

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122122\
 Data File : BN023324.D
 Acq On : 21 Dec 2022 21:41
 Operator : CG/JU
 Sample : N6003-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 22 03:22:07 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 : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

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

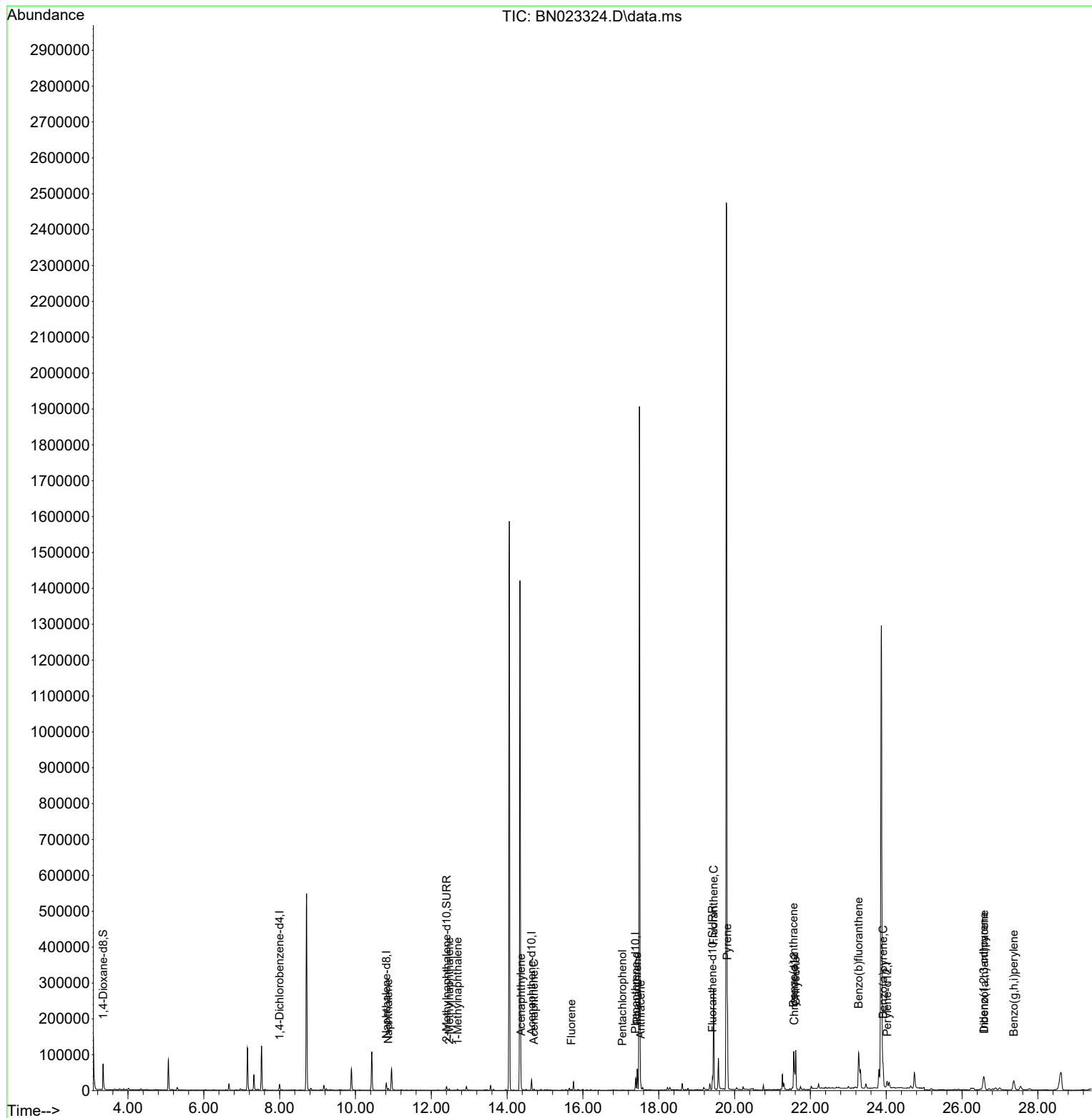
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	7808	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	25459	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	15340	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	36121	0.400	ng/ul	0.00
17) Chrysene-d12	21.575	240	30005	0.400	ng/ul	0.00
23) Perylene-d12	24.022	264	24662	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.345	96	47506	5.600	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.405	152	13222	0.336	ng/ul	0.00
18) Fluoranthene-d10	19.416	212	34351	0.317	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.865	128	6264	0.084	ng/ul	96
7) 2-Methylnaphthalene	12.476	142	2668	0.056	ng/ul	99
8) 1-Methylnaphthalene	12.696	142	1886	0.038	ng/ul	99
10) Acenaphthylene	14.368	152	8414	0.124	ng/ul	97
11) Acenaphthene	14.705	153	1649	0.029	ng/ul	97
12) Fluorene	15.695	166	1562	0.024	ng/ul#	94
14) Pentachlorophenol	17.040	266	409	0.041	ng/ul	97
15) Phenanthrene	17.432	178	59963	0.510	ng/ul	99
16) Anthracene	17.525	178	10644	0.109	ng/ul	97
19) Fluoranthene	19.448	202	217449	1.494	ng/ul#	93
20) Pyrene	19.811	202	165050	1.125	ng/ul	100
21) Benzo(a)anthracene	21.558	228	85544	0.732	ng/ul	98
22) Chrysene	21.613	228	117634	0.990	ng/ul	99
24) Benzo(b)fluoranthene	23.273	252	219809	1.723	ng/ul	98
26) Benzo(a)pyrene	23.916	252	82483	0.817	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.574	276	64450	0.547	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.584	278	15504	0.170	ng/ul#	82
29) Benzo(g,h,i)perylene	27.365	276	54146	0.564	ng/ul#	87

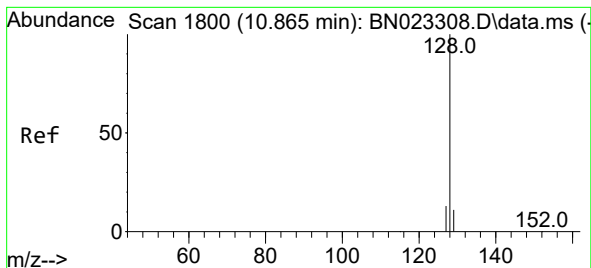
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122122\
Data File : BN023324.D
Acq On : 21 Dec 2022 21:41
Operator : CG/JU
Sample : N6003-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 22 03:22:07 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 : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.084 ng/ul

RT: 10.865 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BN023324.D

Acq: 21 Dec 2022 21:41

Instrument :

BNA_N

ClientSampleId :

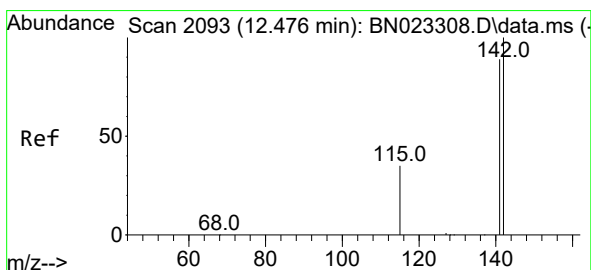
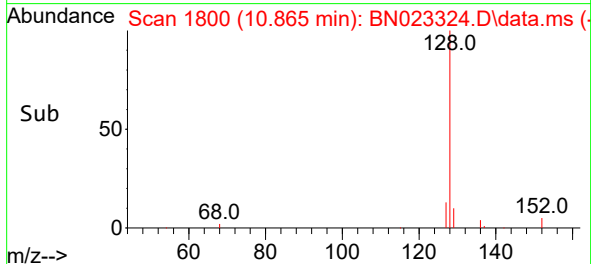
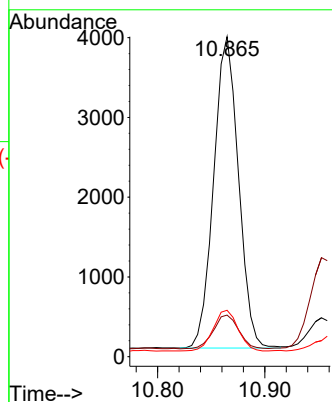
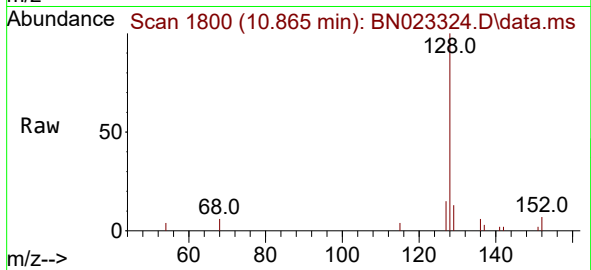
Tgt Ion:128 Resp: 6264

Ion Ratio Lower Upper

128 100

129 13.0 9.0 13.4

127 14.5 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.056 ng/ul

RT: 12.476 min Scan# 2093

Delta R.T. 0.000 min

Lab File: BN023324.D

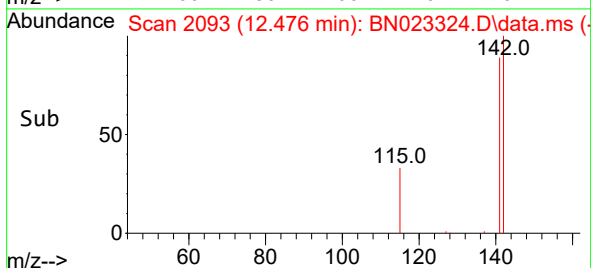
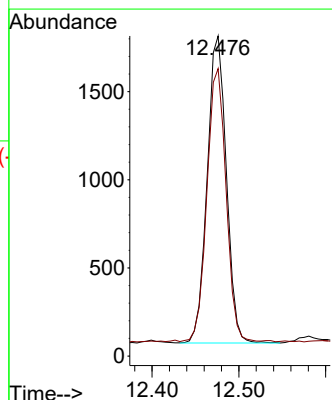
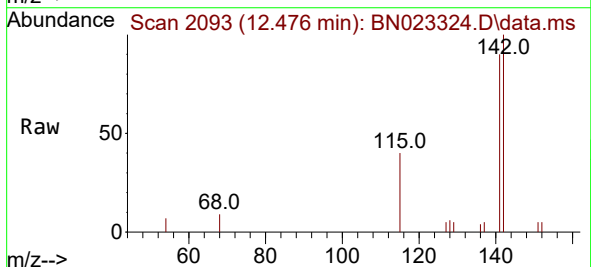
Acq: 21 Dec 2022 21:41

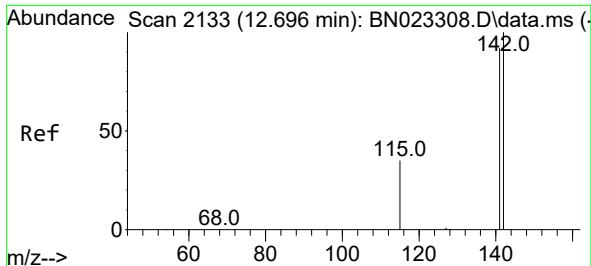
Tgt Ion:142 Resp: 2668

Ion Ratio Lower Upper

142 100

141 88.5 71.4 107.2

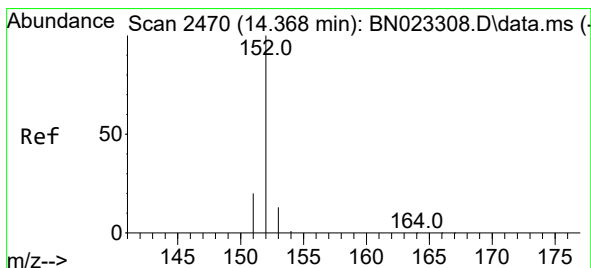
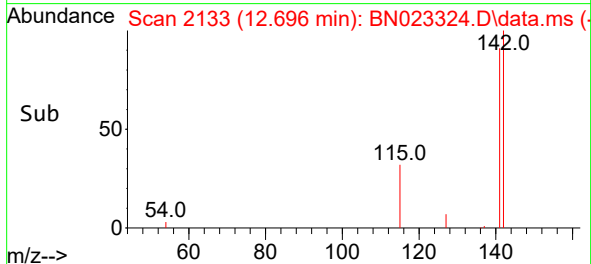
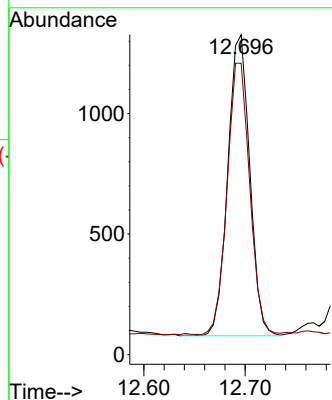
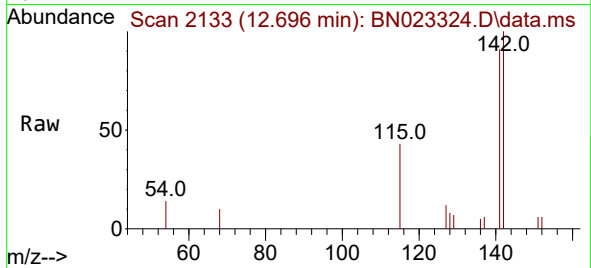




#8
1-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.696 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN023324.D
Acq: 21 Dec 2022 21:41

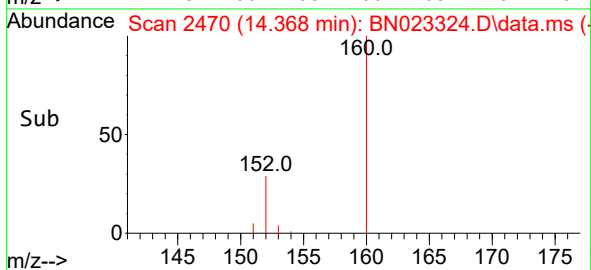
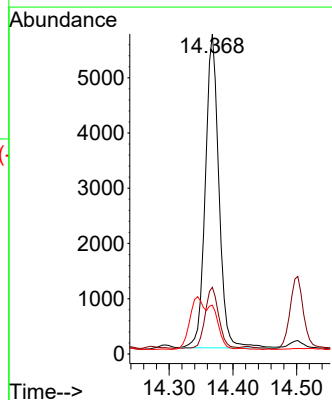
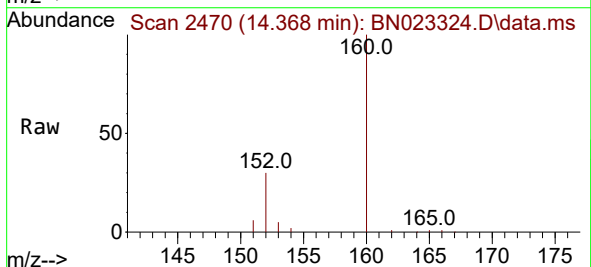
Instrument :
BNA_N
ClientSampleId :

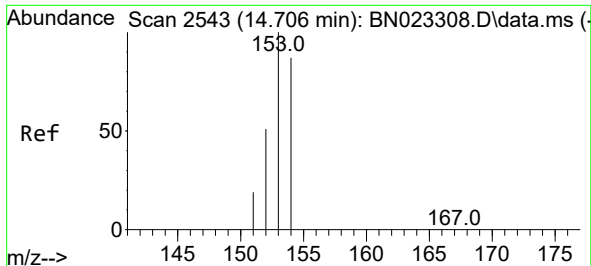
Tgt Ion:142 Resp: 1886
Ion Ratio Lower Upper
142 100
141 93.6 74.0 111.0



#10
Acenaphthylene
Concen: 0.124 ng/ul
RT: 14.368 min Scan# 2470
Delta R.T. -0.001 min
Lab File: BN023324.D
Acq: 21 Dec 2022 21:41

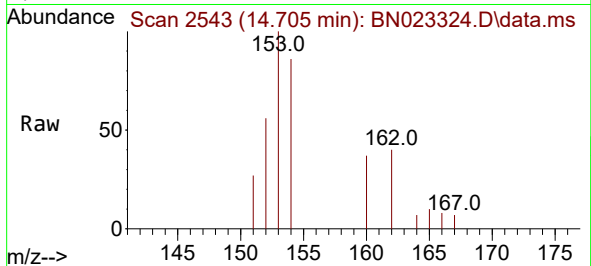
Tgt Ion:152 Resp: 8414
Ion Ratio Lower Upper
152 100
151 20.8 16.1 24.1
153 15.2 10.9 16.3



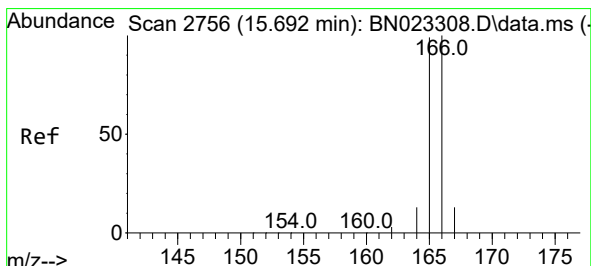
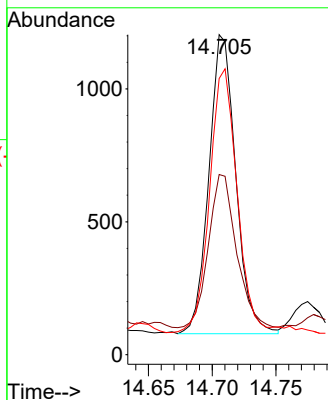
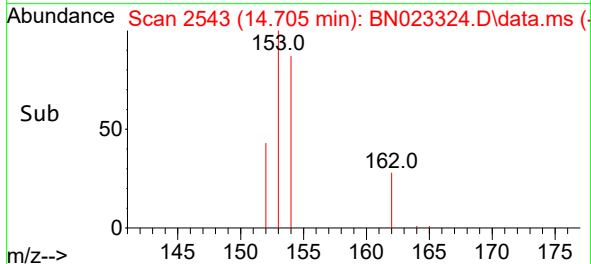


#11
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.705 min Scan# 2133
Delta R.T. -0.001 min
Lab File: BN023324.D
Acq: 21 Dec 2022 21:41

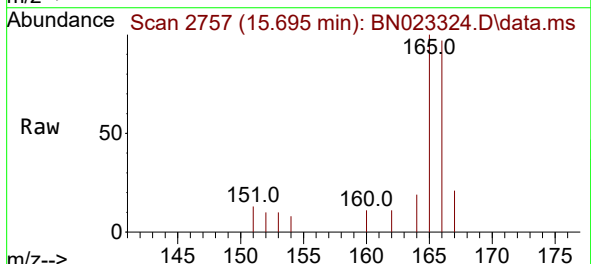
Instrument :
BNA_N
ClientSampleId :



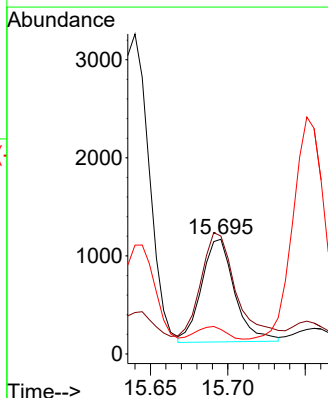
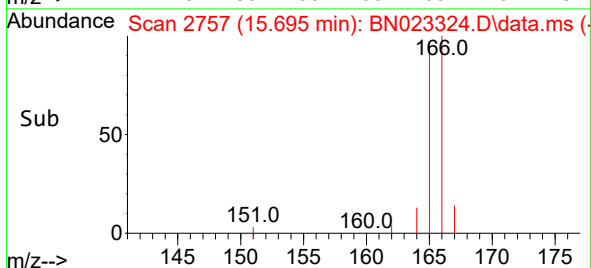
Tgt Ion:153 Resp: 1649
Ion Ratio Lower Upper
153 100
152 56.3 41.0 61.4
154 86.3 69.5 104.3

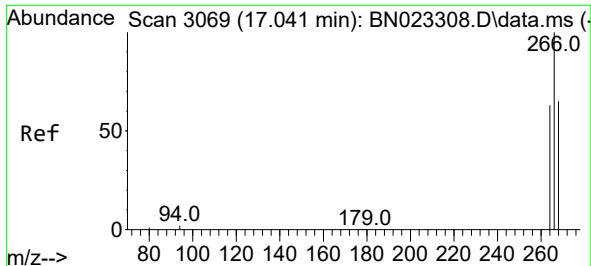


#12
Fluorene
Concen: 0.024 ng/ul
RT: 15.695 min Scan# 2757
Delta R.T. 0.004 min
Lab File: BN023324.D
Acq: 21 Dec 2022 21:41



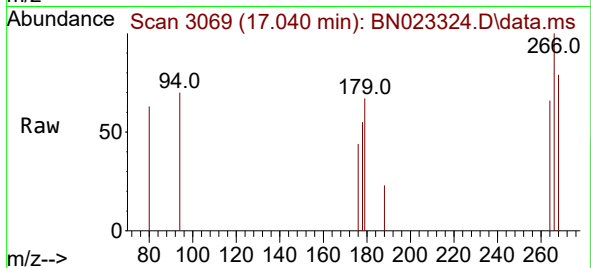
Tgt Ion:166 Resp: 1562
Ion Ratio Lower Upper
166 100
165 102.9 79.1 118.7
167 21.4 11.0 16.4#



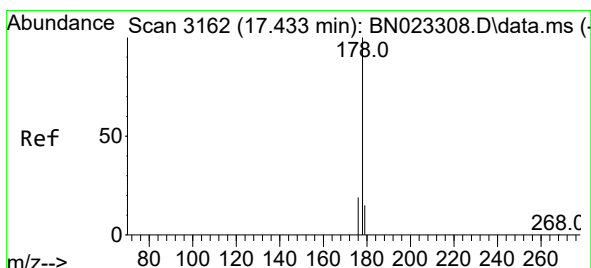
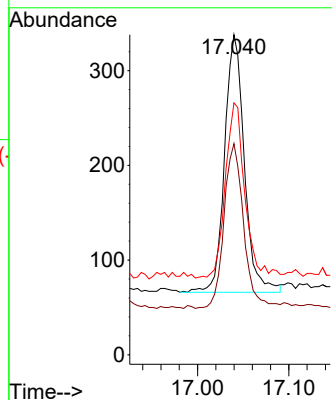
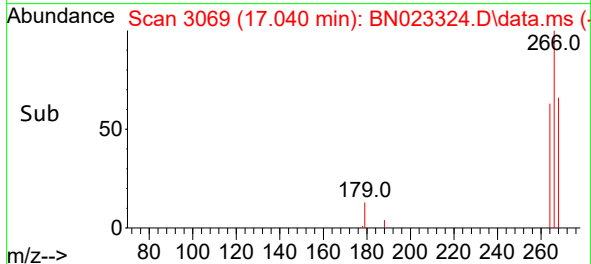


#14
 Pentachlorophenol
 Concen: 0.041 ng/ul
 RT: 17.040 min Scan# 3069
 Delta R.T. -0.001 min
 Lab File: BN023324.D
 Acq: 21 Dec 2022 21:41

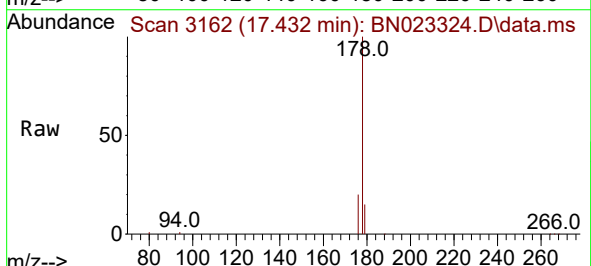
Instrument :
 BNA_N
 ClientSampleId :



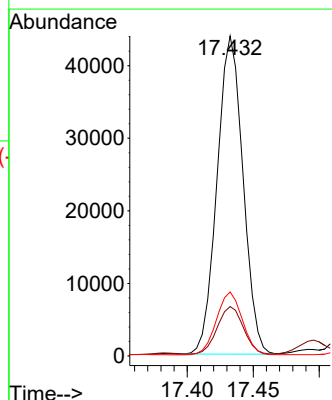
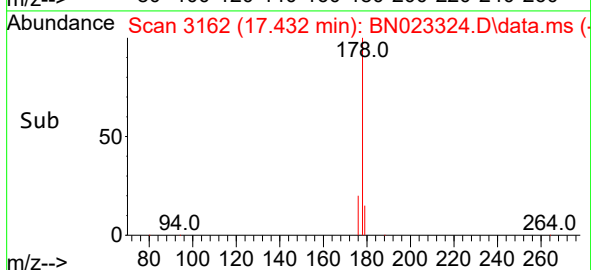
Tgt Ion:266 Resp: 409
 Ion Ratio Lower Upper
 266 100
 264 65.0 49.8 74.6
 268 66.3 51.4 77.0

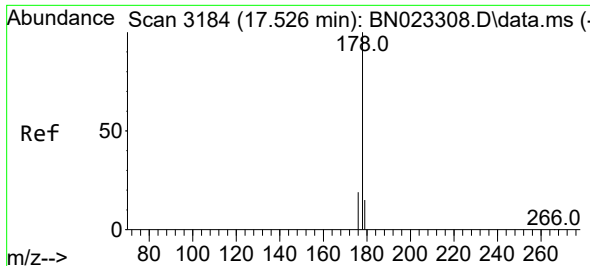


#15
 Phenanthrene
 Concen: 0.510 ng/ul
 RT: 17.432 min Scan# 3162
 Delta R.T. -0.001 min
 Lab File: BN023324.D
 Acq: 21 Dec 2022 21:41



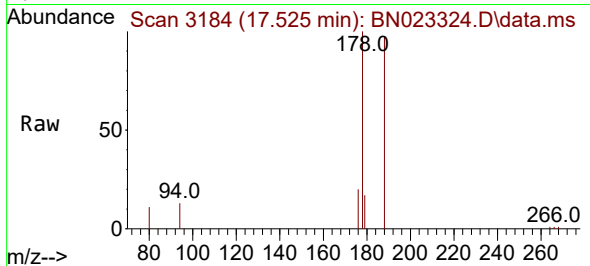
Tgt Ion:178 Resp: 59963
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.5 18.7
 176 20.0 15.7 23.5



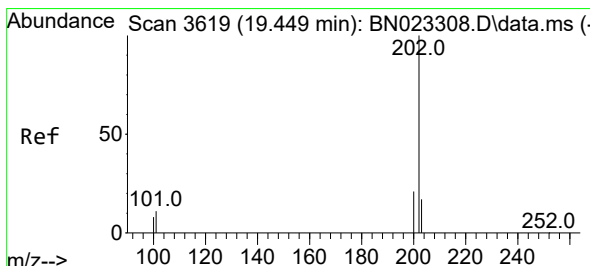
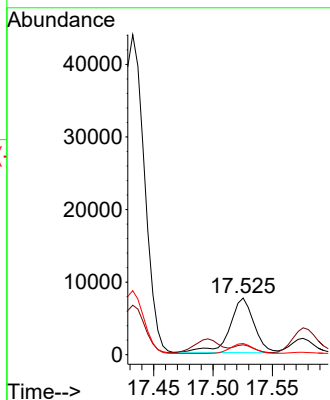
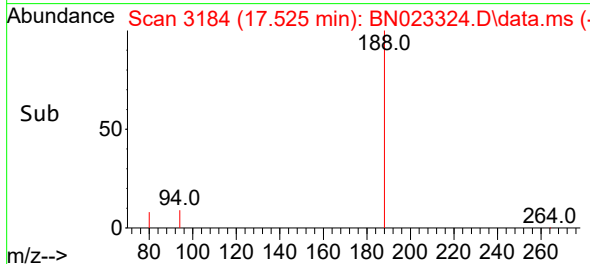


#16
 Anthracene
 Concen: 0.109 ng/ul
 RT: 17.525 min Scan# 3184
 Delta R.T. -0.001 min
 Lab File: BN023324.D
 Acq: 21 Dec 2022 21:41

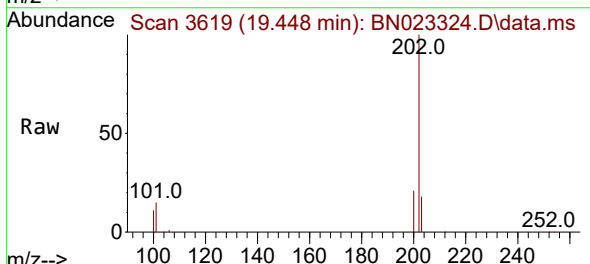
Instrument :
 BNA_N
 ClientSampleId :



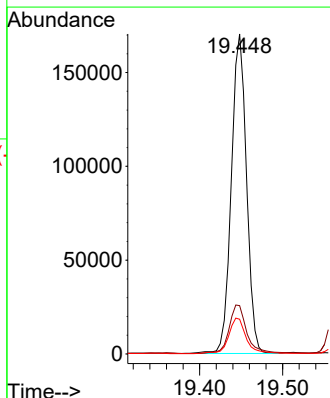
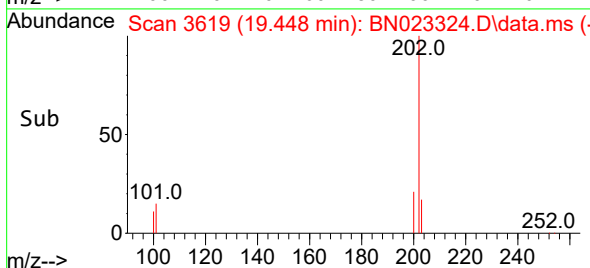
Tgt Ion:178 Resp: 10644
 Ion Ratio Lower Upper
 178 100
 179 17.4 12.6 18.8
 176 19.8 15.4 23.0

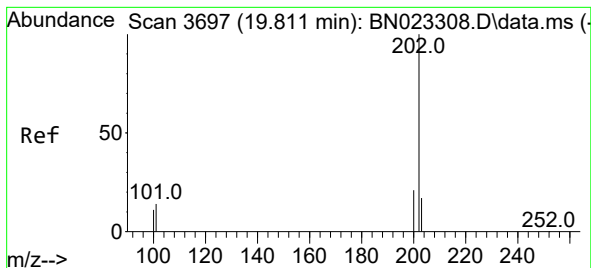


#19
 Fluoranthene
 Concen: 1.494 ng/ul
 RT: 19.448 min Scan# 3619
 Delta R.T. -0.001 min
 Lab File: BN023324.D
 Acq: 21 Dec 2022 21:41



Tgt Ion:202 Resp: 217449
 Ion Ratio Lower Upper
 202 100
 101 15.1 9.4 14.2#
 100 10.9 7.0 10.6#





#20

Pyrene

Concen: 1.125 ng/ul

RT: 19.811 min Scan# 3697

Delta R.T. -0.001 min

Lab File: BN023324.D

Acq: 21 Dec 2022 21:41

Instrument :

BNA_N

ClientSampleId :

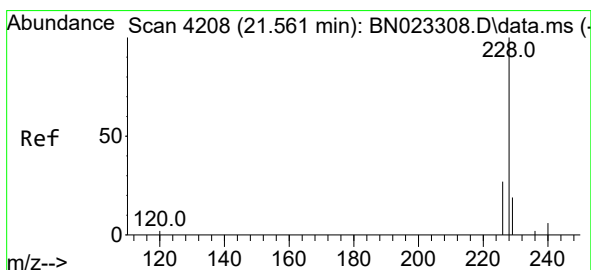
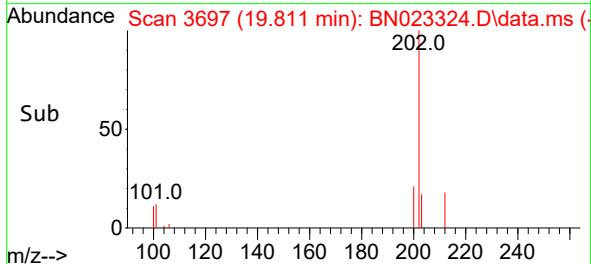
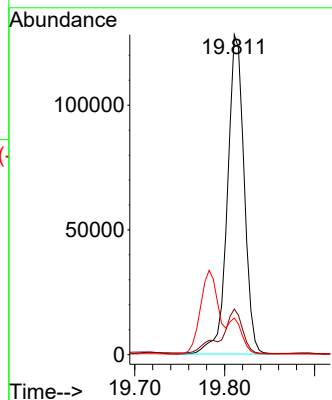
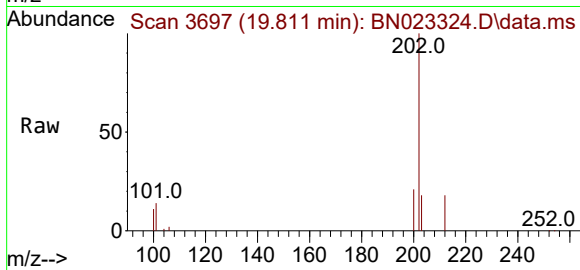
Tgt Ion:202 Resp: 165050

Ion Ratio Lower Upper

202 100

101 14.2 11.3 16.9

100 11.5 9.0 13.4



#21

Benzo(a)anthracene

Concen: 0.732 ng/ul

RT: 21.558 min Scan# 4207

Delta R.T. -0.004 min

Lab File: BN023324.D

Acq: 21 Dec 2022 21:41

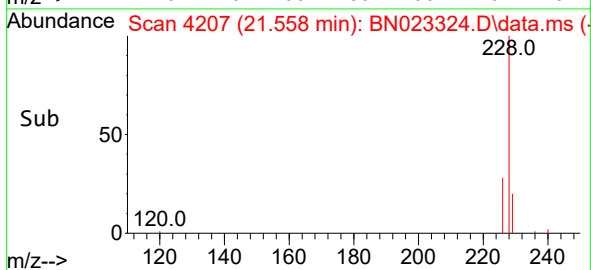
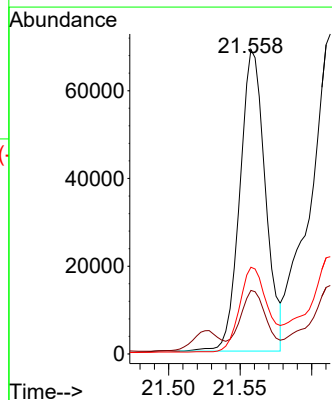
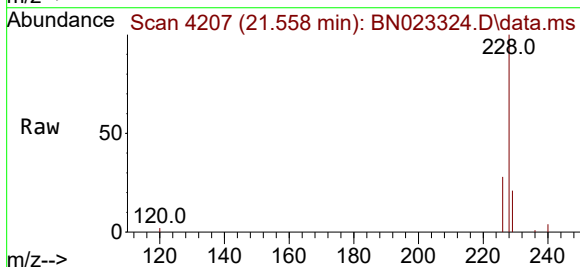
Tgt Ion:228 Resp: 85544

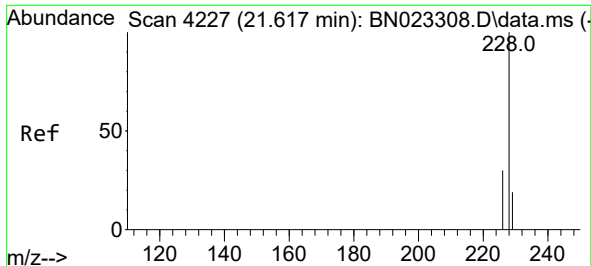
Ion Ratio Lower Upper

228 100

229 20.9 15.6 23.4

226 28.5 22.2 33.2





#22

Chrysene

Concen: 0.990 ng/ul

RT: 21.613 min Scan# 41

Delta R.T. -0.004 min

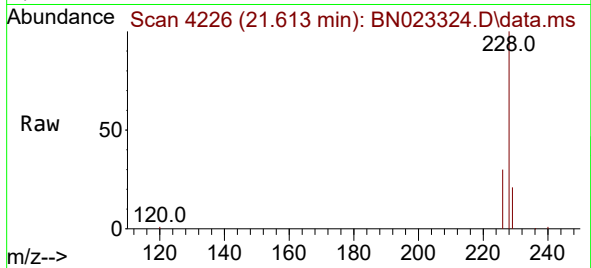
Lab File: BN023324.D

Acq: 21 Dec 2022 21:41

Instrument :

BNA_N

ClientSampleId :



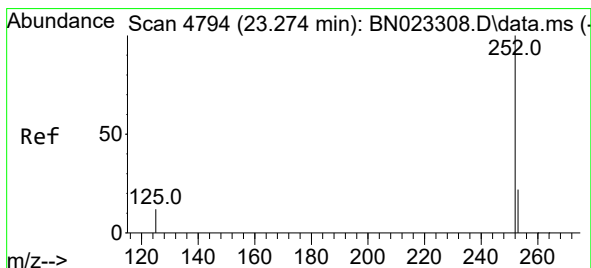
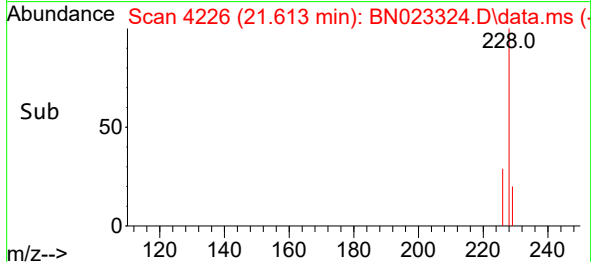
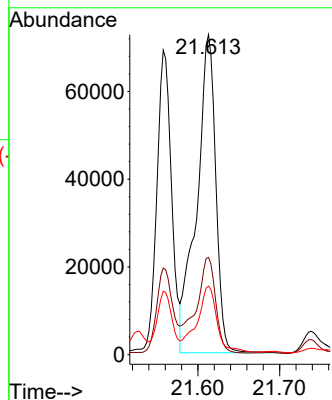
Tgt Ion:228 Resp: 117634

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 21.4 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 1.723 ng/ul

RT: 23.273 min Scan# 4794

Delta R.T. -0.001 min

Lab File: BN023324.D

Acq: 21 Dec 2022 21:41

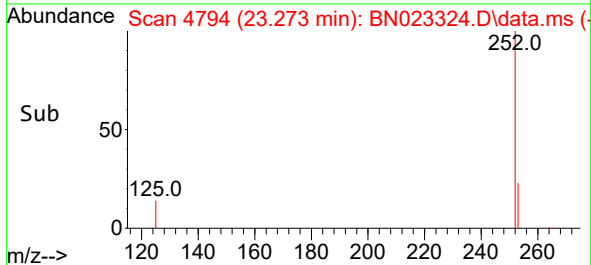
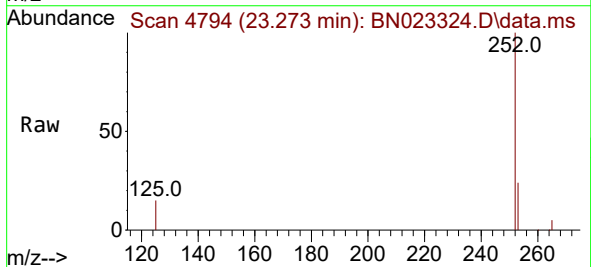
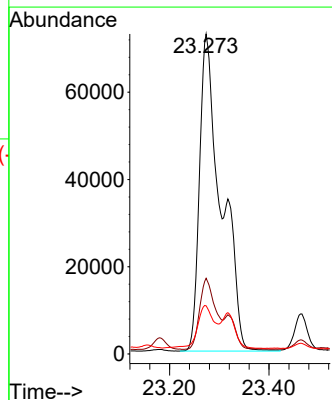
Tgt Ion:252 Resp: 219809

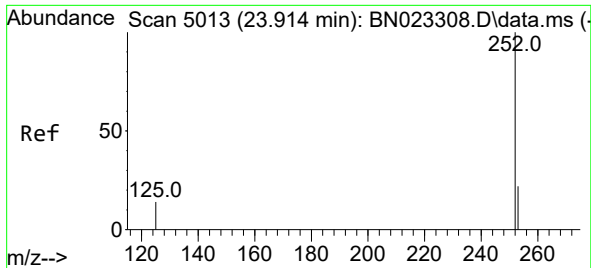
Ion Ratio Lower Upper

252 100

253 23.7 0.0 49.2

125 15.1 0.0 31.8

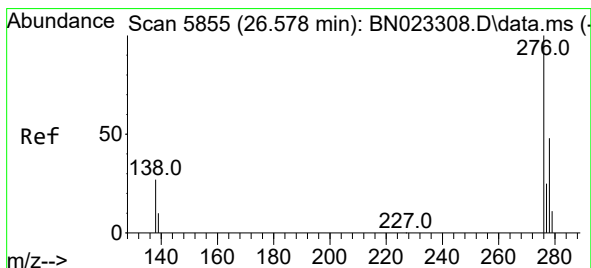
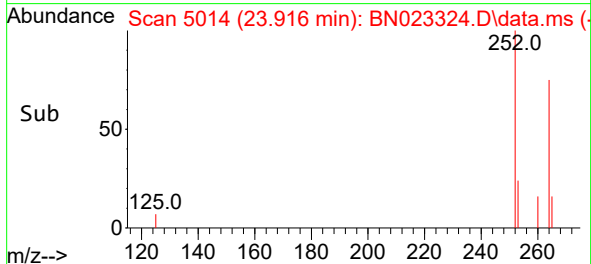
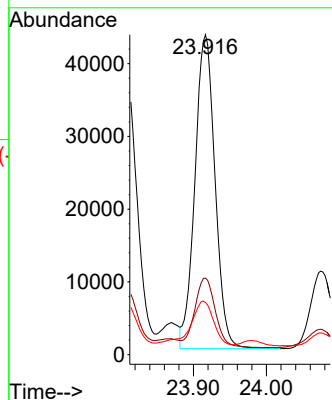
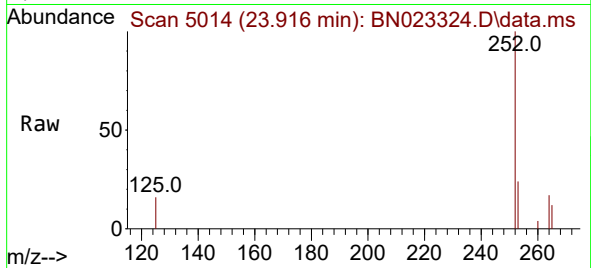




#26
Benzo(a)pyrene
Concen: 0.817 ng/ul
RT: 23.916 min Scan# 5013
Delta R.T. 0.002 min
Lab File: BN023324.D
Acq: 21 Dec 2022 21:41

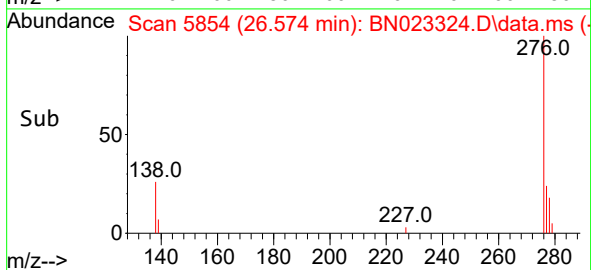
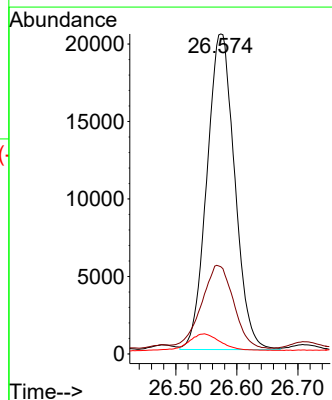
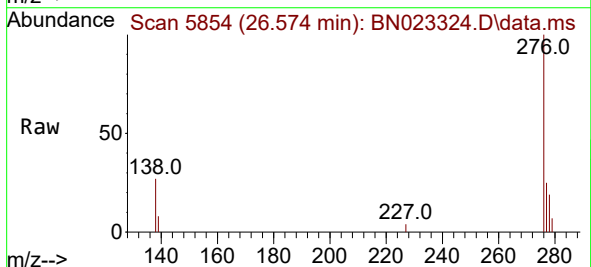
Instrument :
BNA_N
ClientSampleId :

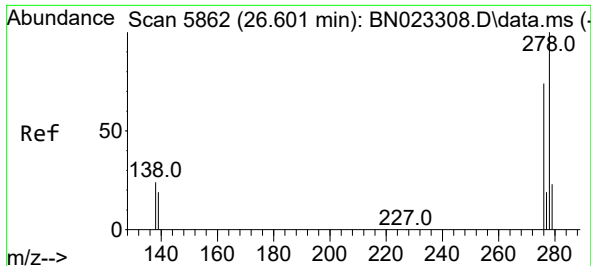
Tgt Ion:252 Resp: 82483
Ion Ratio Lower Upper
252 100
253 24.0 21.4 32.2
125 16.3 16.2 24.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.547 ng/ul
RT: 26.574 min Scan# 5854
Delta R.T. -0.004 min
Lab File: BN023324.D
Acq: 21 Dec 2022 21:41

Tgt Ion:276 Resp: 64450
Ion Ratio Lower Upper
276 100
138 30.3 23.4 35.2
227 0.0 0.0 0.0

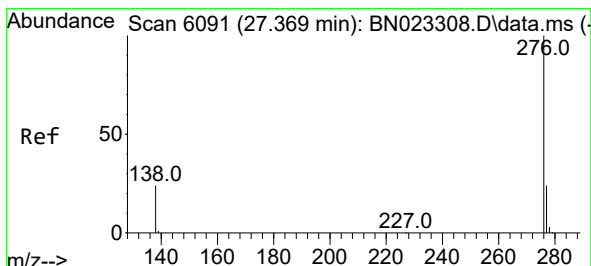
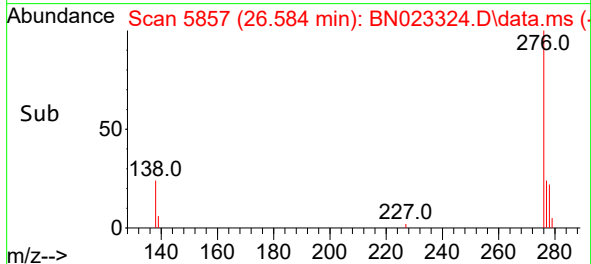
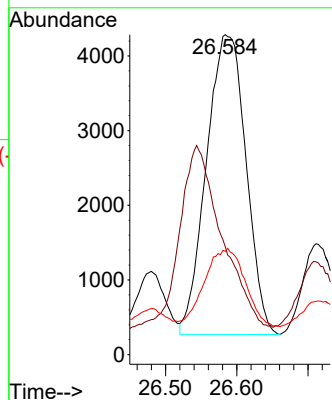
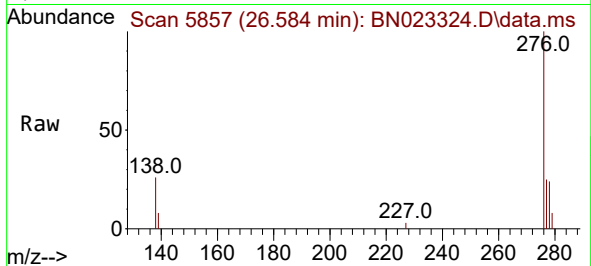




#28
Dibenzo(a,h)anthracene
Concen: 0.170 ng/ul
RT: 26.584 min Scan# 5857
Delta R.T. -0.017 min
Lab File: BN023324.D
Acq: 21 Dec 2022 21:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 15504
Ion Ratio Lower Upper
278 100
139 33.7 16.6 24.8#
279 32.3 21.3 31.9#



#29
Benzo(g,h,i)perylene
Concen: 0.564 ng/ul
RT: 27.365 min Scan# 6090
Delta R.T. -0.004 min
Lab File: BN023324.D
Acq: 21 Dec 2022 21:41

Tgt Ion:276 Resp: 54146
Ion Ratio Lower Upper
276 100
138 37.9 20.3 30.5#
277 24.6 19.7 29.5

