

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023378.D
 Acq On : 23 Dec 2022 19:03
 Operator : CG/JU
 Sample : N6008-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYB1

Quant Time: Dec 23 22:44:41 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)

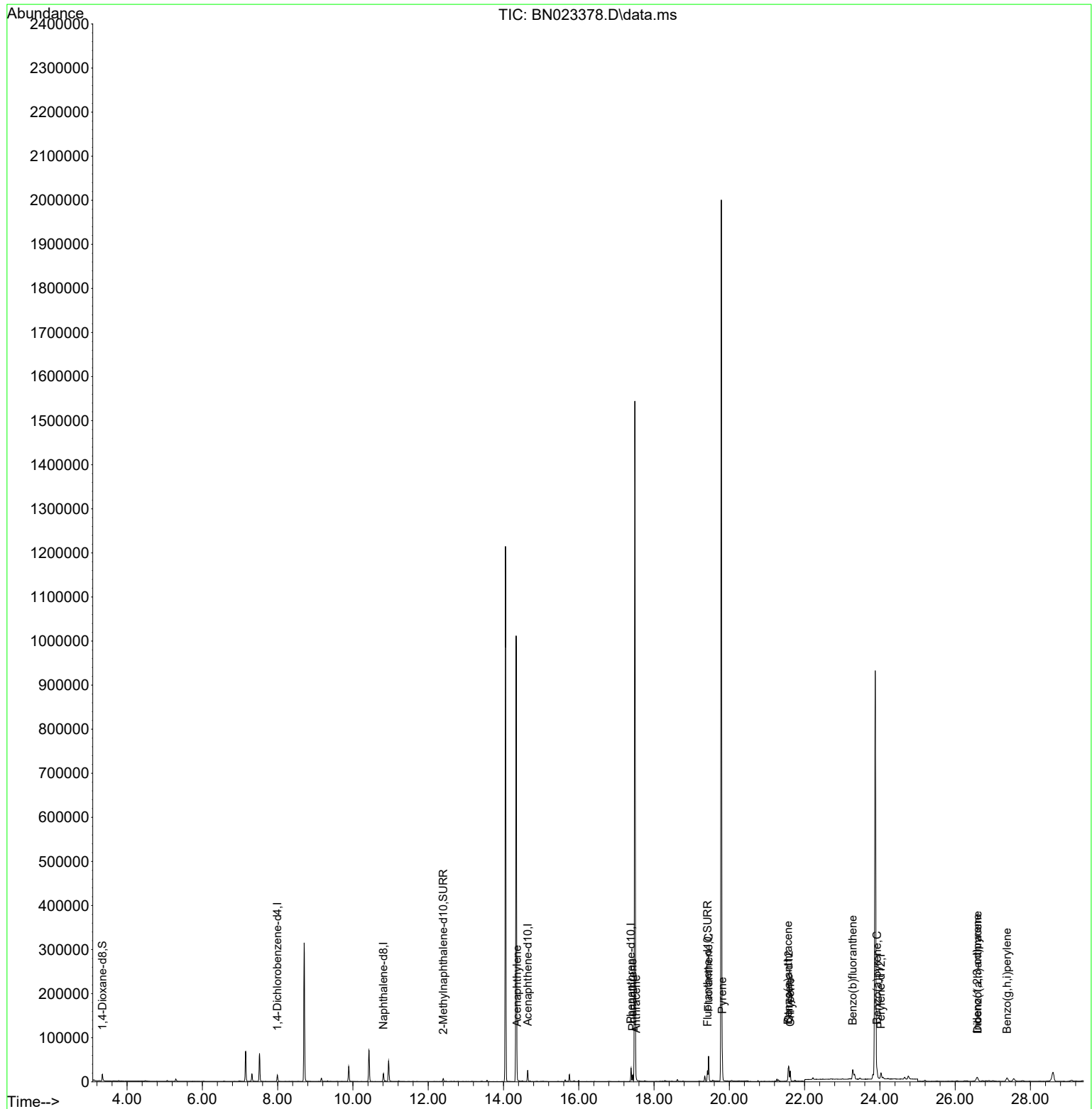
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.994	152	6986	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	22619	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	13432	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	32806	0.400	ng/ul	0.00
17) Chrysene-d12	21.581	240	25044	0.400	ng/ul	0.00
23) Perylene-d12	24.030	264	19353	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	10155	1.338	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	8083	0.231	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	24219	0.267	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.363	152	1275	0.021	ng/ul#	74
15) Phenanthrene	17.432	178	13108	0.123	ng/ul	96
16) Anthracene	17.525	178	2128	0.024	ng/ul#	85
19) Fluoranthene	19.448	202	45134	0.371	ng/ul	97
20) Pyrene	19.815	202	38352	0.313	ng/ul	99
21) Benzo(a)anthracene	21.563	228	20712	0.212	ng/ul	97
22) Chrysene	21.619	228	24505	0.247	ng/ul	97
24) Benzo(b)fluoranthene	23.279	252	45003	0.450	ng/ul	81
26) Benzo(a)pyrene	23.922	252	19468	0.246	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.584	276	14755	0.160	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.597	278	3754	0.052	ng/ul#	47
29) Benzo(g,h,i)perylene	27.378	276	14294	0.190	ng/ul#	68

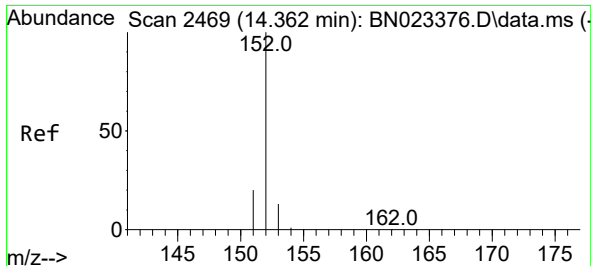
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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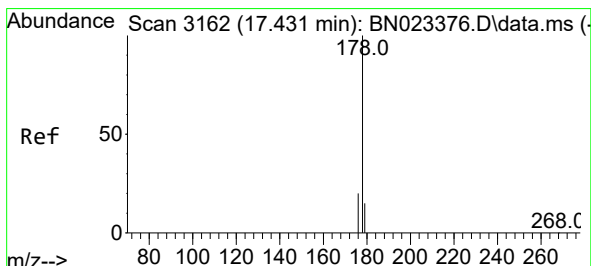
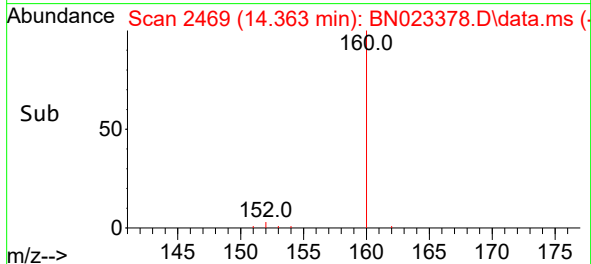
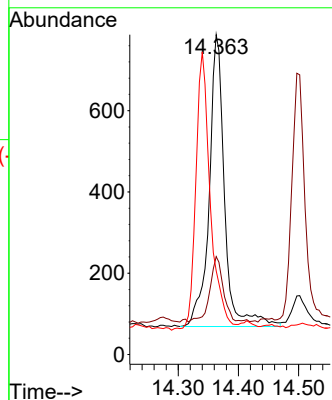
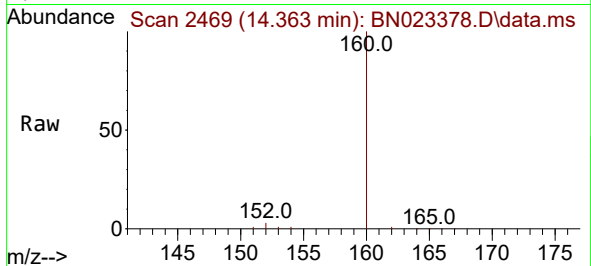




#10
Acenaphthylene
Concen: 0.021 ng/ul
RT: 14.363 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN023378.D
Acq: 23 Dec 2022 19:03

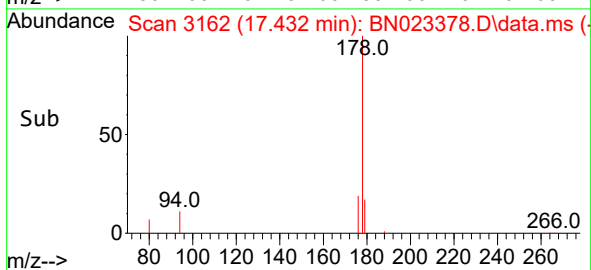
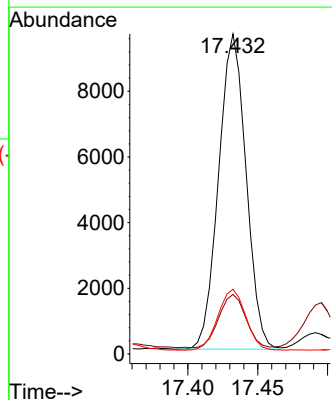
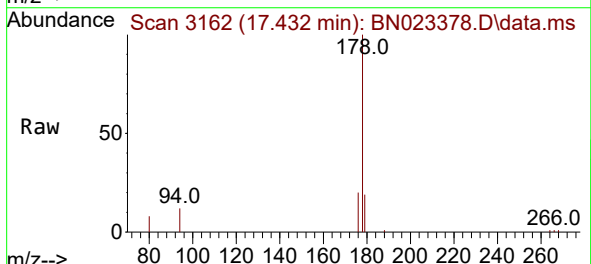
Instrument :
BNA_N
ClientSampleId :
DBYB1

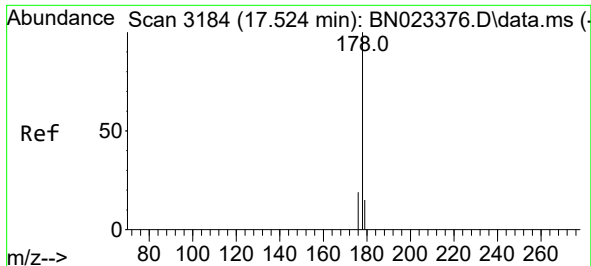
Tgt Ion:152 Resp: 1275
Ion Ratio Lower Upper
152 100
151 30.6 16.1 24.1#
153 26.2 10.9 16.3#



#15
Phenanthrene
Concen: 0.123 ng/ul
RT: 17.432 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BN023378.D
Acq: 23 Dec 2022 19:03

Tgt Ion:178 Resp: 13108
Ion Ratio Lower Upper
178 100
179 18.6 12.5 18.7
176 20.2 15.7 23.5

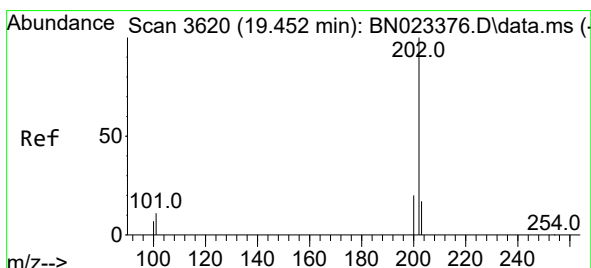
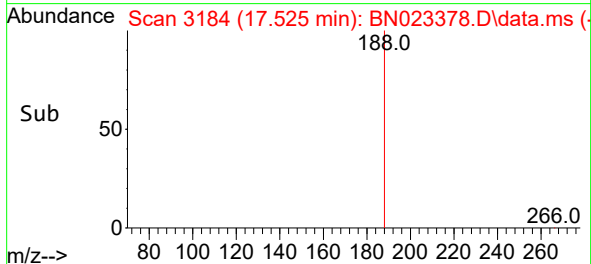
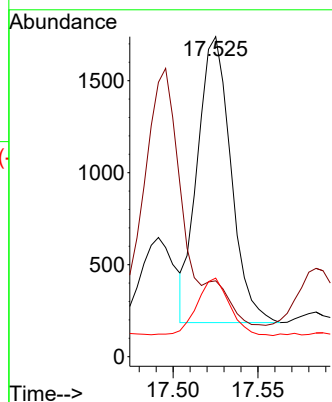
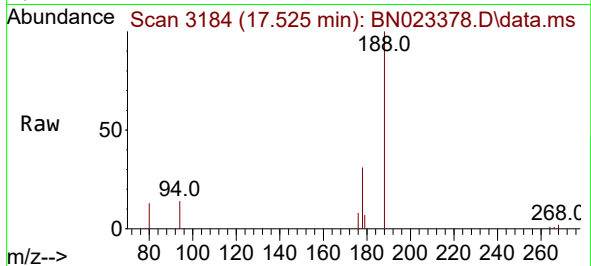




#16
 Anthracene
 Concen: 0.024 ng/ul
 RT: 17.525 min Scan# 3184
 Delta R.T. -0.001 min
 Lab File: BN023378.D
 Acq: 23 Dec 2022 19:03

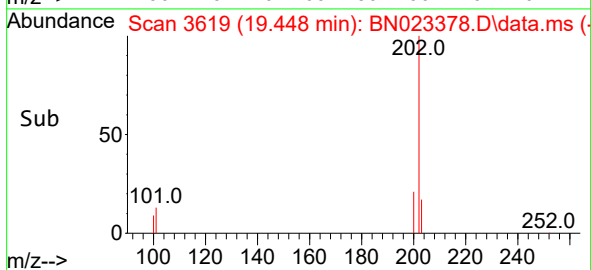
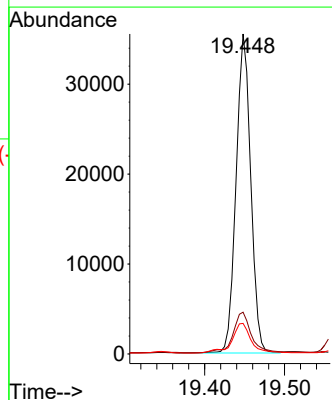
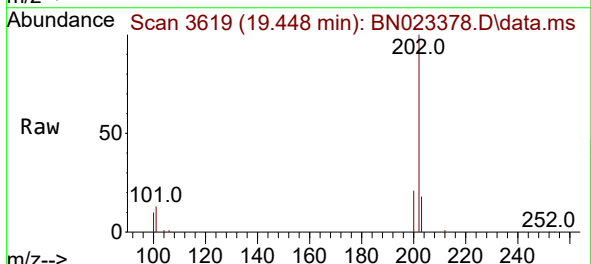
Instrument :
 BNA_N
 ClientSampleId :
 DBYB1

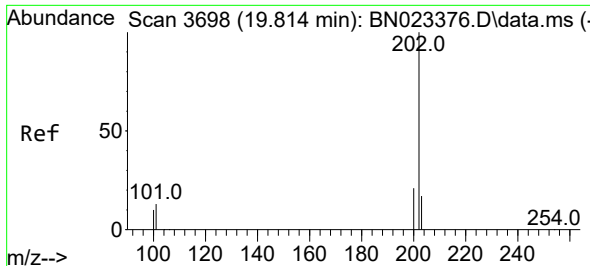
Tgt Ion:178 Resp: 2128
 Ion Ratio Lower Upper
 178 100
 179 23.7 12.6 18.8#
 176 24.6 15.4 23.0#



#19
 Fluoranthene
 Concen: 0.371 ng/ul
 RT: 19.448 min Scan# 3619
 Delta R.T. -0.001 min
 Lab File: BN023378.D
 Acq: 23 Dec 2022 19:03

Tgt Ion:202 Resp: 45134
 Ion Ratio Lower Upper
 202 100
 101 13.1 9.4 14.2
 100 9.5 7.0 10.6

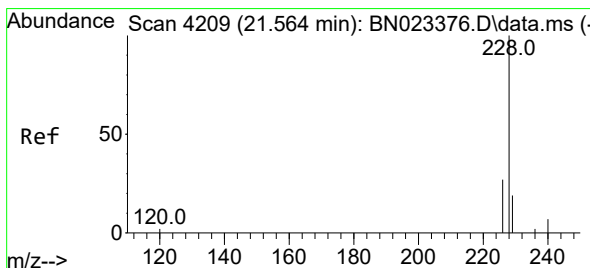
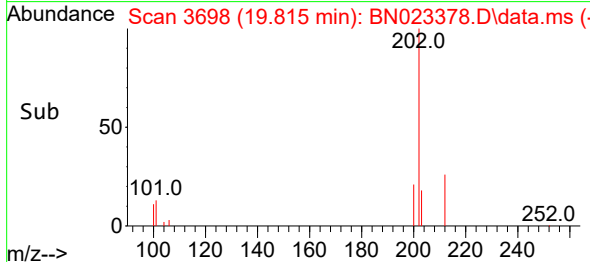
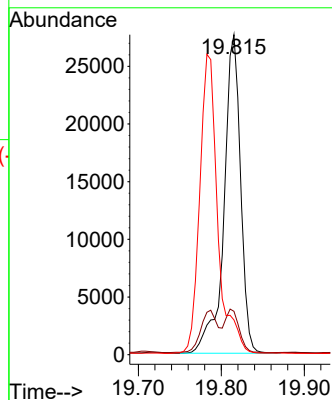
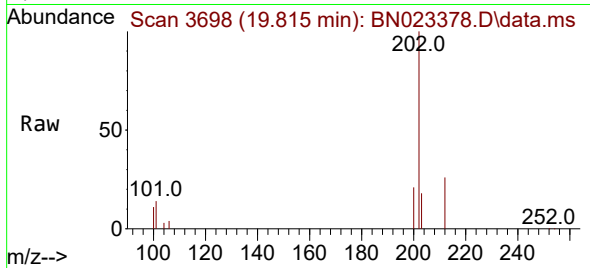




#20
Pyrene
Concen: 0.313 ng/ul
RT: 19.815 min Scan# 3698
Delta R.T. 0.004 min
Lab File: BN023378.D
Acq: 23 Dec 2022 19:03

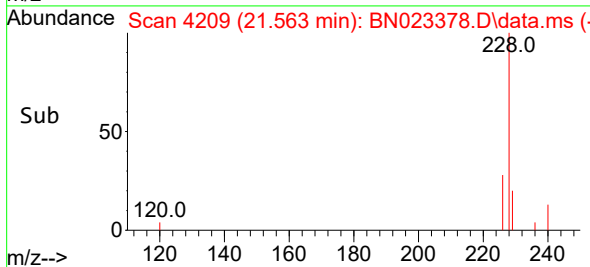
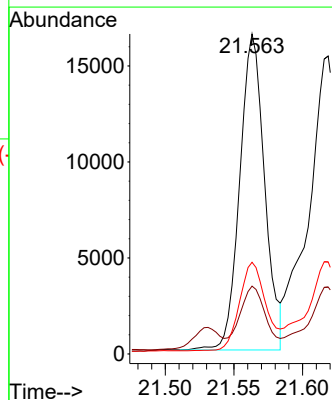
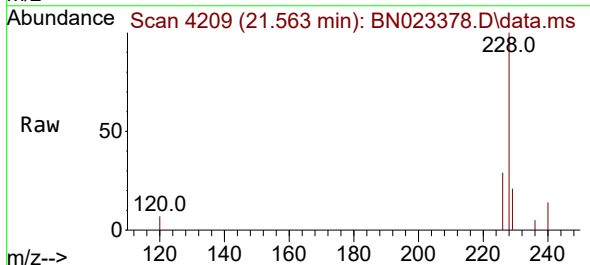
Instrument :
BNA_N
ClientSampleId :
DBYB1

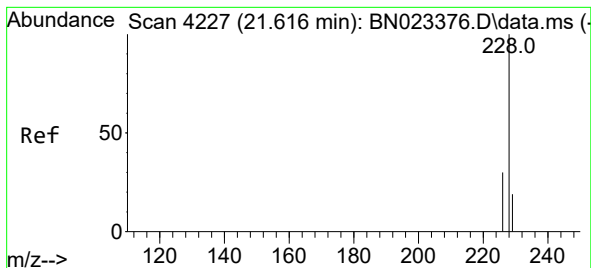
Tgt Ion:202 Resp: 38352
Ion Ratio Lower Upper
202 100
101 13.6 11.3 16.9
100 10.9 9.0 13.4



#21
Benzo(a)anthracene
Concen: 0.212 ng/ul
RT: 21.563 min Scan# 4209
Delta R.T. 0.002 min
Lab File: BN023378.D
Acq: 23 Dec 2022 19:03

Tgt Ion:228 Resp: 20712
Ion Ratio Lower Upper
228 100
229 21.2 15.6 23.4
226 28.7 22.2 33.2





#22

Chrysene

Concen: 0.247 ng/ul

RT: 21.619 min Scan# 41

Delta R.T. 0.002 min

Lab File: BN023378.D

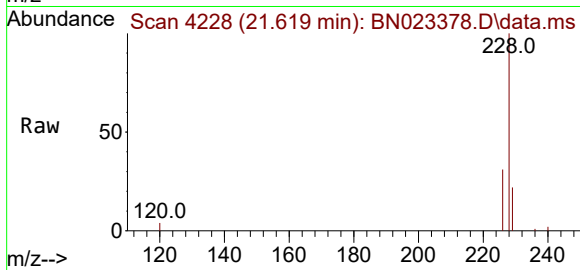
Acq: 23 Dec 2022 19:03

Instrument :

BNA_N

ClientSampleId :

DBYB1



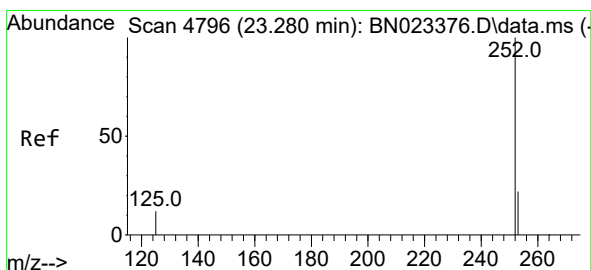
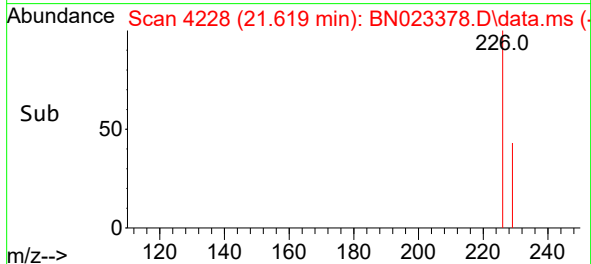
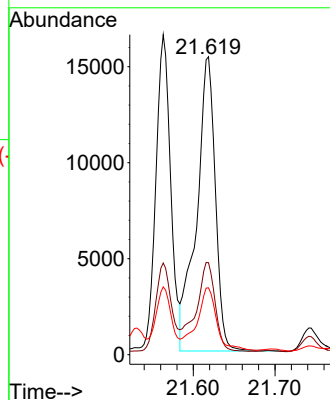
Tgt Ion:228 Resp: 24505

Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

229 22.4 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 0.450 ng/ul

RT: 23.279 min Scan# 4796

Delta R.T. 0.005 min

Lab File: BN023378.D

Acq: 23 Dec 2022 19:03

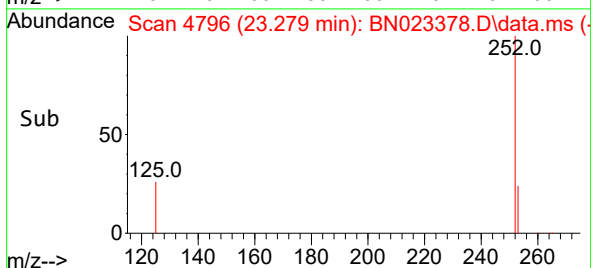
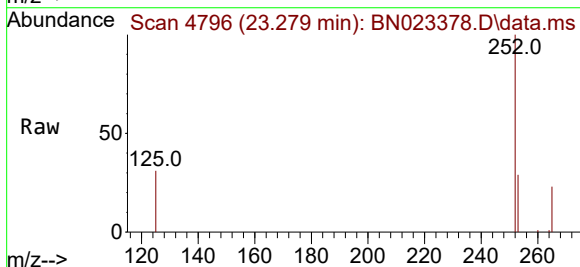
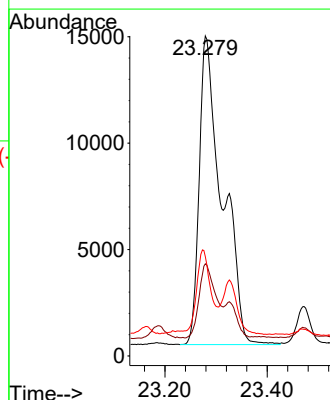
Tgt Ion:252 Resp: 45003

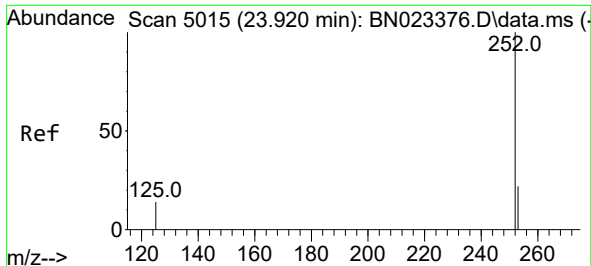
Ion Ratio Lower Upper

252 100

253 28.8 0.0 49.2

125 31.0 0.0 31.8

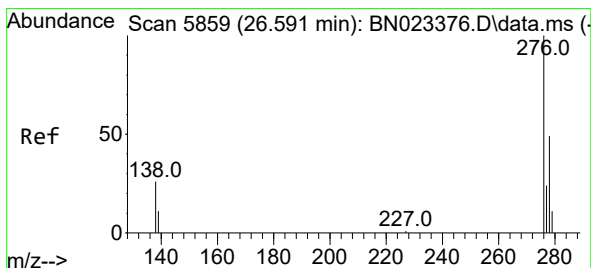
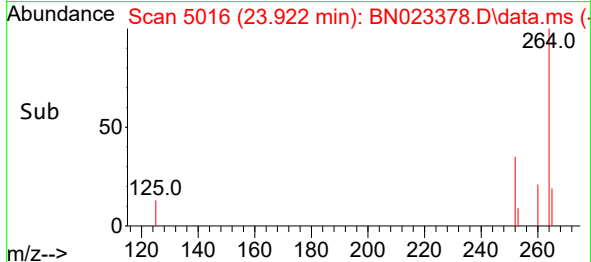
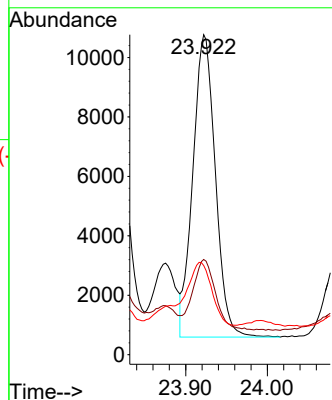
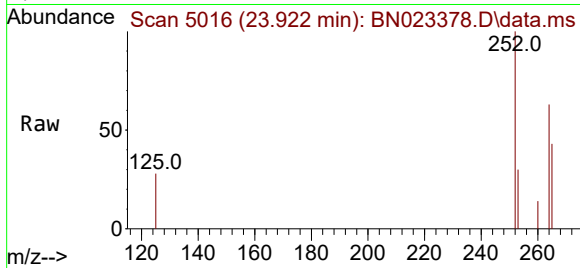




#26
Benzo(a)pyrene
Concen: 0.246 ng/ul
RT: 23.922 min Scan# 5016
Delta R.T. 0.008 min
Lab File: BN023378.D
Acq: 23 Dec 2022 19:03

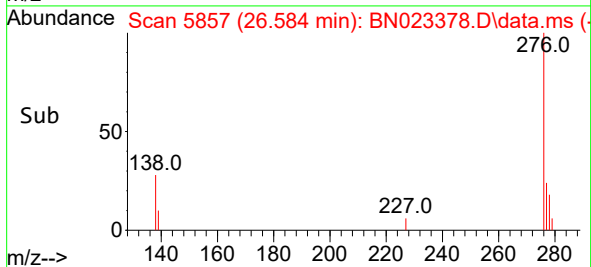
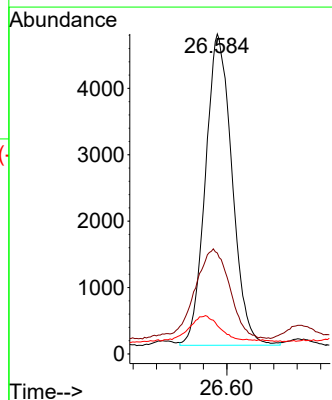
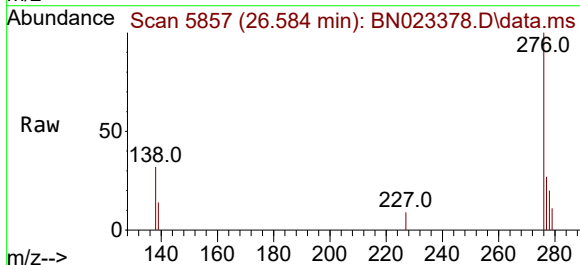
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BNA_N
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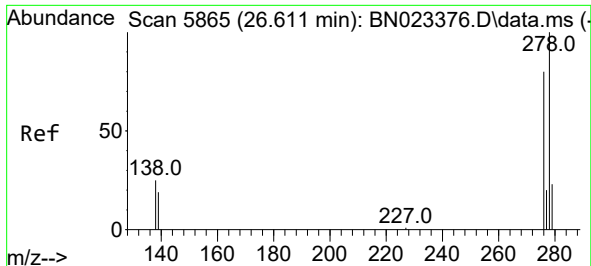
Tgt Ion:252 Resp: 19468
Ion Ratio Lower Upper
252 100
253 29.8 21.4 32.2
125 27.8 16.2 24.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.160 ng/ul
RT: 26.584 min Scan# 5857
Delta R.T. 0.006 min
Lab File: BN023378.D
Acq: 23 Dec 2022 19:03

Tgt Ion:276 Resp: 14755
Ion Ratio Lower Upper
276 100
138 38.3 23.4 35.2#
227 0.0 0.0 0.0

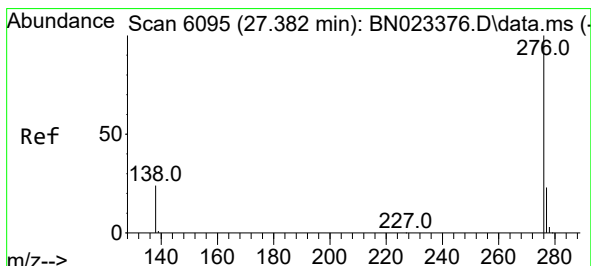
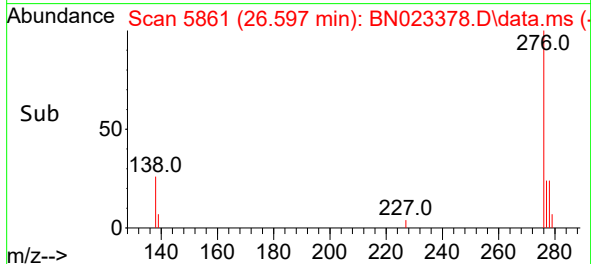
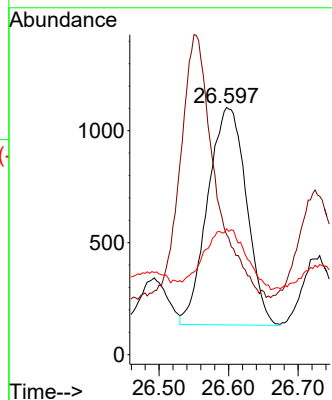
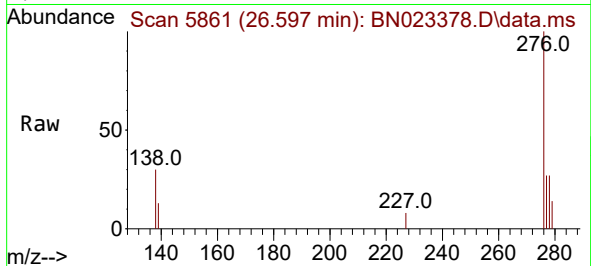




#28
Dibenzo(a,h)anthracene
Concen: 0.052 ng/ul
RT: 26.597 min Scan# 5861
Delta R.T. -0.004 min
Lab File: BN023378.D
Acq: 23 Dec 2022 19:03

Instrument :
BNA_N
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Tgt Ion:278 Resp: 3754
Ion Ratio Lower Upper
278 100
139 48.6 16.6 24.8#
279 50.9 21.3 31.9#



#29
Benzo(g,h,i)perylene
Concen: 0.190 ng/ul
RT: 27.378 min Scan# 6094
Delta R.T. 0.009 min
Lab File: BN023378.D
Acq: 23 Dec 2022 19:03

Tgt Ion:276 Resp: 14294
Ion Ratio Lower Upper
276 100
138 56.5 20.3 30.5#
277 25.6 19.7 29.5

