

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013022.D
 Acq On : 09 Dec 2020 21:21
 Operator : CG/JU
 Sample : L4941-06
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AY9

Quant Time: Dec 10 01:00:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 10 00:40:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	819	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.14	136	3437	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.05	164	2081	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4438	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	3771	0.40	ng/ul	-0.01
20) Perylene-d12	23.12	264	3714	0.40	ng/ul	-0.02

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	859	0.17	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	2235	0.19	ng/ul	0.00

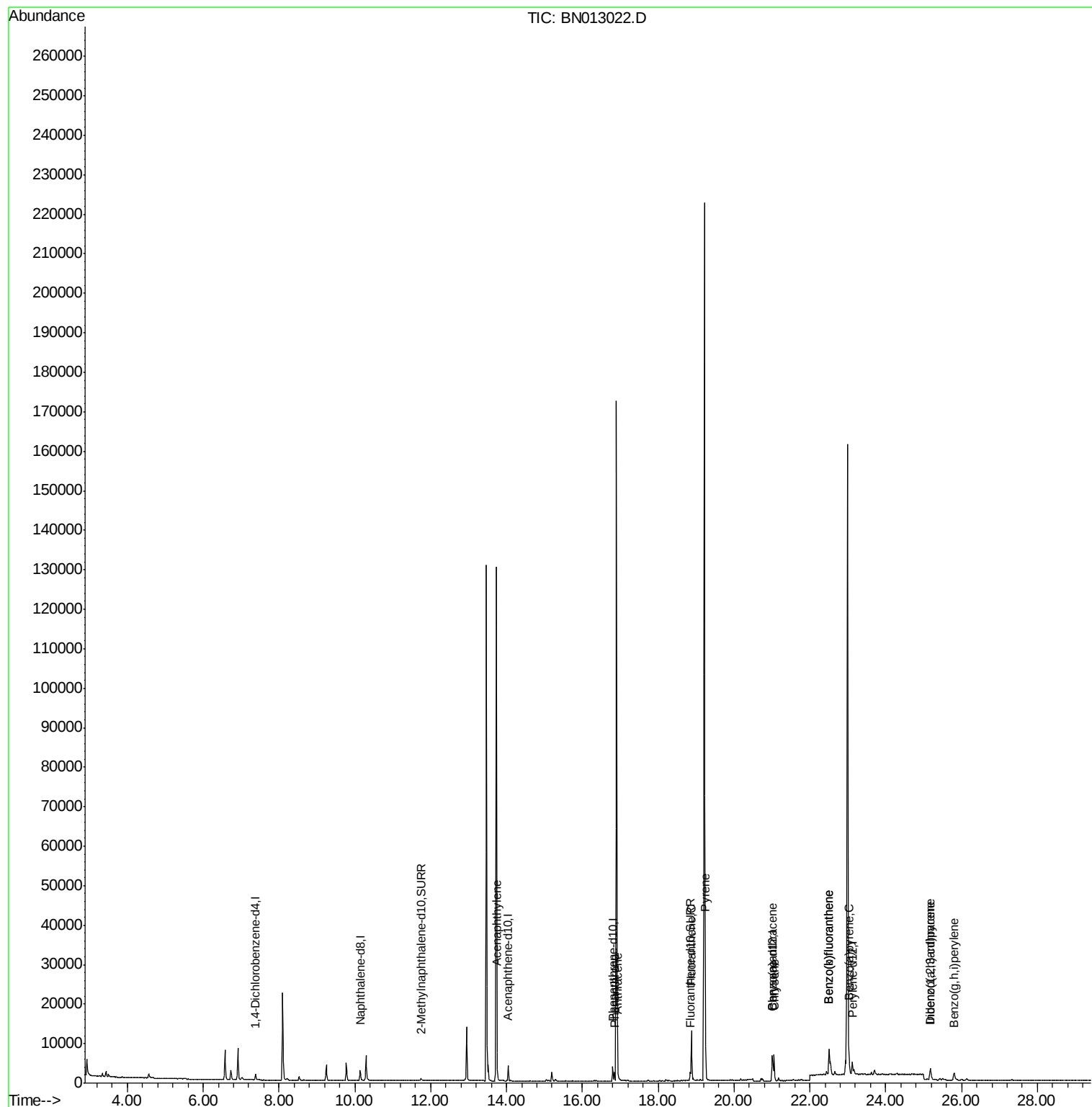
Target Compounds				Ovalue		
7) Acenaphthylene	13.76	152	223	0.023	ng/ul#	50
12) Phenanthrene	16.84	178	2356	0.158	ng/ul	96
13) Anthracene	16.94	178	358	0.028	ng/ul#	68
15) Fluoranthene	18.88	202	10790	0.610	ng/ul	99
17) Pyrene	19.24	202	10099	0.567	ng/ul#	95
18) Benzo(a)anthracene	21.01	228	4952	0.317	ng/ul	98
19) Chrysene	21.06	228	6638	0.385	ng/ul	99
21) Benzo(b)fluoranthene	22.50	252	13162	0.766	ng/ul	93
22) Benzo(k)fluoranthene	22.50	252	13162	0.693	ng/ul#	94
23) Benzo(a)pyrene	23.03	252	5824	0.365	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.18	276	4351	0.208	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.19	278	987	0.060	ng/ul#	40
26) Benzo(g,h,i)perylene	25.80	276	3851	0.203	ng/ul#	94

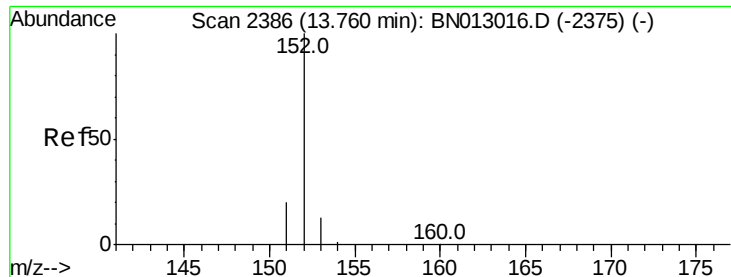
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 10 00:40:41 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.023 ng/ul

RT: 13.76 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BN013022.D

Acq: 09 Dec 2020 21:21

Instrument :

BNA_N

ClientSampleId :

C0AY9

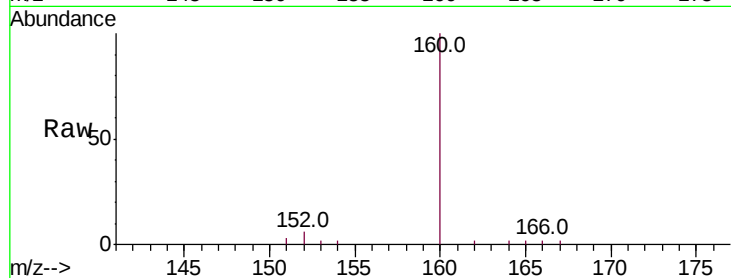
Tot Ion:152 Resp: 223

Ion Ratio Lower Upper

152 100

151 45.5 18.2 27.4#

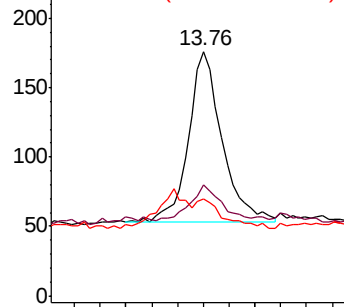
153 39.8 13.1 19.7#



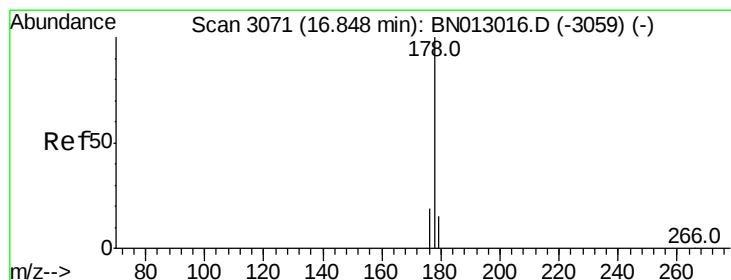
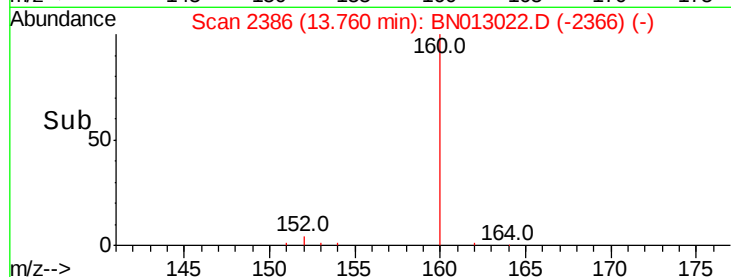
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#12

Phenanthrene

Concen: 0.158 ng/ul

RT: 16.84 min Scan# 3070

Delta R.T. -0.01 min

Lab File: BN013022.D

Acq: 09 Dec 2020 21:21

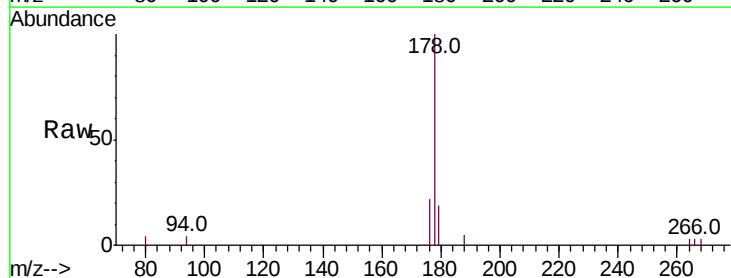
Tgt Ion:178 Resp: 2356

Ion Ratio Lower Upper

178 100

179 19.4 13.6 20.4

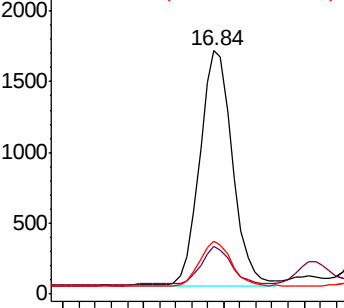
176 21.9 16.4 24.6



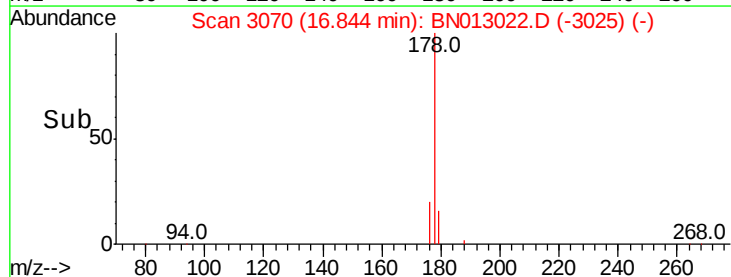
Abundance Ion 178.00 (177.70 to 178.70): E

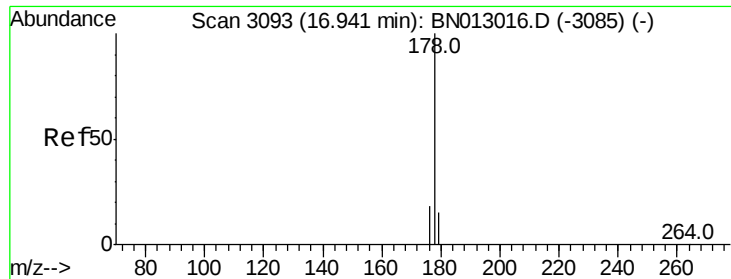
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#13

Anthracene

Concen: 0.028 ng/ul

RT: 16.94 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BN013022.D

Acq: 09 Dec 2020 21:21

Instrument :

BNA_N

ClientSampleId :

C0AY9

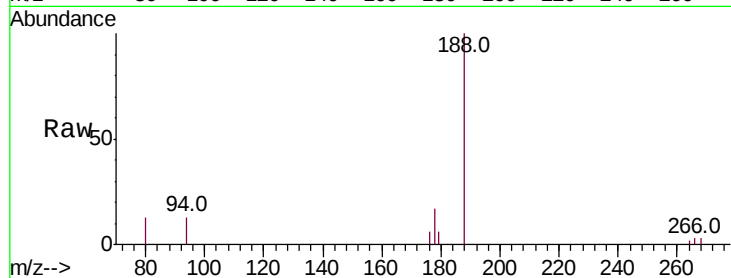
Tot Ion:178 Resp: 358

Ion Ratio Lower Upper

178 100

179 36.2 14.6 21.8#

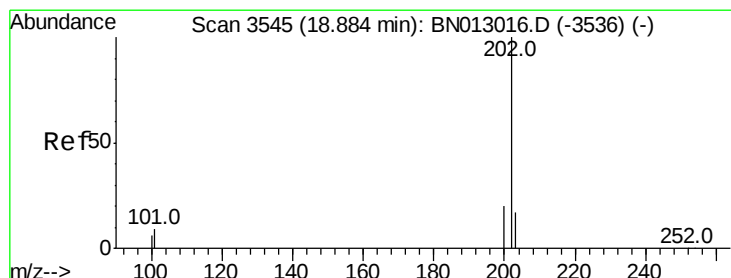
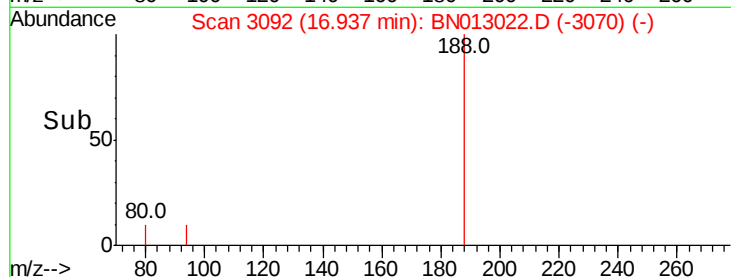
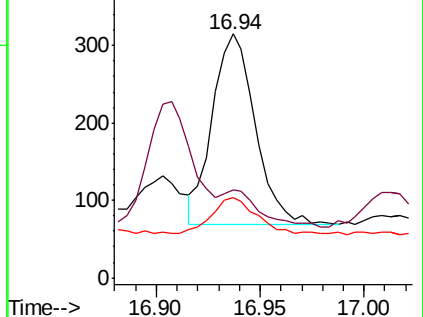
176 33.0 17.1 25.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.610 ng/ul

RT: 18.88 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BN013022.D

Acq: 09 Dec 2020 21:21

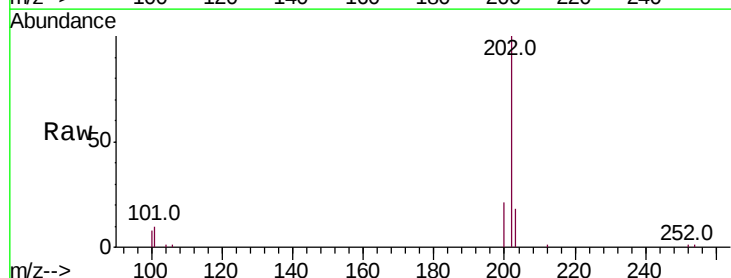
Tgt Ion:202 Resp: 10790

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.6

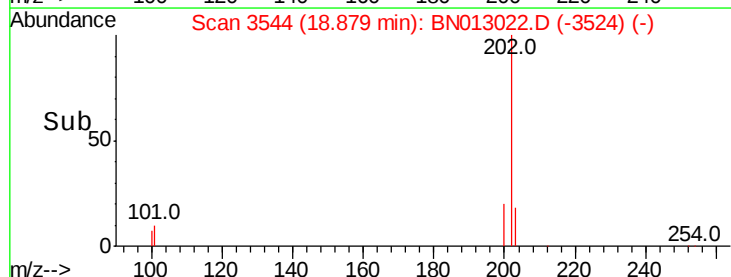
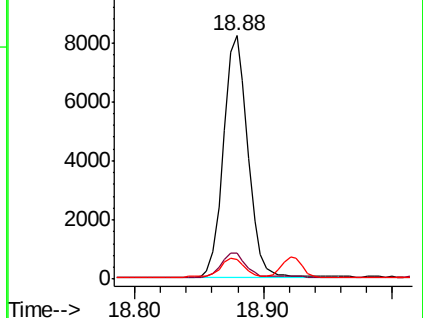
100 7.8 0.0 28.7

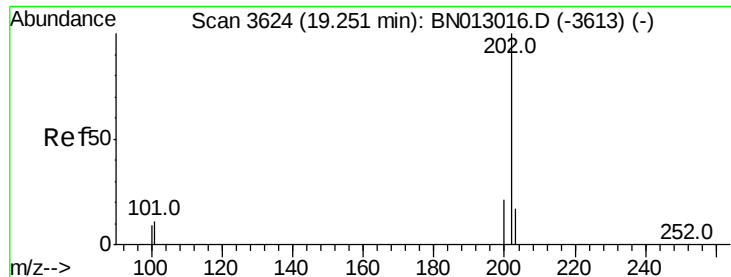


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 0.567 ng/ul

RT: 19.24 min Scan# 3622

Delta R.T. -0.01 min

Lab File: BN013022.D

Acq: 09 Dec 2020 21:21

Instrument :

BNA_N

ClientSampleId :

C0AY9

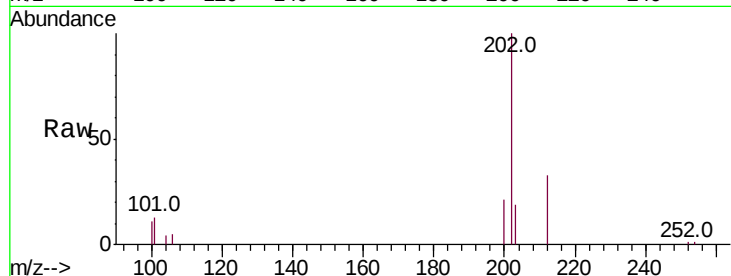
Tot Ion:202 Resp: 10099

Ion Ratio Lower Upper

202 100

101 13.1 9.1 13.7

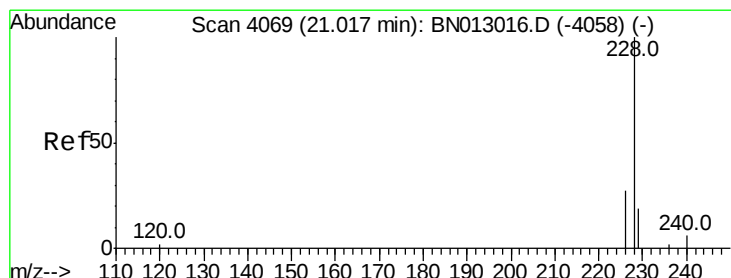
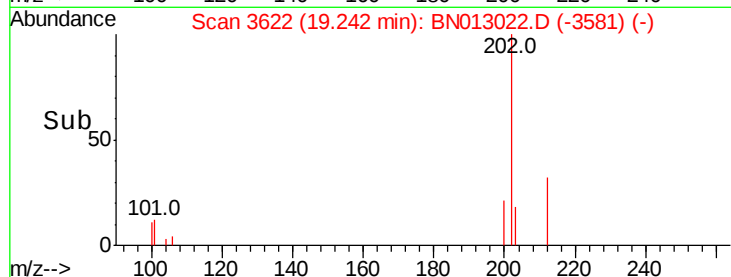
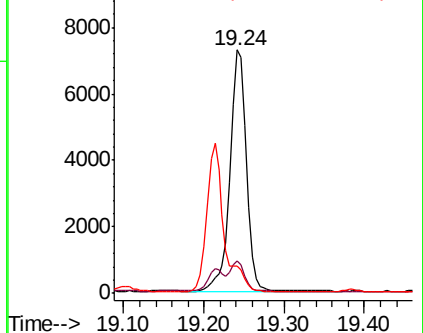
100 11.4 7.5 11.3#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 0.317 ng/ul

RT: 21.01 min Scan# 4066

Delta R.T. -0.01 min

Lab File: BN013022.D

Acq: 09 Dec 2020 21:21

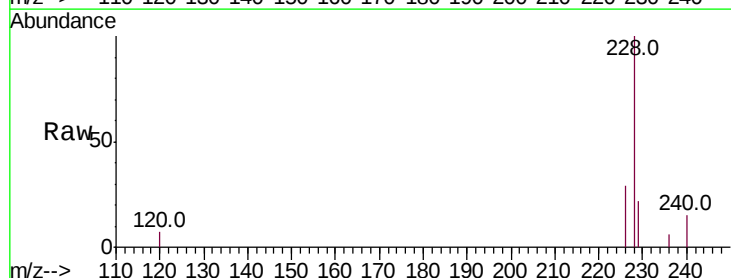
Tgt Ion:228 Resp: 4952

Ion Ratio Lower Upper

228 100

229 22.2 16.3 24.5

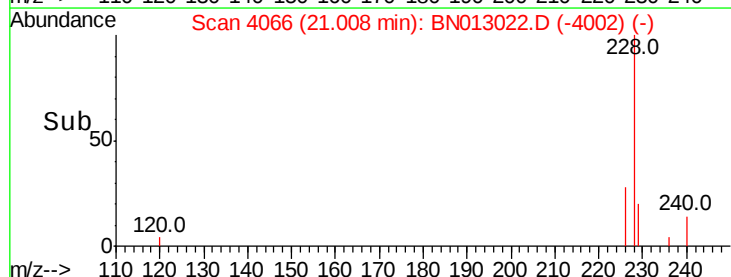
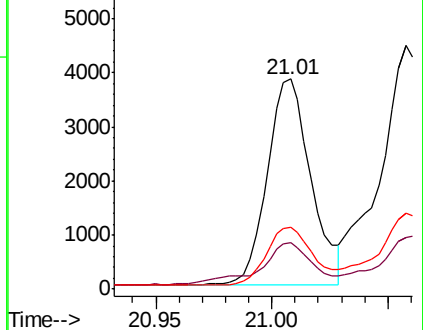
226 29.3 23.4 35.2

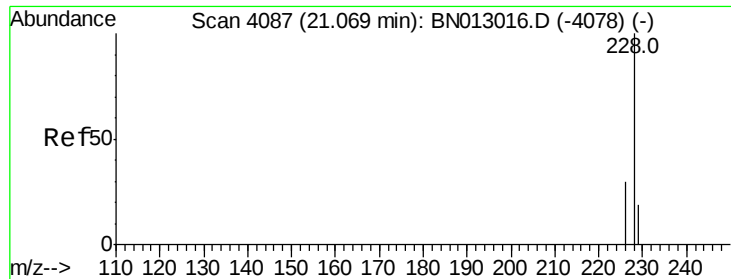


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.385 ng/ul

RT: 21.06 min Scan# 4083

Delta R.T. -0.01 min

Lab File: BN013022.D

Acq: 09 Dec 2020 21:21

Instrument :

BNA_N

ClientSampleId :

C0AY9

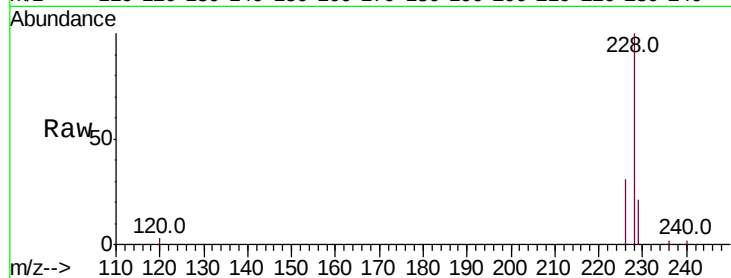
Tot Ion:228 Resp: 6638

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

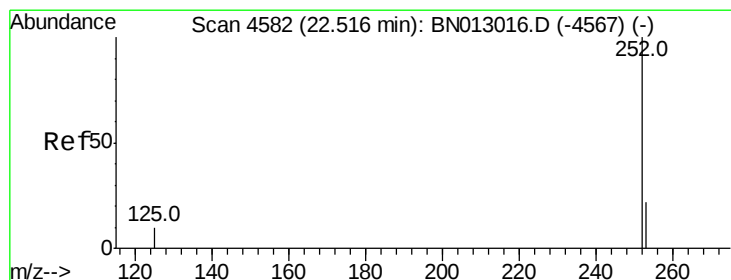
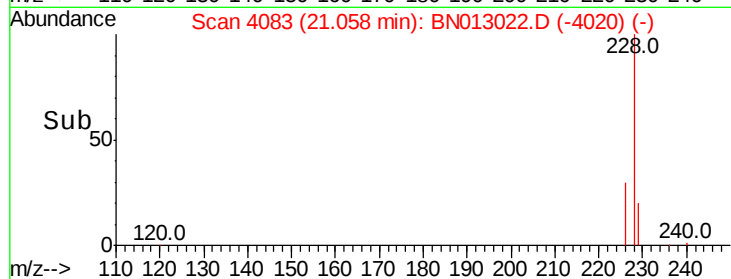
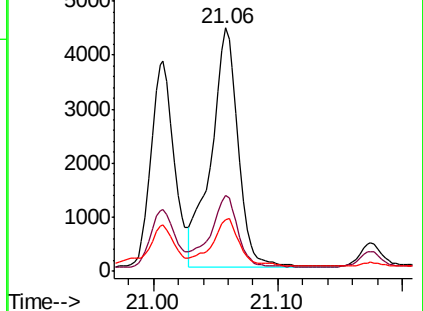
229 21.4 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.766 ng/ul

RT: 22.50 min Scan# 4578

Delta R.T. -0.01 min

Lab File: BN013022.D

Acq: 09 Dec 2020 21:21

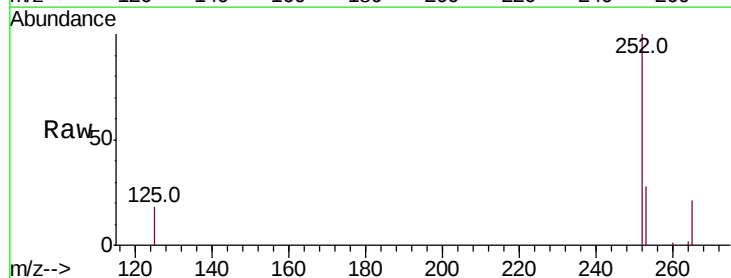
Tgt Ion:252 Resp: 13162

Ion Ratio Lower Upper

252 100

253 27.6 0.0 59.6

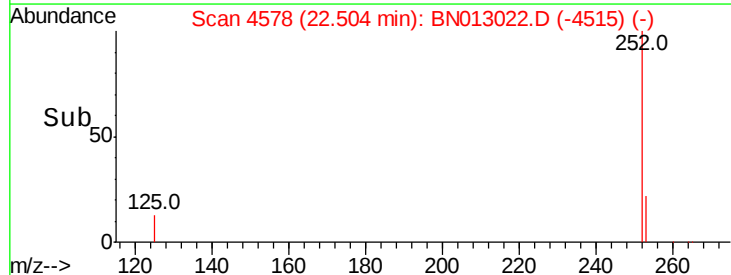
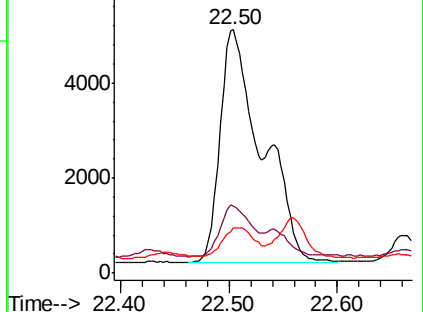
125 18.3 0.0 26.0

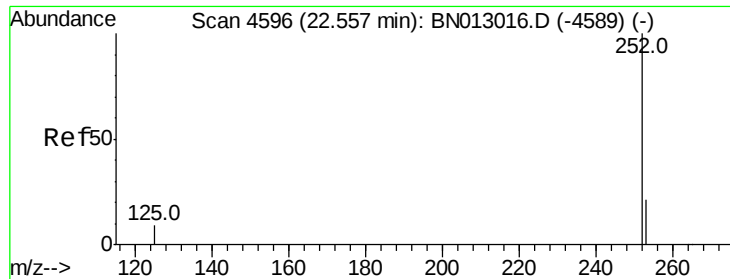


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.693 ng/ul

RT: 22.50 min Scan# 4578

Delta R.T. -0.06 min

Lab File: BN013022.D

Acq: 09 Dec 2020 21:21

Instrument :

BNA_N

ClientSampleId :

C0AY9

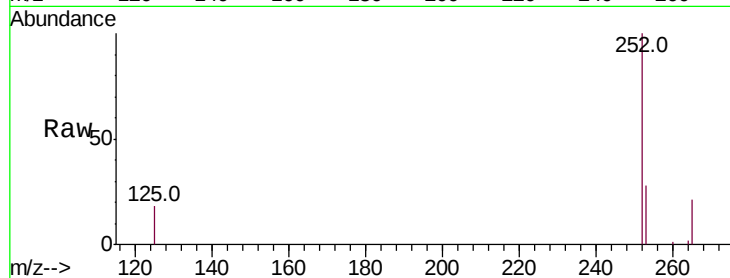
Tot Ion:252 Resp: 13162

Ion Ratio Lower Upper

252 100

253 27.6 23.4 35.2

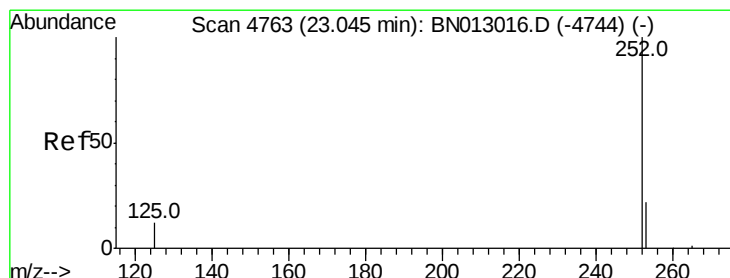
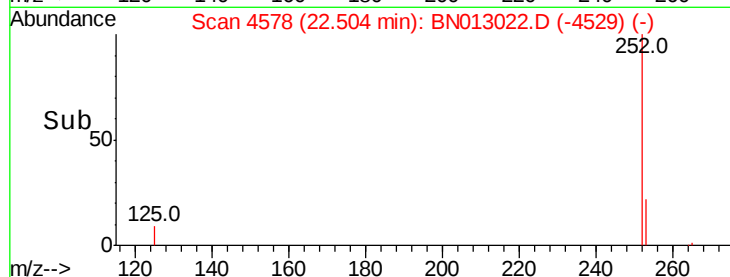
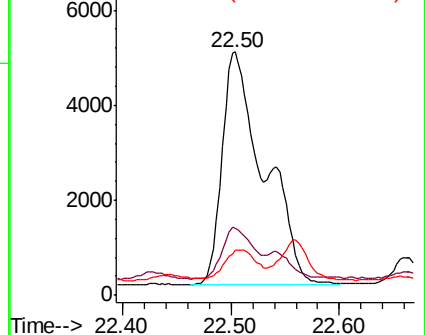
125 18.3 11.1 16.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.365 ng/ul

RT: 23.03 min Scan# 4758

Delta R.T. -0.01 min

Lab File: BN013022.D

Acq: 09 Dec 2020 21:21

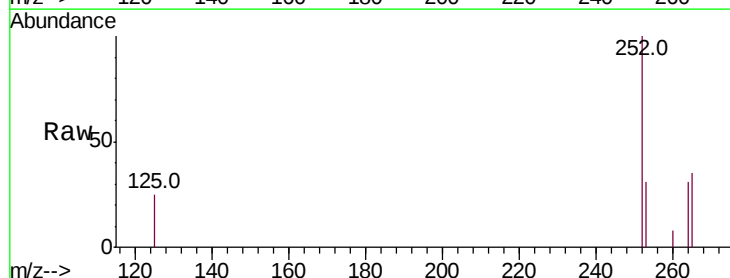
Tgt Ion:252 Resp: 5824

Ion Ratio Lower Upper

252 100

253 30.6 26.5 39.7

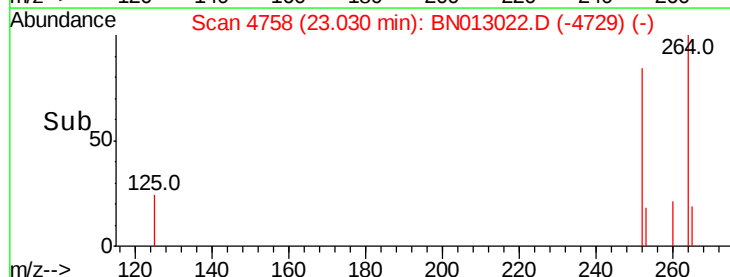
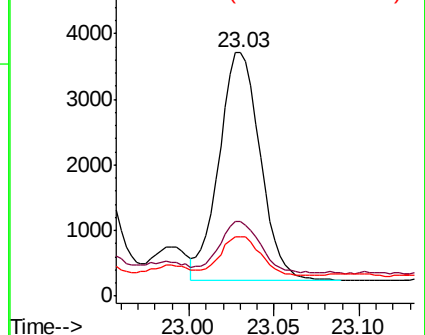
125 24.5 14.2 21.2#

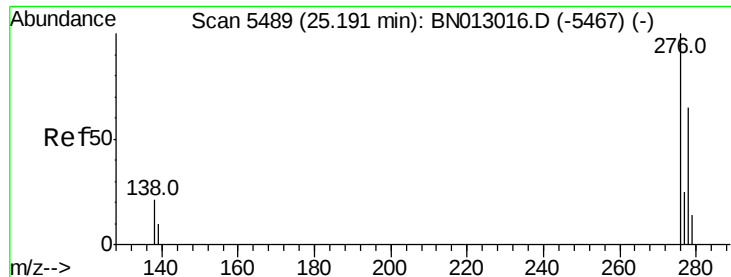


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



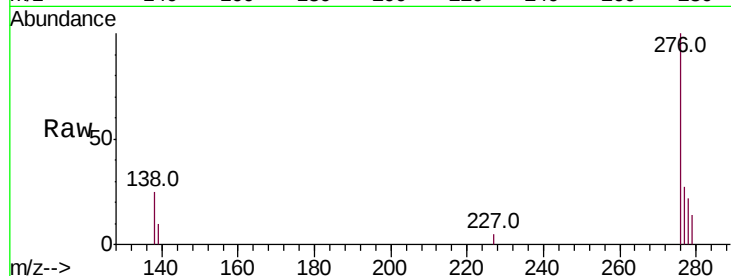


#24

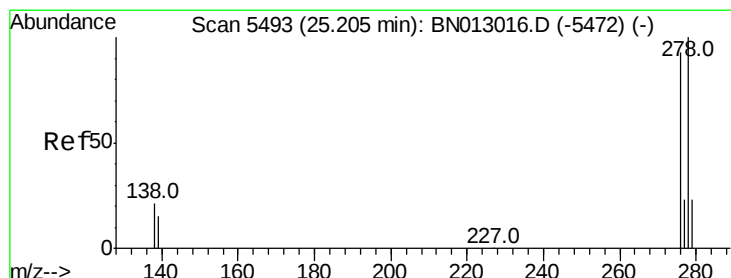
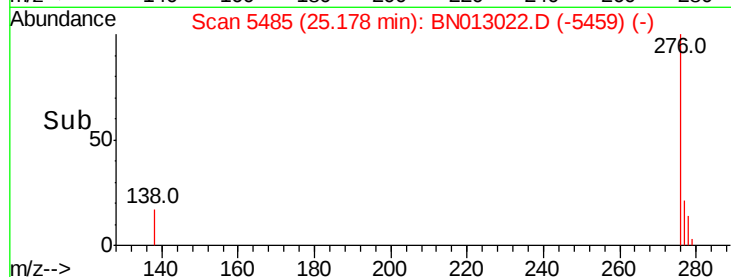
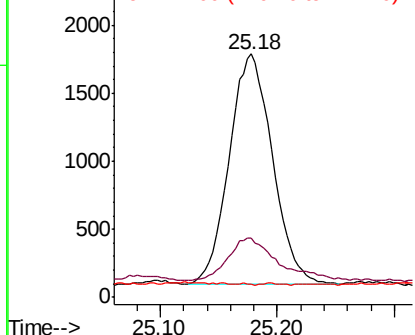
Indeno(1,2,3-cd)pyrene
Concen: 0.208 ng/u1
RT: 25.18 min Scan# 5485
Delta R.T. -0.01 min
Lab File: BN013022.D
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C0AY9

Tot Ion:276 Resp: 4351
Ion Ratio Lower Upper
276 100
138 21.5 16.2 24.2
227 0.2 0.0 0.0#



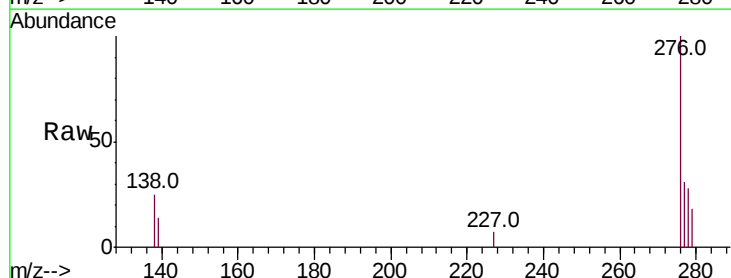
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



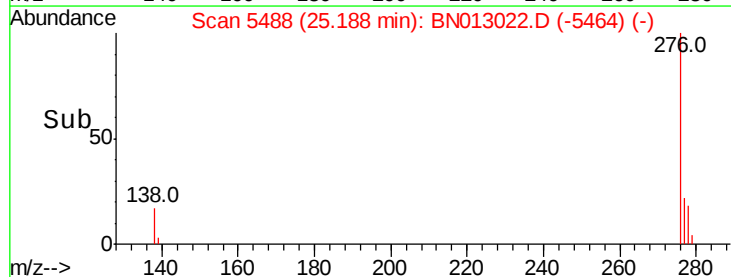
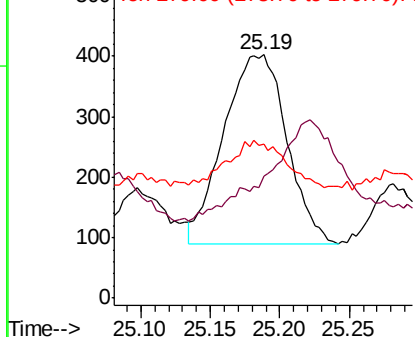
#25

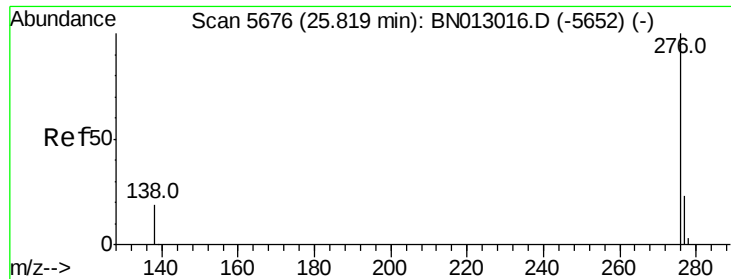
Dibenzo(a,h)anthracene
Concen: 0.060 ng/u1
RT: 25.19 min Scan# 5488
Delta R.T. -0.02 min
Lab File: BN013022.D
Acq: 09 Dec 2020 21:21

Tgt Ion:278 Resp: 987
Ion Ratio Lower Upper
278 100
139 50.4 14.5 21.7#
279 63.0 26.3 39.5#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.203 ng/ul

RT: 25.80 min Scan# 5671

Delta R.T. -0.02 min

Lab File: BN013022.D

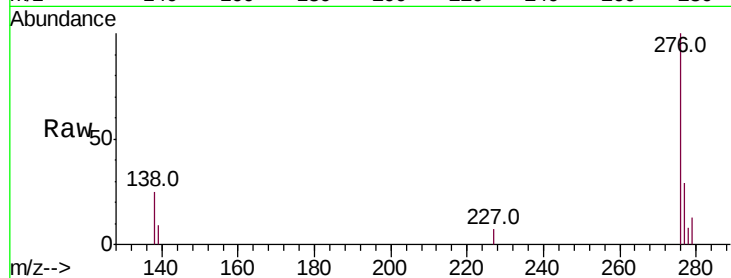
Acq: 09 Dec 2020 21:21

Instrument :

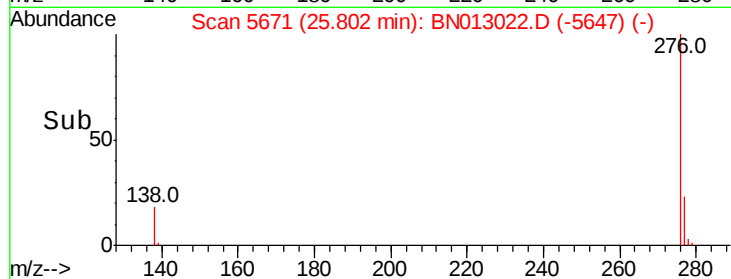
BNA_N

ClientSampleId :

C0AY9



Tot Ion:	276	Resp:	3851
Ion	Ratio	Lower	Upper
276	100		
138	25.3	16.3	24.5#
277	28.7	21.8	32.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

