

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012255.D
 Acq On : 16 Oct 2020 06:03
 Operator : CG/JU
 Sample : L4235-19
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 16 06:48:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 06:21:01 2020
 Response via : Initial Calibration

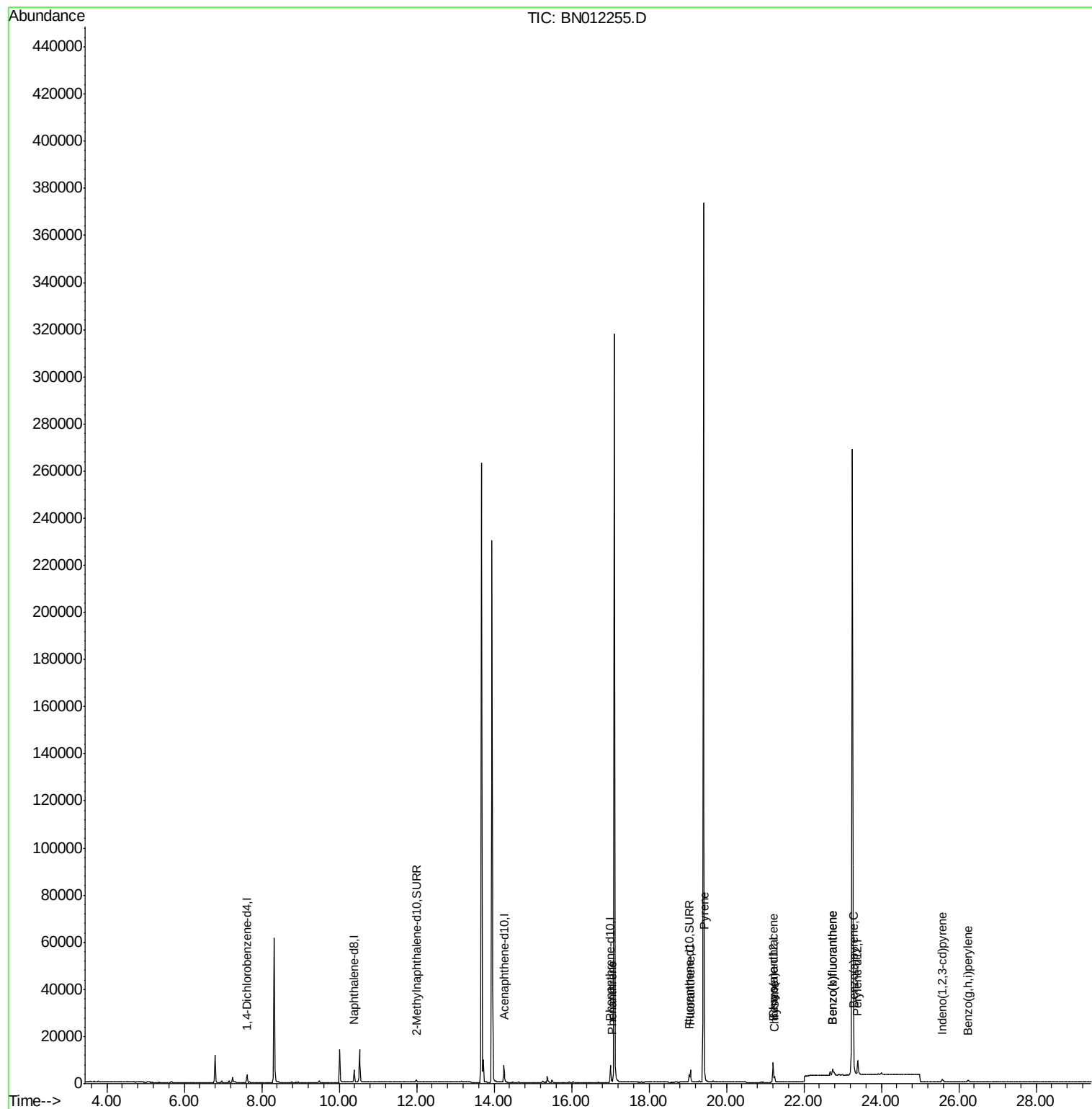
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1680	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7086	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4136	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	8605	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	7248	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	7625	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	1743	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	3916	0.17	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.05	178	1384	0.050	ng/ul#	90
15) Fluoranthene	19.07	202	4394	0.137	ng/ul	96
17) Pyrene	19.43	202	4379	0.134	ng/ul#	93
18) Benzo(a)anthracene	21.19	228	1774	0.066	ng/ul#	91
19) Chrysene	21.24	228	2606	0.080	ng/ul	95
21) Benzo(b)fluoranthene	22.74	252	4945	0.161	ng/ul#	64
22) Benzo(k)fluoranthene	22.74	252	4945	0.145	ng/ul#	62
23) Benzo(a)pyrene	23.29	252	2016	0.067	ng/ul#	54
24) Indeno(1,2,3-cd)pyrene	25.57	276	1668	0.043	ng/ul#	100
26) Benzo(g,h,i)perylene	26.24	276	1488	0.042	ng/ul#	76

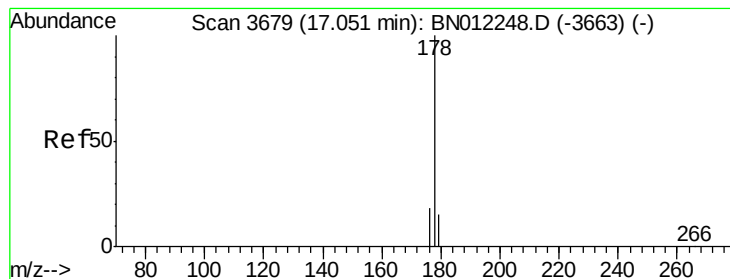
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.050 ng/ul

RT: 17.05 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN012255.D

Acq: 16 Oct 2020 06:03

Instrument :

BNA_N

ClientSampleId :

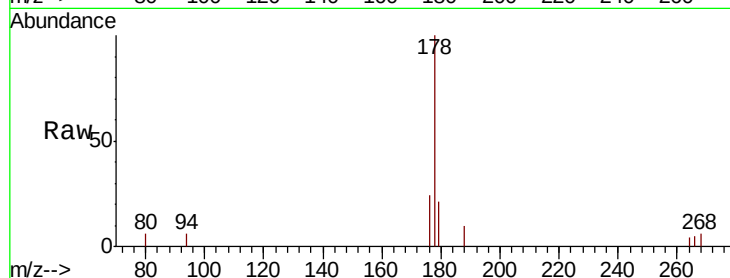
Tot Ion:178 Resp: 1384

Ion Ratio Lower Upper

178 100

179 21.2 13.4 20.2#

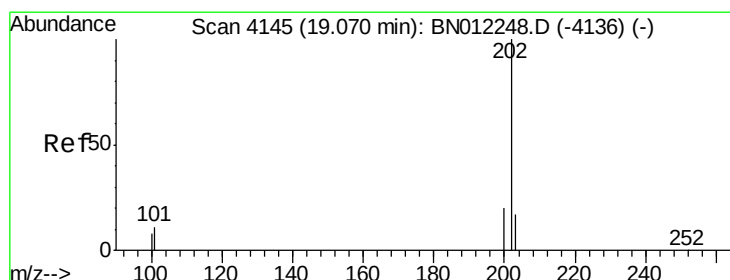
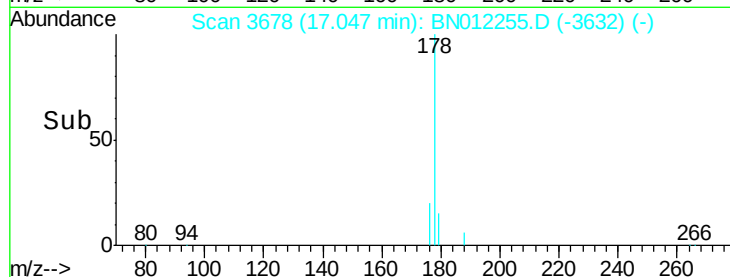
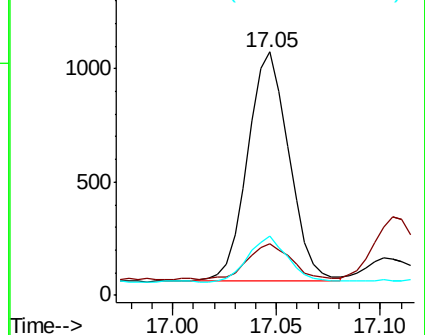
176 24.3 15.7 23.5#



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: 0.137 ng/ul

RT: 19.07 min Scan# 4145

Delta R.T. 0.00 min

Lab File: BN012255.D

Acq: 16 Oct 2020 06:03

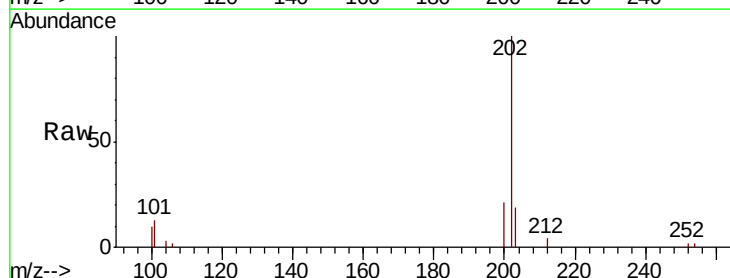
Tgt Ion:202 Resp: 4394

Ion Ratio Lower Upper

202 100

101 12.7 0.0 31.0

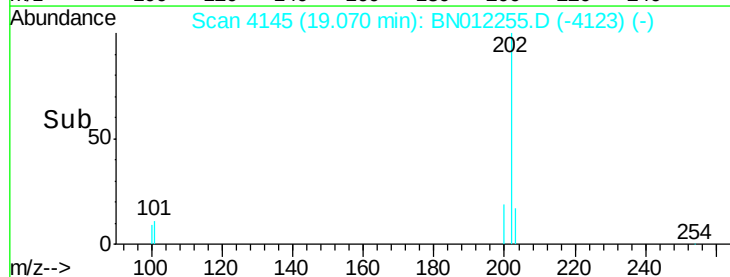
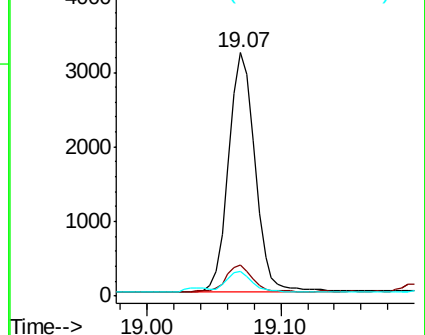
100 10.1 0.0 28.7

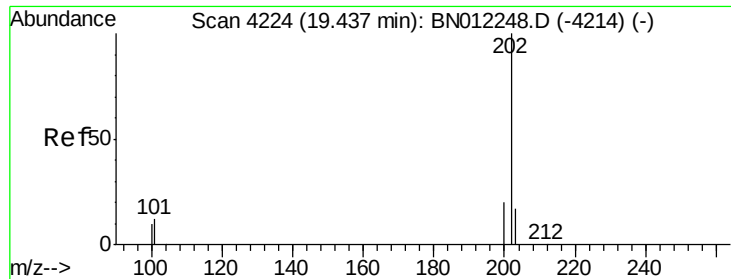


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

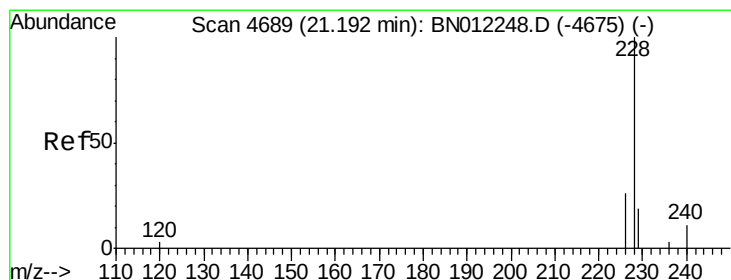
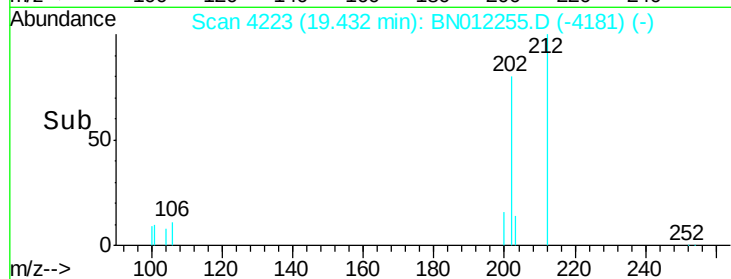
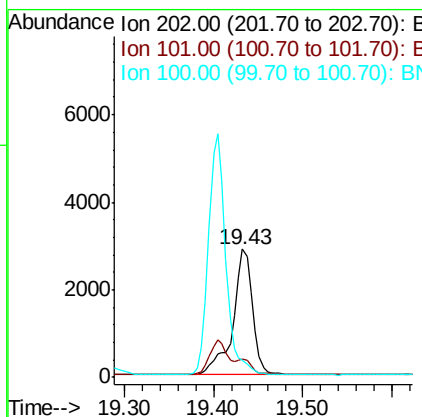
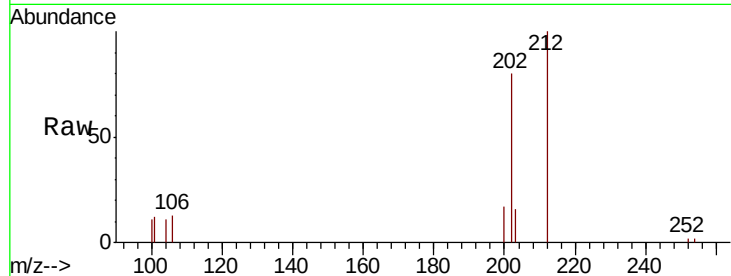




#17
 Pvrene
 Concen: 0.134 ng/ul
 RT: 19.43 min Scan# 4223
 Delta R.T. -0.00 min
 Lab File: BN012255.D
 Acq: 16 Oct 2020 06:03

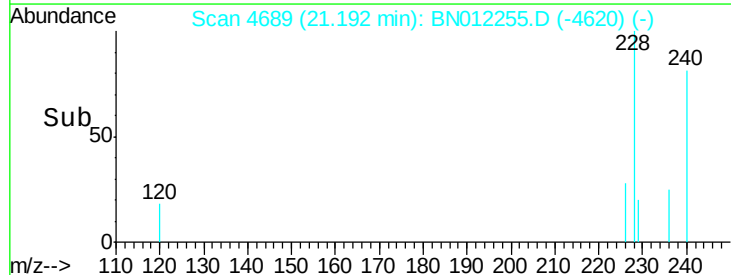
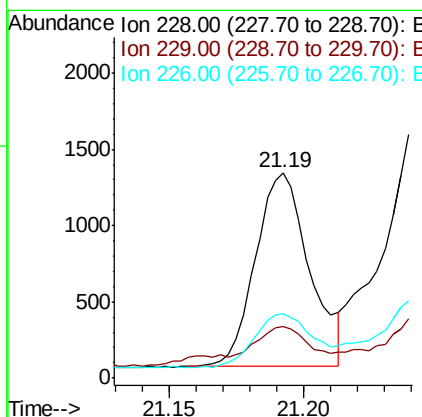
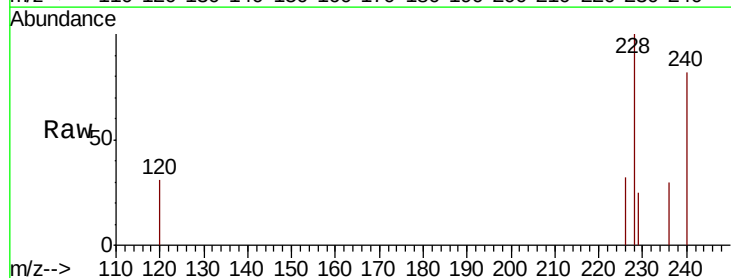
Instrument :
 BNA_N
 ClientSampleId :

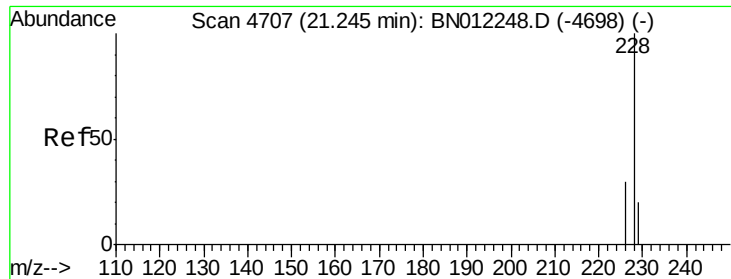
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.7	9.9	14.9
100	13.3	8.0	12.0



#18
 Benzo(a)anthracene
 Concen: 0.066 ng/ul
 RT: 21.19 min Scan# 4689
 Delta R.T. 0.00 min
 Lab File: BN012255.D
 Acq: 16 Oct 2020 06:03

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.2	15.8	23.8
226	31.6	22.6	33.8





#19

Chrysene

Concen: 0.080 ng/ul

RT: 21.24 min Scan# 4706

Delta R.T. -0.00 min

Lab File: BN012255.D

Acq: 16 Oct 2020 06:03

Instrument :

BNA_N

ClientSampleId :

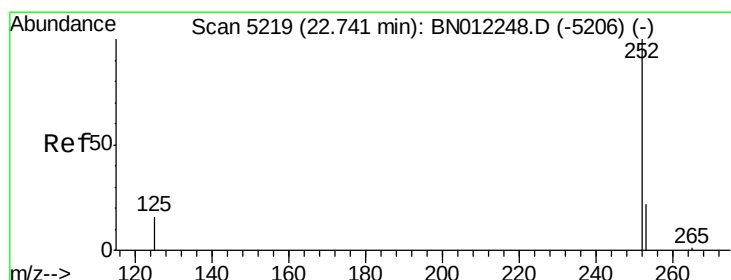
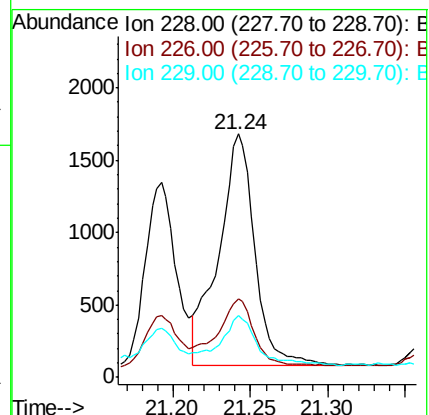
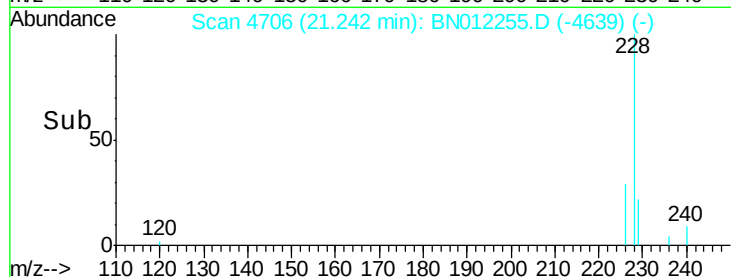
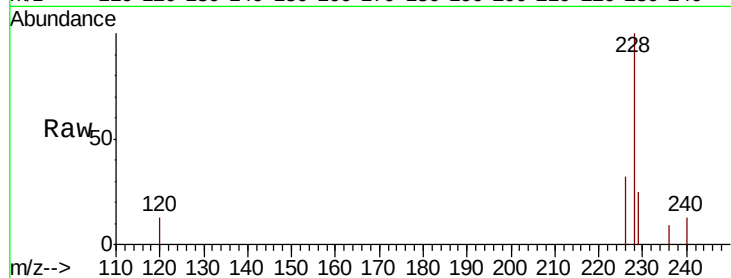
Tot Ion:228 Resp: 2606

Ion Ratio Lower Upper

228 100

226 32.3 24.6 37.0

229 25.3 17.0 25.6



#21

Benzo(b)fluoranthene

Concen: 0.161 ng/ul

RT: 22.74 min Scan# 5218

Delta R.T. -0.00 min

Lab File: BN012255.D

Acq: 16 Oct 2020 06:03

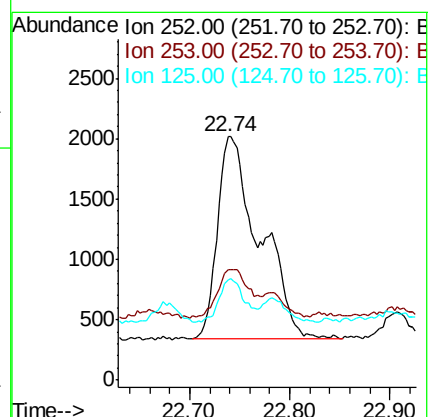
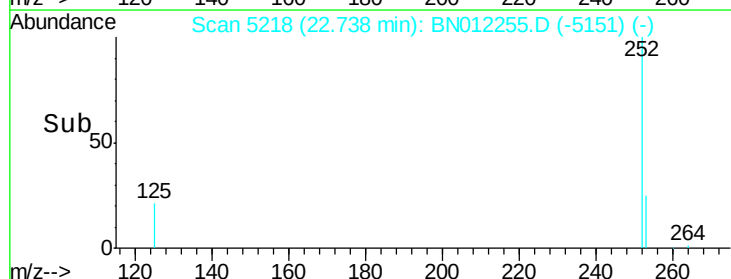
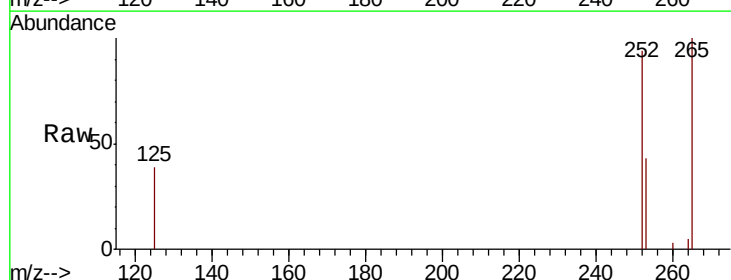
Tgt Ion:252 Resp: 4945

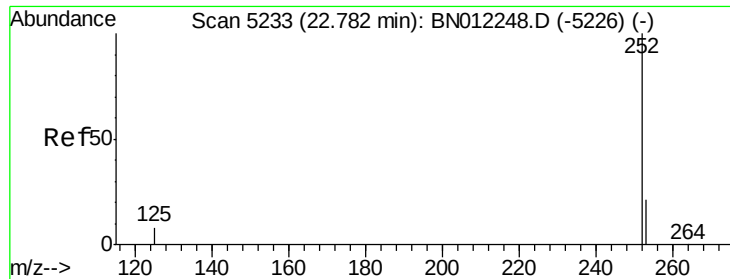
Ion Ratio Lower Upper

252 100

253 45.6 0.0 61.6

125 41.1 0.0 36.8#





#22

Benzo(k)fluoranthene

Concen: 0.145 ng/ul

RT: 22.74 min Scan# 5218

Delta R.T. -0.04 min

Lab File: BN012255.D

Acq: 16 Oct 2020 06:03

Instrument :

BNA_N

ClientSampled :

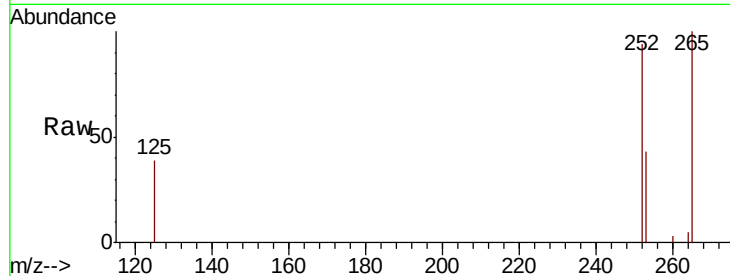
Tot Ion:252 Resp: 4945

Ion Ratio Lower Upper

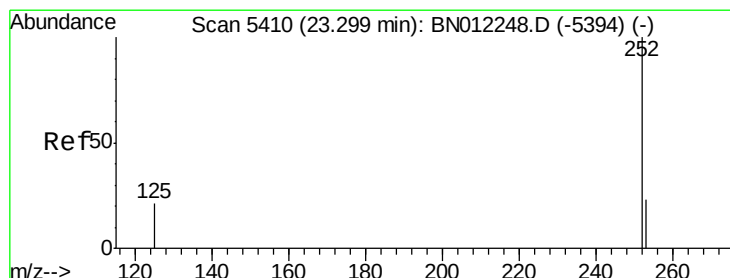
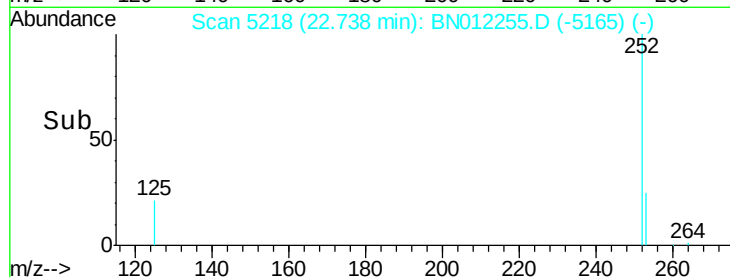
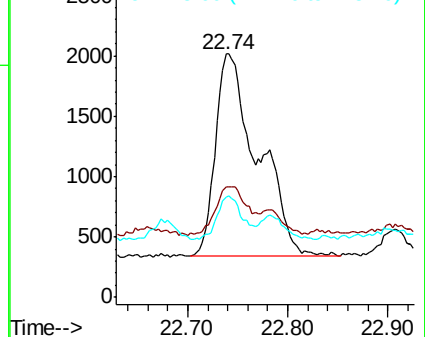
252 100

253 45.6 24.4 36.6#

125 41.1 12.9 19.3#



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: 0.067 ng/ul

RT: 23.29 min Scan# 5408

Delta R.T. -0.01 min

Lab File: BN012255.D

Acq: 16 Oct 2020 06:03

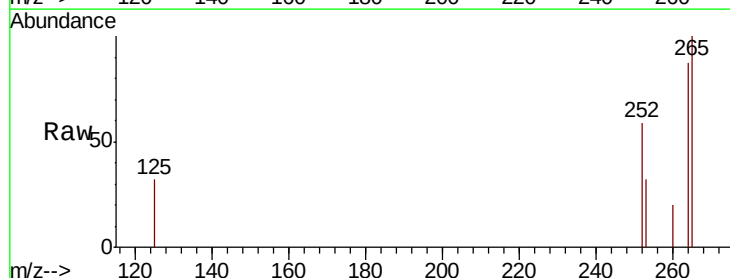
Tgt Ion:252 Resp: 2016

Ion Ratio Lower Upper

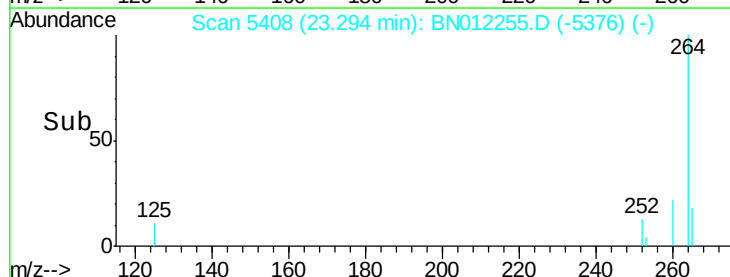
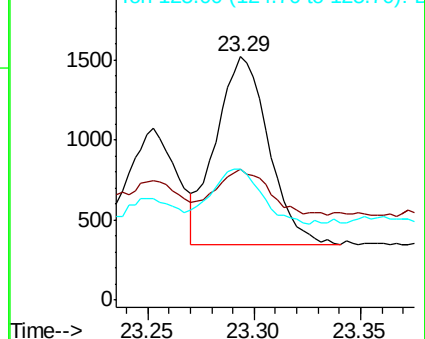
252 100

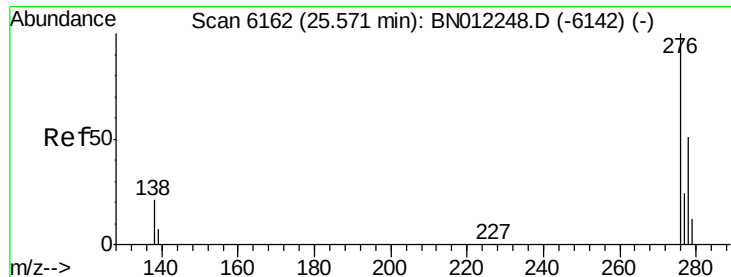
253 53.6 27.0 40.4#

125 53.9 18.8 28.2#



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



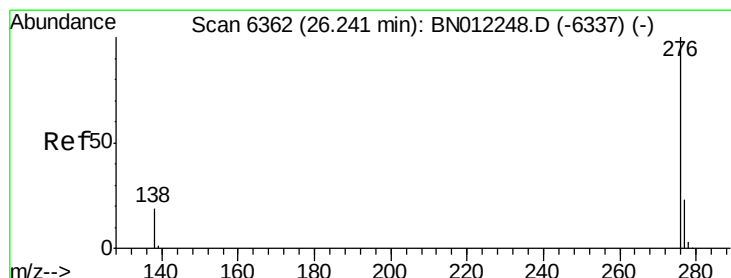
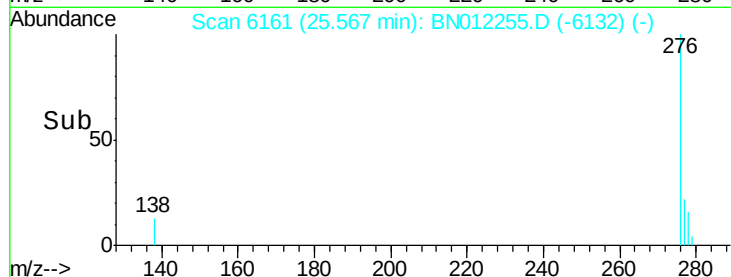
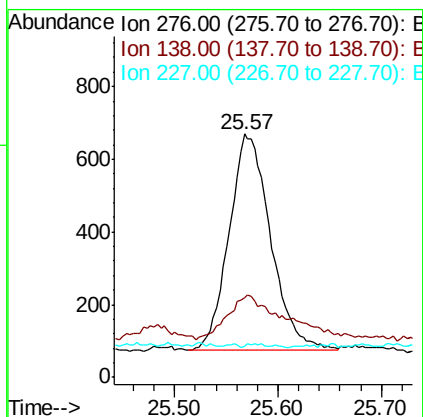
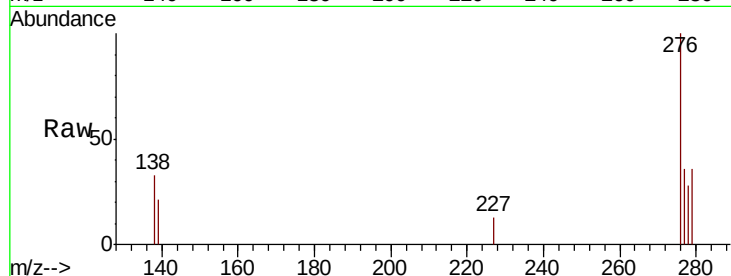


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.043 ng/ul
RT: 25.57 min Scan# 6161
Delta R.T. -0.00 min
Lab File: BN012255.D
Acq: 16 Oct 2020 06:03

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.2	0.0	0.0#
227	0.5	0.0	0.0#



#26

Benzo(g,h,i)perylene
Concen: 0.042 ng/ul
RT: 26.24 min Scan# 6361
Delta R.T. -0.00 min
Lab File: BN012255.D
Acq: 16 Oct 2020 06:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.4	17.1	25.7#
277	36.6	21.1	31.7#

