

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
 Data File : BN023338.D
 Acq On : 22 Dec 2022 14:23
 Operator : CG/JU
 Sample : N6003-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 22 23:53:28 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)

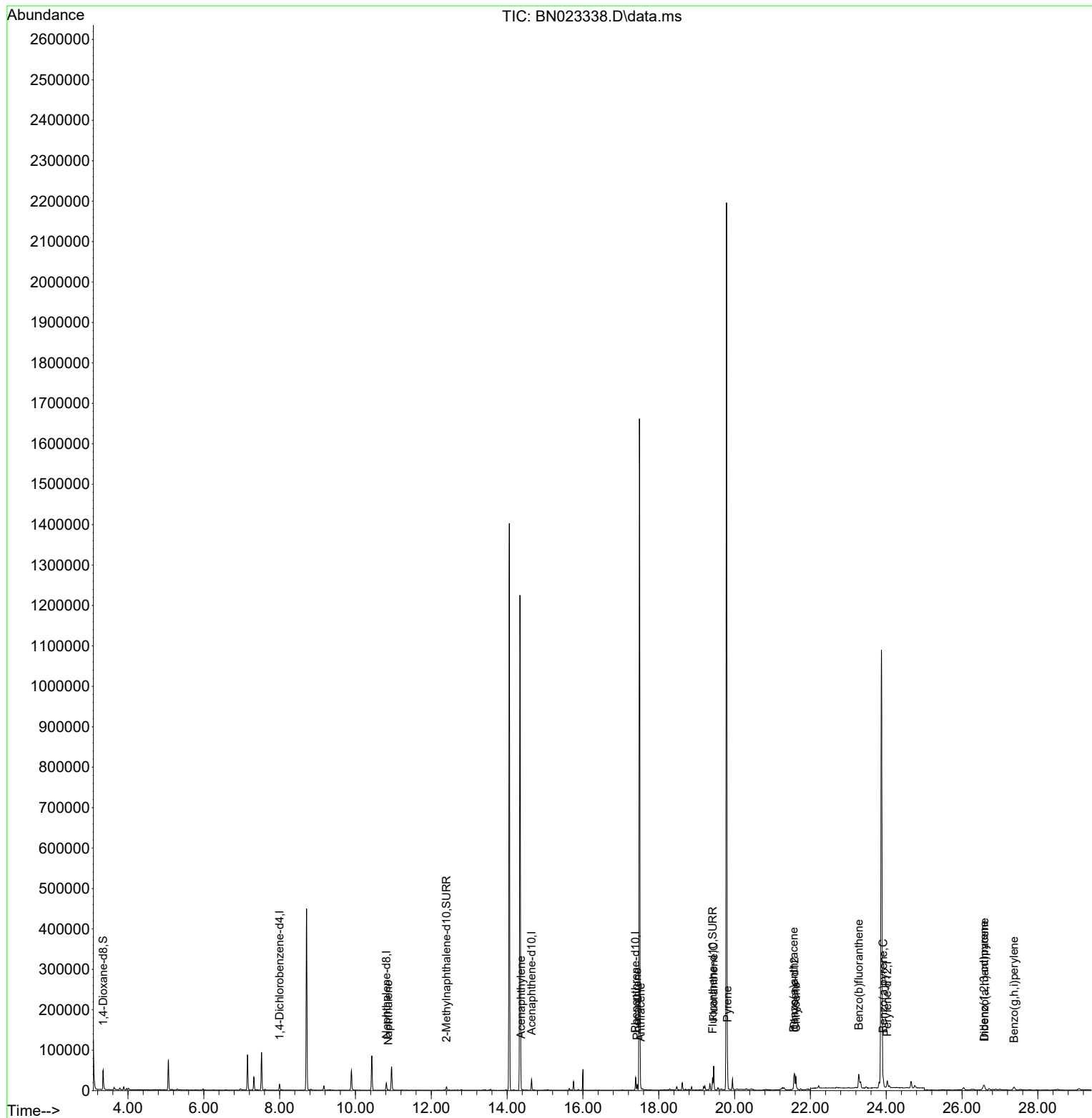
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	7000	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	23325	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	14114	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	33893	0.400	ng/ul	0.00
17) Chrysene-d12	21.581	240	28508	0.400	ng/ul	# 0.00
23) Perylene-d12	24.027	264	23879	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.345	96	31898	4.194	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	10902	0.302	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	29783	0.289	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.865	128	1404	0.021	ng/ul#	81
10) Acenaphthylene	14.368	152	1672	0.027	ng/ul#	83
15) Phenanthrene	17.432	178	13216	0.120	ng/ul	96
16) Anthracene	17.525	178	2310	0.025	ng/ul#	81
19) Fluoranthene	19.448	202	45096	0.326	ng/ul	95
20) Pyrene	19.815	202	38373	0.275	ng/ul	99
21) Benzo(a)anthracene	21.563	228	23434	0.211	ng/ul#	95
22) Chrysene	21.616	228	27966	0.248	ng/ul#	89
24) Benzo(b)fluoranthene	23.279	252	59111	0.479	ng/ul#	64
26) Benzo(a)pyrene	23.919	252	23796	0.243	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.580	276	19761	0.173	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.594	278	5115	0.058	ng/ul#	52
29) Benzo(g,h,i)perylene	27.368	276	14118	0.152	ng/ul#	78

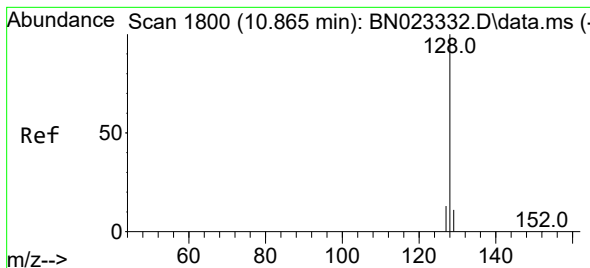
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
Data File : BN023338.D
Acq On : 22 Dec 2022 14:23
Operator : CG/JU
Sample : N6003-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 22 23:53:28 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: 0.021 ng/ul

RT: 10.865 min Scan# 1800

Delta R.T. 0.000 min

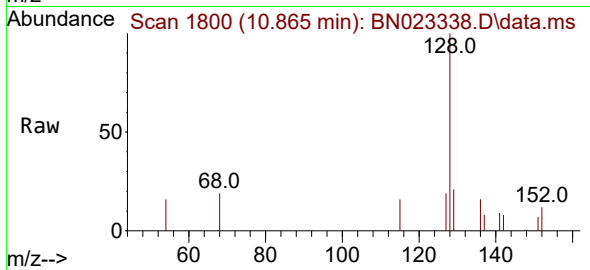
Lab File: BN023338.D

Acq: 22 Dec 2022 14:23

Instrument :

BNA_N

ClientSampleId :



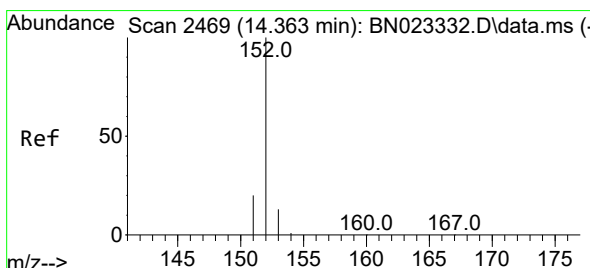
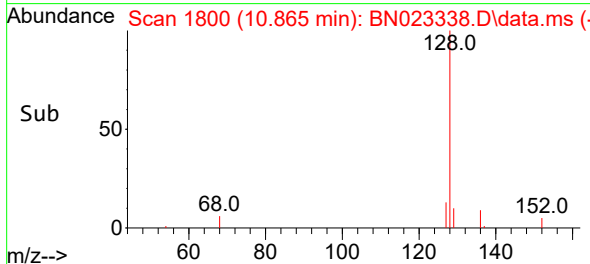
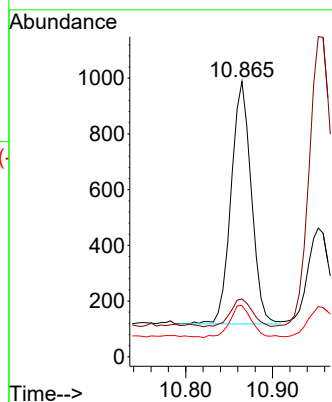
Tgt Ion:128 Resp: 1404

Ion Ratio Lower Upper

128 100

129 21.1 9.0 13.4#

127 18.6 10.7 16.1#



#10

Acenaphthylene

Concen: 0.027 ng/ul

RT: 14.368 min Scan# 2470

Delta R.T. -0.001 min

Lab File: BN023338.D

Acq: 22 Dec 2022 14:23

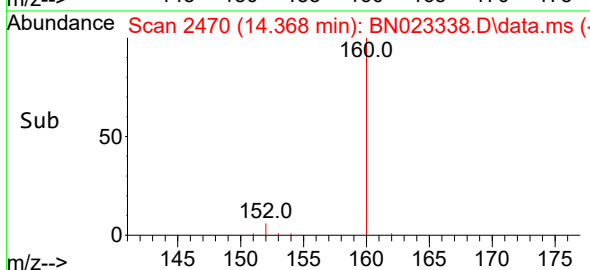
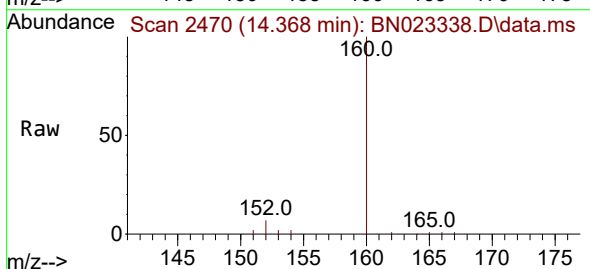
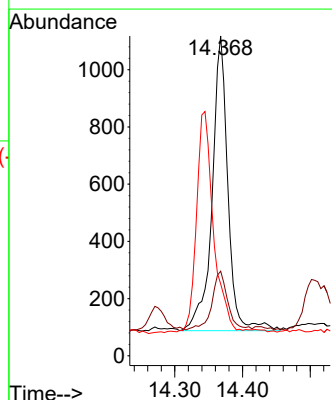
Tgt Ion:152 Resp: 1672

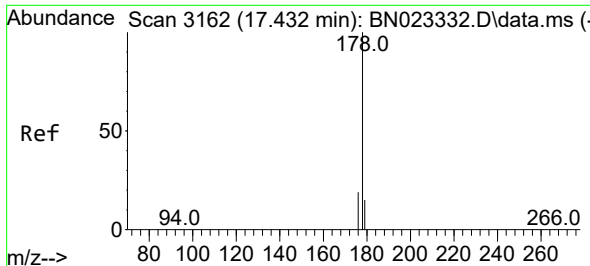
Ion Ratio Lower Upper

152 100

151 26.5 16.1 24.1#

153 22.5 10.9 16.3#

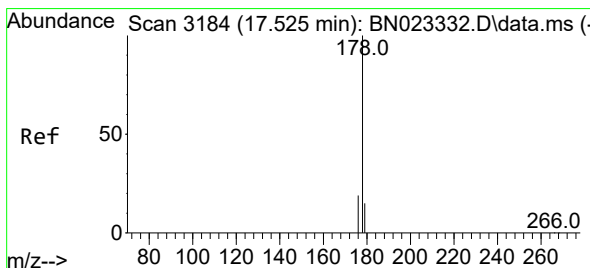
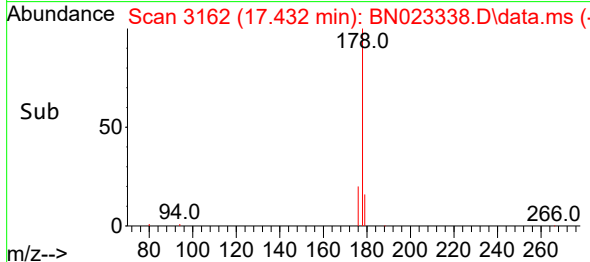
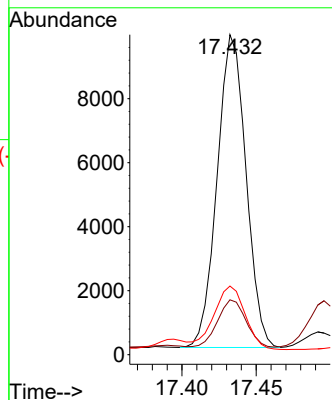
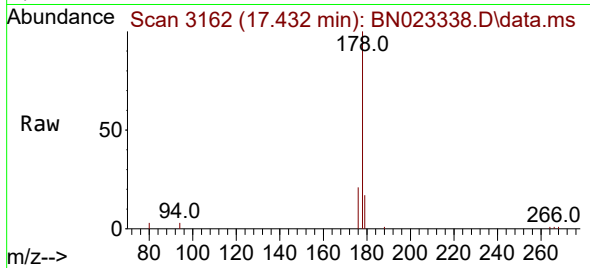




#15
Phenanthrene
Concen: 0.120 ng/ul
RT: 17.432 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BN023338.D
Acq: 22 Dec 2022 14:23

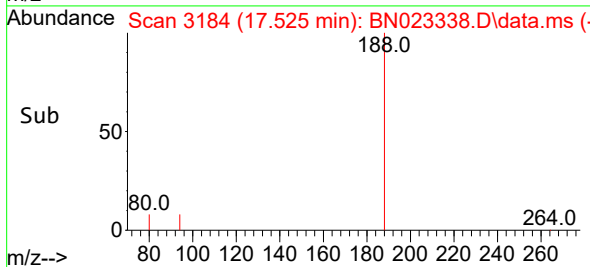
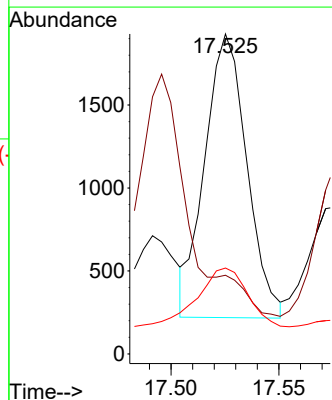
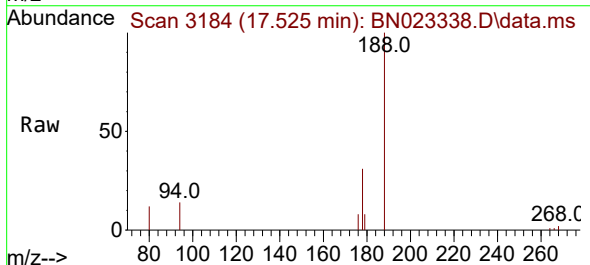
Instrument :
BNA_N
ClientSampleId :

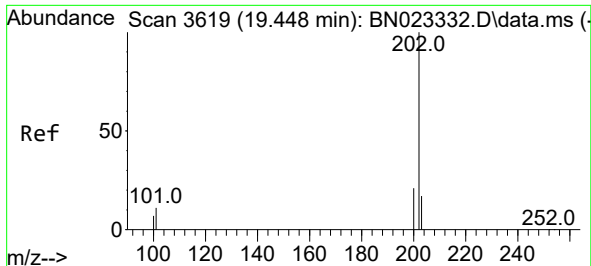
Tgt Ion:178 Resp: 13216
Ion Ratio Lower Upper
178 100
179 17.2 12.5 18.7
176 21.4 15.7 23.5



#16
Anthracene
Concen: 0.025 ng/ul
RT: 17.525 min Scan# 3184
Delta R.T. -0.001 min
Lab File: BN023338.D
Acq: 22 Dec 2022 14:23

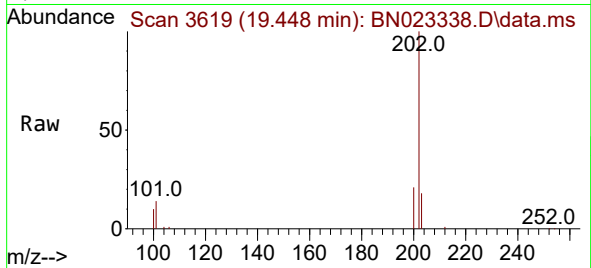
Tgt Ion:178 Resp: 2310
Ion Ratio Lower Upper
178 100
179 24.6 12.6 18.8#
176 26.9 15.4 23.0#



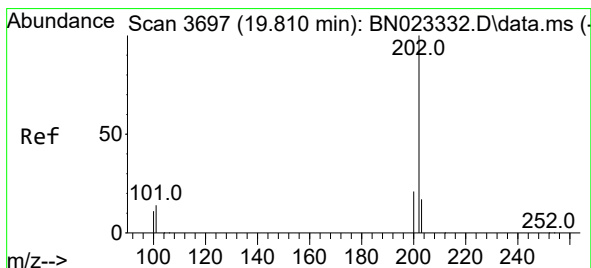
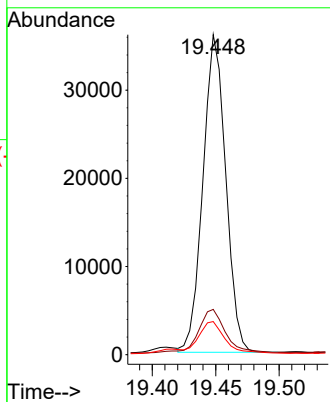
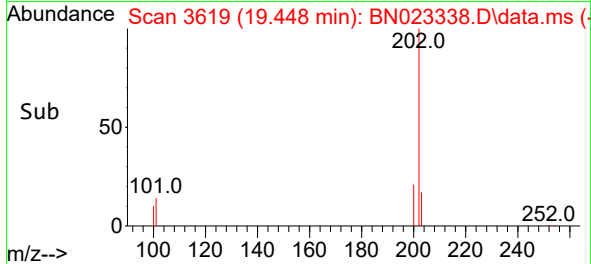


#19
Fluoranthene
Concen: 0.326 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023338.D
Acq: 22 Dec 2022 14:23

Instrument :
BNA_N
ClientSampleId :

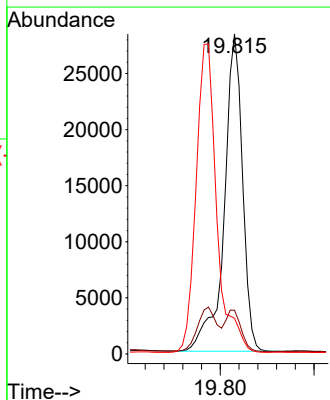
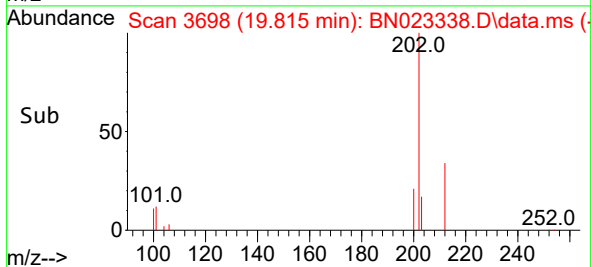
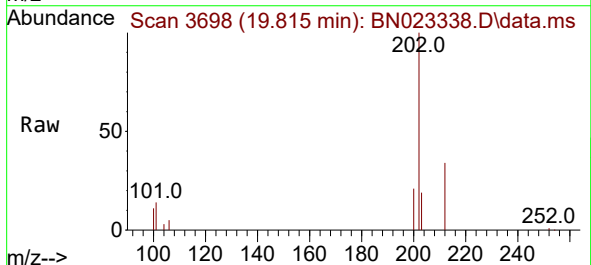


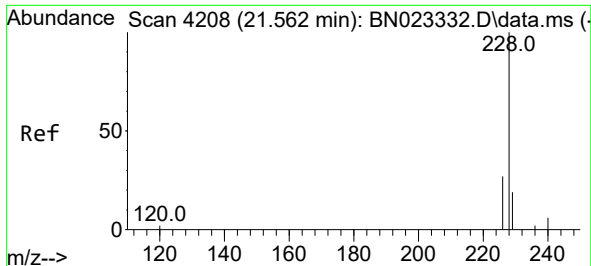
Tgt Ion:202 Resp: 45096
Ion Ratio Lower Upper
202 100
101 14.2 9.4 14.2
100 10.4 7.0 10.6



#20
Pyrene
Concen: 0.275 ng/ul
RT: 19.815 min Scan# 3698
Delta R.T. 0.004 min
Lab File: BN023338.D
Acq: 22 Dec 2022 14:23

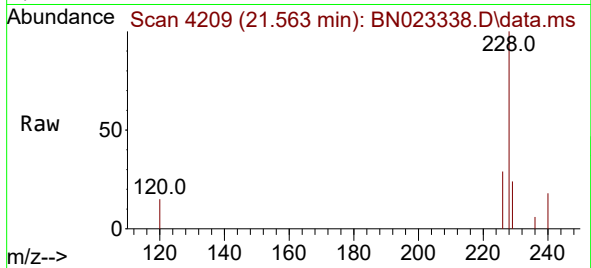
Tgt Ion:202 Resp: 38373
Ion Ratio Lower Upper
202 100
101 13.6 11.3 16.9
100 11.1 9.0 13.4



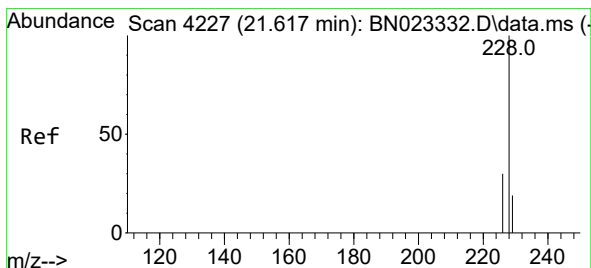
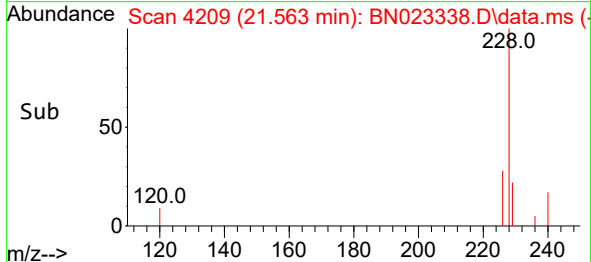
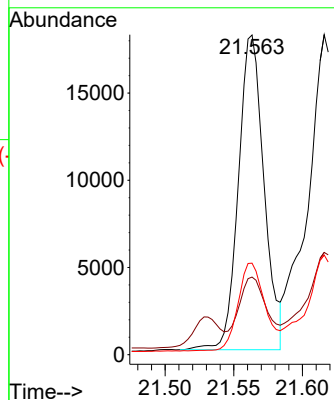


#21
Benzo(a)anthracene
Concen: 0.211 ng/ul
RT: 21.563 min Scan# 41
Delta R.T. 0.002 min
Lab File: BN023338.D
Acq: 22 Dec 2022 14:23

Instrument :
BNA_N
ClientSampleId :

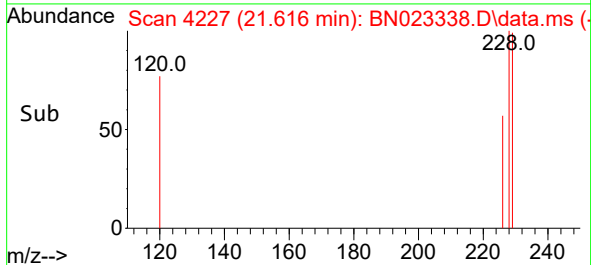
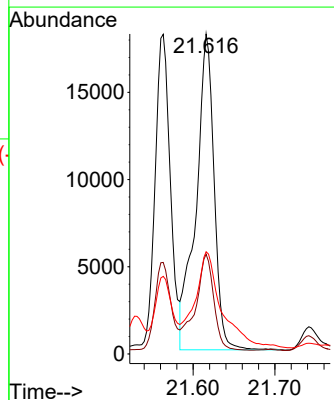
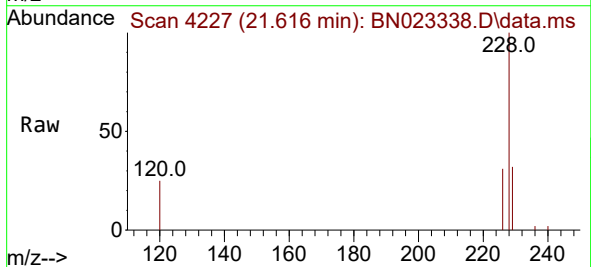


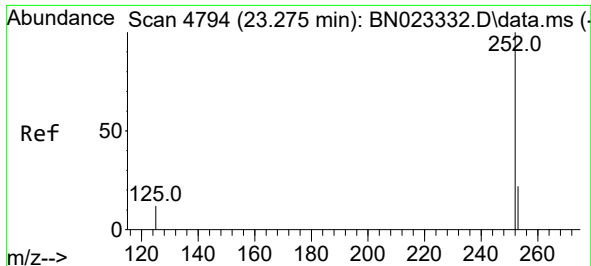
Tgt Ion:228 Resp: 23434
Ion Ratio Lower Upper
228 100
229 24.3 15.6 23.4#
226 28.6 22.2 33.2



#22
Chrysene
Concen: 0.248 ng/ul
RT: 21.616 min Scan# 4227
Delta R.T. -0.001 min
Lab File: BN023338.D
Acq: 22 Dec 2022 14:23

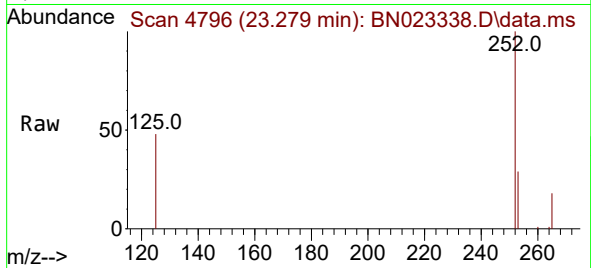
Tgt Ion:228 Resp: 27966
Ion Ratio Lower Upper
228 100
226 31.2 24.3 36.5
229 31.9 15.8 23.6#



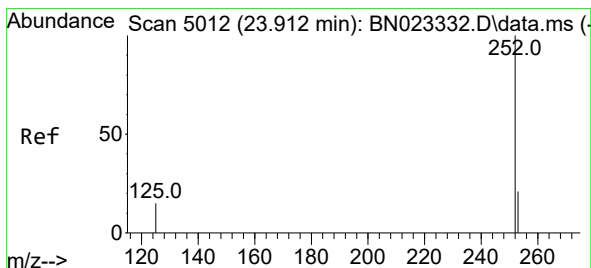
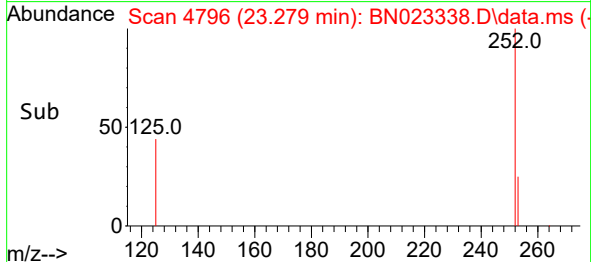
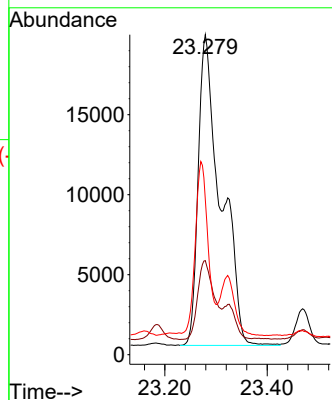


#24
Benzo(b)fluoranthene
Concen: 0.479 ng/ul
RT: 23.279 min Scan# 4794
Delta R.T. 0.005 min
Lab File: BN023338.D
Acq: 22 Dec 2022 14:23

Instrument :
BNA_N
ClientSampleId :

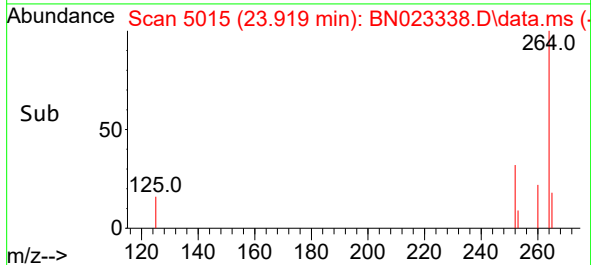
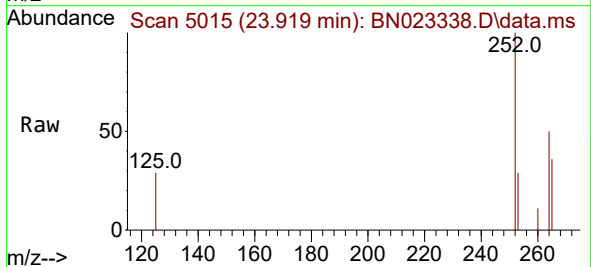
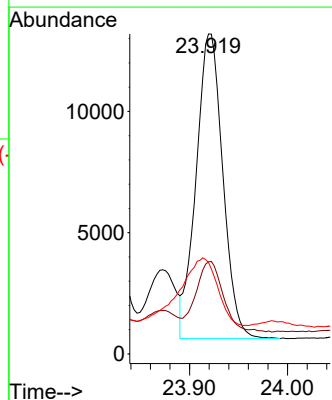


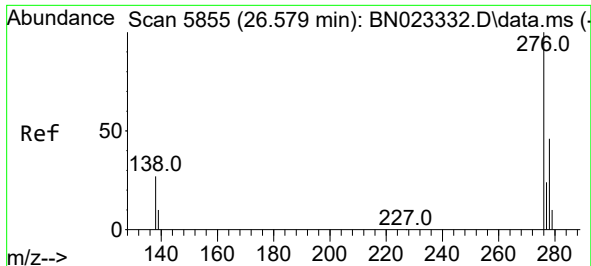
Tgt Ion:252 Resp: 59111
Ion Ratio Lower Upper
252 100
253 29.4 0.0 49.2
125 48.4 0.0 31.8#



#26
Benzo(a)pyrene
Concen: 0.243 ng/ul
RT: 23.919 min Scan# 5015
Delta R.T. 0.005 min
Lab File: BN023338.D
Acq: 22 Dec 2022 14:23

Tgt Ion:252 Resp: 23796
Ion Ratio Lower Upper
252 100
253 28.8 21.4 32.2
125 28.6 16.2 24.4#

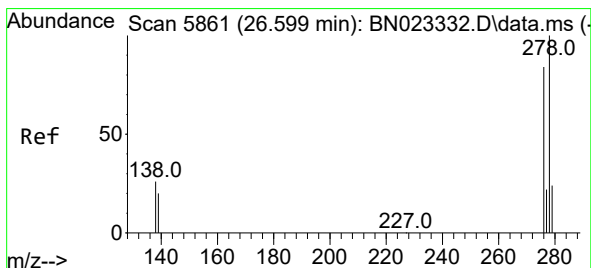
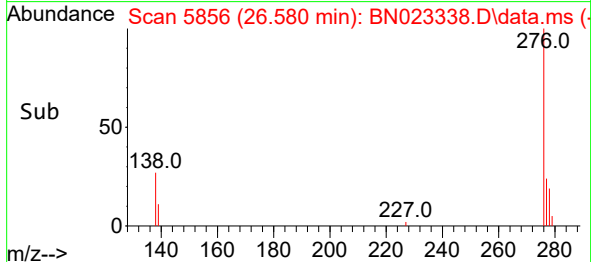
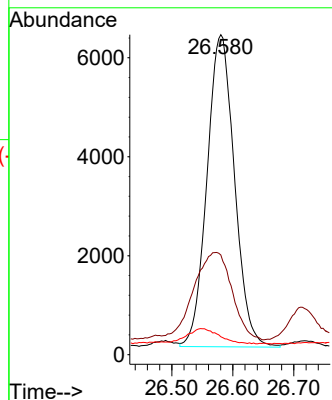
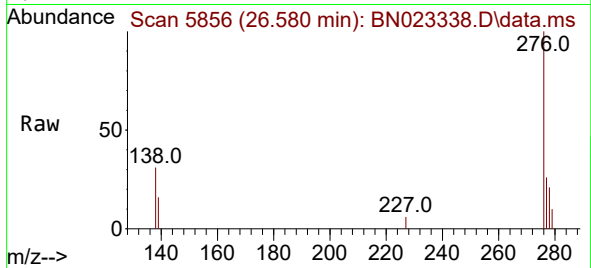




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.173 ng/ul
 RT: 26.580 min Scan# 5855
 Delta R.T. 0.003 min
 Lab File: BN023338.D
 Acq: 22 Dec 2022 14:23

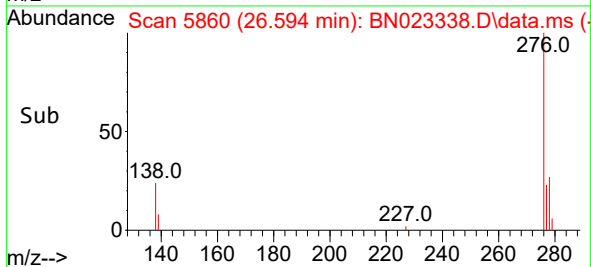
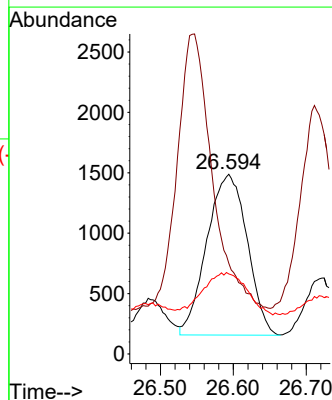
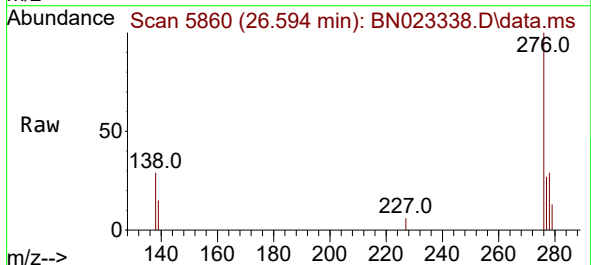
Instrument :
 BNA_N
 ClientSampleId :

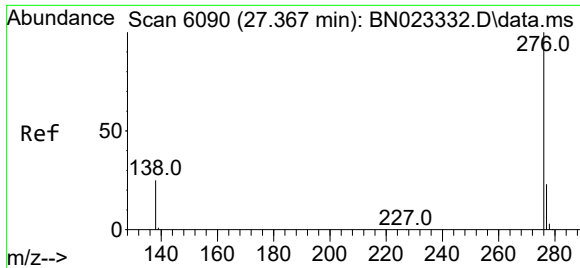
Tgt Ion:276 Resp: 19761
 Ion Ratio Lower Upper
 276 100
 138 38.9 23.4 35.2#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.058 ng/ul
 RT: 26.594 min Scan# 5860
 Delta R.T. -0.007 min
 Lab File: BN023338.D
 Acq: 22 Dec 2022 14:23

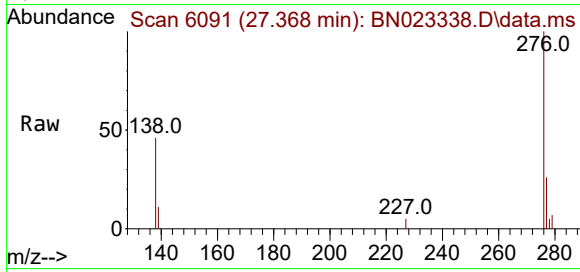
Tgt Ion:278 Resp: 5115
 Ion Ratio Lower Upper
 278 100
 139 50.4 16.6 24.8#
 279 44.5 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.152 ng/ul
 RT: 27.368 min Scan# 6091
 Delta R.T. -0.001 min
 Lab File: BN023338.D
 Acq: 22 Dec 2022 14:23

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:276 Resp: 14118
 Ion Ratio Lower Upper
 276 100
 138 46.0 20.3 30.5#
 277 26.2 19.7 29.5

