

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122122\
 Data File : BN023319.D
 Acq On : 21 Dec 2022 18:38
 Operator : CG/JU
 Sample : N6006-13DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 22 03:21:17 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)

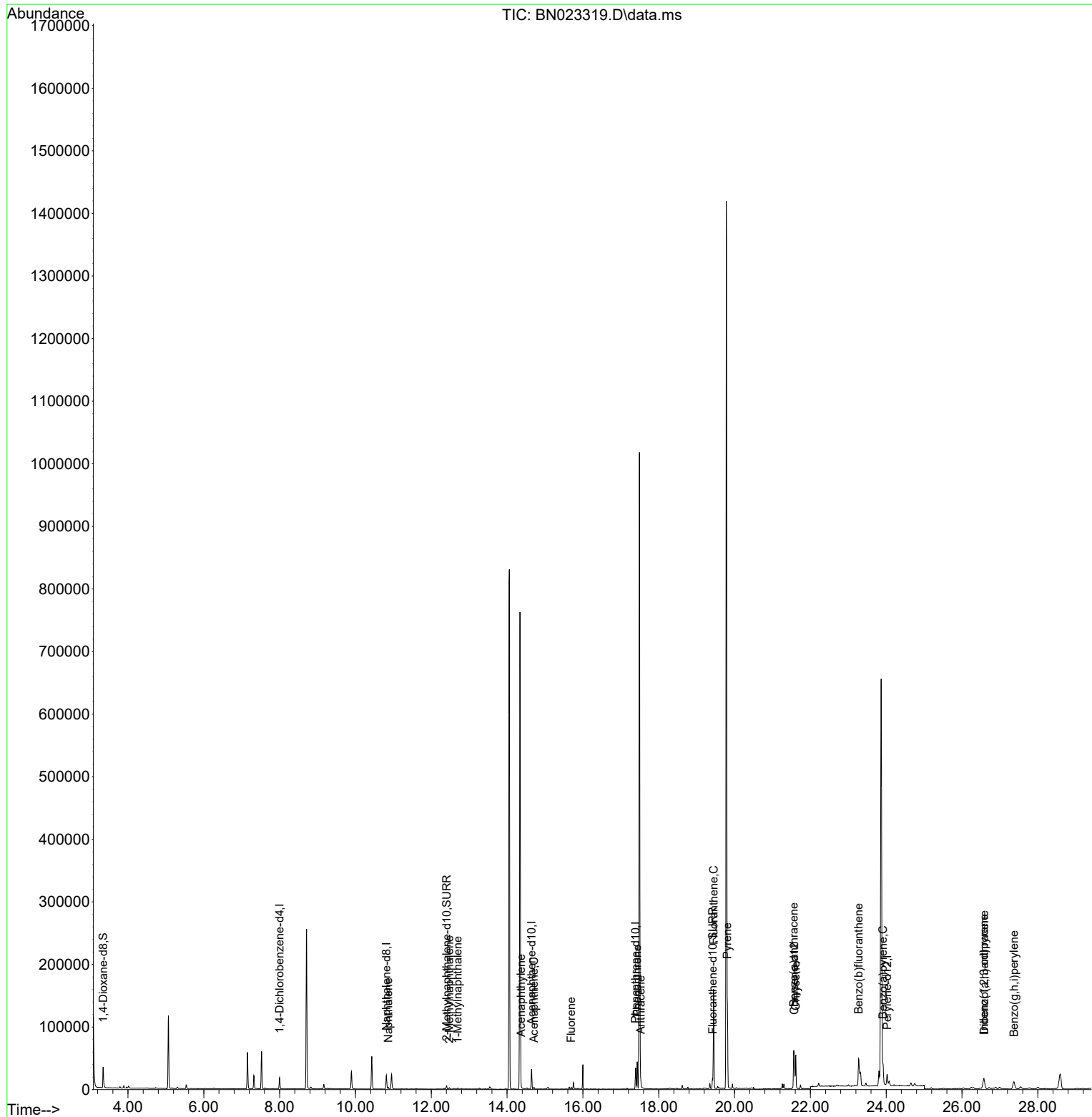
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	8519	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	28058	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	16434	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	38425	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	30937	0.400	ng/ul	0.00
23) Perylene-d12	24.026	264	24805	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	21738	2.348	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.404	152	6536	0.151	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	15907	0.142	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.865	128	3787	0.046	ng/ul	96
7) 2-Methylnaphthalene	12.476	142	1435	0.027	ng/ul	99
8) 1-Methylnaphthalene	12.696	142	1131	0.021	ng/ul	98
10) Acenaphthylene	14.368	152	2176	0.030	ng/ul#	88
11) Acenaphthene	14.705	153	1582	0.026	ng/ul	99
12) Fluorene	15.691	166	1762	0.026	ng/ul#	95
15) Phenanthrene	17.432	178	44569	0.356	ng/ul	100
16) Anthracene	17.525	178	8406	0.081	ng/ul	96
19) Fluoranthene	19.448	202	124370	0.829	ng/ul	99
20) Pyrene	19.810	202	98391	0.650	ng/ul	100
21) Benzo(a)anthracene	21.559	228	48873	0.406	ng/ul	98
22) Chrysene	21.615	228	54205	0.443	ng/ul	97
24) Benzo(b)fluoranthene	23.275	252	94794	0.739	ng/ul	92
26) Benzo(a)pyrene	23.915	252	38882	0.383	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.579	276	27919	0.235	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.582	278	6898	0.075	ng/ul#	72
29) Benzo(g,h,i)perylene	27.370	276	24371	0.252	ng/ul#	85

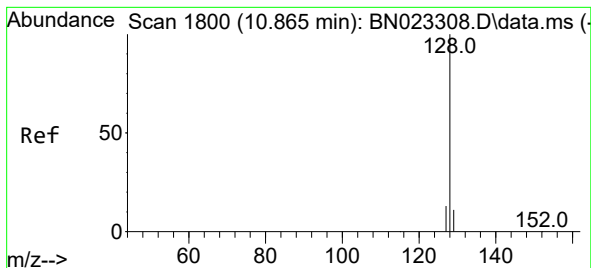
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122122\
Data File : BN023319.D
Acq On : 21 Dec 2022 18:38
Operator : CG/JU
Sample : N6006-13DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 22 03:21:17 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: 0.046 ng/ul

RT: 10.865 min Scan# 1800

Delta R.T. -0.000 min

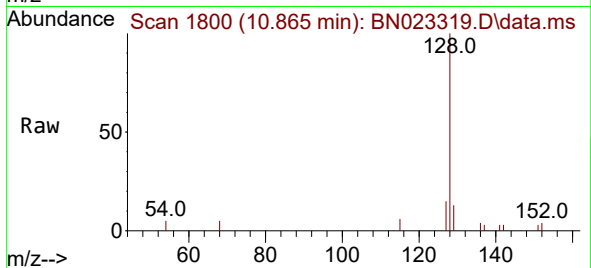
Lab File: BN023319.D

Acq: 21 Dec 2022 18:38

Instrument :

BNA_N

ClientSampleId :



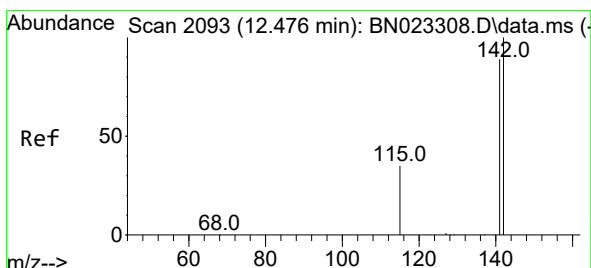
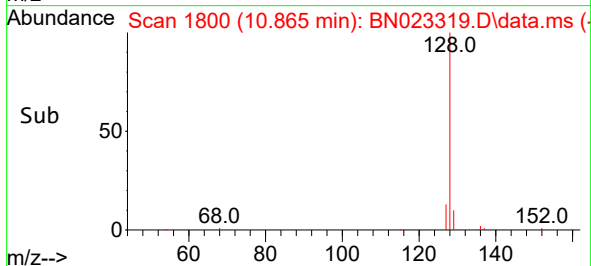
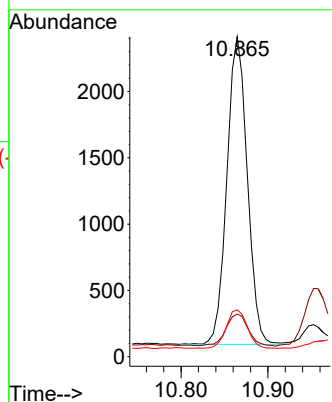
Tgt Ion:128 Resp: 3787

Ion Ratio Lower Upper

128 100

129 13.3 9.0 13.4

127 14.7 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.027 ng/ul

RT: 12.476 min Scan# 2093

Delta R.T. -0.000 min

Lab File: BN023319.D

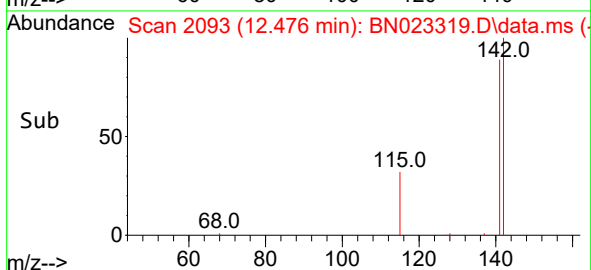
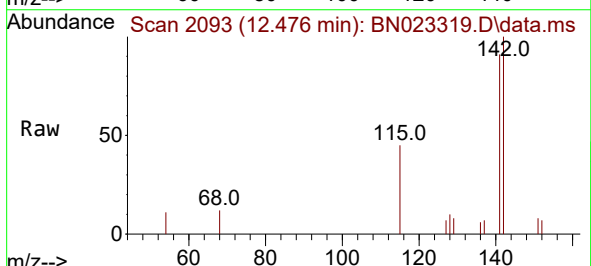
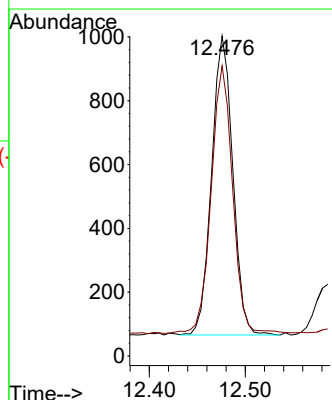
Acq: 21 Dec 2022 18:38

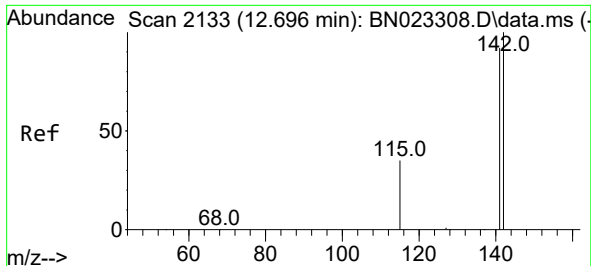
Tgt Ion:142 Resp: 1435

Ion Ratio Lower Upper

142 100

141 90.4 71.4 107.2

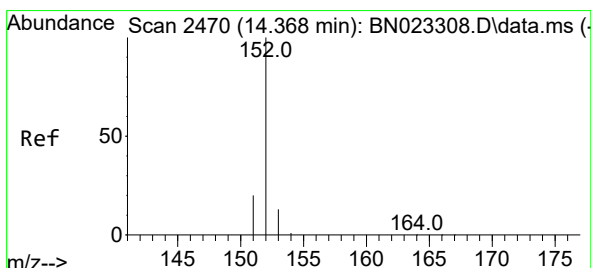
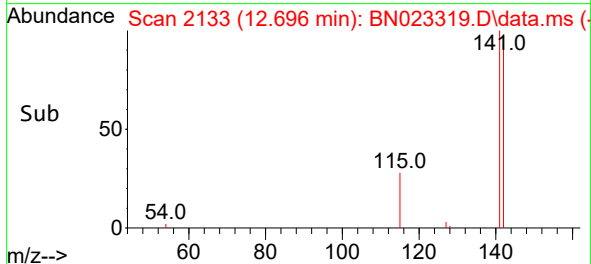
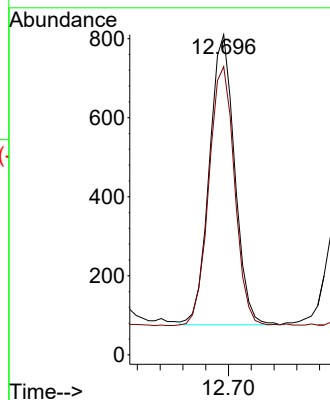
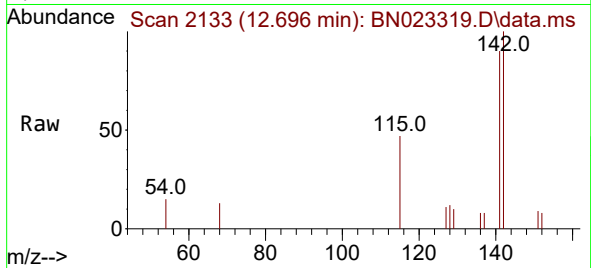




#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.696 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BN023319.D
Acq: 21 Dec 2022 18:38

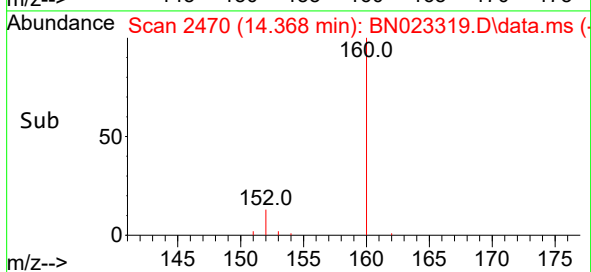
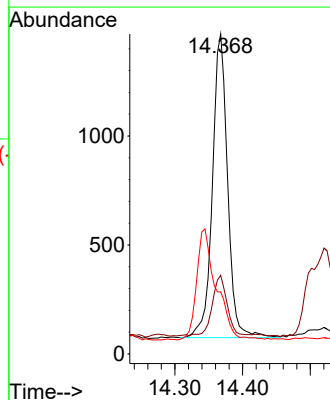
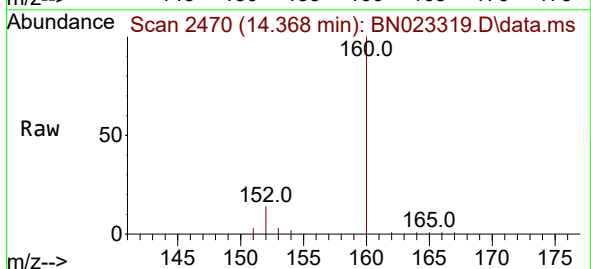
Instrument :
BNA_N
ClientSampleId :

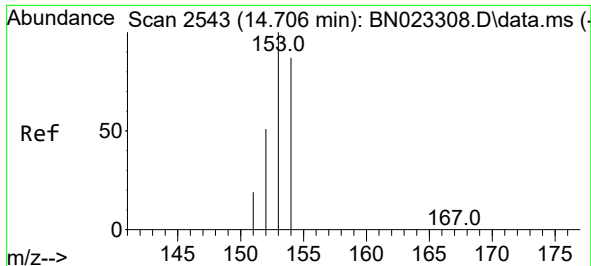
Tgt Ion:142 Resp: 1131
Ion Ratio Lower Upper
142 100
141 90.7 74.0 111.0



#10
Acenaphthylene
Concen: 0.030 ng/ul
RT: 14.368 min Scan# 2470
Delta R.T. -0.001 min
Lab File: BN023319.D
Acq: 21 Dec 2022 18:38

Tgt Ion:152 Resp: 2176
Ion Ratio Lower Upper
152 100
151 24.6 16.1 24.1#
153 19.4 10.9 16.3#

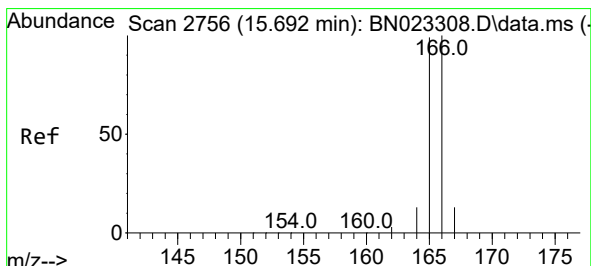
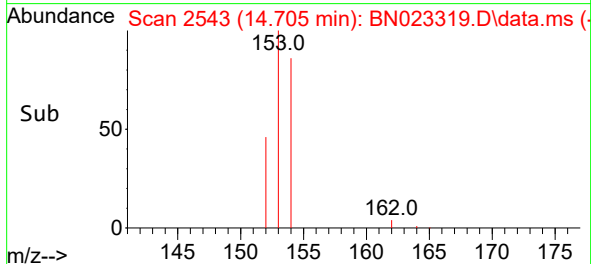
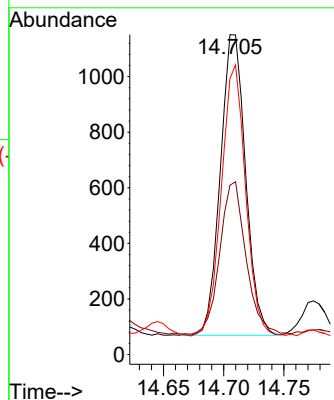
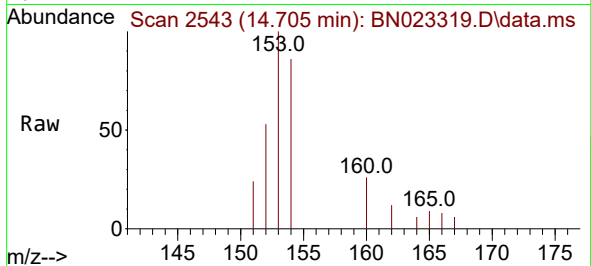




#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.705 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN023319.D
Acq: 21 Dec 2022 18:38

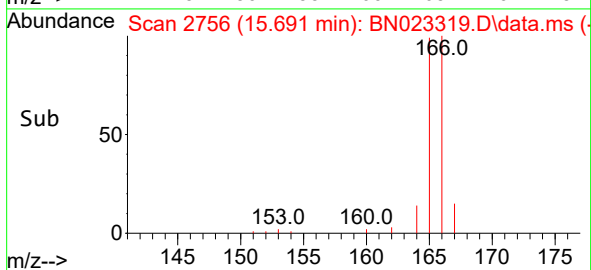
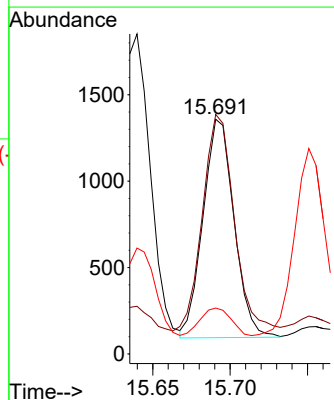
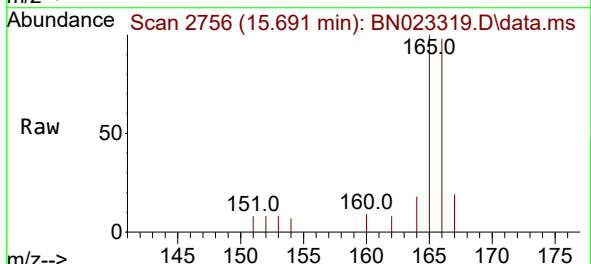
Instrument :
BNA_N
ClientSampleId :

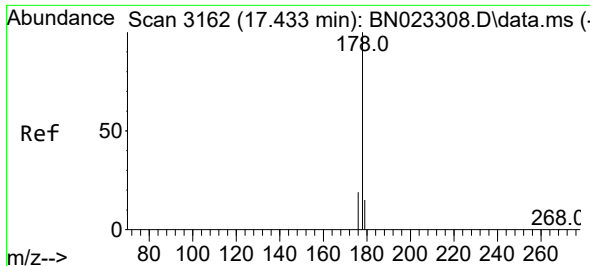
Tgt Ion:153 Resp: 1582
Ion Ratio Lower Upper
153 100
152 52.9 41.0 61.4
154 86.3 69.5 104.3



#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.691 min Scan# 2756
Delta R.T. -0.001 min
Lab File: BN023319.D
Acq: 21 Dec 2022 18:38

Tgt Ion:166 Resp: 1762
Ion Ratio Lower Upper
166 100
165 102.1 79.1 118.7
167 19.5 11.0 16.4#

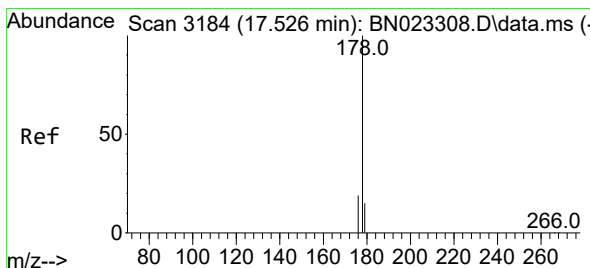
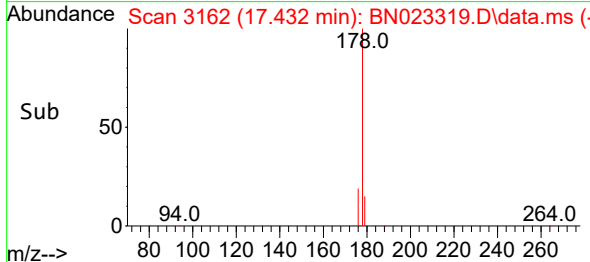
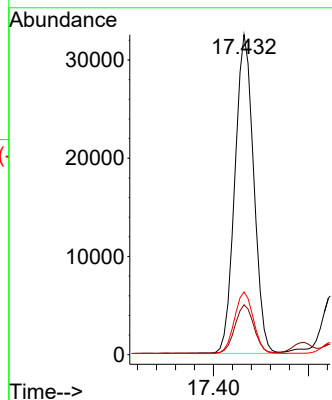
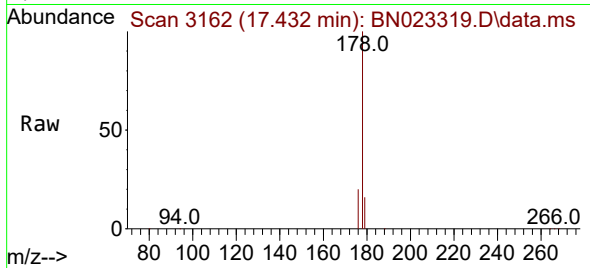




#15
Phenanthrene
Concen: 0.356 ng/ul
RT: 17.432 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BN023319.D
Acq: 21 Dec 2022 18:38

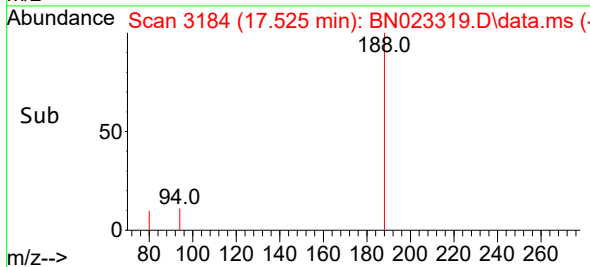
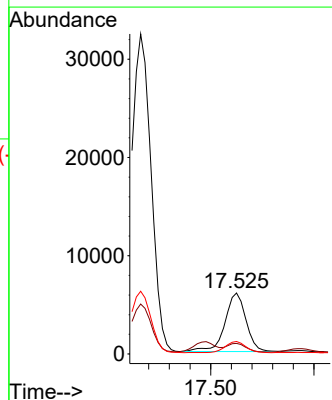
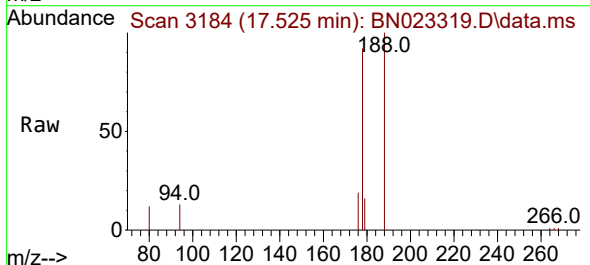
Instrument :
BNA_N
ClientSampleId :

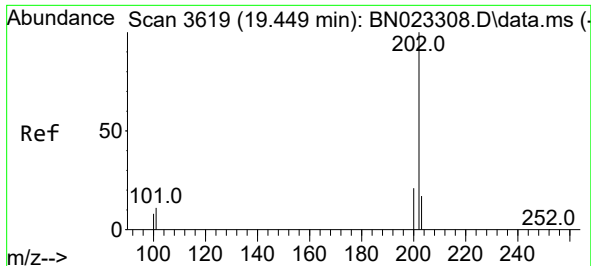
Tgt Ion:178 Resp: 44569
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.6 15.7 23.5



#16
Anthracene
Concen: 0.081 ng/ul
RT: 17.525 min Scan# 3184
Delta R.T. -0.001 min
Lab File: BN023319.D
Acq: 21 Dec 2022 18:38

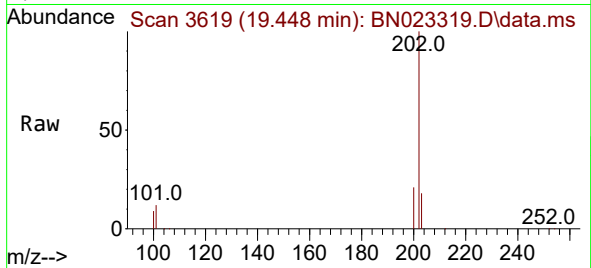
Tgt Ion:178 Resp: 8406
Ion Ratio Lower Upper
178 100
179 17.4 12.6 18.8
176 20.6 15.4 23.0



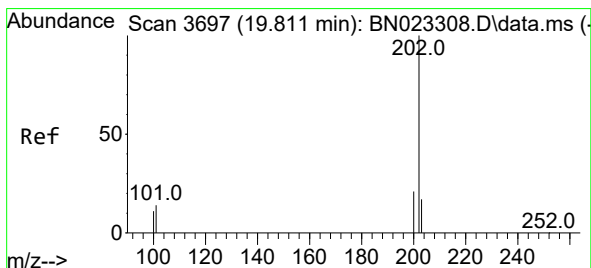
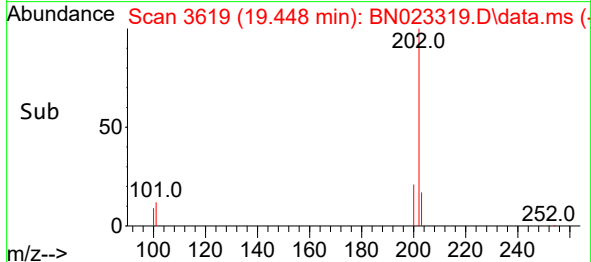
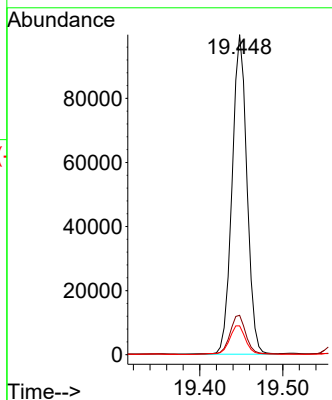


#19
Fluoranthene
Concen: 0.829 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023319.D
Acq: 21 Dec 2022 18:38

Instrument :
BNA_N
ClientSampleId :

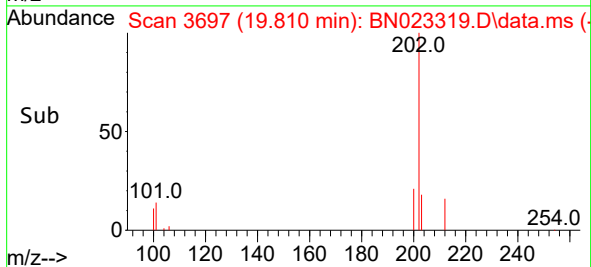
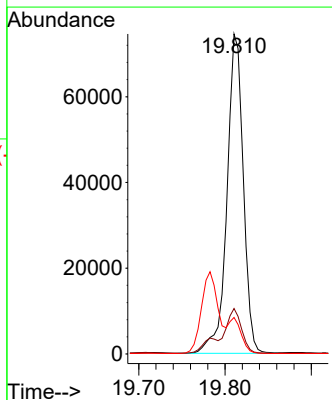
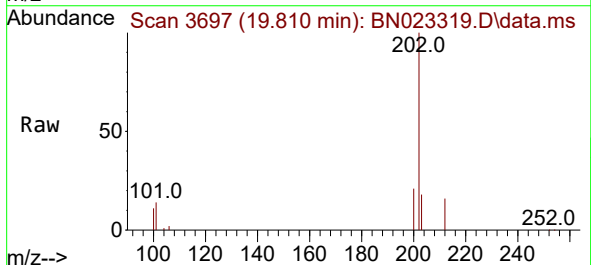


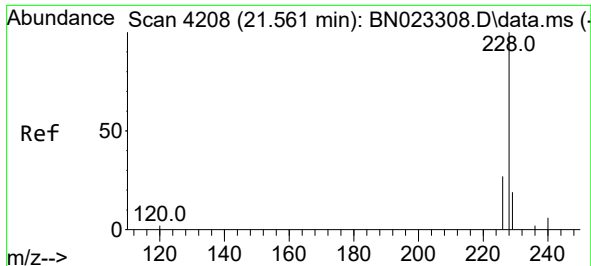
Tgt Ion:202 Resp: 124370
Ion Ratio Lower Upper
202 100
101 12.3 9.4 14.2
100 9.0 7.0 10.6



#20
Pyrene
Concen: 0.650 ng/ul
RT: 19.810 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023319.D
Acq: 21 Dec 2022 18:38

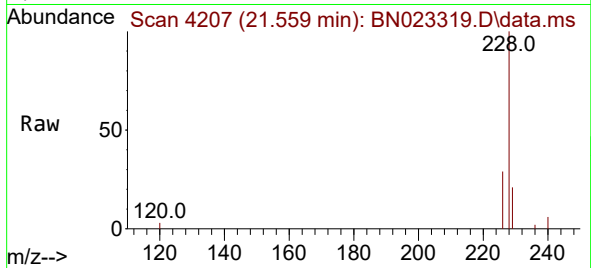
Tgt Ion:202 Resp: 98391
Ion Ratio Lower Upper
202 100
101 14.2 11.3 16.9
100 11.4 9.0 13.4



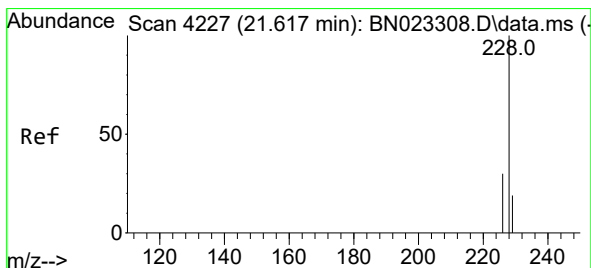
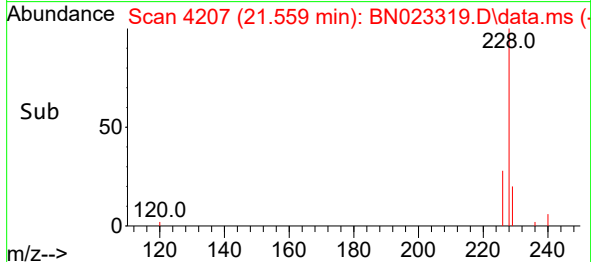
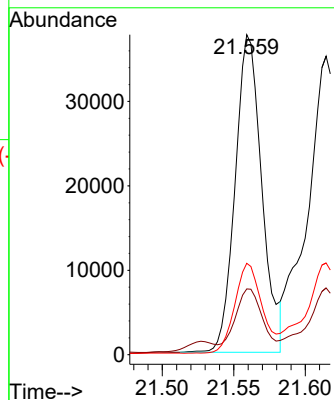


#21
Benzo(a)anthracene
Concen: 0.406 ng/ul
RT: 21.559 min Scan# 41
Delta R.T. -0.002 min
Lab File: BN023319.D
Acq: 21 Dec 2022 18:38

Instrument :
BNA_N
ClientSampleId :

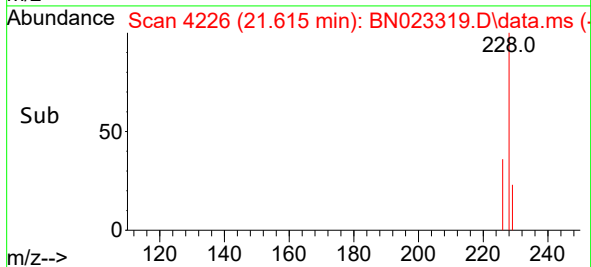
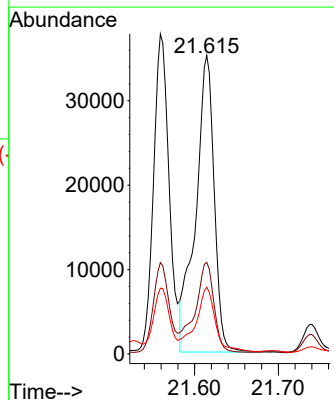
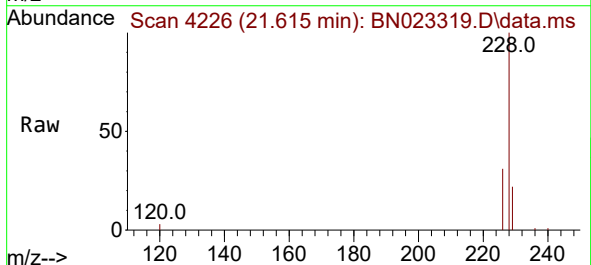


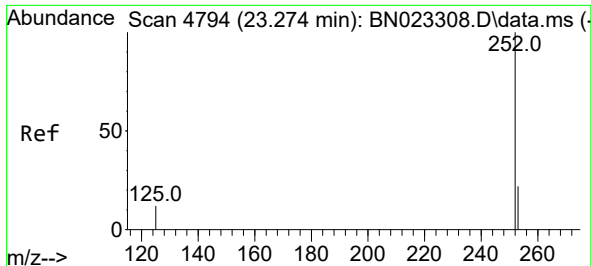
Tgt Ion:228 Resp: 48873
Ion Ratio Lower Upper
228 100
229 20.5 15.6 23.4
226 28.6 22.2 33.2



#22
Chrysene
Concen: 0.443 ng/ul
RT: 21.615 min Scan# 4226
Delta R.T. -0.002 min
Lab File: BN023319.D
Acq: 21 Dec 2022 18:38

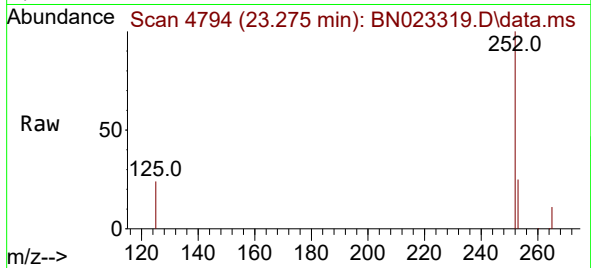
Tgt Ion:228 Resp: 54205
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 22.4 15.8 23.6



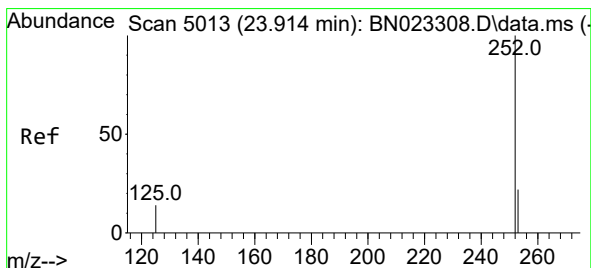
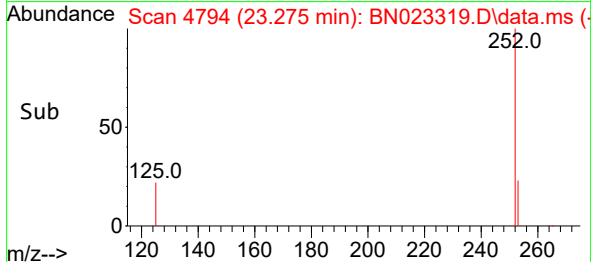
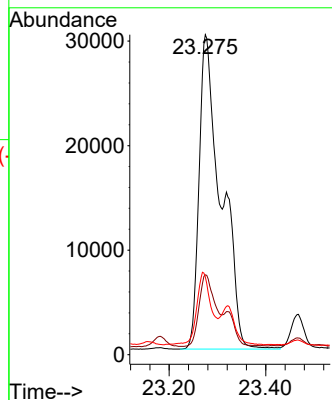


#24
Benzo(b)fluoranthene
Concen: 0.739 ng/ul
RT: 23.275 min Scan# 4794
Delta R.T. 0.001 min
Lab File: BN023319.D
Acq: 21 Dec 2022 18:38

Instrument :
BNA_N
ClientSampleId :

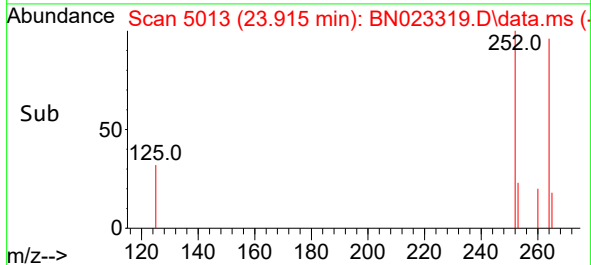
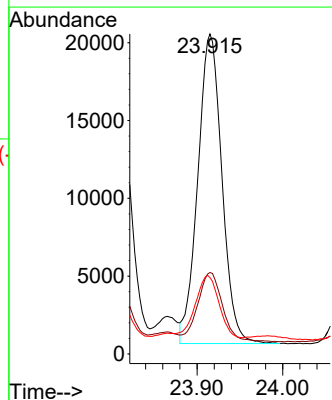
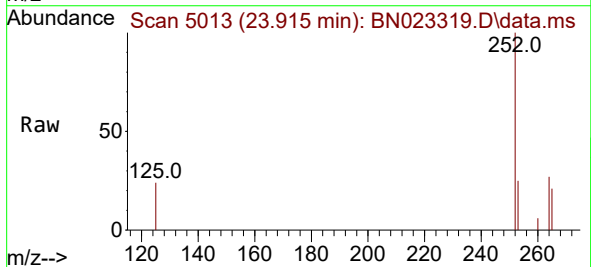


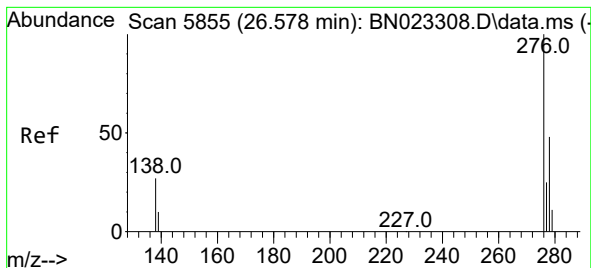
Tgt Ion:252 Resp: 94794
Ion Ratio Lower Upper
252 100
253 25.0 0.0 49.2
125 24.3 0.0 31.8



#26
Benzo(a)pyrene
Concen: 0.383 ng/ul
RT: 23.915 min Scan# 5013
Delta R.T. 0.001 min
Lab File: BN023319.D
Acq: 21 Dec 2022 18:38

Tgt Ion:252 Resp: 38882
Ion Ratio Lower Upper
252 100
253 25.5 21.4 32.2
125 23.8 16.2 24.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.235 ng/ul

RT: 26.579 min Scan# 5855

Delta R.T. 0.001 min

Lab File: BN023319.D

Acq: 21 Dec 2022 18:38

Instrument :

BNA_N

ClientSampleId :

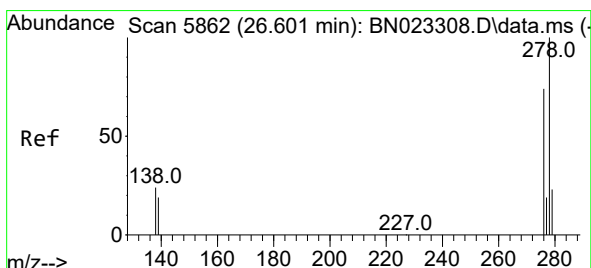
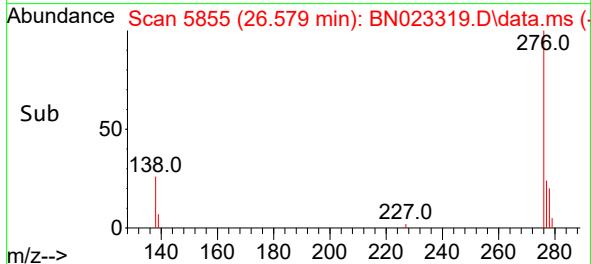
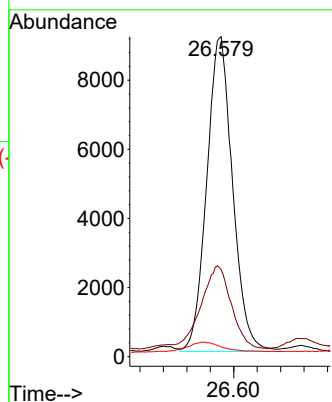
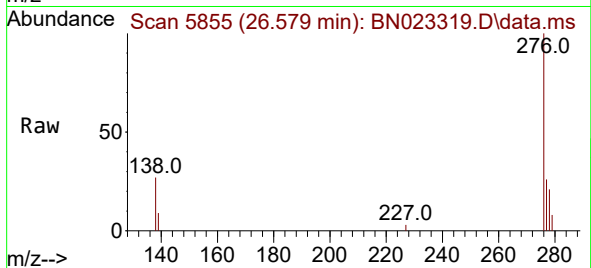
Tgt Ion:276 Resp: 27919

Ion Ratio Lower Upper

276 100

138 30.5 23.4 35.2

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.075 ng/ul

RT: 26.582 min Scan# 5856

Delta R.T. -0.019 min

Lab File: BN023319.D

Acq: 21 Dec 2022 18:38

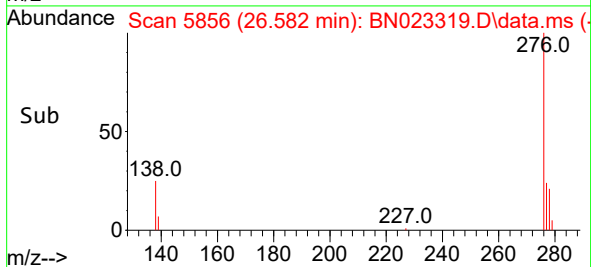
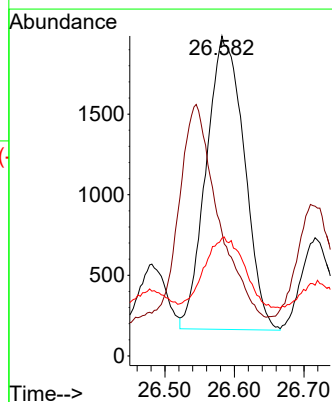
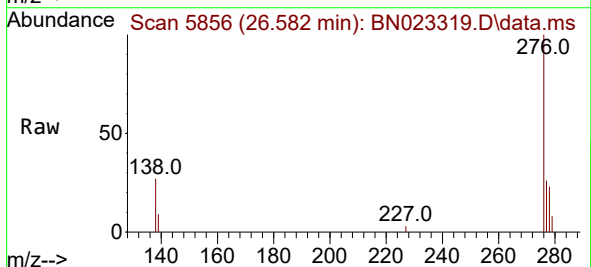
Tgt Ion:278 Resp: 6898

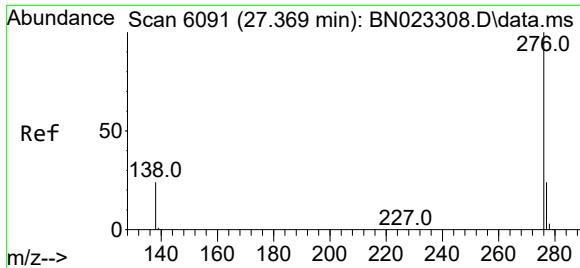
Ion Ratio Lower Upper

278 100

139 38.6 16.6 24.8#

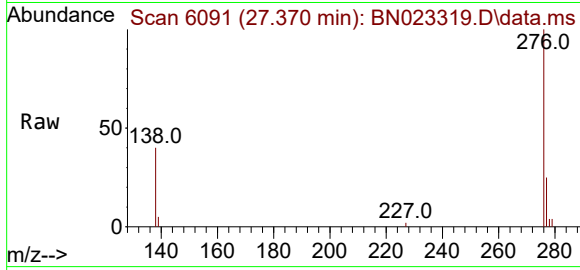
279 36.8 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.252 ng/ul
 RT: 27.370 min Scan# 6091
 Delta R.T. 0.001 min
 Lab File: BN023319.D
 Acq: 21 Dec 2022 18:38

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	276	Resp:	24371
Ion Ratio	Lower	Upper	
276	100		
138	39.9	20.3	30.5#
277	24.9	19.7	29.5

