

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042023\
 Data File : BN025031.D
 Acq On : 20 Apr 2023 12:27
 Operator : CG/JU
 Sample : 02296-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCBJ7

Quant Time: Apr 21 04:17:28 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 04:13:07 2023
 Response via : Initial Calibration

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

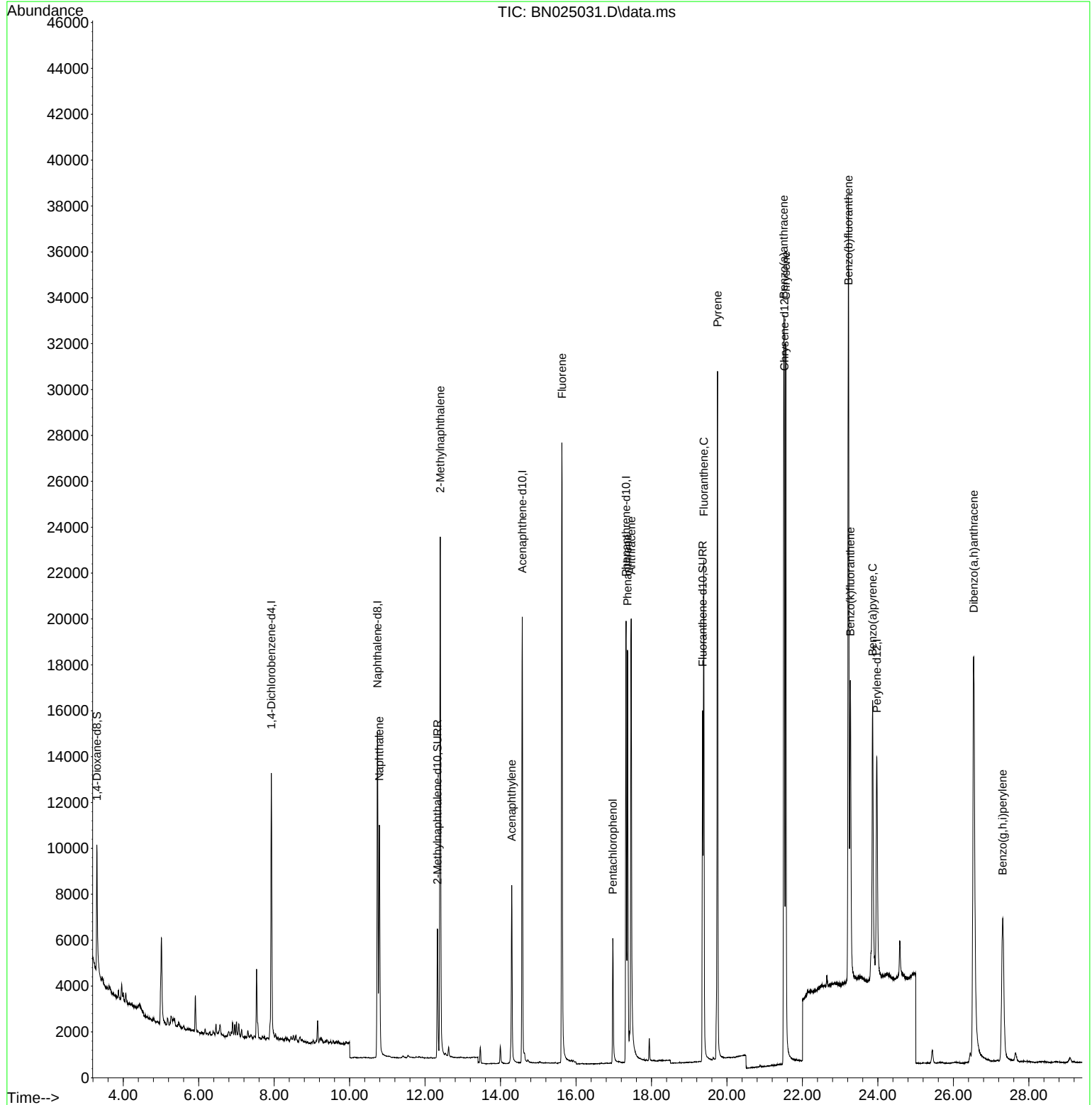
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	6567	0.400	ng/u1	0.00
4) Naphthalene-d8	10.737	136	20069	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.575	164	10875	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.326	188	23552	0.400	ng/u1	0.00
17) Chrysene-d12	21.520	240	18552	0.400	ng/u1	0.00
23) Perylene-d12	23.970	264	15540	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	3806	0.560	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.326	152	7762	0.301	ng/u1	0.00
18) Fluoranthene-d10	19.354	212	17390	0.355	ng/u1	0.00
Target Compounds						Qvalue
5) Naphthalene	10.787	128	15322	0.298	ng/u1	99
7) 2-Methylnaphthalene	12.403	142	17365	0.551	ng/u1	100
10) Acenaphthylene	14.297	152	9764	0.241	ng/u1	100
12) Fluorene	15.625	166	19090	0.500	ng/u1	99
14) Pentachlorophenol	16.975	266	4025	0.870	ng/u1	100
15) Phenanthrene	17.364	178	20441	0.307	ng/u1	99
16) Anthracene	17.461	178	25549	0.470	ng/u1	100
19) Fluoranthene	19.387	202	19878	0.296	ng/u1	99
20) Pyrene	19.749	202	25829	0.375	ng/u1	99
21) Benzo(a)anthracene	21.505	228	26483	0.474	ng/u1	99
22) Chrysene	21.558	228	29749	0.488	ng/u1	100
24) Benzo(b)fluoranthene	23.218	252	46656	0.740	ng/u1	97
25) Benzo(k)fluoranthene	23.268	252	20260	0.334	ng/u1	97
26) Benzo(a)pyrene	23.861	252	18826	0.361	ng/u1#	93
28) Dibenzo(a,h)anthracene	26.541	278	37156	0.791	ng/u1	97
29) Benzo(g,h,i)perylene	27.305	276	17923	0.351	ng/u1	99

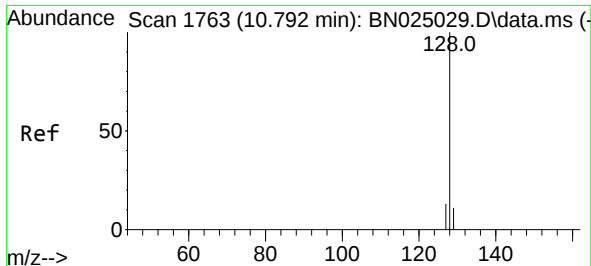
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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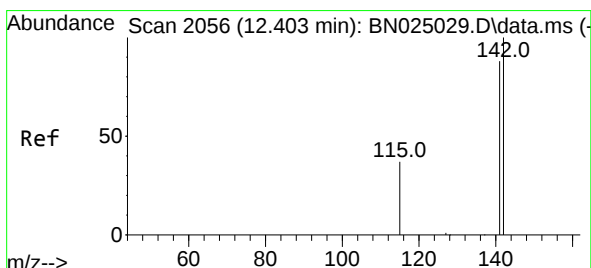
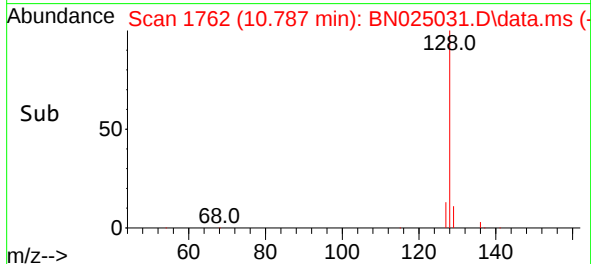
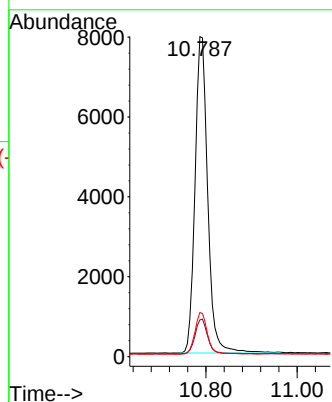
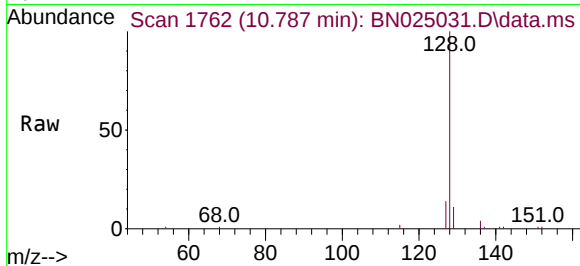




#5
Naphthalene
Concen: 0.298 ng/ul
RT: 10.787 min Scan# 1762
Delta R.T. -0.005 min
Lab File: BN025031.D
Acq: 20 Apr 2023 12:27

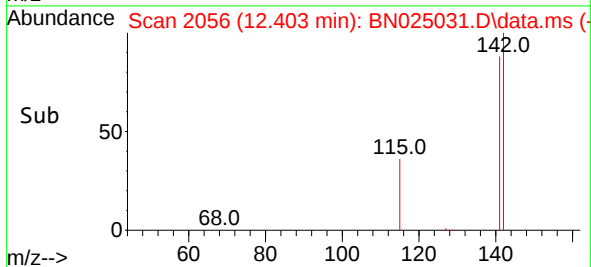
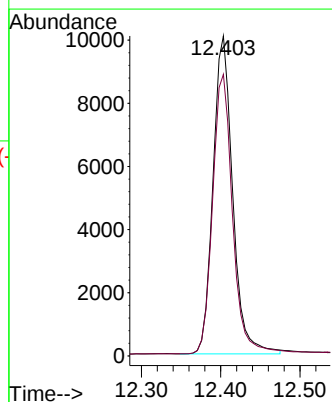
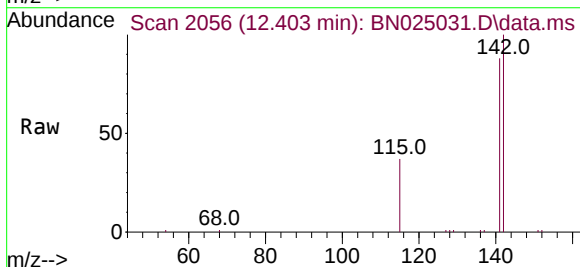
Instrument :
BNA_N
ClientSampleId :
DCBJ7

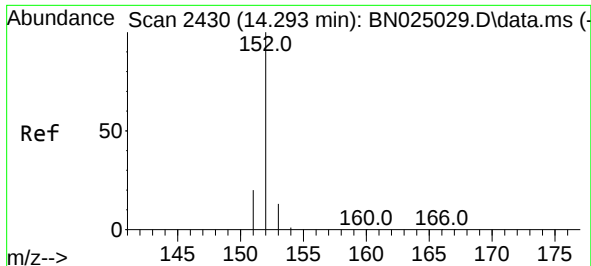
Tgt Ion:128 Resp: 15322
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.8 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.551 ng/ul
RT: 12.403 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BN025031.D
Acq: 20 Apr 2023 12:27

Tgt Ion:142 Resp: 17365
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0

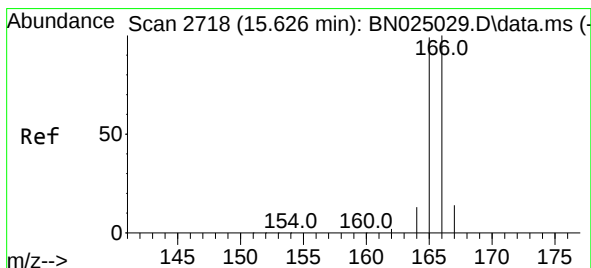
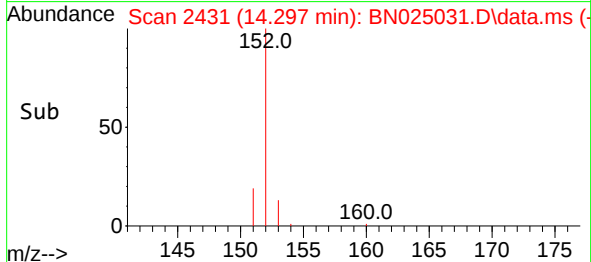
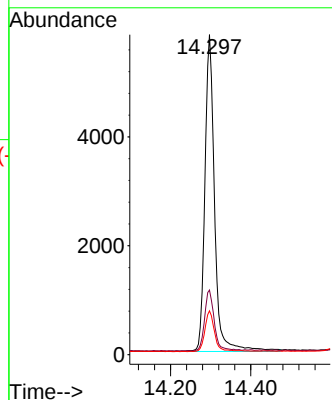
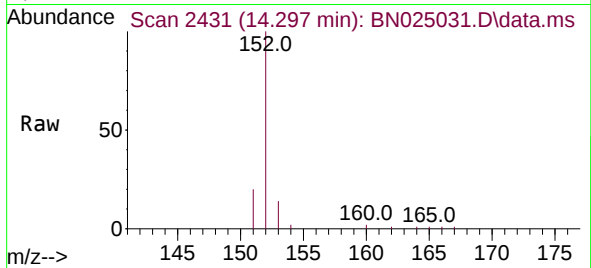




#10
Acenaphthylene
Concen: 0.241 ng/ul
RT: 14.297 min Scan# 2430
Delta R.T. 0.004 min
Lab File: BN025031.D
Acq: 20 Apr 2023 12:27

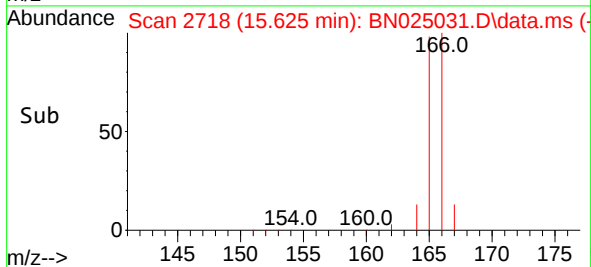
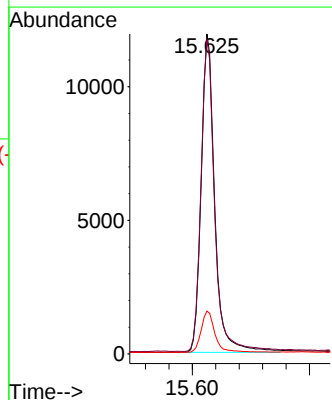
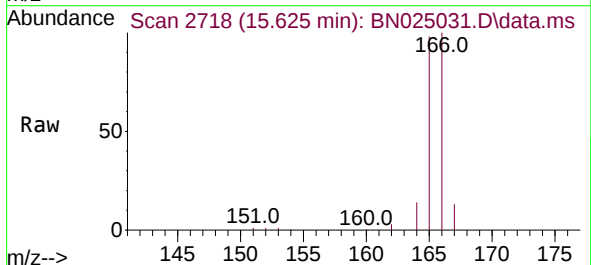
Instrument :
BNA_N
ClientSampleId :
DCBJ7

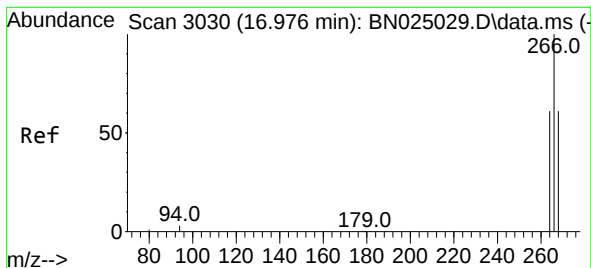
Tgt Ion:152	Resp:	9764
Ion Ratio	Lower	Upper
152	100	
151	20.2	16.0 24.0
153	13.7	10.8 16.2



#12
Fluorene
Concen: 0.500 ng/ul
RT: 15.625 min Scan# 2718
Delta R.T. -0.001 min
Lab File: BN025031.D
Acq: 20 Apr 2023 12:27

Tgt Ion:166	Resp:	19090
Ion Ratio	Lower	Upper
166	100	
165	98.3	78.1 117.1
167	13.4	11.0 16.6





#14

Pentachlorophenol

Concen: 0.870 ng/ul

RT: 16.975 min Scan# 3030

Delta R.T. -0.001 min

Lab File: BN025031.D

Acq: 20 Apr 2023 12:27

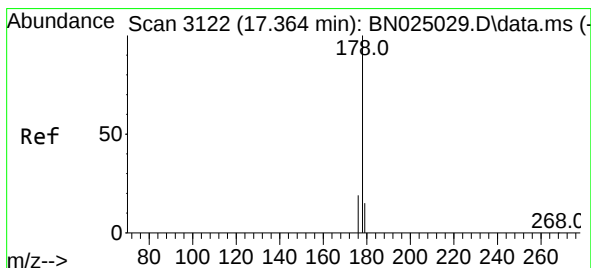
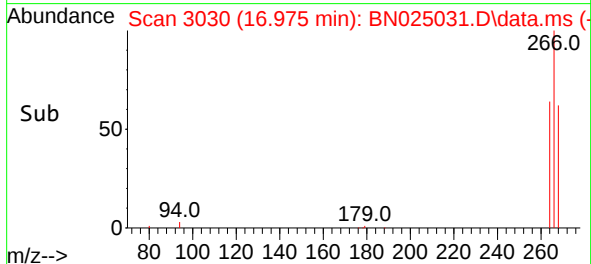
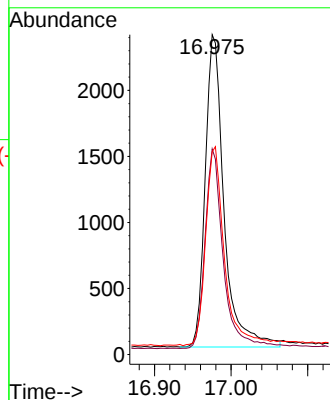
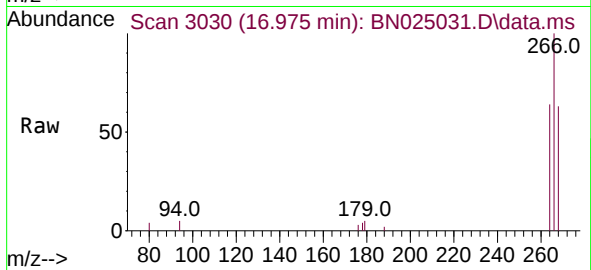
Instrument :

BNA_N

ClientSampleId :

DCBJ7

Tgt Ion:	266	Resp:	4025
Ion Ratio	Lower	Upper	
266	100		
264	62.3	49.6	74.4
268	64.0	51.3	76.9



#15

Phenanthrene

Concen: 0.307 ng/ul

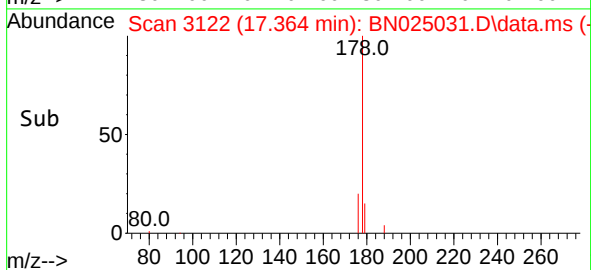
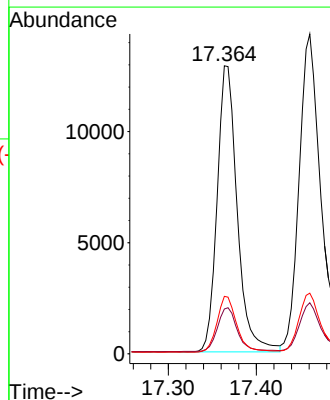
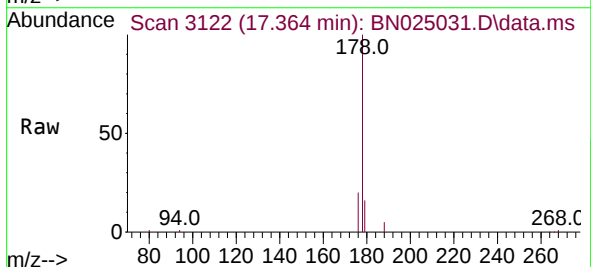
RT: 17.364 min Scan# 3122

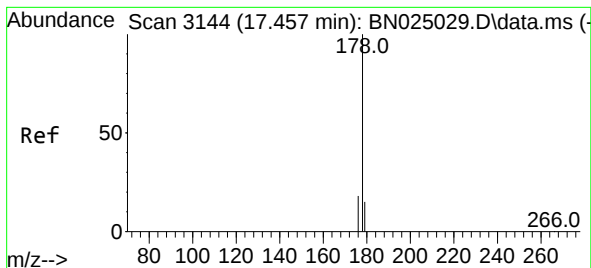
Delta R.T. -0.001 min

Lab File: BN025031.D

Acq: 20 Apr 2023 12:27

Tgt Ion:	178	Resp:	20441
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.5	18.7
176	20.0	15.6	23.4





#16

Anthracene

Concen: 0.470 ng/ul

RT: 17.461 min Scan# 3145

Delta R.T. 0.003 min

Lab File: BN025031.D

Acq: 20 Apr 2023 12:27

Instrument :

BNA_N

ClientSampleId :

DCBJ7

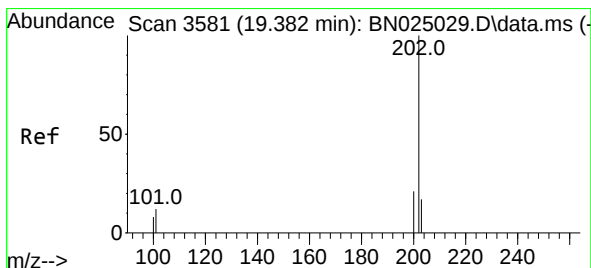
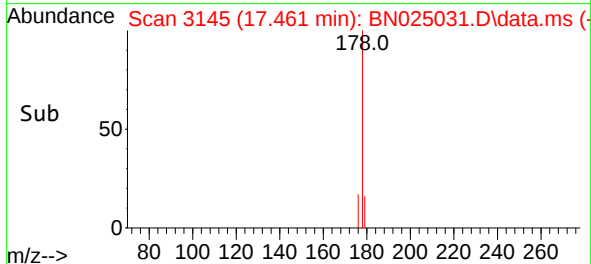
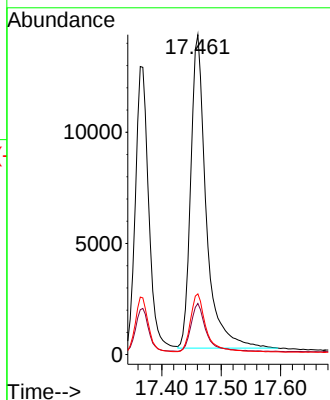
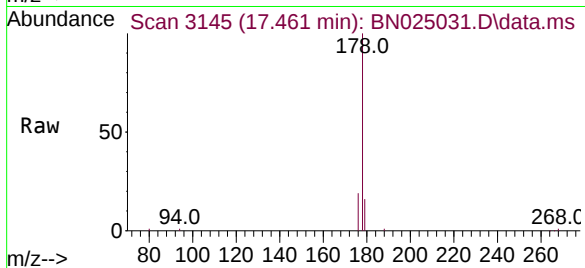
Tgt Ion:178 Resp: 25549

Ion Ratio Lower Upper

178 100

179 16.0 12.7 19.1

176 19.0 15.3 22.9



#19

Fluoranthene

Concen: 0.296 ng/ul

RT: 19.387 min Scan# 3582

Delta R.T. 0.004 min

Lab File: BN025031.D

Acq: 20 Apr 2023 12:27

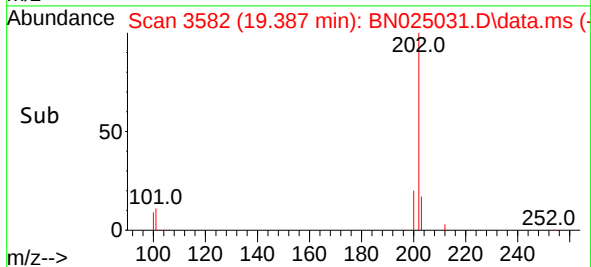
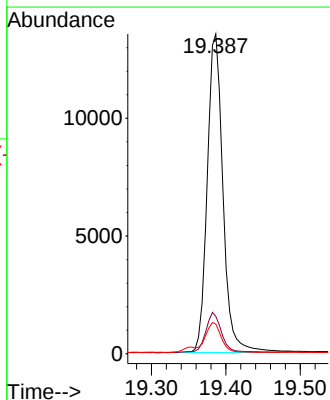
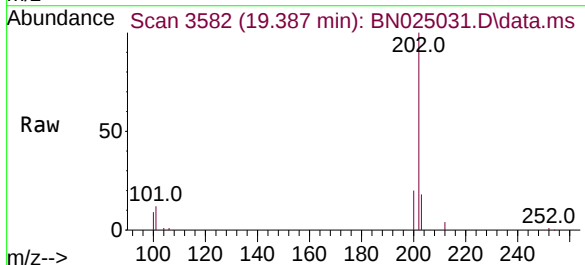
Tgt Ion:202 Resp: 19878

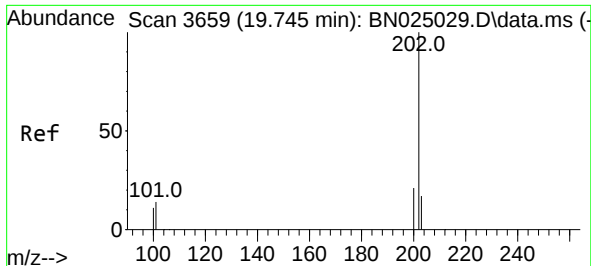
Ion Ratio Lower Upper

202 100

101 11.7 9.7 14.5

100 9.3 7.3 10.9

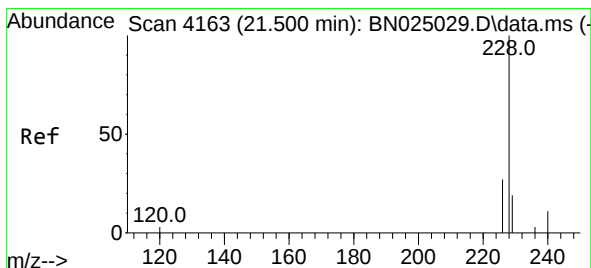
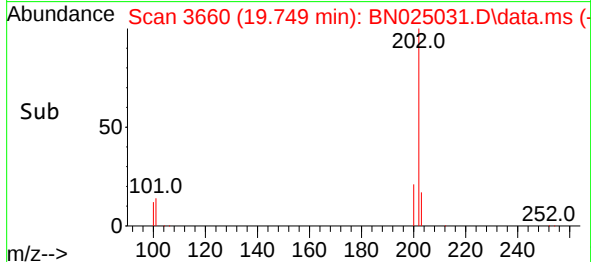
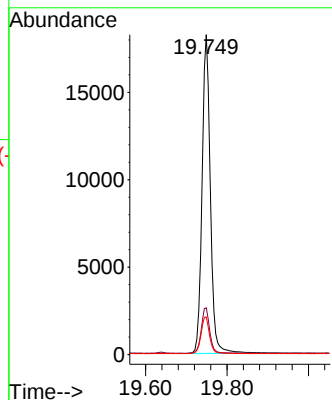
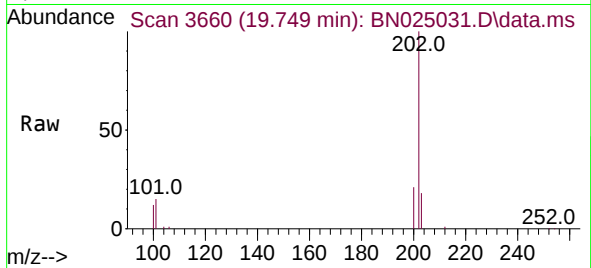




#20
Pyrene
Concen: 0.375 ng/ul
RT: 19.749 min Scan# 3660
Delta R.T. 0.004 min
Lab File: BN025031.D
Acq: 20 Apr 2023 12:27

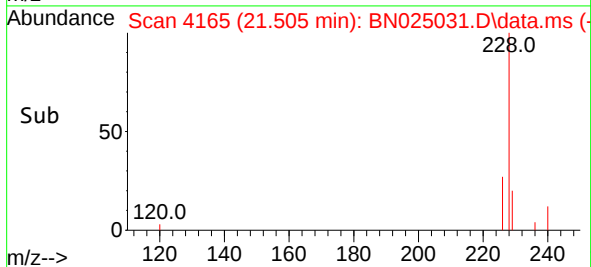
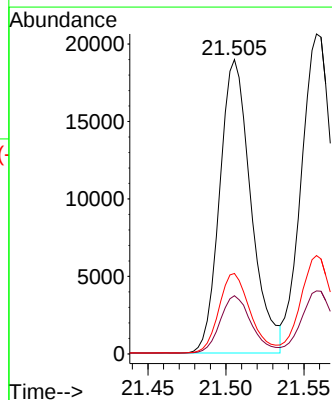
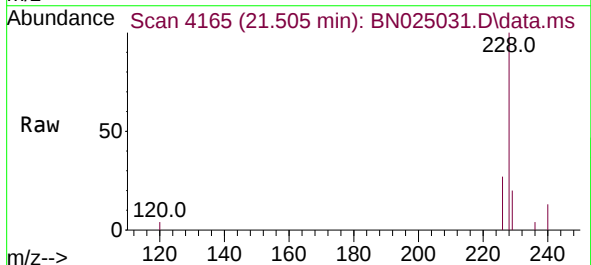
Instrument :
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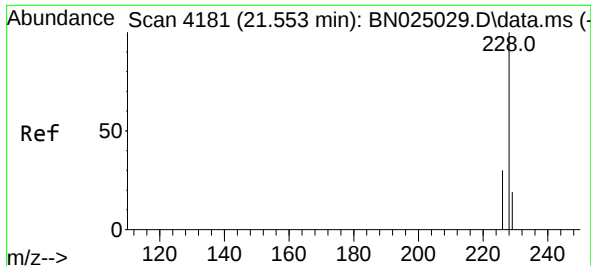
Tgt Ion:202 Resp: 25829
Ion Ratio Lower Upper
202 100
101 14.6 11.3 16.9
100 11.8 9.2 13.8



#21
Benzo(a)anthracene
Concen: 0.474 ng/ul
RT: 21.505 min Scan# 4165
Delta R.T. 0.006 min
Lab File: BN025031.D
Acq: 20 Apr 2023 12:27

Tgt Ion:228 Resp: 26483
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 27.3 22.1 33.1





#22

Chrysene

Concen: 0.488 ng/ul

RT: 21.558 min Scan# 4181

Delta R.T. 0.005 min

Lab File: BN025031.D

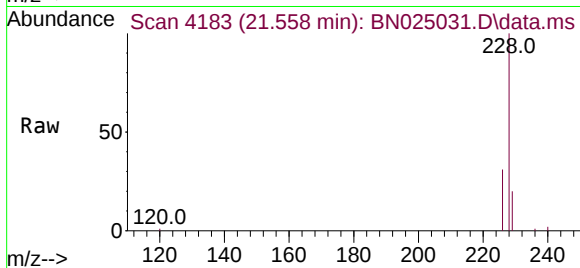
Acq: 20 Apr 2023 12:27

Instrument :

BNA_N

ClientSampleId :

DCBJ7



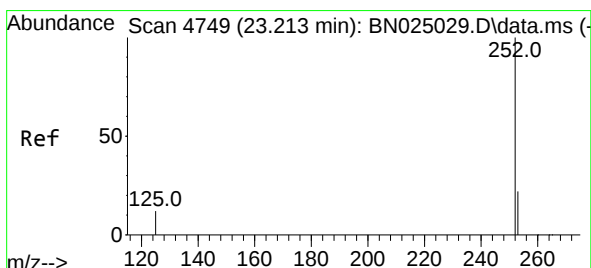
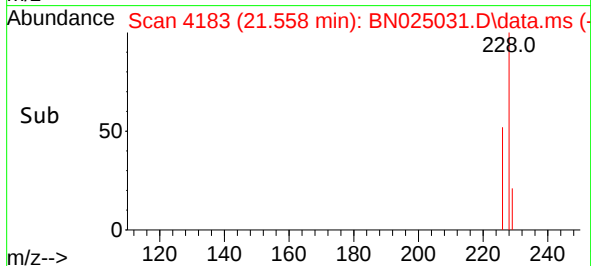
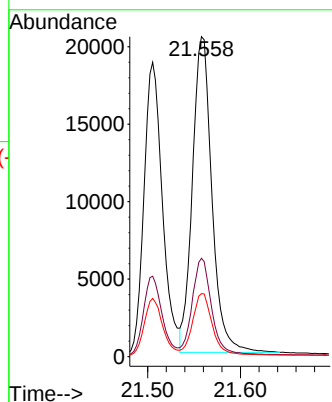
Tgt Ion:228 Resp: 29749

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

229 19.7 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 0.740 ng/ul

RT: 23.218 min Scan# 4751

Delta R.T. 0.006 min

Lab File: BN025031.D

Acq: 20 Apr 2023 12:27

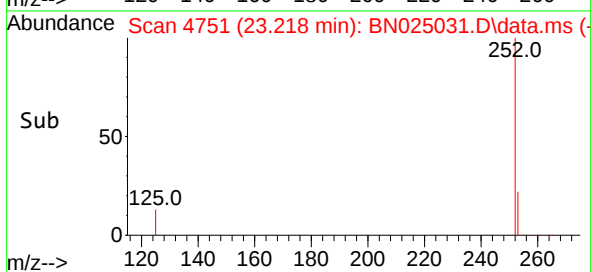
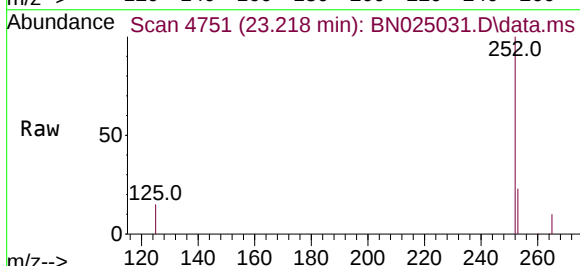
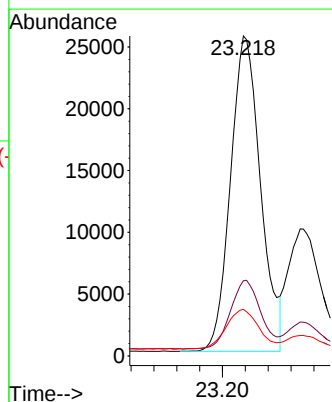
Tgt Ion:252 Resp: 46656

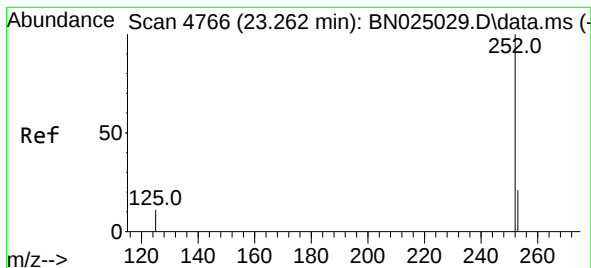
Ion Ratio Lower Upper

252 100

253 23.5 0.0 50.2

125 14.5 0.0 30.4





#25

Benzo(k)fluoranthene

Concen: 0.334 ng/ul

RT: 23.268 min Scan# 41

Delta R.T. 0.006 min

Lab File: BN025031.D

Acq: 20 Apr 2023 12:27

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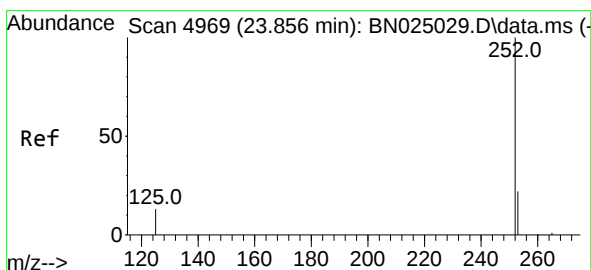
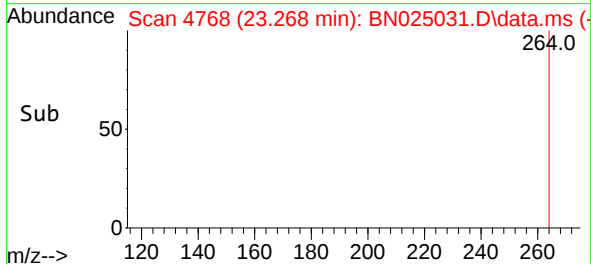
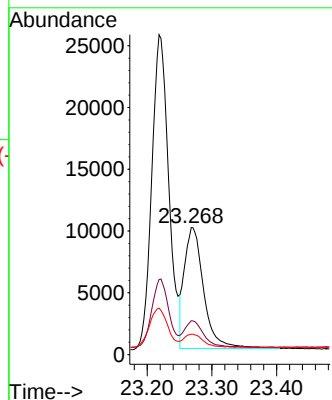
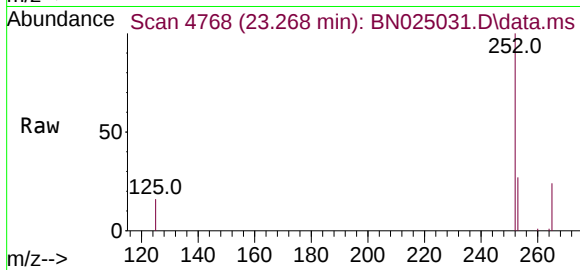
Tgt Ion:252 Resp: 20260

Ion Ratio Lower Upper

252 100

253 26.7 20.2 30.4

125 16.1 11.8 17.8



#26

Benzo(a)pyrene

Concen: 0.361 ng/ul

RT: 23.861 min Scan# 4971

Delta R.T. 0.005 min

Lab File: BN025031.D

Acq: 20 Apr 2023 12:27

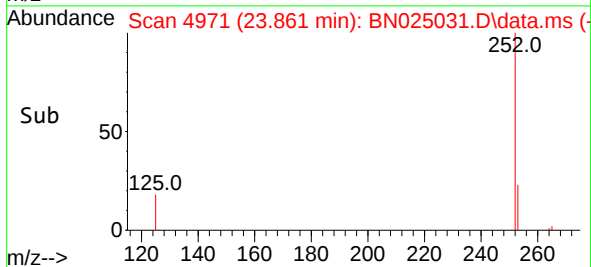
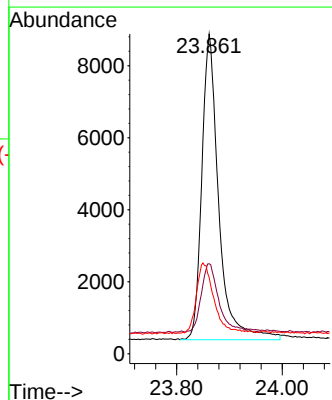
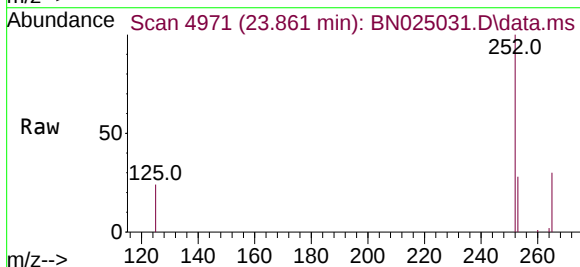
Tgt Ion:252 Resp: 18826

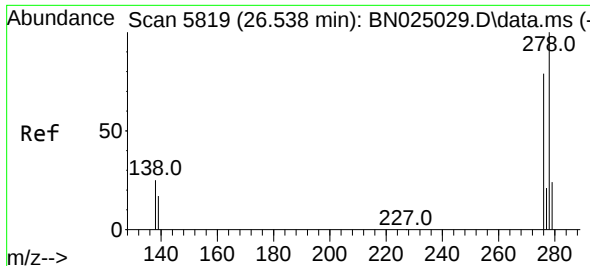
Ion Ratio Lower Upper

252 100

253 28.2 21.4 32.2

125 23.9 14.6 22.0#

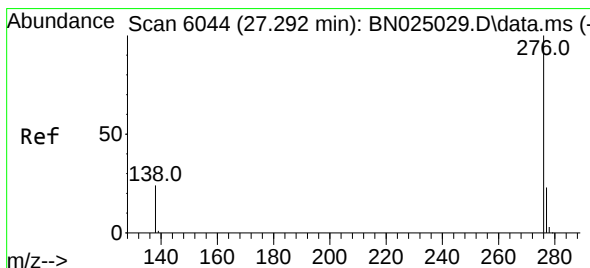
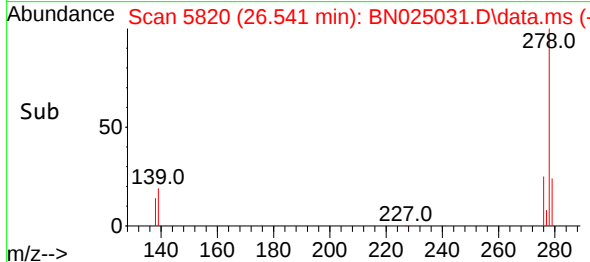
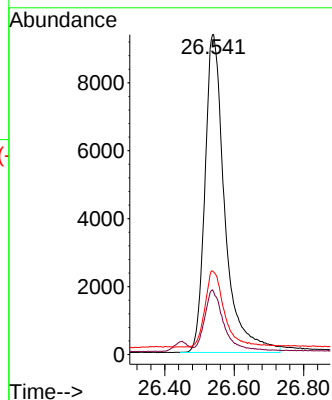
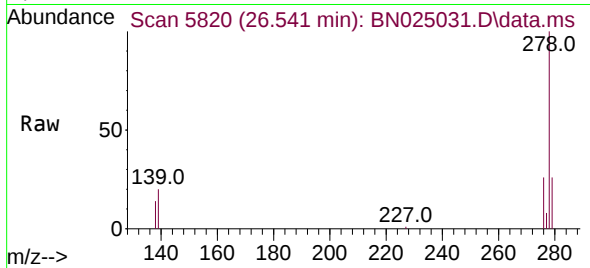




#28
Dibenzo(a,h)anthracene
Concen: 0.791 ng/ul
RT: 26.541 min Scan# 5819
Delta R.T. 0.003 min
Lab File: BN025031.D
Acq: 20 Apr 2023 12:27

Instrument :
BNA_N
ClientSampleId :
DCBJ7

Tgt Ion:278 Resp: 37156
Ion Ratio Lower Upper
278 100
139 19.6 17.0 25.6
279 25.8 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.351 ng/ul
RT: 27.305 min Scan# 6048
Delta R.T. 0.013 min
Lab File: BN025031.D
Acq: 20 Apr 2023 12:27

Tgt Ion:276 Resp: 17923
Ion Ratio Lower Upper
276 100
138 25.8 20.3 30.5
277 25.3 19.8 29.6

