

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041123\
 Data File : BN024827.D
 Acq On : 11 Apr 2023 09:37
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 12 01:09:30 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 00:52:14 2023
 Response via : Initial Calibration

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

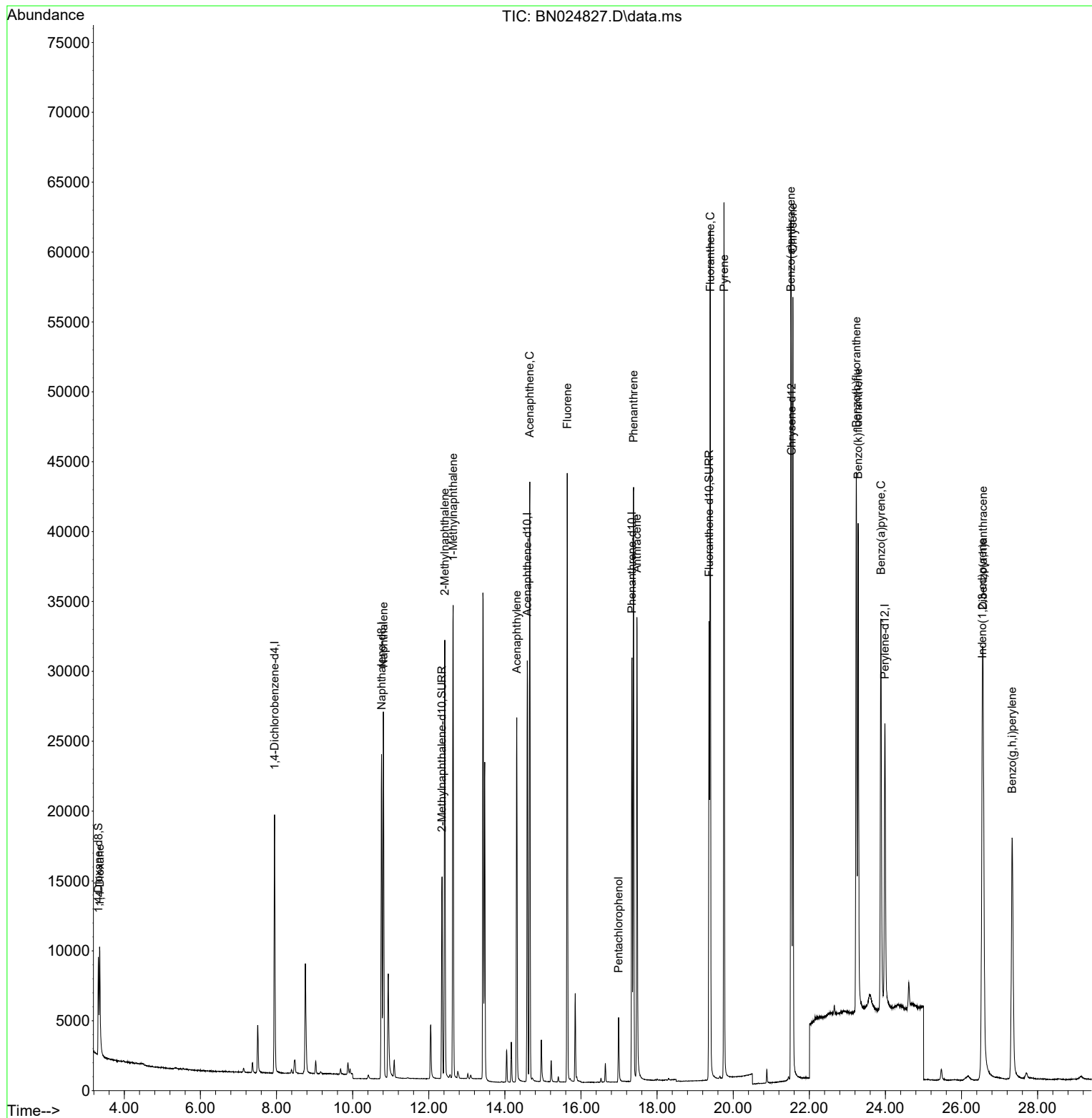
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	9966	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	29564	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.589	164	16318	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.339	188	34938	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	30490	0.400	ng/ul	0.00
23) Perylene-d12	23.985	264	28175	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	4676	0.430	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	18075	0.476	ng/ul	0.00
18) Fluoranthene-d10	19.364	212	36579	0.483	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.356	88	4913	0.410	ng/ul	88
5) Naphthalene	10.809	128	35305	0.469	ng/ul	99
7) 2-Methylnaphthalene	12.420	142	22130	0.472	ng/ul	99
8) 1-Methylnaphthalene	12.640	142	23177	0.467	ng/ul	100
10) Acenaphthylene	14.312	152	29763	0.486	ng/ul	99
11) Acenaphthene	14.654	153	24864	0.474	ng/ul	98
12) Fluorene	15.640	166	27456	0.467	ng/ul	98
14) Pentachlorophenol	16.989	266	3237	0.434	ng/ul	99
15) Phenanthrene	17.381	178	45121	0.458	ng/ul	100
16) Anthracene	17.470	178	38670	0.473	ng/ul	99
19) Fluoranthene	19.397	202	50399	0.480	ng/ul	100
20) Pyrene	19.759	202	51540	0.479	ng/ul	100
21) Benzo(a)anthracene	21.515	228	48793	0.507	ng/ul	99
22) Chrysene	21.568	228	49183	0.472	ng/ul	99
24) Benzo(b)fluoranthene	23.237	252	49340	0.437	ng/ul	99
25) Benzo(k)fluoranthene	23.283	252	48021	0.436	ng/ul	98
26) Benzo(a)pyrene	23.880	252	42298	0.451	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.545	276	46925	0.424	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.565	278	36555	0.421	ng/ul	98
29) Benzo(g,h,i)perylene	27.330	276	39110	0.418	ng/ul	99

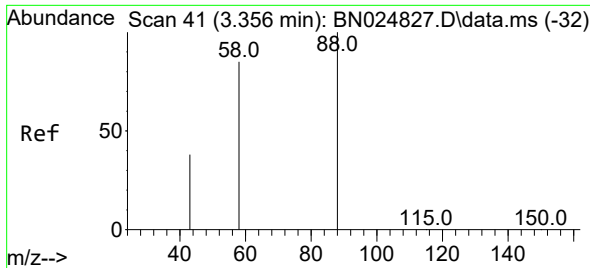
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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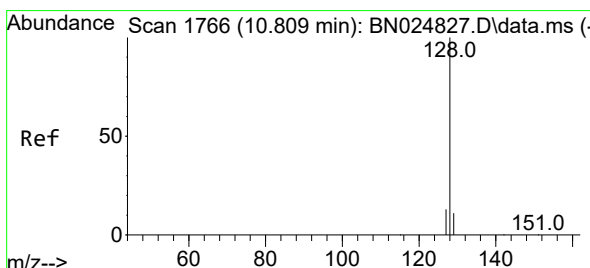
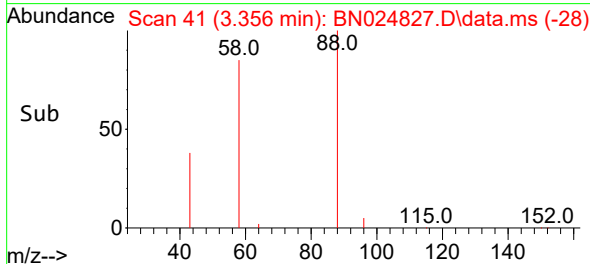
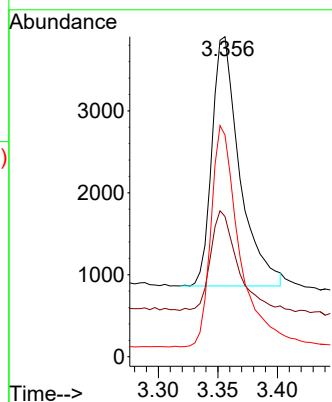
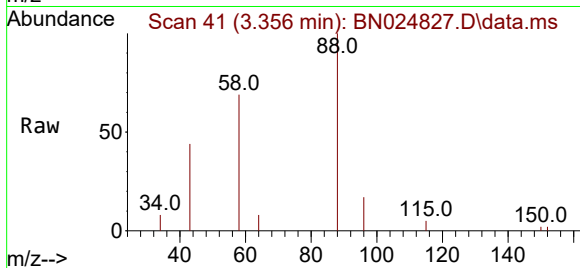




#2
 1,4-Dioxane
 Concen: 0.410 ng/ul
 RT: 3.356 min Scan# 41
 Delta R.T. 0.004 min
 Lab File: BN024827.D
 Acq: 11 Apr 2023 09:37

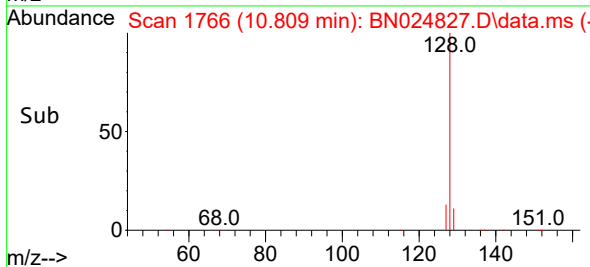
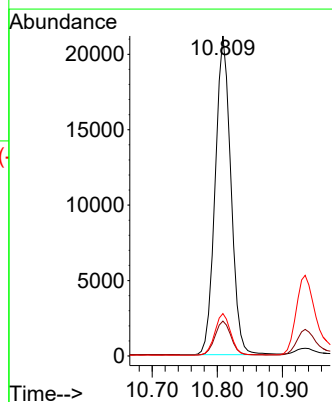
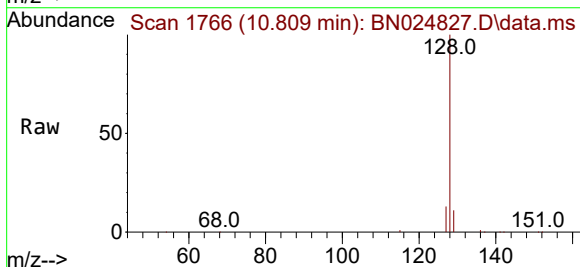
Instrument :
 BNA_N
 ClientSampleId :

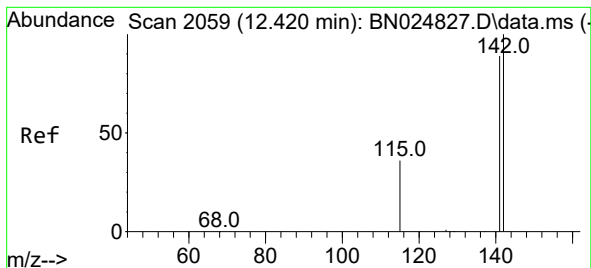
Tgt Ion: 88 Resp: 4913
 Ion Ratio Lower Upper
 88 100
 43 43.8 39.1 58.7
 58 69.3 65.7 98.5



#5
 Naphthalene
 Concen: 0.469 ng/ul
 RT: 10.809 min Scan# 1766
 Delta R.T. -0.006 min
 Lab File: BN024827.D
 Acq: 11 Apr 2023 09:37

Tgt Ion: 128 Resp: 35305
 Ion Ratio Lower Upper
 128 100
 129 10.9 9.1 13.7
 127 13.3 10.5 15.7

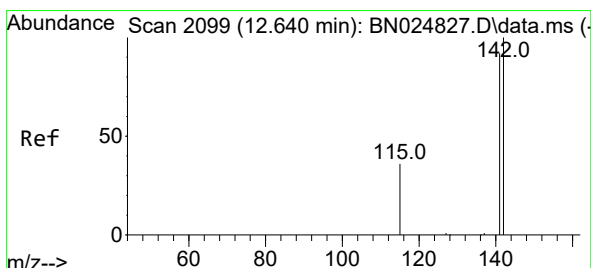
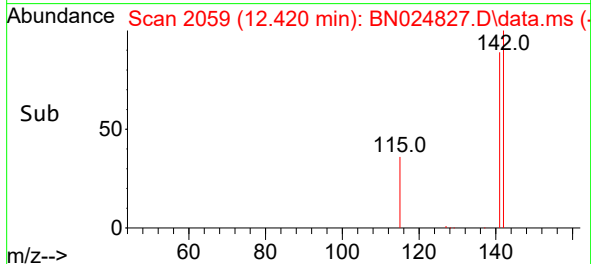
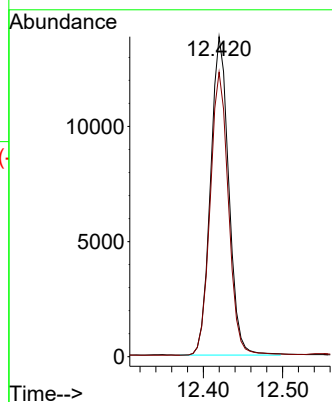
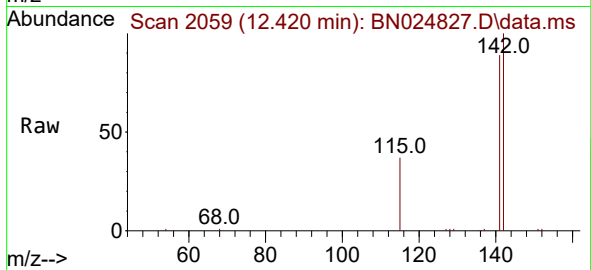




#7
2-Methylnaphthalene
Concen: 0.472 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BN024827.D
Acq: 11 Apr 2023 09:37

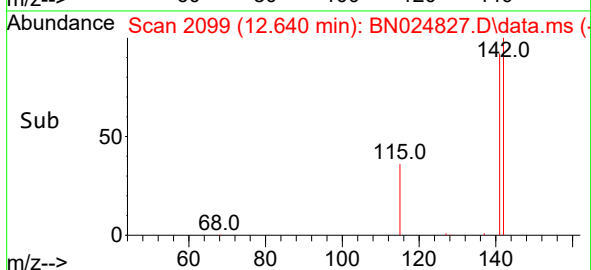
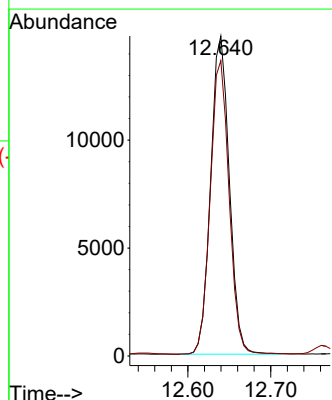
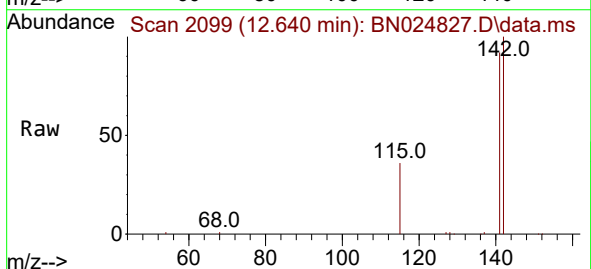
Instrument :
BNA_N
ClientSampleId :

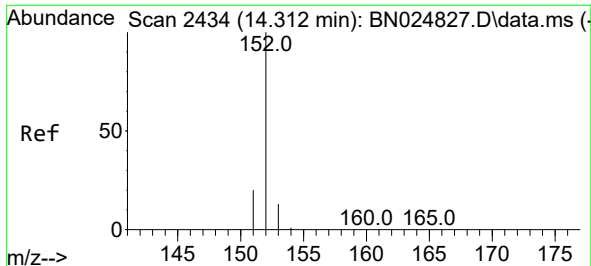
Tgt Ion:142 Resp: 22130
Ion Ratio Lower Upper
142 100
141 88.9 70.7 106.1



#8
1-Methylnaphthalene
Concen: 0.467 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN024827.D
Acq: 11 Apr 2023 09:37

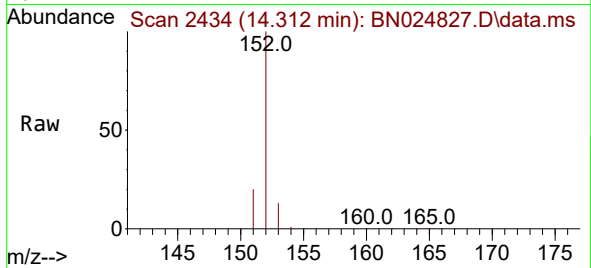
Tgt Ion:142 Resp: 23177
Ion Ratio Lower Upper
142 100
141 92.6 74.0 111.0



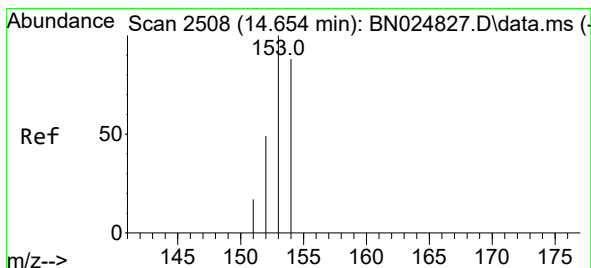
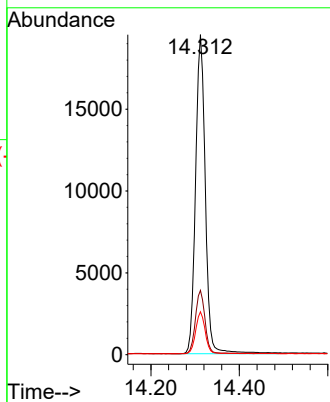
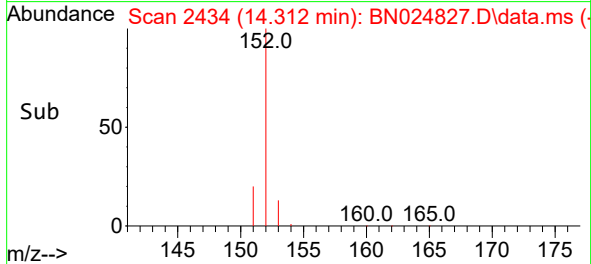


#10
Acenaphthylene
Concen: 0.486 ng/ul
RT: 14.312 min Scan# 2434
Delta R.T. -0.005 min
Lab File: BN024827.D
Acq: 11 Apr 2023 09:37

Instrument :
BNA_N
ClientSampleId :

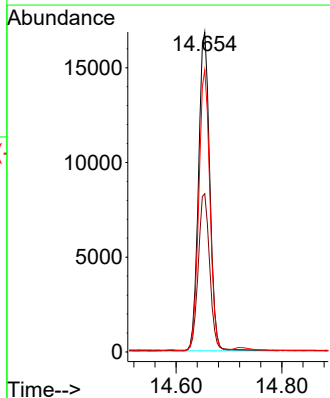
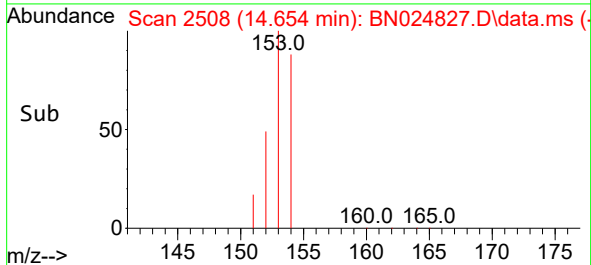
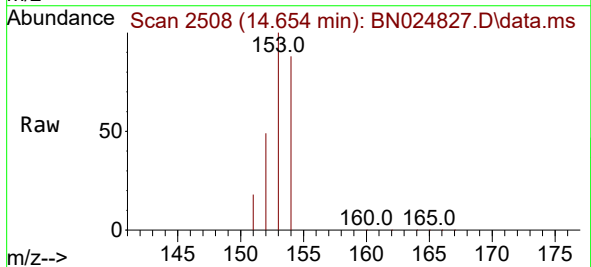


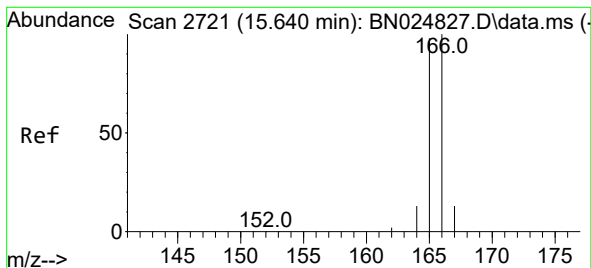
Tgt Ion:152 Resp: 29763
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.4 10.6 16.0



#11
Acenaphthene
Concen: 0.474 ng/ul
RT: 14.654 min Scan# 2508
Delta R.T. -0.000 min
Lab File: BN024827.D
Acq: 11 Apr 2023 09:37

Tgt Ion:153 Resp: 24864
Ion Ratio Lower Upper
153 100
152 49.5 40.7 61.1
154 88.2 69.4 104.2





#12

Fluorene

Concen: 0.467 ng/ul

RT: 15.640 min Scan# 2721

Delta R.T. -0.000 min

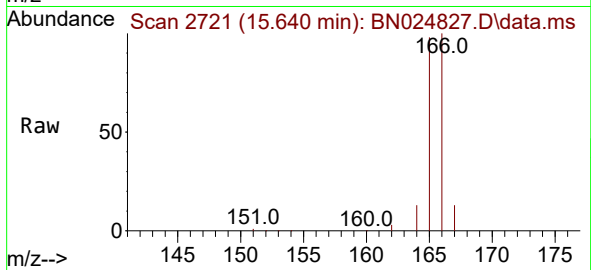
Lab File: BN024827.D

Acq: 11 Apr 2023 09:37

Instrument :

BNA_N

ClientSampleId :



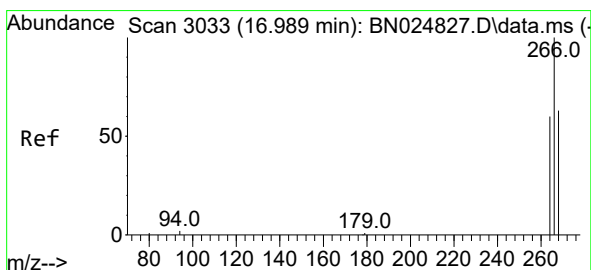
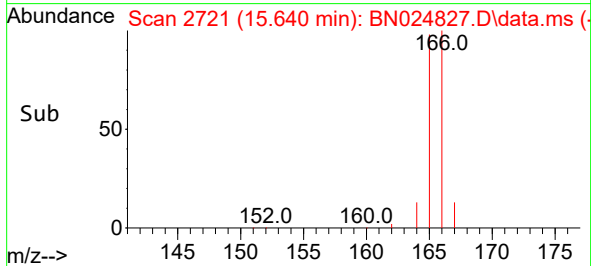
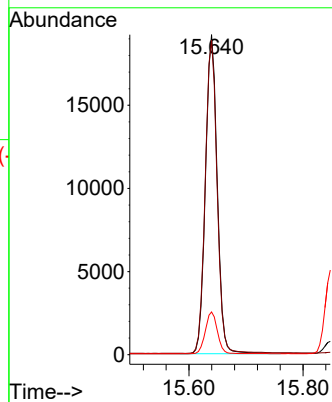
Tgt Ion:166 Resp: 27456

Ion Ratio Lower Upper

166 100

165 98.2 80.1 120.1

167 13.4 10.7 16.1



#14

Pentachlorophenol

Concen: 0.434 ng/ul

RT: 16.989 min Scan# 3033

Delta R.T. -0.004 min

Lab File: BN024827.D

Acq: 11 Apr 2023 09:37

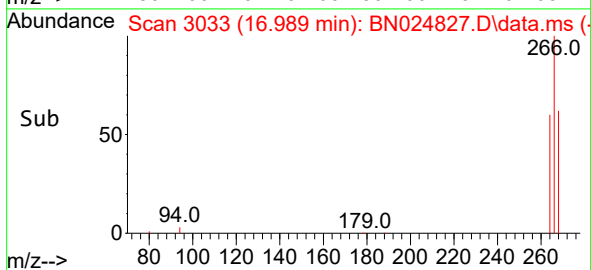
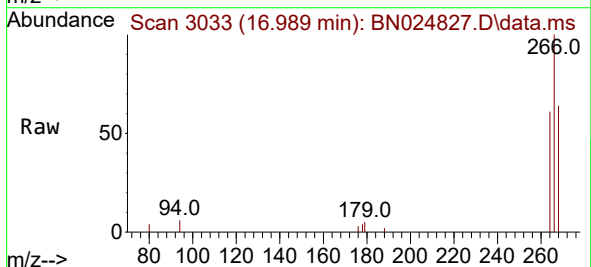
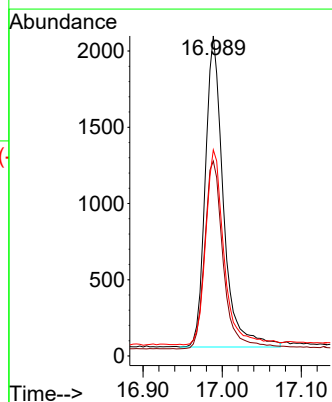
Tgt Ion:266 Resp: 3237

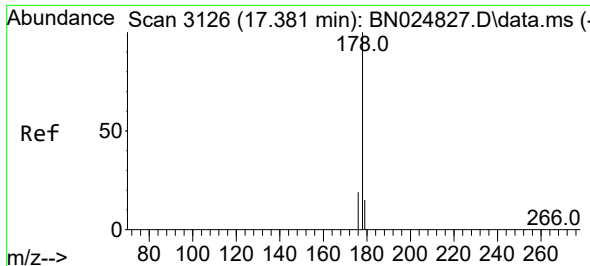
Ion Ratio Lower Upper

266 100

264 62.4 51.2 76.8

268 63.6 51.4 77.2

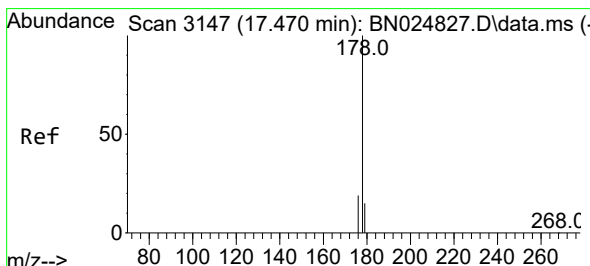
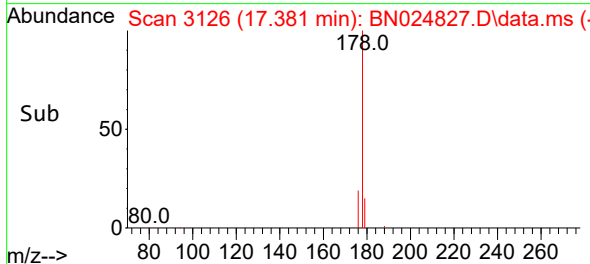
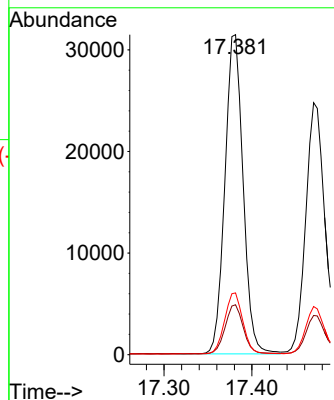
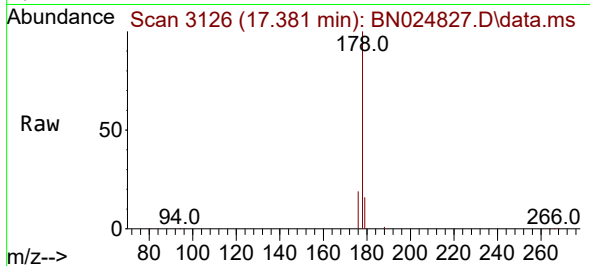




#15
Phenanthrene
Concen: 0.458 ng/ul
RT: 17.381 min Scan# 3126
Delta R.T. -0.000 min
Lab File: BN024827.D
Acq: 11 Apr 2023 09:37

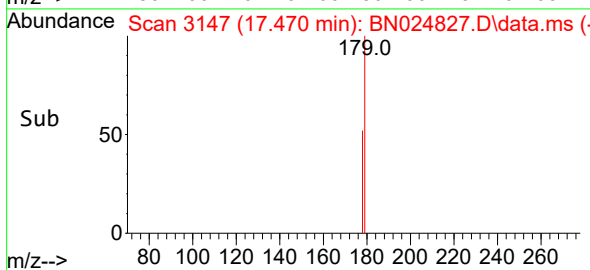
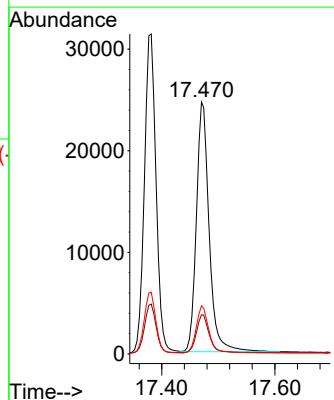
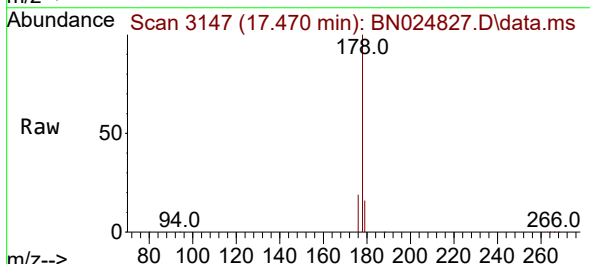
Instrument :
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ClientSampleId :

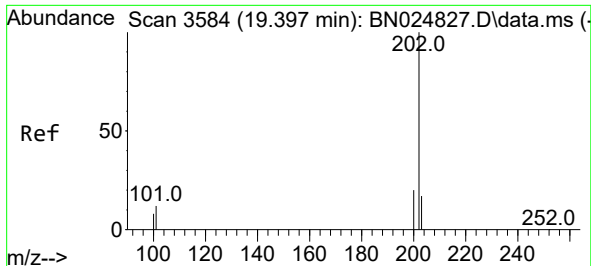
Tgt Ion:178 Resp: 45121
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.3 15.4 23.0



#16
Anthracene
Concen: 0.473 ng/ul
RT: 17.470 min Scan# 3147
Delta R.T. -0.004 min
Lab File: BN024827.D
Acq: 11 Apr 2023 09:37

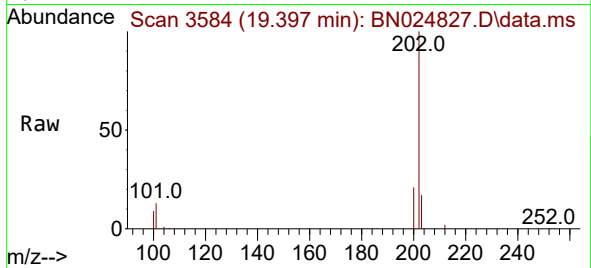
Tgt Ion:178 Resp: 38670
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 19.1 14.7 22.1



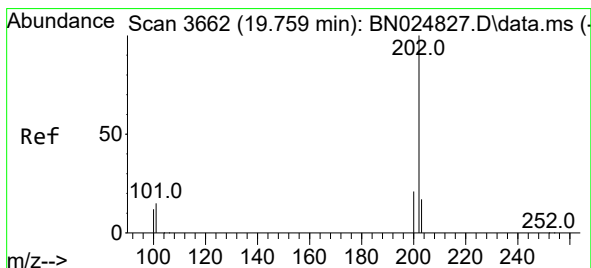
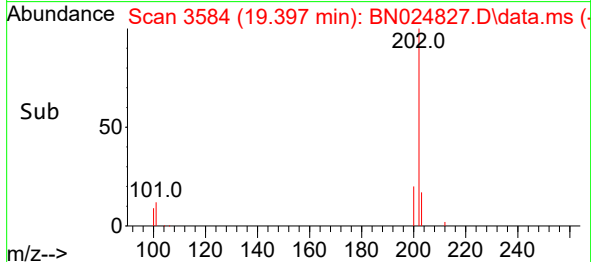
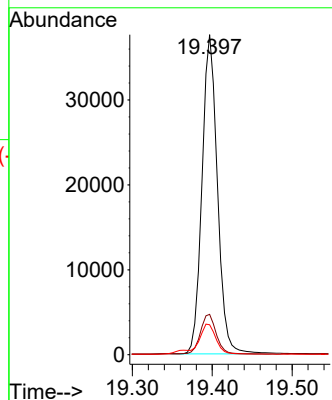


#19
Fluoranthene
Concen: 0.480 ng/ul
RT: 19.397 min Scan# 3584
Delta R.T. -0.000 min
Lab File: BN024827.D
Acq: 11 Apr 2023 09:37

Instrument :
BNA_N
ClientSampleId :

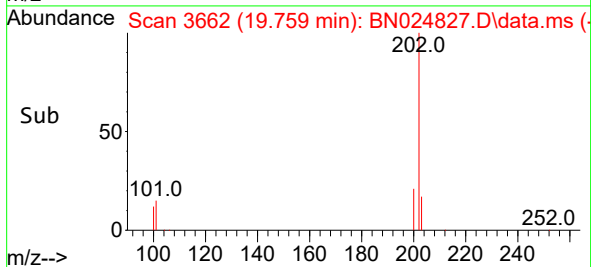
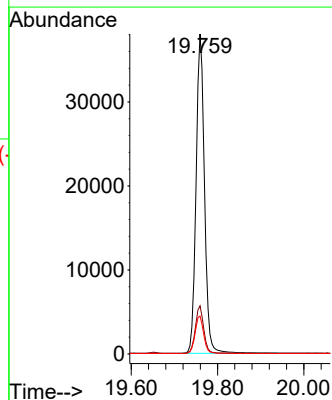
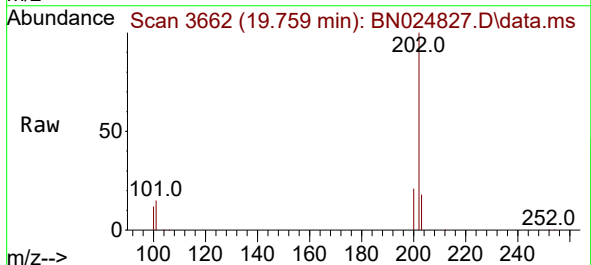


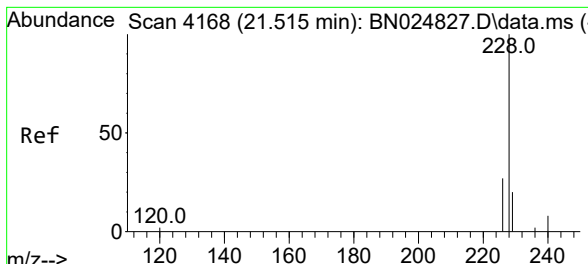
Tgt Ion:202 Resp: 50399
Ion Ratio Lower Upper
202 100
101 12.6 10.0 15.0
100 9.3 7.5 11.3



#20
Pyrene
Concen: 0.479 ng/ul
RT: 19.759 min Scan# 3662
Delta R.T. -0.000 min
Lab File: BN024827.D
Acq: 11 Apr 2023 09:37

Tgt Ion:202 Resp: 51540
Ion Ratio Lower Upper
202 100
101 15.0 11.8 17.8
100 11.9 9.5 14.3



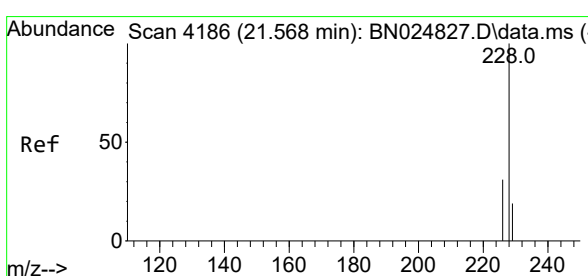
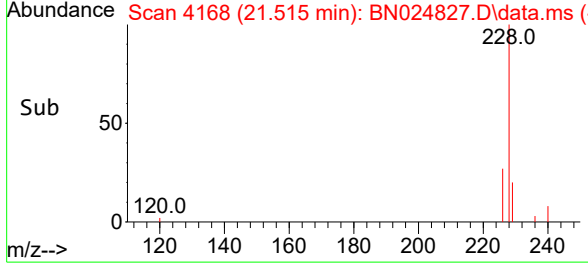
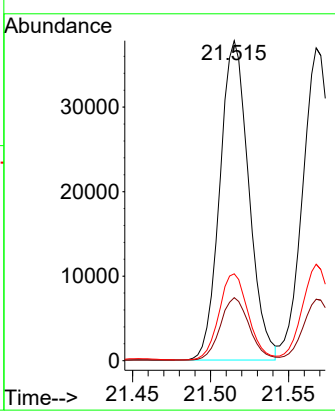
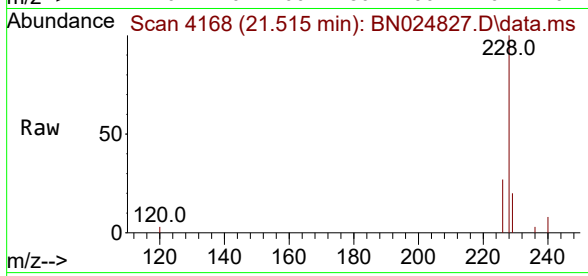


#21
 Benzo(a)anthracene
 Concen: 0.507 ng/ul
 RT: 21.515 min Scan# 4168
 Delta R.T. 0.006 min
 Lab File: BN024827.D
 Acq: 11 Apr 2023 09:37

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:228 Resp: 48793

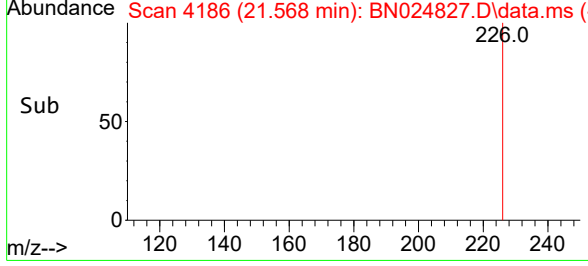
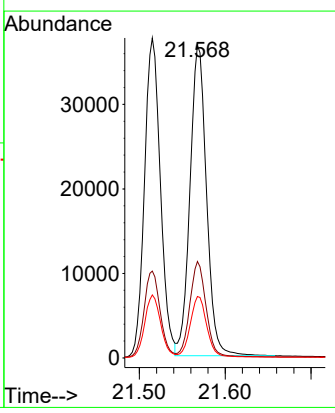
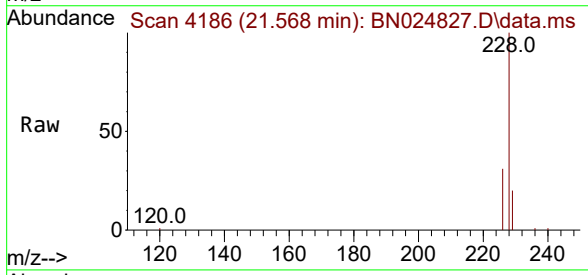
Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.8	23.8
226	27.2	22.2	33.2

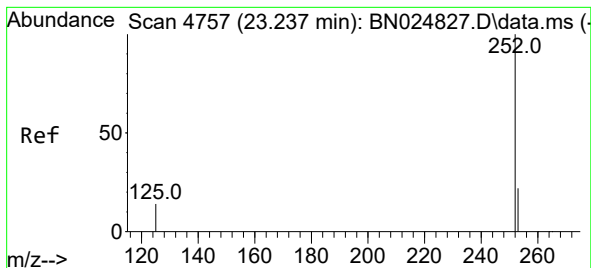


#22
 Chrysene
 Concen: 0.472 ng/ul
 RT: 21.568 min Scan# 4186
 Delta R.T. 0.003 min
 Lab File: BN024827.D
 Acq: 11 Apr 2023 09:37

Tgt Ion:228 Resp: 49183

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.3	36.5
229	19.7	15.7	23.5





#24

Benzo(b)fluoranthene

Concen: 0.437 ng/ul

RT: 23.237 min Scan# 4757

Delta R.T. 0.009 min

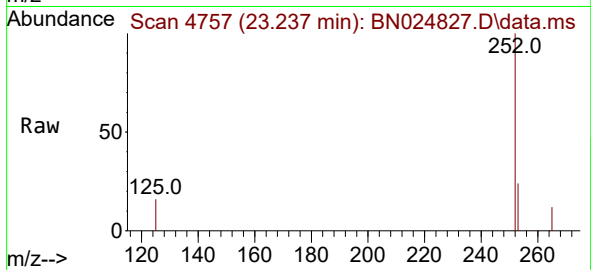
Lab File: BN024827.D

Acq: 11 Apr 2023 09:37

Instrument :

BNA_N

ClientSampleId :



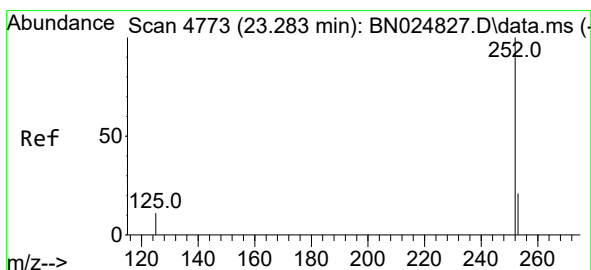
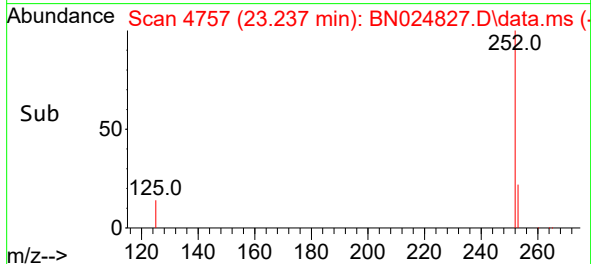
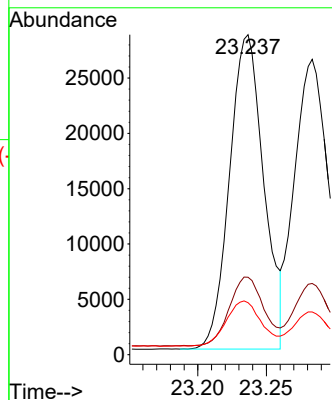
Tgt Ion:252 Resp: 49340

Ion Ratio Lower Upper

252 100

253 24.2 0.0 49.4

125 16.3 0.0 31.2



#25

Benzo(k)fluoranthene

Concen: 0.436 ng/ul

RT: 23.283 min Scan# 4773

Delta R.T. 0.003 min

Lab File: BN024827.D

Acq: 11 Apr 2023 09:37

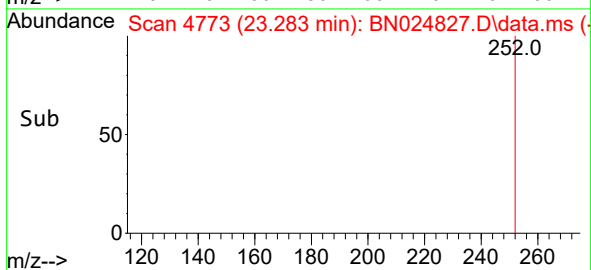
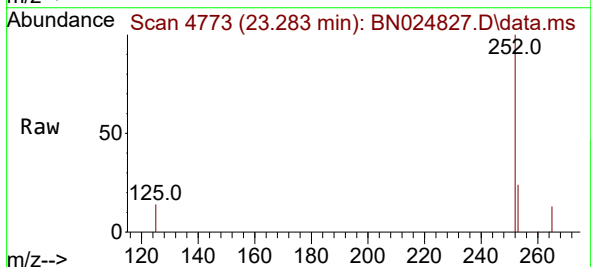
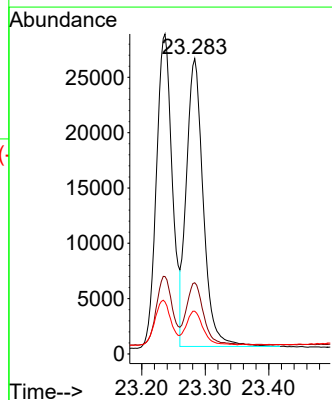
Tgt Ion:252 Resp: 48021

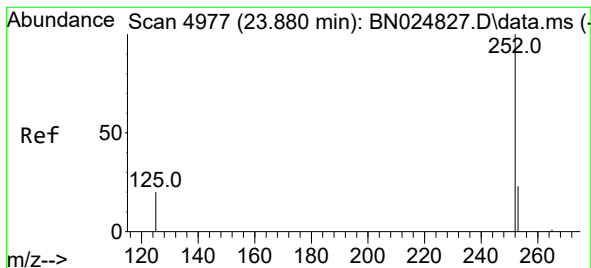
Ion Ratio Lower Upper

252 100

253 24.1 20.1 30.1

125 14.5 12.2 18.2





#26

Benzo(a)pyrene

Concen: 0.451 ng/ul

RT: 23.880 min Scan# 4977

Delta R.T. 0.012 min

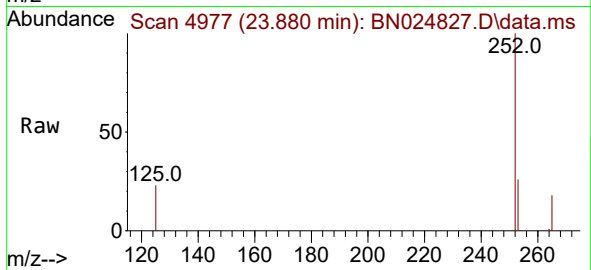
Lab File: BN024827.D

Acq: 11 Apr 2023 09:37

Instrument :

BNA_N

ClientSampleId :



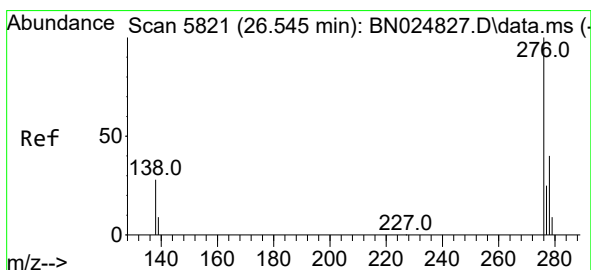
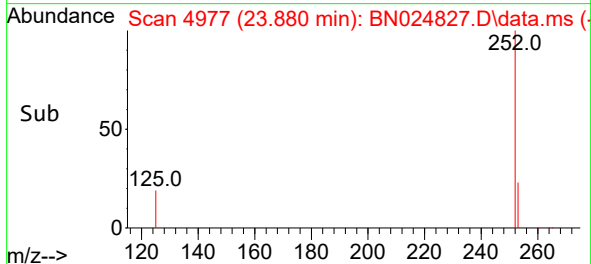
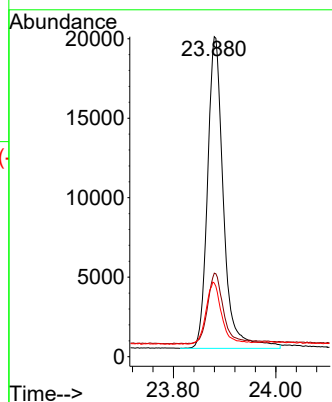
Tgt Ion:252 Resp: 42298

Ion Ratio Lower Upper

252 100

253 26.1 20.7 31.1

125 23.0 15.9 23.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.424 ng/ul

RT: 26.545 min Scan# 5821

Delta R.T. 0.010 min

Lab File: BN024827.D

Acq: 11 Apr 2023 09:37

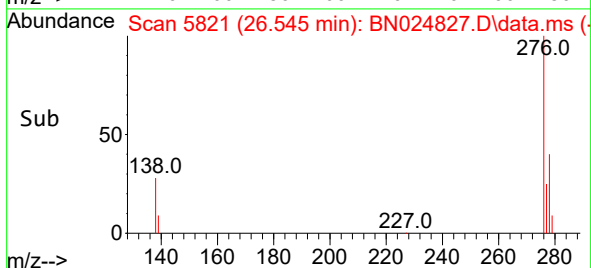
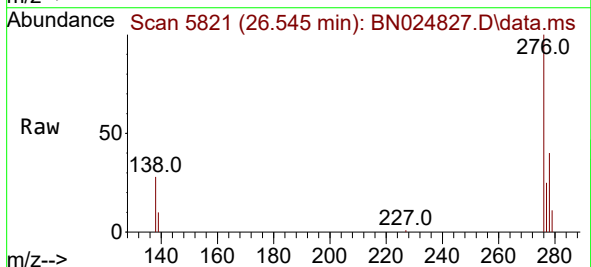
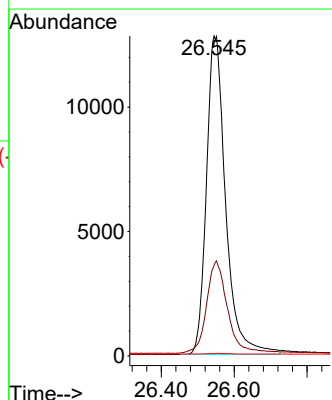
Tgt Ion:276 Resp: 46925

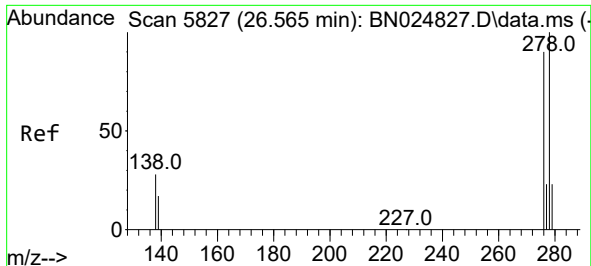
Ion Ratio Lower Upper

276 100

138 0.0 24.2 36.2#

227 0.0 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.421 ng/ul

RT: 26.565 min Scan# 5827

Delta R.T. 0.007 min

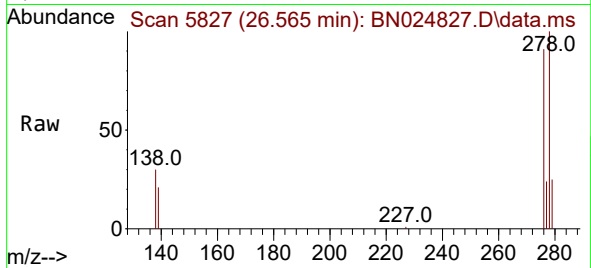
Lab File: BN024827.D

Acq: 11 Apr 2023 09:37

Instrument :

BNA_N

ClientSampleId :



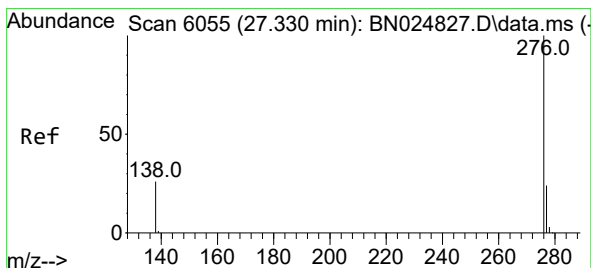
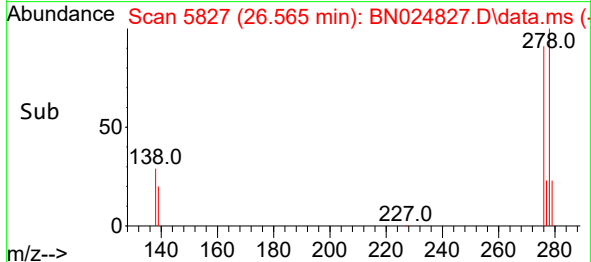
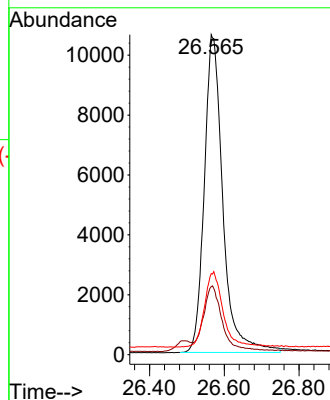
Tgt Ion:278 Resp: 36555

Ion Ratio Lower Upper

278 100

139 21.2 16.4 24.6

279 25.4 21.1 31.7



#29

Benzo(g,h,i)perylene

Concen: 0.418 ng/ul

RT: 27.330 min Scan# 6055

Delta R.T. 0.003 min

Lab File: BN024827.D

Acq: 11 Apr 2023 09:37

Tgt Ion:276 Resp: 39110

Ion Ratio Lower Upper

276 100

138 26.9 21.0 31.4

277 24.8 19.7 29.5

