

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023443.D
 Acq On : 25 Dec 2022 11:10
 Operator : CG/JU
 Sample : N6017-16
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 26 01:23:02 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 25 05:17:59 2022
 Response via : Initial Calibration

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

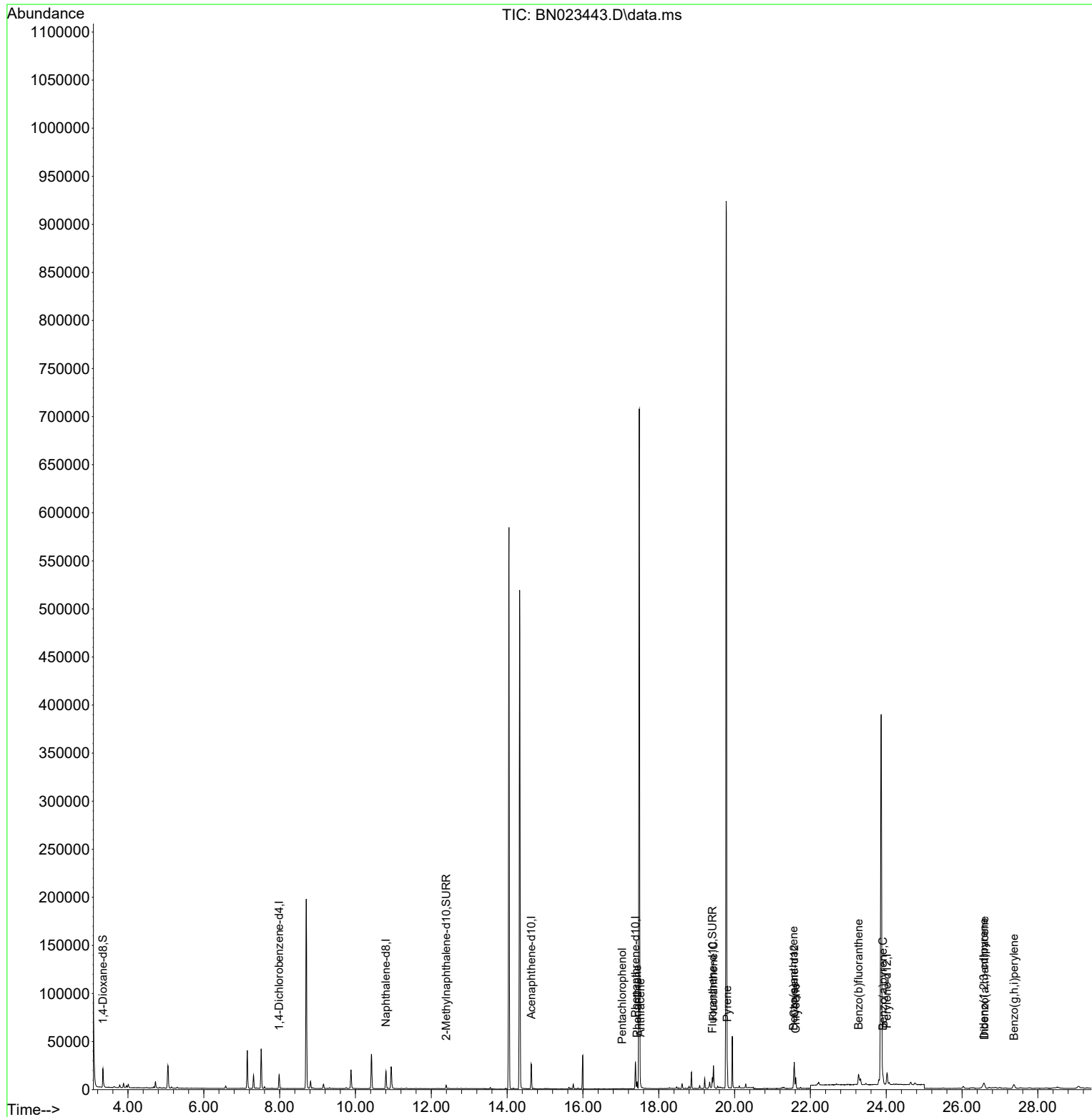
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.985	152	7027	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	23364	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.636	164	13922	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	31166	0.400	ng/ul	0.00
17) Chrysene-d12	21.575	240	21954	0.400	ng/ul	0.00
23) Perylene-d12	24.022	264	16466	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	13137	1.721	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	4517	0.125	ng/ul	0.00
18) Fluoranthene-d10	19.415	212	11262	0.142	ng/ul	0.00
Target Compounds						
					Qvalue	
14) Pentachlorophenol	17.035	266	236	0.027	ng/ul	98
15) Phenanthrene	17.428	178	7104	0.070	ng/ul	94
16) Anthracene	17.517	178	1959	0.023	ng/ul#	82
19) Fluoranthene	19.443	202	18950	0.178	ng/ul	96
20) Pyrene	19.810	202	16947	0.158	ng/ul	99
21) Benzo(a)anthracene	21.557	228	9263	0.108	ng/ul#	95
22) Chrysene	21.613	228	10632	0.122	ng/ul#	94
24) Benzo(b)fluoranthene	23.273	252	21625	0.254	ng/ul#	71
26) Benzo(a)pyrene	23.913	252	10015	0.149	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.573	276	8926	0.113	ng/ul#	77
28) Dibenzo(a,h)anthracene	26.594	278	2683	0.044	ng/ul#	42
29) Benzo(g,h,i)perylene	27.368	276	7832	0.122	ng/ul#	73

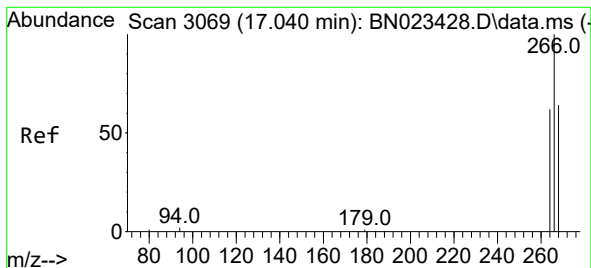
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 26 01:23:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 25 05:17:59 2022
Response via : Initial Calibration





#14

Pentachlorophenol

Concen: 0.027 ng/ul

RT: 17.035 min Scan# 3068

Delta R.T. -0.004 min

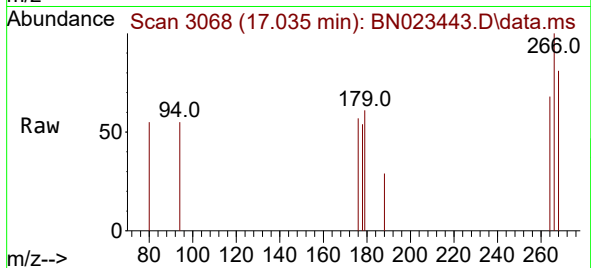
Lab File: BN023443.D

Acq: 25 Dec 2022 11:10

Instrument :

BNA_N

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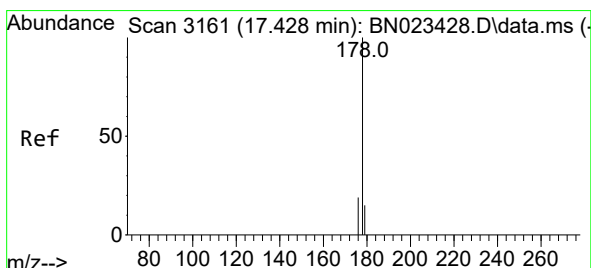
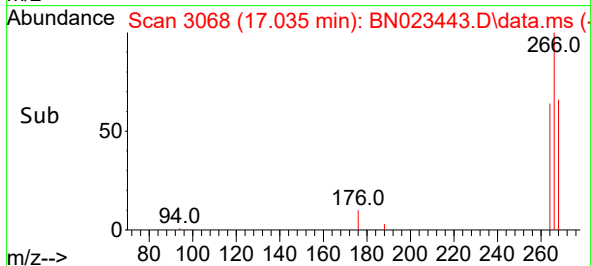
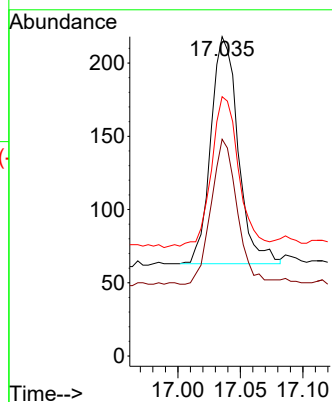
Tgt Ion:266 Resp: 236

Ion Ratio Lower Upper

266 100

264 62.3 49.8 74.6

268 66.5 51.4 77.0



#15

Phenanthrene

Concen: 0.070 ng/ul

RT: 17.428 min Scan# 3161

Delta R.T. 0.000 min

Lab File: BN023443.D

Acq: 25 Dec 2022 11:10

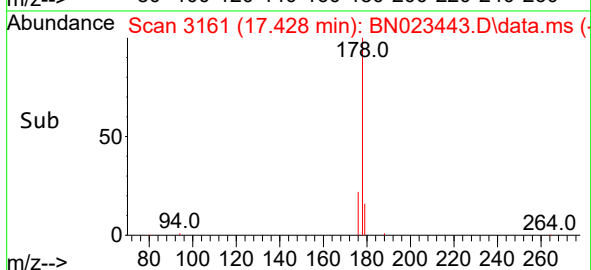
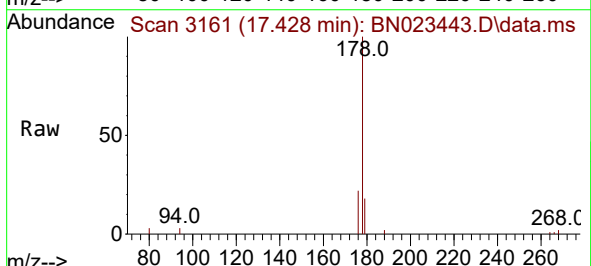
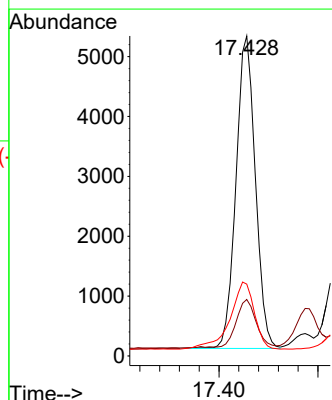
Tgt Ion:178 Resp: 7104

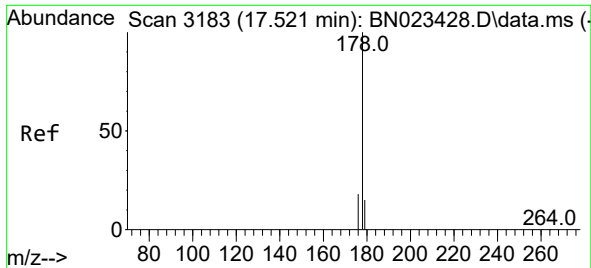
Ion Ratio Lower Upper

178 100

179 17.7 12.5 18.7

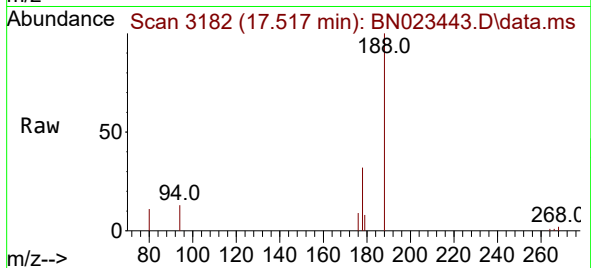
176 22.5 15.7 23.5



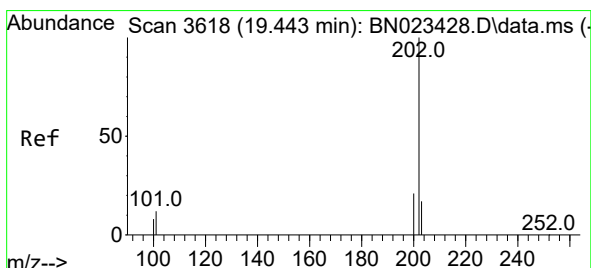
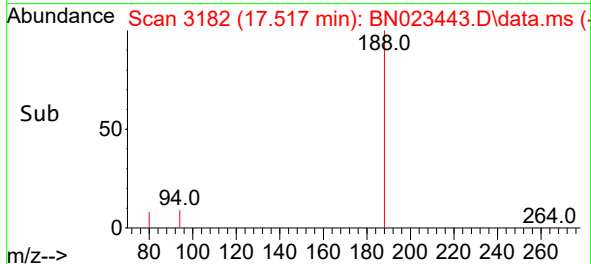
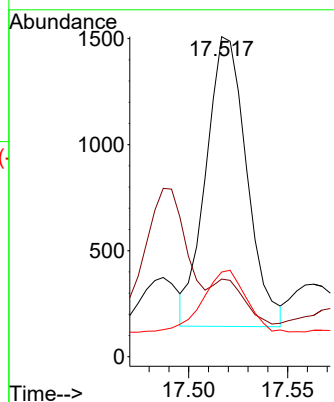


#16
 Anthracene
 Concen: 0.023 ng/ul
 RT: 17.517 min Scan# 3182
 Delta R.T. -0.004 min
 Lab File: BN023443.D
 Acq: 25 Dec 2022 11:10

Instrument :
 BNA_N
 ClientSampleId :

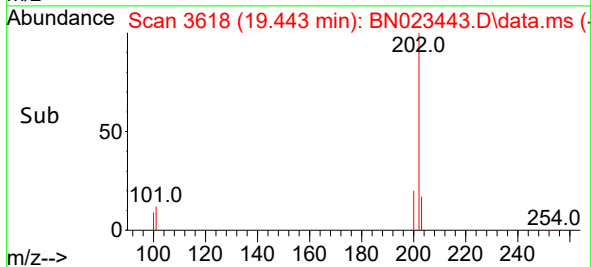
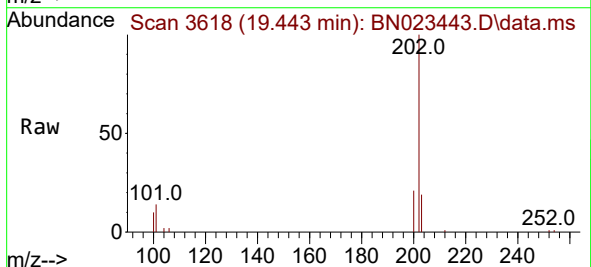
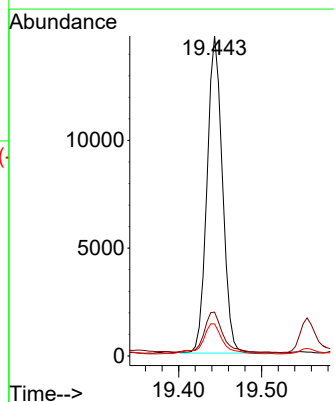


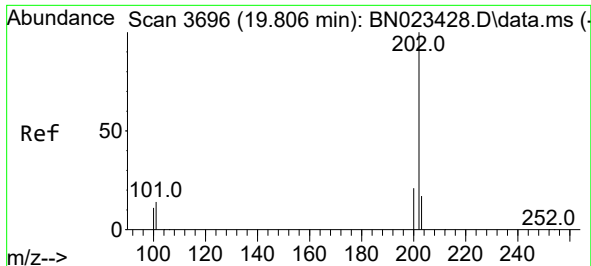
Tgt Ion:178 Resp: 1959
 Ion Ratio Lower Upper
 178 100
 179 24.3 12.6 18.8#
 176 26.4 15.4 23.0#



#19
 Fluoranthene
 Concen: 0.178 ng/ul
 RT: 19.443 min Scan# 3618
 Delta R.T. 0.000 min
 Lab File: BN023443.D
 Acq: 25 Dec 2022 11:10

Tgt Ion:202 Resp: 18950
 Ion Ratio Lower Upper
 202 100
 101 13.7 9.4 14.2
 100 10.0 7.0 10.6

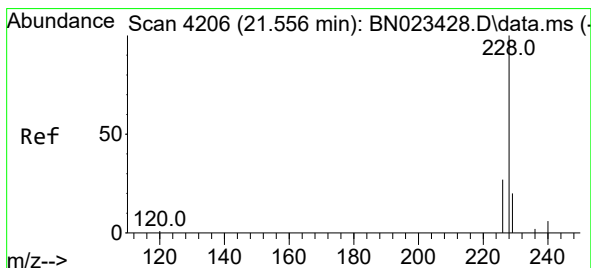
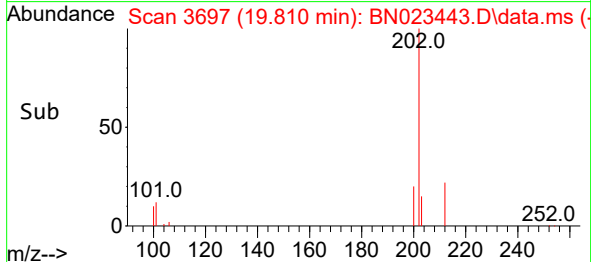
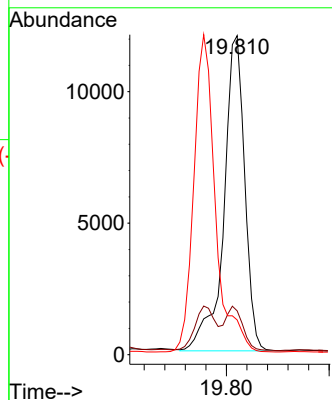
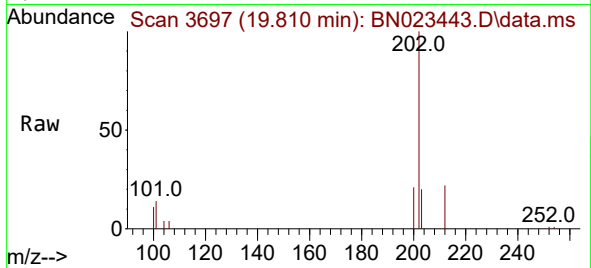




#20
Pyrene
Concen: 0.158 ng/ul
RT: 19.810 min Scan# 3696
Delta R.T. 0.005 min
Lab File: BN023443.D
Acq: 25 Dec 2022 11:10

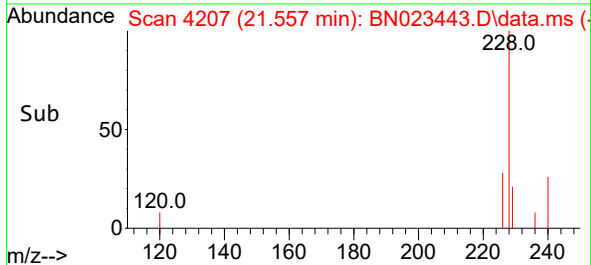
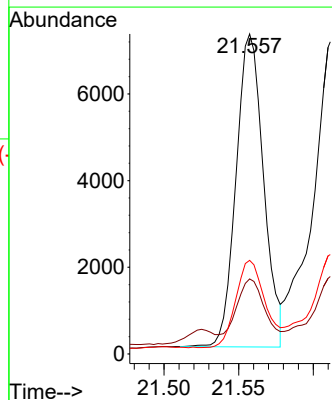
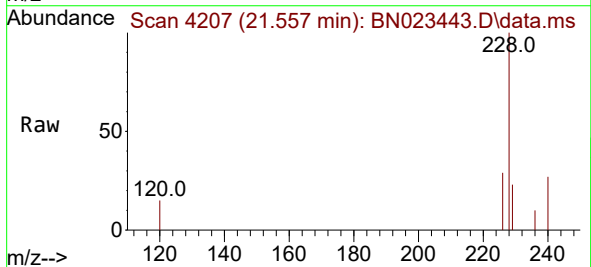
Instrument :
BNA_N
ClientSampleId :

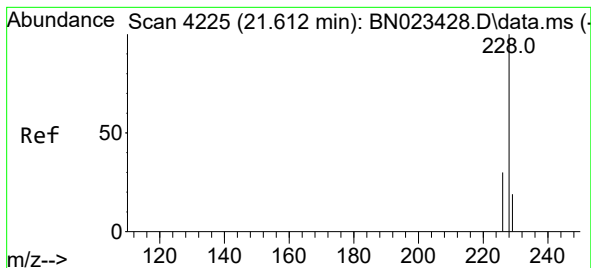
Tgt Ion:202 Resp: 16947
Ion Ratio Lower Upper
202 100
101 13.8 11.3 16.9
100 10.9 9.0 13.4



#21
Benzo(a)anthracene
Concen: 0.108 ng/ul
RT: 21.557 min Scan# 4207
Delta R.T. 0.001 min
Lab File: BN023443.D
Acq: 25 Dec 2022 11:10

Tgt Ion:228 Resp: 9263
Ion Ratio Lower Upper
228 100
229 23.4 15.6 23.4#
226 29.2 22.2 33.2





#22

Chrysene

Concen: 0.122 ng/ul

RT: 21.613 min Scan# 41

Delta R.T. 0.001 min

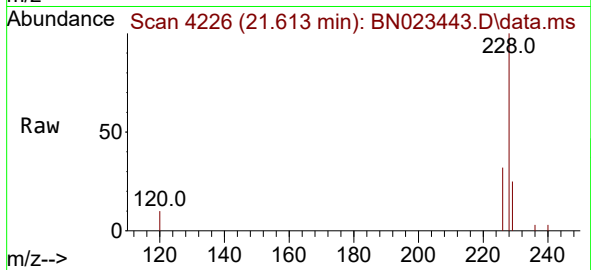
Lab File: BN023443.D

Acq: 25 Dec 2022 11:10

Instrument :

BNA_N

ClientSampleId :



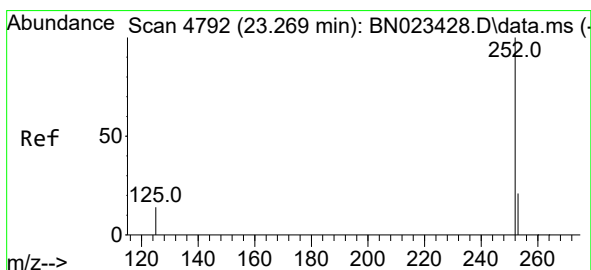
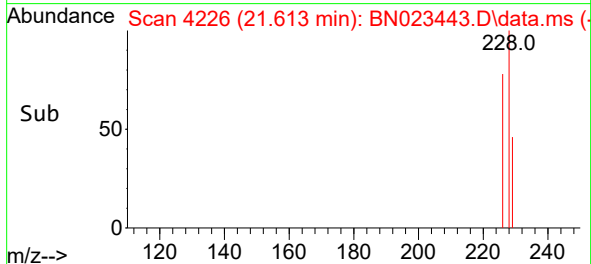
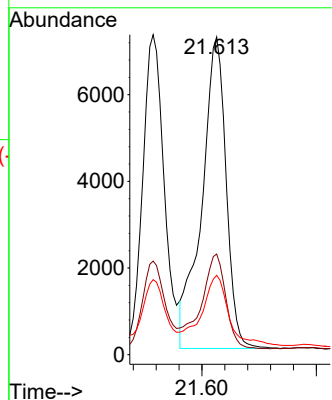
Tgt Ion:228 Resp: 10632

Ion Ratio Lower Upper

228 100

226 31.7 24.3 36.5

229 25.0 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 0.254 ng/ul

RT: 23.273 min Scan# 4794

Delta R.T. 0.004 min

Lab File: BN023443.D

Acq: 25 Dec 2022 11:10

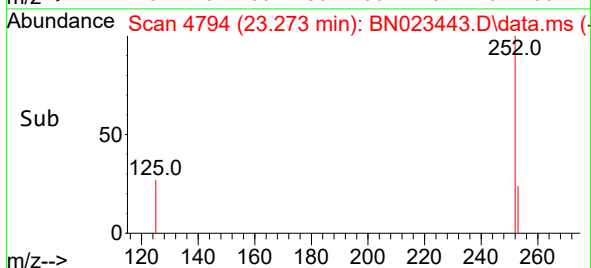
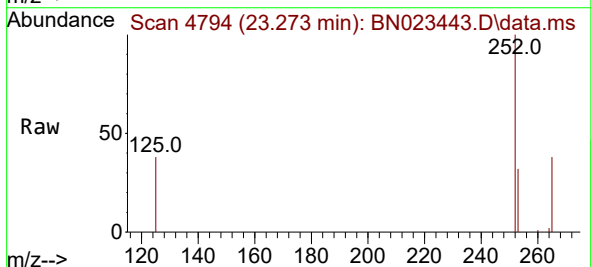
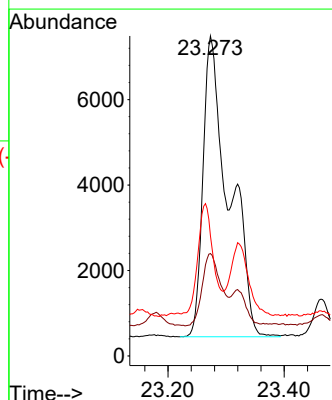
Tgt Ion:252 Resp: 21625

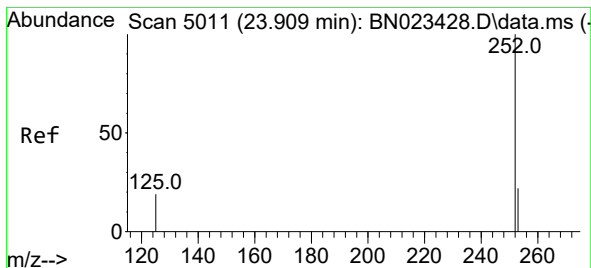
Ion Ratio Lower Upper

252 100

253 32.0 0.0 49.2

125 37.6 0.0 31.8#





#26

Benzo(a)pyrene

Concen: 0.149 ng/ul

RT: 23.913 min Scan# 5011

Delta R.T. 0.004 min

Lab File: BN023443.D

Acq: 25 Dec 2022 11:10

Instrument :

BNA_N

ClientSampleId :

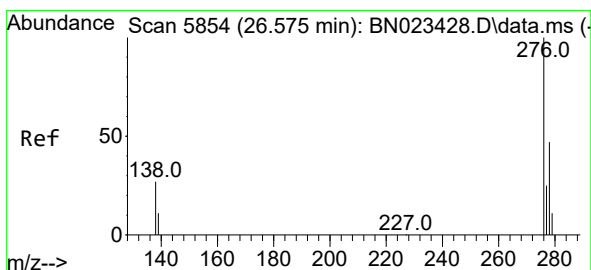
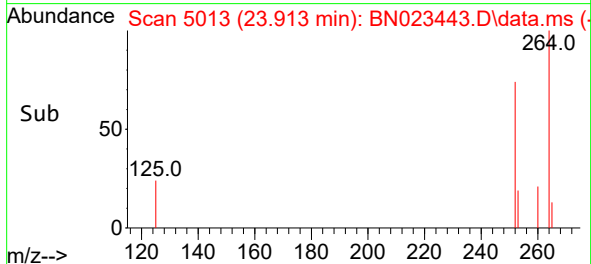
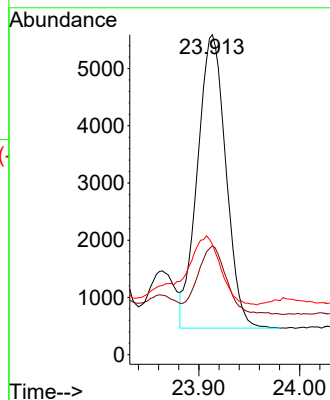
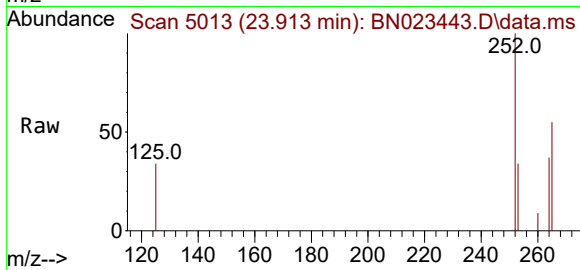
Tgt Ion:252 Resp: 10015

Ion Ratio Lower Upper

252 100

253 34.0 21.4 32.2#

125 34.4 16.2 24.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.113 ng/ul

RT: 26.573 min Scan# 5854

Delta R.T. -0.002 min

Lab File: BN023443.D

Acq: 25 Dec 2022 11:10

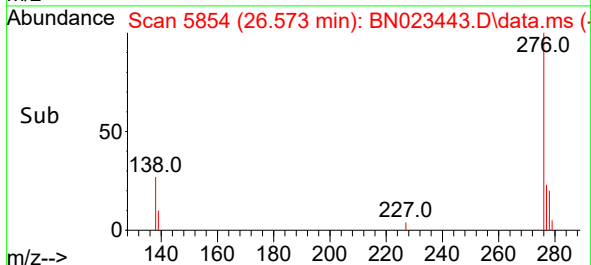
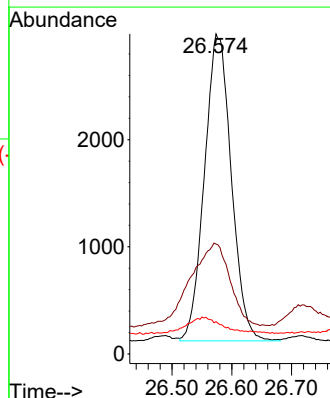
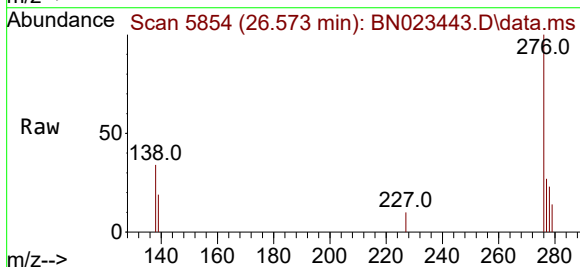
Tgt Ion:276 Resp: 8926

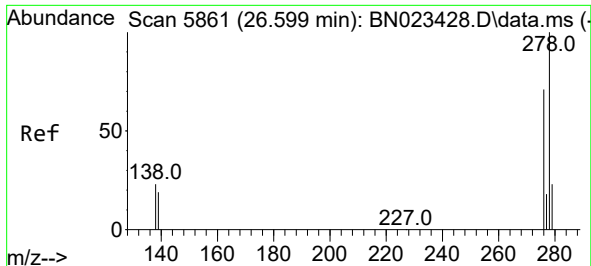
Ion Ratio Lower Upper

276 100

138 41.4 23.4 35.2#

227 0.0 0.0 0.0

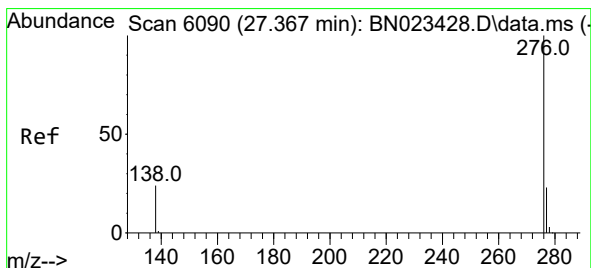
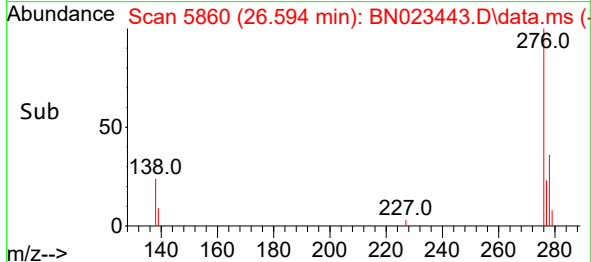
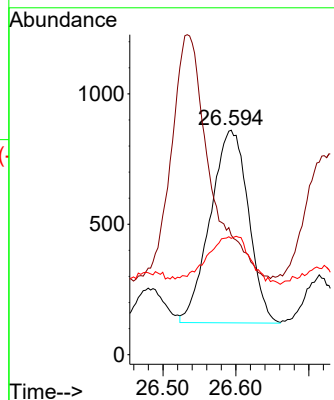
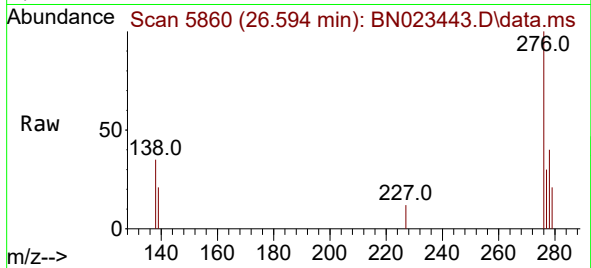




#28
Dibenzo(a,h)anthracene
Concen: 0.044 ng/ul
RT: 26.594 min Scan# 5860
Delta R.T. -0.005 min
Lab File: BN023443.D
Acq: 25 Dec 2022 11:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 278 Resp: 2683
Ion Ratio Lower Upper
278 100
139 53.2 16.6 24.8#
279 51.8 21.3 31.9#



#29
Benzo(g,h,i)perylene
Concen: 0.122 ng/ul
RT: 27.368 min Scan# 6091
Delta R.T. 0.002 min
Lab File: BN023443.D
Acq: 25 Dec 2022 11:10

Tgt Ion: 276 Resp: 7832
Ion Ratio Lower Upper
276 100
138 47.5 20.3 30.5#
277 28.9 19.7 29.5

