

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030918\
 Data File : BN000291.D
 Acq On : 09 Mar 2018 20:36
 Operator : JU/SJ
 Sample : J1844-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 09 23:52:05 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 09 23:47:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	235674	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1190667	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	685416	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.78	188	1463487	20.00	ng/ul	0.00
17) Chrysene-d12	21.89	240	1527577	20.00	ng/ul	0.00
22) Perylene-d12	24.37	264	1636308	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	14.76	160	1574942	23.15	ng/ul	0.00
10) Fluorene-d10	16.03	176	1065603	23.13	ng/ul	0.00
14) Anthracene-d10	17.87	188	1577620	23.07	ng/ul	0.00
18) Pyrene-d10	20.13	212	1759768	23.55	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.21	264	1790442	23.96	ng/ul	0.00

Target Compounds

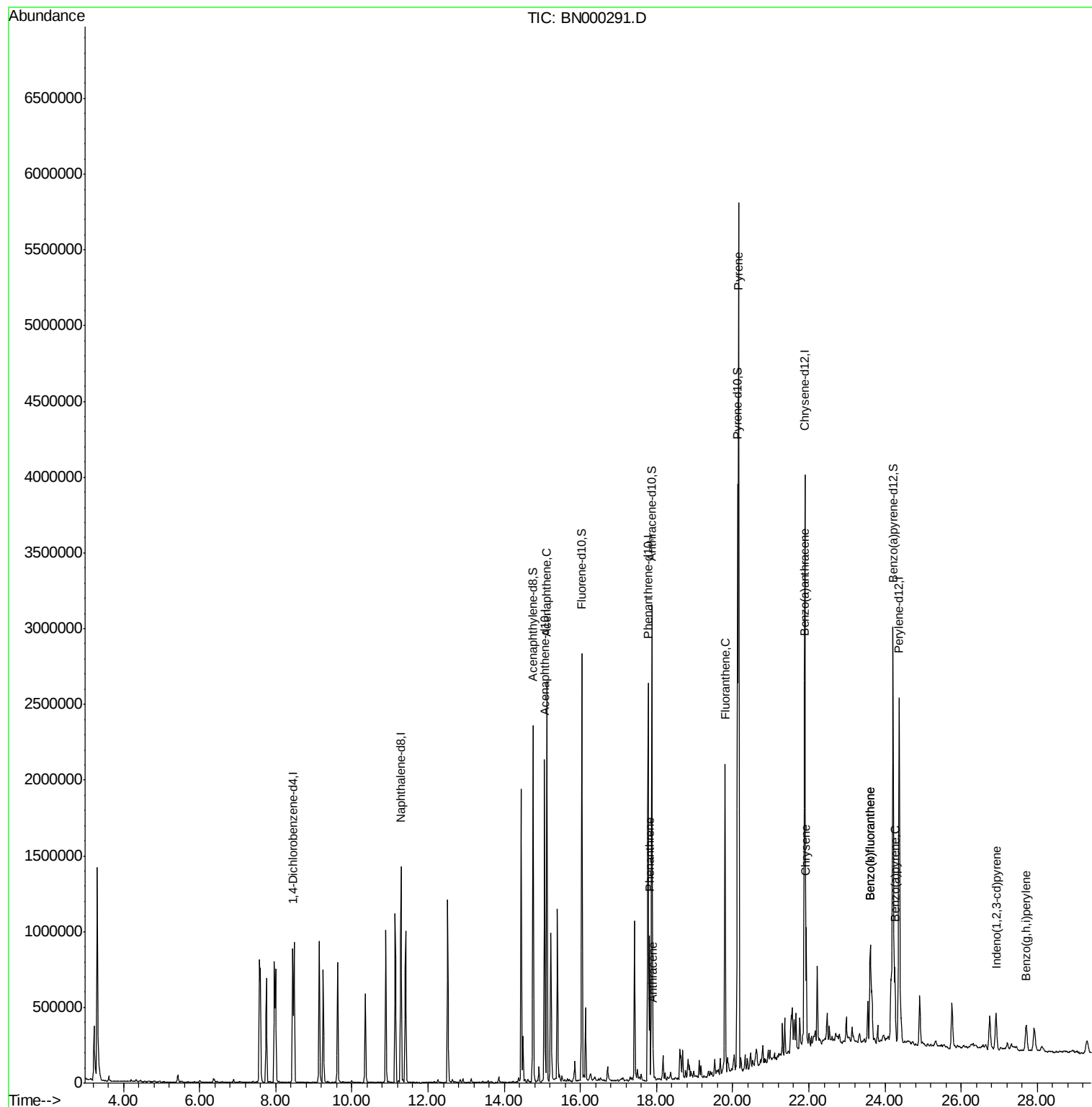
					Ovalue	
9) Acenaphthene	15.12	153	1021921	21.478	ng/ul	95
13) Phenanthrene	17.82	178	542562	6.464	ng/ul	99
15) Anthracene	17.91	178	108589	1.275	ng/ul	98
16) Fluoranthene	19.80	202	1125887	12.416	ng/ul#	94
19) Pyrene	20.16	202	2959481	30.686	ng/ul#	89
20) Benzo(a)anthracene	21.87	228	458103	4.824	ng/ul	99
21) Chrysene	21.93	228	450497	4.999	ng/ul	97
23) Benzo(b)fluoranthene	23.62	252	585625	6.002	ng/ul#	95
24) Benzo(k)fluoranthene	23.62	252	585625	6.412	ng/ul#	95
26) Benzo(a)pyrene	24.26	252	341527	3.678	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.92	276	214046	2.138	ng/ul#	83
29) Benzo(g,h,i)perylene	27.70	276	207502	2.482	ng/ul#	90

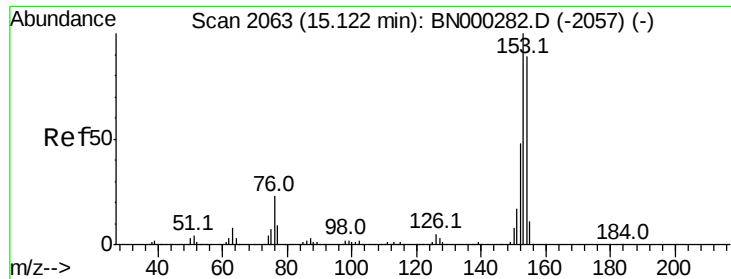
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 09 23:47:40 2018
Response via : Initial Calibration





#9

Acenaphthene

Concen: 21.478 ng/ul

RT: 15.12 min Scan# 2063

Delta R.T. -0.00 min

Lab File: BN000291.D

Acq: 09 Mar 2018 20:36

Instrument :

BNA_N

ClientSampleId :

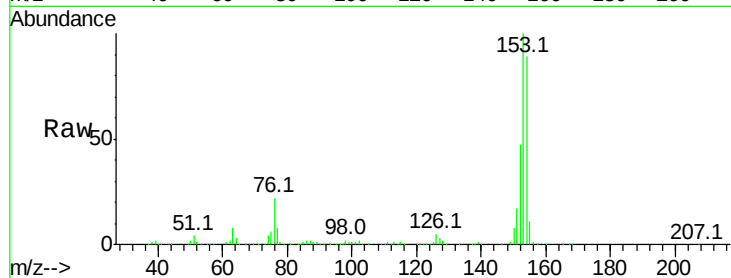
Tot Ion:153 Resp: 1021921

Ion Ratio Lower Upper

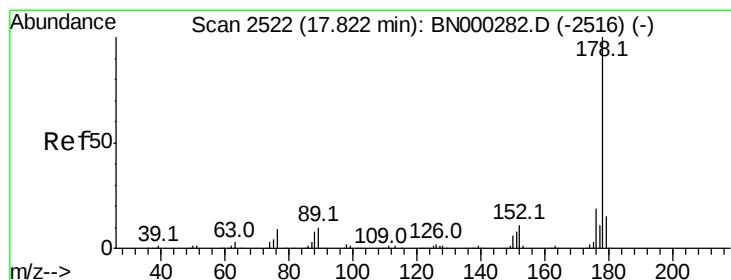
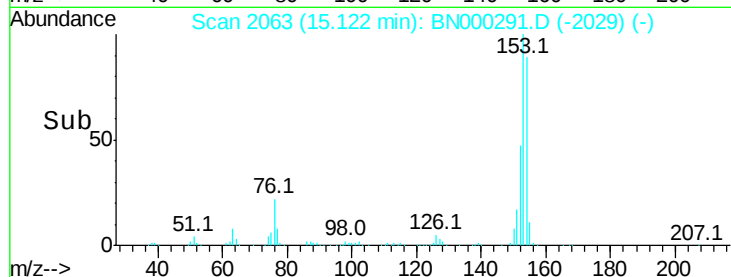
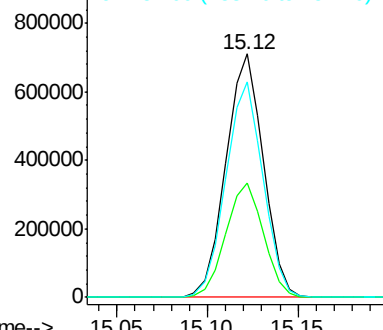
153 100

152 47.1 39.0 58.6

154 88.7 66.8 100.2



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#13

Phenanthrene

Concen: 6.464 ng/ul

RT: 17.82 min Scan# 2522

Delta R.T. -0.00 min

Lab File: BN000291.D

Acq: 09 Mar 2018 20:36

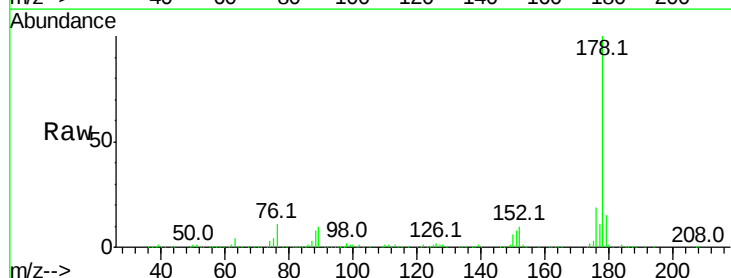
Tgt Ion:178 Resp: 542562

Ion Ratio Lower Upper

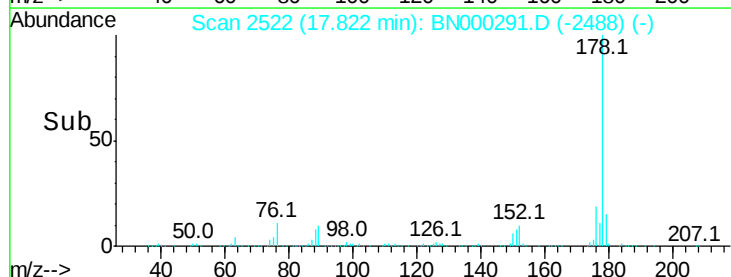
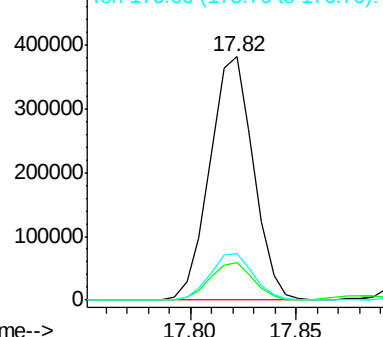
178 100

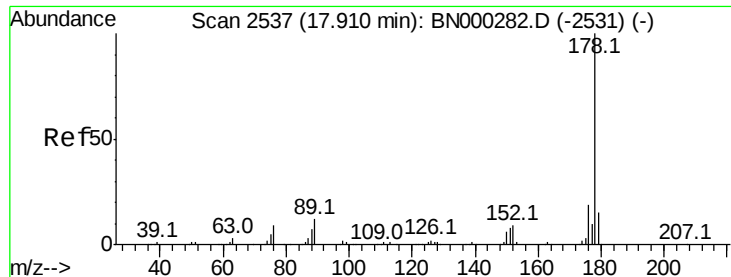
179 15.3 12.3 18.5

176 19.3 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

Anthracene

Concen: 1.275 ng/ul

RT: 17.91 min Scan# 2537

Delta R.T. -0.00 min

Lab File: BN000291.D

Acq: 09 Mar 2018 20:36

Instrument :

BNA_N

ClientSampleId :

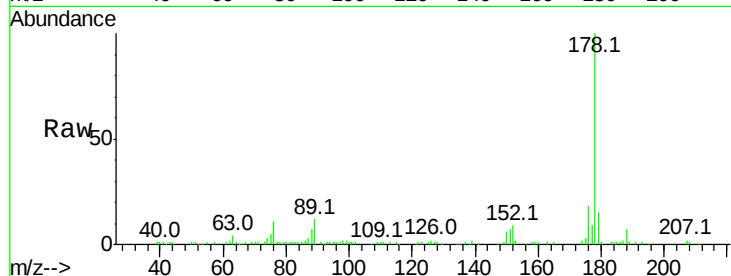
Tot Ion:178 Resp: 108589

Ion Ratio Lower Upper

178 100

179 15.4 11.8 17.8

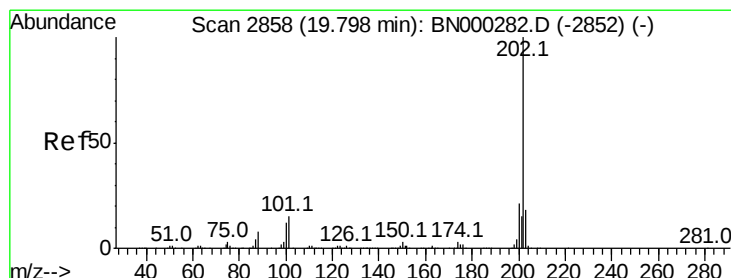
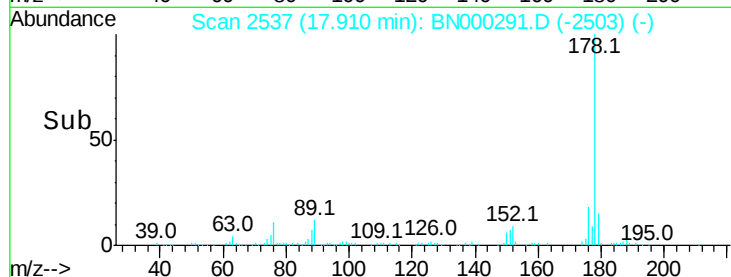
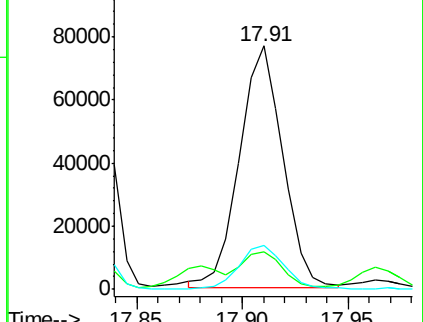
176 17.8 15.2 22.8



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



#16

Fluoranthene

Concen: 12.416 ng/ul

RT: 19.80 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BN000291.D

Acq: 09 Mar 2018 20:36

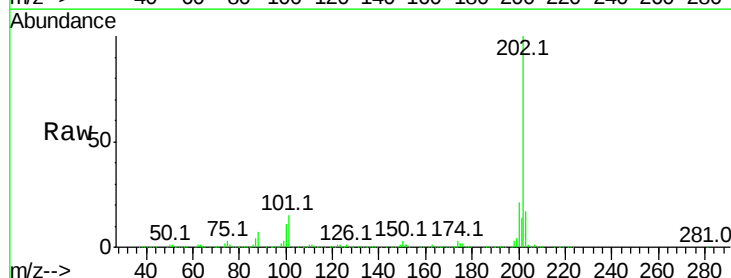
Tgt Ion:202 Resp: 1125887

Ion Ratio Lower Upper

202 100

101 14.7 9.9 14.9

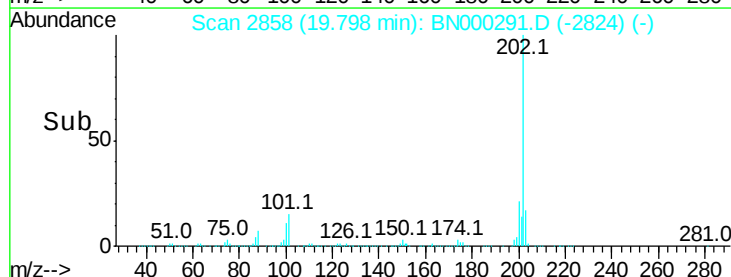
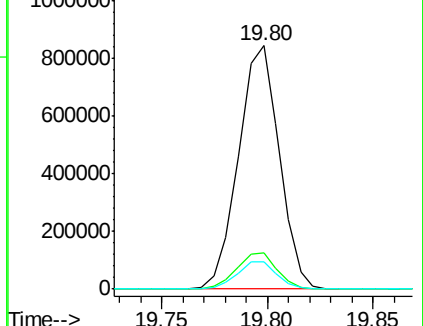
100 11.1 7.4 11.0#

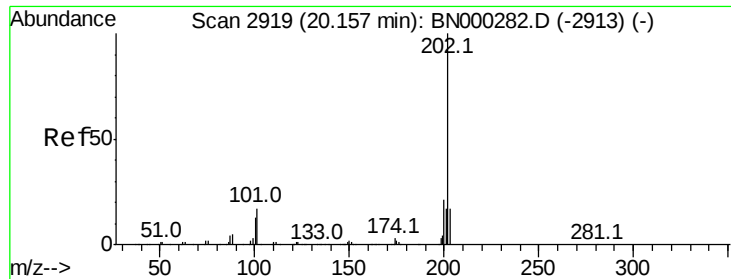


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

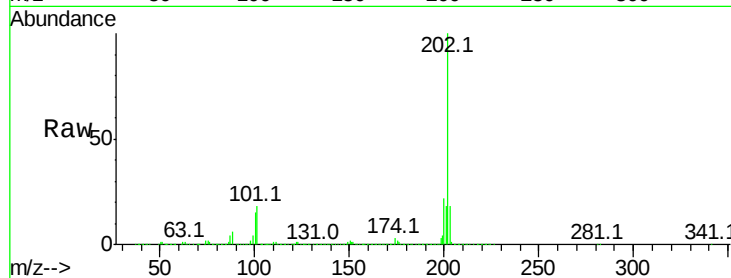




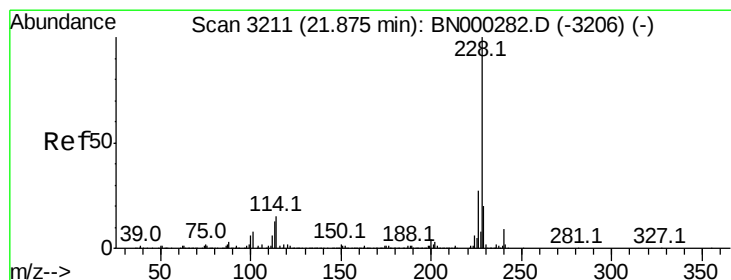
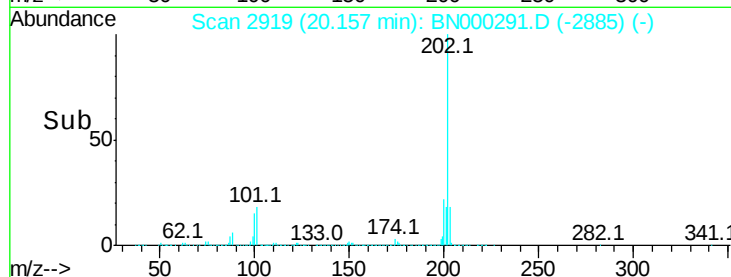
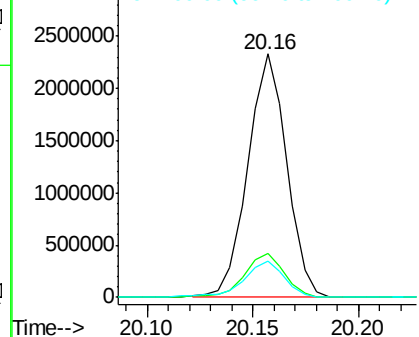
#19
Pvrene
Concen: 30.686 ng/ul
RT: 20.16 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BN000291.D
Acq: 09 Mar 2018 20:36

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 2959481
Ion Ratio Lower Upper
202 100
101 17.8 11.0 16.4#
100 14.8 8.1 12.1#

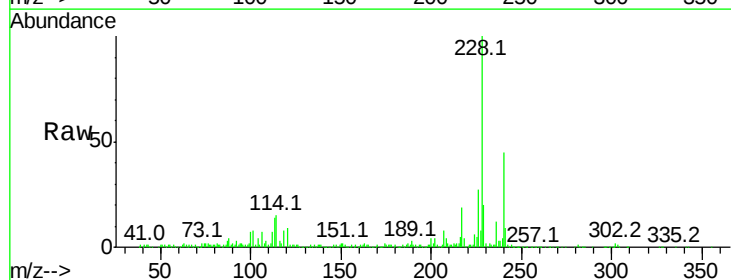


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

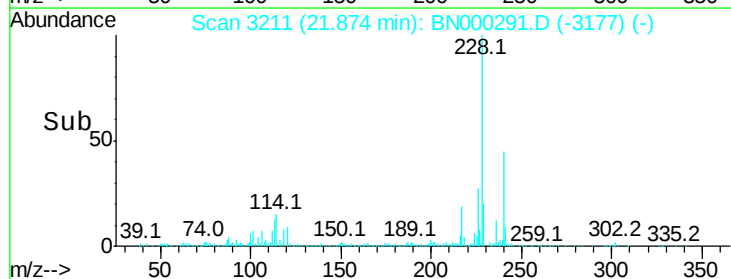
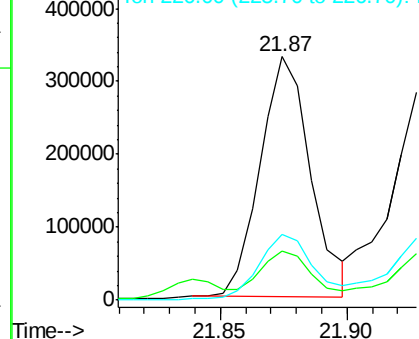


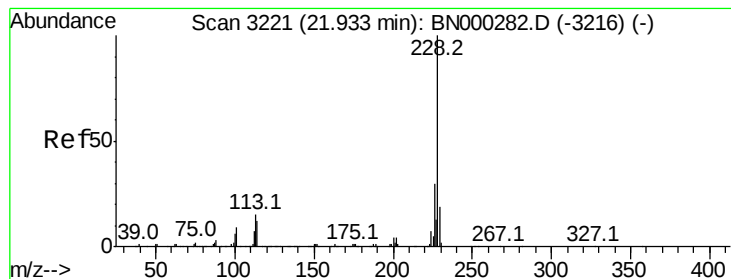
#20
Benzo(a)anthracene
Concen: 4.824 ng/ul
RT: 21.87 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BN000291.D
Acq: 09 Mar 2018 20:36

Tgt Ion:228 Resp: 458103
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 26.9 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





#21

Chrysene

Concen: 4.999 ng/ul

RT: 21.93 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BN000291.D

Acq: 09 Mar 2018 20:36

Instrument :

BNA_N

ClientSampleId :

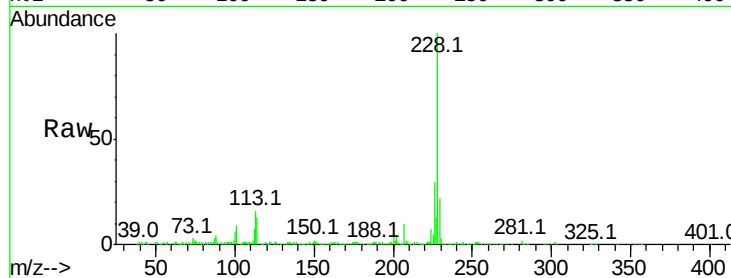
Tot Ion:228 Resp: 450497

Ion Ratio Lower Upper

228 100

226 29.7 24.5 36.7

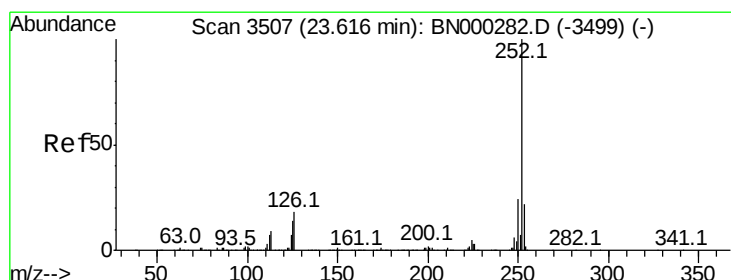
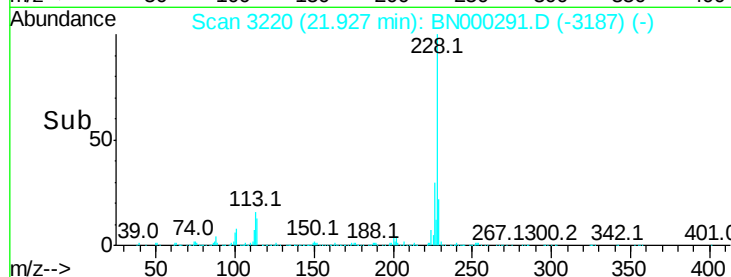
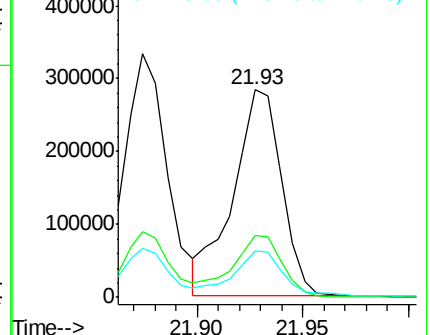
229 22.2 15.8 23.8



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



#23

Benzo(b)fluoranthene

Concen: 6.002 ng/ul

RT: 23.62 min Scan# 3507

Delta R.T. -0.00 min

Lab File: BN000291.D

Acq: 09 Mar 2018 20:36

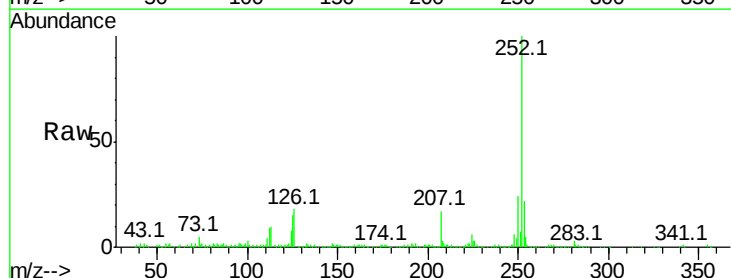
Tgt Ion:252 Resp: 585625

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

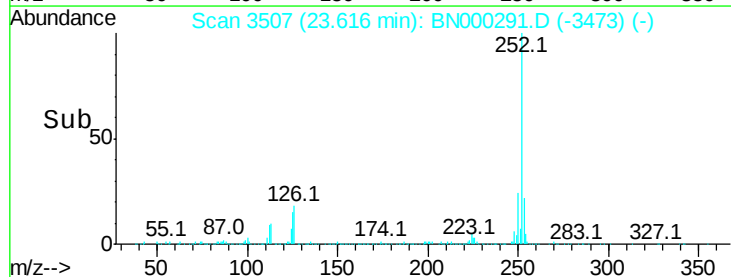
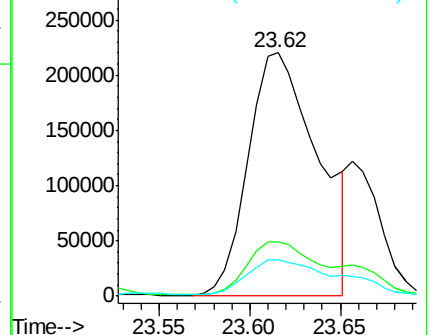
125 15.1 8.0 12.0#

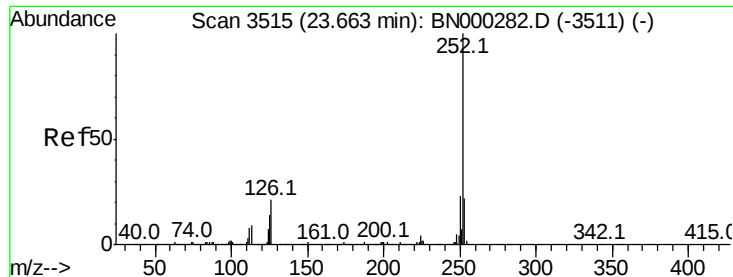


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 6.412 ng/ul

RT: 23.62 min Scan# 3507

Delta R.T. -0.05 min

Lab File: BN000291.D

Acq: 09 Mar 2018 20:36

Instrument :

BNA_N

ClientSampled :

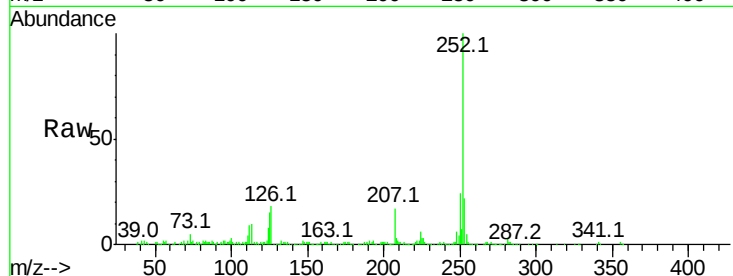
Tot Ion:252 Resp: 585625

Ion Ratio Lower Upper

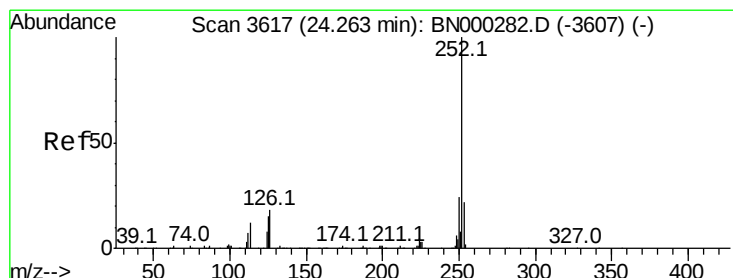
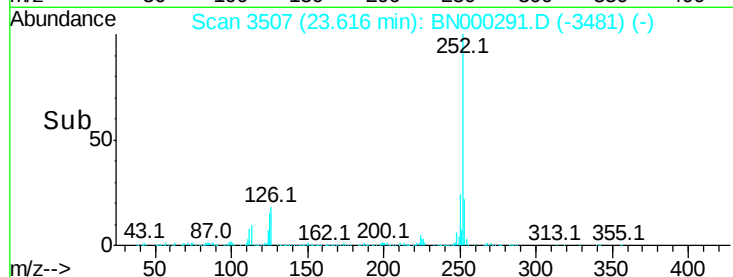
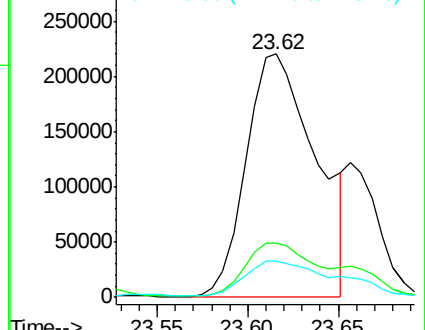
252 100

253 22.2 18.0 27.0

125 15.1 8.1 12.1#



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



#26

Benzo(a)pyrene

Concen: 3.678 ng/ul

RT: 24.26 min Scan# 3617

Delta R.T. -0.00 min

Lab File: BN000291.D

Acq: 09 Mar 2018 20:36

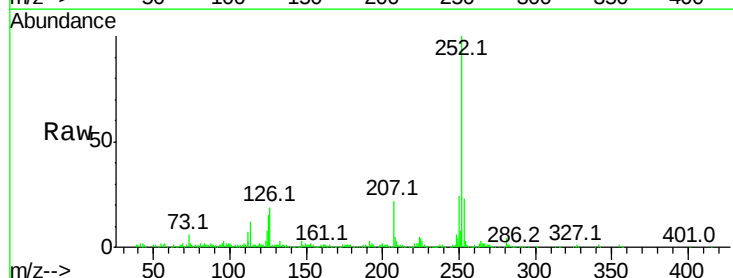
Tgt Ion:252 Resp: 341527

Ion Ratio Lower Upper

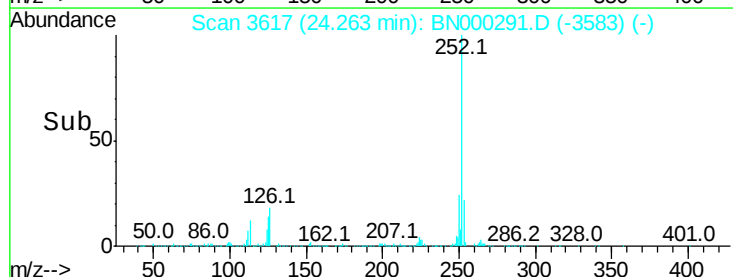
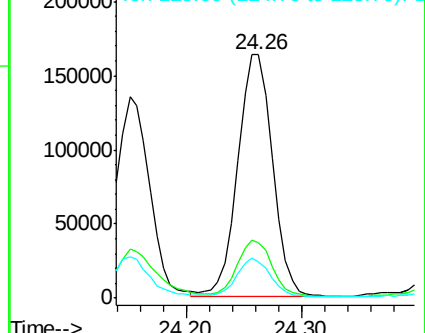
252 100

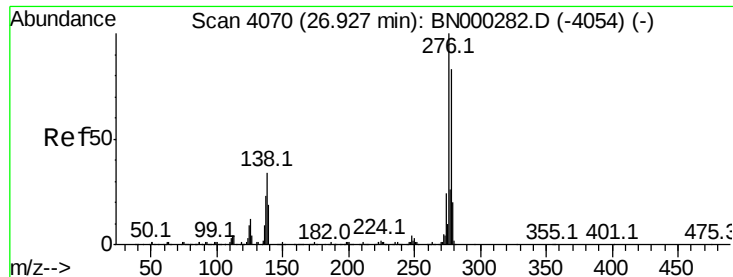
253 22.9 17.2 25.8

125 15.0 8.2 12.4#



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

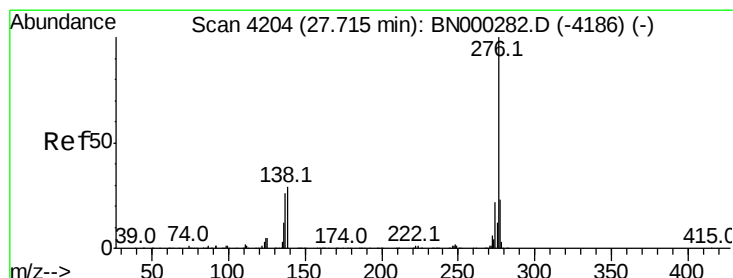
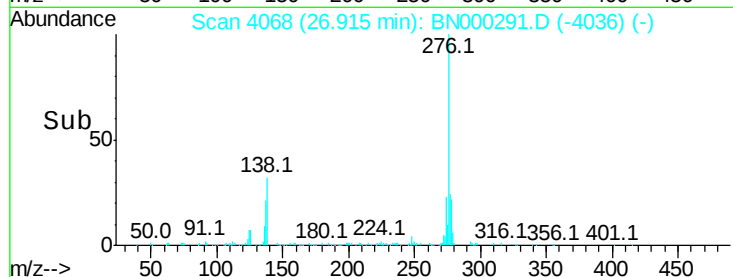
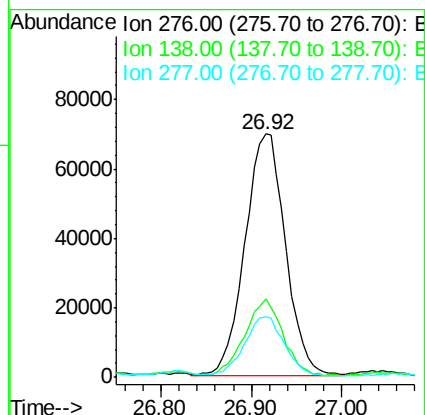
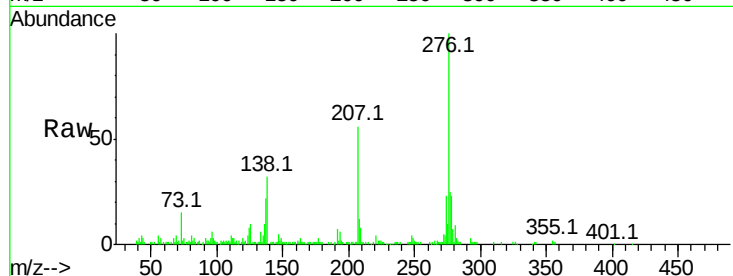




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.138 ng/ul
 RT: 26.92 min Scan# 4068
 Delta R.T. -0.01 min
 Lab File: BN000291.D
 Acq: 09 Mar 2018 20:36

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.1	14.4	21.6#
277	24.6	18.0	27.0



#29
 Benzo(g,h,i)perylene
 Concen: 2.482 ng/ul
 RT: 27.70 min Scan# 4202
 Delta R.T. -0.01 min
 Lab File: BN000291.D
 Acq: 09 Mar 2018 20:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.0	15.3	22.9#
277	24.2	19.0	28.4

