

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000919.D
 Acq On : 26 Apr 2018 07:23
 Operator : JU/SJ
 Sample : J2443-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 26 08:39:17 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

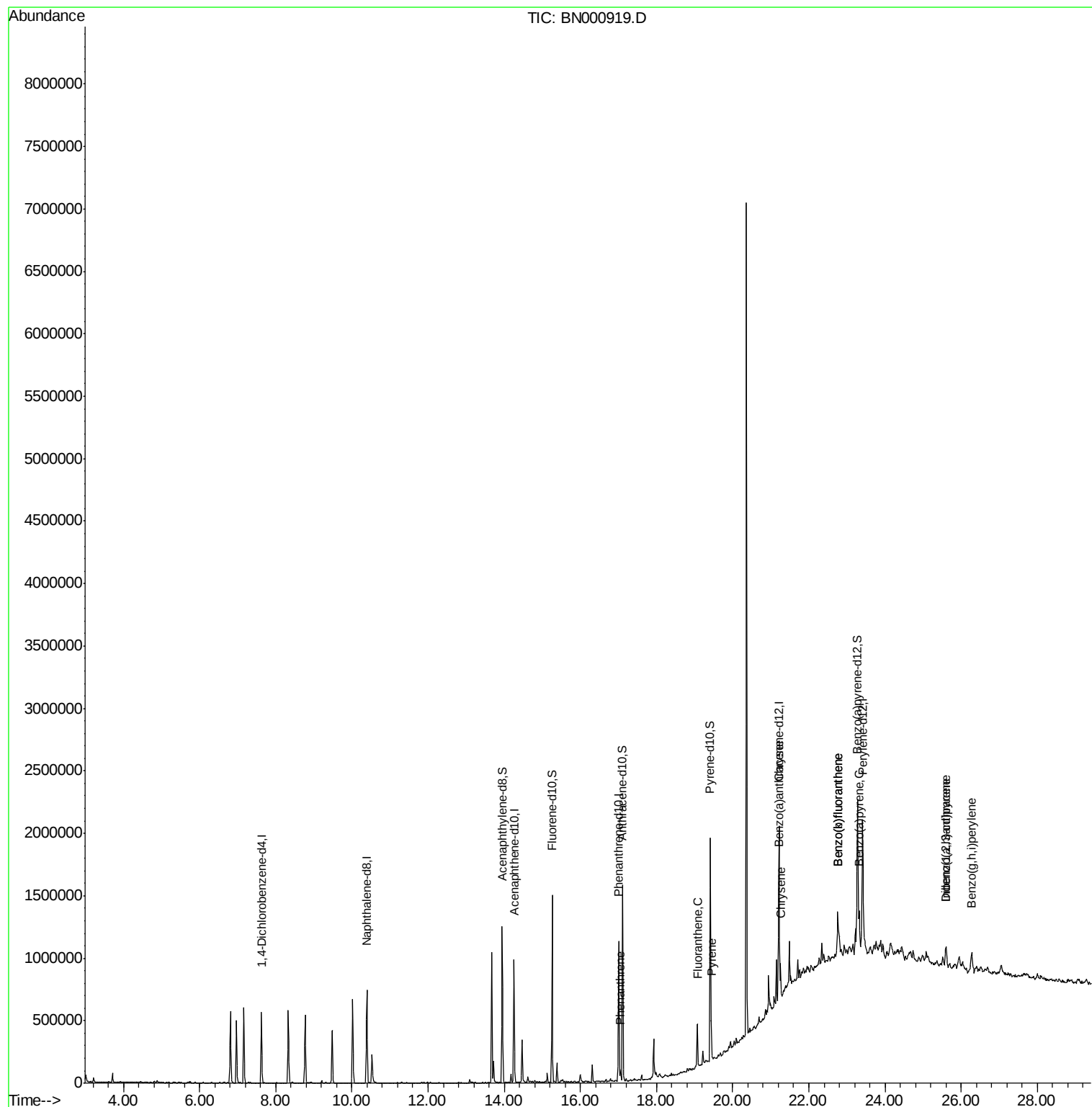
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	145659	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	594890	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	294538	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	603568	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	551972	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	594439	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	847536	29.96	ng/ul	0.00
10) Fluorene-d10	15.26	176	545341	28.88	ng/ul	0.00
14) Anthracene-d10	17.10	188	810212	29.35	ng/ul	0.00
18) Pyrene-d10	19.41	212	835153	29.53	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	795695	28.34	ng/ul	0.02
Target Compounds						
13) Phenanthrene	17.05	178	52556	1.597	ng/ul	Ovalue 100
16) Fluoranthene	19.07	202	193482	5.793	ng/ul	96
19) Pyrene	19.44	202	162941	4.596	ng/ul#	92
20) Benzo(a)anthracene	21.20	228	163432	4.953	ng/ul	96
21) Chrysene	21.25	228	155066	5.000	ng/ul	96
23) Benzo(b)fluoranthene	22.76	252	360475	10.671	ng/ul#	94
24) Benzo(k)fluoranthene	22.76	252	258447	7.818	ng/ul#	94
26) Benzo(a)pyrene	23.32	252	173949	5.388	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.60	276	134830	3.458	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.61	278	39701	1.222	ng/ul#	67
29) Benzo(g,h,i)perylene	26.27	276	124785	3.826	ng/ul#	91

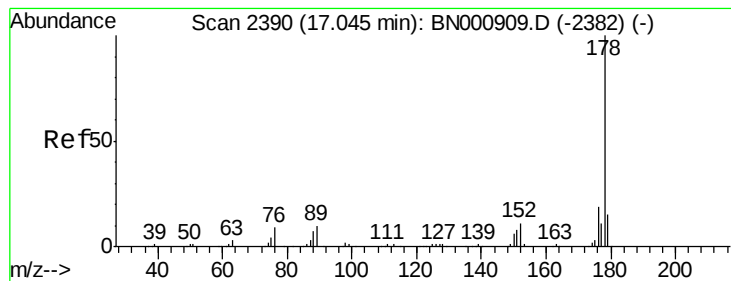
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.597 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BN000919.D

Acq: 26 Apr 2018 07:23

Instrument :

BNA_N

ClientSampleId :

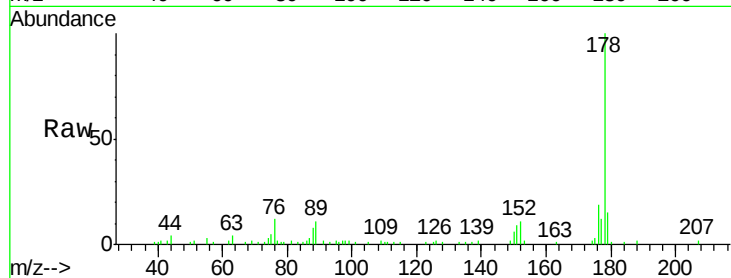
Tot Ion:178 Resp: 52556

Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

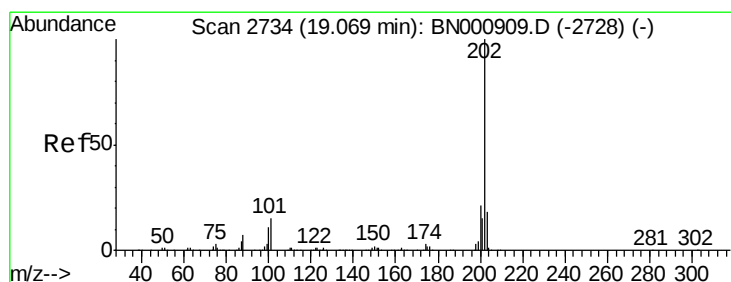
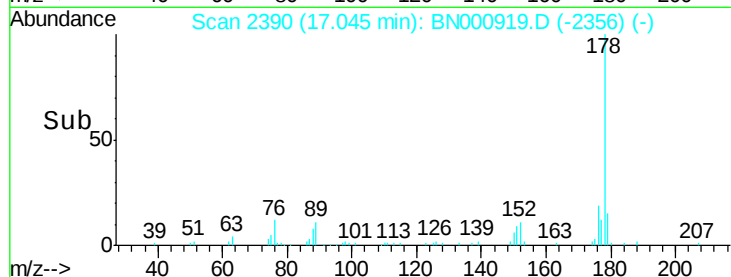
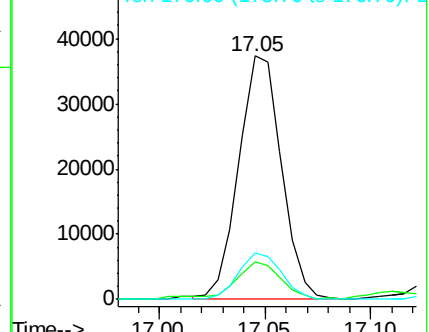
176 18.9 15.1 22.7



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



#16

Fluoranthene

Concen: 5.793 ng/ul

RT: 19.07 min Scan# 2735

Delta R.T. 0.01 min

Lab File: BN000919.D

Acq: 26 Apr 2018 07:23

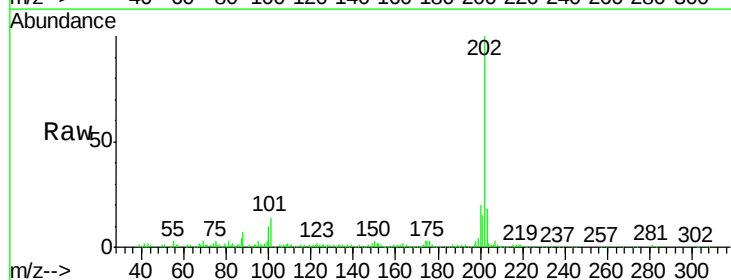
Tgt Ion:202 Resp: 193482

Ion Ratio Lower Upper

202 100

101 14.0 9.9 14.9

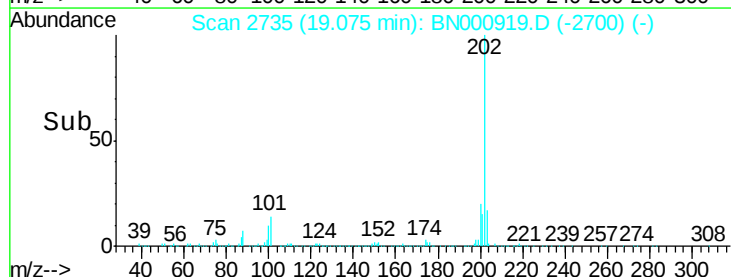
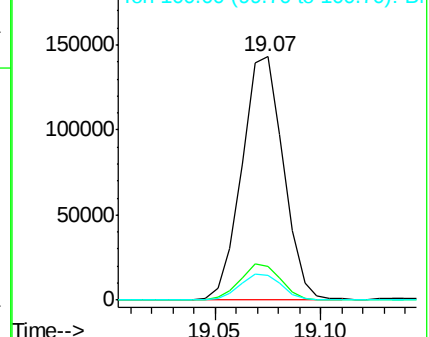
100 10.2 7.4 11.0

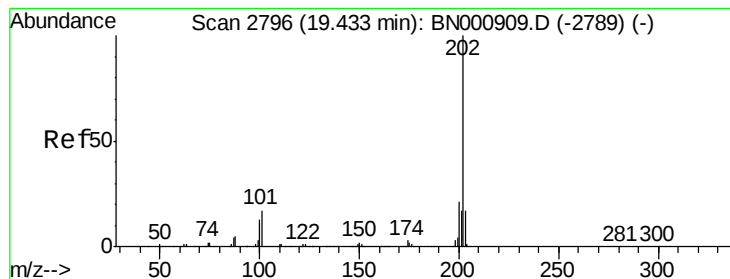


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 4.596 ng/ul

RT: 19.44 min Scan# 2797

Delta R.T. 0.01 min

Lab File: BN000919.D

Acq: 26 Apr 2018 07:23

Instrument :

BNA_N

ClientSampleId :

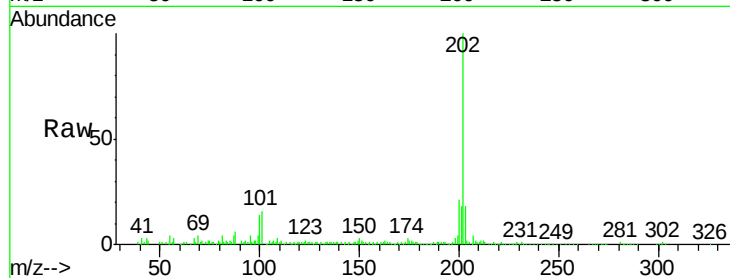
Tot Ion:202 Resp: 162941

Ion Ratio Lower Upper

202 100

101 16.4 11.0 16.4

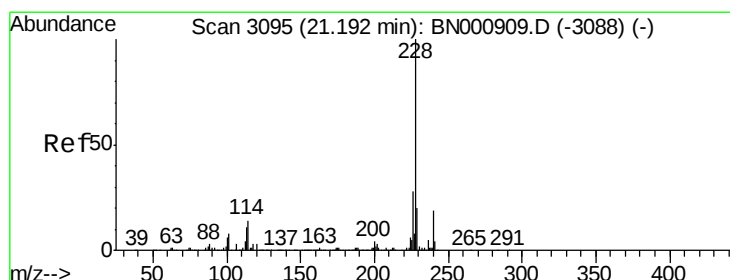
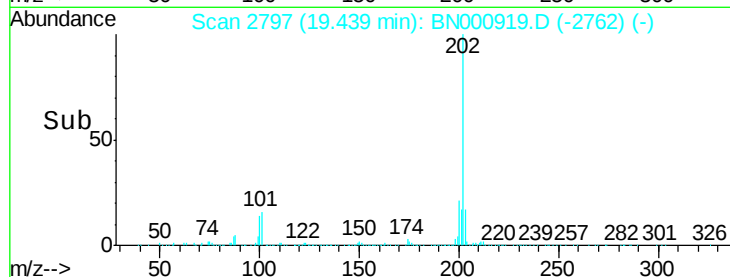
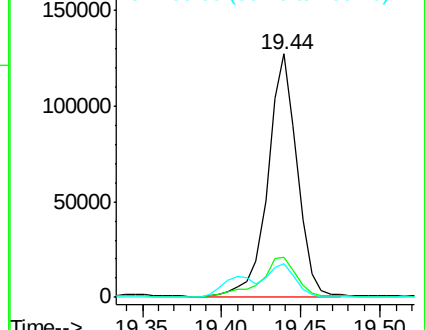
100 13.7 8.1 12.1#



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: 4.953 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BN000919.D

Acq: 26 Apr 2018 07:23

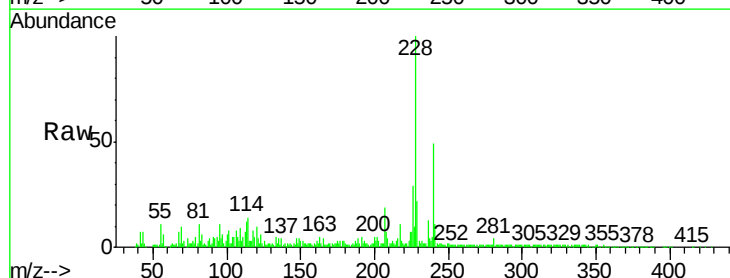
Tgt Ion:228 Resp: 163432

Ion Ratio Lower Upper

228 100

229 21.7 15.7 23.5

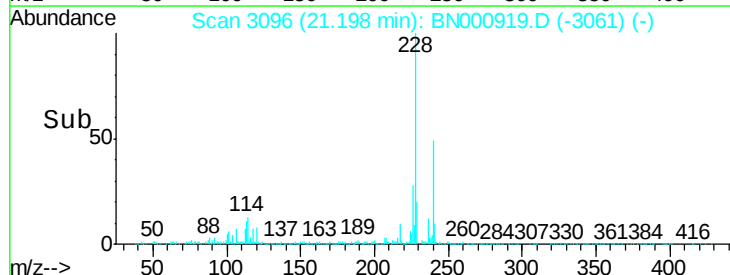
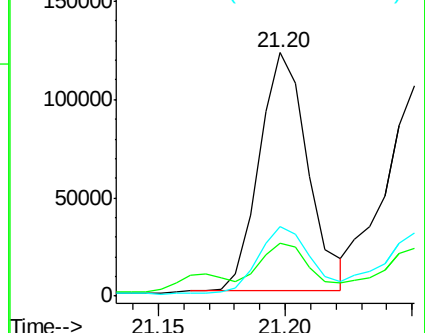
226 28.6 21.1 31.7

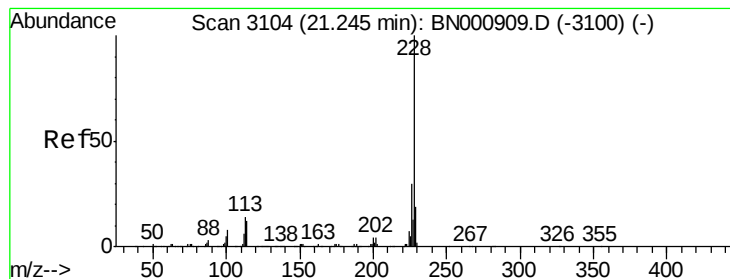


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 5.000 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. 0.01 min

Lab File: BN000919.D

Acq: 26 Apr 2018 07:23

Instrument :

BNA_N

ClientSampleId :

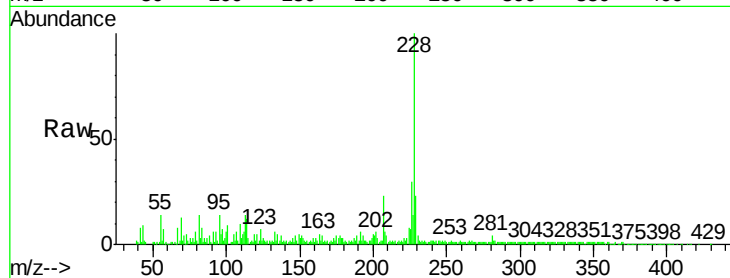
Tot Ion:228 Resp: 155066

Ion Ratio Lower Upper

228 100

226 29.6 24.5 36.7

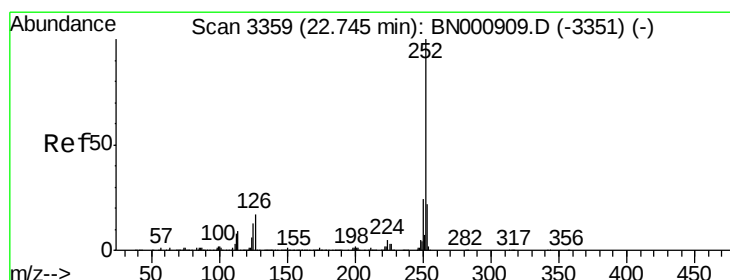
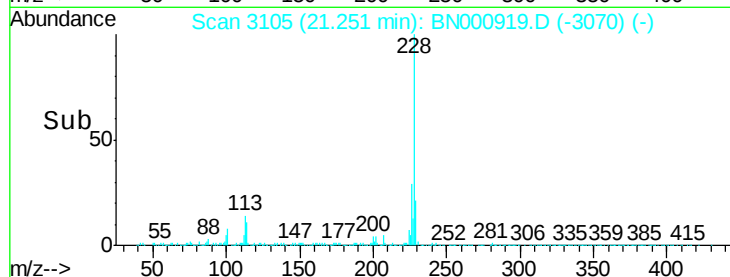
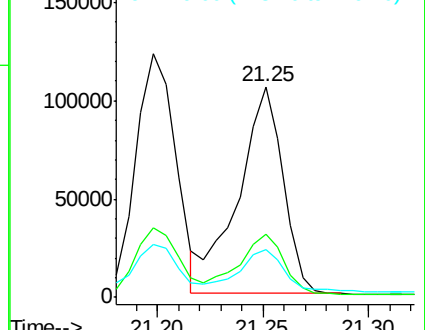
229 22.9 15.8 23.8



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: 10.671 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. 0.02 min

Lab File: BN000919.D

Acq: 26 Apr 2018 07:23

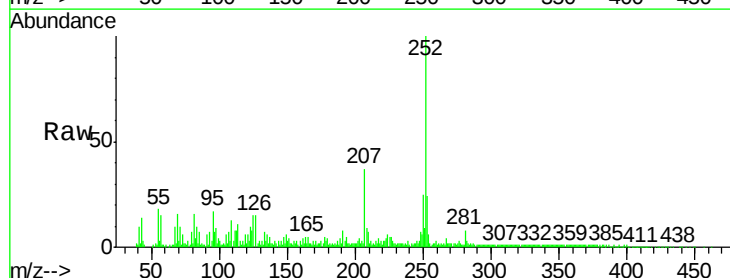
Tgt Ion:252 Resp: 360475

Ion Ratio Lower Upper

252 100

253 23.9 18.0 27.0

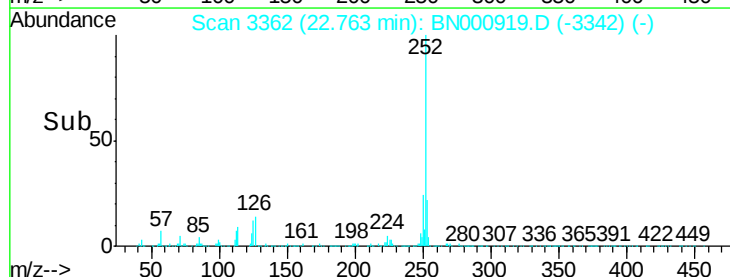
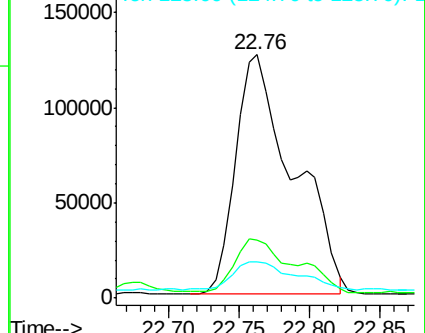
125 14.7 8.0 12.0#

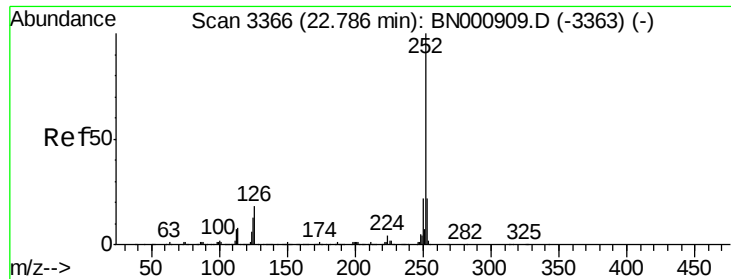


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

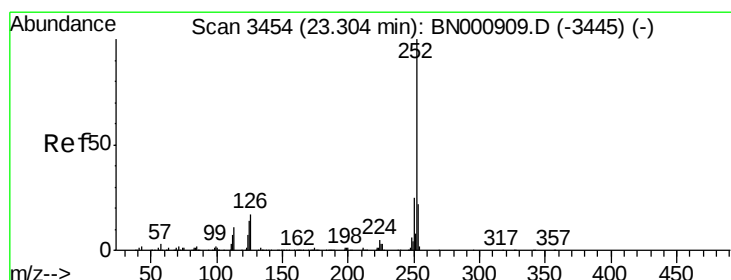
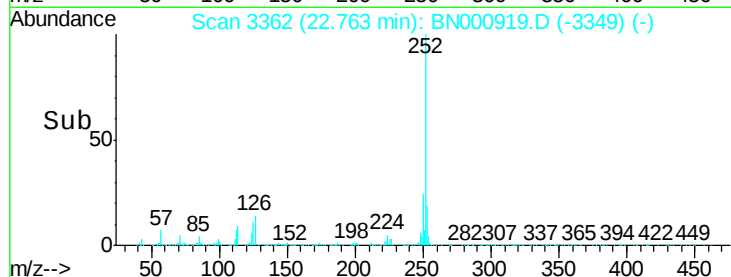
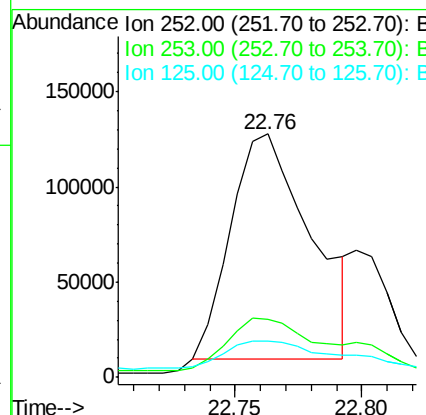
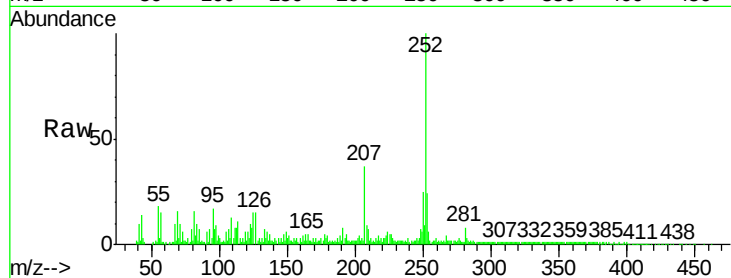




#24
Benzo(k)fluoranthene
Concen: 7.818 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. -0.02 min
Lab File: BN000919.D
Acq: 26 Apr 2018 07:23

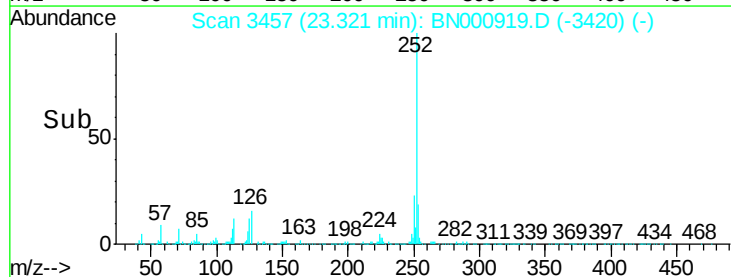
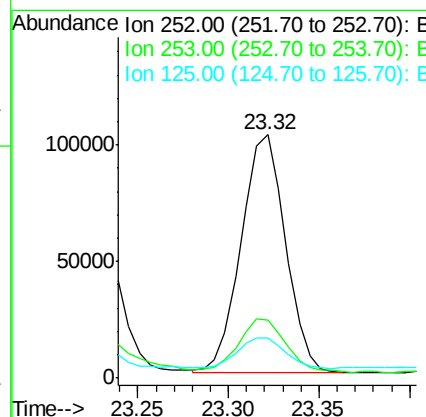
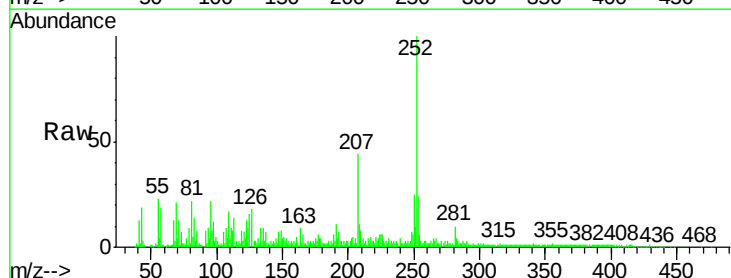
Instrument :
BNA_N
ClientSampleId :

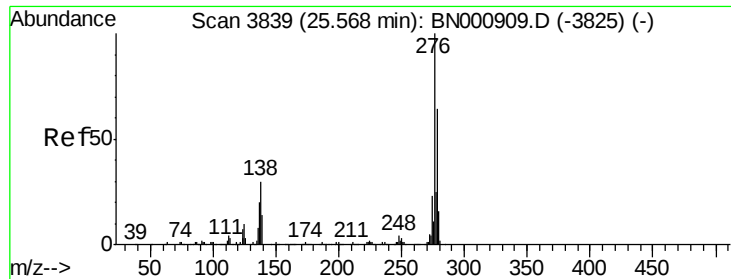
Tot Ion:252 Resp: 258447
Ion Ratio Lower Upper
252 100
253 23.9 18.0 27.0
125 14.7 8.1 12.1#



#26
Benzo(a)pyrene
Concen: 5.388 ng/ul
RT: 23.32 min Scan# 3457
Delta R.T. 0.02 min
Lab File: BN000919.D
Acq: 26 Apr 2018 07:23

Tgt Ion:252 Resp: 173949
Ion Ratio Lower Upper
252 100
253 23.8 17.2 25.8
125 16.3 8.2 12.4#

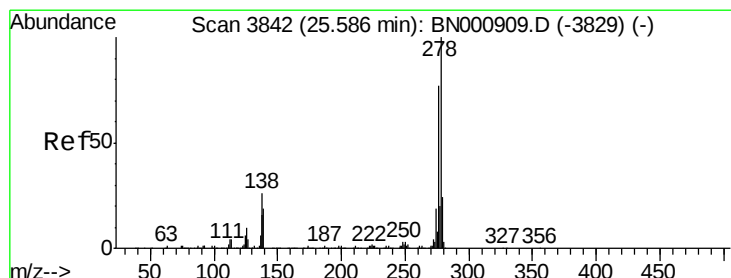
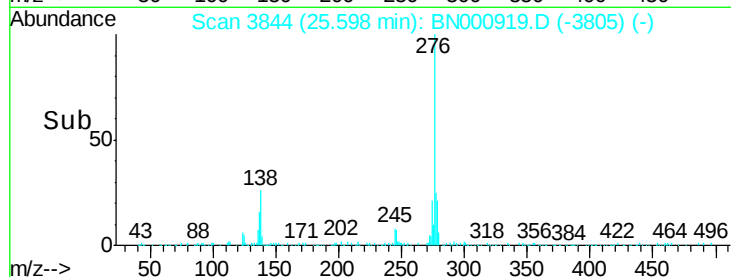
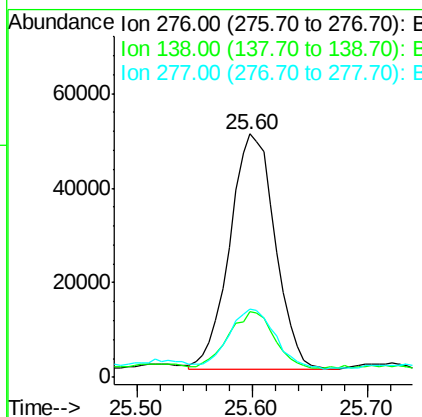
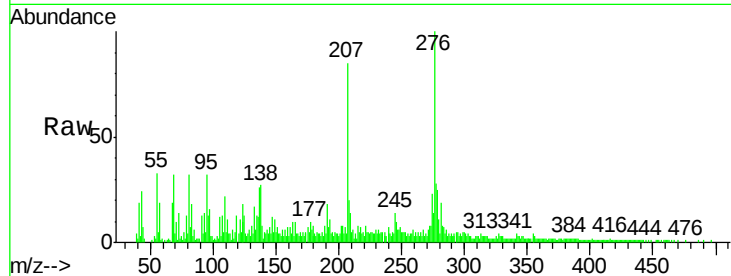




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.458 ng/ul
 RT: 25.60 min Scan# 3844
 Delta R.T. 0.03 min
 Lab File: BN000919.D
 Acq: 26 Apr 2018 07:23

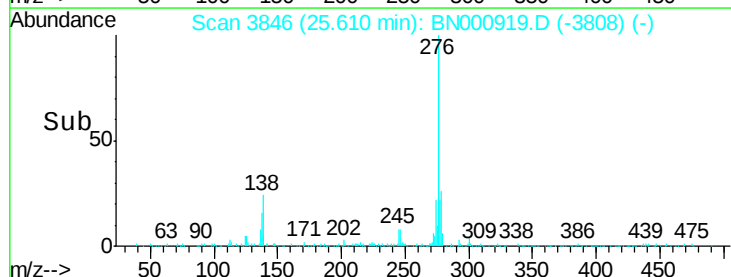
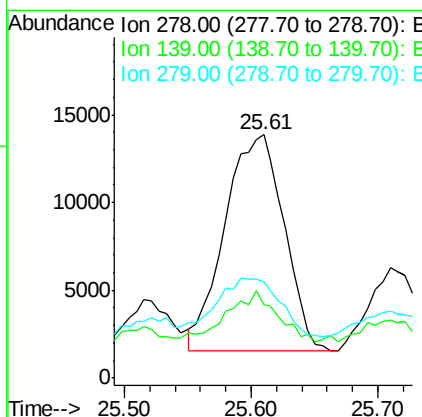
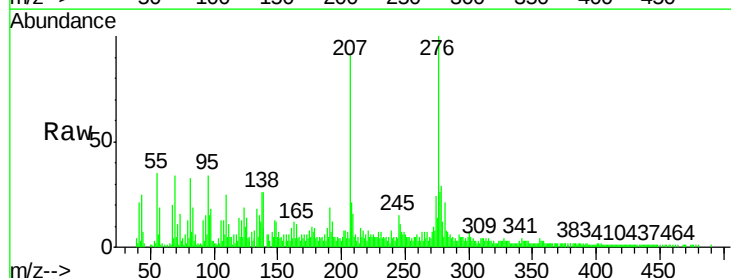
Instrument :
 BNA_N
 ClientSampleId :

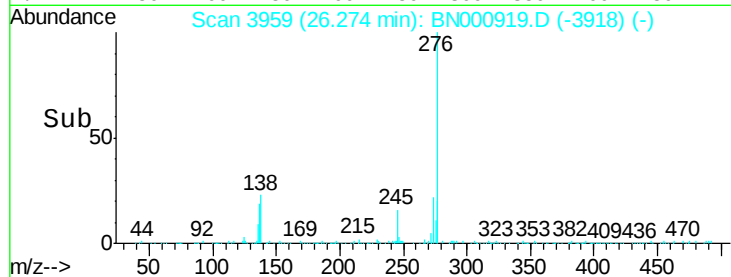
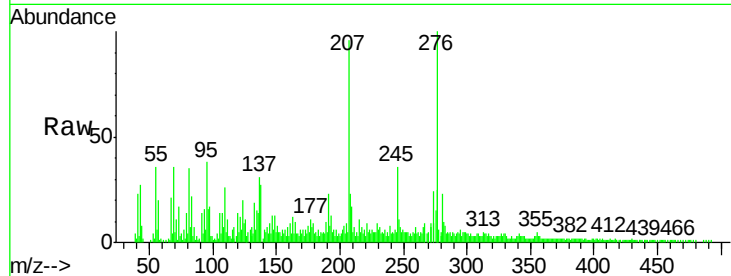
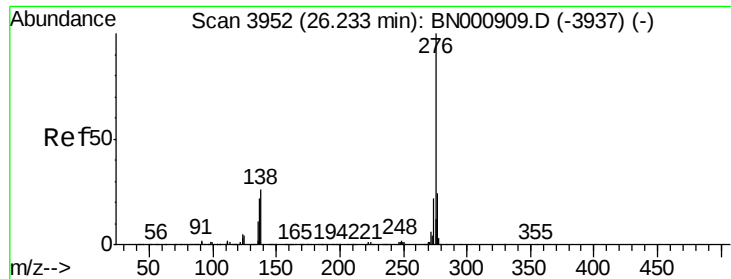
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	14.4	21.6#
277	28.2	18.0	27.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 1.222 ng/ul
 RT: 25.61 min Scan# 3846
 Delta R.T. 0.02 min
 Lab File: BN000919.D
 Acq: 26 Apr 2018 07:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.3	12.2	18.4#
279	39.6	19.2	28.8#





#29

Benzo(a,h,i)perylene

Concen: 3.826 ng/ul

RT: 26.27 min Scan# 3959

Delta R.T. 0.04 min

Lab File: BN000919.D

Acq: 26 Apr 2018 07:23

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 124785

Ion Ratio Lower Upper

276 100

138 26.5 15.3 22.9#

277 25.4 19.0 28.4

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

