

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022320.D
 Acq On : 25 Oct 2022 11:33
 Operator : CG/JU
 Sample : N5070-07DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 27 05:12:44 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)

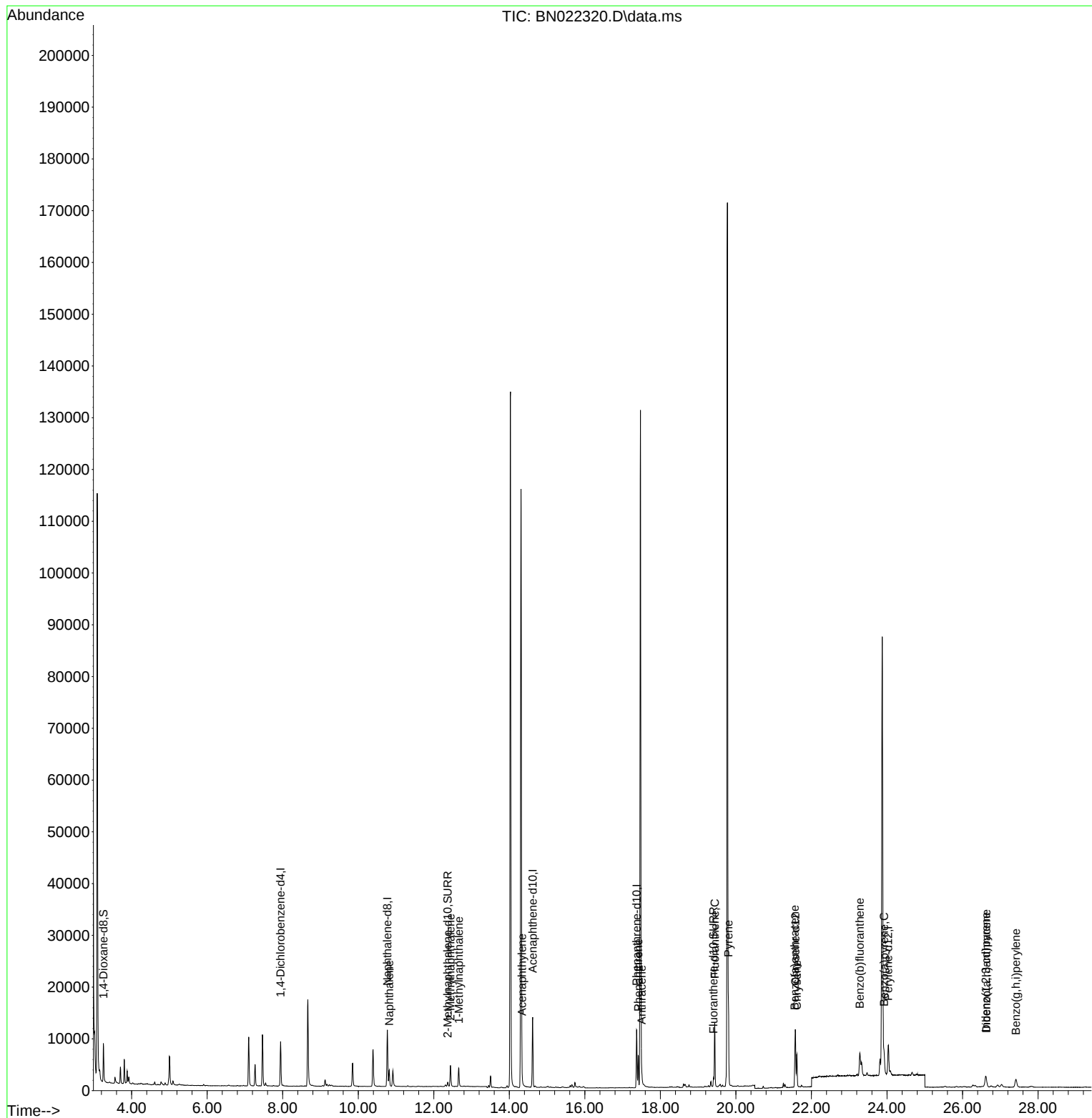
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	4472	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	14948	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.618	164	7421	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	12674	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	8756	0.400	ng/ul	0.00
23) Perylene-d12	24.034	264	8015	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	4678	0.805	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	1201	0.053	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	1731	0.059	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	4370	0.099	ng/ul	96
7) 2-Methylnaphthalene	12.444	142	3197	0.115	ng/ul	99
8) 1-Methylnaphthalene	12.664	142	2650	0.093	ng/ul	100
10) Acenaphthylene	14.336	152	690	0.021	ng/ul#	66
15) Phenanthrene	17.412	178	6511	0.153	ng/ul	98
16) Anthracene	17.505	178	920	0.026	ng/ul#	80
19) Fluoranthene	19.440	202	10367	0.258	ng/ul	100
20) Pyrene	19.802	202	11988	0.298	ng/ul	98
21) Benzo(a)anthracene	21.558	228	4726	0.144	ng/ul	93
22) Chrysene	21.614	228	6431	0.185	ng/ul	96
24) Benzo(b)fluoranthene	23.280	252	9916	0.246	ng/ul	77
26) Benzo(a)pyrene	23.923	252	4917	0.153	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	26.618	276	3565	0.089	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.628	278	1039	0.033	ng/ul#	41
29) Benzo(g,h,i)perylene	27.416	276	3402	0.105	ng/ul	90

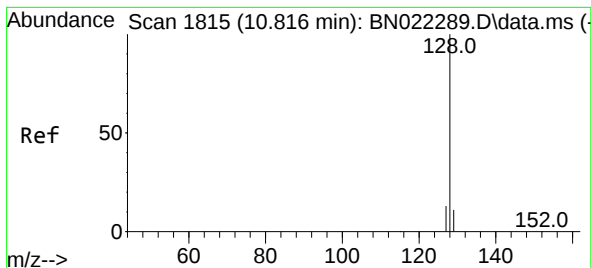
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.099 ng/ul

RT: 10.822 min Scan# 1816

Delta R.T. -0.000 min

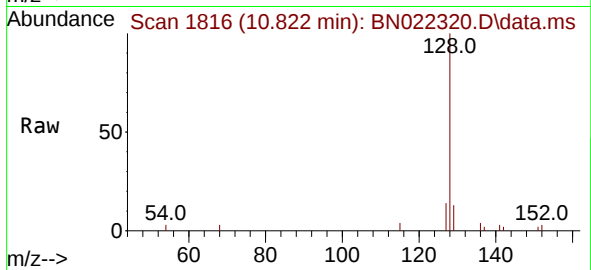
Lab File: BN022320.D

Acq: 25 Oct 2022 11:33

Instrument :

BNA_N

ClientSampleId :



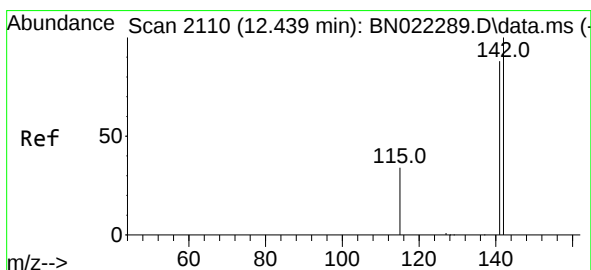
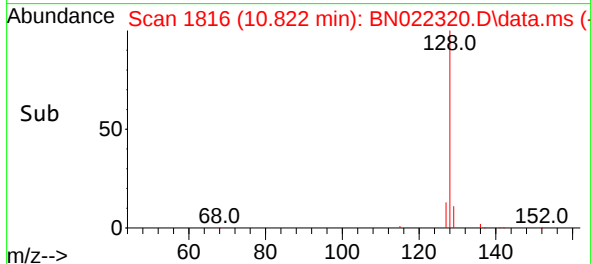
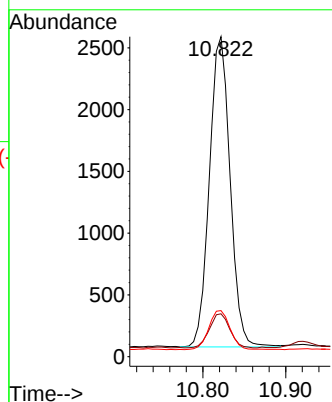
Tgt Ion:128 Resp: 4370

Ion Ratio Lower Upper

128 100

129 13.4 9.3 13.9

127 14.4 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.115 ng/ul

RT: 12.444 min Scan# 2111

Delta R.T. -0.000 min

Lab File: BN022320.D

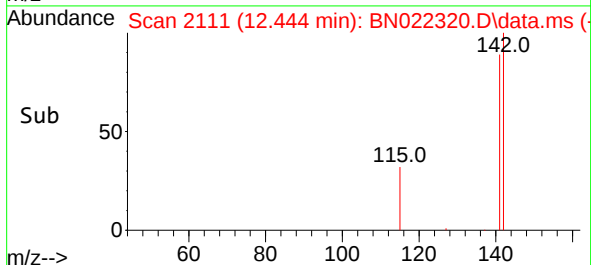
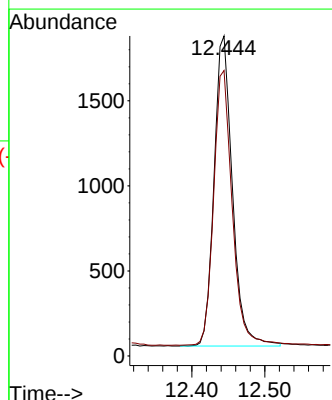
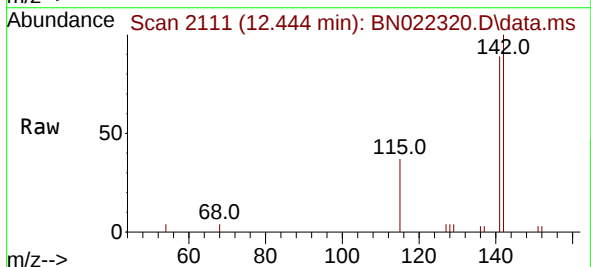
Acq: 25 Oct 2022 11:33

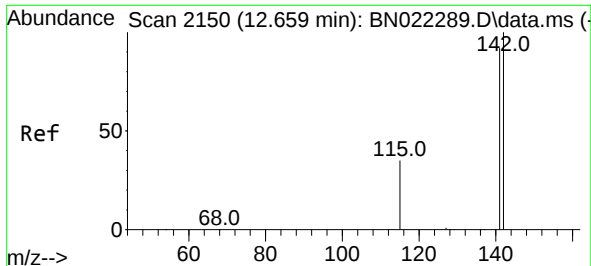
Tgt Ion:142 Resp: 3197

Ion Ratio Lower Upper

142 100

141 89.4 71.1 106.7

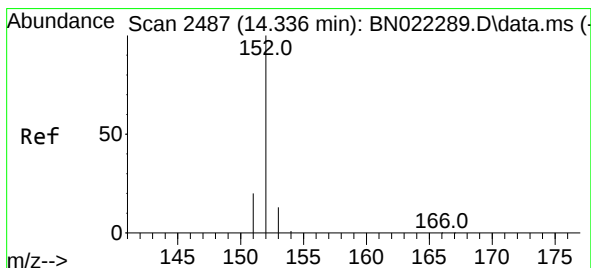
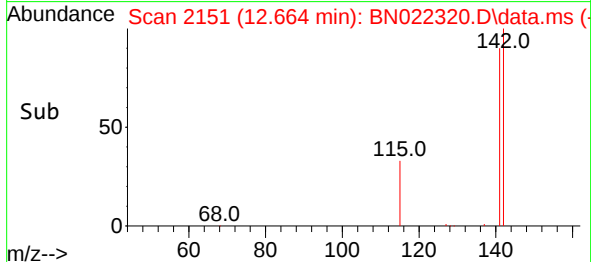
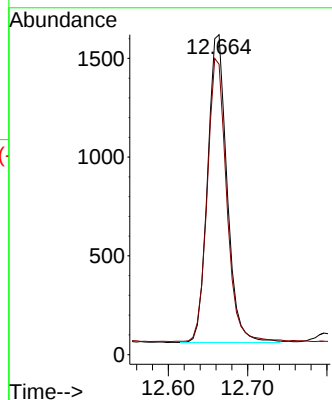
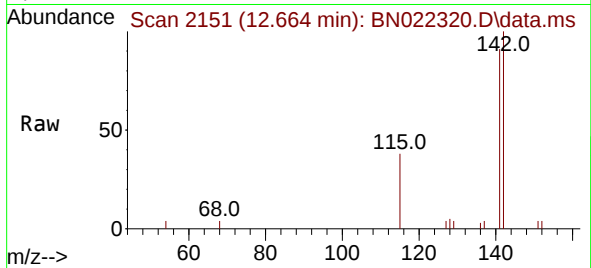




#8
1-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BN022320.D
Acq: 25 Oct 2022 11:33

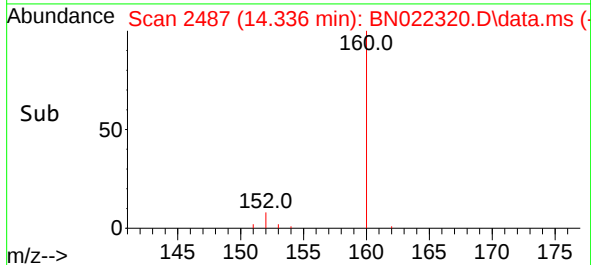
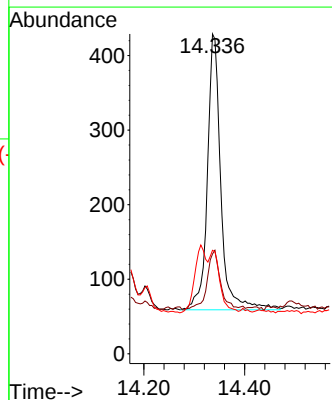
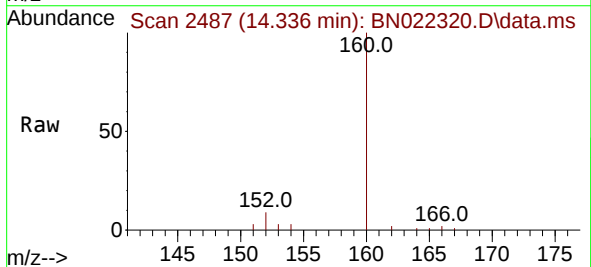
Instrument :
BNA_N
ClientSampleId :

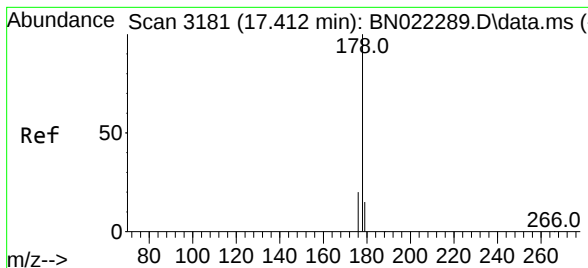
Tgt Ion:142 Resp: 2650
Ion Ratio Lower Upper
142 100
141 91.7 73.3 109.9



#10
Acenaphthylene
Concen: 0.021 ng/ul
RT: 14.336 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BN022320.D
Acq: 25 Oct 2022 11:33

Tgt Ion:152 Resp: 690
Ion Ratio Lower Upper
152 100
151 31.2 15.9 23.9#
153 32.4 10.8 16.2#





#15

Phenanthrene

Concen: 0.153 ng/ul

RT: 17.412 min Scan# 3181

Delta R.T. -0.004 min

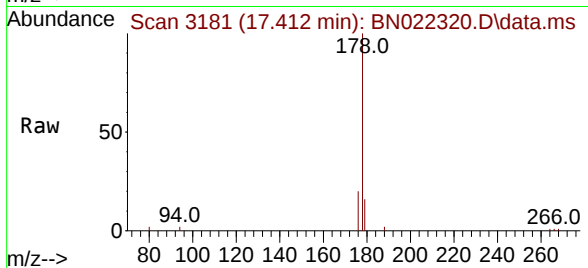
Lab File: BN022320.D

Acq: 25 Oct 2022 11:33

Instrument :

BNA_N

ClientSampleId :



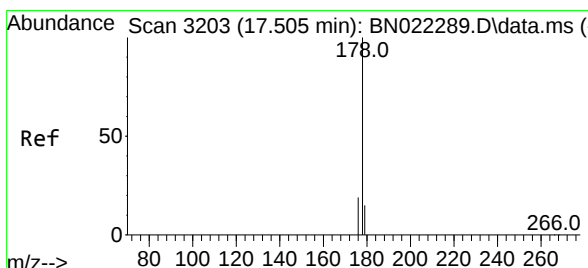
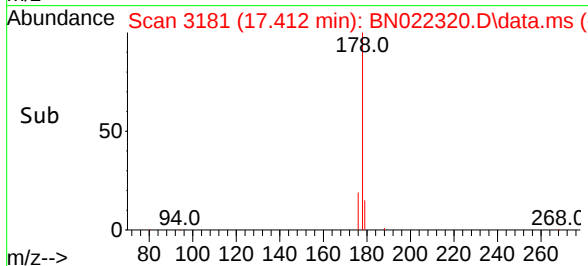
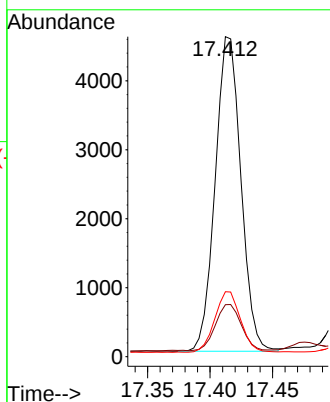
Tgt Ion:178 Resp: 6511

Ion Ratio Lower Upper

178 100

179 16.3 12.7 19.1

176 20.3 15.4 23.2



#16

Anthracene

Concen: 0.026 ng/ul

RT: 17.505 min Scan# 3203

Delta R.T. -0.004 min

Lab File: BN022320.D

Acq: 25 Oct 2022 11:33

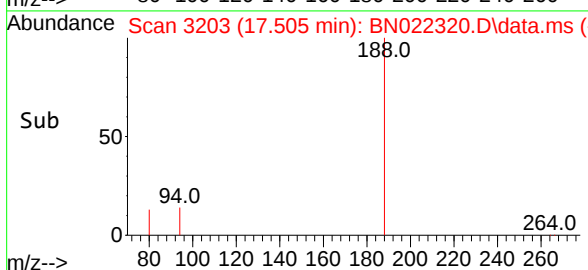
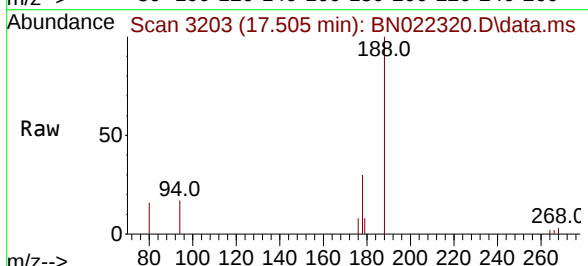
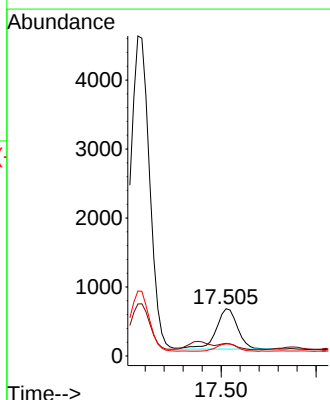
Tgt Ion:178 Resp: 920

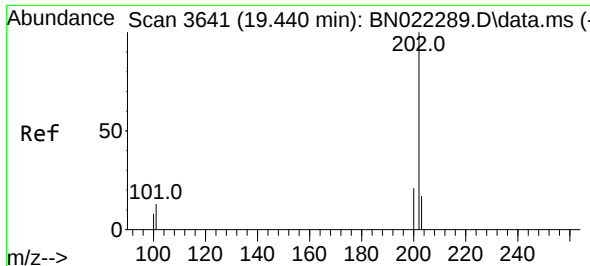
Ion Ratio Lower Upper

178 100

179 26.7 12.6 18.8#

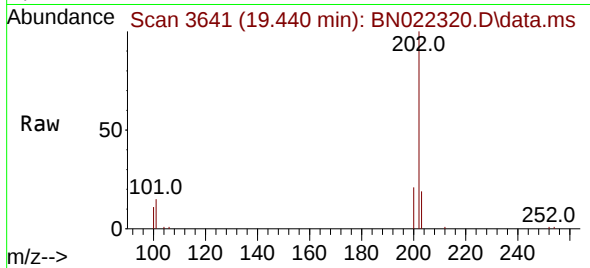
176 25.5 15.0 22.6#



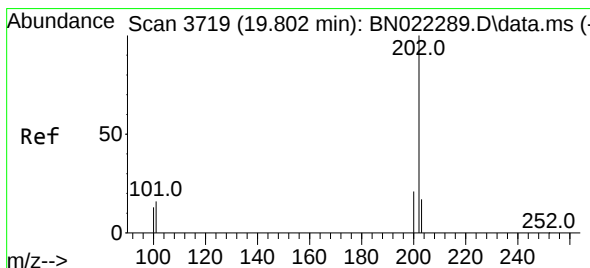
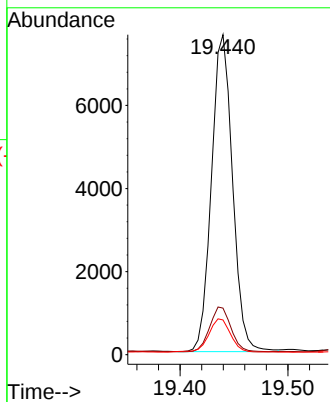
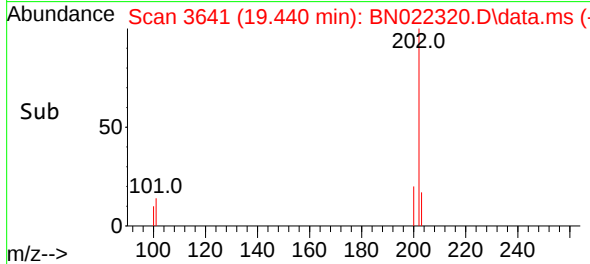


#19
Fluoranthene
Concen: 0.258 ng/ul
RT: 19.440 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BN022320.D
Acq: 25 Oct 2022 11:33

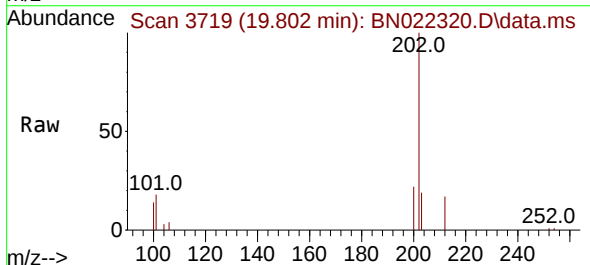
Instrument :
BNA_N
ClientSampleId :



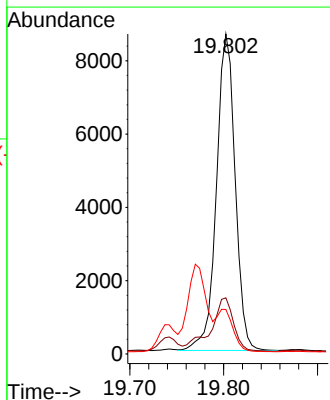
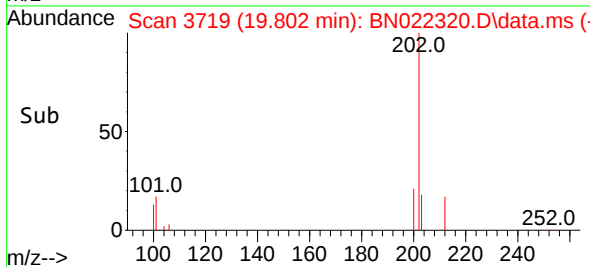
Tgt Ion:202 Resp: 10367
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.6
100 10.9 8.7 13.1

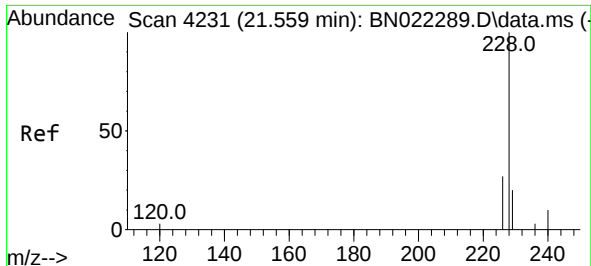


#20
Pyrene
Concen: 0.298 ng/ul
RT: 19.802 min Scan# 3719
Delta R.T. -0.000 min
Lab File: BN022320.D
Acq: 25 Oct 2022 11:33



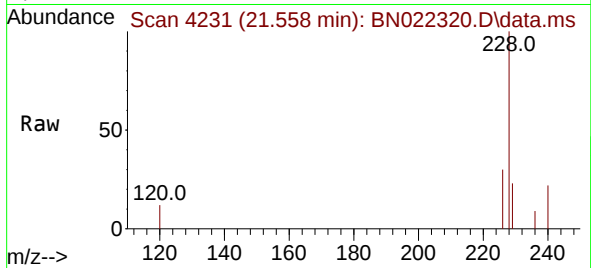
Tgt Ion:202 Resp: 11988
Ion Ratio Lower Upper
202 100
101 17.6 13.1 19.7
100 13.9 10.6 16.0



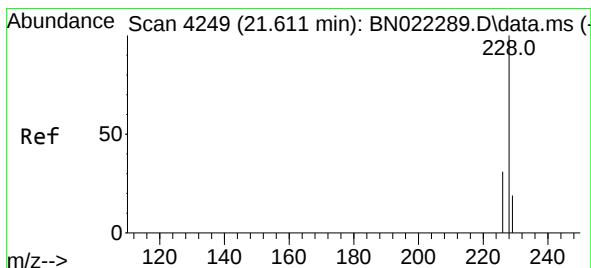
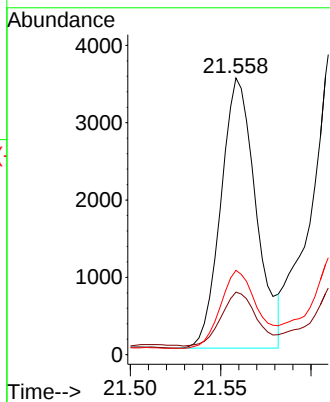
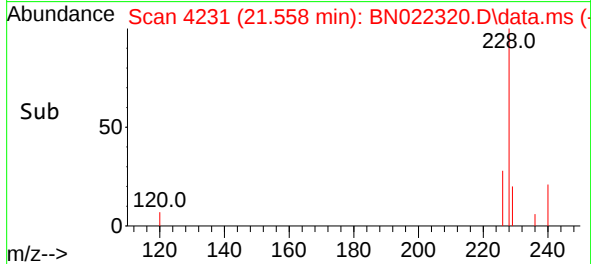


#21
Benzo(a)anthracene
Concen: 0.144 ng/ul
RT: 21.558 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN022320.D
Acq: 25 Oct 2022 11:33

Instrument :
BNA_N
ClientSampleId :

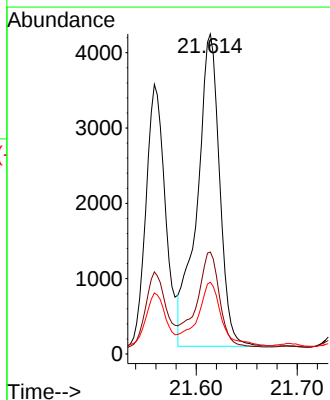
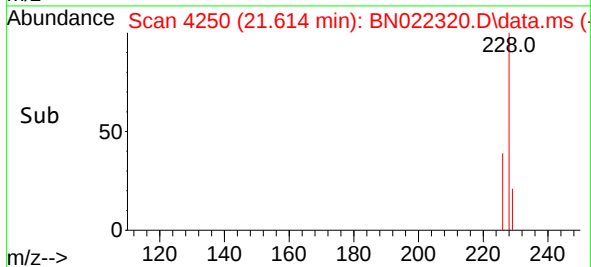
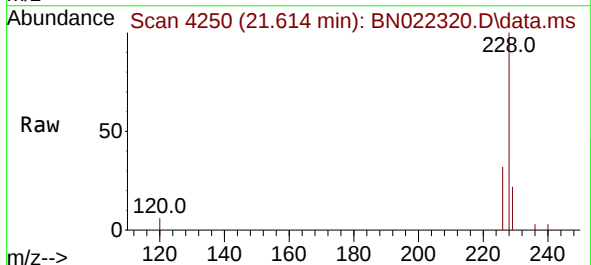


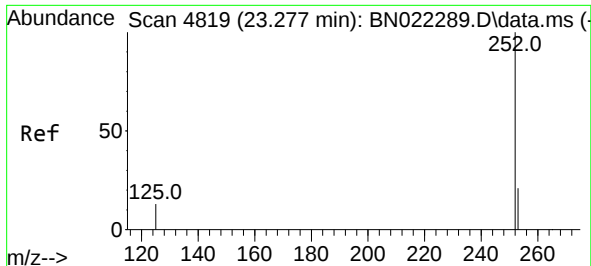
Tgt Ion:228 Resp: 4726
Ion Ratio Lower Upper
228 100
229 22.6 15.7 23.5
226 30.5 21.5 32.3



#22
Chrysene
Concen: 0.185 ng/ul
RT: 21.614 min Scan# 4250
Delta R.T. 0.003 min
Lab File: BN022320.D
Acq: 25 Oct 2022 11:33

Tgt Ion:228 Resp: 6431
Ion Ratio Lower Upper
228 100
226 31.9 23.9 35.9
229 22.4 15.9 23.9

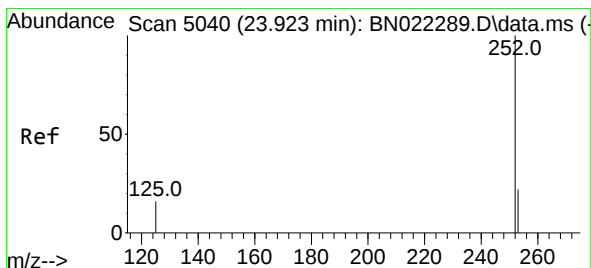
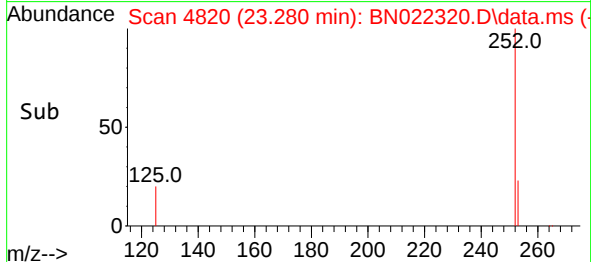
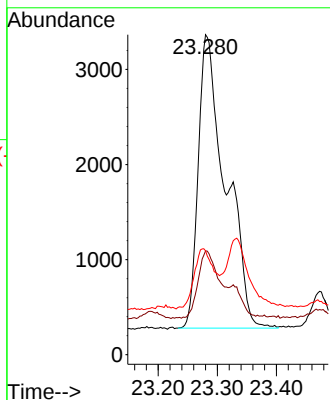
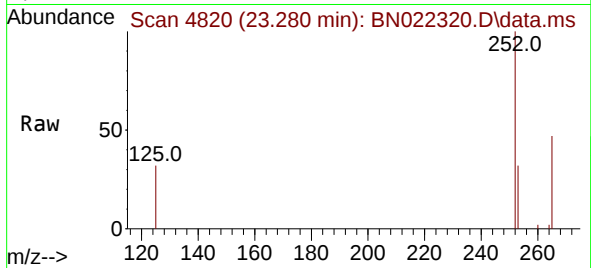




#24
Benzo(b)fluoranthene
Concen: 0.246 ng/ul
RT: 23.280 min Scan# 4819
Delta R.T. 0.003 min
Lab File: BN022320.D
Acq: 25 Oct 2022 11:33

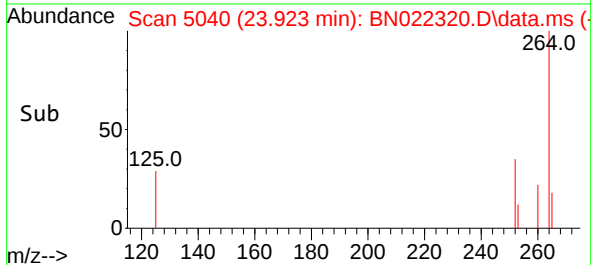
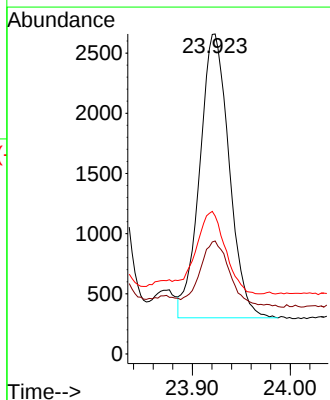
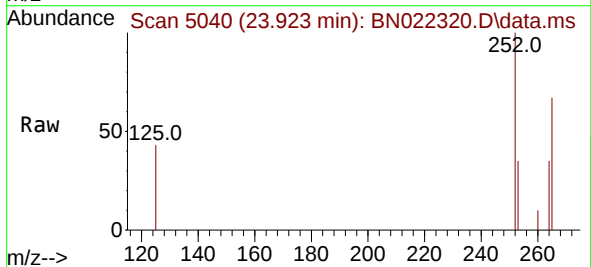
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BNA_N
ClientSampleId :

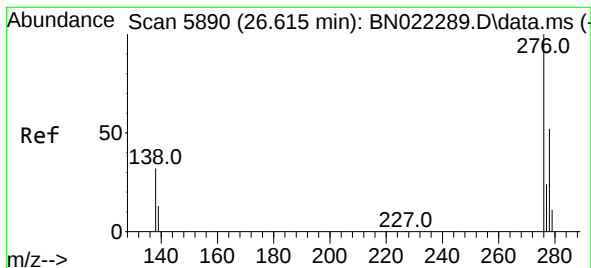
Tgt Ion:252	Resp:	9916
Ion Ratio	Lower	Upper
252	100	
253	32.5	0.0 49.0
125	32.5	0.0 35.2



#26
Benzo(a)pyrene
Concen: 0.153 ng/ul
RT: 23.923 min Scan# 5040
Delta R.T. 0.003 min
Lab File: BN022320.D
Acq: 25 Oct 2022 11:33

Tgt Ion:252	Resp:	4917
Ion Ratio	Lower	Upper
252	100	
253	35.3	21.0 31.6#
125	43.1	17.9 26.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.089 ng/ul

RT: 26.618 min Scan# 5890

Delta R.T. 0.003 min

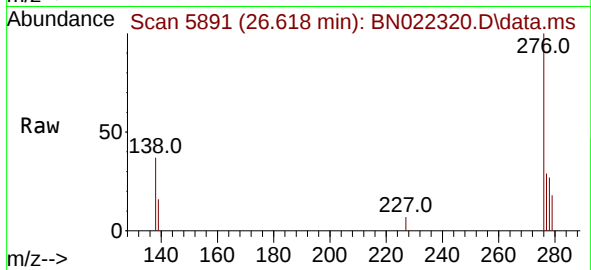
Lab File: BN022320.D

Acq: 25 Oct 2022 11:33

Instrument :

BNA_N

ClientSampleId :



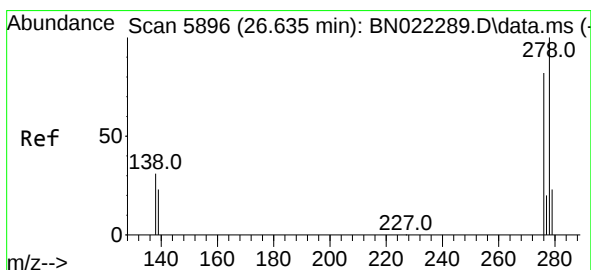
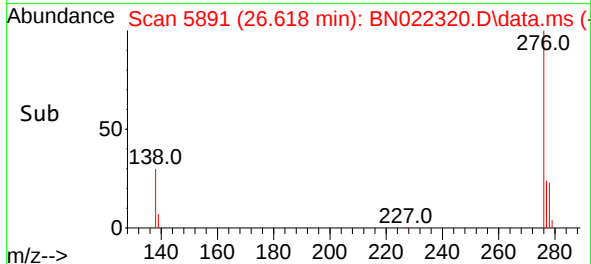
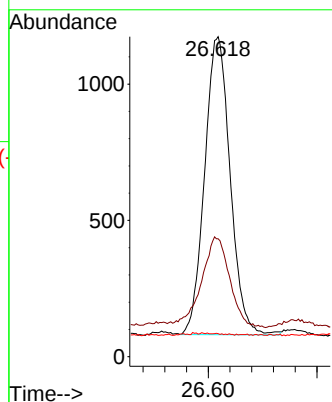
Tgt Ion:276 Resp: 3565

Ion Ratio Lower Upper

276 100

138 33.9 27.7 41.5

227 0.3 0.2 0.2#



#28

Dibenzo(a,h)anthracene

Concen: 0.033 ng/ul

RT: 26.628 min Scan# 5894

Delta R.T. -0.010 min

Lab File: BN022320.D

Acq: 25 Oct 2022 11:33

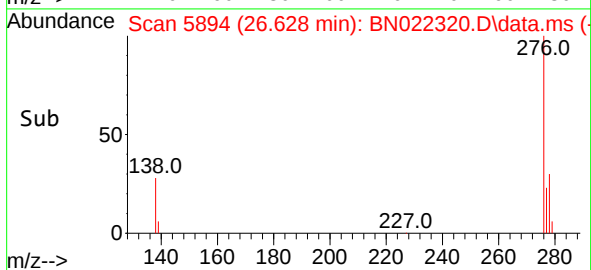
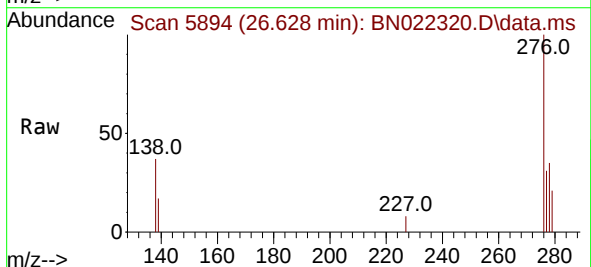
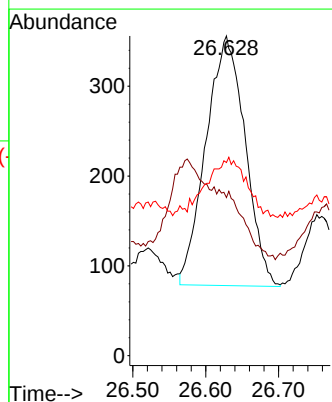
Tgt Ion:278 Resp: 1039

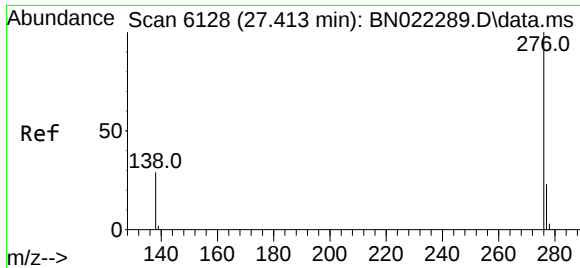
Ion Ratio Lower Upper

278 100

139 49.4 19.6 29.4#

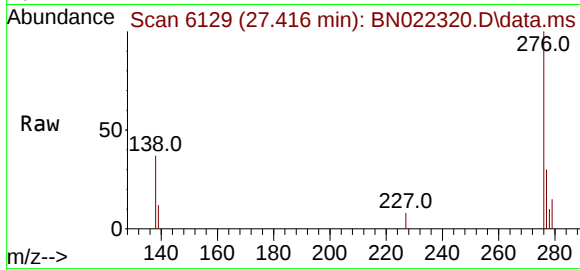
279 60.4 20.6 30.8#





#29
 Benzo(g,h,i)perylene
 Concen: 0.105 ng/ul
 RT: 27.416 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN022320.D
 Acq: 25 Oct 2022 11:33

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	276	Resp:	3402
Ion Ratio	Lower	Upper	
276	100		
138	37.5	25.2	37.8
277	29.6	19.9	29.9

