

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
 Data File : BN000886.D
 Acq On : 25 Apr 2018 11:51
 Operator : JU/SJ
 Sample : J2444-15
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 25 12:49:19 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 25 08:30:17 2018
 Response via : Initial Calibration

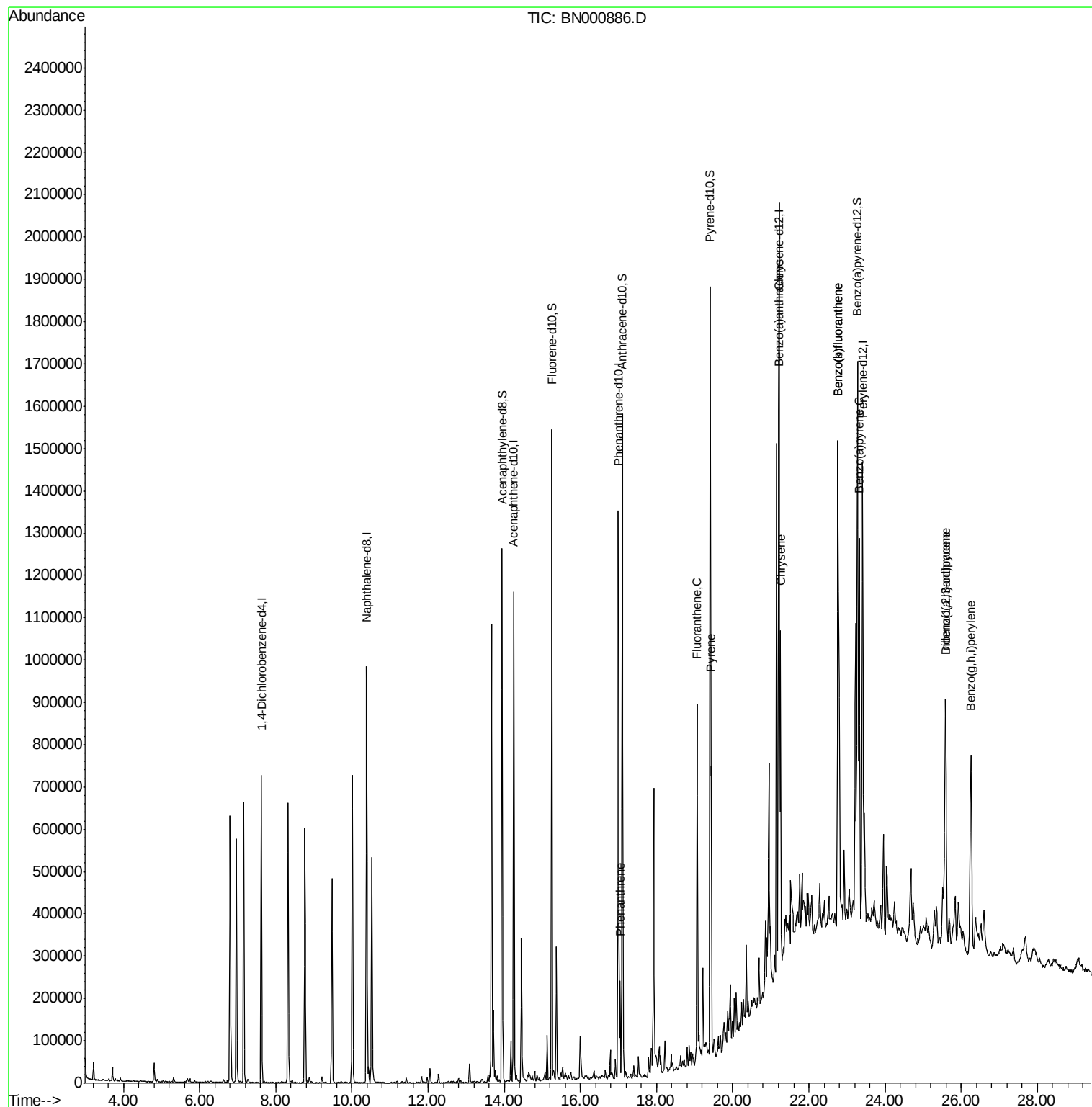
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	179238	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	750840	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	362616	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	702457	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	641675	20.00	ng/ul	0.01
22) Perylene-d12	23.42	264	700618	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	821146	23.58	ng/ul	0.00
10) Fluorene-d10	15.25	176	554749	23.87	ng/ul	0.00
14) Anthracene-d10	17.10	188	797149	24.82	ng/ul	0.00
18) Pyrene-d10	19.40	212	820080	24.94	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	905686	27.37	ng/ul	0.02
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	125120	3.266	ng/ul	99
16) Fluoranthene	19.07	202	443238	11.403	ng/ul#	95
19) Pyrene	19.43	202	412297	10.003	ng/ul#	90
20) Benzo(a)anthracene	21.20	228	390603	10.183	ng/ul	95
21) Chrysene	21.25	228	396756	11.005	ng/ul	97
23) Benzo(b)fluoranthene	22.76	252	895454	22.490	ng/ul#	97
24) Benzo(k)fluoranthene	22.76	252	826523	21.214	ng/ul#	97
26) Benzo(a)pyrene	23.32	252	553070	14.535	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.59	276	492402	10.714	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.59	278	142830	3.729	ng/ul#	82
29) Benzo(g,h,i)perylene	26.26	276	507269	13.196	ng/ul#	93

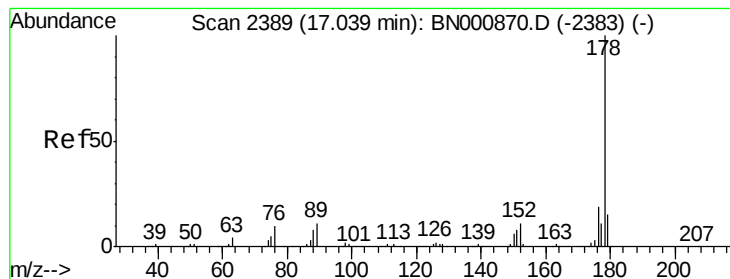
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 3.266 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BN000886.D

Acq: 25 Apr 2018 11:51

Instrument :

BNA_N

ClientSampleId :

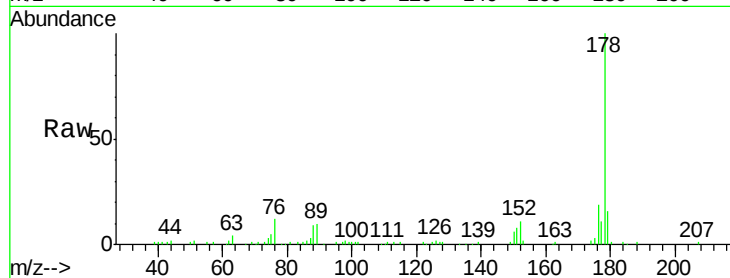
Tot Ion:178 Resp: 125120

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

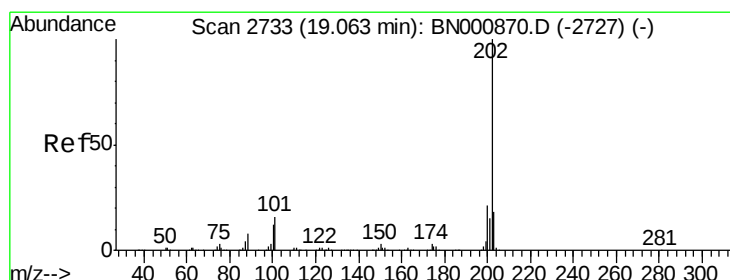
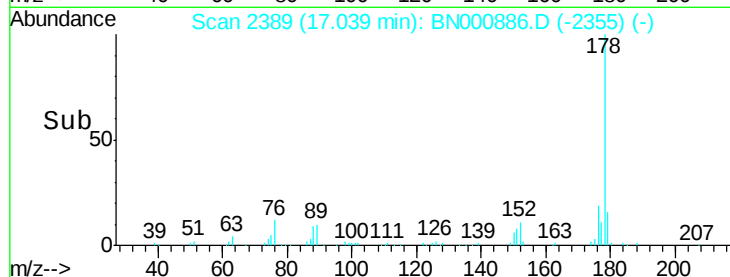
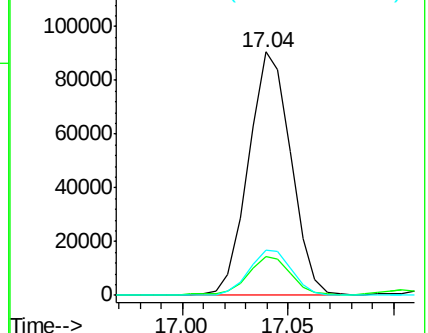
176 18.6 15.1 22.7



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: 11.403 ng/ul

RT: 19.07 min Scan# 2734

Delta R.T. 0.01 min

Lab File: BN000886.D

Acq: 25 Apr 2018 11:51

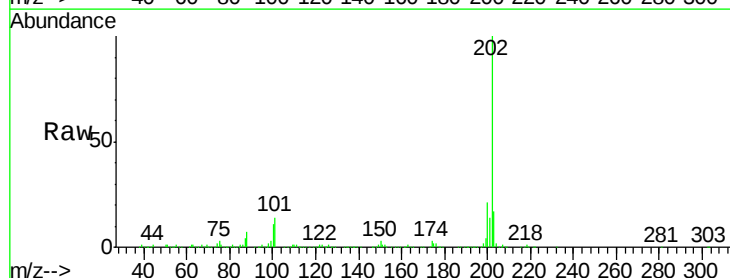
Tgt Ion:202 Resp: 443238

Ion Ratio Lower Upper

202 100

101 14.0 9.9 14.9

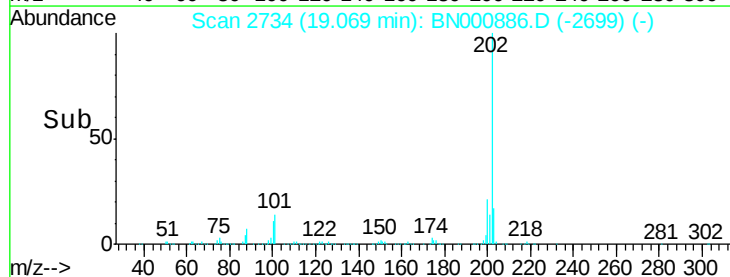
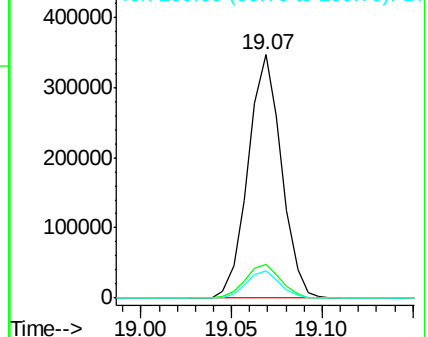
100 11.3 7.4 11.0#

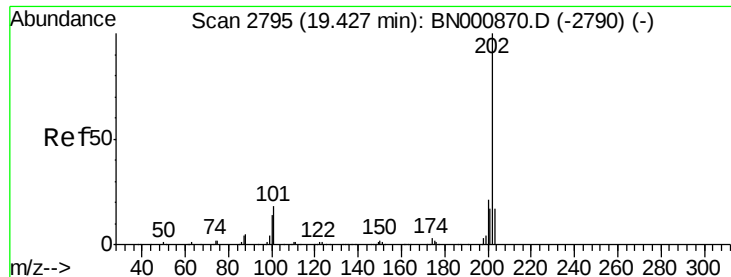


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 10.003 ng/ul

RT: 19.43 min Scan# 2796

Delta R.T. 0.01 min

Lab File: BN000886.D

Acq: 25 Apr 2018 11:51

Instrument :

BNA_N

ClientSampleId :

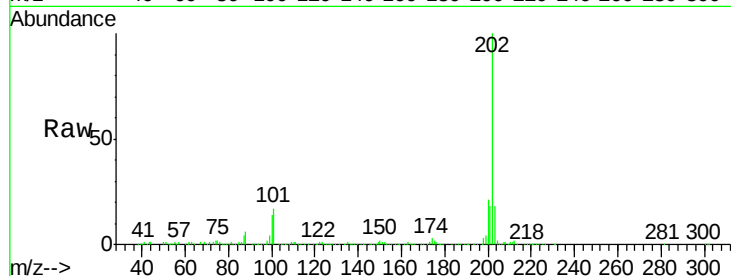
Tot Ion:202 Resp: 412297

Ion Ratio Lower Upper

202 100

101 17.3 11.0 16.4#

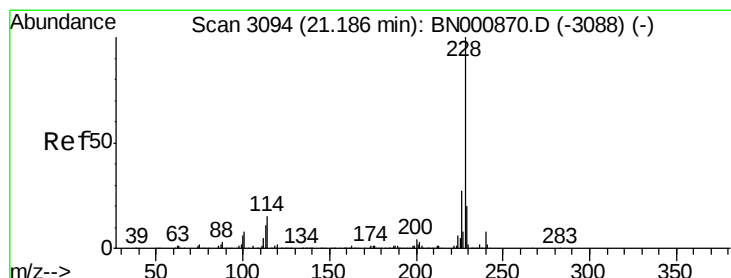
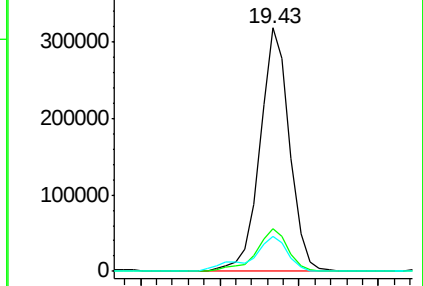
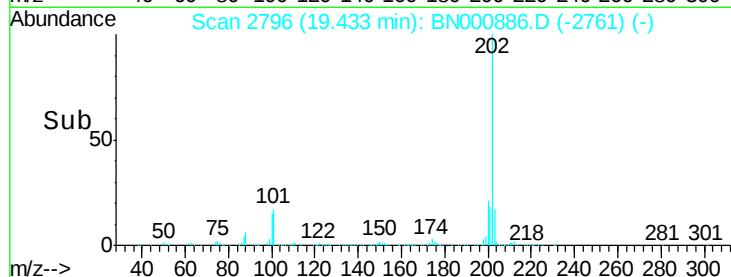
100 14.5 8.1 12.1#



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: 10.183 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BN000886.D

Acq: 25 Apr 2018 11:51

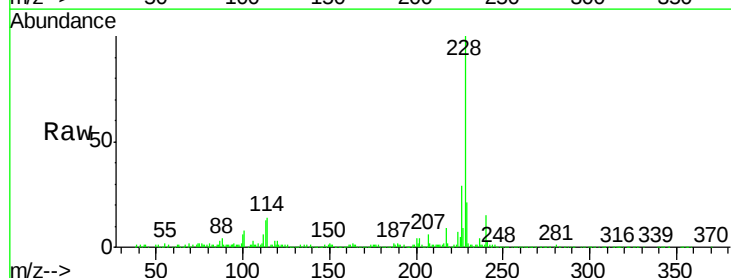
Tgt Ion:228 Resp: 390603

Ion Ratio Lower Upper

228 100

229 21.2 15.7 23.5

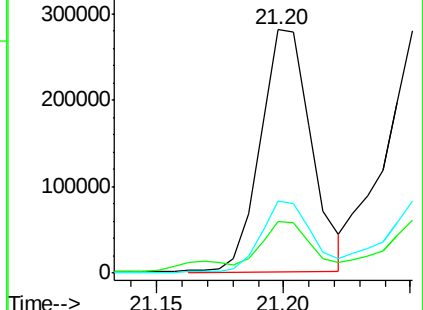
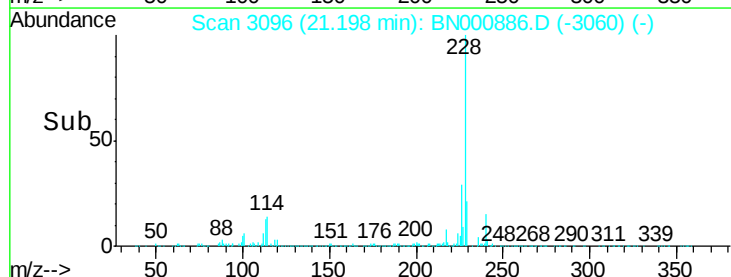
226 29.4 21.1 31.7

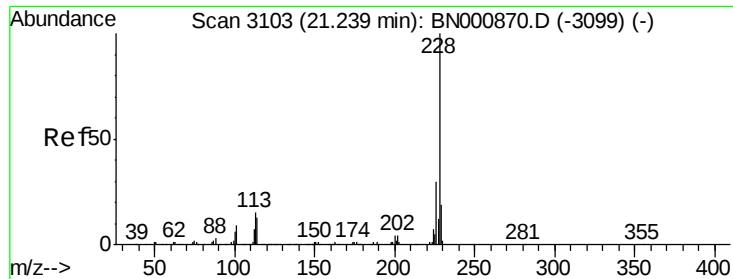


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 11.005 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. 0.01 min

Lab File: BN000886.D

Acq: 25 Apr 2018 11:51

Instrument :

BNA_N

ClientSampleId :

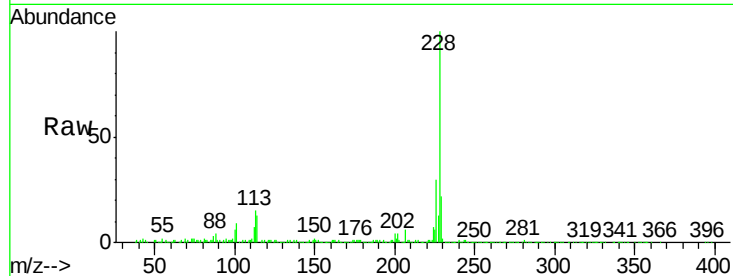
Tot Ion:228 Resp: 396756

Ion Ratio Lower Upper

228 100

226 29.8 24.5 36.7

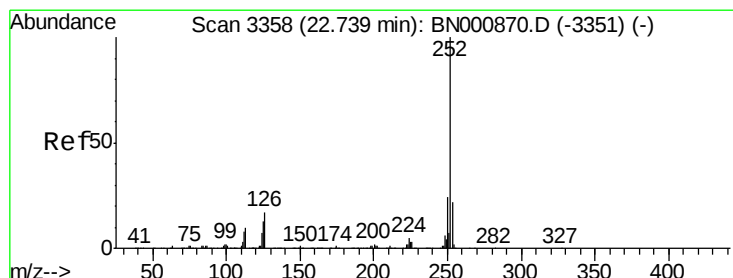
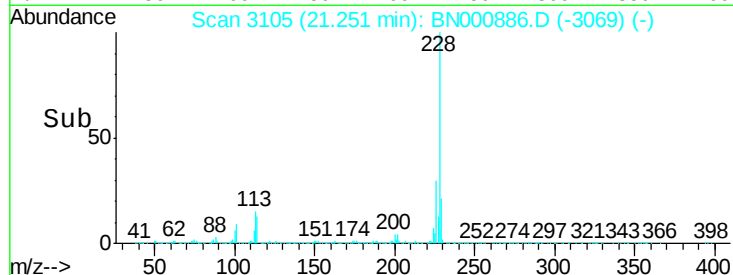
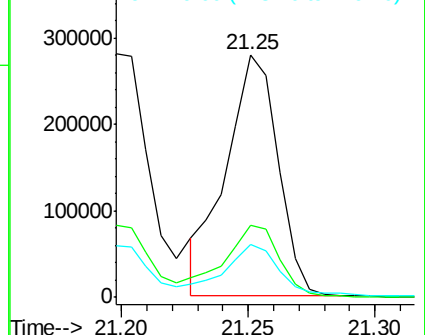
229 21.6 15.8 23.8



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: 22.490 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. 0.02 min

Lab File: BN000886.D

Acq: 25 Apr 2018 11:51

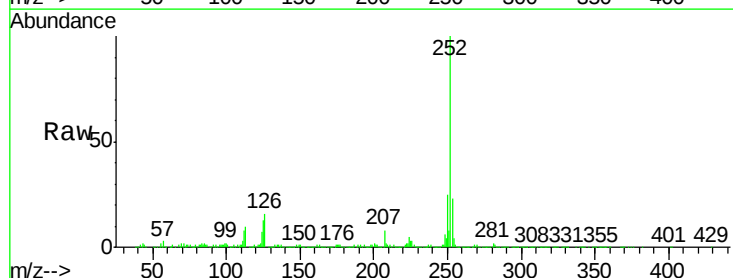
Tgt Ion:252 Resp: 895454

Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

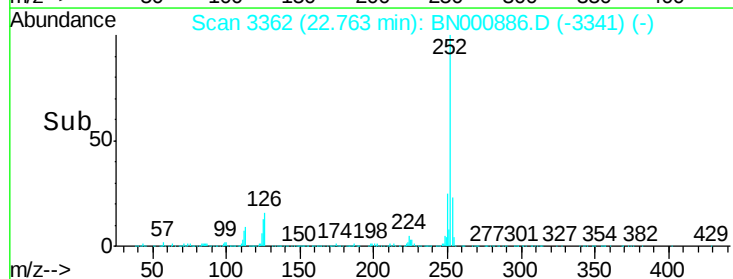
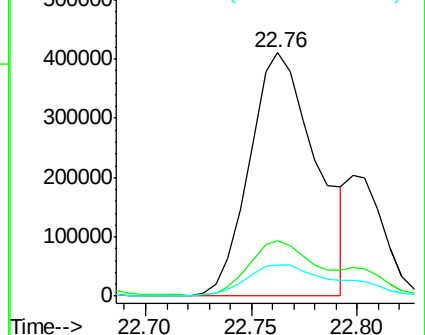
125 13.0 8.0 12.0#

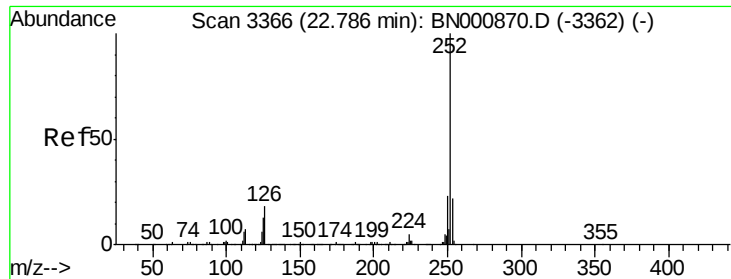


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 21.214 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. -0.02 min

Lab File: BN000886.D

Acq: 25 Apr 2018 11:51

Instrument :

BNA_N

ClientSampled :

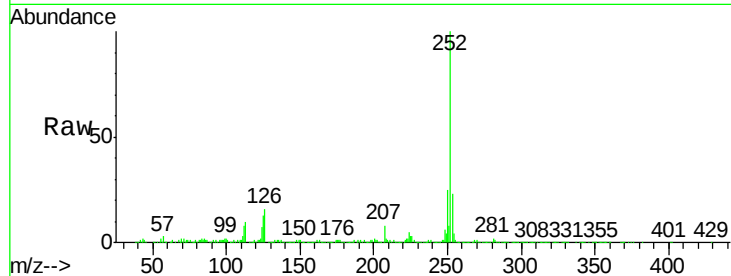
Tot Ion:252 Resp: 826523

Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

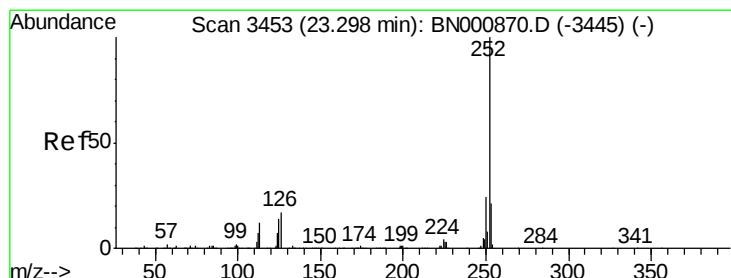
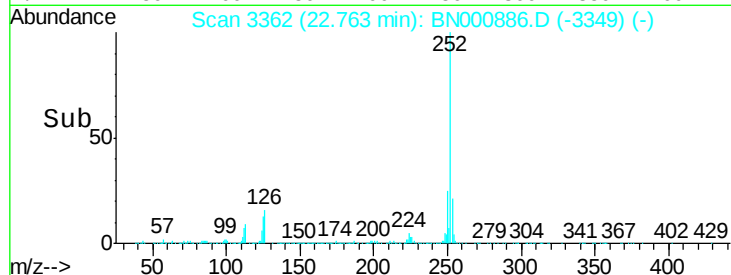
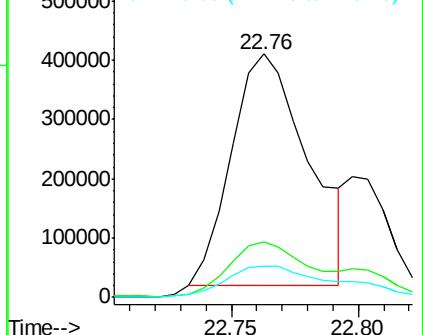
125 13.0 8.1 12.1#



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: 14.535 ng/ul

RT: 23.32 min Scan# 3457

Delta R.T. 0.02 min

Lab File: BN000886.D

Acq: 25 Apr 2018 11:51

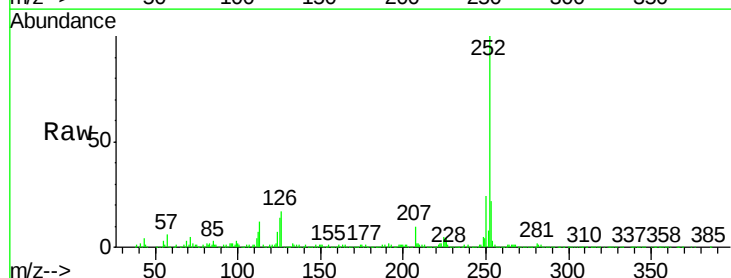
Tgt Ion:252 Resp: 553070

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

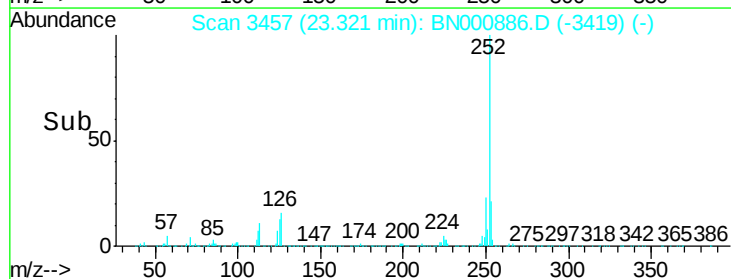
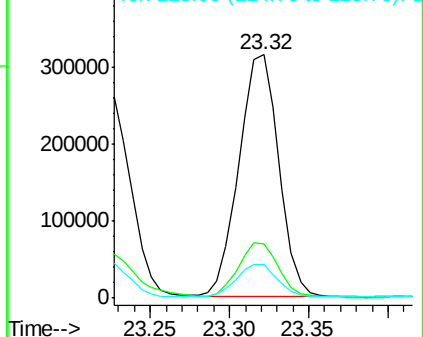
125 13.7 8.2 12.4#

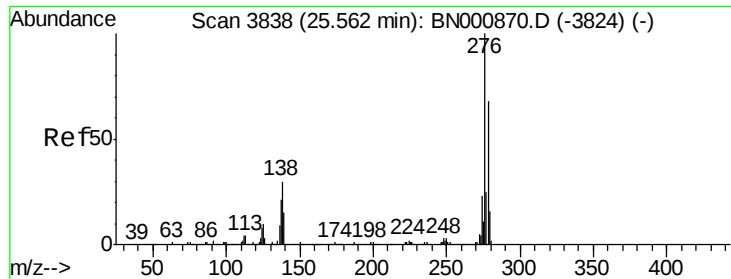


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

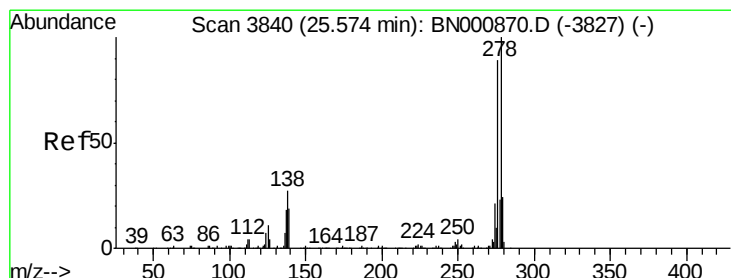
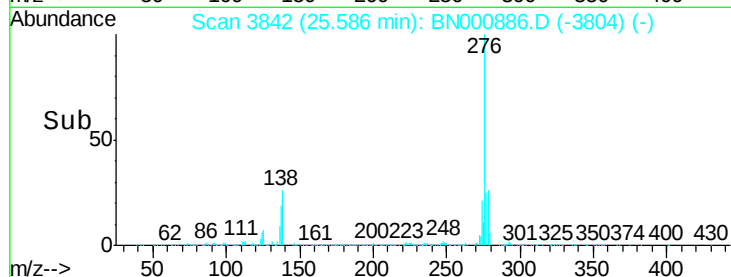
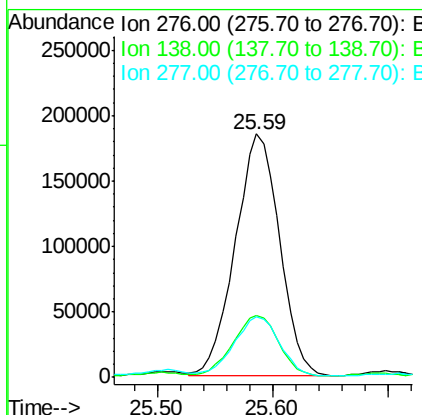
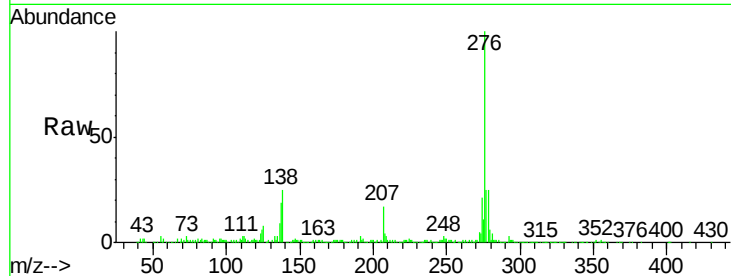




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 10.714 ng/ul
 RT: 25.59 min Scan# 3842
 Delta R.T. 0.02 min
 Lab File: BN000886.D
 Acq: 25 Apr 2018 11:51

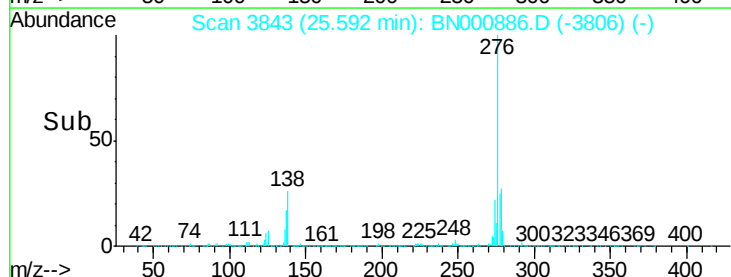
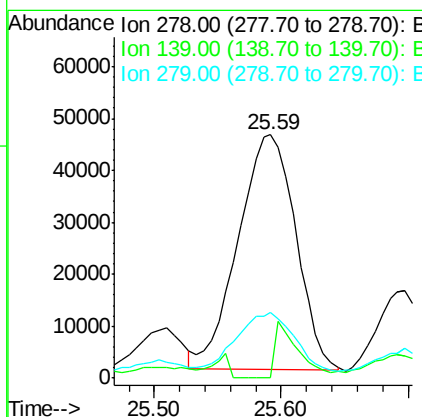
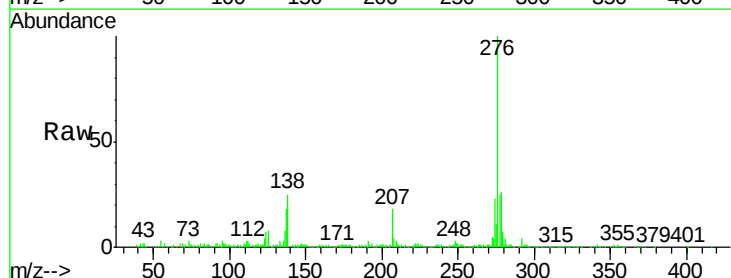
Instrument :
 BNA_N
 ClientSampleId :

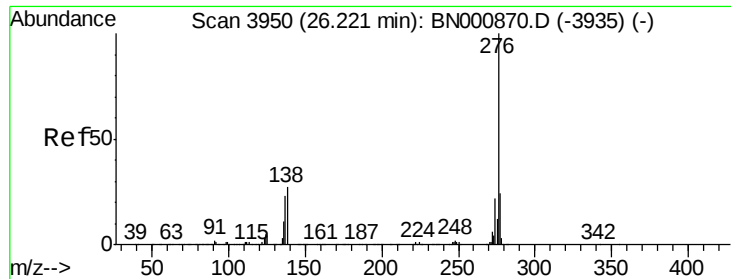
Tot Ion:276 Resp: 492402
 Ion Ratio Lower Upper
 276 100
 138 25.5 14.4 21.6#
 277 25.0 18.0 27.0



#28
 Dibenzo(a,h)anthracene
 Concen: 3.729 ng/ul
 RT: 25.59 min Scan# 3843
 Delta R.T. 0.02 min
 Lab File: BN000886.D
 Acq: 25 Apr 2018 11:51

Tgt Ion:278 Resp: 142830
 Ion Ratio Lower Upper
 278 100
 139 0.0 12.2 18.4#
 279 26.8 19.2 28.8





#29

Benzo(a,h,i)perylene

Concen: 13.196 ng/ul

RT: 26.26 min Scan# 3956

Delta R.T. 0.04 min

Lab File: BN000886.D

Acq: 25 Apr 2018 11:51

Instrument :

BNA_N

ClientSampleId :

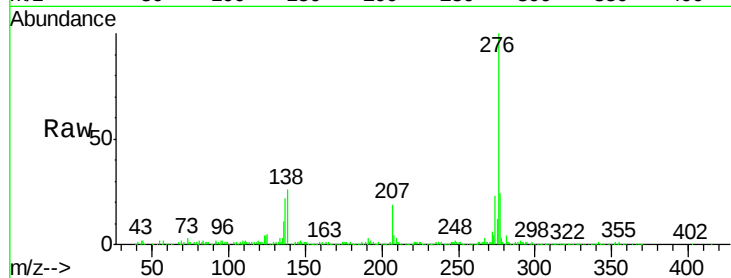
Tot Ion:276 Resp: 507269

Ion Ratio Lower Upper

276 100

138 25.7 15.3 22.9#

277 23.5 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

