

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060122\
 Data File : BN020010.D
 Acq On : 01 Jun 2022 10:56
 Operator : CG/JU
 Sample : N2815-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X3A83

Quant Time: Jun 01 11:25:00 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN053122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 16:55:35 2022
 Response via : Initial Calibration

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

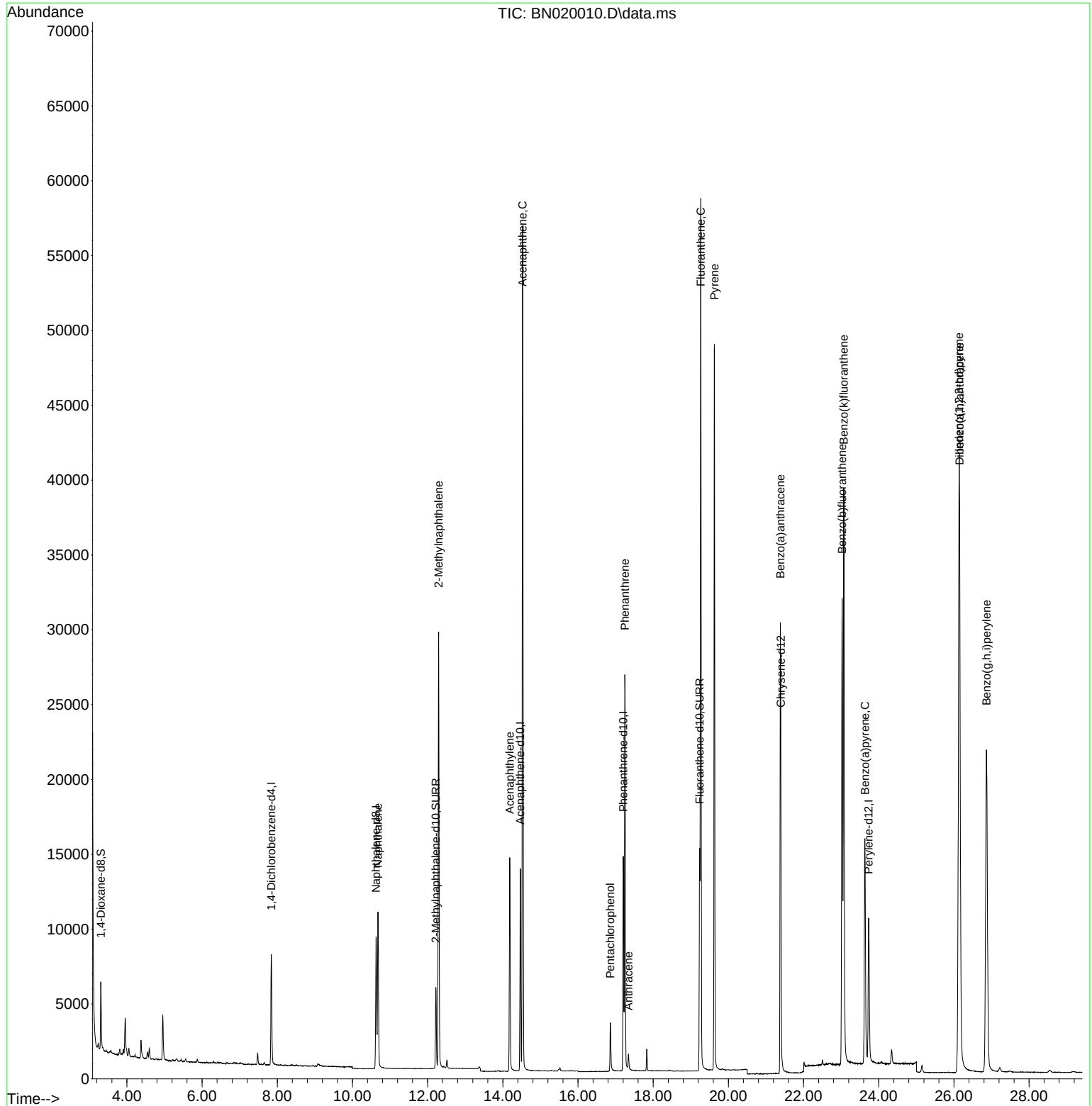
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	4136	0.400	ng/ul	0.00
4) Naphthalene-d8	10.628	136	13072	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.465	164	7684	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	16793	0.400	ng/ul	0.00
17) Chrysene-d12	21.397	240	14799	0.400	ng/ul	0.00
23) Perylene-d12	23.732	264	13930	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	3020	0.641	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	7400	0.355	ng/ul	0.00
18) Fluoranthene-d10	19.234	212	16290	0.364	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.678	128	15451	0.376	ng/ul	99
7) 2-Methylnaphthalene	12.294	142	21722	0.822	ng/ul#	100
10) Acenaphthylene	14.187	152	17695	0.464	ng/ul	99
11) Acenaphthene	14.525	153	34637	1.182	ng/ul	98
14) Pentachlorophenol	16.862	266	2499	0.708	ng/ul	90
15) Phenanthrene	17.247	178	29564	0.496	ng/ul	99
16) Anthracene	17.344	178	1467	0.028	ng/ul#	89
19) Fluoranthene	19.267	202	52916	0.837	ng/ul	98
20) Pyrene	19.629	202	42415	0.666	ng/ul	99
21) Benzo(a)anthracene	21.382	228	24969	0.460	ng/ul	99
24) Benzo(b)fluoranthene	23.025	252	41534	0.649	ng/ul	90
25) Benzo(k)fluoranthene	23.071	252	51821	0.825	ng/ul	96
26) Benzo(a)pyrene	23.633	252	23778	0.406	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.134	276	46286	0.694	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.151	278	46243	0.849	ng/ul#	78
29) Benzo(g,h,i)perylene	26.865	276	47843	0.848	ng/ul	96

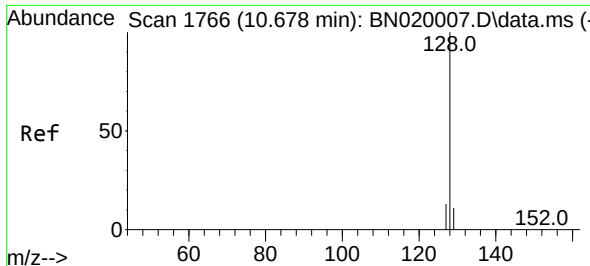
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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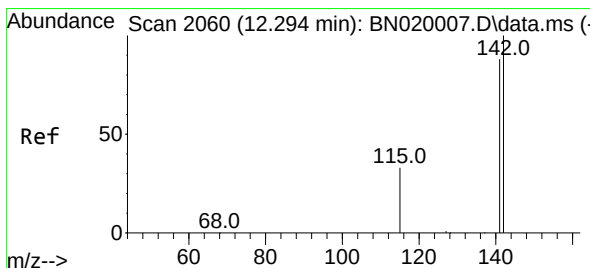
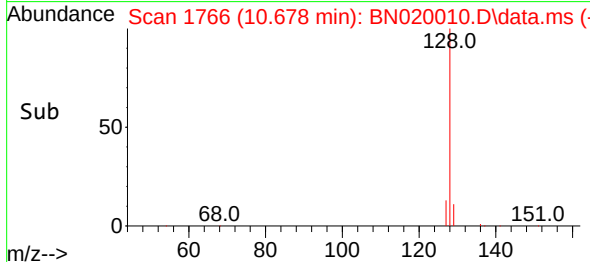
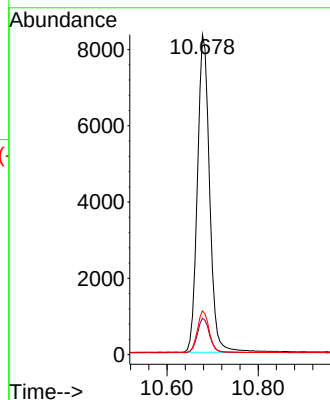
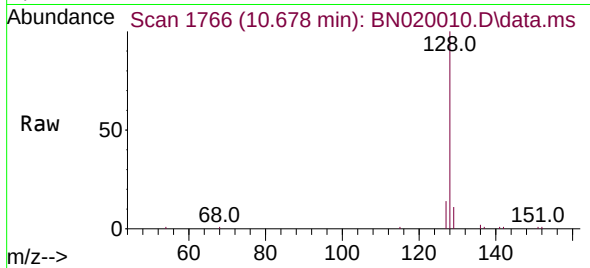




#5
Naphthalene
Concen: 0.376 ng/ul
RT: 10.678 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BN020010.D
Acq: 01 Jun 2022 10:56

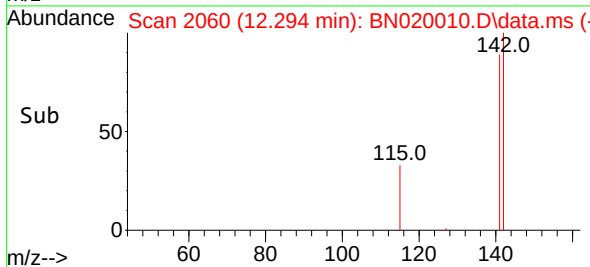
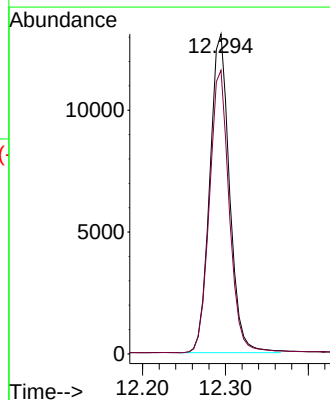
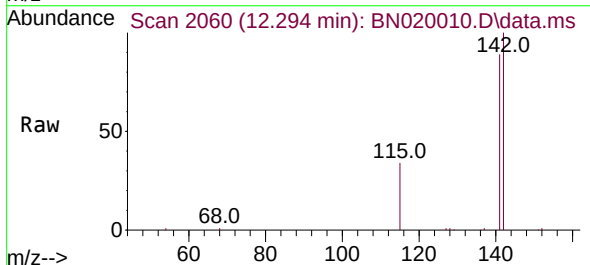
Instrument :
BNA_N
ClientSampleId :
X3A83

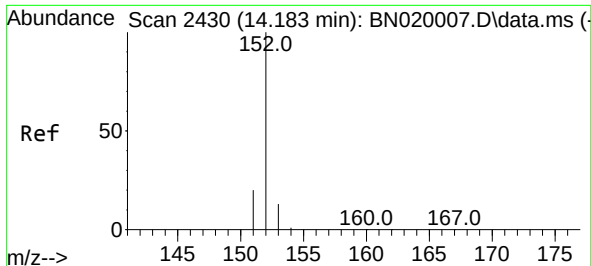
Tgt Ion:128 Resp: 15451
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.7 11.0 16.4



#7
2-Methylnaphthalene
Concen: 0.822 ng/ul
RT: 12.294 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN020010.D
Acq: 01 Jun 2022 10:56

Tgt Ion:142 Resp: 21722
Ion Ratio Lower Upper
142 100
141 88.4 0.0 0.0#

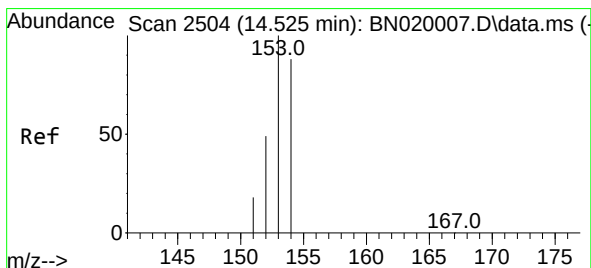
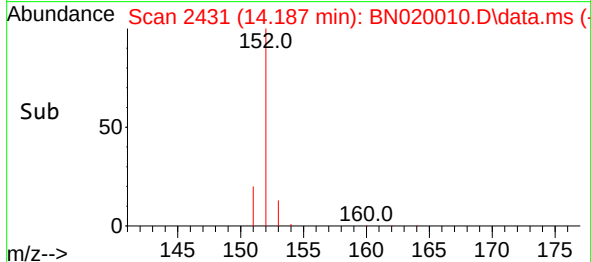
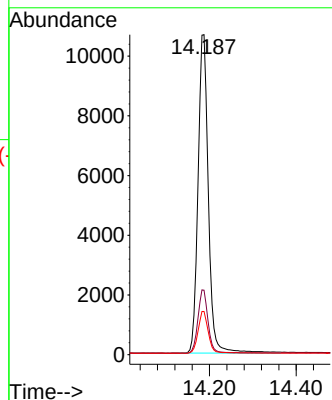
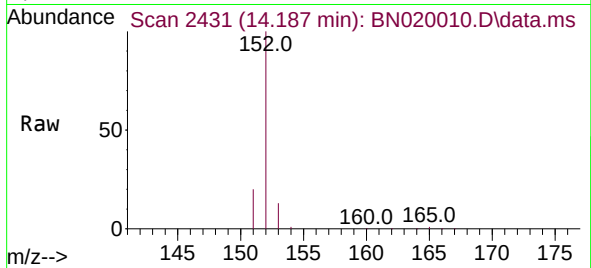




#10
Acenaphthylene
Concen: 0.464 ng/ul
RT: 14.187 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN020010.D
Acq: 01 Jun 2022 10:56

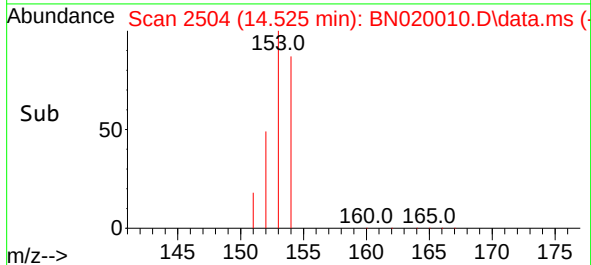
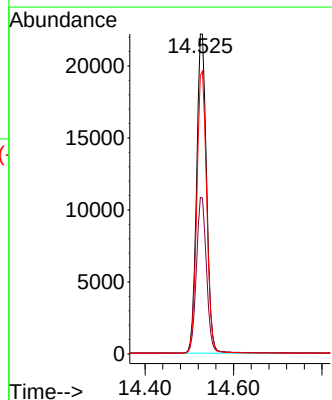
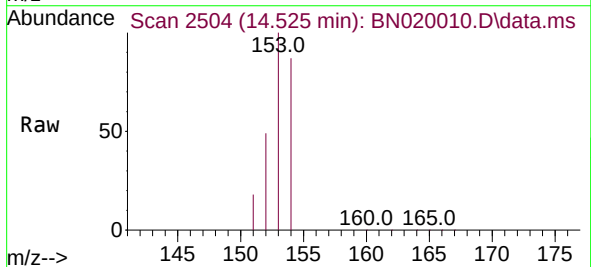
Instrument :
BNA_N
ClientSampleId :
X3A83

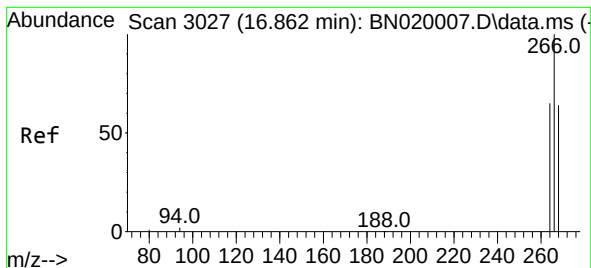
Tgt Ion:152	Resp:	17695
Ion Ratio	Lower	Upper
152	100	
151	20.1	16.3 24.5
153	13.5	11.1 16.7



#11
Acenaphthene
Concen: 1.182 ng/ul
RT: 14.525 min Scan# 2504
Delta R.T. -0.005 min
Lab File: BN020010.D
Acq: 01 Jun 2022 10:56

Tgt Ion:153	Resp:	34637
Ion Ratio	Lower	Upper
153	100	
152	48.9	38.6 57.8
154	87.0	71.2 106.8





#14

Pentachlorophenol

Concen: 0.708 ng/ul

RT: 16.862 min Scan# 3027

Delta R.T. 0.000 min

Lab File: BN020010.D

Acq: 01 Jun 2022 10:56

Instrument :

BNA_N

ClientSampleId :

X3A83

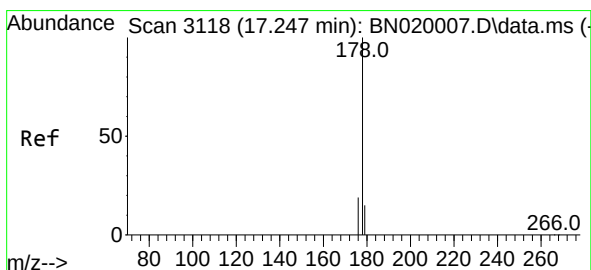
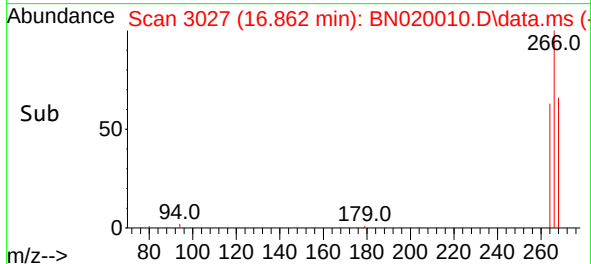
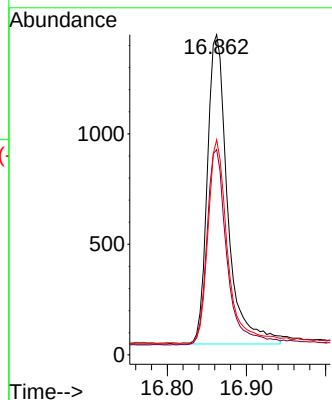
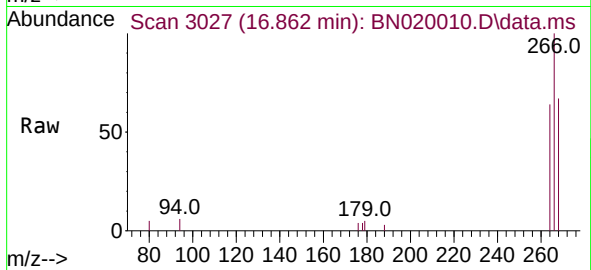
Tgt Ion:266 Resp: 2499

Ion Ratio Lower Upper

266 100

264 62.5 44.9 67.3

268 63.9 44.6 67.0



#15

Phenanthrene

Concen: 0.496 ng/ul

RT: 17.247 min Scan# 3118

Delta R.T. 0.000 min

Lab File: BN020010.D

Acq: 01 Jun 2022 10:56

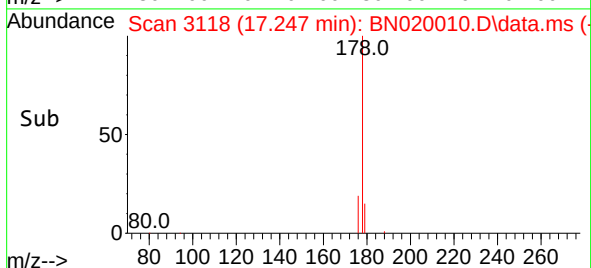
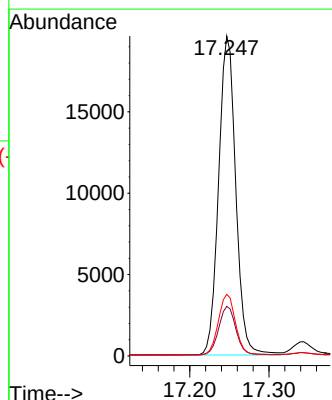
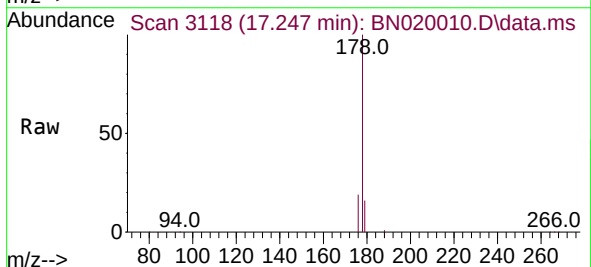
Tgt Ion:178 Resp: 29564

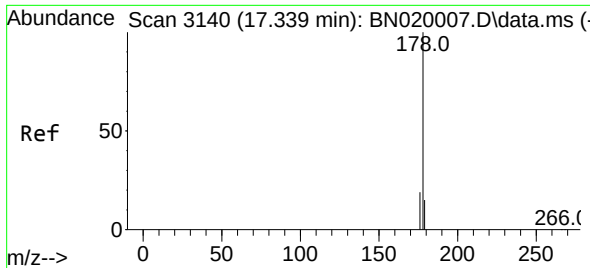
Ion Ratio Lower Upper

178 100

179 15.5 12.9 19.3

176 19.2 15.5 23.3

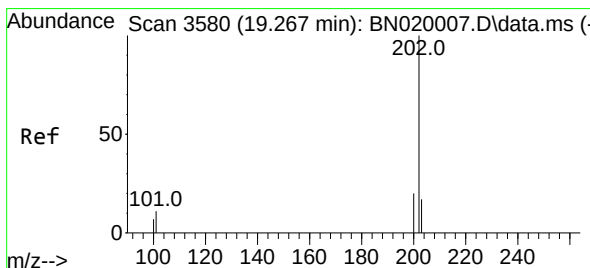
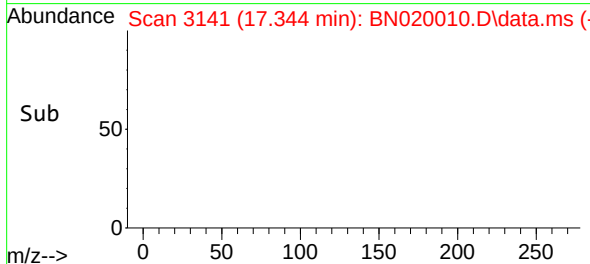
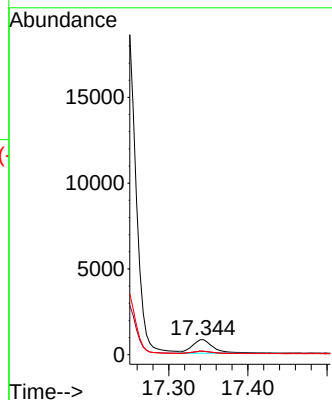
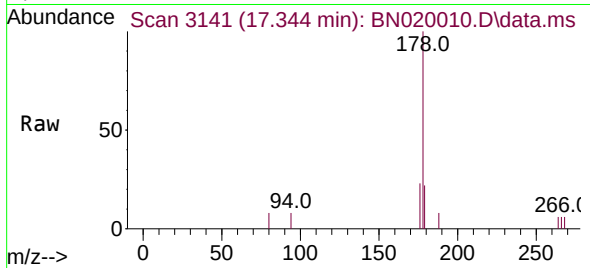




#16
 Anthracene
 Concen: 0.028 ng/ul
 RT: 17.344 min Scan# 3140
 Delta R.T. 0.004 min
 Lab File: BN020010.D
 Acq: 01 Jun 2022 10:56

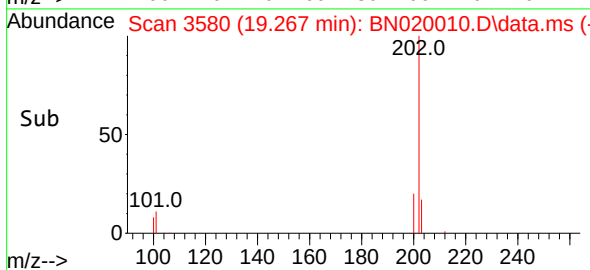
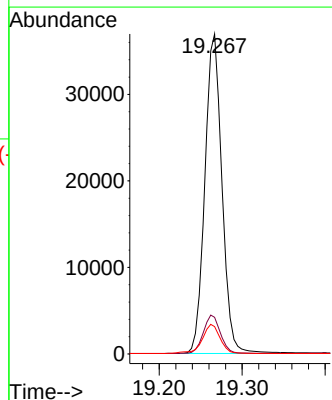
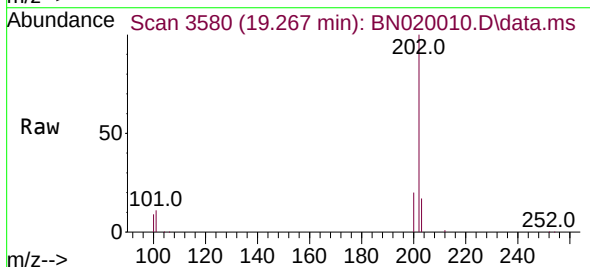
Instrument :
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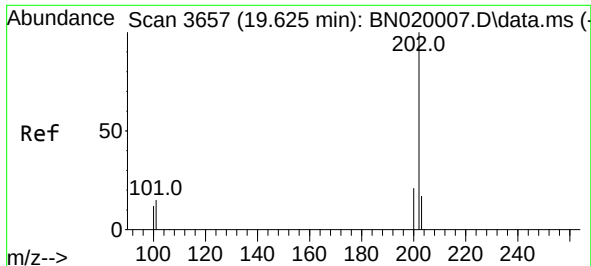
Tgt Ion:178 Resp: 1467
 Ion Ratio Lower Upper
 178 100
 179 22.0 13.1 19.7#
 176 23.3 15.3 22.9#



#19
 Fluoranthene
 Concen: 0.837 ng/ul
 RT: 19.267 min Scan# 3580
 Delta R.T. 0.000 min
 Lab File: BN020010.D
 Acq: 01 Jun 2022 10:56

Tgt Ion:202 Resp: 52916
 Ion Ratio Lower Upper
 202 100
 101 11.5 9.7 14.5
 100 8.5 7.4 11.2

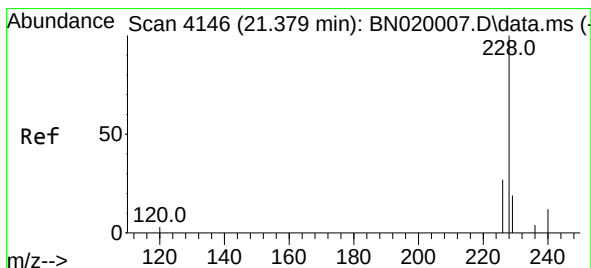
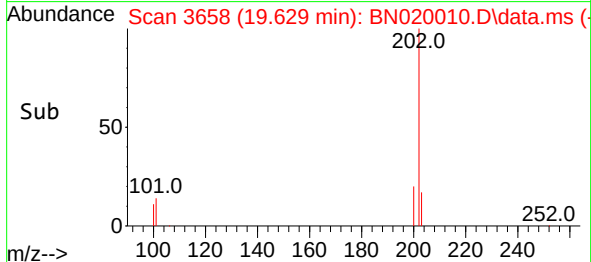
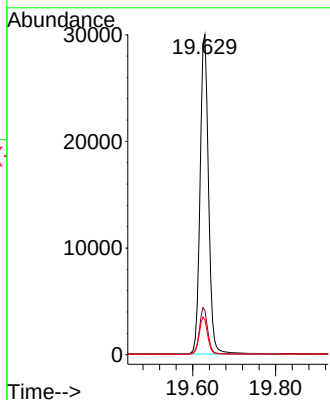
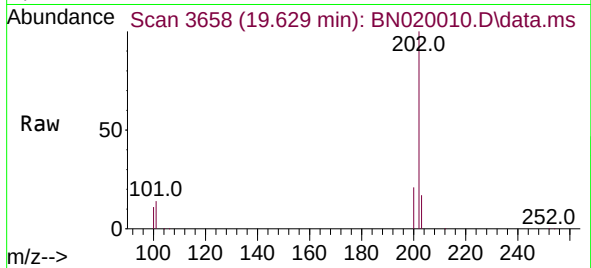




#20
Pyrene
Concen: 0.666 ng/ul
RT: 19.629 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN020010.D
Acq: 01 Jun 2022 10:56

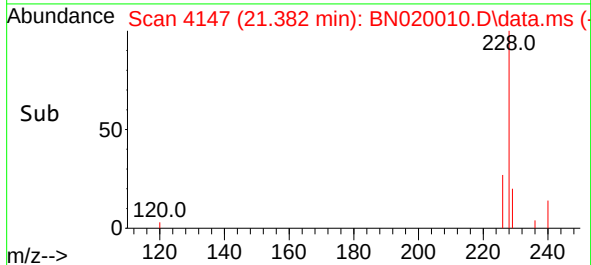
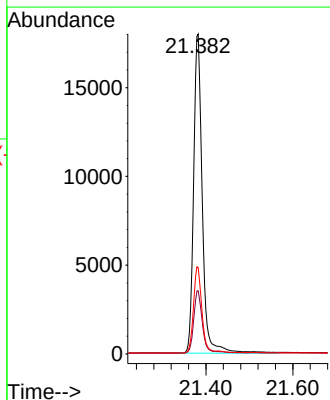
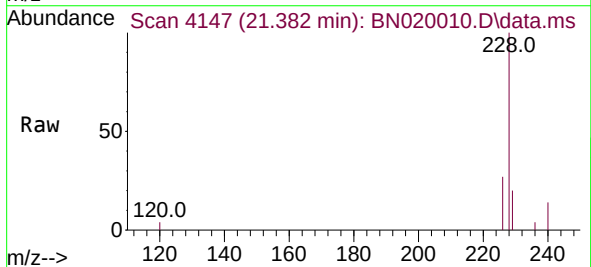
Instrument :
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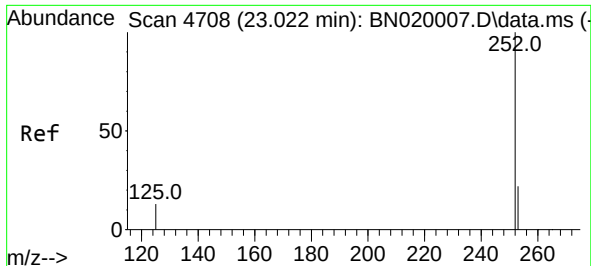
Tgt Ion:202 Resp: 42415
Ion Ratio Lower Upper
202 100
101 13.8 11.4 17.0
100 10.8 9.0 13.4



#21
Benzo(a)anthracene
Concen: 0.460 ng/ul
RT: 21.382 min Scan# 4147
Delta R.T. -0.002 min
Lab File: BN020010.D
Acq: 01 Jun 2022 10:56

Tgt Ion:228 Resp: 24969
Ion Ratio Lower Upper
228 100
229 19.7 16.1 24.1
226 27.0 22.1 33.1

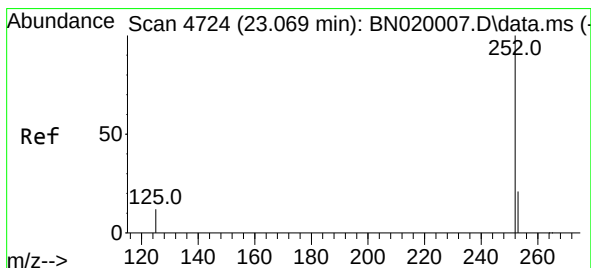
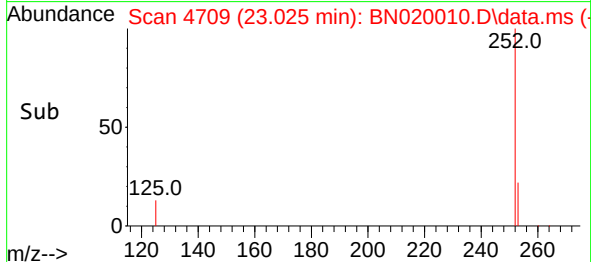
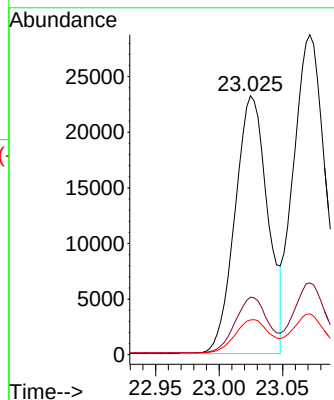
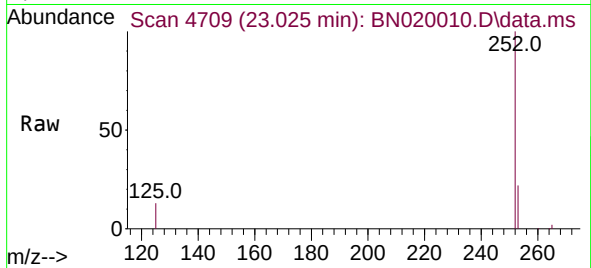




#24
Benzo(b)fluoranthene
Concen: 0.649 ng/ul
RT: 23.025 min Scan# 41
Delta R.T. -0.005 min
Lab File: BN020010.D
Acq: 01 Jun 2022 10:56

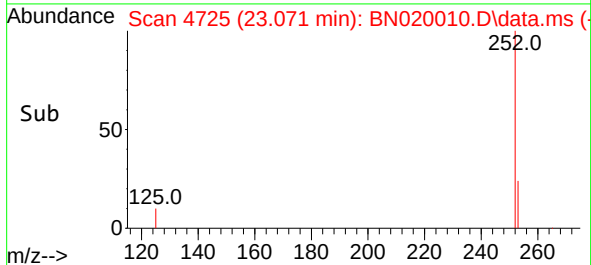
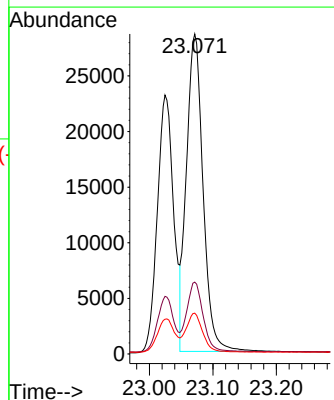
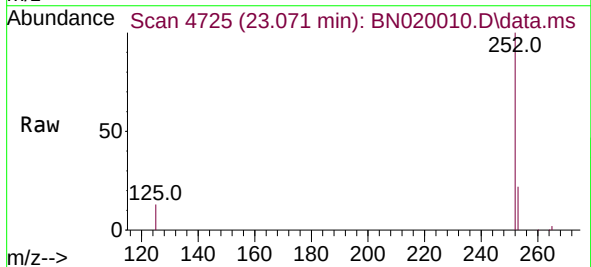
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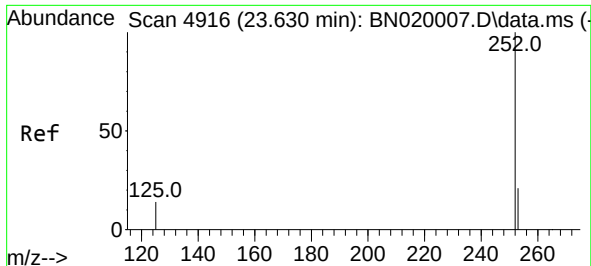
Tgt Ion:252 Resp: 41534
Ion Ratio Lower Upper
252 100
253 22.2 0.0 52.0
125 13.4 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.825 ng/ul
RT: 23.071 min Scan# 4725
Delta R.T. -0.002 min
Lab File: BN020010.D
Acq: 01 Jun 2022 10:56

Tgt Ion:252 Resp: 51821
Ion Ratio Lower Upper
252 100
253 22.5 20.2 30.2
125 12.7 11.0 16.6

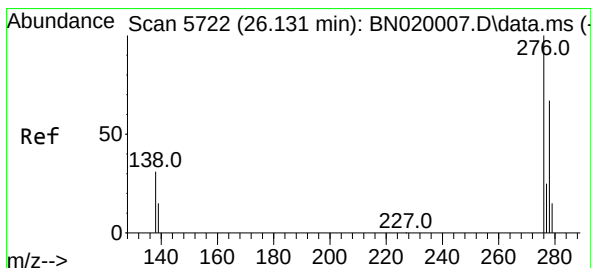
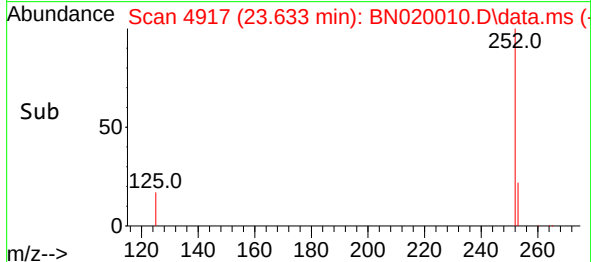
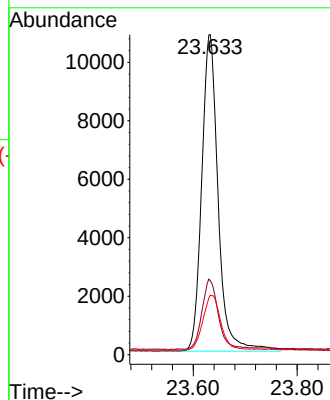
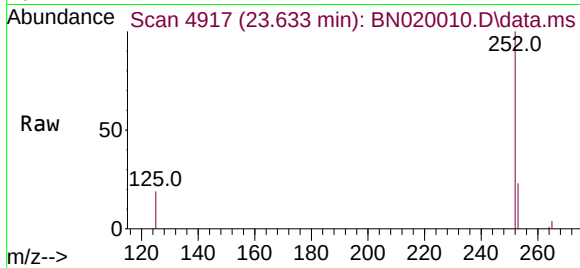




#26
Benzo(a)pyrene
Concen: 0.406 ng/ul
RT: 23.633 min Scan# 4916
Delta R.T. -0.002 min
Lab File: BN020010.D
Acq: 01 Jun 2022 10:56

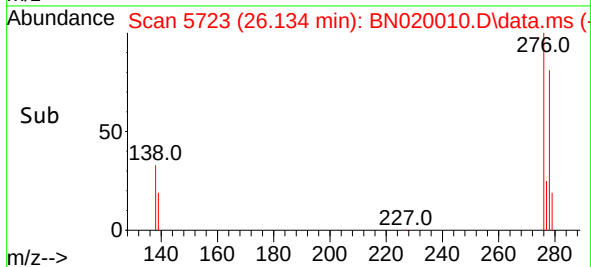
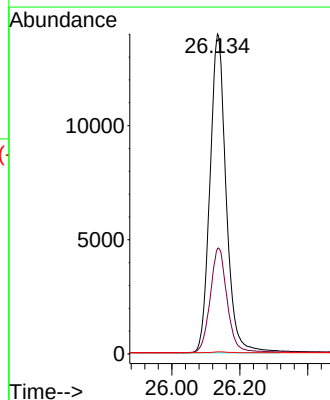
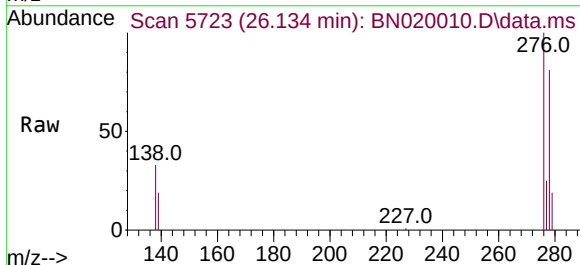
Instrument :
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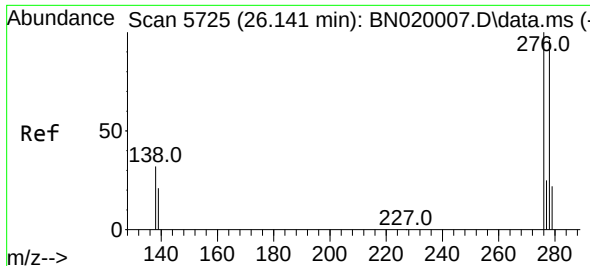
Tgt Ion:252 Resp: 23778
Ion Ratio Lower Upper
252 100
253 23.1 23.4 35.0#
125 18.6 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.694 ng/ul
RT: 26.134 min Scan# 5723
Delta R.T. -0.005 min
Lab File: BN020010.D
Acq: 01 Jun 2022 10:56

Tgt Ion:276 Resp: 46286
Ion Ratio Lower Upper
276 100
138 34.2 23.6 35.4
227 0.3 0.0 0.0#

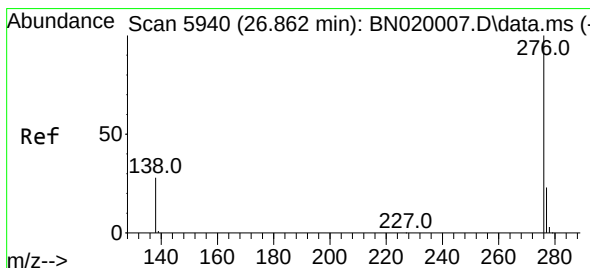
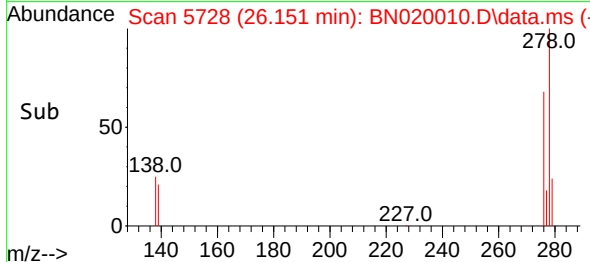
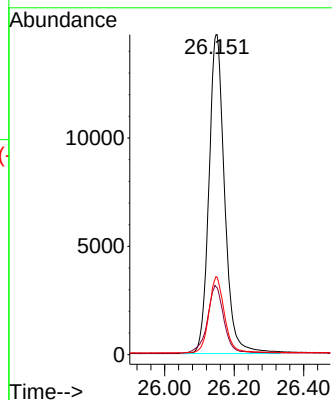
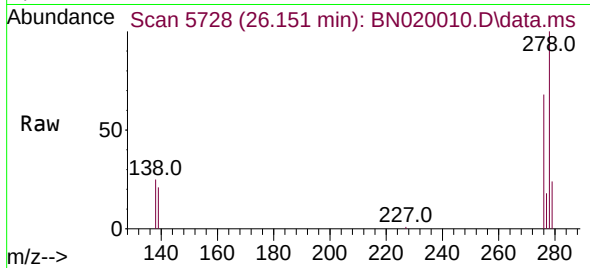




#28
Dibenzo(a,h)anthracene
Concen: 0.849 ng/ul
RT: 26.151 min Scan# 51
Delta R.T. -0.002 min
Lab File: BN020010.D
Acq: 01 Jun 2022 10:56

Instrument :
BNA_N
ClientSampleId :
X3A83

Tgt Ion:278 Resp: 46243
Ion Ratio Lower Upper
278 100
139 20.9 18.6 28.0
279 24.2 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.848 ng/ul
RT: 26.865 min Scan# 5941
Delta R.T. -0.008 min
Lab File: BN020010.D
Acq: 01 Jun 2022 10:56

Tgt Ion:276 Resp: 47843
Ion Ratio Lower Upper
276 100
138 27.7 20.9 31.3
277 23.5 20.4 30.6

