

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022318.D
 Acq On : 25 Oct 2022 10:18
 Operator : CG/JU
 Sample : N5119-02DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 27 05:12:14 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:40:14 2022
 Response via : Initial Calibration

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

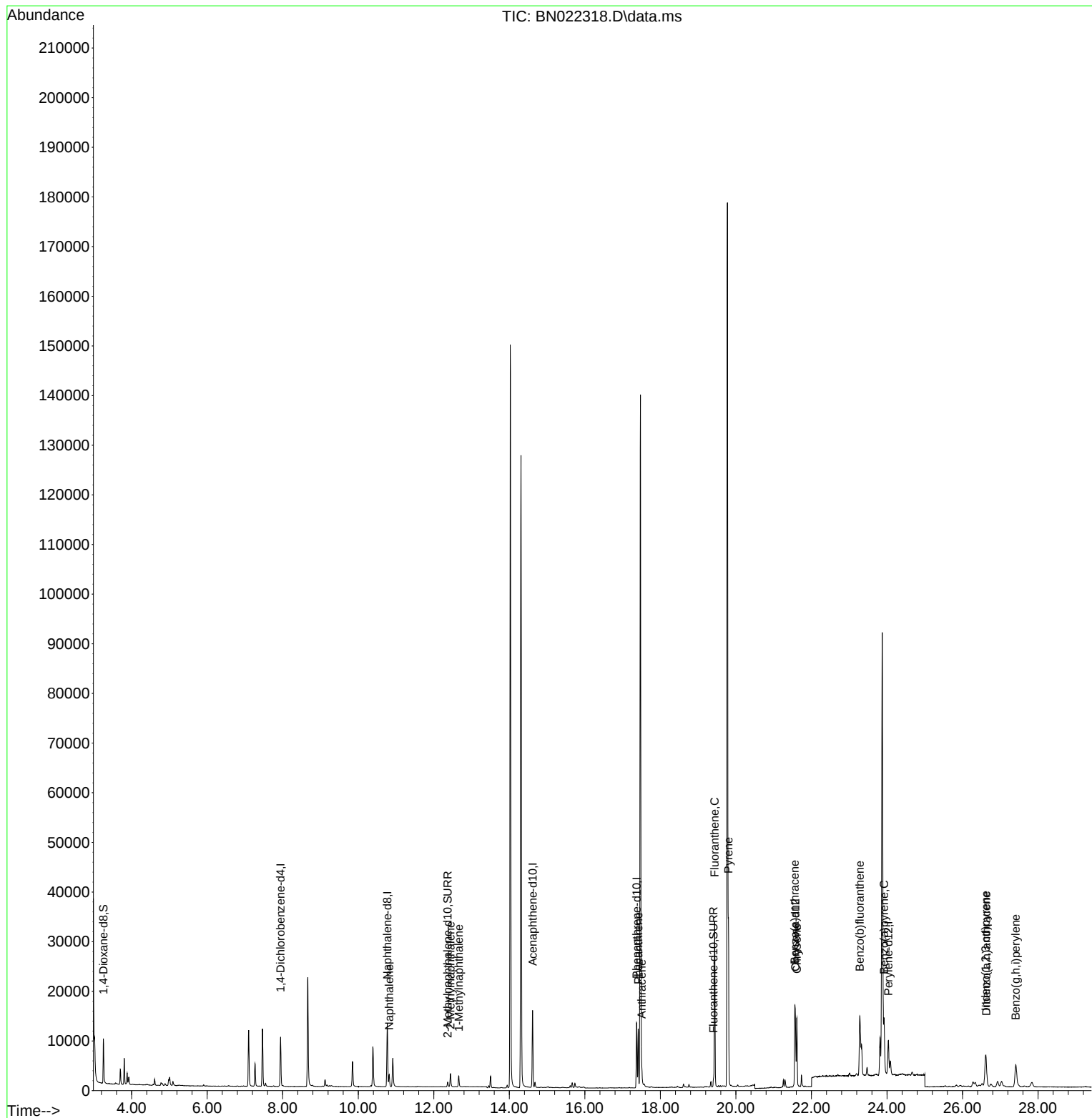
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	5171	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	17491	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	8736	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	14781	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	10098	0.400	ng/ul	0.00
23) Perylene-d12	24.037	264	9336	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	5556	0.827	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	1295	0.049	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	1791	0.053	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	3361	0.065	ng/ul#	95
7) 2-Methylnaphthalene	12.444	142	2101	0.065	ng/ul	100
8) 1-Methylnaphthalene	12.664	142	1626	0.049	ng/ul	99
15) Phenanthrene	17.412	178	12246	0.247	ng/ul	99
16) Anthracene	17.505	178	2312	0.055	ng/ul#	92
19) Fluoranthene	19.435	202	28274	0.611	ng/ul	100
20) Pyrene	19.802	202	25620	0.551	ng/ul	99
21) Benzo(a)anthracene	21.559	228	12715	0.336	ng/ul	97
22) Chrysene	21.614	228	14104	0.352	ng/ul	97
24) Benzo(b)fluoranthene	23.280	252	29064	0.620	ng/ul	94
26) Benzo(a)pyrene	23.923	252	14406	0.385	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.612	276	11453	0.246	ng/ul	92
28) Dibenzo(a,h)anthracene	26.628	278	2551	0.069	ng/ul#	67
29) Benzo(g,h,i)perylene	27.410	276	10082	0.266	ng/ul	97

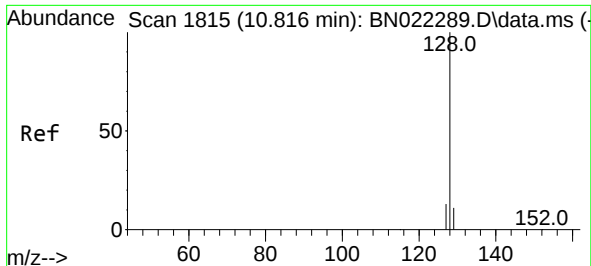
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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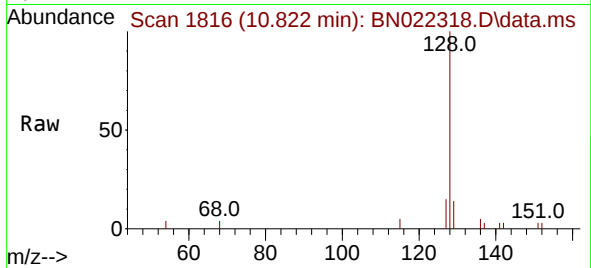
Quant Time: Oct 27 05:12:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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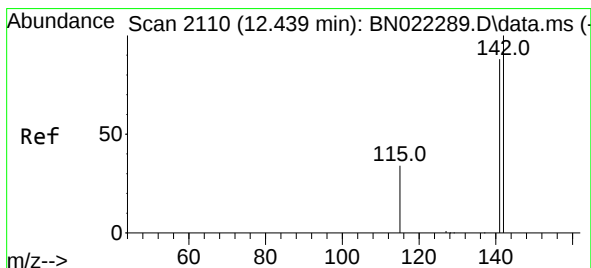
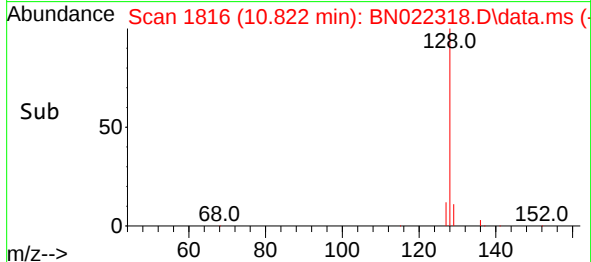
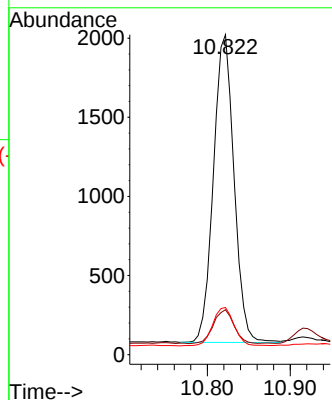


#5
Naphthalene
Concen: 0.065 ng/ul
RT: 10.822 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BN022318.D
Acq: 25 Oct 2022 10:18

Instrument :
BNA_N
ClientSampleId :

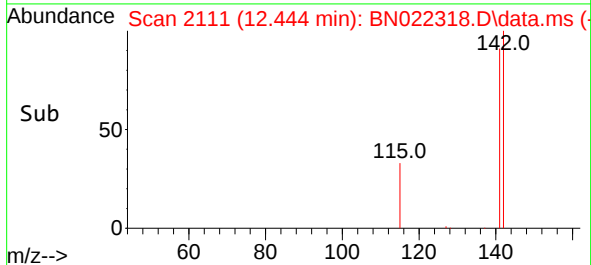
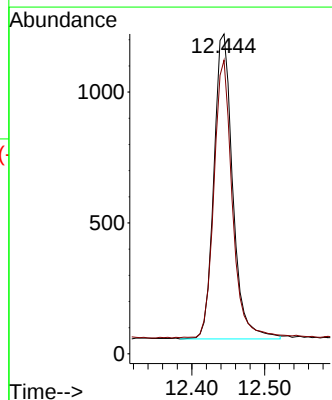
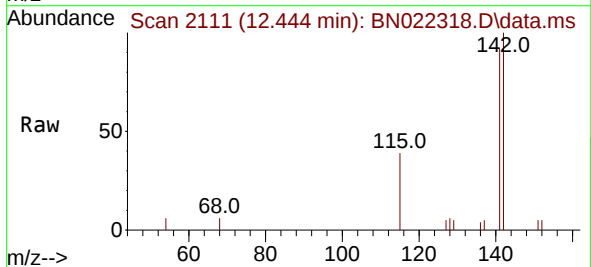


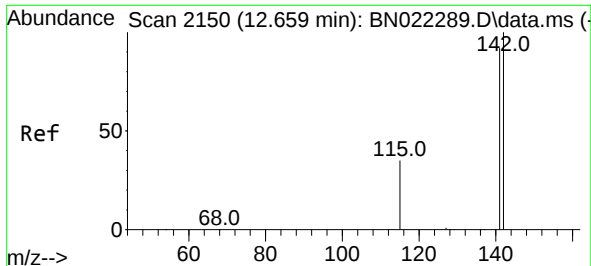
Tgt Ion:128 Resp: 3361
Ion Ratio Lower Upper
128 100
129 14.0 9.3 13.9#
127 14.7 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN022318.D
Acq: 25 Oct 2022 10:18

Tgt Ion:142 Resp: 2101
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7

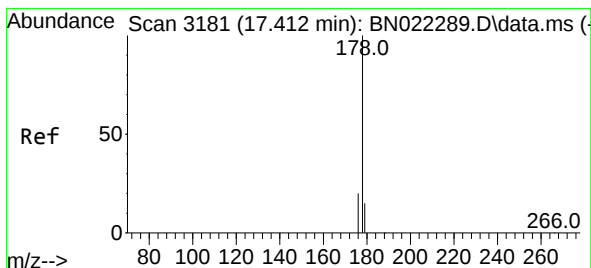
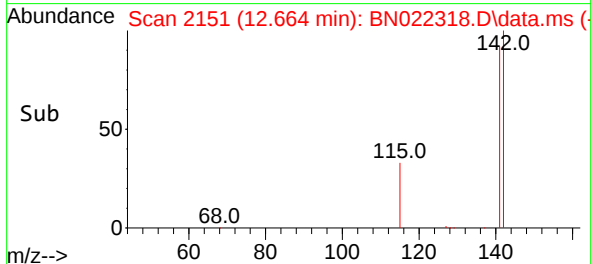
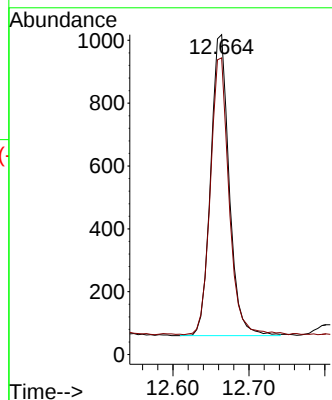
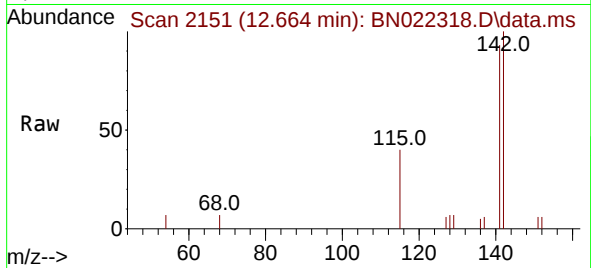




#8
1-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 12.664 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BN022318.D
Acq: 25 Oct 2022 10:18

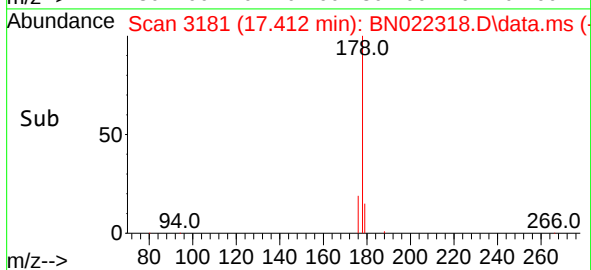
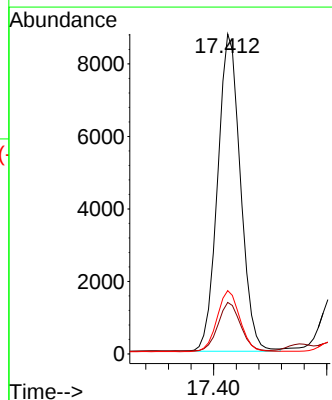
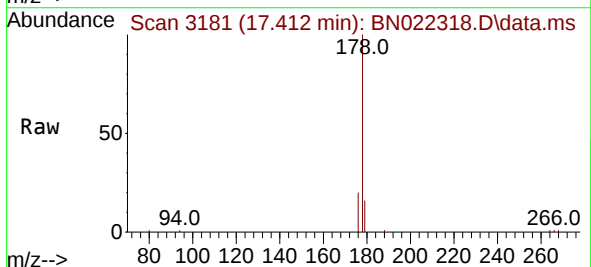
Instrument :
BNA_N
ClientSampleId :

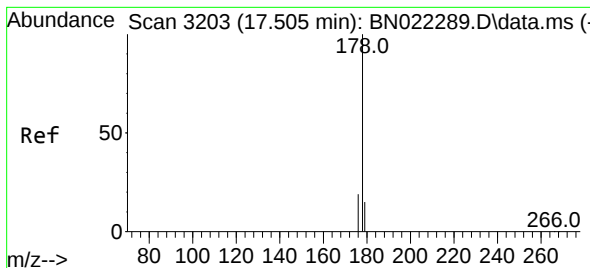
Tgt Ion:142 Resp: 1626
Ion Ratio Lower Upper
142 100
141 92.4 73.3 109.9



#15
Phenanthrene
Concen: 0.247 ng/ul
RT: 17.412 min Scan# 3181
Delta R.T. -0.004 min
Lab File: BN022318.D
Acq: 25 Oct 2022 10:18

Tgt Ion:178 Resp: 12246
Ion Ratio Lower Upper
178 100
179 16.1 12.7 19.1
176 19.8 15.4 23.2





#16

Anthracene

Concen: 0.055 ng/ul

RT: 17.505 min Scan# 31

Delta R.T. -0.004 min

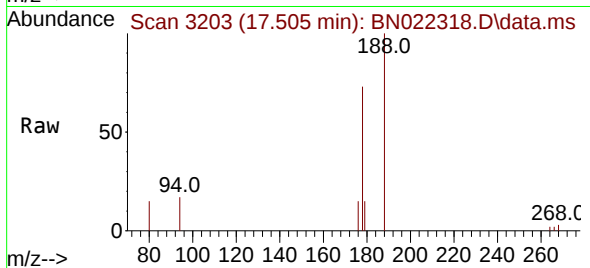
Lab File: BN022318.D

Acq: 25 Oct 2022 10:18

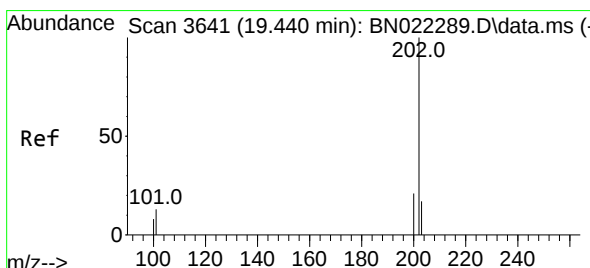
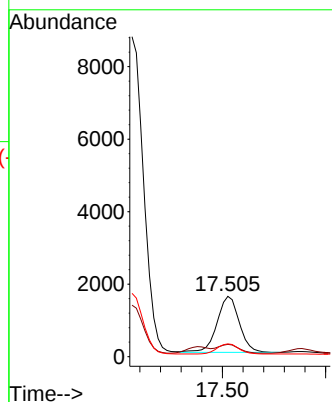
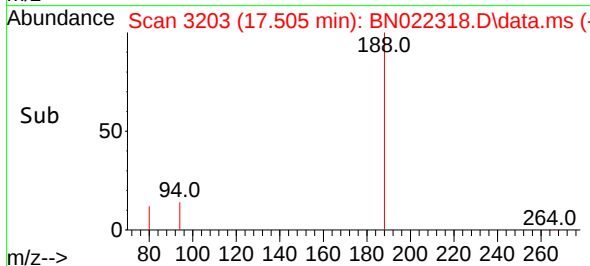
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	178	Resp:	2312
Ion Ratio	Lower	Upper	
178	100		
179	20.5	12.6	18.8#
176	21.3	15.0	22.6



#19

Fluoranthene

Concen: 0.611 ng/ul

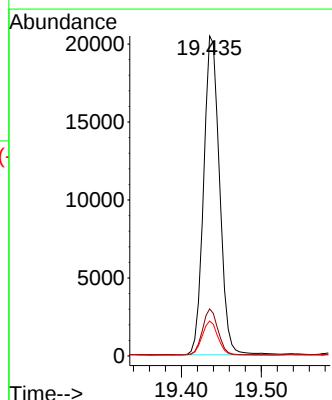
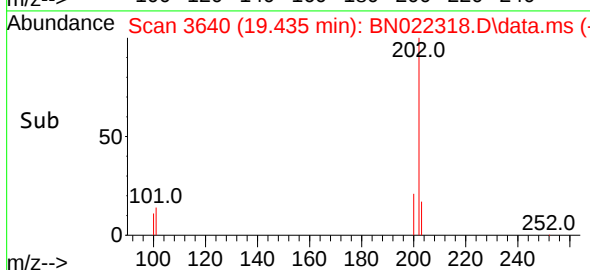
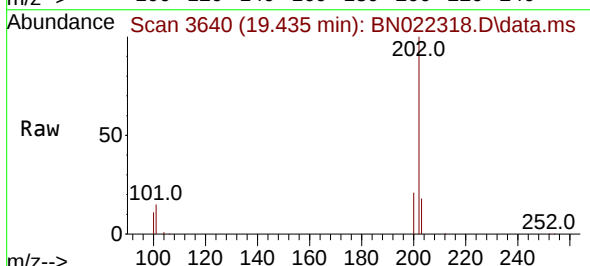
RT: 19.435 min Scan# 3640

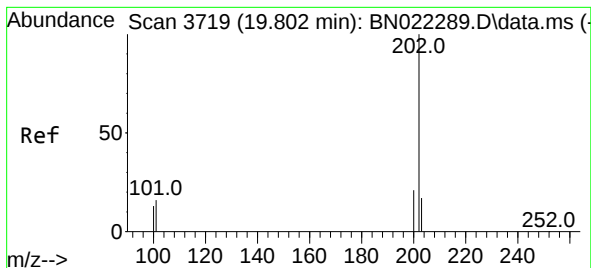
Delta R.T. -0.005 min

Lab File: BN022318.D

Acq: 25 Oct 2022 10:18

Tgt Ion:	202	Resp:	28274
Ion Ratio	Lower	Upper	
202	100		
101	14.7	11.8	17.6
100	10.9	8.7	13.1





#20

Pyrene

Concen: 0.551 ng/ul

RT: 19.802 min Scan# 3719

Delta R.T. 0.000 min

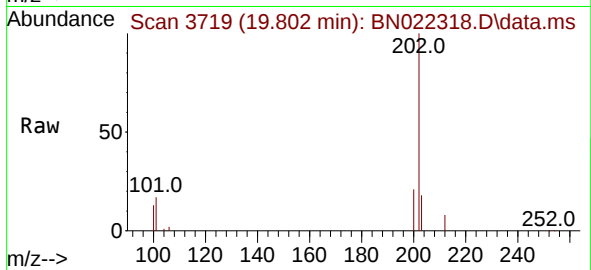
Lab File: BN022318.D

Acq: 25 Oct 2022 10:18

Instrument :

BNA_N

ClientSampleId :



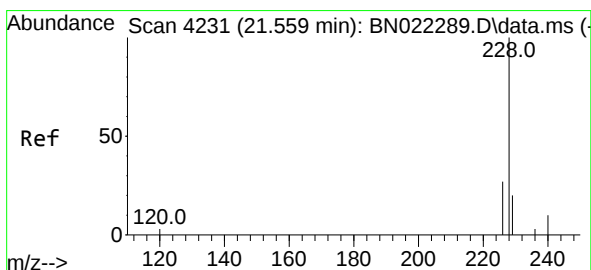
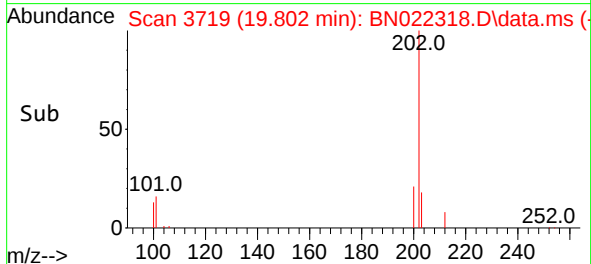
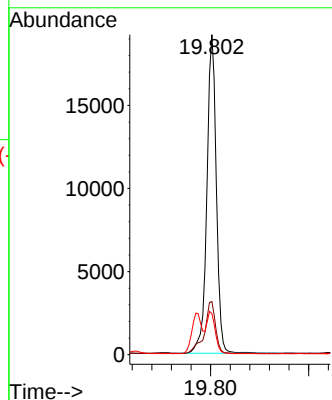
Tgt Ion:202 Resp: 25620

Ion Ratio Lower Upper

202 100

101 16.6 13.1 19.7

100 12.9 10.6 16.0



#21

Benzo(a)anthracene

Concen: 0.336 ng/ul

RT: 21.559 min Scan# 4231

Delta R.T. 0.000 min

Lab File: BN022318.D

Acq: 25 Oct 2022 10:18

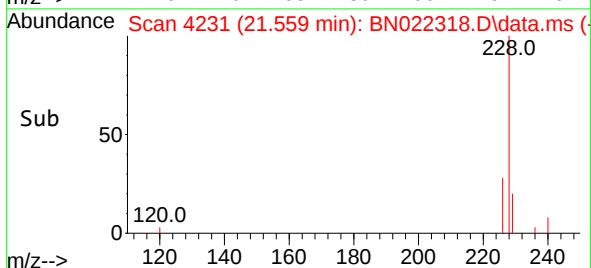
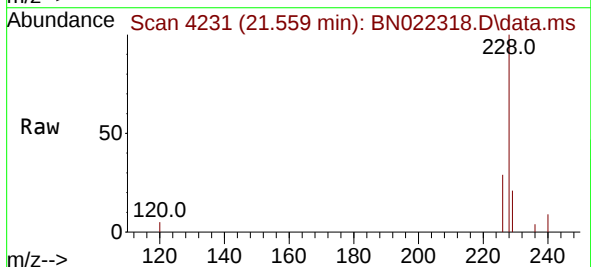
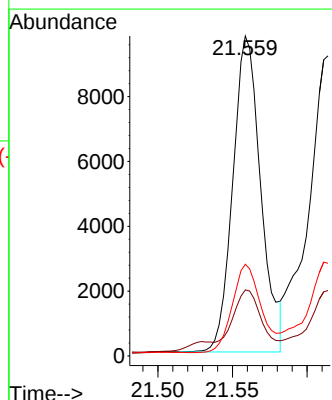
Tgt Ion:228 Resp: 12715

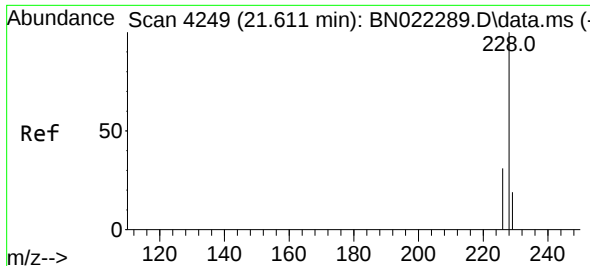
Ion Ratio Lower Upper

228 100

229 20.7 15.7 23.5

226 28.7 21.5 32.3





#22

Chrysene

Concen: 0.352 ng/ul

RT: 21.614 min Scan# 41

Delta R.T. 0.003 min

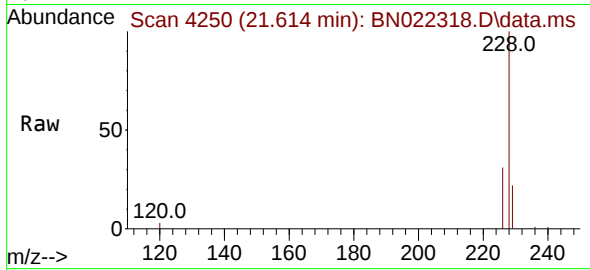
Lab File: BN022318.D

Acq: 25 Oct 2022 10:18

Instrument :

BNA_N

ClientSampleId :



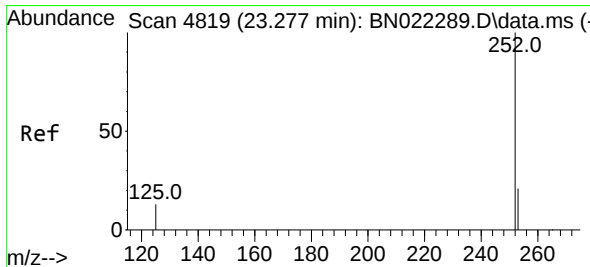
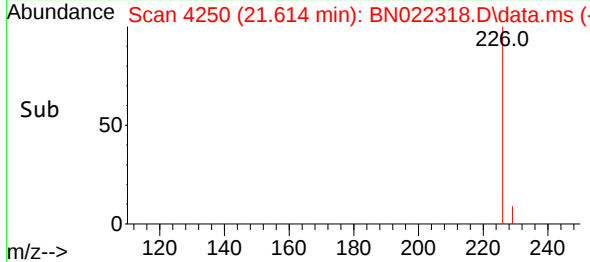
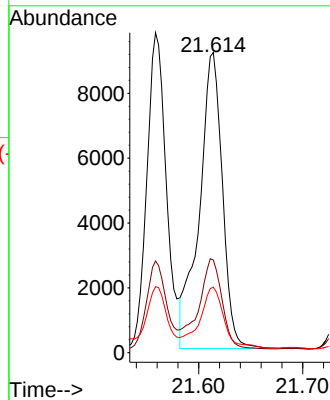
Tgt Ion:228 Resp: 14104

Ion Ratio Lower Upper

228 100

226 30.8 23.9 35.9

229 21.8 15.9 23.9



#24

Benzo(b)fluoranthene

Concen: 0.620 ng/ul

RT: 23.280 min Scan# 4820

Delta R.T. 0.003 min

Lab File: BN022318.D

Acq: 25 Oct 2022 10:18

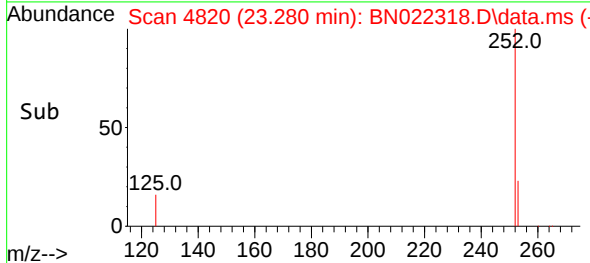
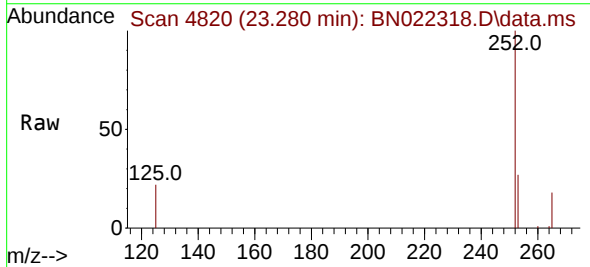
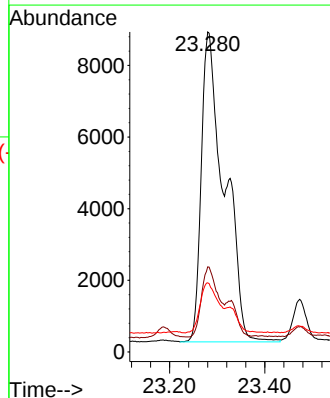
Tgt Ion:252 Resp: 29064

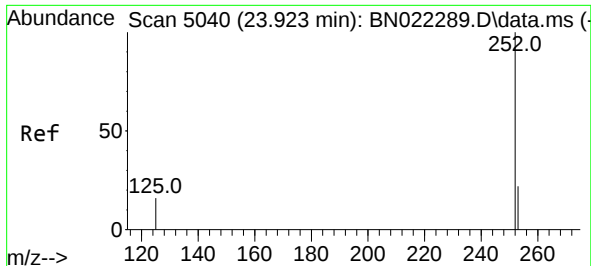
Ion Ratio Lower Upper

252 100

253 26.6 0.0 49.0

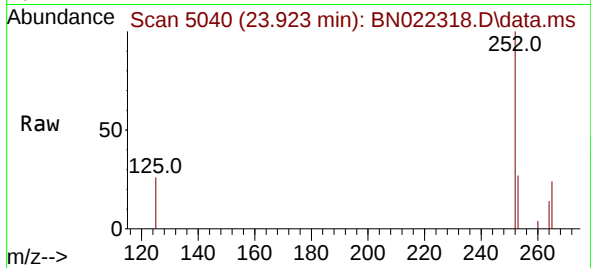
125 21.6 0.0 35.2



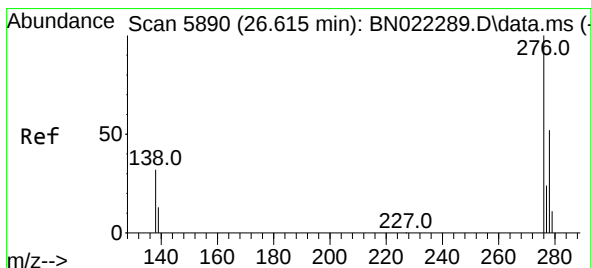
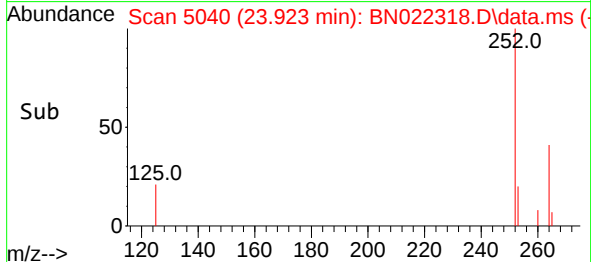
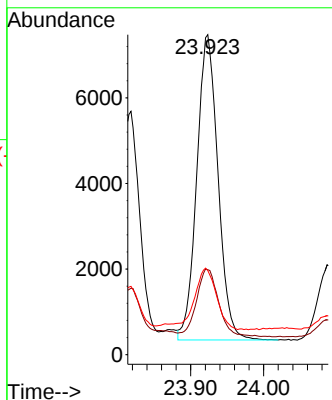


#26
Benzo(a)pyrene
Concen: 0.385 ng/ul
RT: 23.923 min Scan# 5040
Delta R.T. 0.003 min
Lab File: BN022318.D
Acq: 25 Oct 2022 10:18

Instrument :
BNA_N
ClientSampleId :

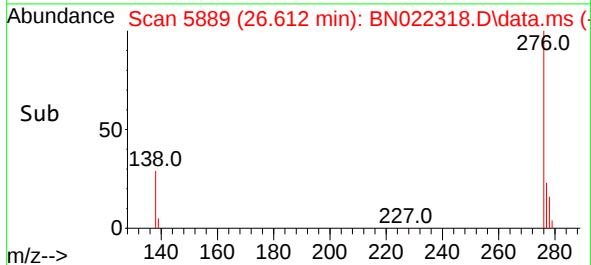
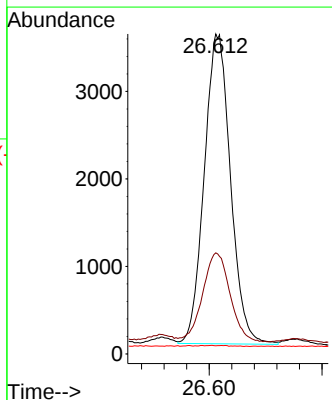
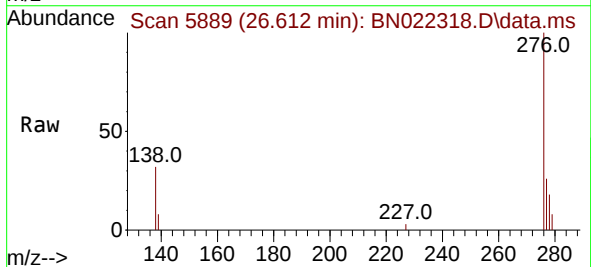


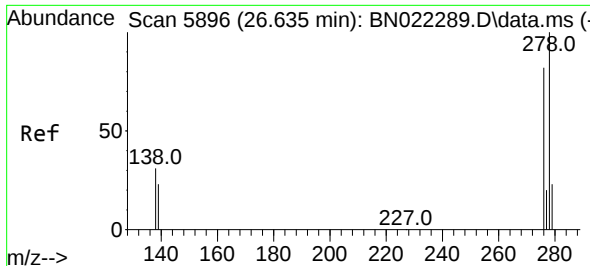
Tgt Ion:252 Resp: 14406
Ion Ratio Lower Upper
252 100
253 26.5 21.0 31.6
125 26.3 17.9 26.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.246 ng/ul
RT: 26.612 min Scan# 5889
Delta R.T. -0.003 min
Lab File: BN022318.D
Acq: 25 Oct 2022 10:18

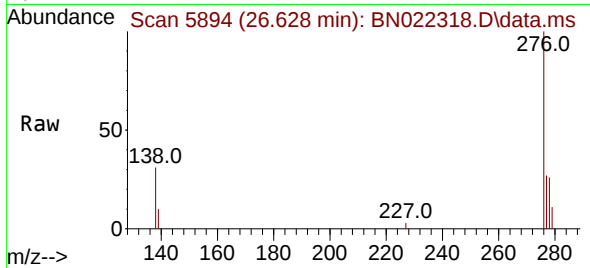
Tgt Ion:276 Resp: 11453
Ion Ratio Lower Upper
276 100
138 29.8 27.7 41.5
227 0.2 0.2 0.2



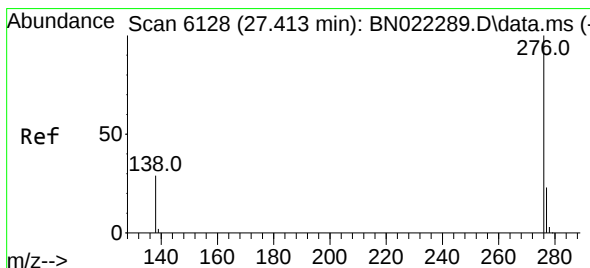
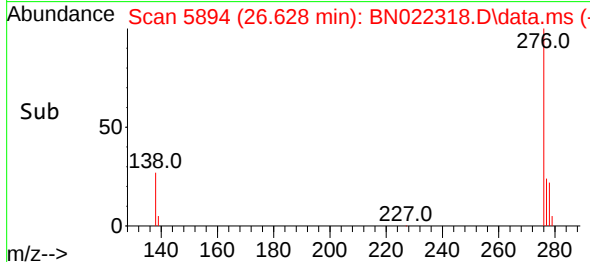
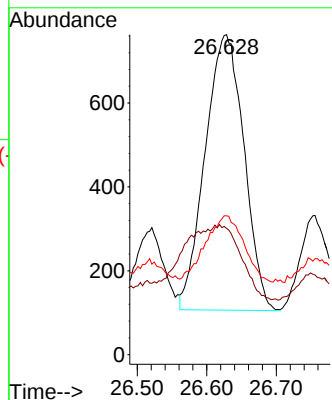


#28
Dibenzo(a,h)anthracene
Concen: 0.069 ng/ul
RT: 26.628 min Scan# 5894
Delta R.T. -0.010 min
Lab File: BN022318.D
Acq: 25 Oct 2022 10:18

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 2551
Ion Ratio Lower Upper
278 100
139 39.4 19.6 29.4#
279 43.4 20.6 30.8#



#29
Benzo(g,h,i)perylene
Concen: 0.266 ng/ul
RT: 27.410 min Scan# 6127
Delta R.T. 0.000 min
Lab File: BN022318.D
Acq: 25 Oct 2022 10:18

Tgt Ion:276 Resp: 10082
Ion Ratio Lower Upper
276 100
138 33.3 25.2 37.8
277 26.7 19.9 29.9

