

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110722\
 Data File : BN022553.D
 Acq On : 08 Nov 2022 08:11
 Operator : CG/JU
 Sample : PB148828BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 09 01:15:29 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 23:39:33 2022
 Response via : Initial Calibration

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

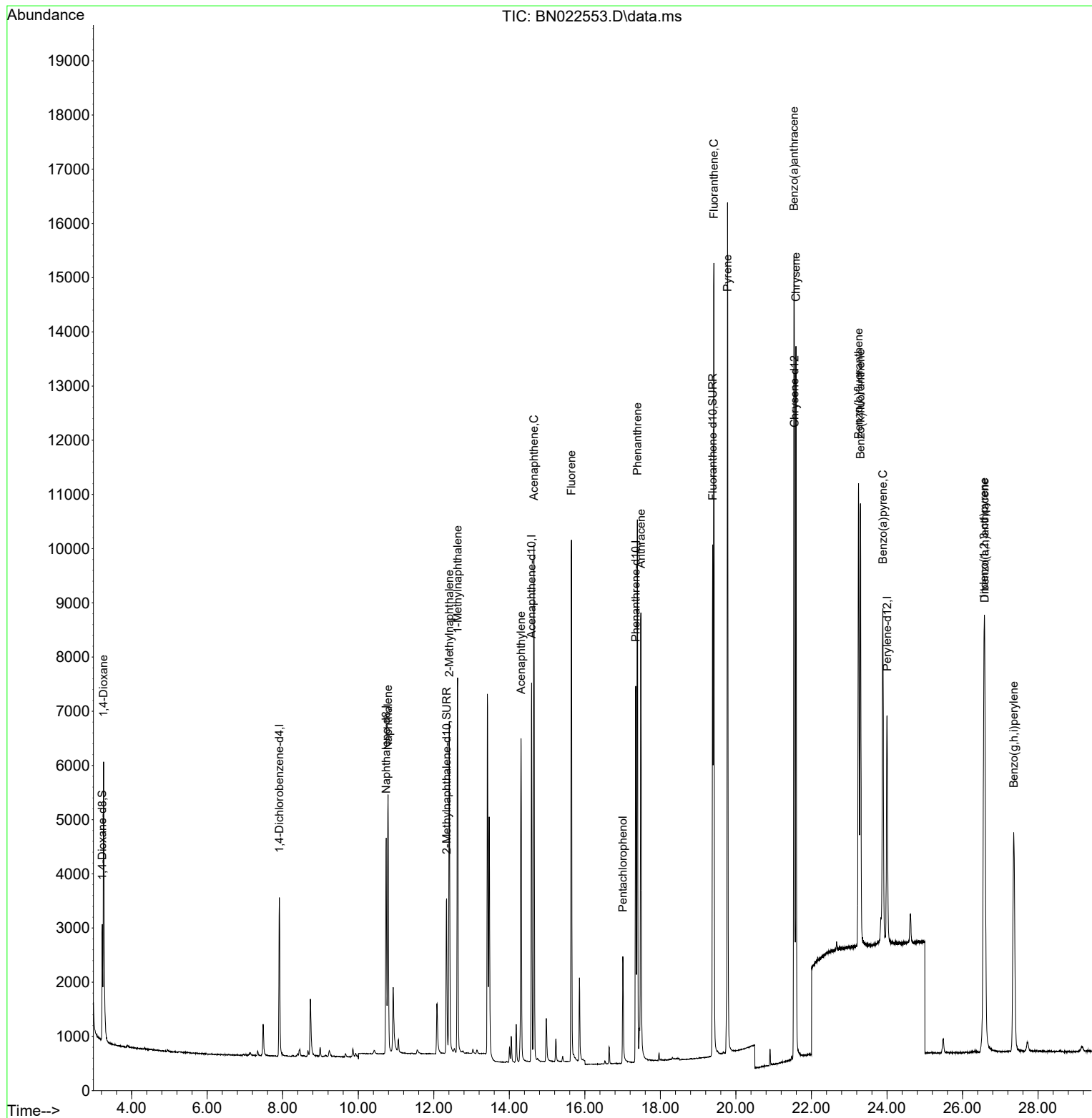
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	1613	0.400	ng/ul	0.00
4) Naphthalene-d8	10.739	136	5722	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	3828	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	8328	0.400	ng/ul	0.00
17) Chrysene-d12	21.553	240	7318	0.400	ng/ul	0.00
23) Perylene-d12	24.002	264	6063	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	1549	0.739	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	4037	0.466	ng/ul	0.00
18) Fluoranthene-d10	19.384	212	10088	0.411	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.257	88	3900	1.812	ng/ul#	89
5) Naphthalene	10.789	128	6819	0.403	ng/ul	98
7) 2-Methylnaphthalene	12.411	142	4570	0.429	ng/ul	100
8) 1-Methylnaphthalene	12.631	142	5012	0.457	ng/ul	100
10) Acenaphthylene	14.309	152	7245	0.422	ng/ul	98
11) Acenaphthene	14.651	153	5694	0.393	ng/ul	100
12) Fluorene	15.646	166	6455	0.383	ng/ul	99
14) Pentachlorophenol	17.007	266	1487	0.751	ng/ul	99
15) Phenanthrene	17.391	178	10767	0.385	ng/ul	99
16) Anthracene	17.484	178	9779	0.415	ng/ul	99
19) Fluoranthene	19.417	202	12546	0.374	ng/ul	97
20) Pyrene	19.779	202	12944	0.384	ng/ul	98
21) Benzo(a)anthracene	21.538	228	11760	0.429	ng/ul	99
22) Chrysene	21.591	228	11804	0.406	ng/ul	99
24) Benzo(b)fluoranthene	23.248	252	11430	0.375	ng/ul	96
25) Benzo(k)fluoranthene	23.298	252	11036	0.373	ng/ul	98
26) Benzo(a)pyrene	23.891	252	9716	0.400	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.568	276	11486	0.381	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.588	278	9271	0.385	ng/ul	96
29) Benzo(g,h,i)perylene	27.356	276	9321	0.379	ng/ul	97

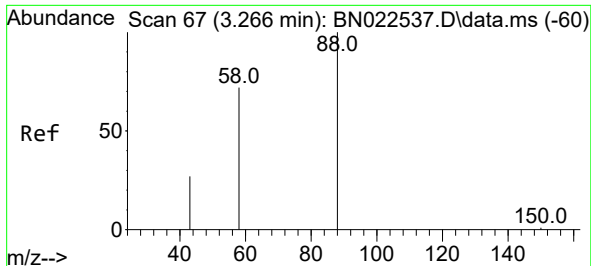
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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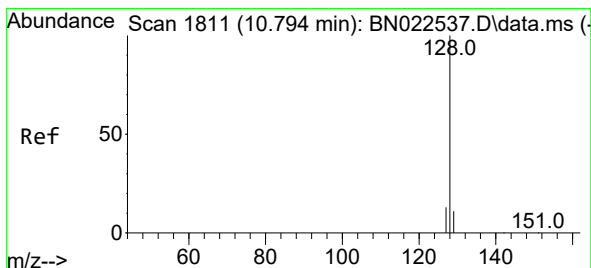
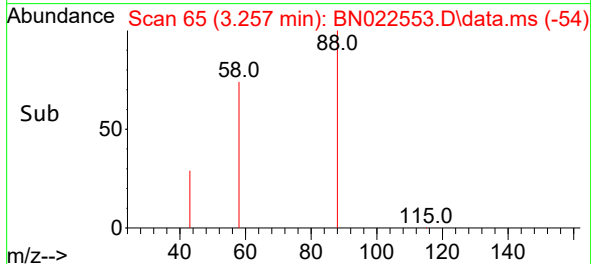
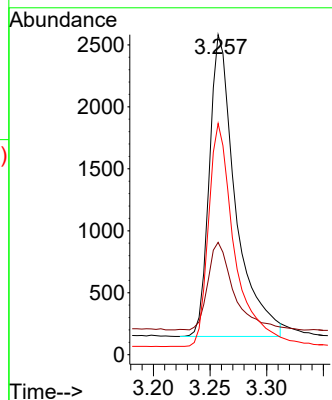
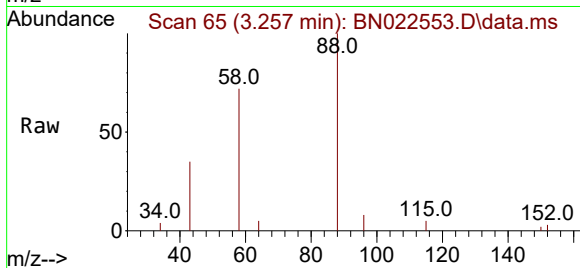




#2
1,4-Dioxane
Concen: 1.812 ng/ul
RT: 3.257 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

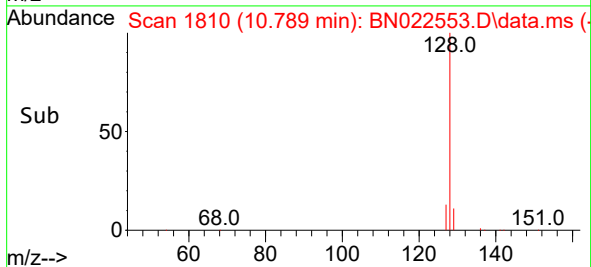
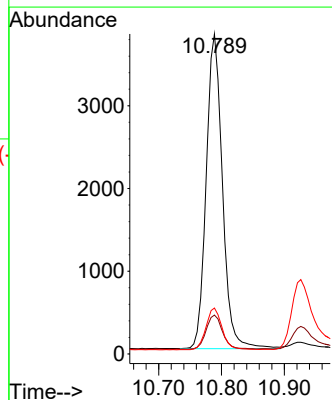
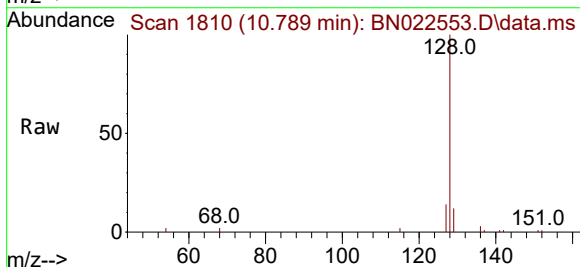
Instrument :
BNA_N
ClientSampleId :

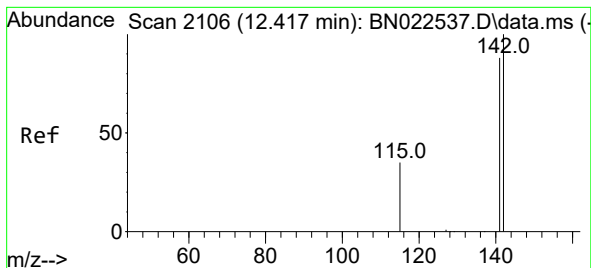
Tgt Ion: 88 Resp: 3900
Ion Ratio Lower Upper
88 100
43 35.1 27.4 41.2
58 72.3 48.2 72.2#



#5
Naphthalene
Concen: 0.403 ng/ul
RT: 10.789 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

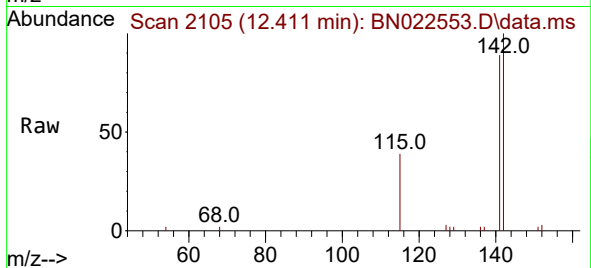
Tgt Ion: 128 Resp: 6819
Ion Ratio Lower Upper
128 100
129 12.2 9.3 13.9
127 14.4 10.7 16.1



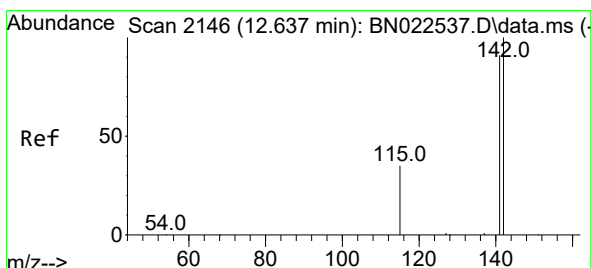
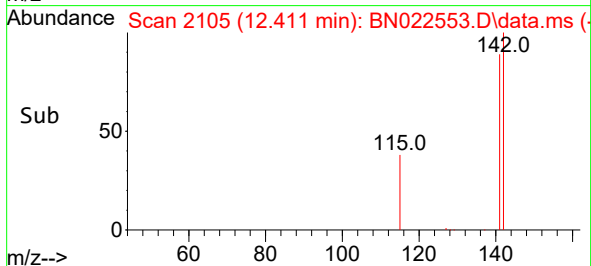
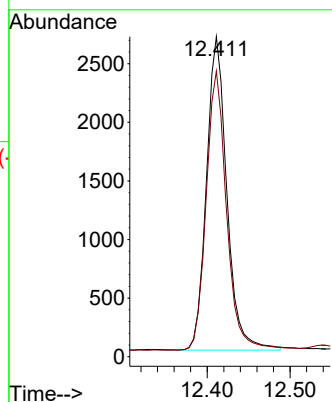


#7
2-Methylnaphthalene
Concen: 0.429 ng/ul
RT: 12.411 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

Instrument :
BNA_N
ClientSampleId :

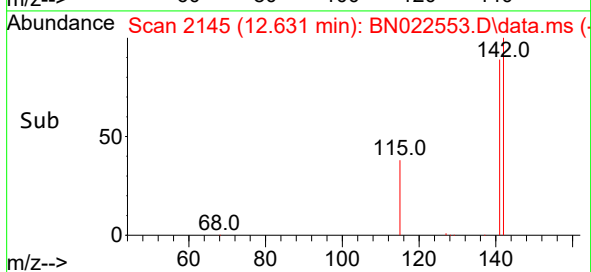
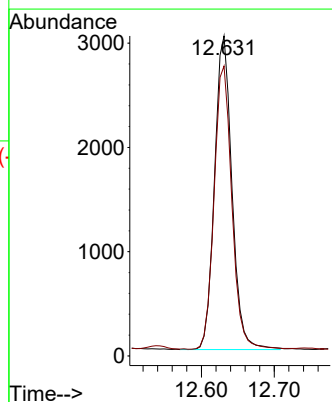
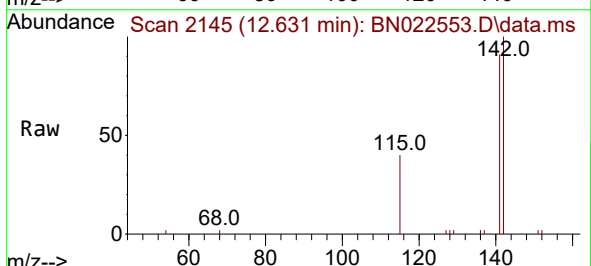


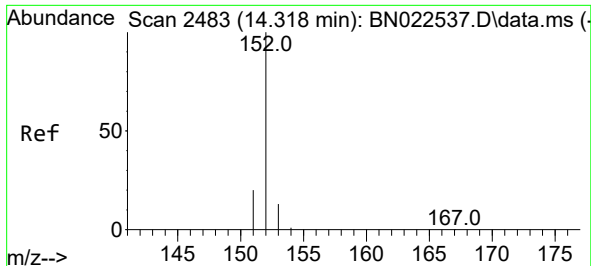
Tgt Ion:142 Resp: 4570
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.457 ng/ul
RT: 12.631 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

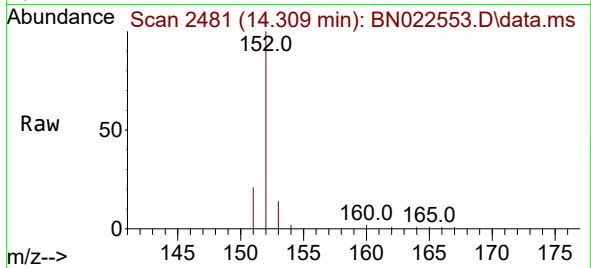
Tgt Ion:142 Resp: 5012
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9



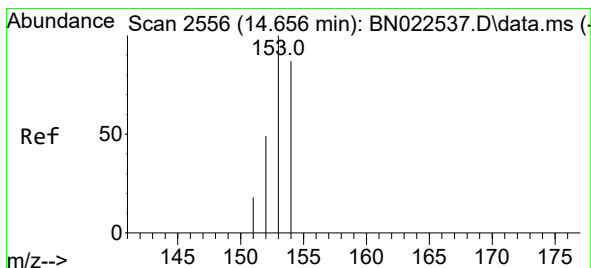
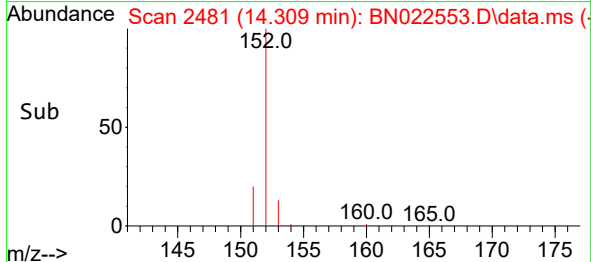
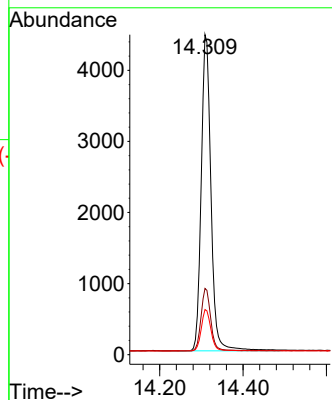


#10
Acenaphthylene
Concen: 0.422 ng/ul
RT: 14.309 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

Instrument :
BNA_N
ClientSampleId :

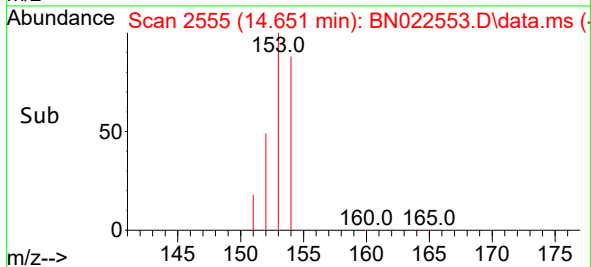
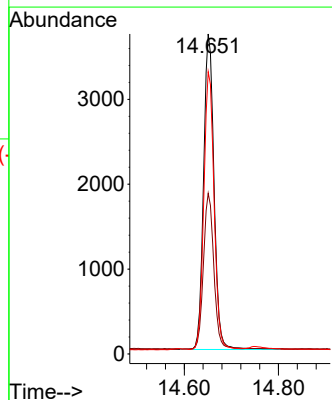
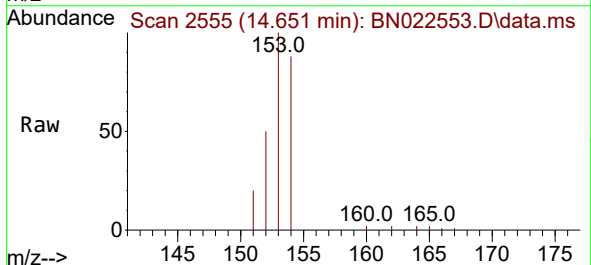


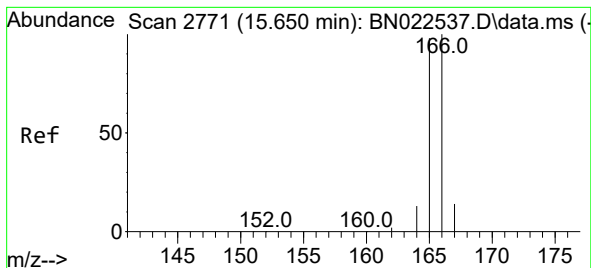
Tgt Ion:152 Resp: 7245
Ion Ratio Lower Upper
152 100
151 20.7 15.9 23.9
153 14.1 10.8 16.2



#11
Acenaphthene
Concen: 0.393 ng/ul
RT: 14.651 min Scan# 2555
Delta R.T. -0.009 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

Tgt Ion:153 Resp: 5694
Ion Ratio Lower Upper
153 100
152 50.2 40.6 61.0
154 88.2 70.6 106.0





#12

Fluorene

Concen: 0.383 ng/ul

RT: 15.646 min Scan# 21

Delta R.T. -0.005 min

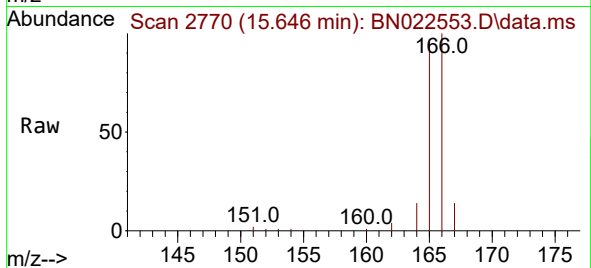
Lab File: BN022553.D

Acq: 08 Nov 2022 08:11

Instrument :

BNA_N

ClientSampleId :



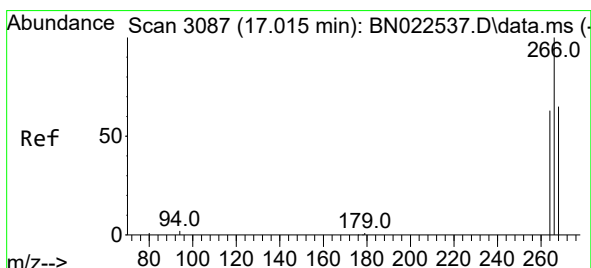
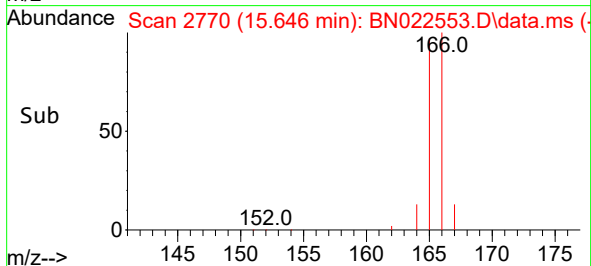
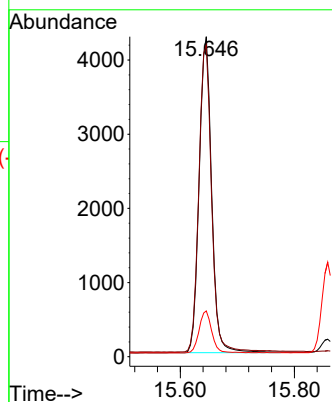
Tgt Ion:166 Resp: 6455

Ion Ratio Lower Upper

166 100

165 97.3 78.2 117.2

167 14.3 11.0 16.4



#14

Pentachlorophenol

Concen: 0.751 ng/ul

RT: 17.007 min Scan# 3085

Delta R.T. -0.004 min

Lab File: BN022553.D

Acq: 08 Nov 2022 08:11

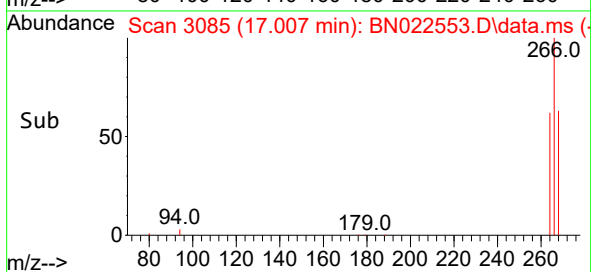
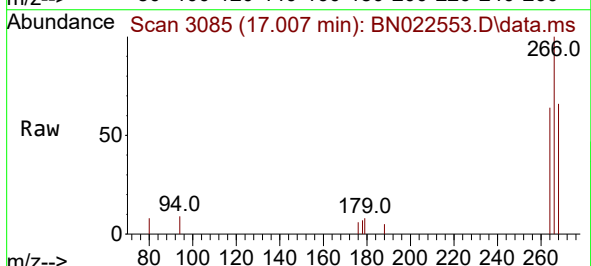
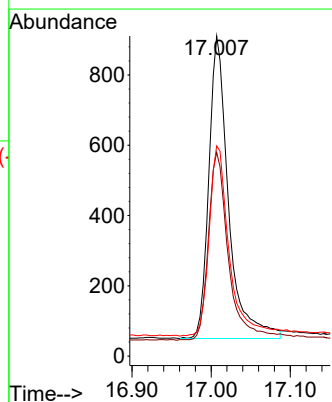
Tgt Ion:266 Resp: 1487

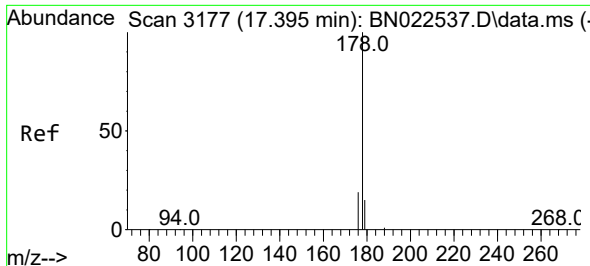
Ion Ratio Lower Upper

266 100

264 63.9 49.8 74.6

268 64.6 51.4 77.2

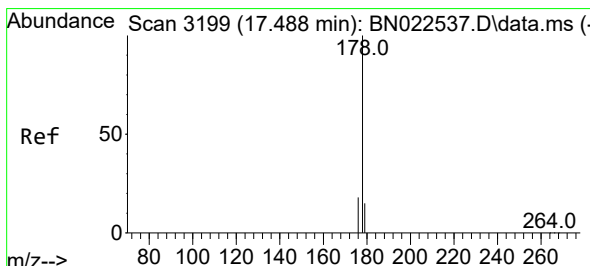
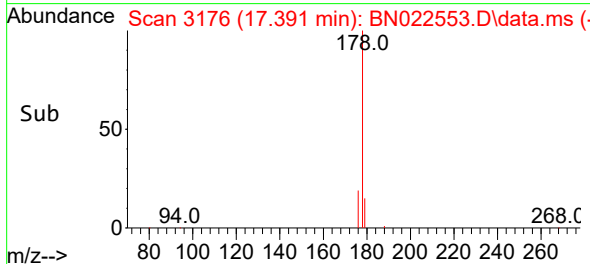
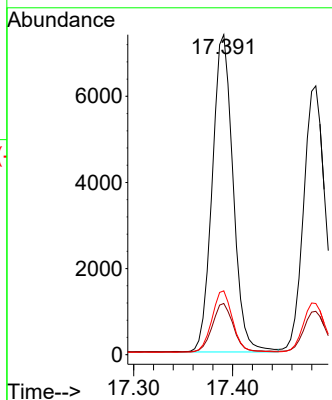
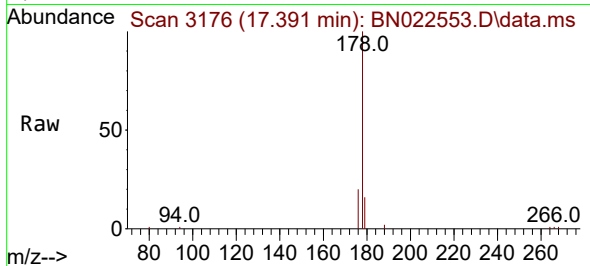




#15
Phenanthrene
Concen: 0.385 ng/ul
RT: 17.391 min Scan# 3177
Delta R.T. -0.004 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

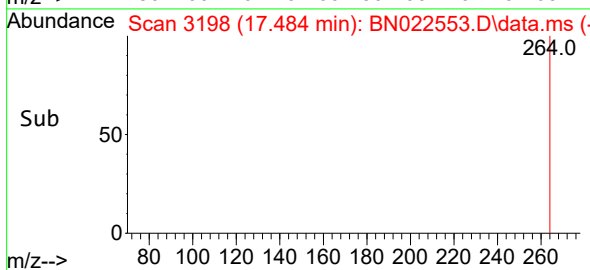
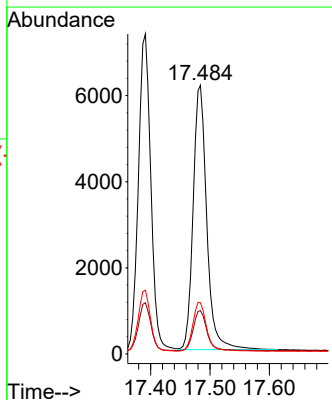
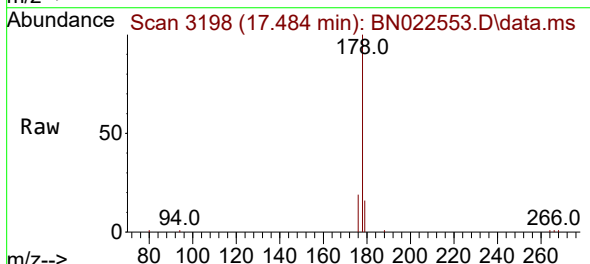
Instrument :
BNA_N
ClientSampleId :

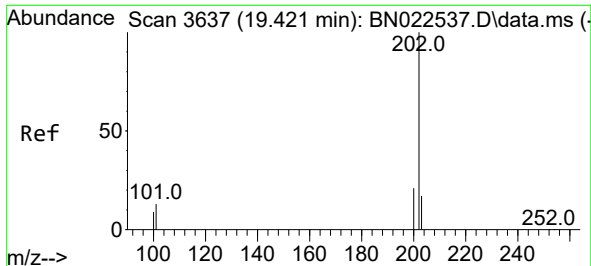
Tgt Ion:178 Resp: 10767
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 20.0 15.4 23.2



#16
Anthracene
Concen: 0.415 ng/ul
RT: 17.484 min Scan# 3198
Delta R.T. -0.004 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

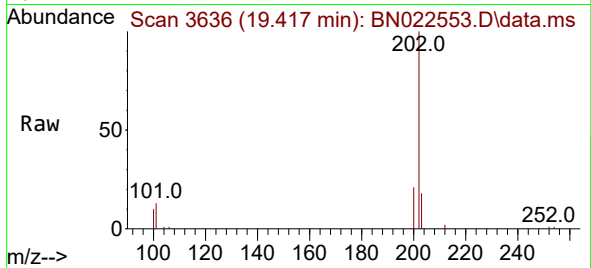
Tgt Ion:178 Resp: 9779
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.1 15.0 22.6



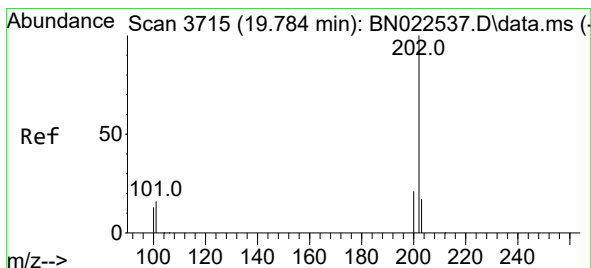
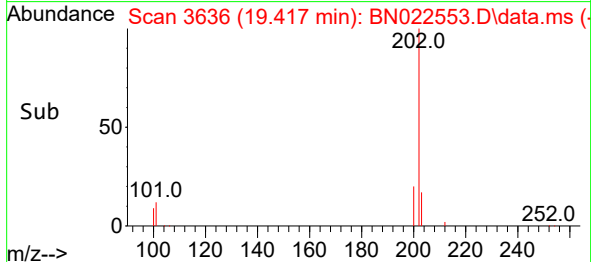
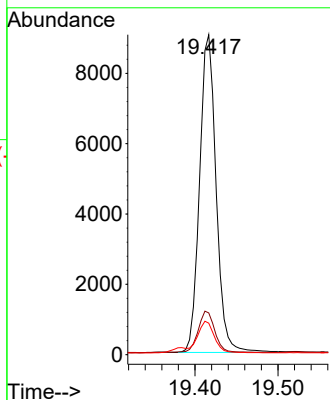


#19
Fluoranthene
Concen: 0.374 ng/ul
RT: 19.417 min Scan# 3636
Delta R.T. -0.005 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

Instrument :
BNA_N
ClientSampleId :

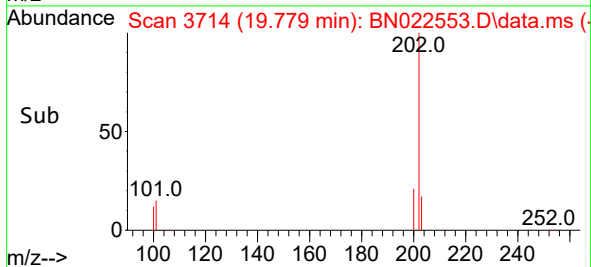
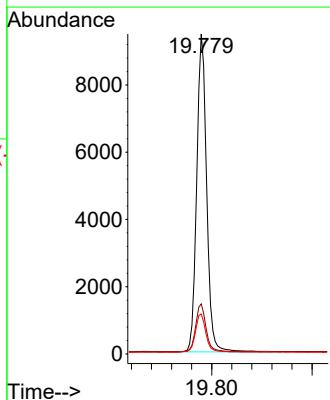
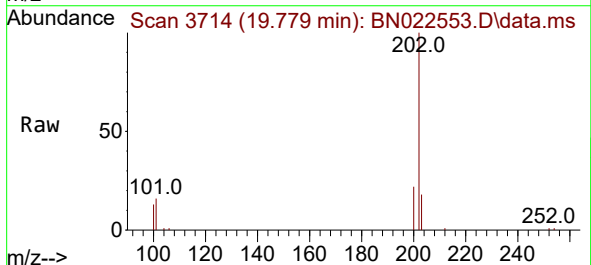


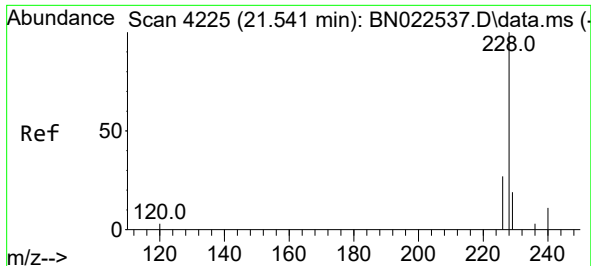
Tgt Ion:202 Resp: 12546
Ion Ratio Lower Upper
202 100
101 13.0 11.8 17.6
100 9.9 8.7 13.1



#20
Pyrene
Concen: 0.384 ng/ul
RT: 19.779 min Scan# 3714
Delta R.T. -0.005 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

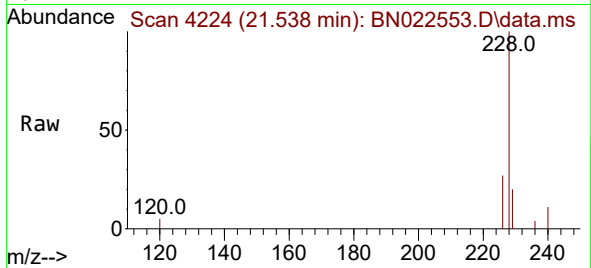
Tgt Ion:202 Resp: 12944
Ion Ratio Lower Upper
202 100
101 15.6 13.1 19.7
100 12.5 10.6 16.0



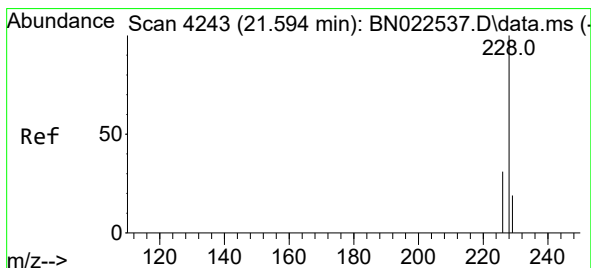
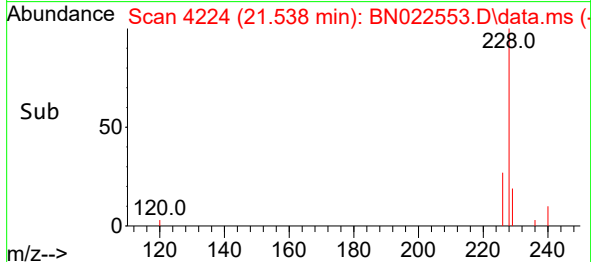
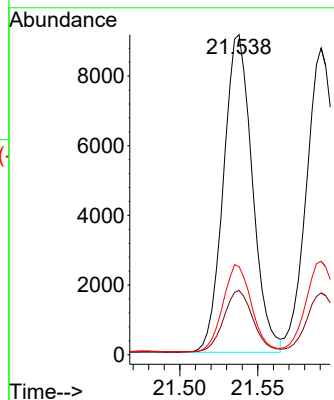


#21
Benzo(a)anthracene
Concen: 0.429 ng/ul
RT: 21.538 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

Instrument :
BNA_N
ClientSampleId :

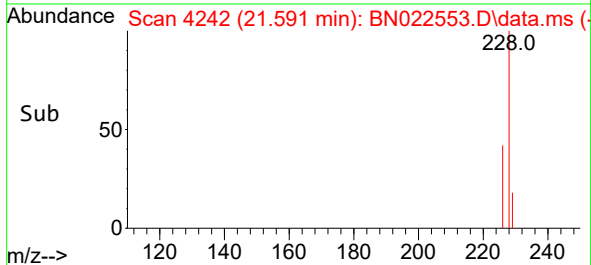
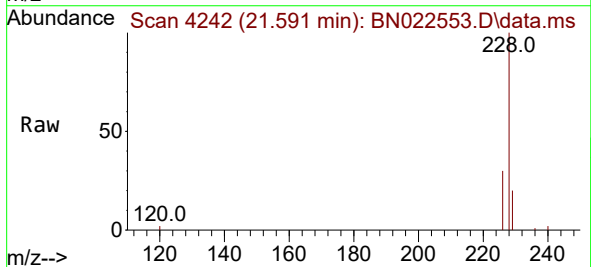
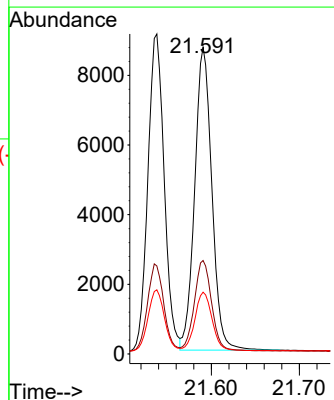


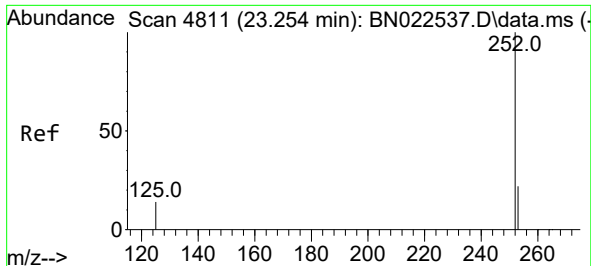
Tgt Ion:228 Resp: 11760
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 27.5 21.5 32.3



#22
Chrysene
Concen: 0.406 ng/ul
RT: 21.591 min Scan# 4242
Delta R.T. -0.003 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

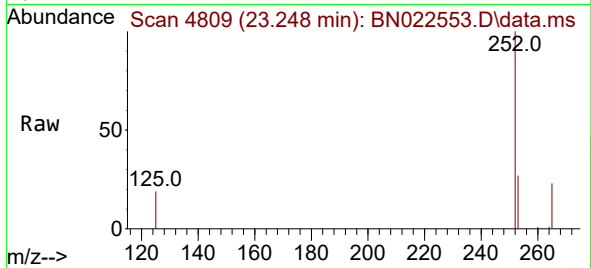
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Ion Ratio Lower Upper
228 100
226 30.5 23.9 35.9
229 20.1 15.9 23.9



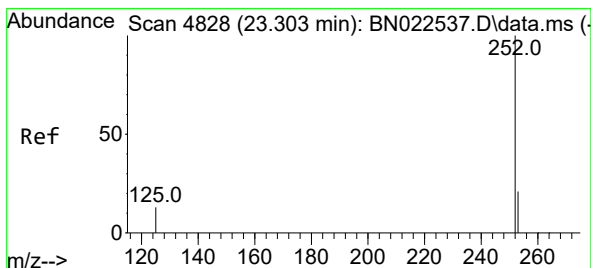
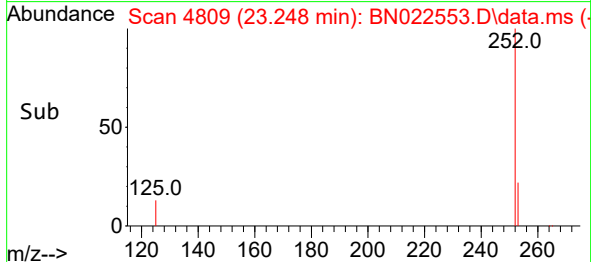
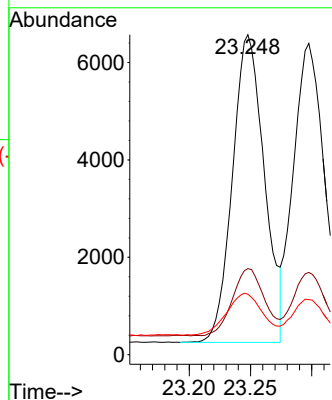


#24
Benzo(b)fluoranthene
Concen: 0.375 ng/ul
RT: 23.248 min Scan# 4809
Delta R.T. -0.003 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

Instrument :
BNA_N
ClientSampleId :

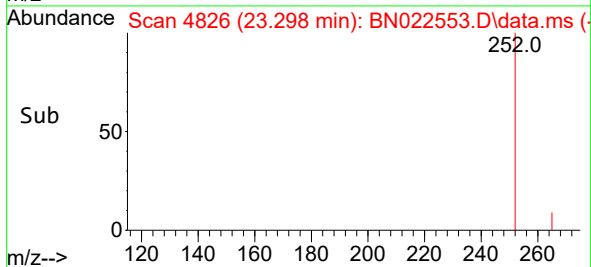
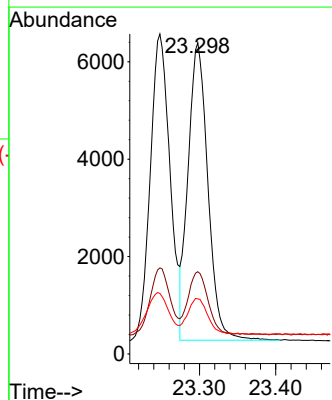
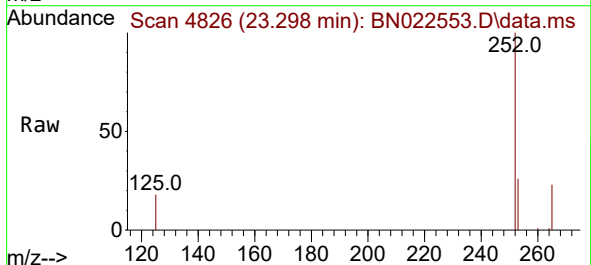


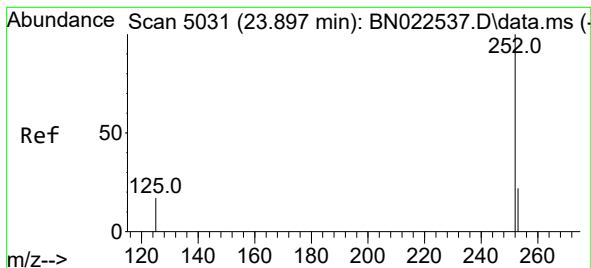
Tgt Ion:252 Resp: 11430
Ion Ratio Lower Upper
252 100
253 26.9 0.0 49.0
125 18.9 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.373 ng/ul
RT: 23.298 min Scan# 4826
Delta R.T. -0.003 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

Tgt Ion:252 Resp: 11036
Ion Ratio Lower Upper
252 100
253 26.4 19.7 29.5
125 17.7 14.0 21.0





#26

Benzo(a)pyrene

Concen: 0.400 ng/ul

RT: 23.891 min Scan# 5031

Delta R.T. -0.003 min

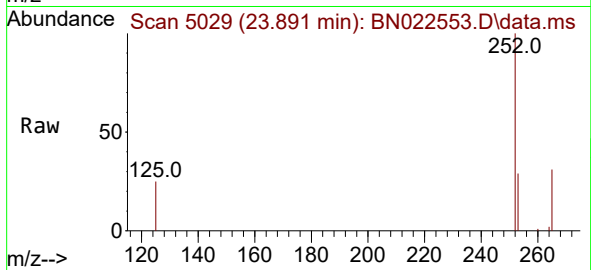
Lab File: BN022553.D

Acq: 08 Nov 2022 08:11

Instrument :

BNA_N

ClientSampleId :



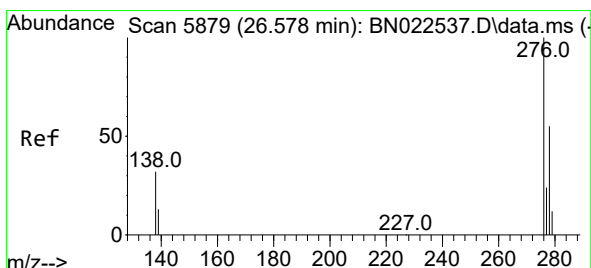
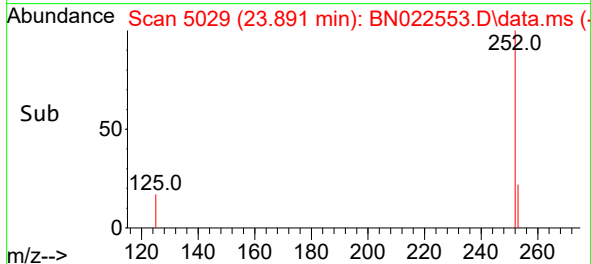
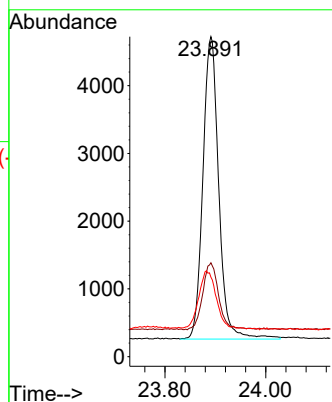
Tgt Ion:252 Resp: 9716

Ion Ratio Lower Upper

252 100

253 29.3 21.0 31.6

125 24.8 17.9 26.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.381 ng/ul

RT: 26.568 min Scan# 5876

Delta R.T. -0.004 min

Lab File: BN022553.D

Acq: 08 Nov 2022 08:11

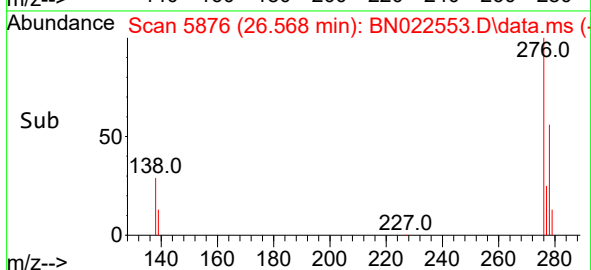
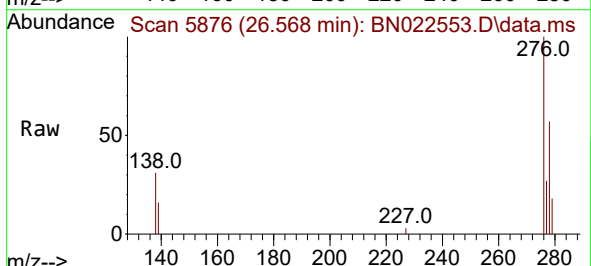
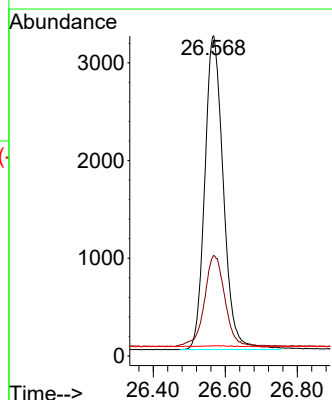
Tgt Ion:276 Resp: 11486

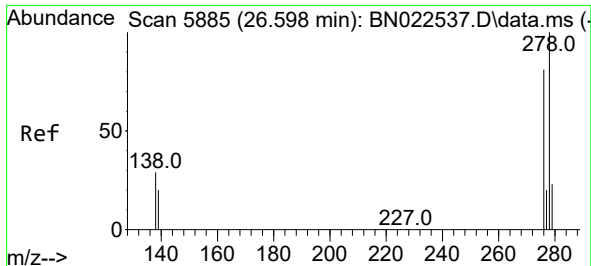
Ion Ratio Lower Upper

276 100

138 31.9 27.7 41.5

227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.385 ng/ul

RT: 26.588 min Scan# 5882

Delta R.T. -0.000 min

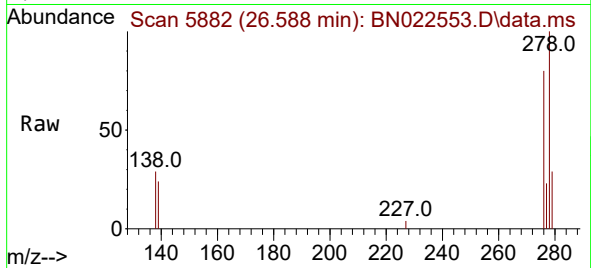
Lab File: BN022553.D

Acq: 08 Nov 2022 08:11

Instrument :

BNA_N

ClientSampleId :



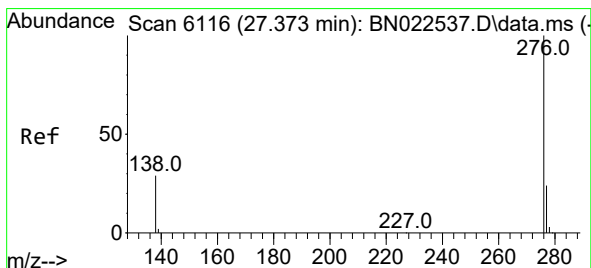
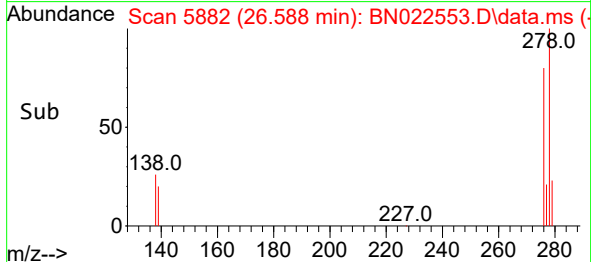
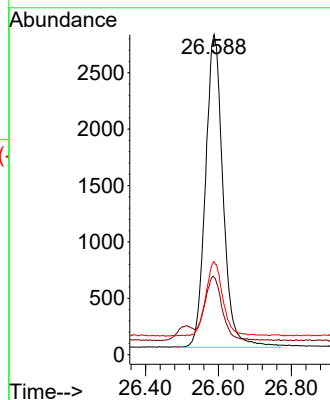
Tgt Ion:278 Resp: 9271

Ion Ratio Lower Upper

278 100

139 24.2 19.6 29.4

279 29.1 20.6 30.8



#29

Benzo(g,h,i)perylene

Concen: 0.379 ng/ul

RT: 27.356 min Scan# 6111

Delta R.T. -0.003 min

Lab File: BN022553.D

Acq: 08 Nov 2022 08:11

Tgt Ion:276 Resp: 9321

Ion Ratio Lower Upper

276 100

138 29.3 25.2 37.8

277 26.3 19.9 29.9

