

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012209.D
 Acq On : 14 Oct 2020 23:56
 Operator : CG/JU
 Sample : L4166-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 15 00:54:39 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 : Thu Oct 15 00:46:15 2020
 Response via : Initial Calibration

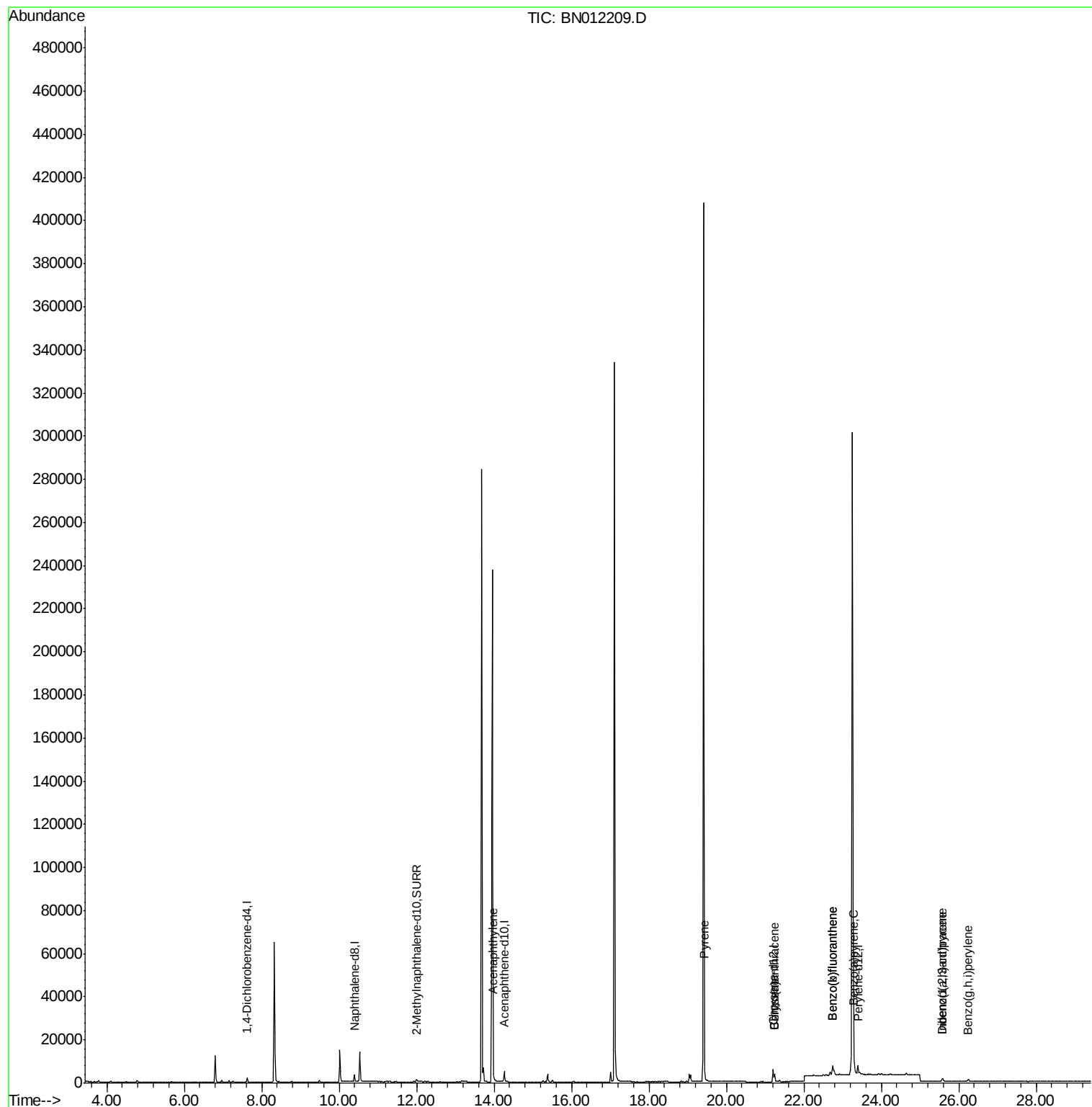
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1111	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	4482	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	2692	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.01
16) Chrysene-d12	21.21	240	4740	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	5368	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1810	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	4121	0.00	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.98	152	494	0.042	ng/ul#	74
17) Pyrene	19.44	202	3456	0.162	ng/ul#	91
18) Benzo(a)anthracene	21.24	228	4023	0.229	ng/ul	94
19) Chrysene	21.24	228	4174	0.195	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	9463	0.436	ng/ul	88
22) Benzo(k)fluoranthene	22.74	252	9463	0.394	ng/ul#	86
23) Benzo(a)pyrene	23.30	252	3992	0.189	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.57	276	2534	0.094	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	651	0.030	ng/ul#	5
26) Benzo(g,h,i)perylene	26.24	276	2189	0.088	ng/ul#	86

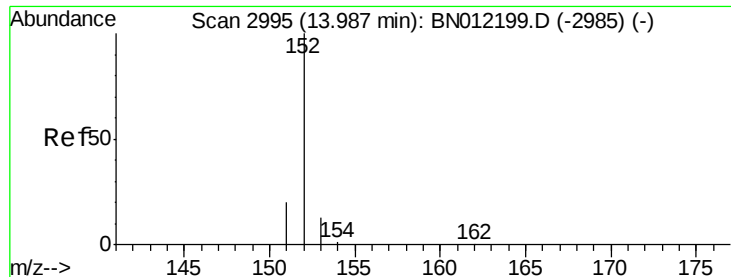
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.042 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BN012209.D

Acq: 14 Oct 2020 23:56

Instrument :

BNA_N

ClientSampleId :

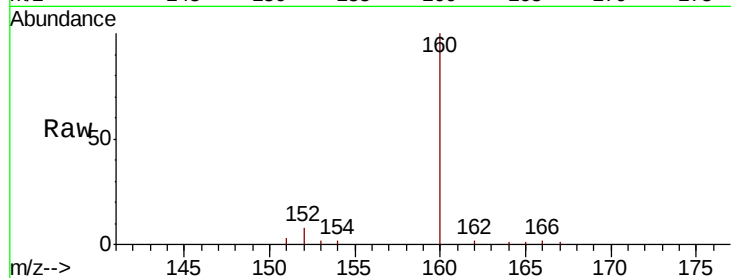
Tot Ion:152 Resp: 494

Ion Ratio Lower Upper

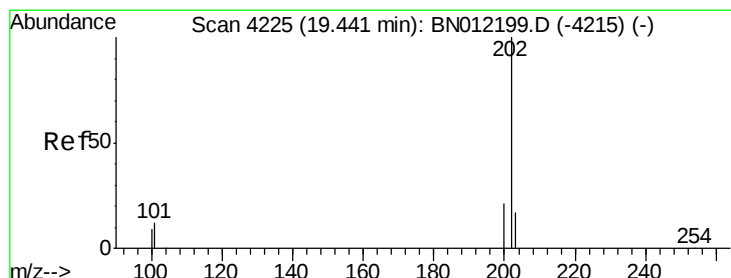
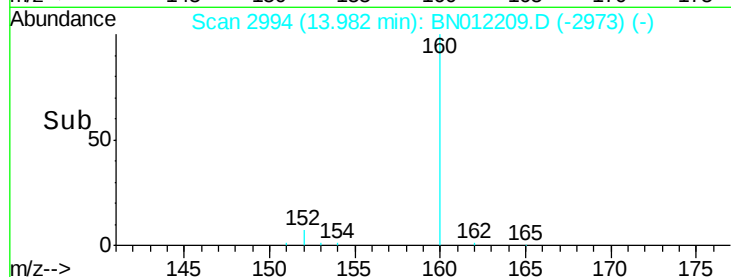
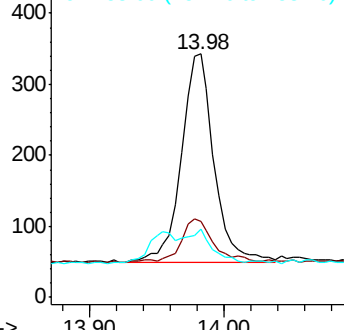
152 100

151 31.5 16.7 25.1#

153 28.0 11.8 17.8#



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



#17

Pyrene

Concen: 0.162 ng/ul

RT: 19.44 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN012209.D

Acq: 14 Oct 2020 23:56

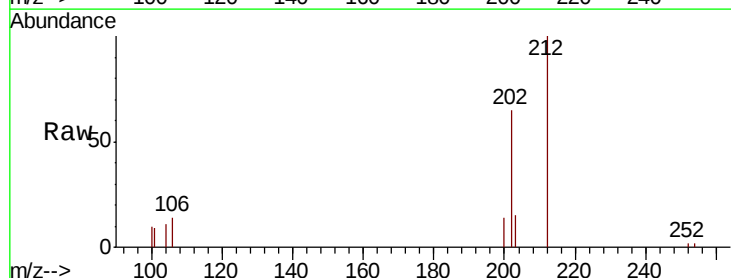
Tgt Ion:202 Resp: 3456

Ion Ratio Lower Upper

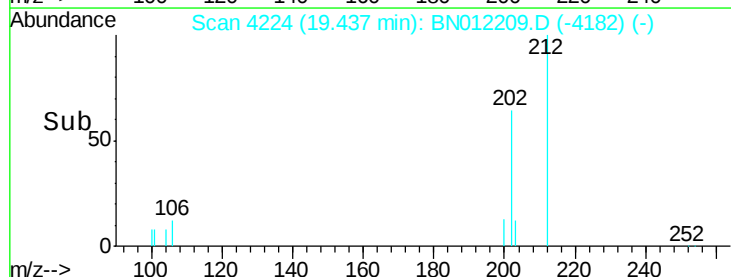
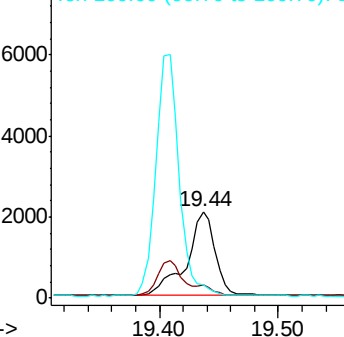
202 100

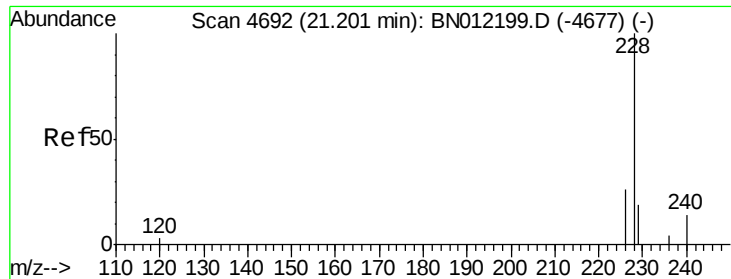
101 14.6 9.9 14.9

100 14.8 8.0 12.0#



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

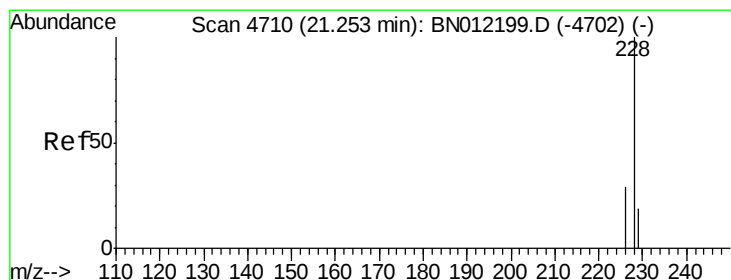
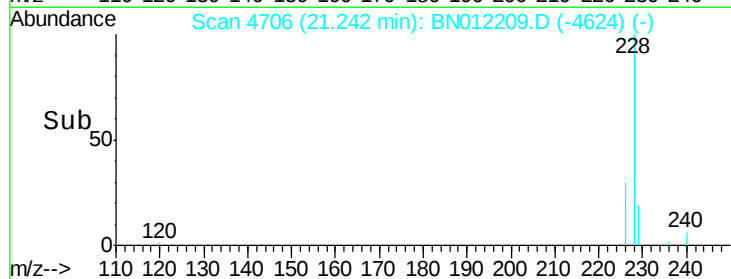
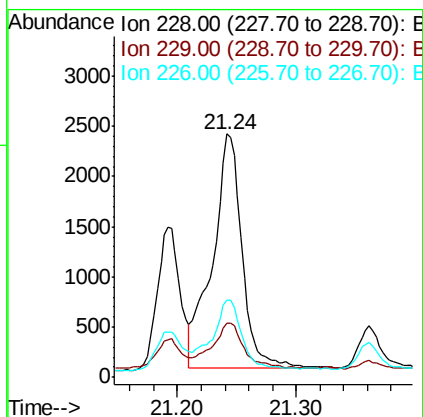
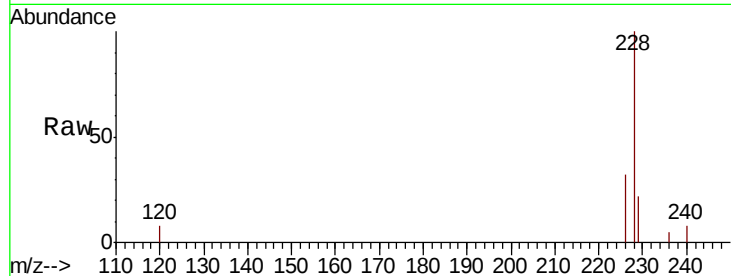




#18
Benzo(a)anthracene
Concen: 0.229 ng/ul
RT: 21.24 min Scan# 4706
Delta R.T. 0.04 min
Lab File: BN012209.D
Acq: 14 Oct 2020 23:56

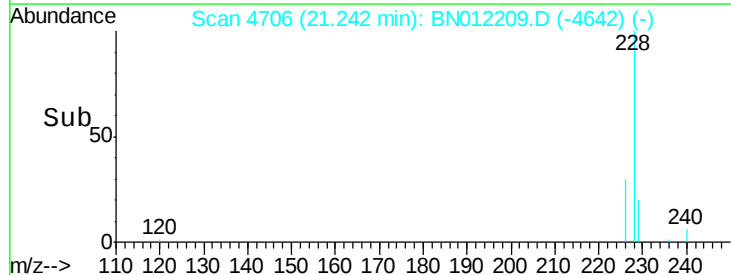
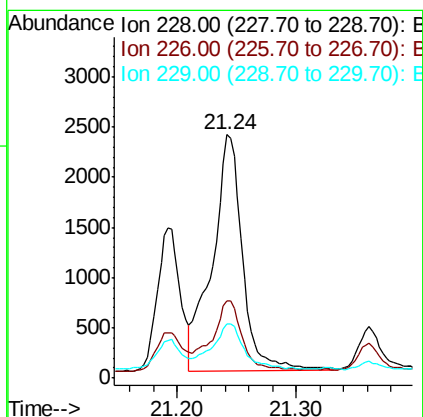
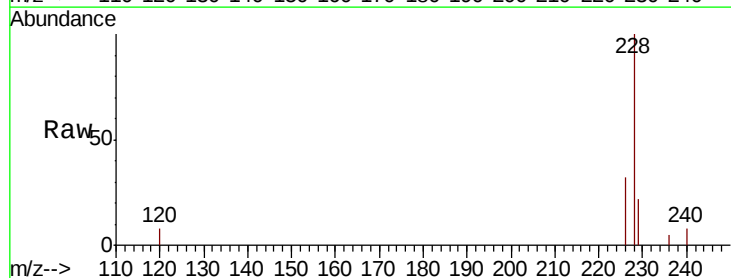
Instrument :
BNA_N
ClientSampleId :

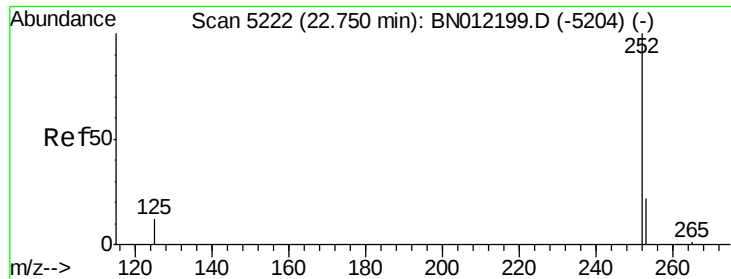
Tot Ion:228 Resp: 4023
Ion Ratio Lower Upper
228 100
229 22.4 15.8 23.8
226 31.8 22.6 33.8



#19
Chrysene
Concen: 0.195 ng/ul
RT: 21.24 min Scan# 4706
Delta R.T. -0.01 min
Lab File: BN012209.D
Acq: 14 Oct 2020 23:56

Tgt Ion:228 Resp: 4174
Ion Ratio Lower Upper
228 100
226 31.8 24.6 37.0
229 22.4 17.0 25.6





#21

Benzo(b)fluoranthene

Concen: 0.436 ng/ul

RT: 22.74 min Scan# 5219

Delta R.T. -0.01 min

Lab File: BN012209.D

Acq: 14 Oct 2020 23:56

Instrument :

BNA_N

ClientSampleId :

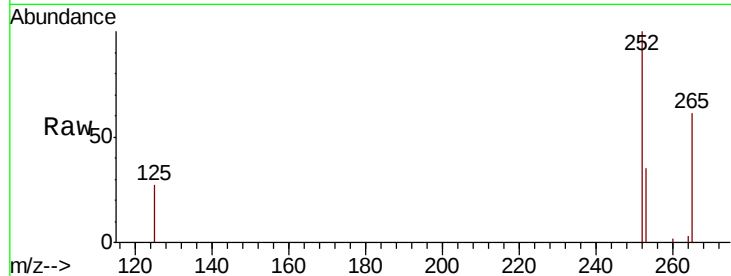
Tot Ion:252 Resp: 9463

Ion Ratio Lower Upper

252 100

253 34.8 0.0 61.6

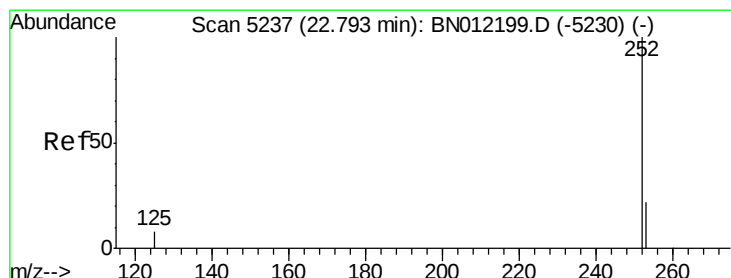
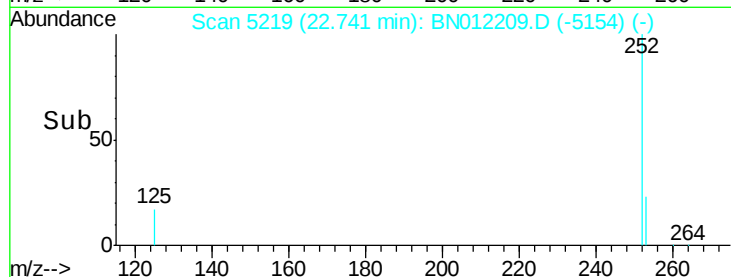
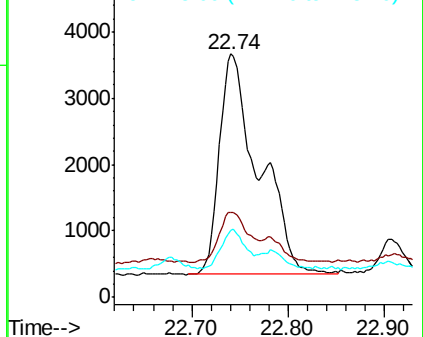
125 27.4 0.0 36.8



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: 0.394 ng/ul

RT: 22.74 min Scan# 5219

Delta R.T. -0.05 min

Lab File: BN012209.D

Acq: 14 Oct 2020 23:56

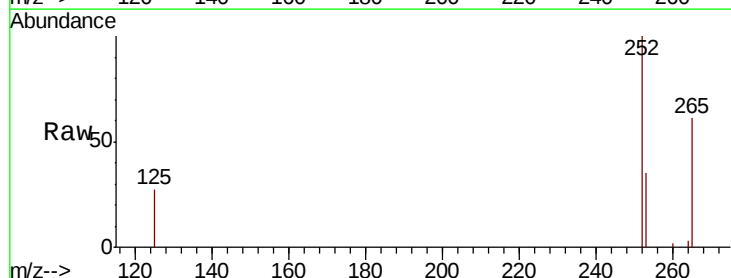
Tgt Ion:252 Resp: 9463

Ion Ratio Lower Upper

252 100

253 34.8 24.4 36.6

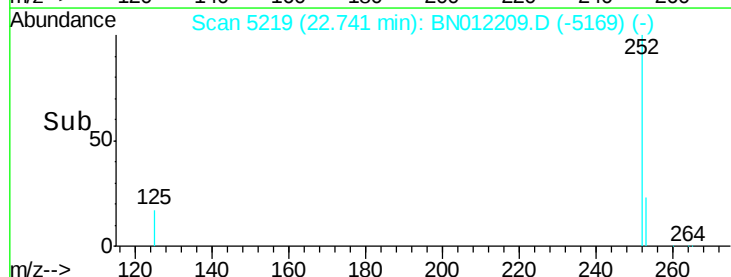
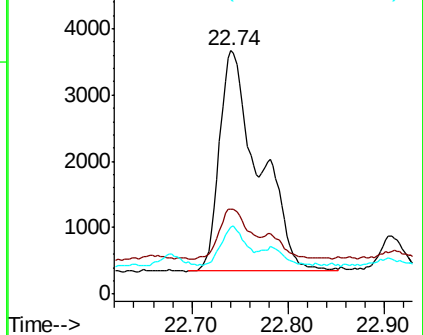
125 27.4 12.9 19.3#

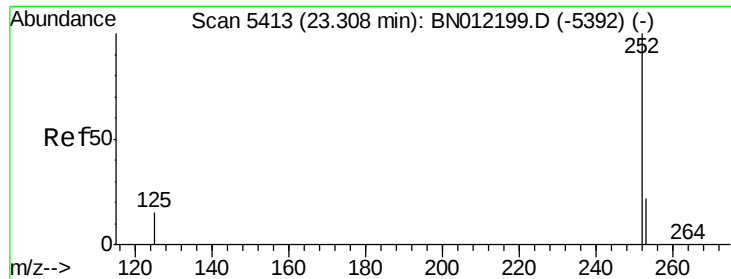


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.189 ng/ul

RT: 23.30 min Scan# 5409

Delta R.T. -0.01 min

Lab File: BN012209.D

Acq: 14 Oct 2020 23:56

Instrument :

BNA_N

ClientSampleId :

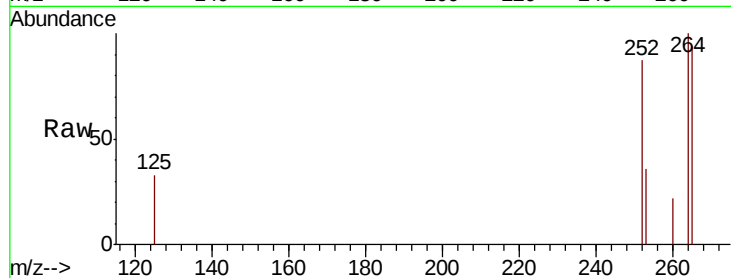
Tot Ion:252 Resp: 3992

Ion Ratio Lower Upper

252 100

253 41.4 27.0 40.4#

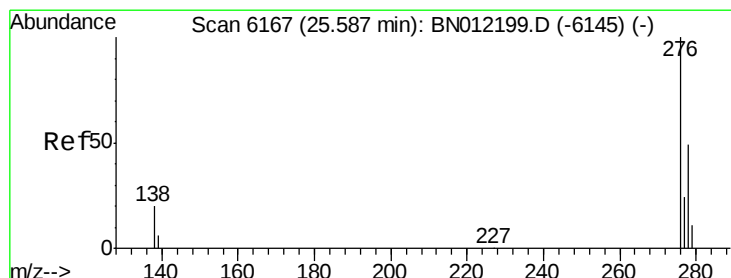
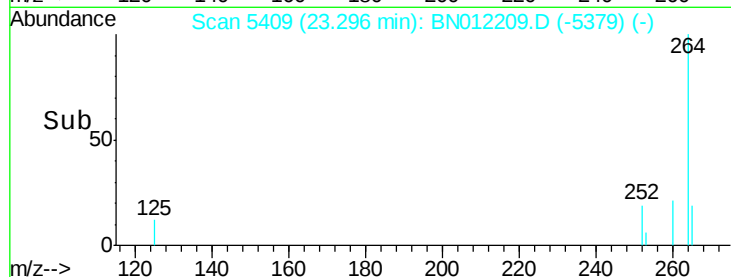
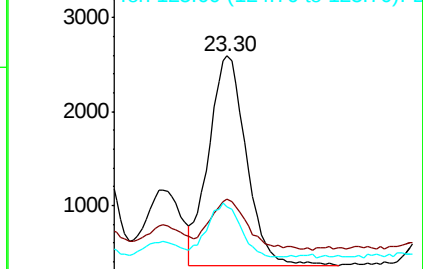
125 37.8 18.8 28.2#



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: 0.094 ng/ul

RT: 25.57 min Scan# 6163

Delta R.T. -0.01 min

Lab File: BN012209.D

Acq: 14 Oct 2020 23:56

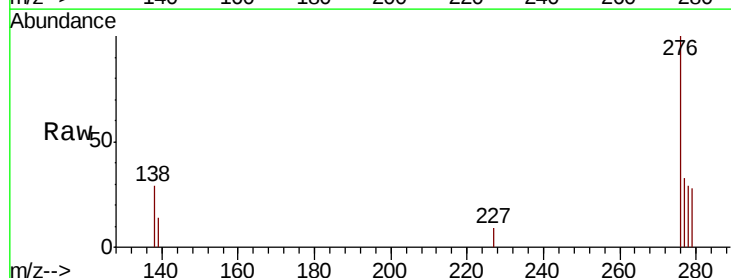
Tgt Ion:276 Resp: 2534

Ion Ratio Lower Upper

276 100

138 20.9 0.0 0.0#

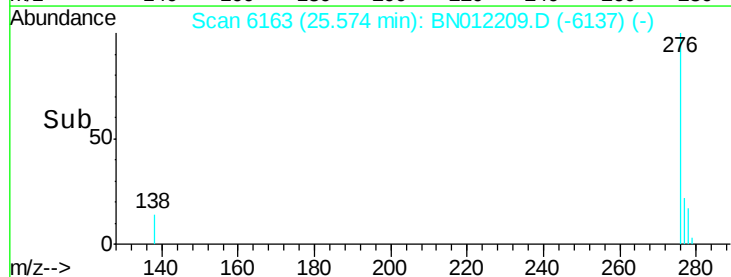
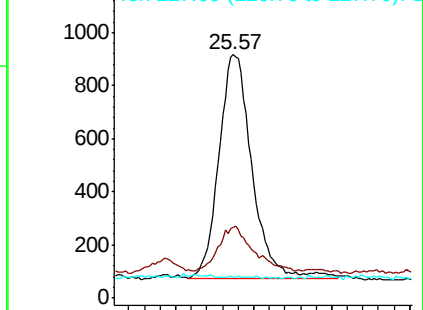
227 0.2 0.0 0.0#

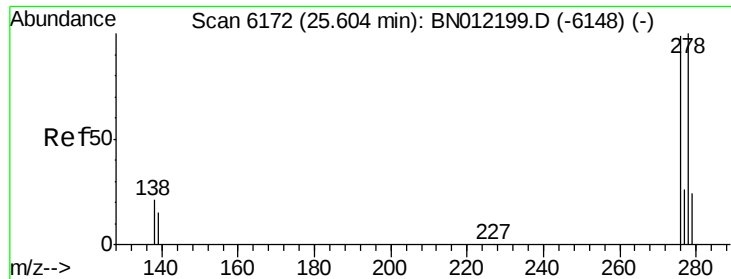


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



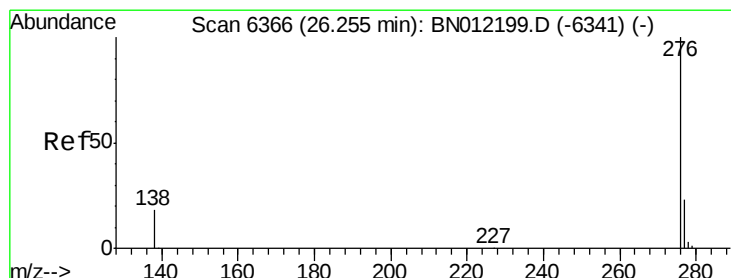
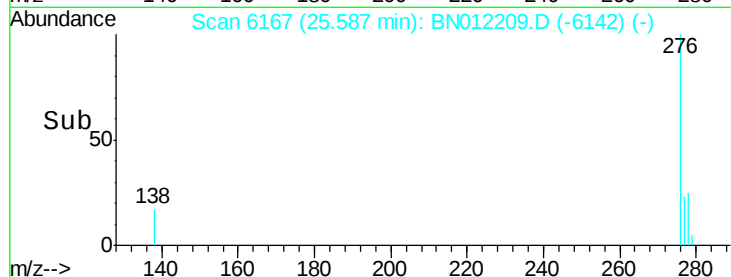
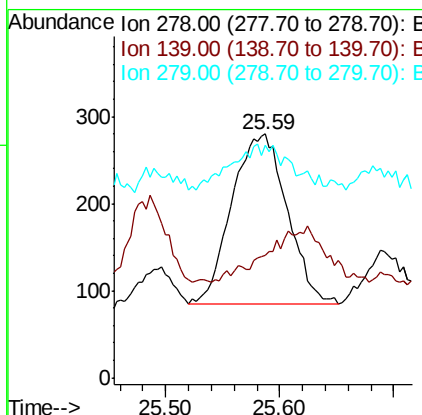
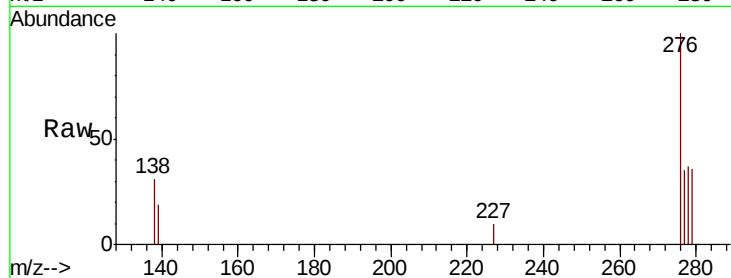


#25

Dibenzo(a,h)anthracene
Concen: 0.030 ng/u1
RT: 25.59 min Scan# 6167
Delta R.T. -0.02 min
Lab File: BN012209.D
Acq: 14 Oct 2020 23:56

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 651
Ion Ratio Lower Upper
278 100
139 50.4 15.7 23.5#
279 95.4 26.0 39.0#



#26

Benzo(g,h,i)perylene
Concen: 0.088 ng/u1
RT: 26.24 min Scan# 6363
Delta R.T. -0.01 min
Lab File: BN012209.D
Acq: 14 Oct 2020 23:56

Tgt Ion:276 Resp: 2189
Ion Ratio Lower Upper
276 100
138 30.1 17.1 25.7#
277 31.7 21.1 31.7#

