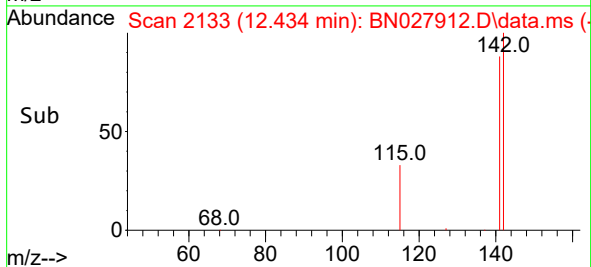
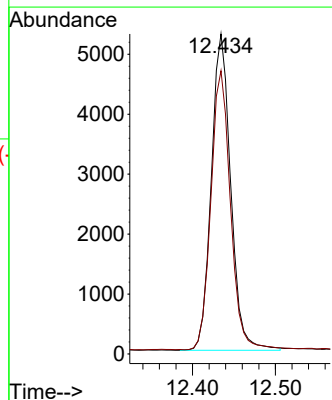
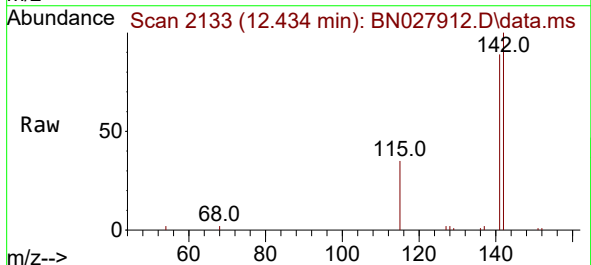


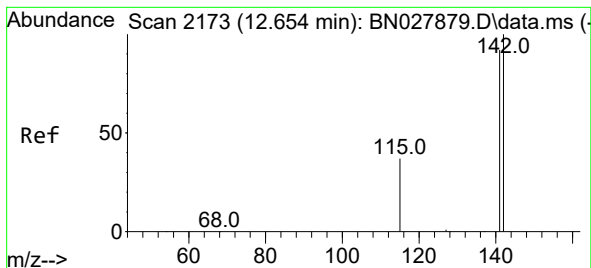
Tgt Ion:128 Resp: 5476
Ion Ratio Lower Upper
128 100
129 12.7 9.3 13.9
127 14.1 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.413 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN027912.D
Acq: 27 Sep 2023 22:48

Tgt Ion:142 Resp: 8615
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.224 ng/ul

RT: 12.654 min Scan# 2173

Delta R.T. 0.000 min

Lab File: BN027912.D

Acq: 27 Sep 2023 22:48

Instrument :

BNA_N

ClientSampleId :

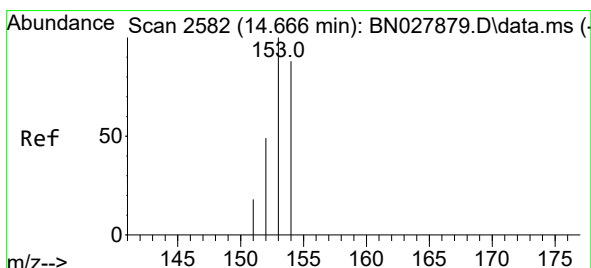
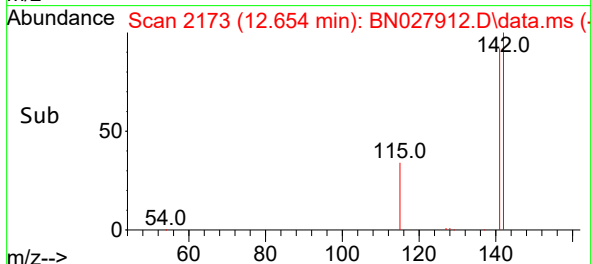
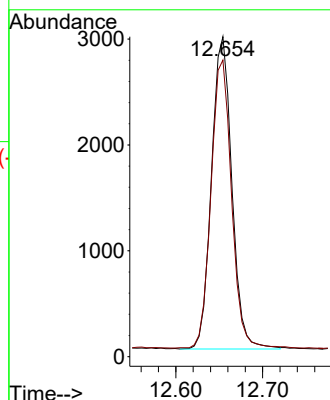
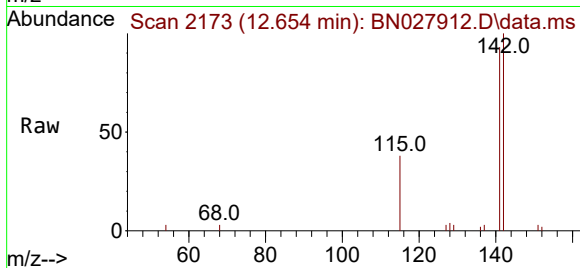
EZYK8DL

Tgt Ion:142 Resp: 4806

Ion Ratio Lower Upper

142 100

141 92.8 72.8 109.2



#11

Acenaphthene

Concen: 0.028 ng/ul

RT: 14.666 min Scan# 2582

Delta R.T. 0.000 min

Lab File: BN027912.D

Acq: 27 Sep 2023 22:48

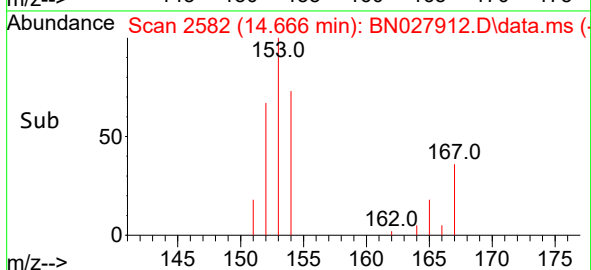
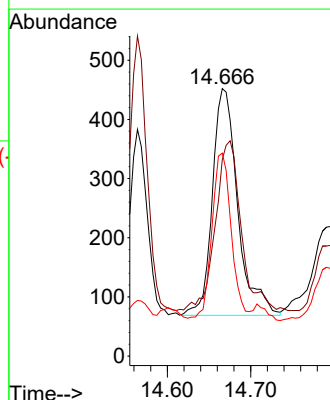
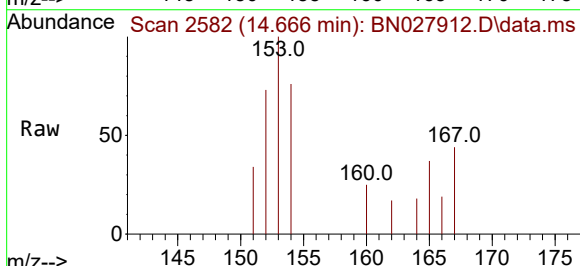
Tgt Ion:153 Resp: 808

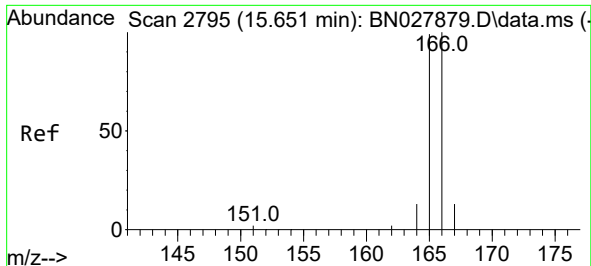
Ion Ratio Lower Upper

153 100

152 73.5 41.7 62.5#

154 75.9 70.3 105.5

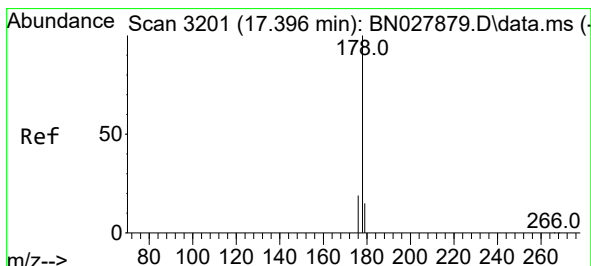
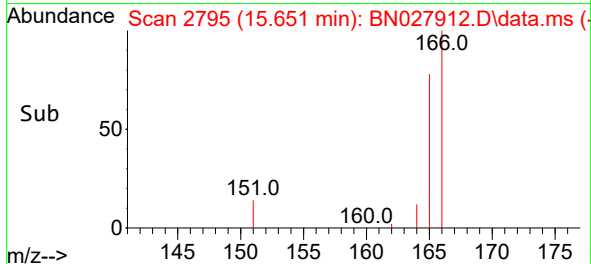
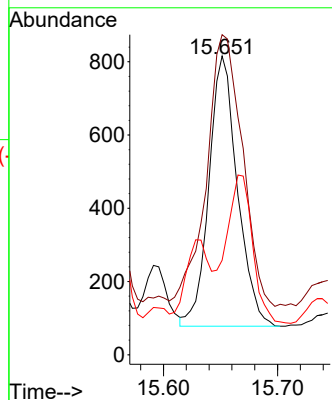
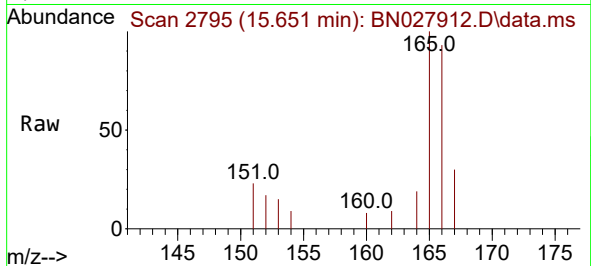




#12
Fluorene
Concen: 0.038 ng/ul
RT: 15.651 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027912.D
Acq: 27 Sep 2023 22:48

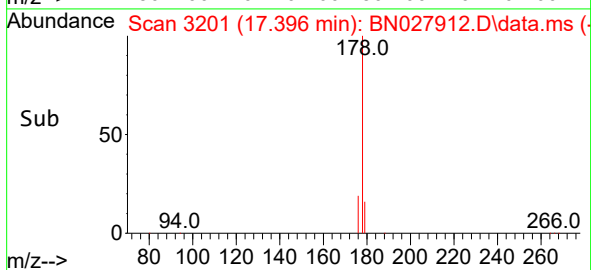
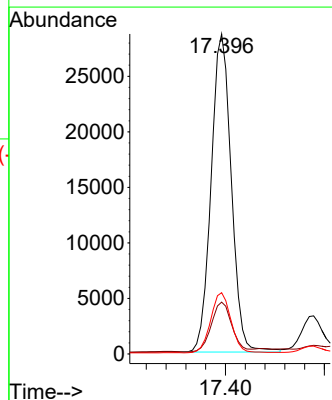
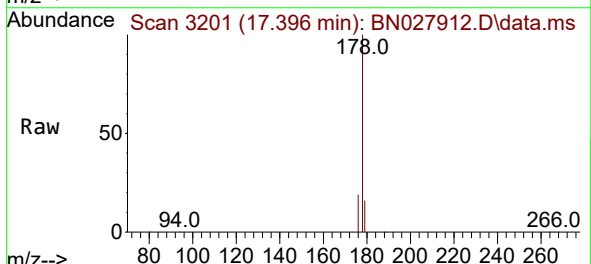
Instrument :
BNA_N
ClientSampleId :
EZYK8DL

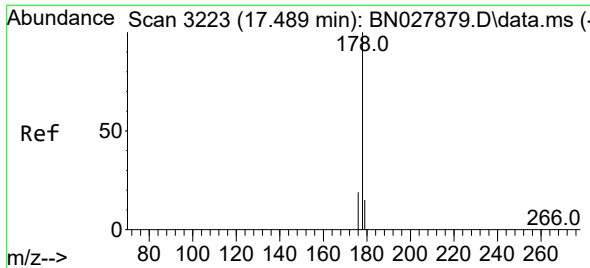
Tgt Ion:166 Resp: 1277
Ion Ratio Lower Upper
166 100
165 107.1 78.0 117.0
167 31.6 11.4 17.2#



#15
Phenanthrene
Concen: 0.751 ng/ul
RT: 17.396 min Scan# 3201
Delta R.T. -0.000 min
Lab File: BN027912.D
Acq: 27 Sep 2023 22:48

Tgt Ion:178 Resp: 40542
Ion Ratio Lower Upper
178 100
179 16.2 12.4 18.6
176 19.2 16.0 24.0

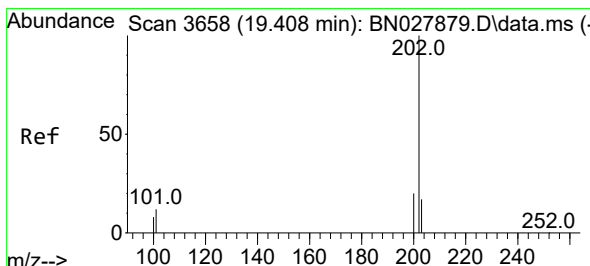
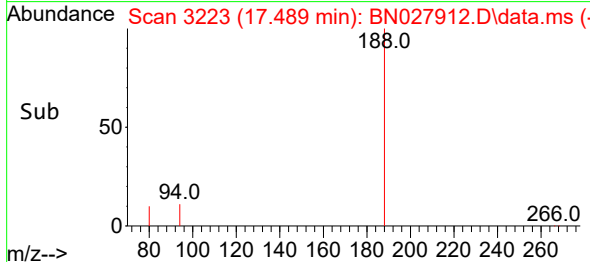
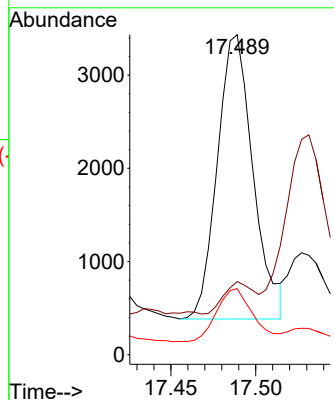
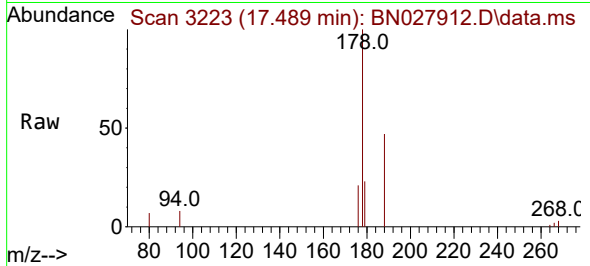




#16
 Anthracene
 Concen: 0.099 ng/ul
 RT: 17.489 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: BN027912.D
 Acq: 27 Sep 2023 22:48

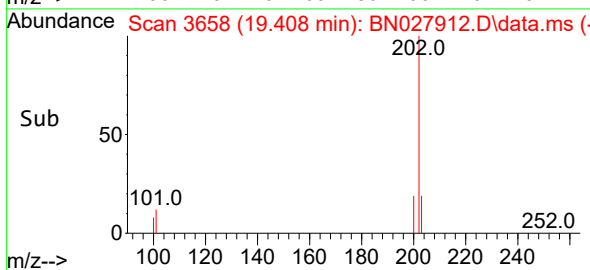
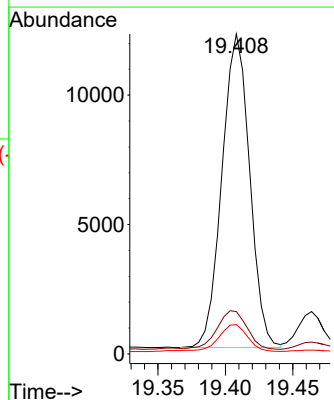
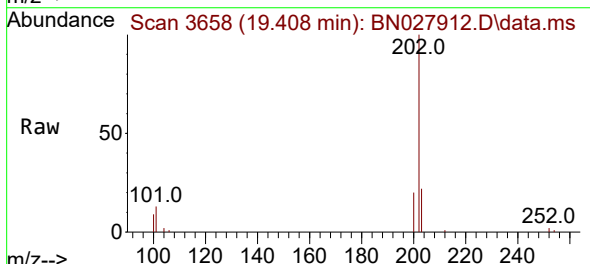
Instrument :
 BNA_N
 ClientSampleId :
 EZYK8DL

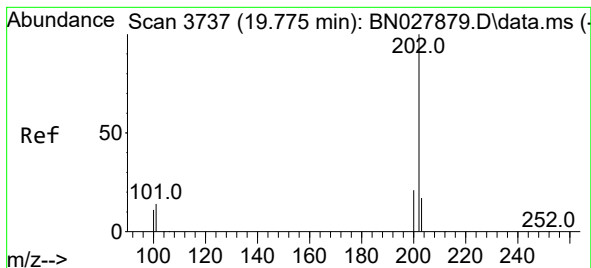
Tgt Ion:178 Resp: 4468
 Ion Ratio Lower Upper
 178 100
 179 22.8 12.6 19.0#
 176 20.6 15.5 23.3



#19
 Fluoranthene
 Concen: 0.248 ng/ul
 RT: 19.408 min Scan# 3658
 Delta R.T. -0.000 min
 Lab File: BN027912.D
 Acq: 27 Sep 2023 22:48

Tgt Ion:202 Resp: 17305
 Ion Ratio Lower Upper
 202 100
 101 13.2 9.3 13.9
 100 9.2 7.0 10.4





#20

Pyrene

Concen: 0.259 ng/ul

RT: 19.775 min Scan# 3737

Delta R.T. -0.000 min

Lab File: BN027912.D

Acq: 27 Sep 2023 22:48

Instrument :

BNA_N

ClientSampleId :

EZYK8DL

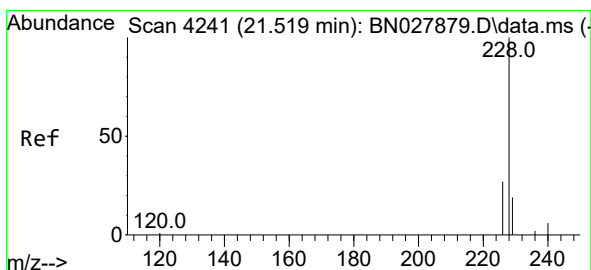
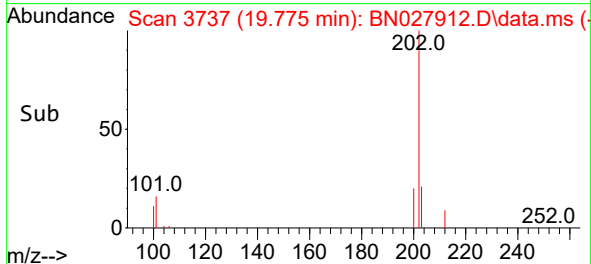
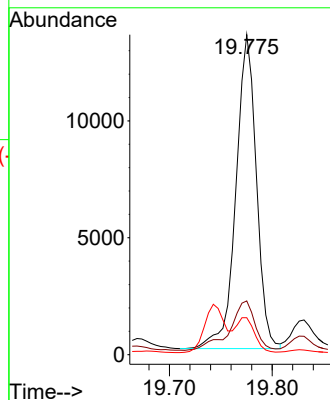
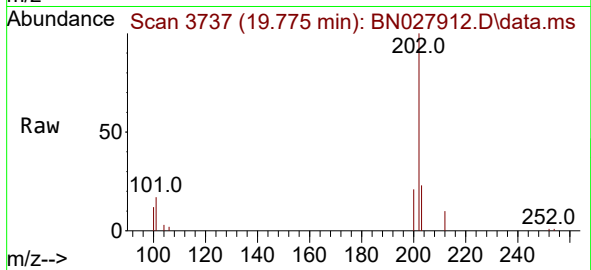
Tgt Ion:202 Resp: 18598

Ion Ratio Lower Upper

202 100

101 16.8 11.4 17.0

100 11.6 9.1 13.7



#21

Benzo(a)anthracene

Concen: 0.164 ng/ul

RT: 21.518 min Scan# 4241

Delta R.T. -0.000 min

Lab File: BN027912.D

Acq: 27 Sep 2023 22:48

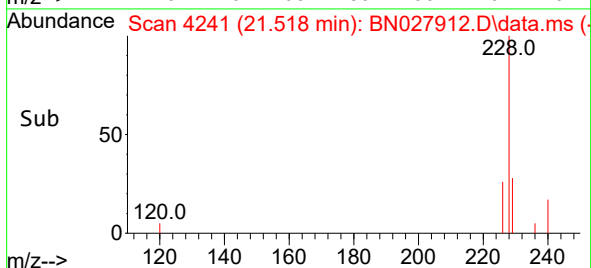
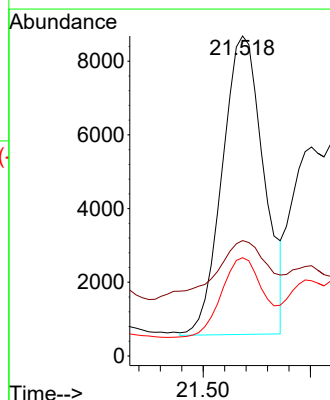
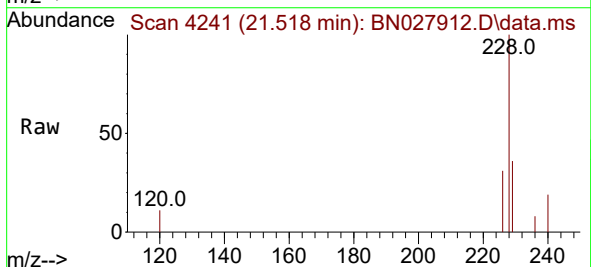
Tgt Ion:228 Resp: 10927

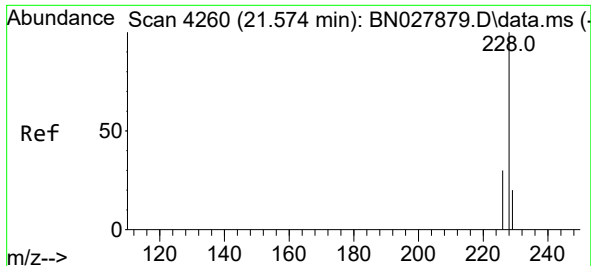
Ion Ratio Lower Upper

228 100

229 36.1 15.8 23.8#

226 30.7 22.0 33.0





#22

Chrysene

Concen: 0.225 ng/ul

RT: 21.574 min Scan# 4260

Delta R.T. -0.000 min

Lab File: BN027912.D

Acq: 27 Sep 2023 22:48

Instrument :

BNA_N

ClientSampleId :

EZYK8DL

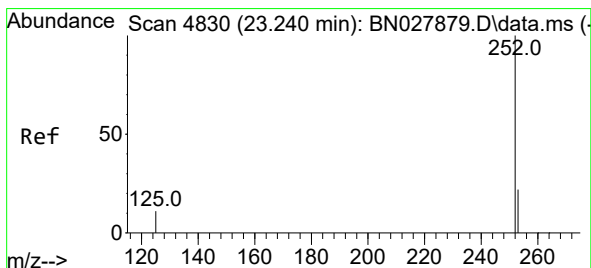
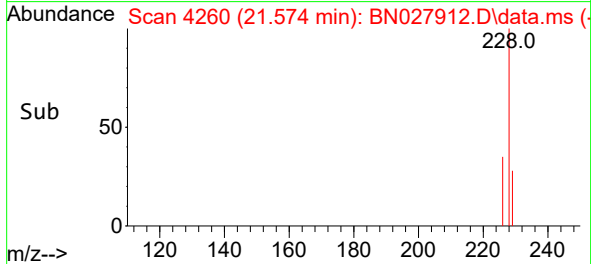
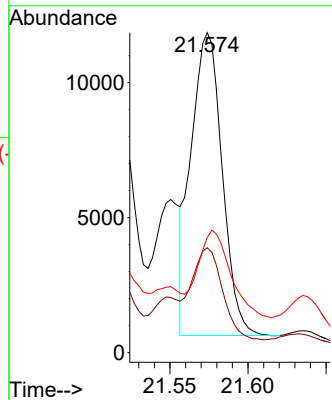
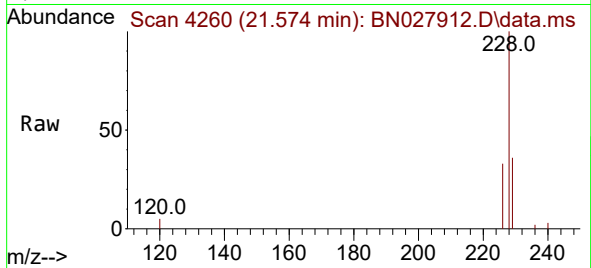
Tgt Ion:228 Resp: 15486

Ion Ratio Lower Upper

228 100

226 32.8 24.5 36.7

229 35.9 16.0 24.0#



#24

Benzo(b)fluoranthene

Concen: 0.312 ng/ul

RT: 23.240 min Scan# 4830

Delta R.T. -0.000 min

Lab File: BN027912.D

Acq: 27 Sep 2023 22:48

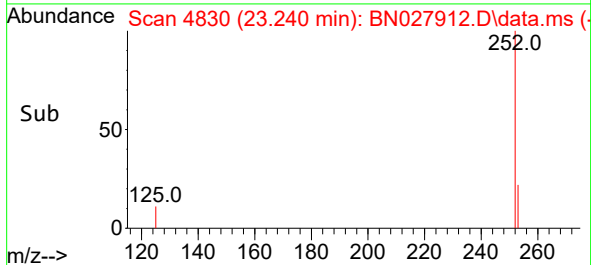
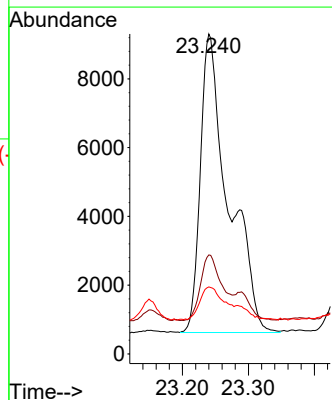
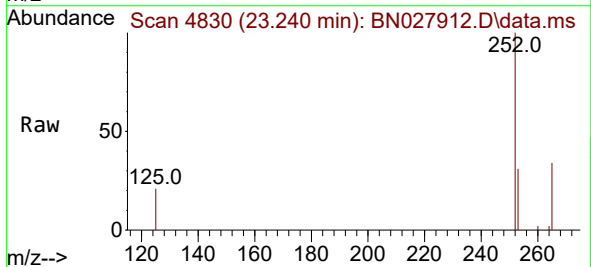
Tgt Ion:252 Resp: 25654

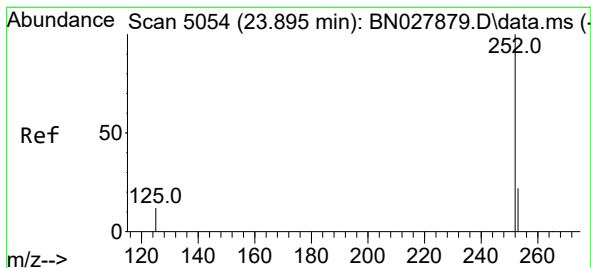
Ion Ratio Lower Upper

252 100

253 31.0 0.0 50.2

125 20.9 0.0 31.4





#26

Benzo(a)pyrene

Concen: 0.161 ng/ul

RT: 23.895 min Scan# 5054

Delta R.T. -0.000 min

Lab File: BN027912.D

Acq: 27 Sep 2023 22:48

Instrument :

BNA_N

ClientSampleId :

EZYK8DL

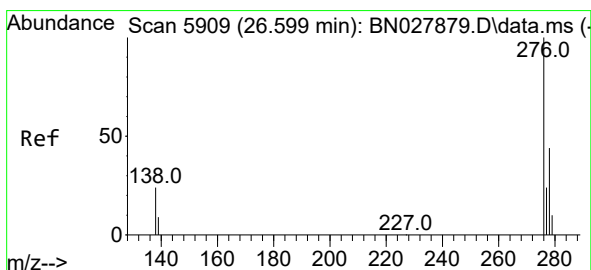
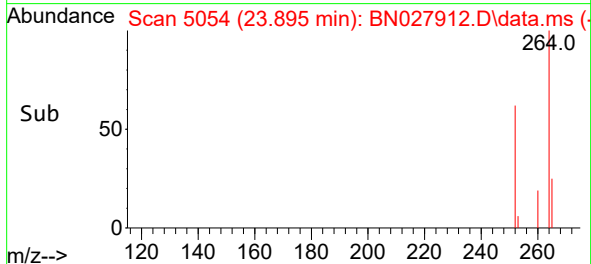
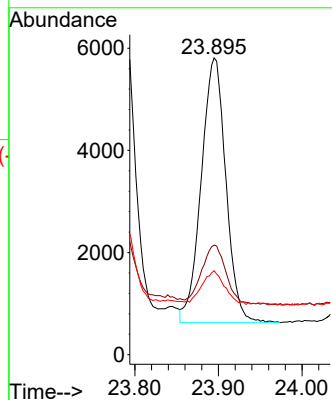
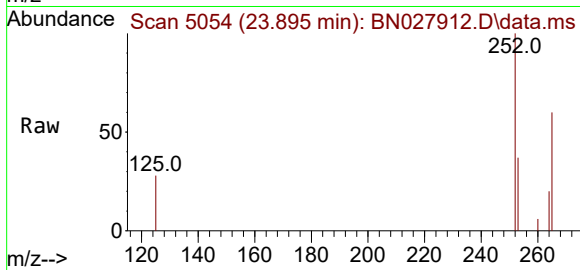
Tgt Ion:252 Resp: 10626

Ion Ratio Lower Upper

252 100

253 36.9 21.9 32.9#

125 28.3 15.5 23.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.100 ng/ul

RT: 26.596 min Scan# 5908

Delta R.T. -0.004 min

Lab File: BN027912.D

Acq: 27 Sep 2023 22:48

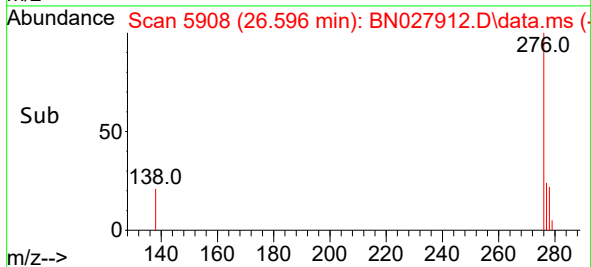
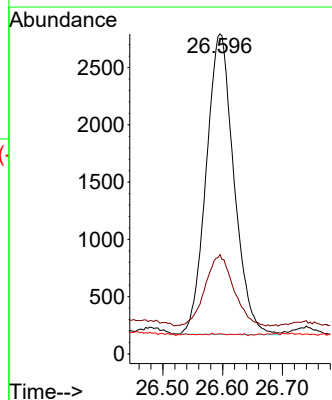
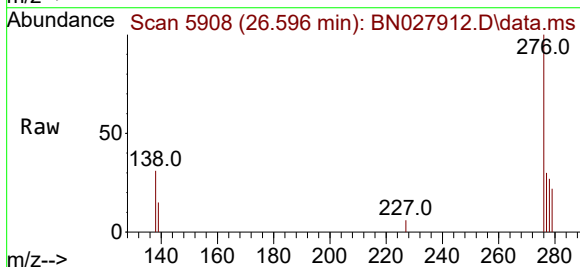
Tgt Ion:276 Resp: 8431

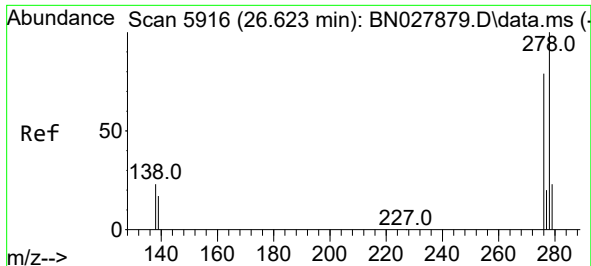
Ion Ratio Lower Upper

276 100

138 24.5 24.3 36.5

227 0.1 0.0 0.0#

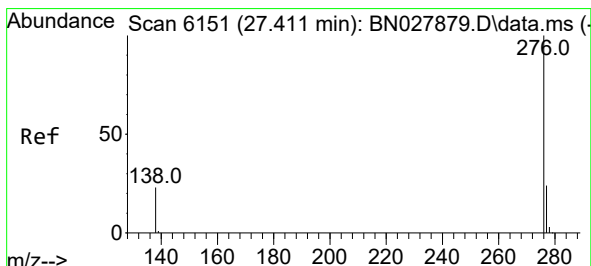
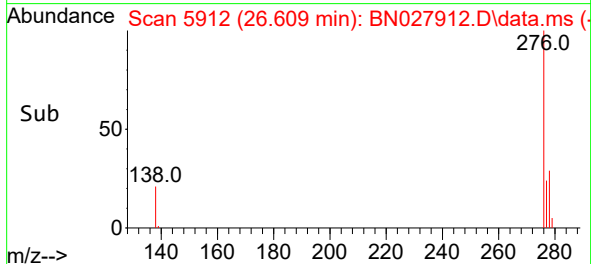
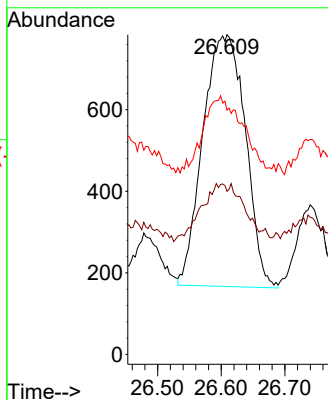
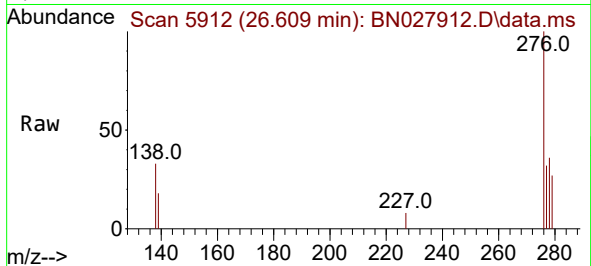




#28
 Dibenzo(a,h)anthracene
 Concen: 0.042 ng/ul
 RT: 26.609 min Scan# 5916
 Delta R.T. -0.014 min
 Lab File: BN027912.D
 Acq: 27 Sep 2023 22:48

Instrument :
 BNA_N
 ClientSampleId :
 EZYK8DL

Tgt Ion:278 Resp: 2862
 Ion Ratio Lower Upper
 278 100
 139 51.0 17.2 25.8#
 279 76.4 21.4 32.0#



#29
 Benzo(g,h,i)perylene
 Concen: 0.140 ng/ul
 RT: 27.411 min Scan# 6151
 Delta R.T. -0.000 min
 Lab File: BN027912.D
 Acq: 27 Sep 2023 22:48

Tgt Ion:276 Resp: 10031
 Ion Ratio Lower Upper
 276 100
 138 30.1 21.7 32.5
 277 28.2 20.2 30.2

