

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121918\
 Data File : BN004144.D
 Acq On : 20 Dec 2018 09:05
 Operator : JU/SJ
 Sample : J6299-08DL 2X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 20 11:06:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 20 07:15:48 2018
 Response via : Initial Calibration

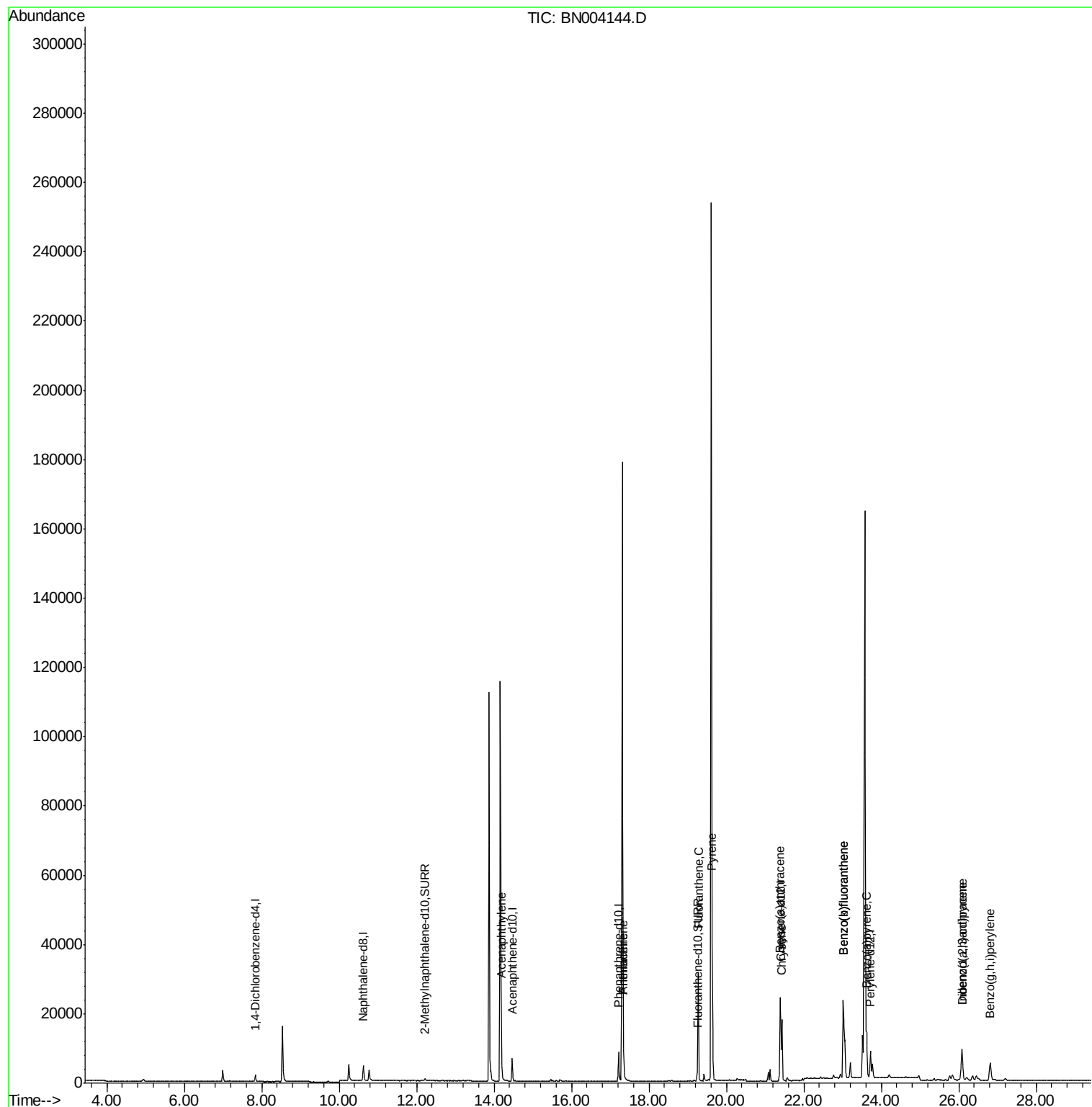
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1081	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	5769	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	3635	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	9585	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	10789	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	10756	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	791	0.09	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	2578	0.09	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.19	152	6300	0.385	ng/ul	98
12) Phenanthrene	17.34	178	6242	0.198	ng/ul	98
13) Anthracene	17.34	178	6227	0.241	ng/ul	97
15) Fluoranthene	19.27	202	25876	0.697	ng/ul	96
17) Pyrene	19.63	202	30254	0.782	ng/ul#	93
18) Benzo(a)anthracene	21.38	228	19008	0.558	ng/ul	97
19) Chrysene	21.43	228	20182	0.518	ng/ul	98
21) Benzo(b)fluoranthene	23.02	252	50302	1.131	ng/ul	98
22) Benzo(k)fluoranthene	23.02	252	50302	1.160	ng/ul	98
23) Benzo(a)pyrene	23.62	252	16539	0.429	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	26.08	276	15517	0.351	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.08	278	3987	0.112	ng/ul#	78
26) Benzo(g,h,i)perylene	26.82	276	11072	0.288	ng/ul	95

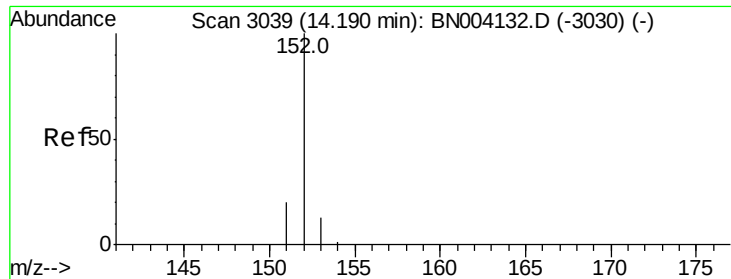
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 20 07:15:48 2018
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#7

Acenaphthylene

Concen: 0.385 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. 0.00 min

Lab File: BN004144.D

Acq: 20 Dec 2018 09:05

Instrument :

BNA_N

ClientSampleId :

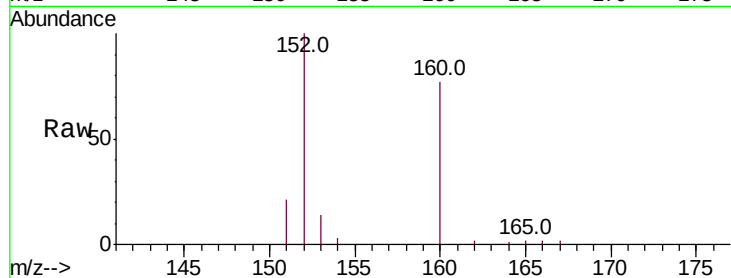
Tot Ion:152 Resp: 6300

Ion Ratio Lower Upper

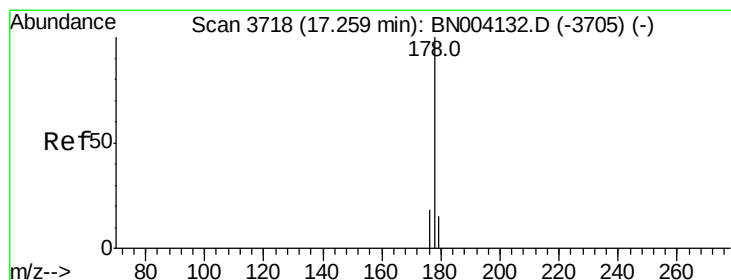
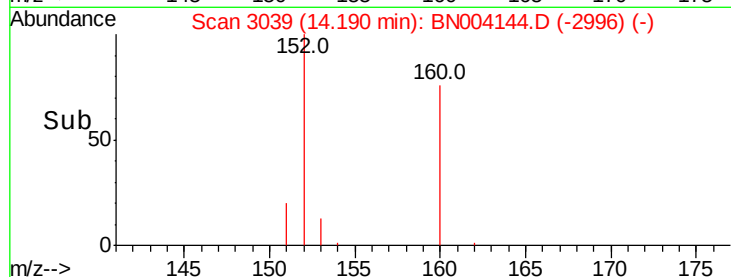
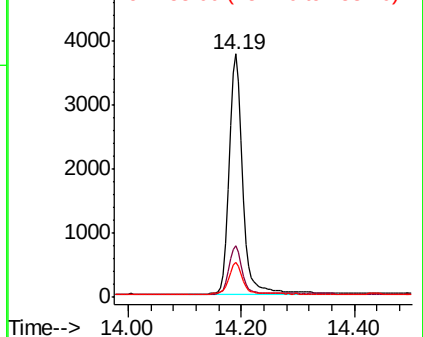
152 100

151 20.9 15.9 23.9

153 14.2 10.7 16.1



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



#12

Phenanthrene

Concen: 0.198 ng/ul

RT: 17.34 min Scan# 3738

Delta R.T. 0.08 min

Lab File: BN004144.D

Acq: 20 Dec 2018 09:05

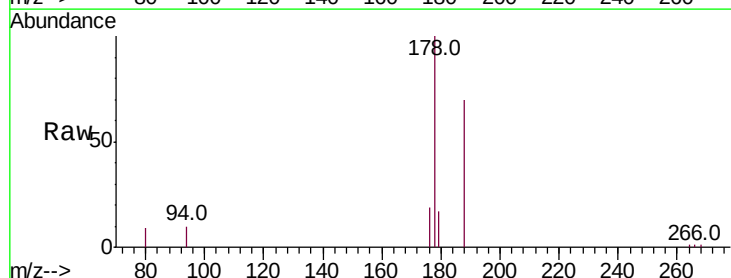
Tgt Ion:178 Resp: 6242

Ion Ratio Lower Upper

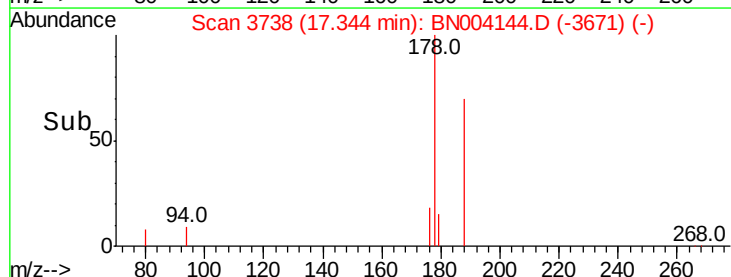
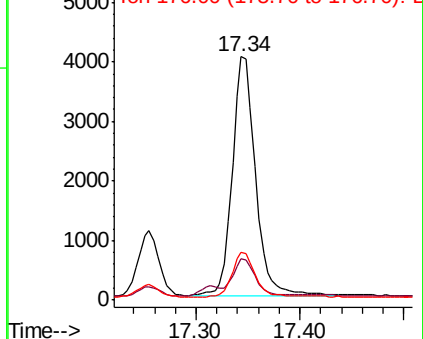
178 100

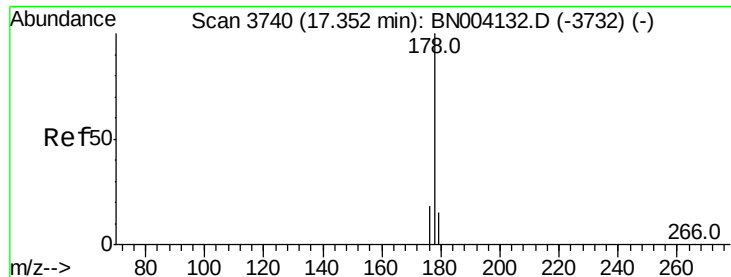
179 16.8 12.5 18.7

176 19.5 15.0 22.4



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





#13

Anthracene

Concen: 0.241 ng/ul

RT: 17.34 min Scan# 3738

Delta R.T. -0.01 min

Lab File: BN004144.D

Acq: 20 Dec 2018 09:05

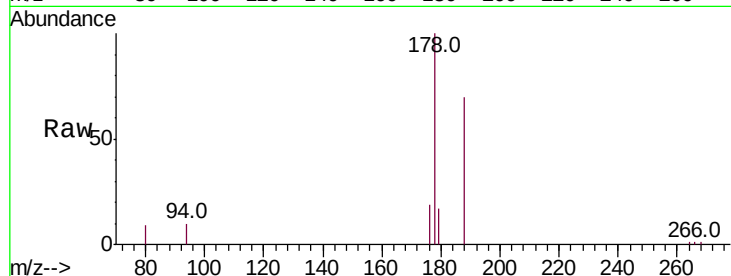
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 6227

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.3	18.5
176	19.5	14.8	22.2

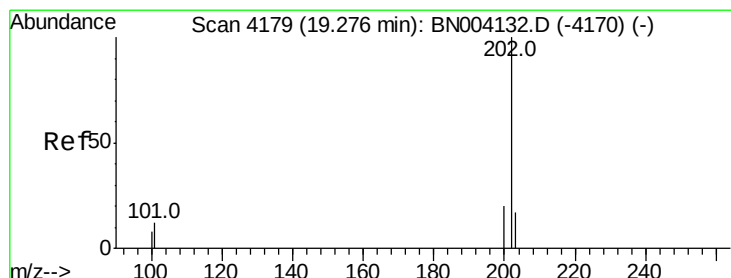
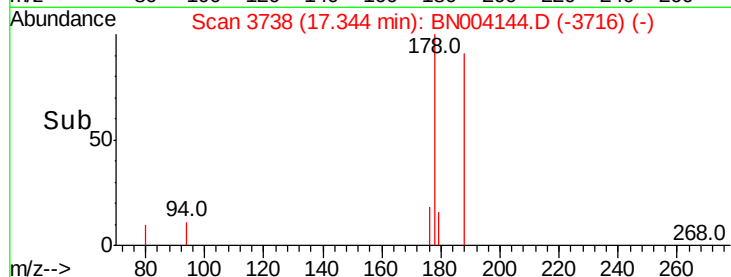
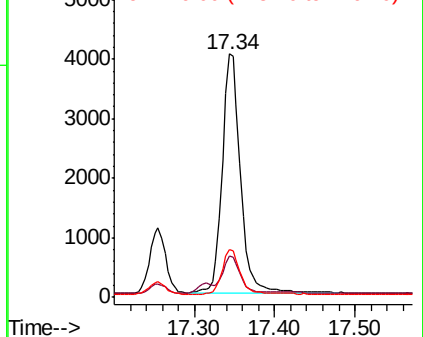


Abundance

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: 0.697 ng/ul

RT: 19.27 min Scan# 4178

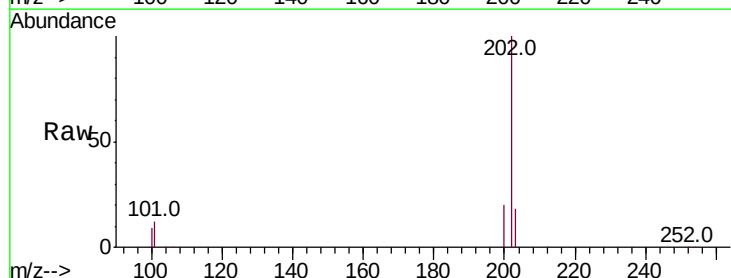
Delta R.T. -0.00 min

Lab File: BN004144.D

Acq: 20 Dec 2018 09:05

Tgt Ion:202 Resp: 25876

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	30.7
100	9.3	0.0	28.1

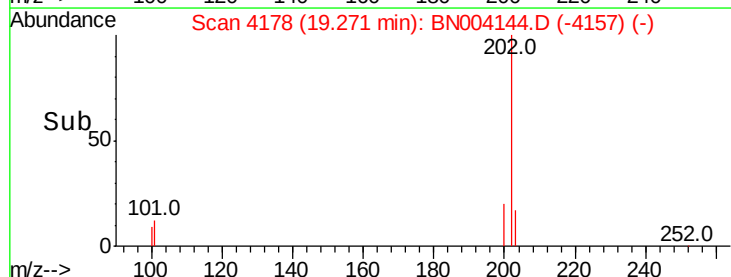
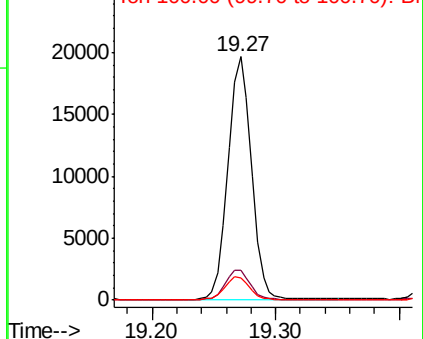


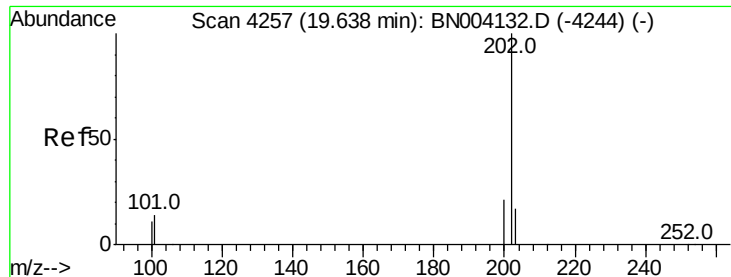
Abundance

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: 0.782 ng/ul

RT: 19.63 min Scan# 4256

Delta R.T. -0.00 min

Lab File: BN004144.D

Acq: 20 Dec 2018 09:05

Instrument :

BNA_N

ClientSampleId :

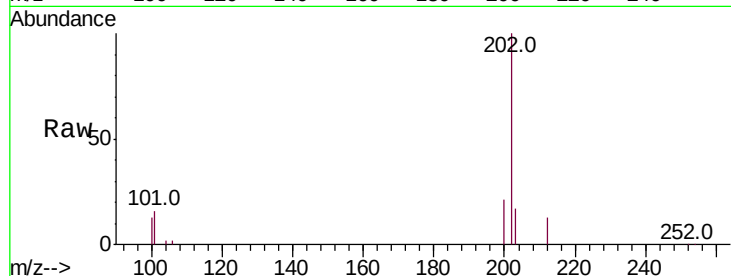
Tot Ion:202 Resp: 30254

Ion Ratio Lower Upper

202 100

101 15.7 10.3 15.5#

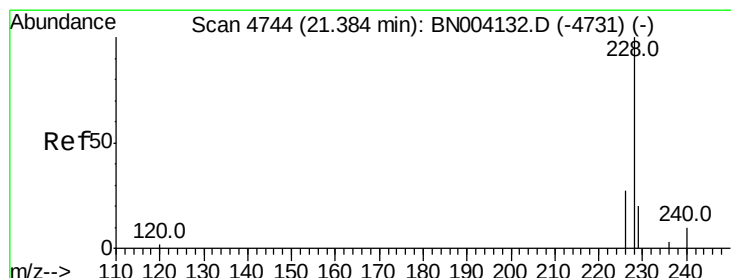
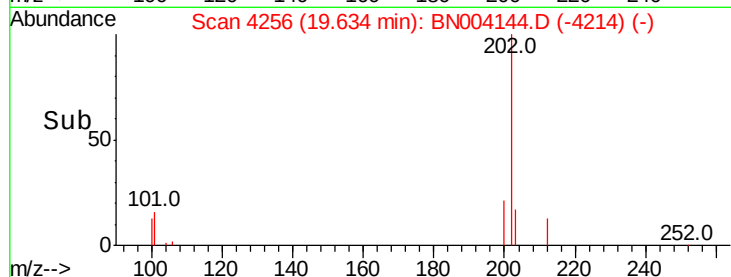
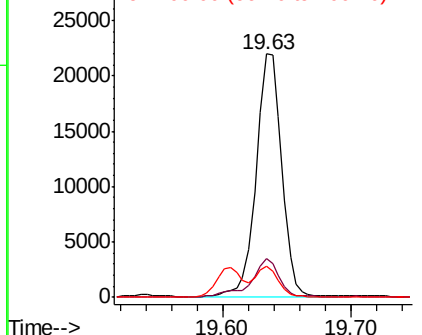
100 12.8 8.5 12.7#



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



#18

Benzo(a)anthracene

Concen: 0.558 ng/ul

RT: 21.38 min Scan# 4744

Delta R.T. -0.00 min

Lab File: BN004144.D

Acq: 20 Dec 2018 09:05

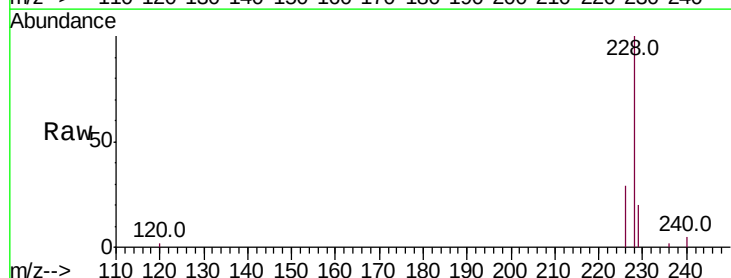
Tgt Ion:228 Resp: 19008

Ion Ratio Lower Upper

228 100

229 20.2 15.6 23.4

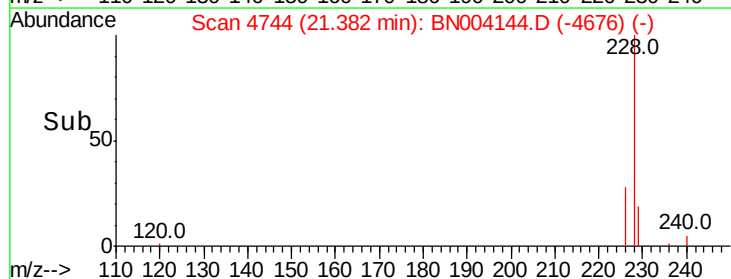
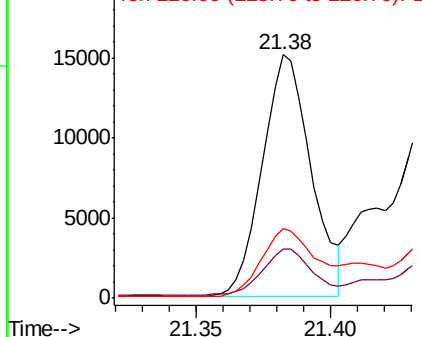
226 28.6 21.1 31.7

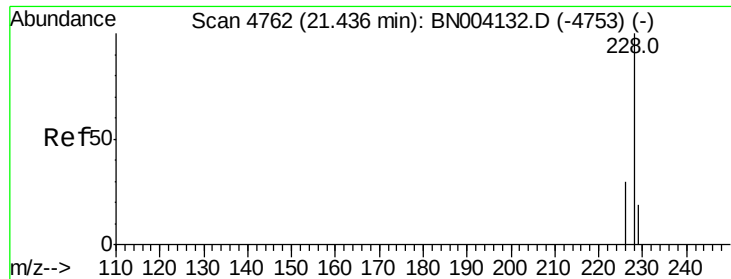


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.518 ng/ul

RT: 21.43 min Scan# 4762

Delta R.T. -0.00 min

Lab File: BN004144.D

Acq: 20 Dec 2018 09:05

Instrument :

BNA_N

ClientSampled :

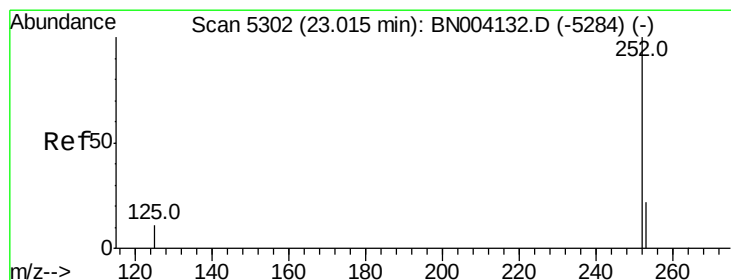
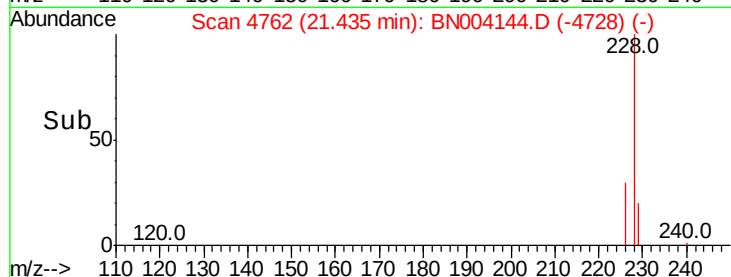
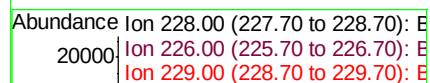
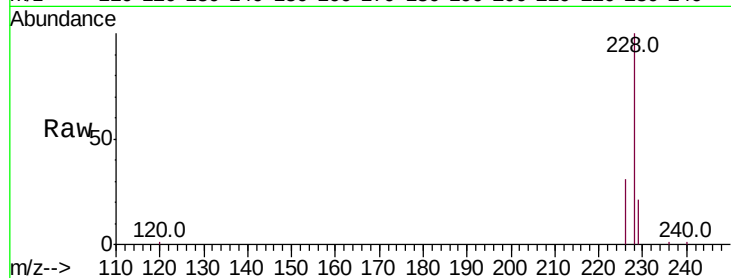
Tot Ion:228 Resp: 20182

Ion Ratio Lower Upper

228 100

226 31.1 24.0 36.0

229 20.9 15.7 23.5



#21

Benzo(b)fluoranthene

Concen: 1.131 ng/ul

RT: 23.02 min Scan# 5304

Delta R.T. 0.00 min

Lab File: BN004144.D

Acq: 20 Dec 2018 09:05

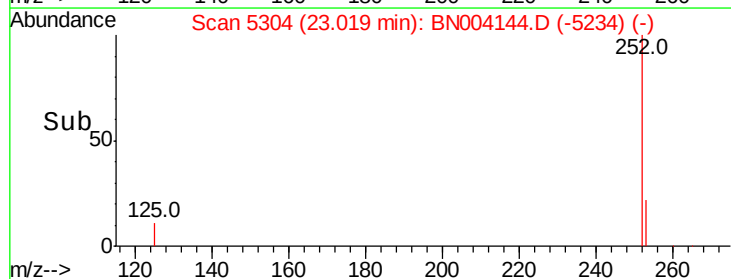
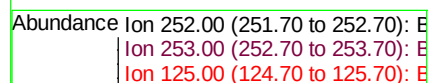
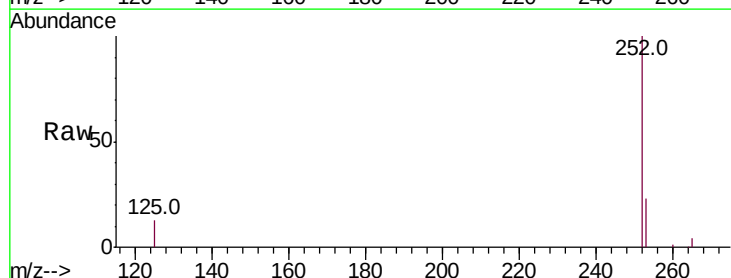
Tgt Ion:252 Resp: 50302

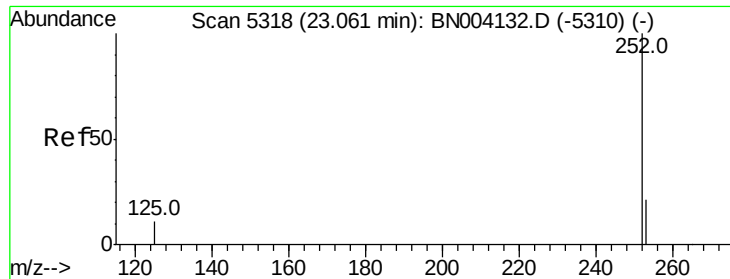
Ion Ratio Lower Upper

252 100

253 23.1 0.0 46.0

125 13.0 0.0 22.4





#22

Benzo(k)fluoranthene

Concen: 1.160 ng/ul

RT: 23.02 min Scan# 5304

Delta R.T. -0.04 min

Lab File: BN004144.D

Acq: 20 Dec 2018 09:05

Instrument :

BNA_N

ClientSampleId :

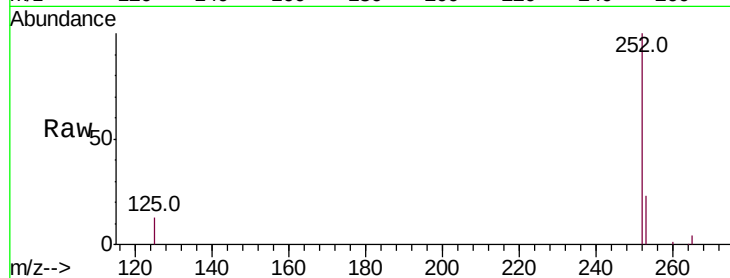
Tot Ion:252 Resp: 50302

Ion Ratio Lower Upper

252 100

253 23.1 18.5 27.7

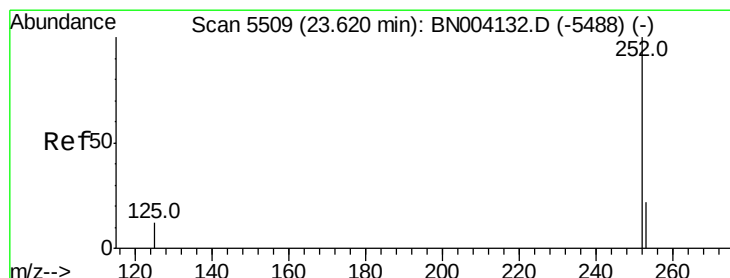
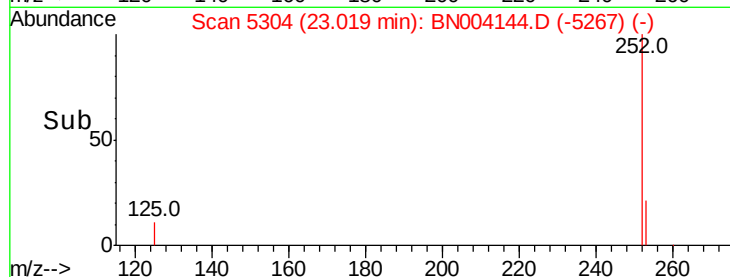
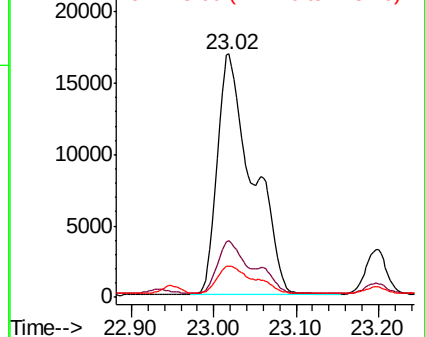
125 13.0 9.0 13.6



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: 0.429 ng/ul

RT: 23.62 min Scan# 5509

Delta R.T. -0.00 min

Lab File: BN004144.D

Acq: 20 Dec 2018 09:05

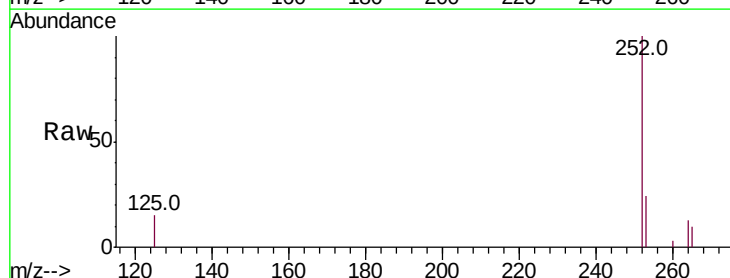
Tgt Ion:252 Resp: 16539

Ion Ratio Lower Upper

252 100

253 24.4 19.0 28.4

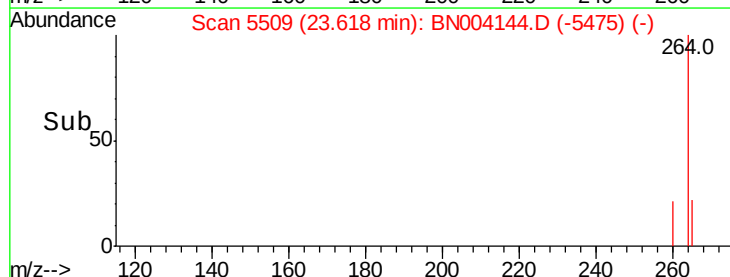
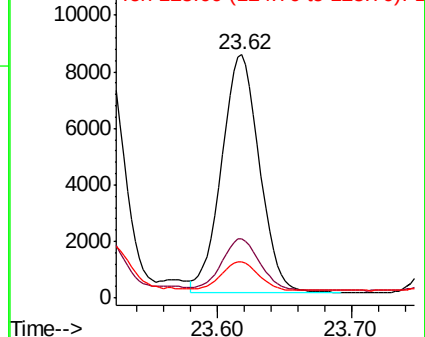
125 15.0 10.2 15.4

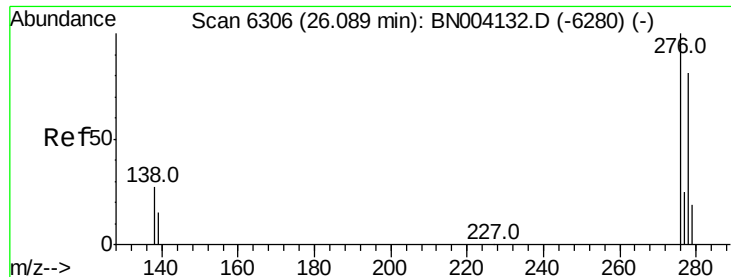


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



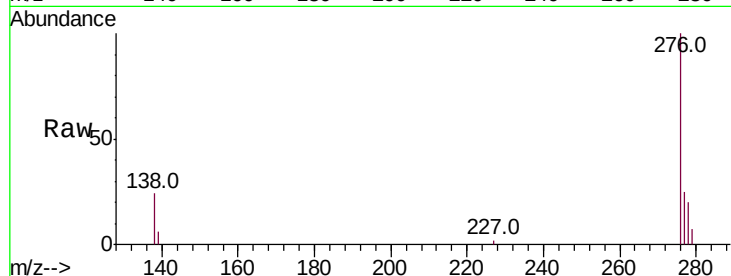


#24

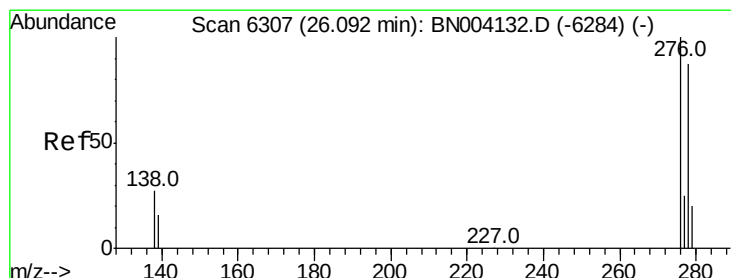
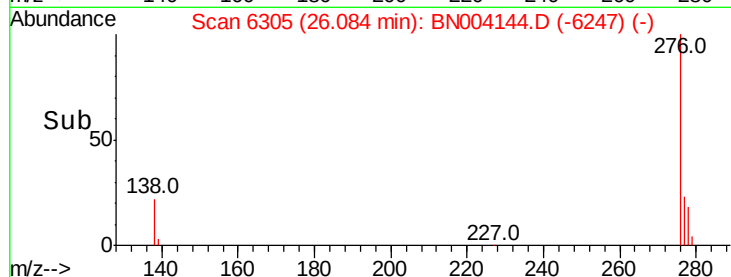
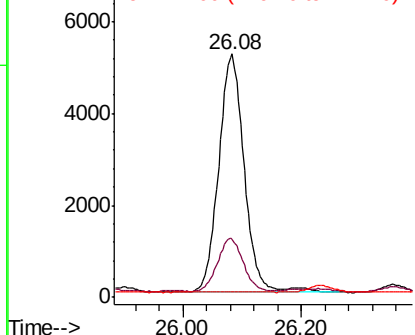
Indeno(1,2,3-cd)pyrene
Concen: 0.351 ng/ul
RT: 26.08 min Scan# 6305
Delta R.T. -0.00 min
Lab File: BN004144.D
Acq: 20 Dec 2018 09:05

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 15517
Ion Ratio Lower Upper
276 100
138 22.5 20.3 30.5
227 0.0 0.2 0.2#



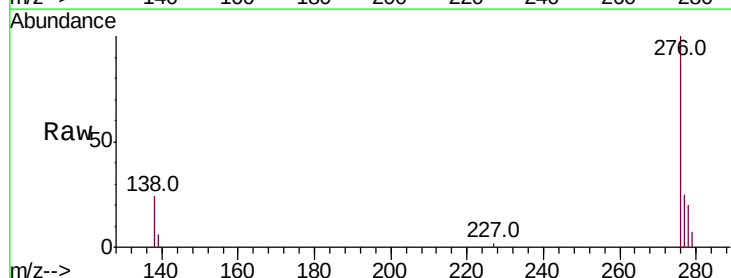
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



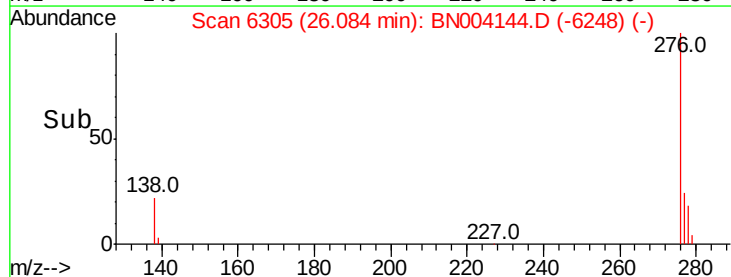
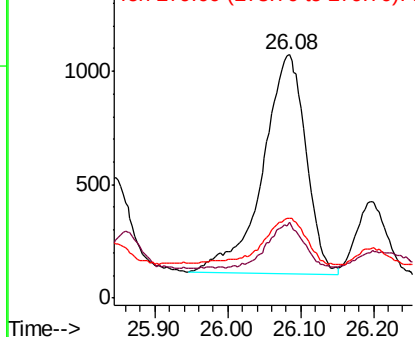
#25

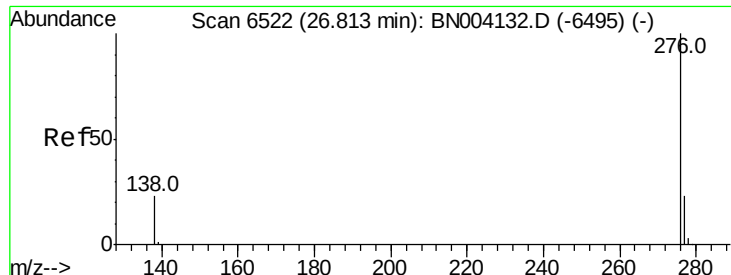
Dibenzo(a,h)anthracene
Concen: 0.112 ng/ul
RT: 26.08 min Scan# 6305
Delta R.T. -0.01 min
Lab File: BN004144.D
Acq: 20 Dec 2018 09:05

Tgt Ion:278 Resp: 3987
Ion Ratio Lower Upper
278 100
139 31.1 14.2 21.4#
279 32.7 19.8 29.6#



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: 0.288 ng/ul

RT: 26.82 min Scan# 6523

Delta R.T. 0.00 min

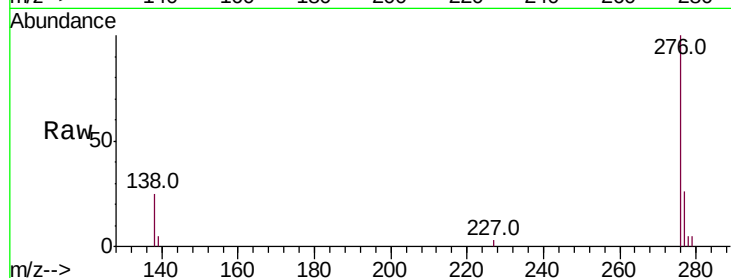
Lab File: BN004144.D

Acq: 20 Dec 2018 09:05

Instrument :

BNA_N

ClientSampleId :



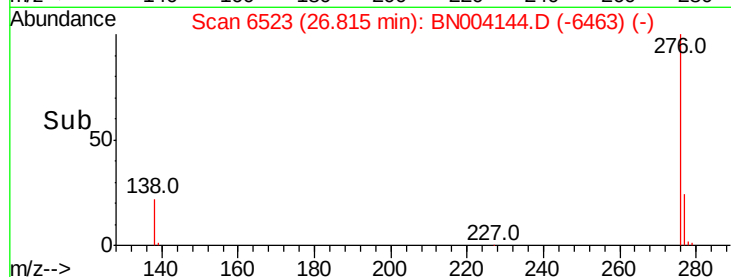
Tot Ion:276 Resp: 11072

Ion Ratio Lower Upper

276 100

138 25.4 17.7 26.5

277 25.8 19.3 28.9



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

