

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012254.D
 Acq On : 16 Oct 2020 05:27
 Operator : CG/JU
 Sample : L4235-17
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 16 06:28:38 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

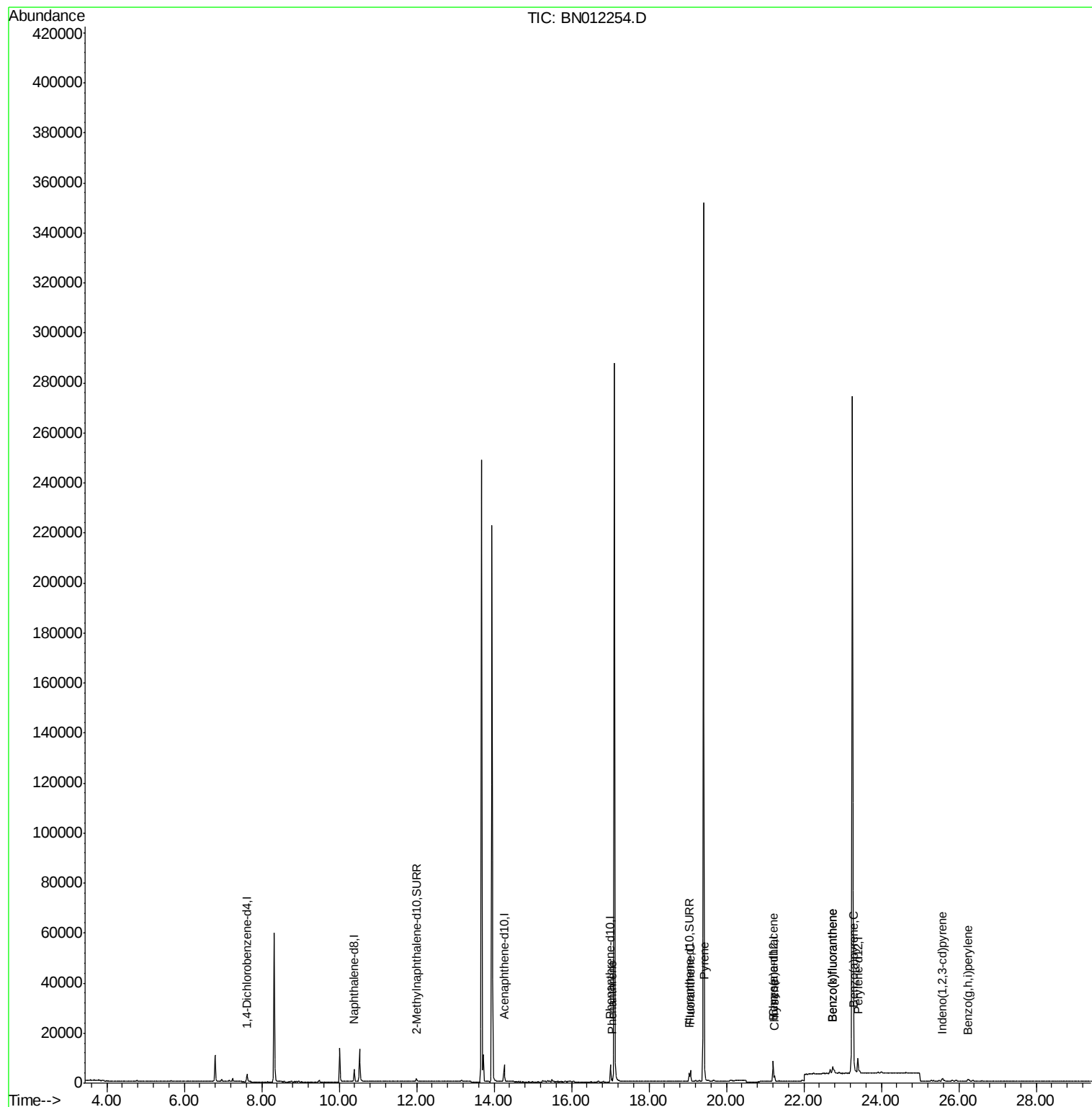
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1587	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	6701	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3888	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	8009	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	6907	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	7377	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	1711	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	3880	0.18	ng/ul	0.00
Target Compounds						
12) Phenanthrene	17.05	178	1109	0.043	ng/ul#	90
15) Fluoranthene	19.07	202	3971	0.133	ng/ul	95
17) Pyrene	19.44	202	4046	0.130	ng/ul#	94
18) Benzo(a)anthracene	21.19	228	1672	0.065	ng/ul#	89
19) Chrysene	21.24	228	2524	0.081	ng/ul	95
21) Benzo(b)fluoranthene	22.74	252	5200	0.175	ng/ul#	60
22) Benzo(k)fluoranthene	22.74	252	5200	0.158	ng/ul#	57
23) Benzo(a)pyrene	23.30	252	1951	0.067	ng/ul#	49
24) Indeno(1,2,3-cd)pyrene	25.57	276	1755	0.047	ng/ul#	100
26) Benzo(g,h,i)perylene	26.24	276	1580	0.046	ng/ul#	71

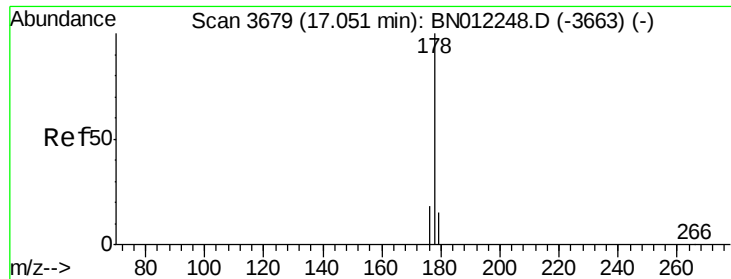
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.043 ng/ul

RT: 17.05 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN012254.D

Acq: 16 Oct 2020 05:27

Instrument :

BNA_N

ClientSampleId :

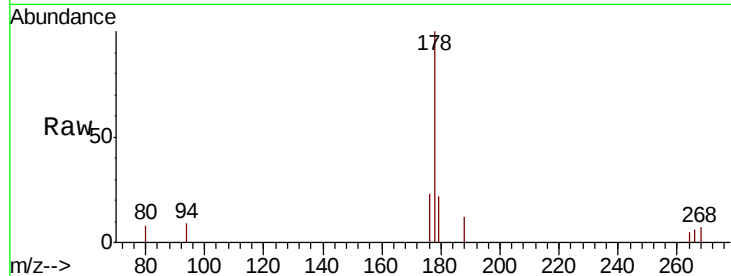
Tot Ion:178 Resp: 1109

Ion Ratio Lower Upper

178 100

179 22.0 13.4 20.2#

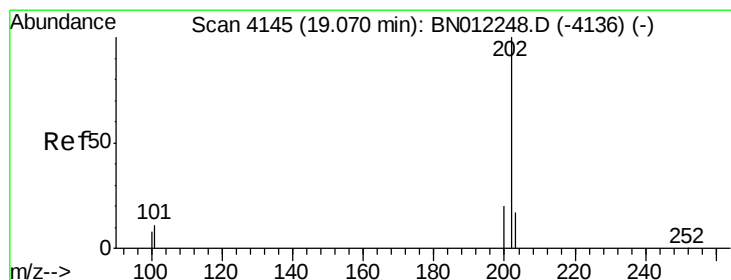
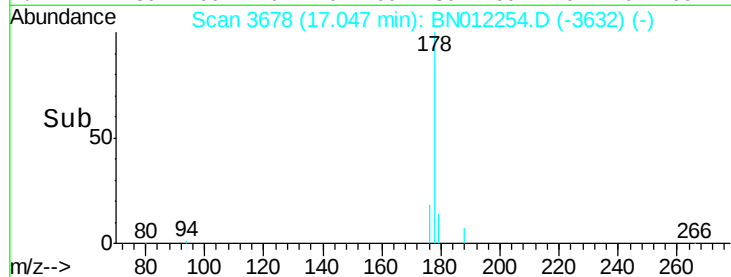
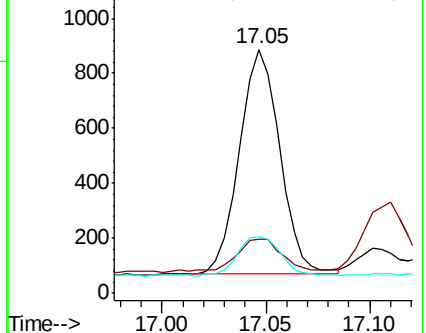
176 23.3 15.7 23.5



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: 0.133 ng/ul

RT: 19.07 min Scan# 4145

Delta R.T. 0.00 min

Lab File: BN012254.D

Acq: 16 Oct 2020 05:27

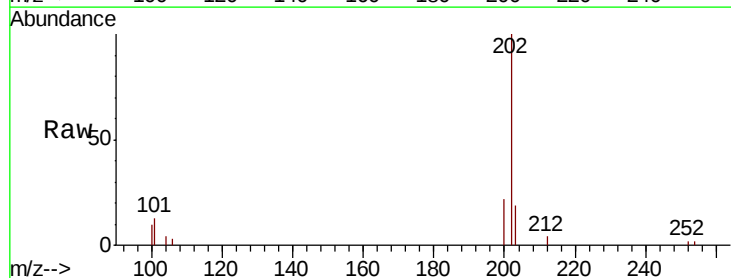
Tgt Ion:202 Resp: 3971

Ion Ratio Lower Upper

202 100

101 13.0 0.0 31.0

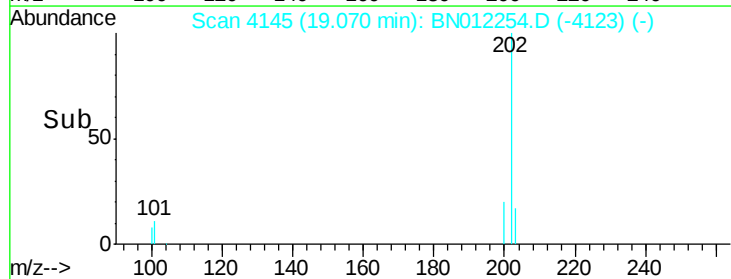
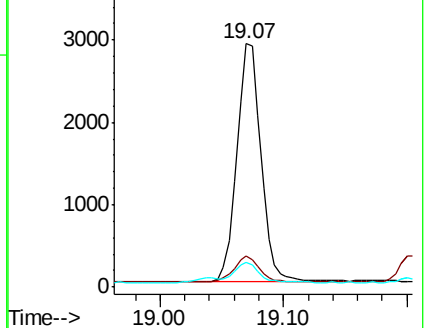
100 10.1 0.0 28.7

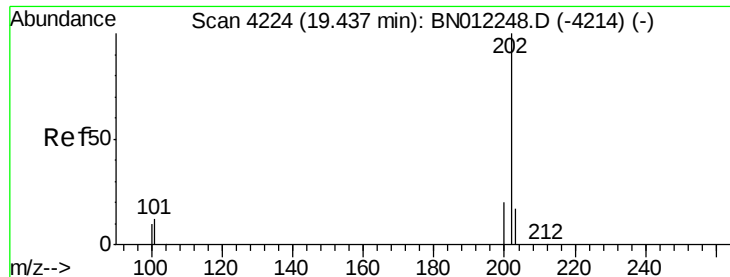


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

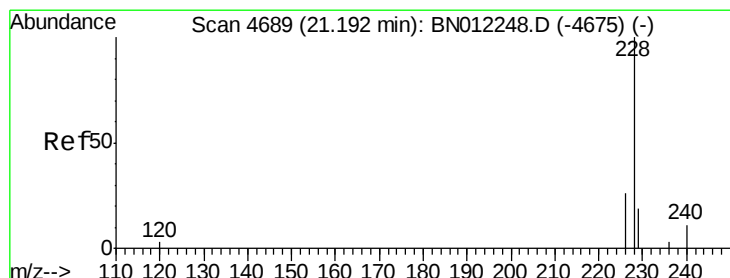
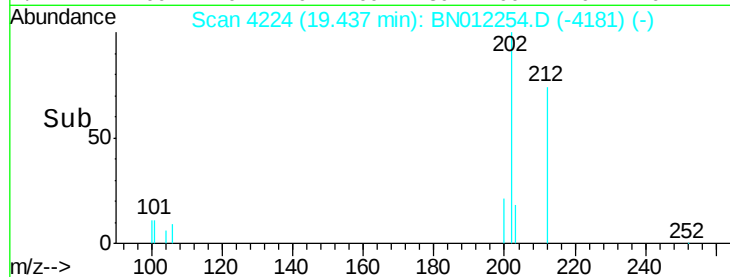
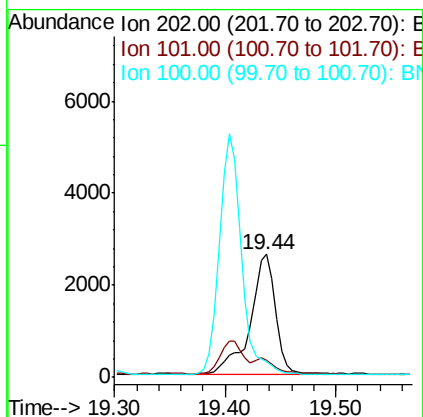
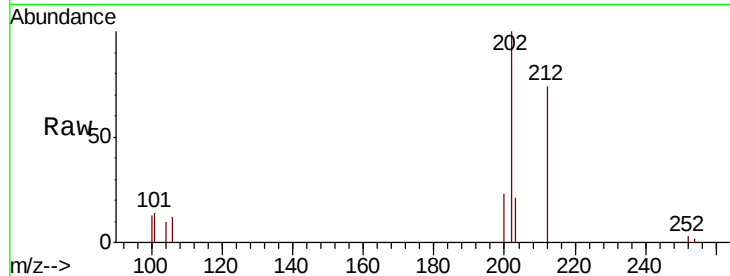




#17
Pvrene
Concen: 0.130 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. 0.00 min
Lab File: BN012254.D
Acq: 16 Oct 2020 05:27

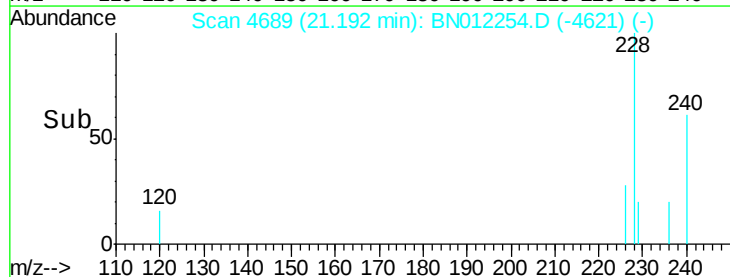
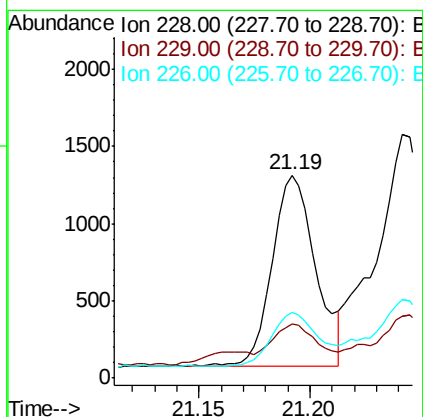
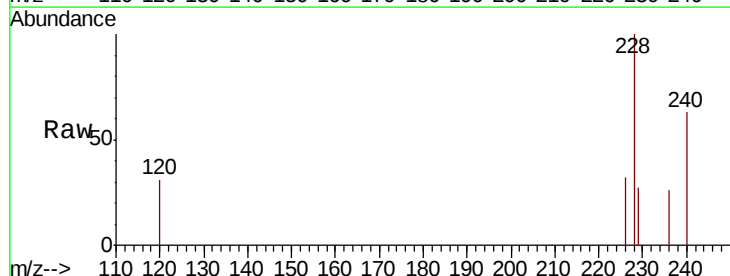
Instrument :
BNA_N
ClientSampleId :

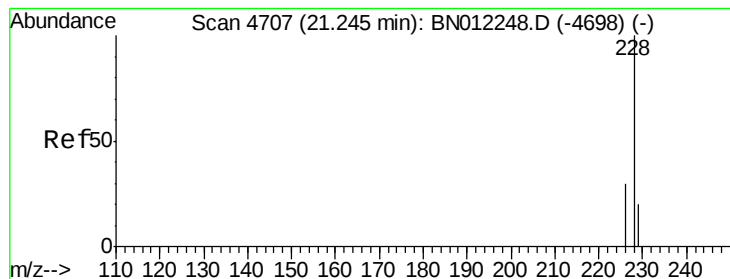
Tot Ion:202 Resp: 4046
Ion Ratio Lower Upper
202 100
101 14.2 9.9 14.9
100 12.7 8.0 12.0#



#18
Benzo(a)anthracene
Concen: 0.065 ng/ul
RT: 21.19 min Scan# 4689
Delta R.T. 0.00 min
Lab File: BN012254.D
Acq: 16 Oct 2020 05:27

Tgt Ion:228 Resp: 1672
Ion Ratio Lower Upper
228 100
229 27.0 15.8 23.8#
226 32.3 22.6 33.8





#19

Chrysene

Concen: 0.081 ng/ul

RT: 21.24 min Scan# 4706

Delta R.T. -0.00 min

Lab File: BN012254.D

Acq: 16 Oct 2020 05:27

Instrument :

BNA_N

ClientSampleId :

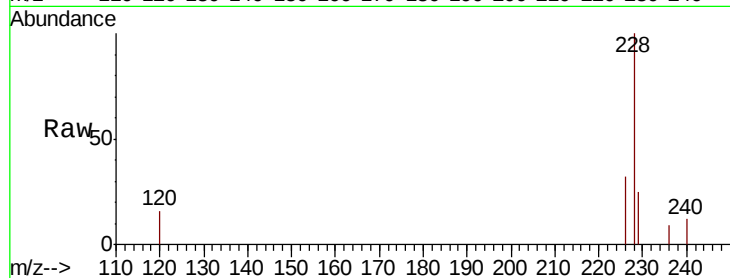
Tot Ion:228 Resp: 2524

Ion Ratio Lower Upper

228 100

226 32.3 24.6 37.0

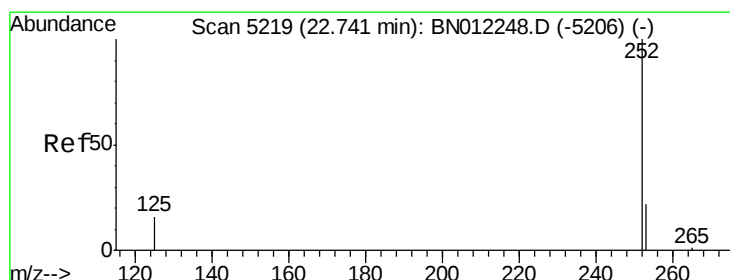
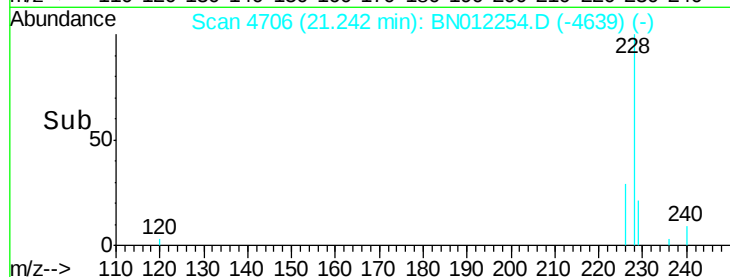
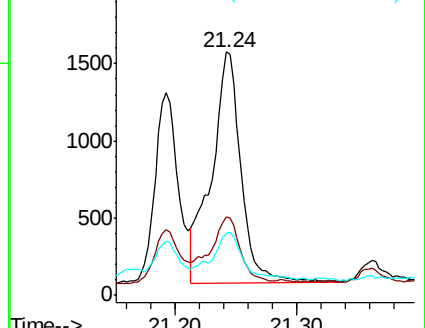
229 25.2 17.0 25.6



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: 0.175 ng/ul

RT: 22.74 min Scan# 5219

Delta R.T. 0.00 min

Lab File: BN012254.D

Acq: 16 Oct 2020 05:27

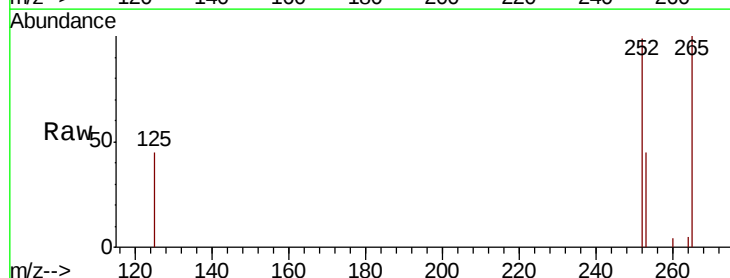
Tgt Ion:252 Resp: 5200

Ion Ratio Lower Upper

252 100

253 46.1 0.0 61.6

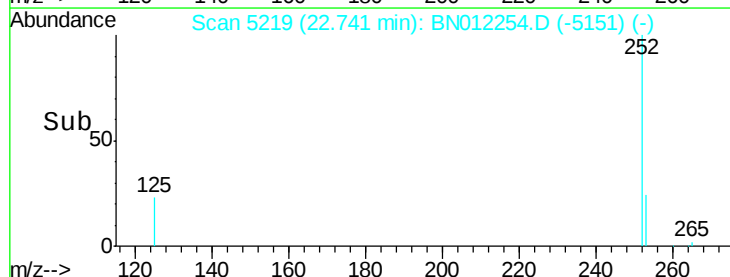
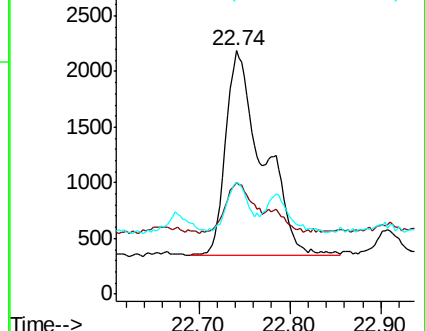
125 45.7 0.0 36.8#

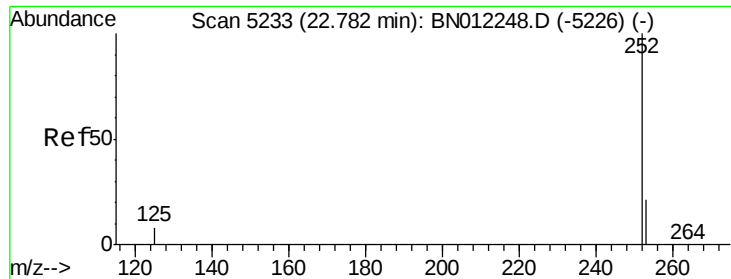


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.158 ng/ul

RT: 22.74 min Scan# 5219

Delta R.T. -0.04 min

Lab File: BN012254.D

Acq: 16 Oct 2020 05:27

Instrument :

BNA_N

ClientSampled :

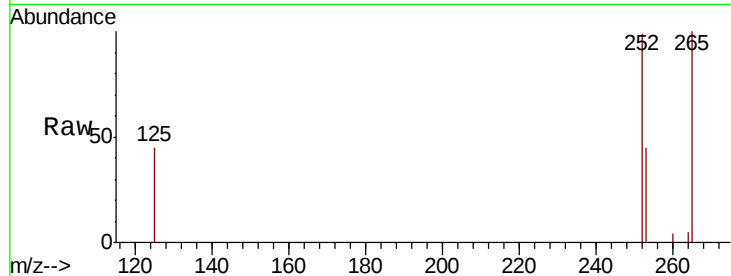
Tot Ion:252 Resp: 5200

Ion Ratio Lower Upper

252 100

253 46.1 24.4 36.6#

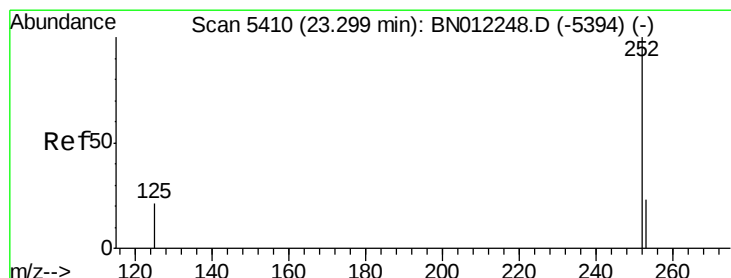
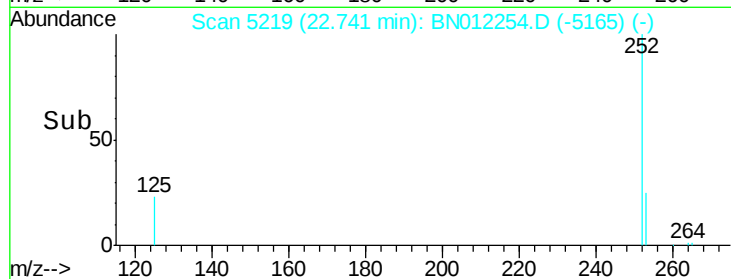
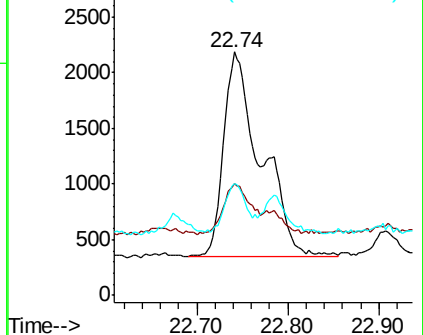
125 45.7 12.9 19.3#



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: 23.30 min Scan# 5409

Delta R.T. -0.00 min

Lab File: BN012254.D

Acq: 16 Oct 2020 05:27

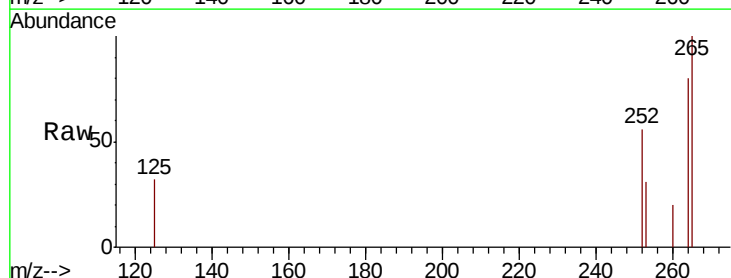
Tgt Ion:252 Resp: 1951

Ion Ratio Lower Upper

252 100

253 55.8 27.0 40.4#

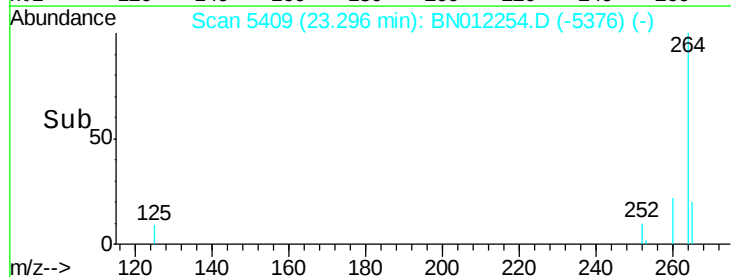
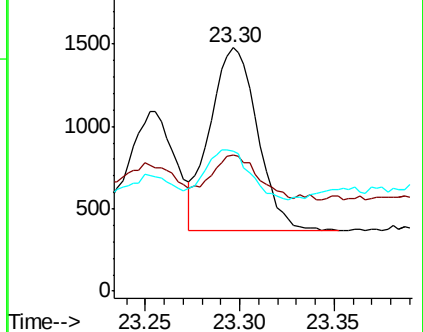
125 57.3 18.8 28.2#

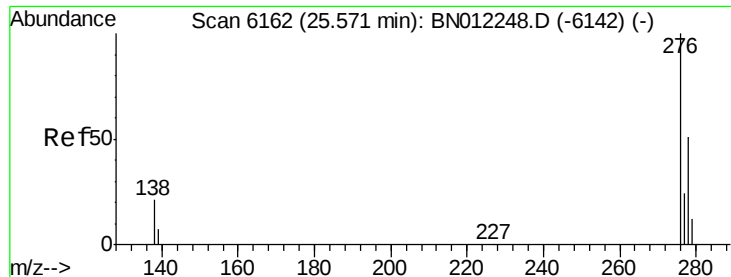


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



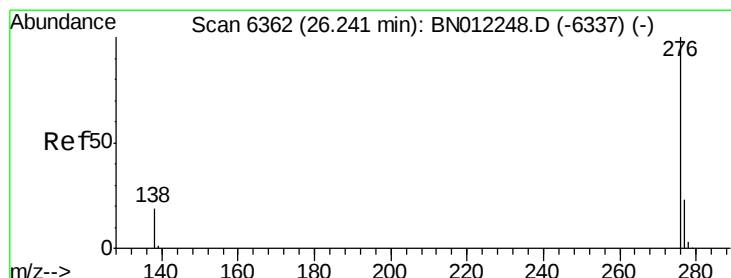
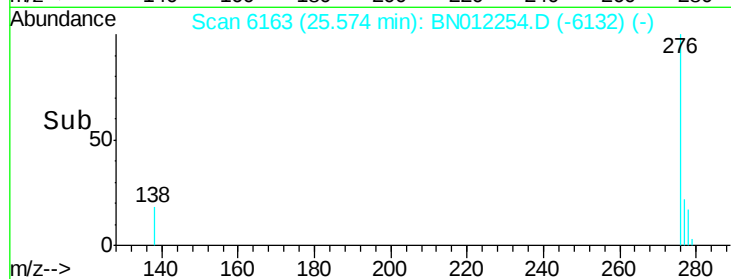
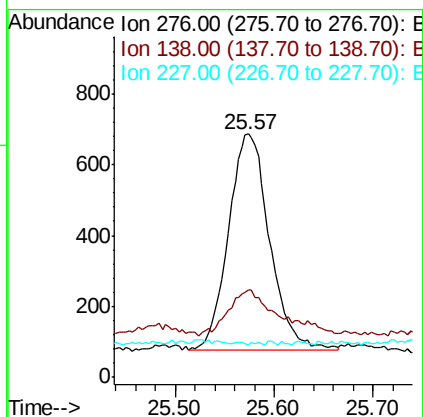
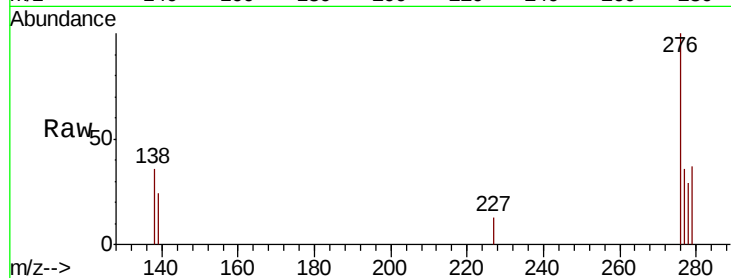


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.047 ng/ul
RT: 25.57 min Scan# 6163
Delta R.T. 0.00 min
Lab File: BN012254.D
Acq: 16 Oct 2020 05:27

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.8	0.0	0.0#
227	0.3	0.0	0.0#



#26

Benzo(g,h,i)perylene
Concen: 0.046 ng/ul
RT: 26.24 min Scan# 6361
Delta R.T. -0.00 min
Lab File: BN012254.D
Acq: 16 Oct 2020 05:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	37.0	17.1	25.7#
277	40.0	21.1	31.7#

