

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
 Data File : BN001075.D
 Acq On : 02 May 2018 17:49
 Operator : JU/SJ
 Sample : J2527-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 03 07:38:40 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 03 07:35:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	109790	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	454214	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	219980	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	425556	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	403982	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	425432	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	416767	19.73	ng/ul	0.00
10) Fluorene-d10	15.25	176	281429	19.96	ng/ul	0.00
14) Anthracene-d10	17.10	188	397141	20.41	ng/ul	0.00
18) Pyrene-d10	19.41	212	410266	19.82	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	443091	22.05	ng/ul	0.00

Target Compounds

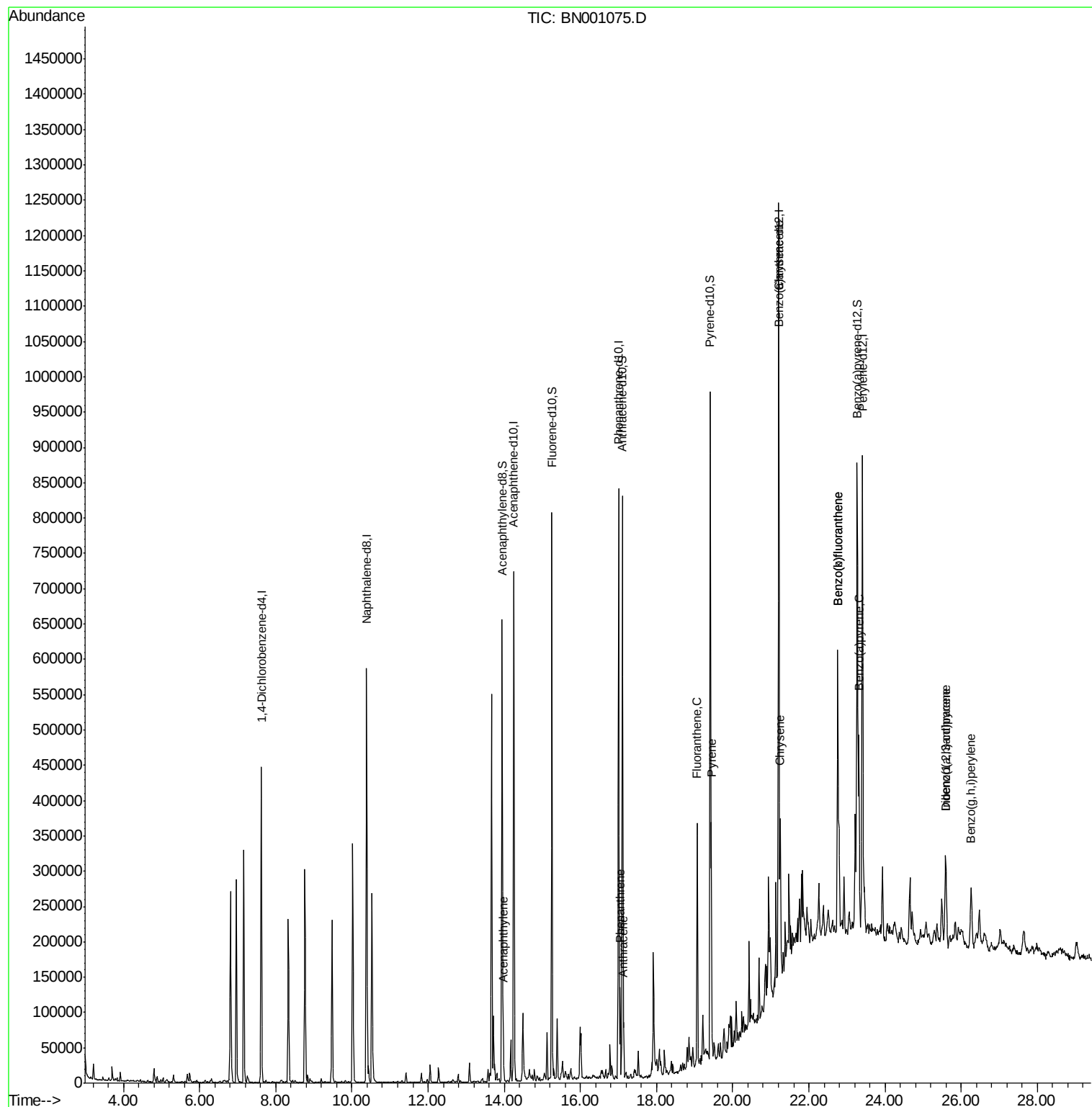
					Ovalue	
8) Acenaphthylene	13.97	152	37557	1.796	ng/ul	96
13) Phenanthrene	17.05	178	67196	2.895	ng/ul	98
15) Anthracene	17.14	178	45945	1.974	ng/ul	96
16) Fluoranthene	19.07	202	184200	7.822	ng/ul#	93
19) Pyrene	19.44	202	164328	6.333	ng/ul#	91
20) Benzo(a)anthracene	21.20	228	132072	5.469	ng/ul	95
21) Chrysene	21.25	228	124097	5.467	ng/ul	97
23) Benzo(b)fluoranthene	22.76	252	300511	12.429	ng/ul#	96
24) Benzo(k)fluoranthene	22.76	252	305325	12.906	ng/ul#	96
26) Benzo(a)pyrene	23.32	252	127750	5.529	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.59	276	98536	3.531	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.60	278	30432	1.308	ng/ul#	86
29) Benzo(a,h,i)perylene	26.26	276	87541	3.750	ng/ul#	91

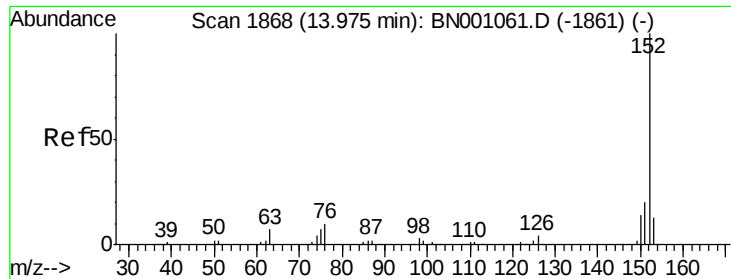
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 03 07:35:09 2018
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#8

Acenaphthylene

Concen: 1.796 ng/ul

RT: 13.97 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BN001075.D

Acq: 02 May 2018 17:49

Instrument :

BNA_N

ClientSampleId :

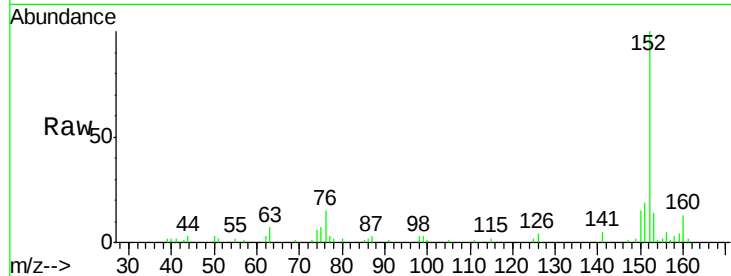
Tot Ion:152 Resp: 37557

Ion Ratio Lower Upper

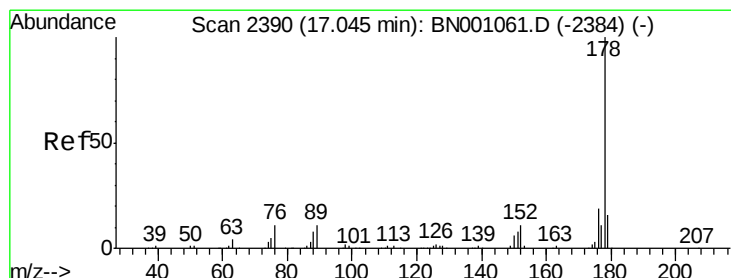
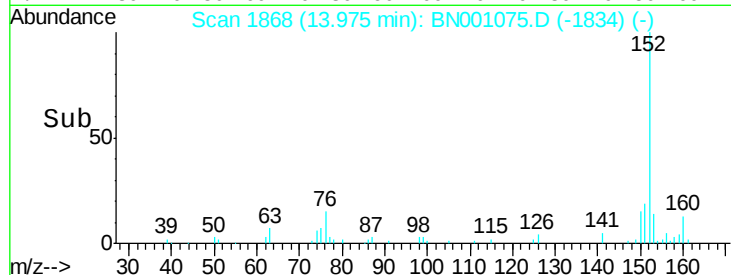
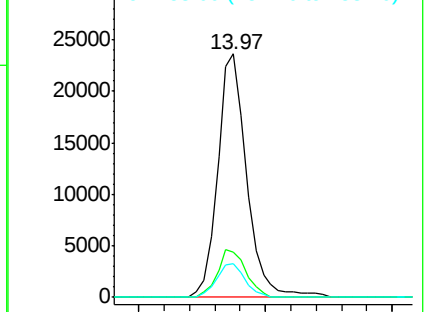
152 100

151 18.8 16.7 25.1

153 13.8 10.2 15.4



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



#13

Phenanthrene

Concen: 2.895 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BN001075.D

Acq: 02 May 2018 17:49

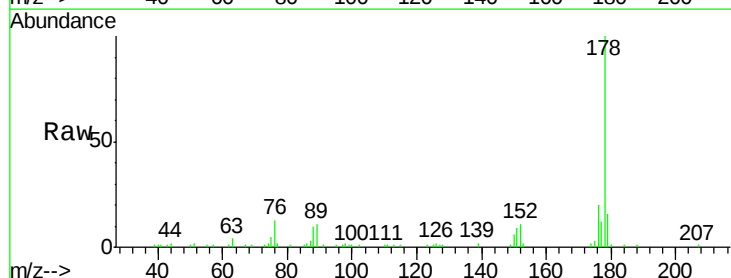
Tgt Ion:178 Resp: 67196

Ion Ratio Lower Upper

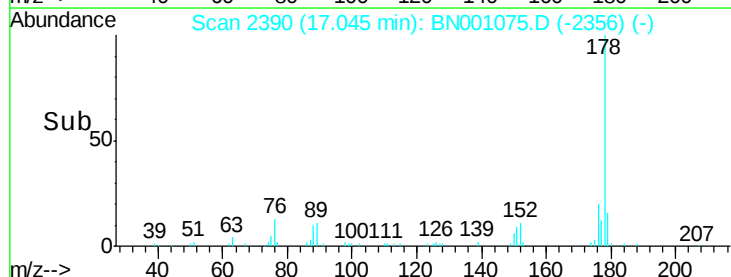
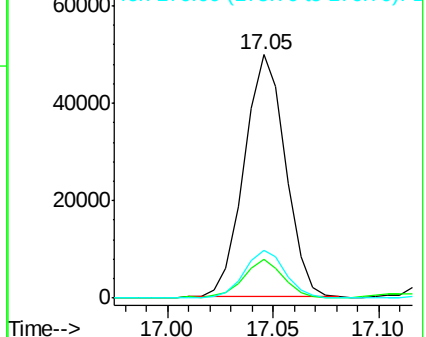
178 100

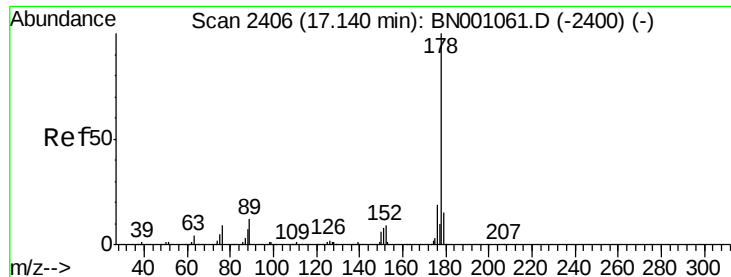
179 16.1 12.3 18.5

176 19.8 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

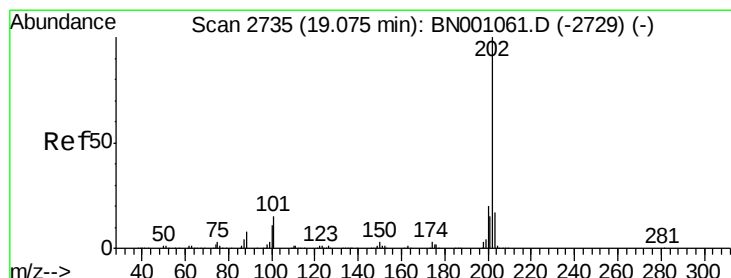
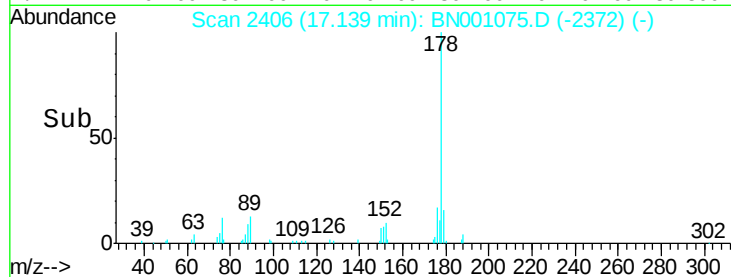
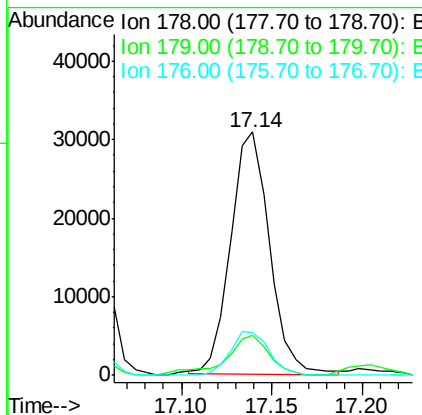
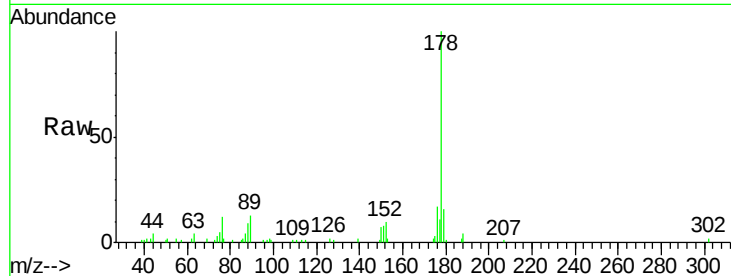




#15
 Anthracene
 Concen: 1.974 ng/ul
 RT: 17.14 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BN001075.D
 Acq: 02 May 2018 17:49

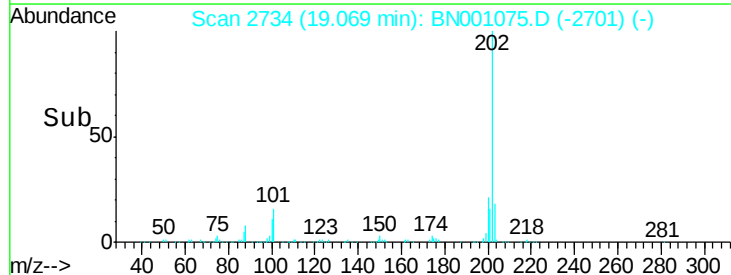
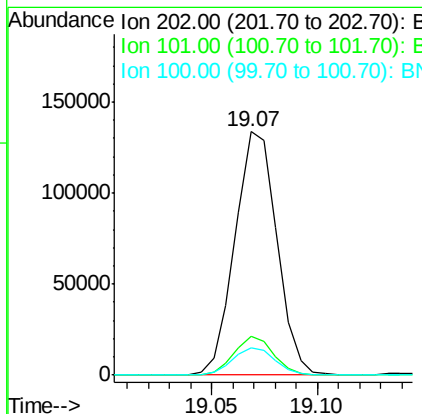
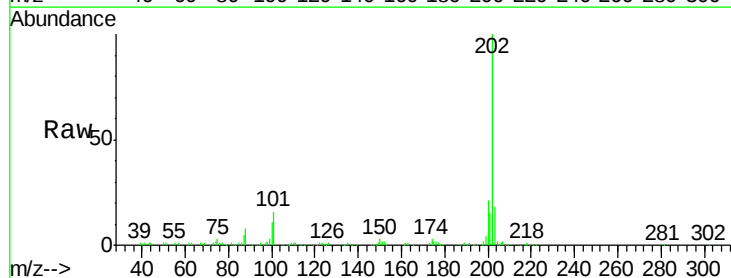
Instrument :
 BNA_N
 ClientSampled :

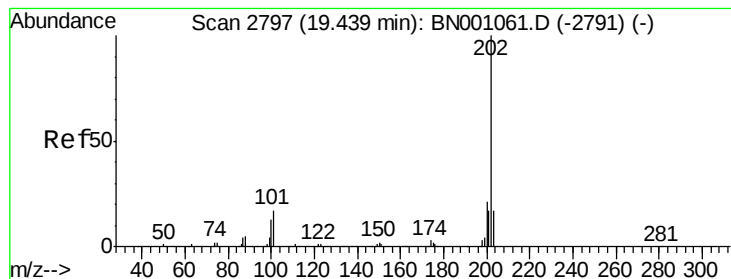
Tot Ion:178 Resp: 45945
 Ion Ratio Lower Upper
 178 100
 179 16.4 11.8 17.8
 176 17.3 15.2 22.8



#16
 Fluoranthene
 Concen: 7.822 ng/ul
 RT: 19.07 min Scan# 2734
 Delta R.T. -0.01 min
 Lab File: BN001075.D
 Acq: 02 May 2018 17:49

Tgt Ion:202 Resp: 184200
 Ion Ratio Lower Upper
 202 100
 101 15.9 9.9 14.9#
 100 11.2 7.4 11.0#





#19

Pvrene

Concen: 6.333 ng/ul

RT: 19.44 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BN001075.D

Acq: 02 May 2018 17:49

Instrument :

BNA_N

ClientSampleId :

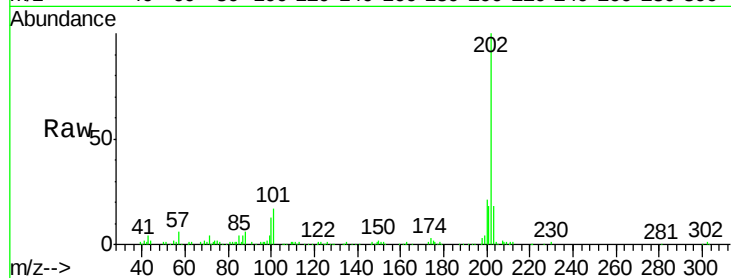
Tot Ion:202 Resp: 164328

Ion Ratio Lower Upper

202 100

101 17.0 11.0 16.4#

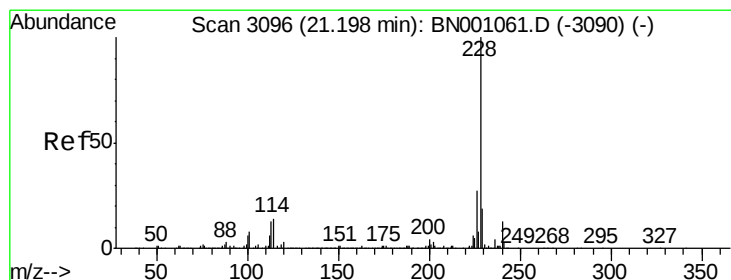
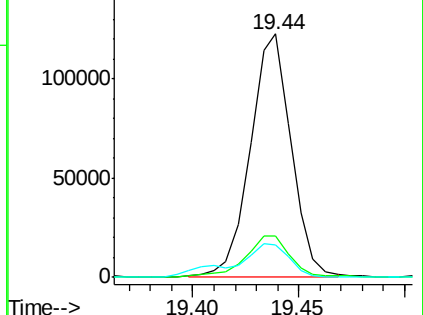
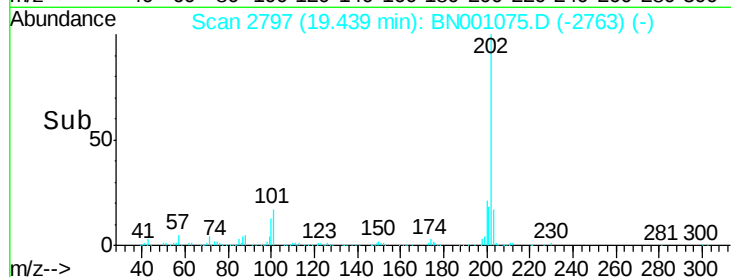
100 13.5 8.1 12.1#



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: 5.469 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BN001075.D

Acq: 02 May 2018 17:49

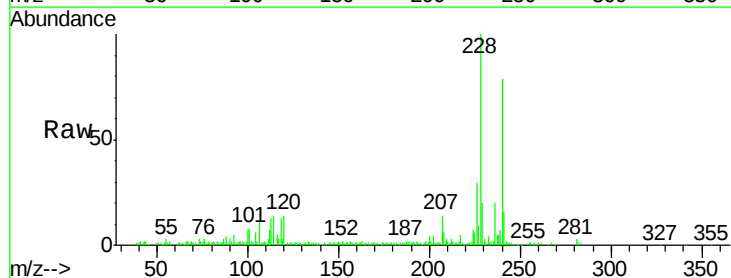
Tgt Ion:228 Resp: 132072

Ion Ratio Lower Upper

228 100

229 20.4 15.7 23.5

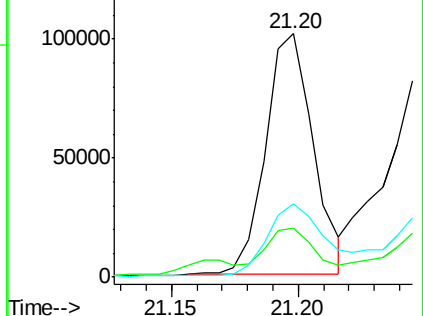
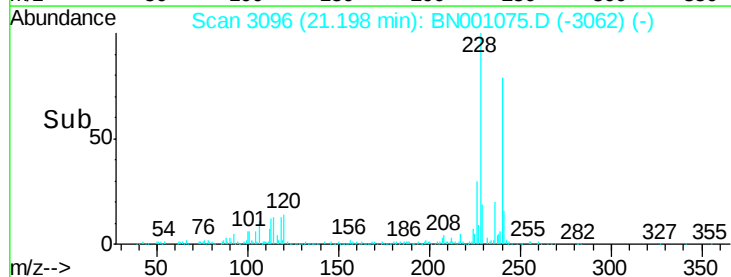
226 30.4 21.1 31.7

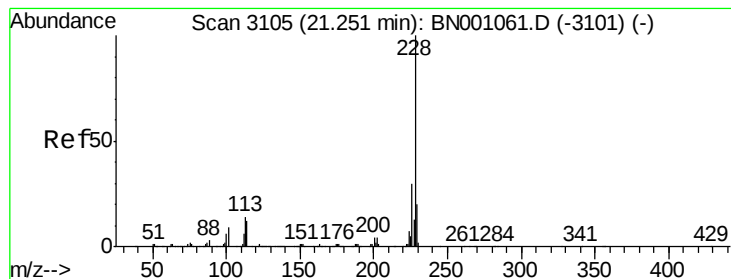


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 5.467 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BN001075.D

Acq: 02 May 2018 17:49

Instrument :

BNA_N

ClientSampleId :

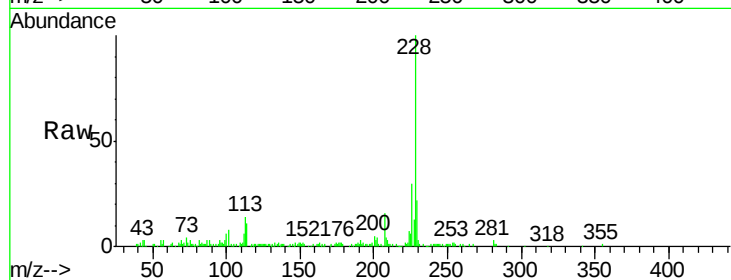
Tot Ion:228 Resp: 124097

Ion Ratio Lower Upper

228 100

226 29.8 24.5 36.7

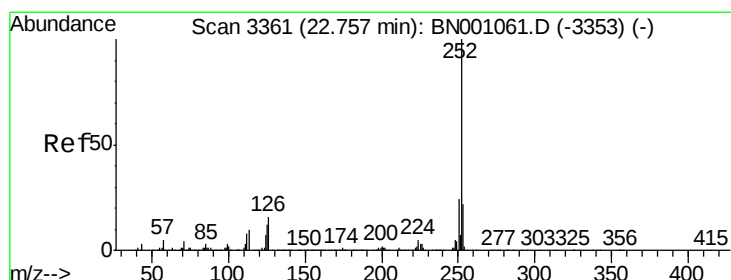
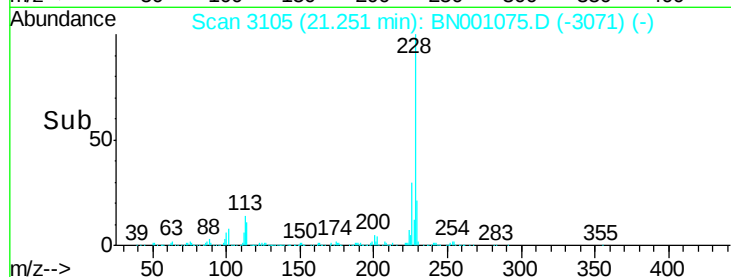
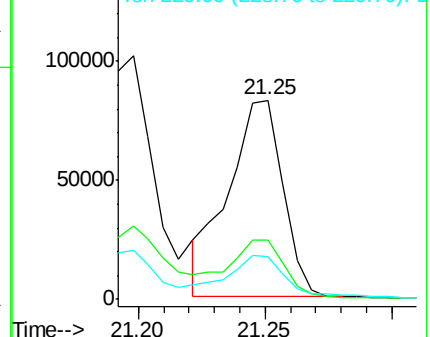
229 21.7 15.8 23.8



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: 12.429 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.00 min

Lab File: BN001075.D

Acq: 02 May 2018 17:49

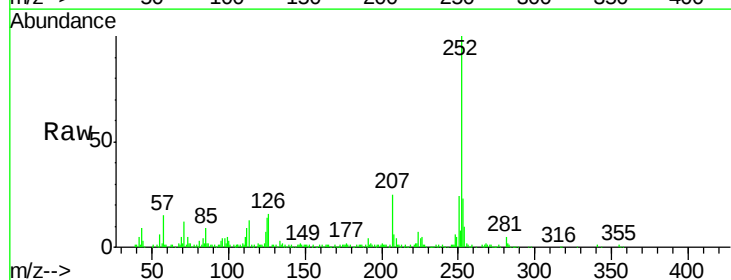
Tgt Ion:252 Resp: 300511

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

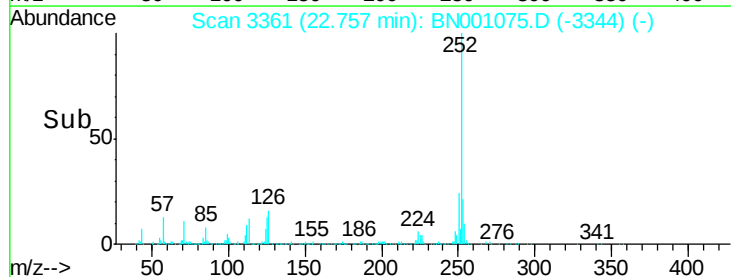
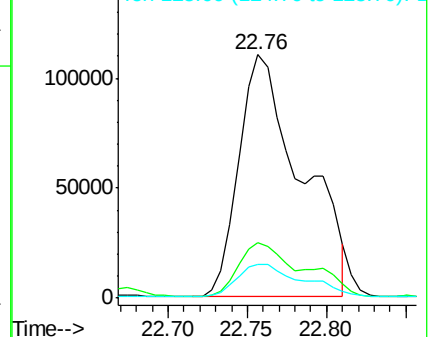
125 14.0 8.0 12.0#

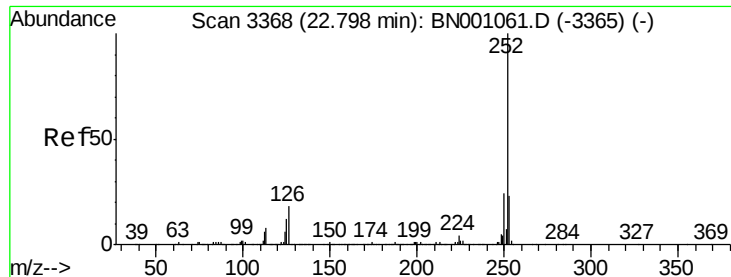


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 12.906 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.04 min

Lab File: BN001075.D

Acq: 02 May 2018 17:49

Instrument :

BNA_N

ClientSampled :

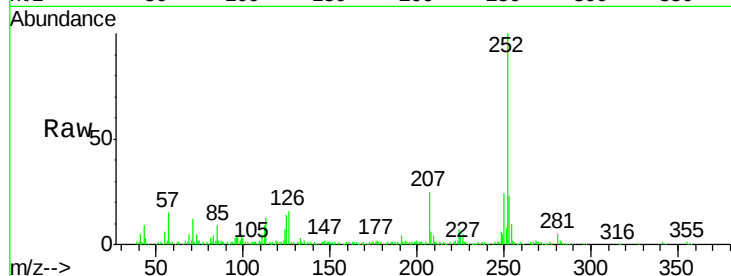
Tot Ion:252 Resp: 305325

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

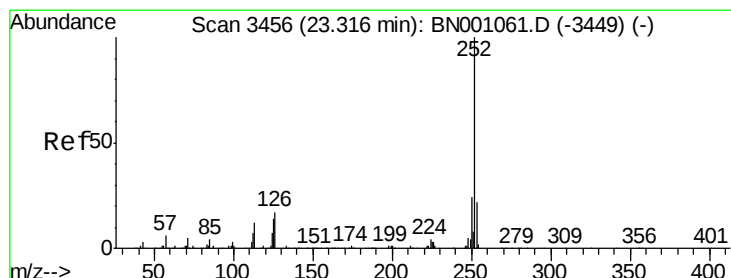
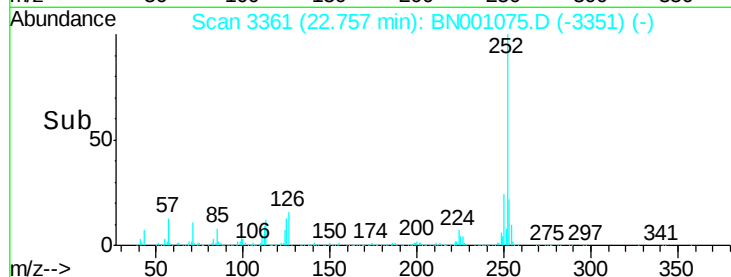
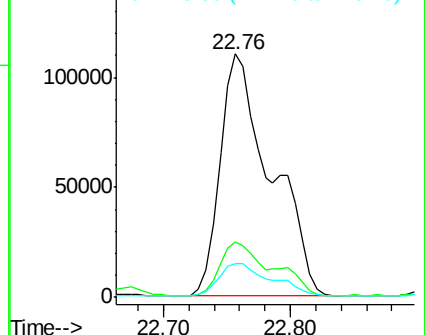
125 14.0 8.1 12.1#



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: 5.529 ng/ul

RT: 23.32 min Scan# 3456

Delta R.T. -0.00 min

Lab File: BN001075.D

Acq: 02 May 2018 17:49

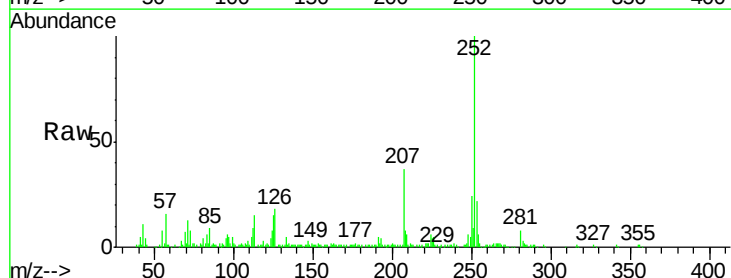
Tgt Ion:252 Resp: 127750

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

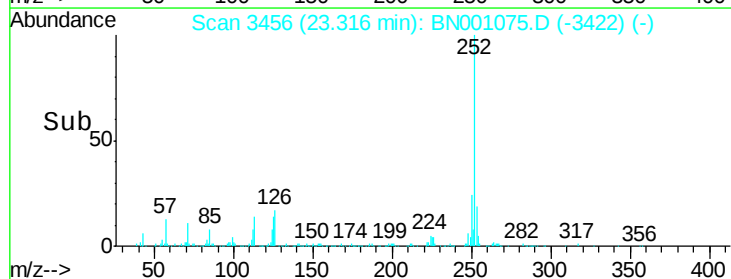
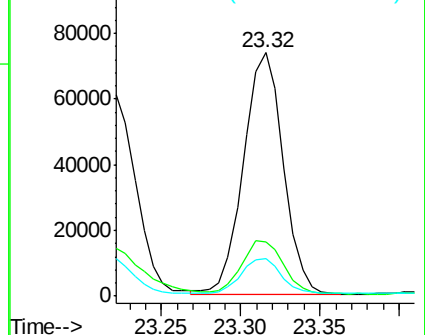
125 15.3 8.2 12.4#

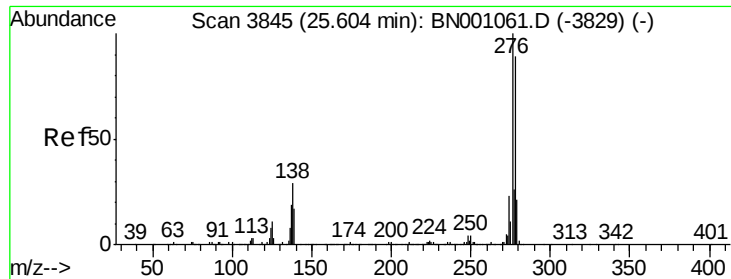


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

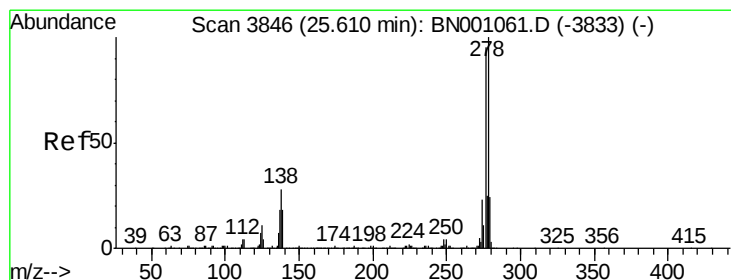
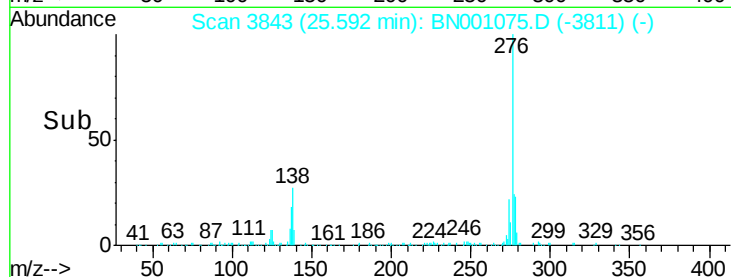
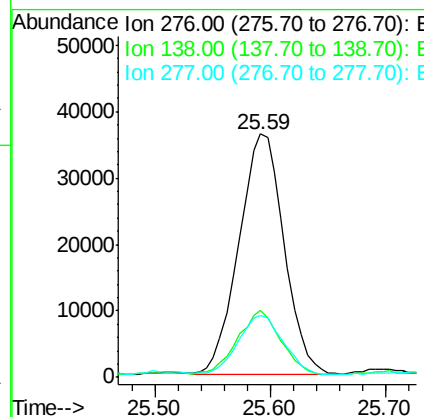
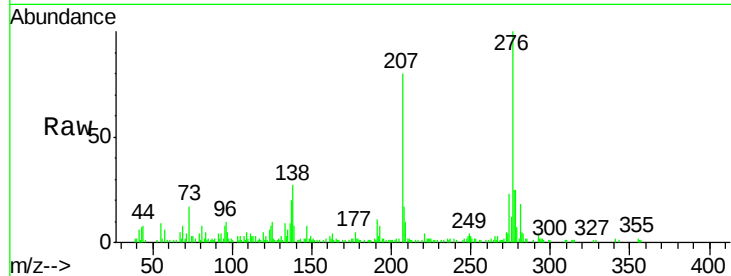




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.531 ng/ul
 RT: 25.59 min Scan# 3843
 Delta R.T. -0.01 min
 Lab File: BN001075.D
 Acq: 02 May 2018 17:49

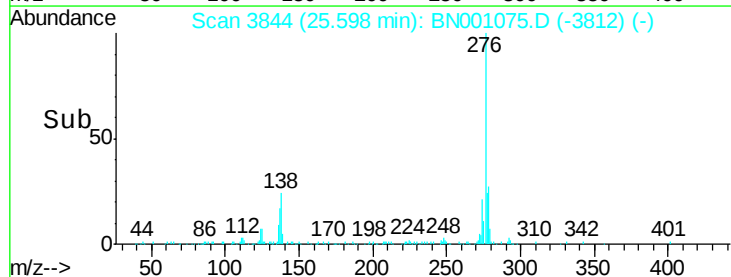
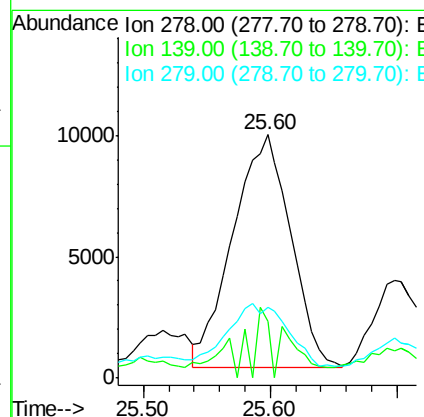
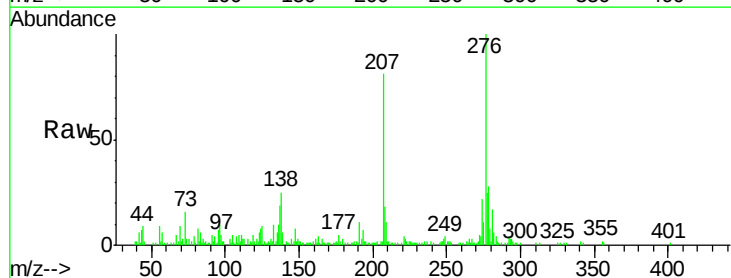
Instrument :
 BNA_N
 ClientSampled :

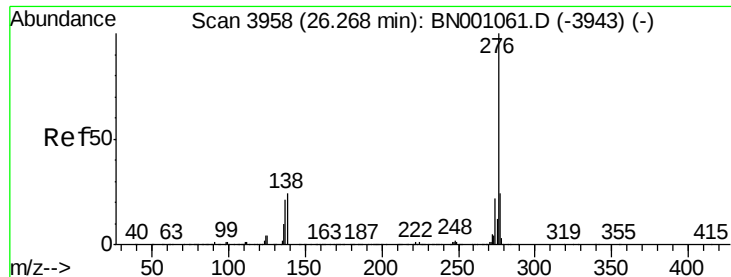
Tot Ion:276 Resp: 98536
 Ion Ratio Lower Upper
 276 100
 138 27.3 14.4 21.6#
 277 25.3 18.0 27.0



#28
 Dibenzo(a,h)anthracene
 Concen: 1.308 ng/ul
 RT: 25.60 min Scan# 3844
 Delta R.T. -0.01 min
 Lab File: BN001075.D
 Acq: 02 May 2018 17:49

Tgt Ion:278 Resp: 30432
 Ion Ratio Lower Upper
 278 100
 139 23.2 12.2 18.4#
 279 29.1 19.2 28.8#





#29

Benzo(a,h,i)perylene

Concen: 3.750 ng/ul

RT: 26.26 min Scan# 3957

Delta R.T. -0.01 min

Lab File: BN001075.D

Acq: 02 May 2018 17:49

Instrument :

BNA_N

ClientSampleId :

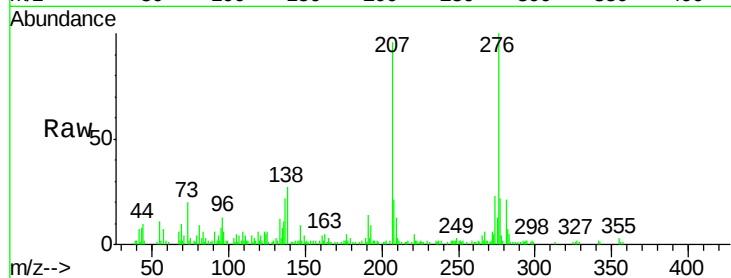
Tot Ion: 276 Resp: 87541

Ion Ratio Lower Upper

276 100

138 26.8 15.3 22.9#

277 22.5 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

