

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
 Data File : BN009243.D
 Acq On : 29 Dec 2019 00:04
 Operator : JU
 Sample : K6278-17DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 29 05:41:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 29 04:38:59 2019
 Response via : Initial Calibration

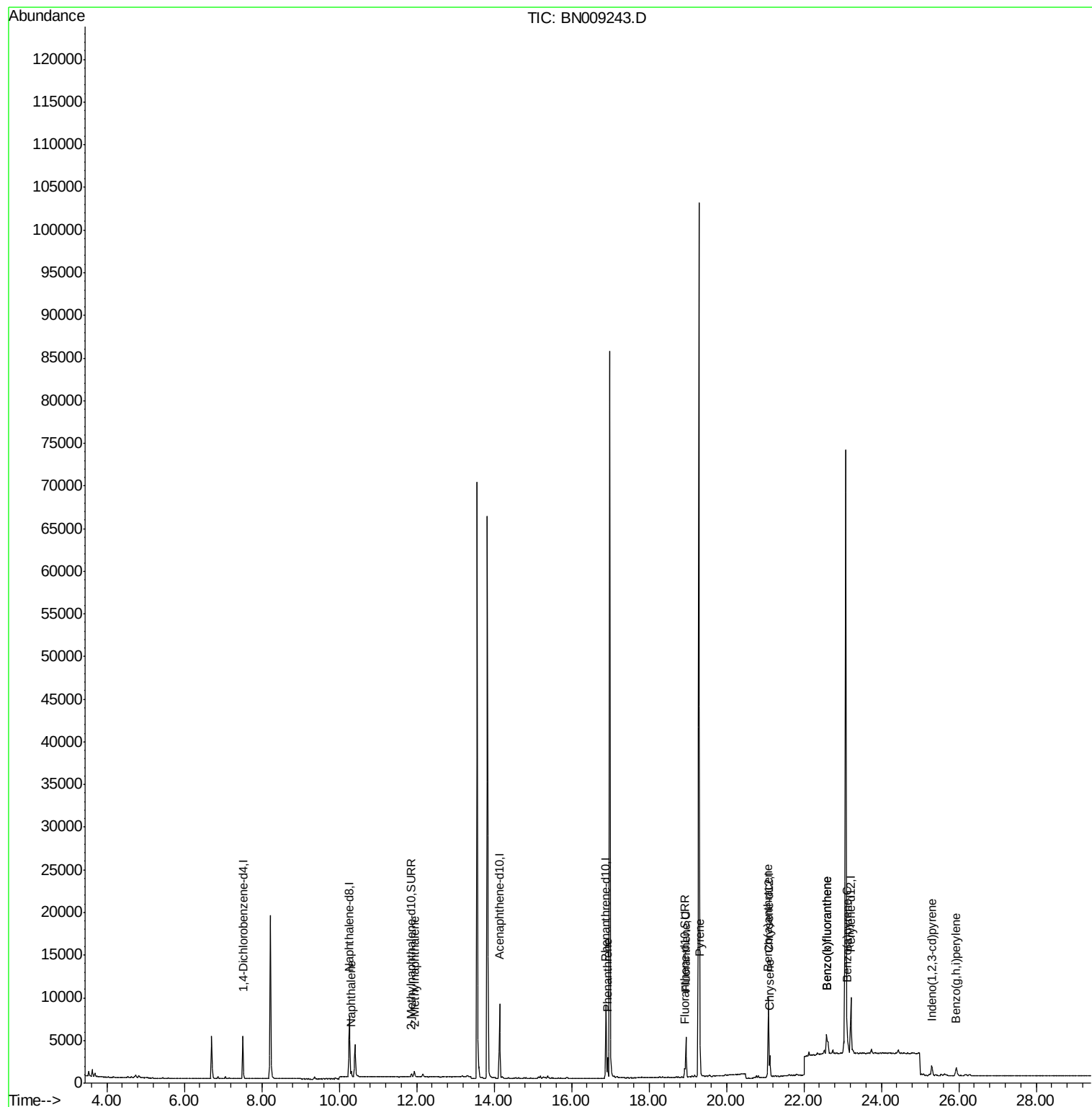
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2478	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	8979	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4761	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	9612	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	7670	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	7948	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	578	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	1169	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.31	128	824	0.030	ng/ul#	81
5) 2-Methylnaphthalene	11.94	142	564	0.027	ng/ul	96
12) Phenanthrene	16.93	178	2513	0.075	ng/ul#	93
15) Fluoranthene	18.95	202	3946	0.103	ng/ul	95
17) Pyrene	19.32	202	3659	0.094	ng/ul	97
18) Benzo(a)anthracene	21.07	228	1839	0.054	ng/ul#	86
19) Chrysene	21.12	228	2485	0.073	ng/ul#	89
21) Benzo(b)fluoranthene	22.59	252	4592	0.124	ng/ul#	60
22) Benzo(k)fluoranthene	22.59	252	4589	0.123	ng/ul#	60
23) Benzo(a)pyrene	23.12	252	1941	0.060	ng/ul#	41
24) Indeno(1,2,3-cd)pyrene	25.30	276	1577	0.045	ng/ul#	90
26) Benzo(g,h,i)perylene	25.94	276	1749	0.059	ng/ul#	72

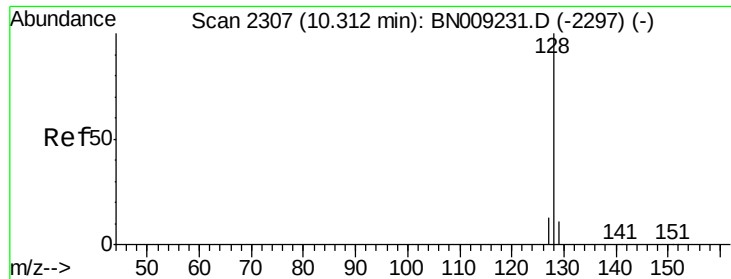
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.030 ng/ul

RT: 10.31 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BN009243.D

Acq: 29 Dec 2019 00:04

Instrument :

BNA_N

ClientSampleId :

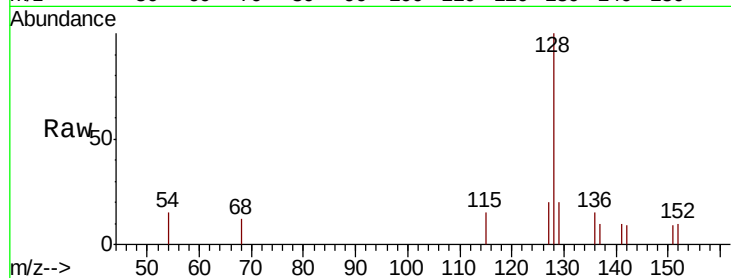
Tot Ion:128 Resp: 824

Ion Ratio Lower Upper

128 100

129 20.2 9.0 13.4#

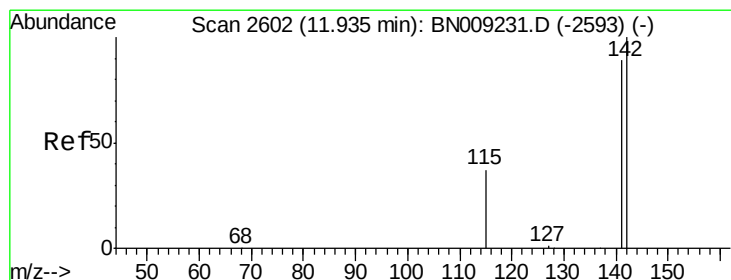
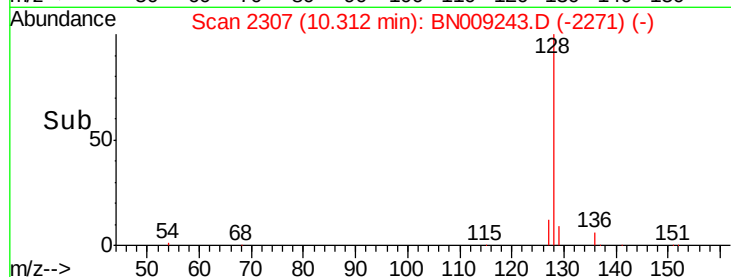
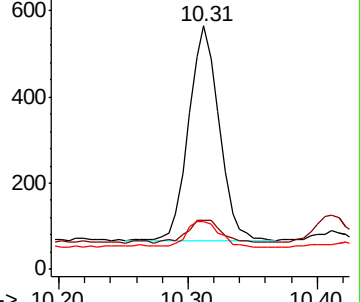
127 19.6 10.9 16.3#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.027 ng/ul

RT: 11.94 min Scan# 2603

Delta R.T. 0.01 min

Lab File: BN009243.D

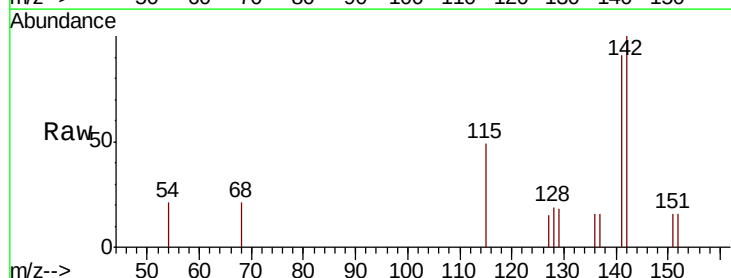
Acq: 29 Dec 2019 00:04

Tgt Ion:142 Resp: 564

Ion Ratio Lower Upper

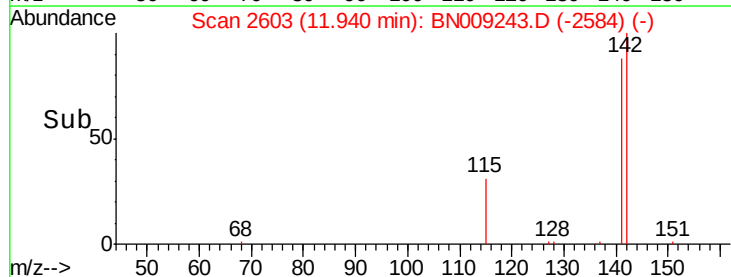
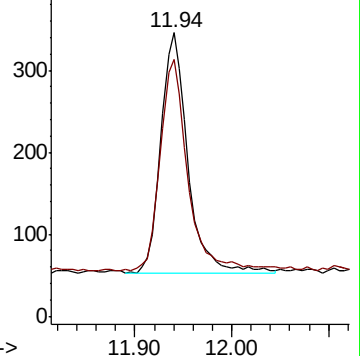
142 100

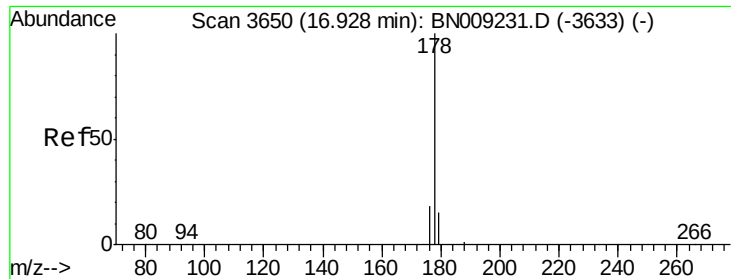
141 91.3 70.2 105.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#12

Phenanthrene

Concen: 0.075 ng/ul

RT: 16.93 min Scan# 3650

Delta R.T. 0.00 min

Lab File: BN009243.D

Acq: 29 Dec 2019 00:04

Instrument :

BNA_N

ClientSampleId :

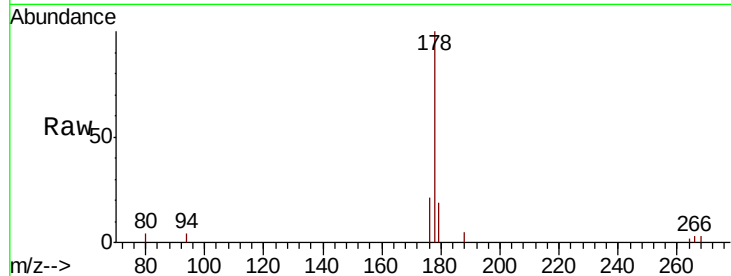
Tot Ion:178 Resp: 2513

Ion Ratio Lower Upper

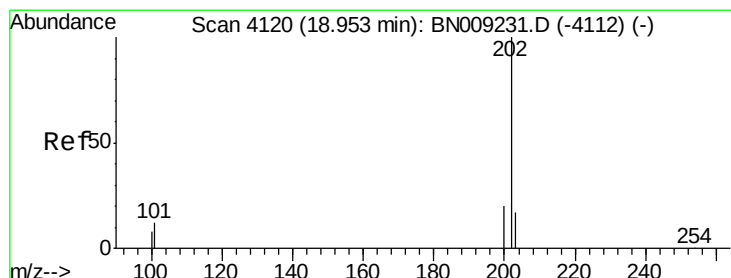
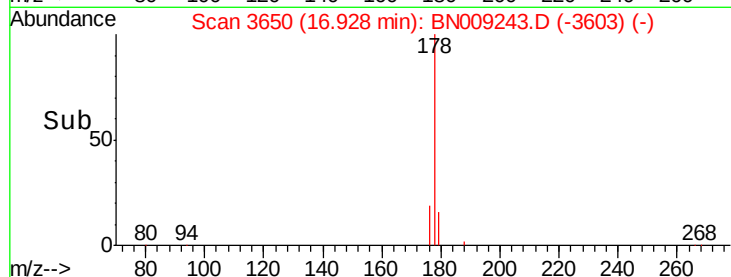
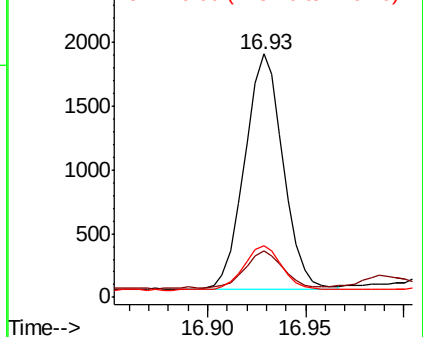
178 100

179 19.0 12.3 18.5#

176 21.1 15.1 22.7



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: 0.103 ng/ul

RT: 18.95 min Scan# 4120

Delta R.T. 0.00 min

Lab File: BN009243.D

Acq: 29 Dec 2019 00:04

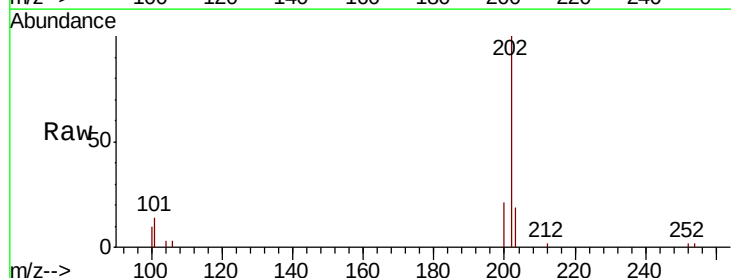
Tgt Ion:202 Resp: 3946

Ion Ratio Lower Upper

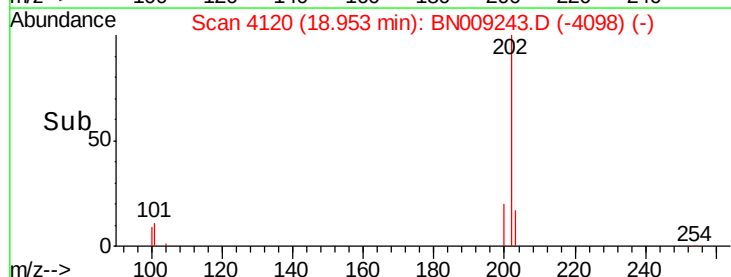
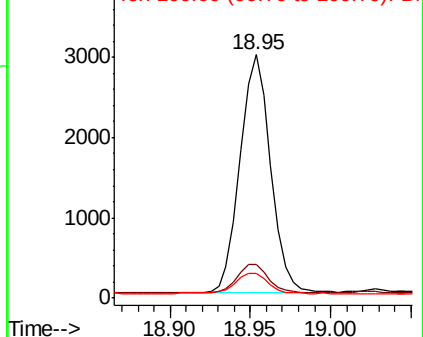
202 100

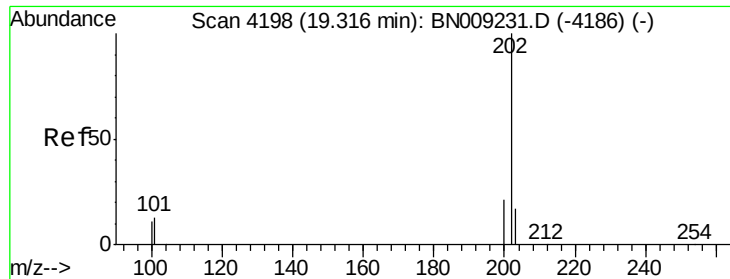
101 13.6 0.0 31.5

100 10.3 0.0 28.9



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

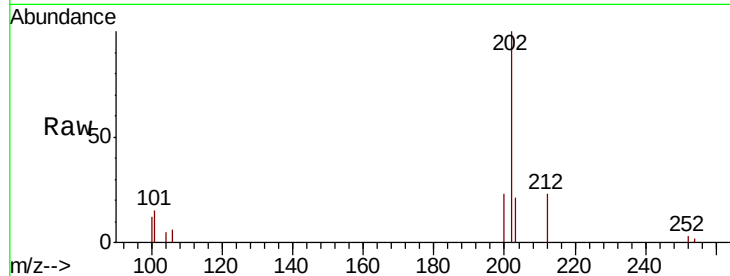




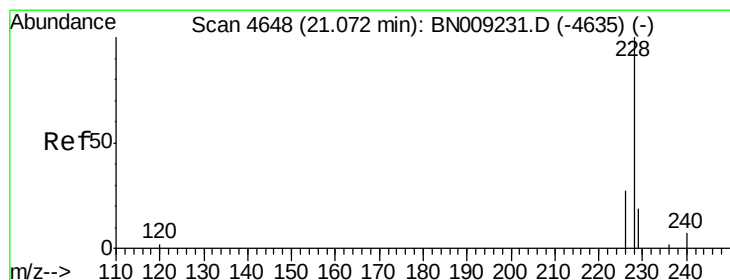
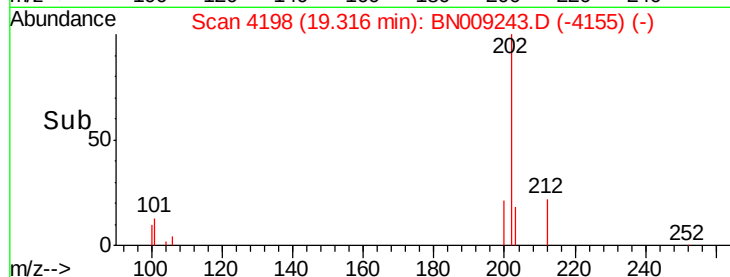
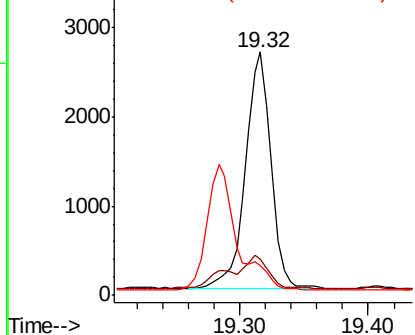
#17
Pvrene
Concen: 0.094 ng/ul
RT: 19.32 min Scan# 4198
Delta R.T. 0.00 min
Lab File: BN009243.D
Acq: 29 Dec 2019 00:04

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 3659
Ion Ratio Lower Upper
202 100
101 15.1 10.9 16.3
100 12.2 9.0 13.6

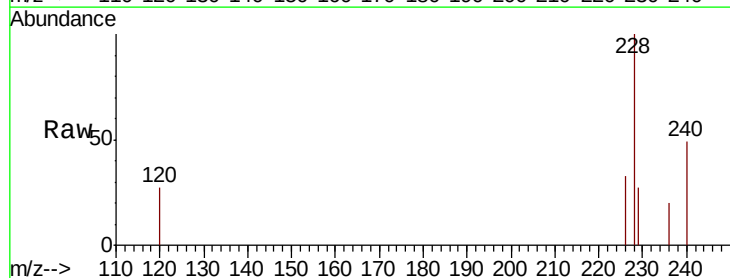


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

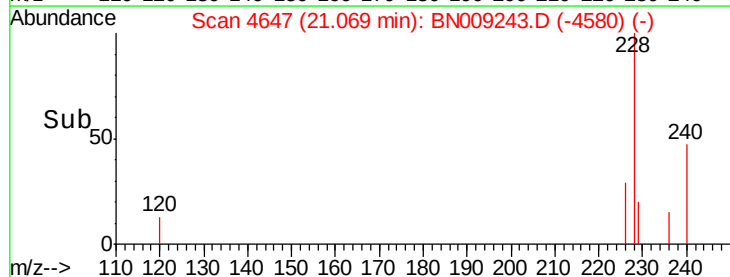
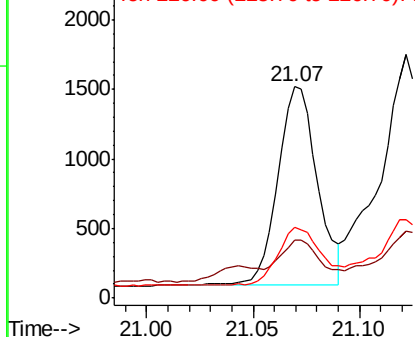


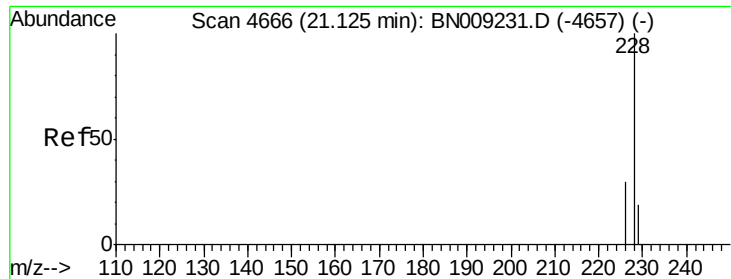
#18
Benzo(a)anthracene
Concen: 0.054 ng/ul
RT: 21.07 min Scan# 4647
Delta R.T. -0.00 min
Lab File: BN009243.D
Acq: 29 Dec 2019 00:04

Tgt Ion:228 Resp: 1839
Ion Ratio Lower Upper
228 100
229 27.2 15.5 23.3#
226 33.2 21.7 32.5#



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: 0.073 ng/ul

RT: 21.12 min Scan# 4665

Delta R.T. -0.00 min

Lab File: BN009243.D

Acq: 29 Dec 2019 00:04

Instrument :

BNA_N

ClientSampleId :

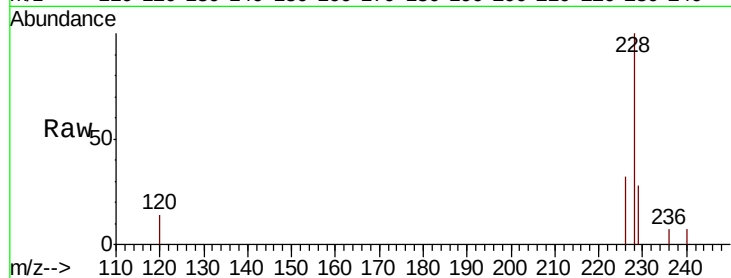
Tot Ion:228 Resp: 2485

Ion Ratio Lower Upper

228 100

226 32.5 23.7 35.5

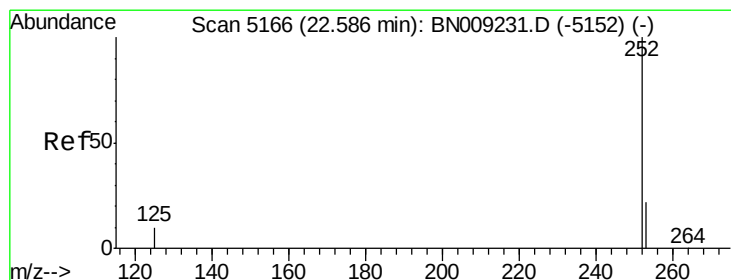
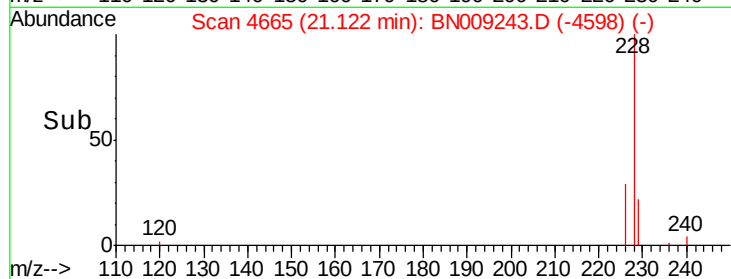
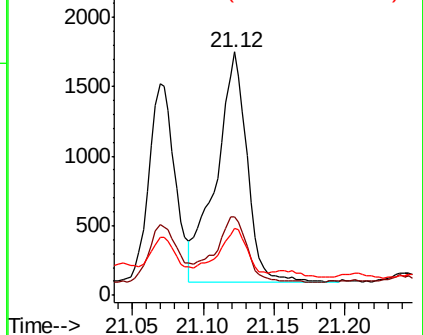
229 27.6 15.4 23.0#



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: 0.124 ng/ul

RT: 22.59 min Scan# 5166

Delta R.T. 0.00 min

Lab File: BN009243.D

Acq: 29 Dec 2019 00:04

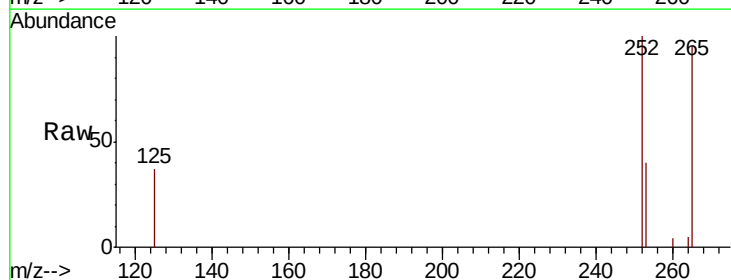
Tgt Ion:252 Resp: 4592

Ion Ratio Lower Upper

252 100

253 40.4 0.0 48.2

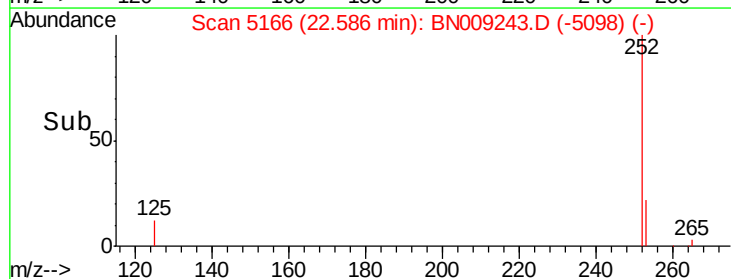
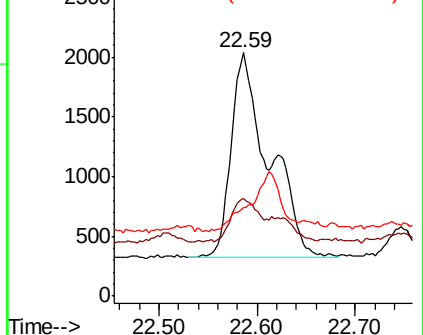
125 36.7 0.0 30.0#

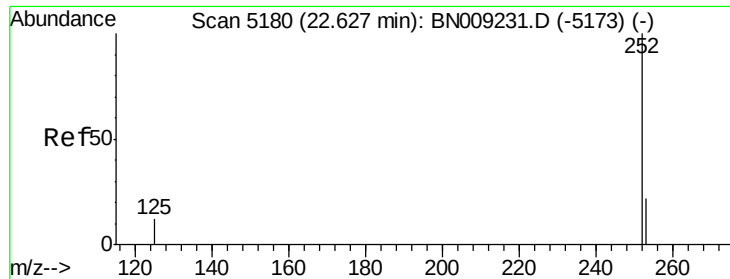


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.123 ng/ul

RT: 22.59 min Scan# 5166

Delta R.T. -0.04 min

Lab File: BN009243.D

Acq: 29 Dec 2019 00:04

Instrument :

BNA_N

ClientSampleId :

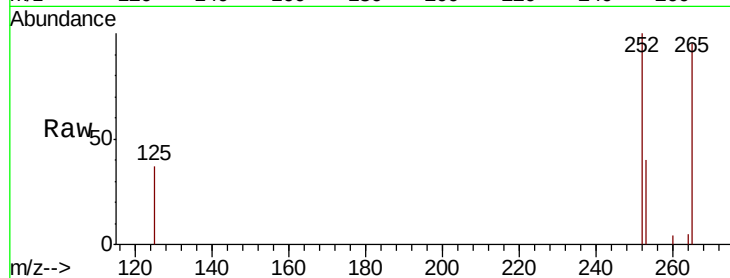
Tot Ion:252 Resp: 4589

Ion Ratio Lower Upper

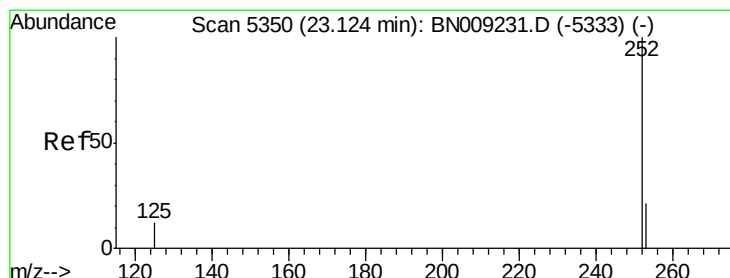
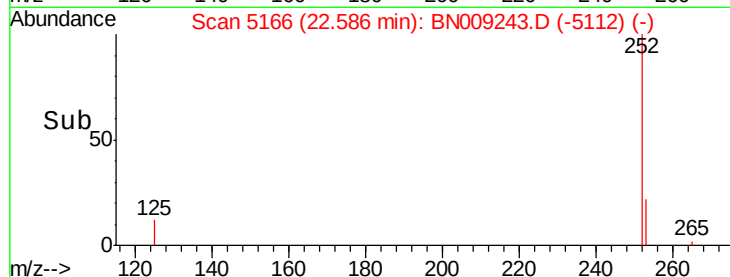
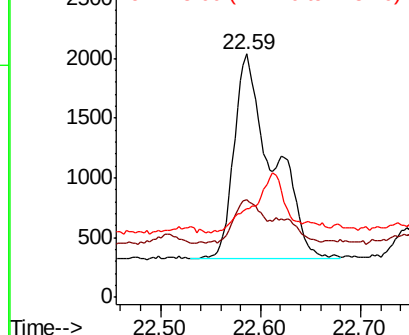
252 100

253 40.4 19.4 29.0#

125 36.7 12.4 18.6#



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: 0.060 ng/ul

RT: 23.12 min Scan# 5348

Delta R.T. -0.01 min

Lab File: BN009243.D

Acq: 29 Dec 2019 00:04

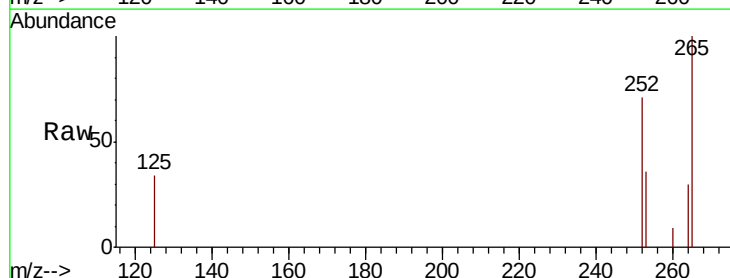
Tgt Ion:252 Resp: 1941

Ion Ratio Lower Upper

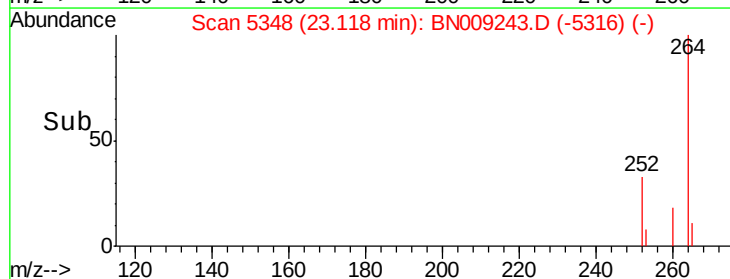
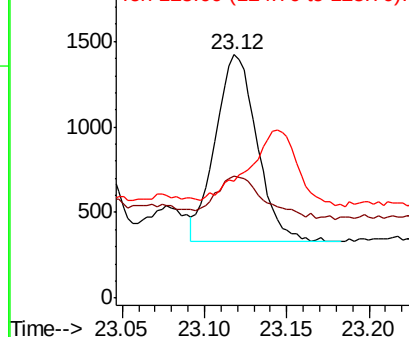
252 100

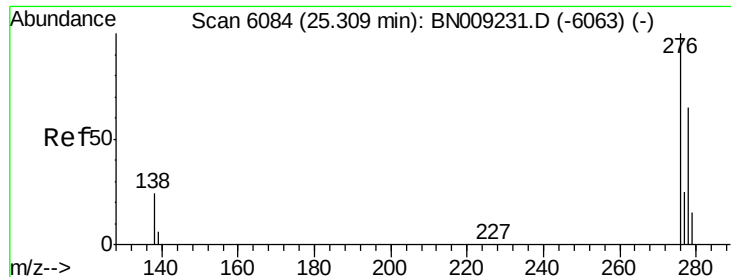
253 50.2 20.2 30.4#

125 48.1 13.2 19.8#



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



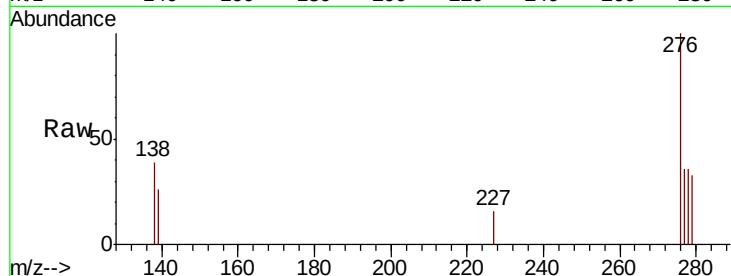


#24

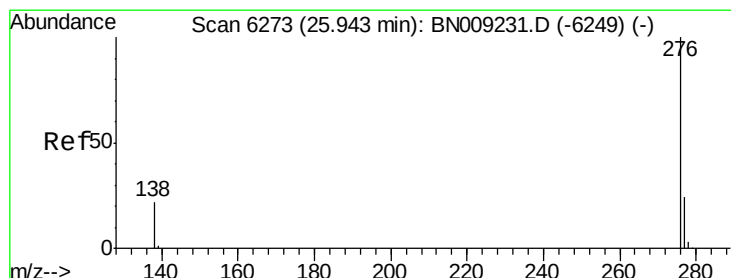
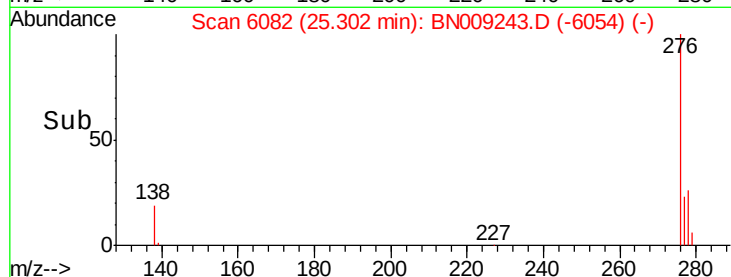
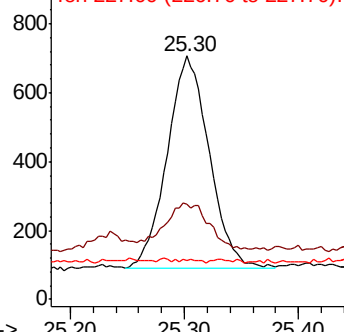
Indeno(1,2,3-cd)pyrene
Concen: 0.045 ng/ul
RT: 25.30 min Scan# 6082
Delta R.T. -0.01 min
Lab File: BN009243.D
Acq: 29 Dec 2019 00:04

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 1577
Ion Ratio Lower Upper
276 100
138 22.4 22.4 33.6
227 0.0 0.2 0.4#



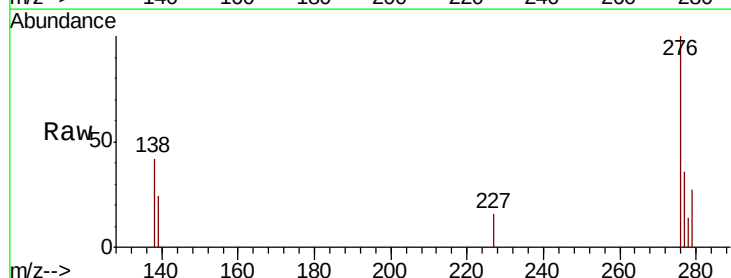
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



#26

Benzo(g,h,i)perylene
Concen: 0.059 ng/ul
RT: 25.94 min Scan# 6271
Delta R.T. -0.01 min
Lab File: BN009243.D
Acq: 29 Dec 2019 00:04

Tgt Ion:276 Resp: 1749
Ion Ratio Lower Upper
276 100
138 42.3 20.6 30.8#
277 35.8 19.6 29.4#



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

