

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
 Data File : BN001093.D
 Acq On : 03 May 2018 04:19
 Operator : JU/SJ
 Sample : J2601-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 03 08:28:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 03 08:25:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	137287	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	587463	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	284948	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	507857	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	424870	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	461516	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	13.95	160	837259	30.59	ng/ul	0.00
10) Fluorene-d10	15.26	176	566175	31.00	ng/ul	0.00
14) Anthracene-d10	17.10	188	758303	32.65	ng/ul	0.00
18) Pyrene-d10	19.41	212	718133	32.99	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.29	264	767145	35.19	ng/ul	0.02

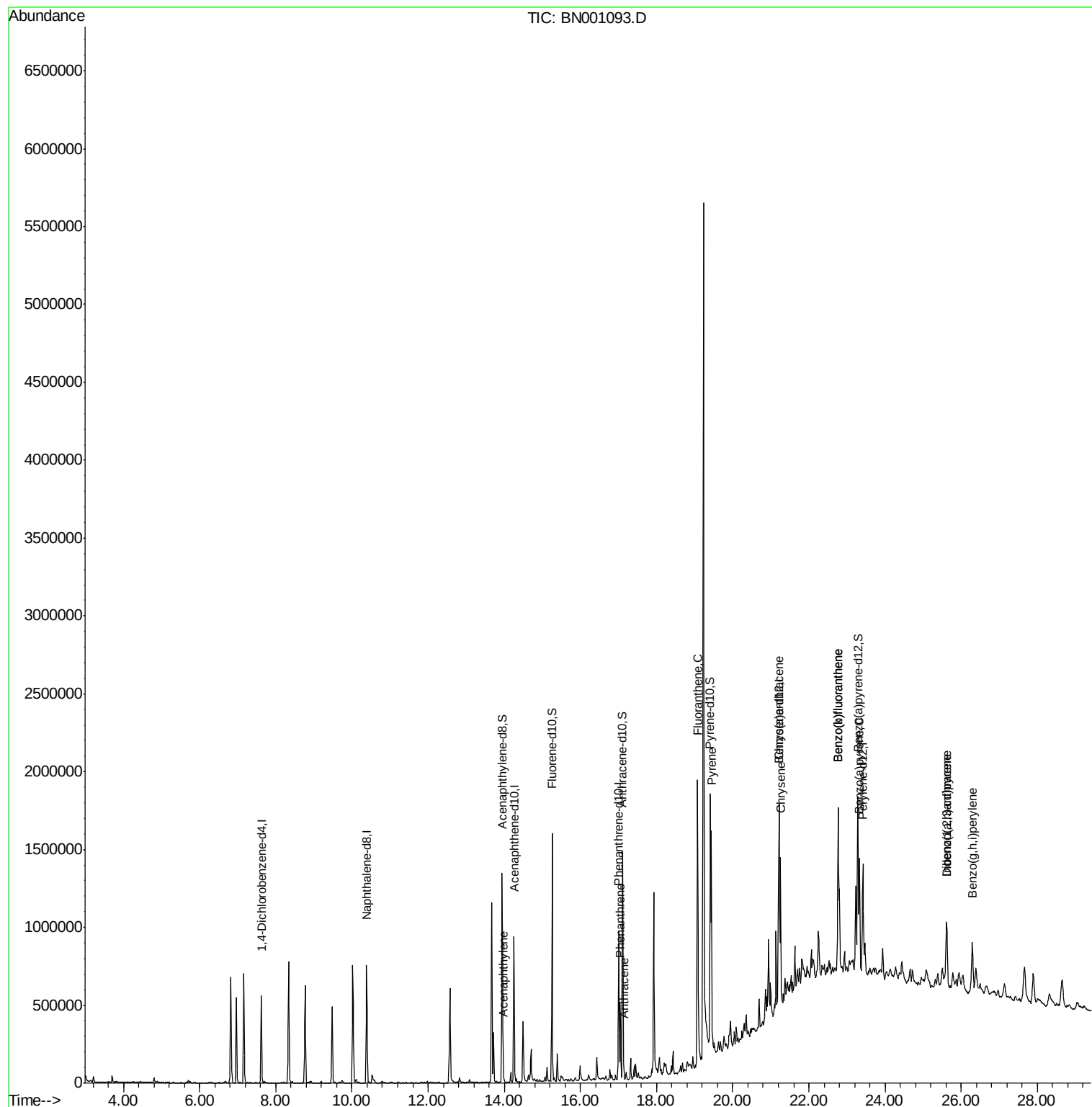
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Acenaphthylene	13.97	152	31177	1.151	ng/ul	98
13) Phenanthrene	17.05	178	275012	9.929	ng/ul	100
15) Anthracene	17.14	178	56885	2.047	ng/ul	98
16) Fluoranthene	19.07	202	931750	33.155	ng/ul#	93
19) Pyrene	19.44	202	770000	28.215	ng/ul#	88
20) Benzo(a)anthracene	21.20	228	369920	14.565	ng/ul	95
21) Chrysene	21.25	228	523465	21.929	ng/ul	98
23) Benzo(b)fluoranthene	22.77	252	800161	30.508	ng/ul#	96
24) Benzo(k)fluoranthene	22.77	252	990697	38.601	ng/ul#	96
26) Benzo(a)pyrene	23.33	252	430481	17.174	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.62	276	395513	13.064	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.62	278	92475	3.665	ng/ul#	80
29) Benzo(a,h,i)perylene	26.29	276	355040	14.021	ng/ul#	92

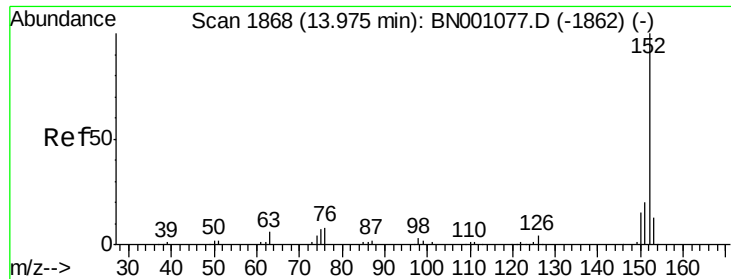
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthylene

Concen: 1.151 ng/ul

RT: 13.97 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BN001093.D

Acq: 03 May 2018 04:19

Instrument :

BNA_N

ClientSampled :

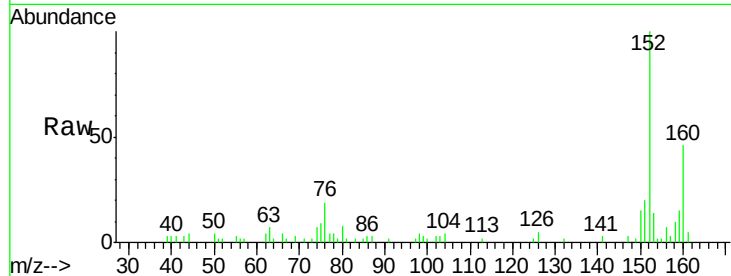
Tot Ion:152 Resp: 31177

Ion Ratio Lower Upper

152 100

151 20.1 16.7 25.1

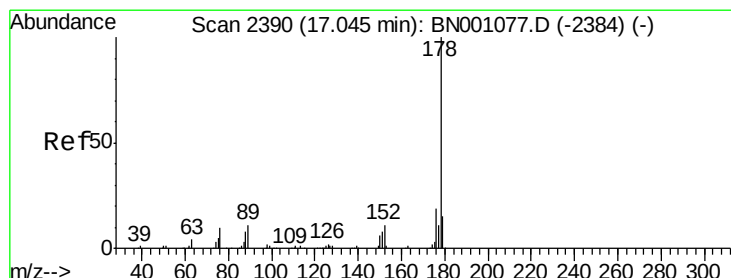
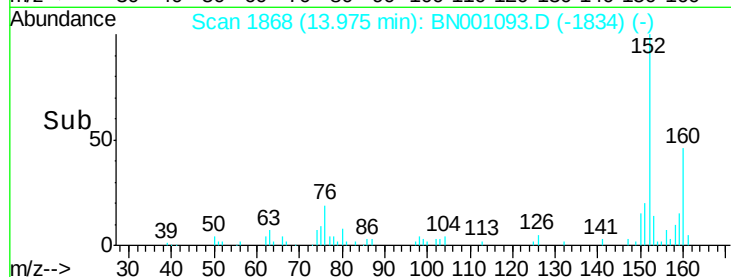
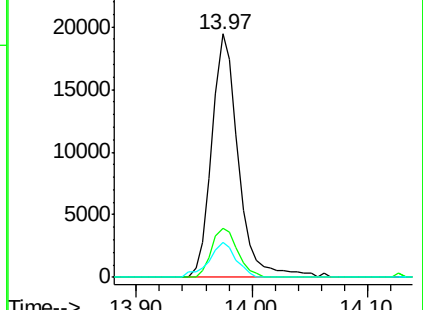
153 14.2 10.2 15.4



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: 9.929 ng/ul

RT: 17.05 min Scan# 2391

Delta R.T. 0.01 min

Lab File: BN001093.D

Acq: 03 May 2018 04:19

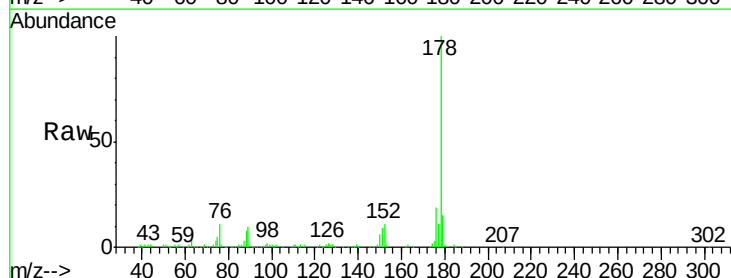
Tgt Ion:178 Resp: 275012

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

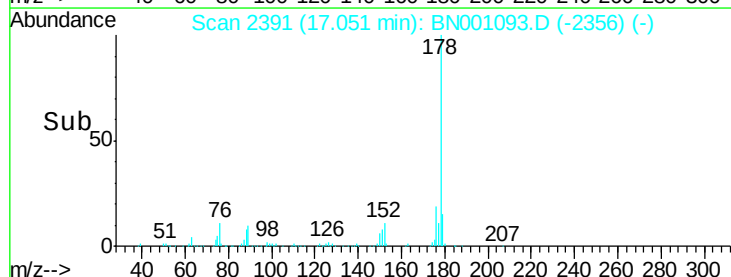
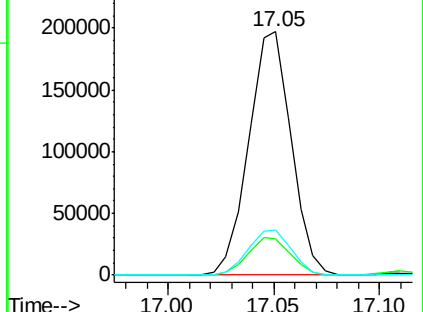
176 18.8 15.1 22.7

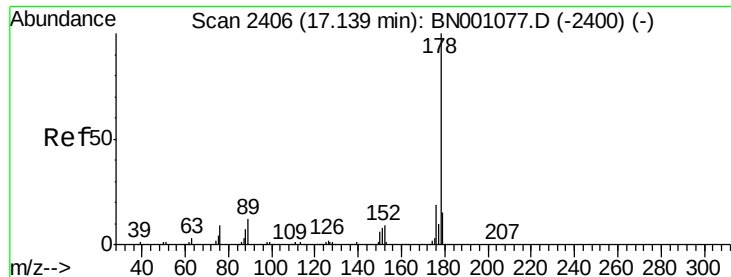


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Anthracene

Concen: 2.047 ng/ul

RT: 17.14 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BN001093.D

Acq: 03 May 2018 04:19

Instrument :

BNA_N

ClientSampled :

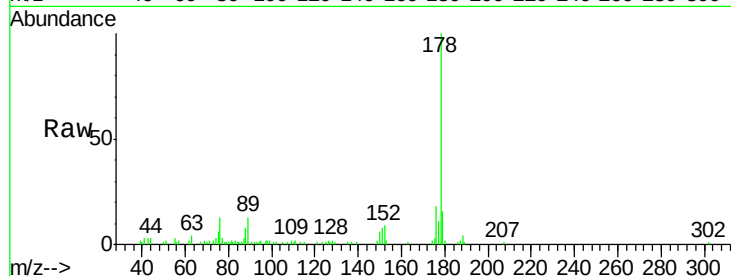
Tot Ion:178 Resp: 56885

Ion Ratio Lower Upper

178 100

179 16.0 11.8 17.8

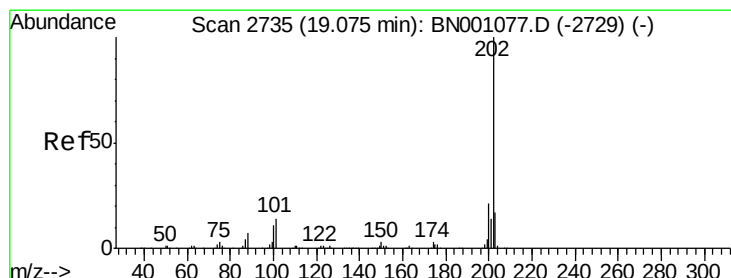
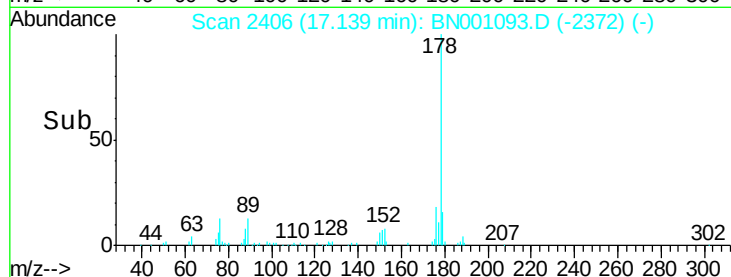
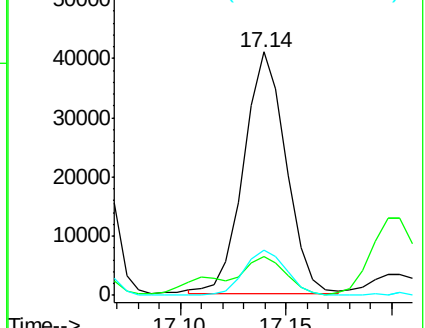
176 18.3 15.2 22.8



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: 33.155 ng/ul

RT: 19.07 min Scan# 2735

Delta R.T. -0.00 min

Lab File: BN001093.D

Acq: 03 May 2018 04:19

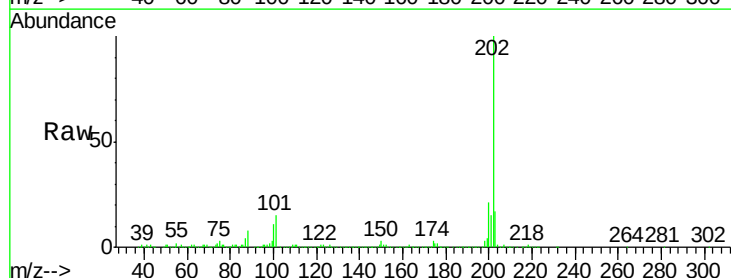
Tgt Ion:202 Resp: 931750

Ion Ratio Lower Upper

202 100

101 15.4 9.9 14.9#

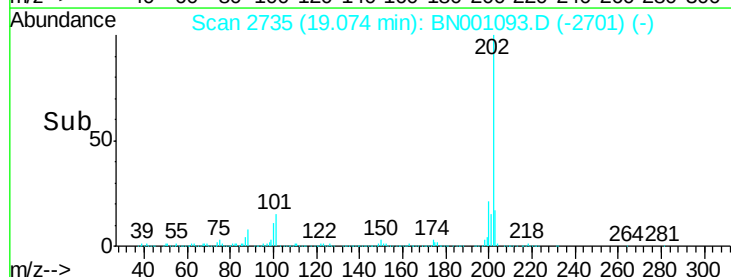
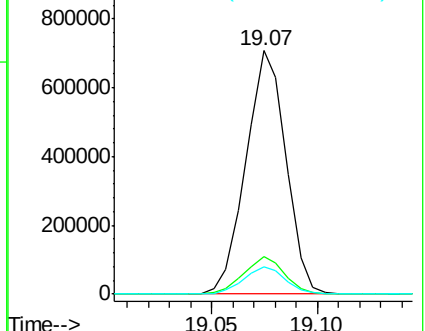
100 11.5 7.4 11.0#

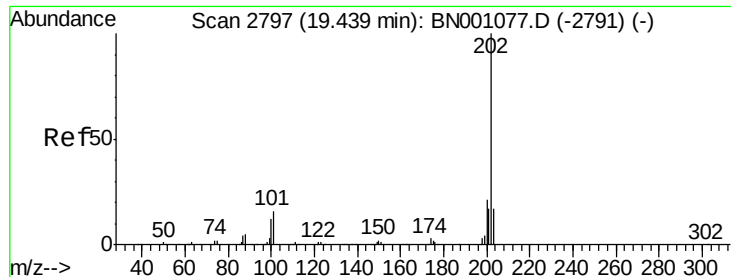


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 28.215 ng/ul

RT: 19.44 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BN001093.D

Acq: 03 May 2018 04:19

Instrument :

BNA_N

ClientSampleId :

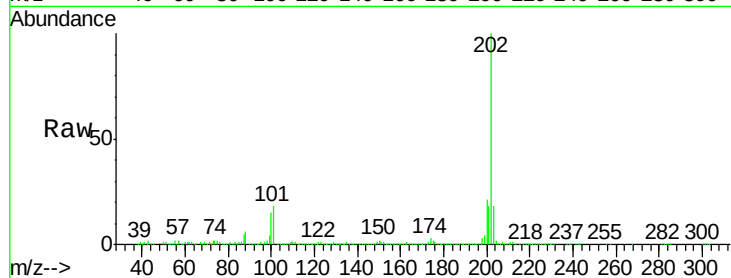
Tot Ion:202 Resp: 770000

Ion Ratio Lower Upper

202 100

101 18.5 11.0 16.4#

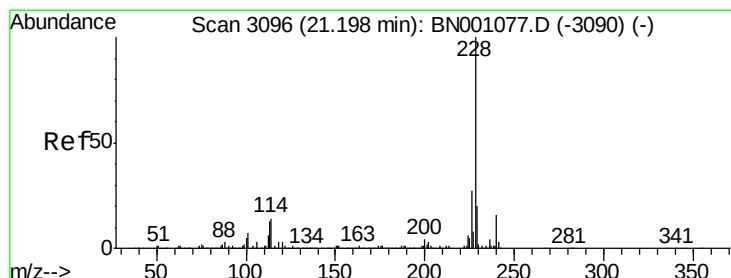
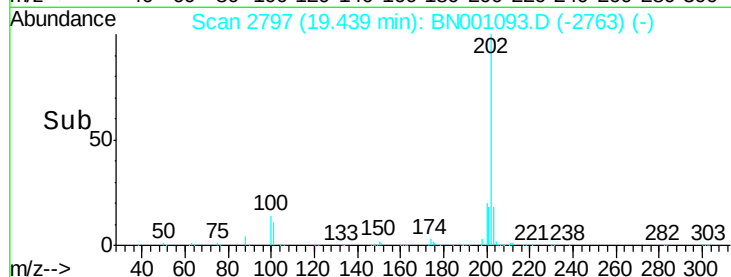
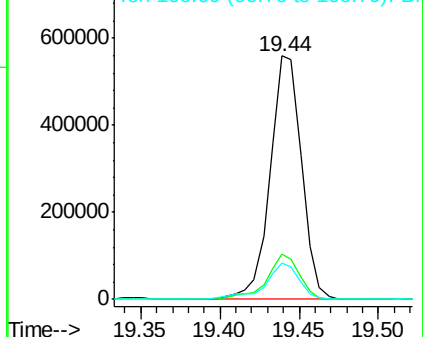
100 14.8 8.1 12.1#



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: 14.565 ng/ul

RT: 21.20 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BN001093.D

Acq: 03 May 2018 04:19

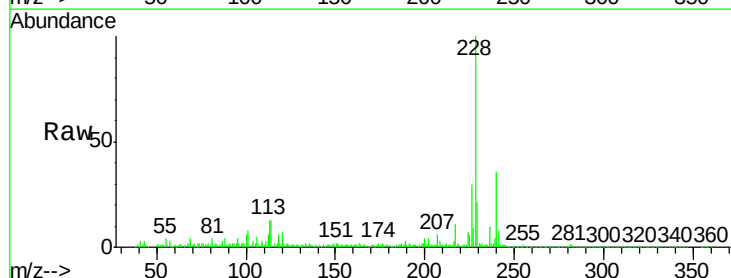
Tgt Ion:228 Resp: 369920

Ion Ratio Lower Upper

228 100

229 20.7 15.7 23.5

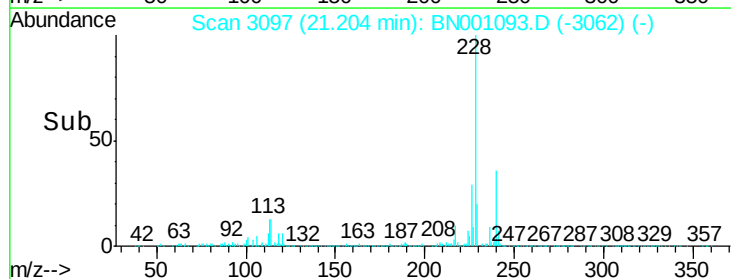
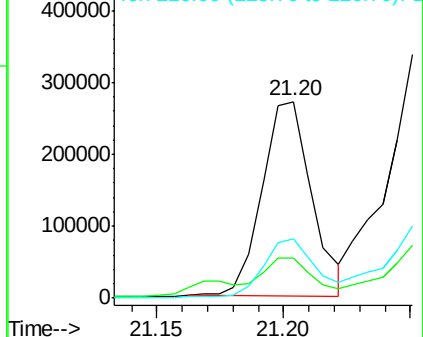
226 29.8 21.1 31.7

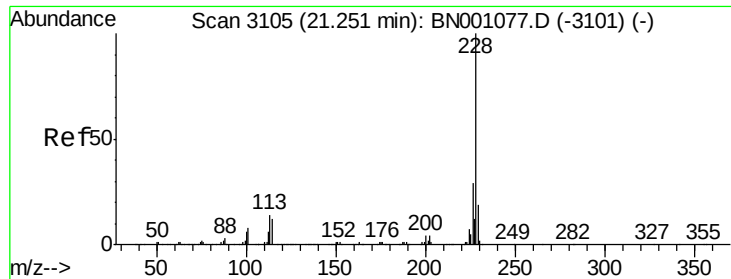


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 21.929 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BN001093.D

Acq: 03 May 2018 04:19

Instrument :

BNA_N

ClientSampled :

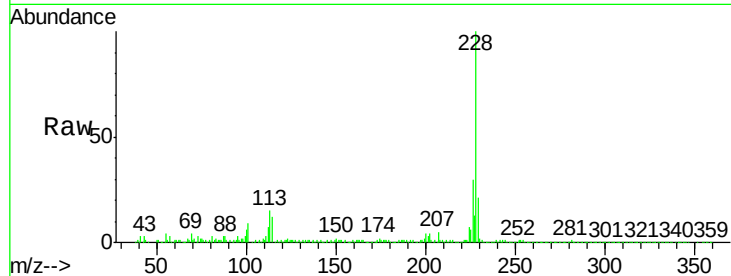
Tot Ion:228 Resp: 523465

Ion Ratio Lower Upper

228 100

226 29.8 24.5 36.7

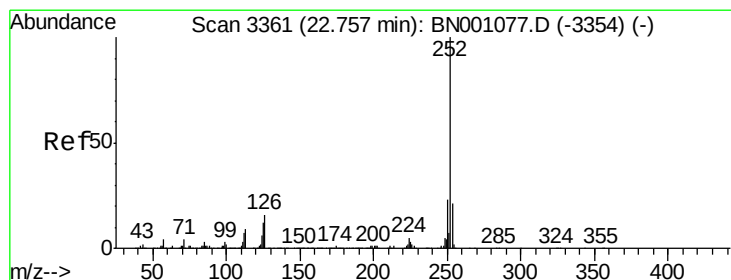
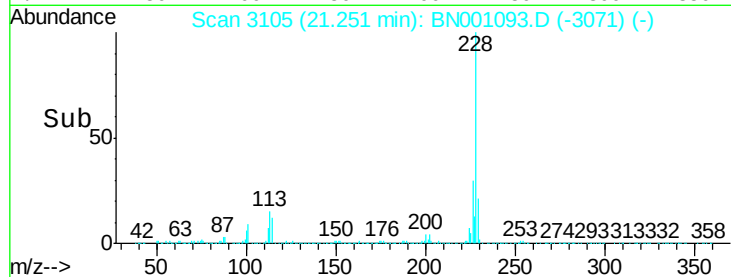
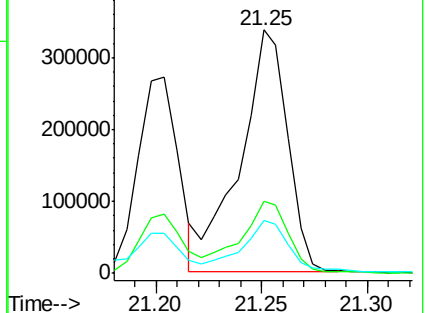
229 21.5 15.8 23.8



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: 30.508 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. 0.01 min

Lab File: BN001093.D

Acq: 03 May 2018 04:19

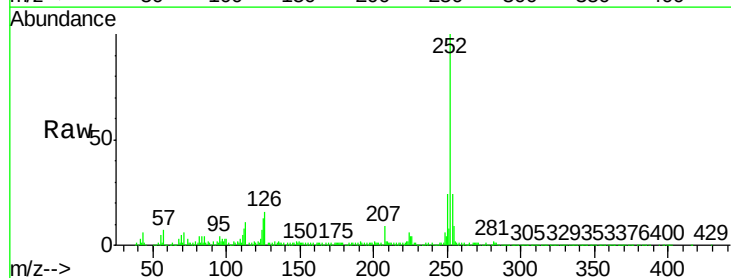
Tgt Ion:252 Resp: 800161

Ion Ratio Lower Upper

252 100

253 23.6 18.0 27.0

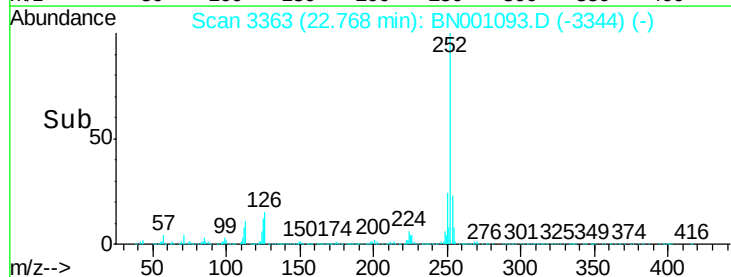
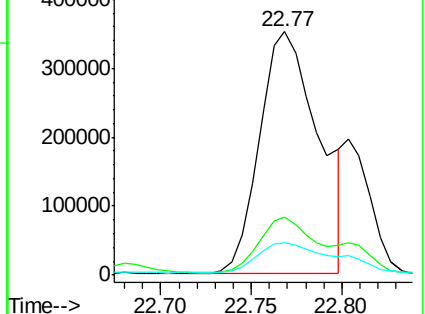
125 13.1 8.0 12.0#

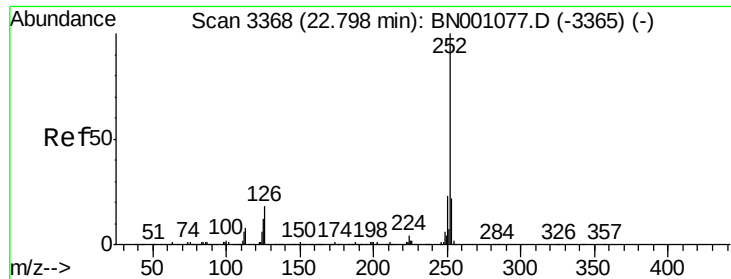


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 38.601 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. -0.03 min

Lab File: BN001093.D

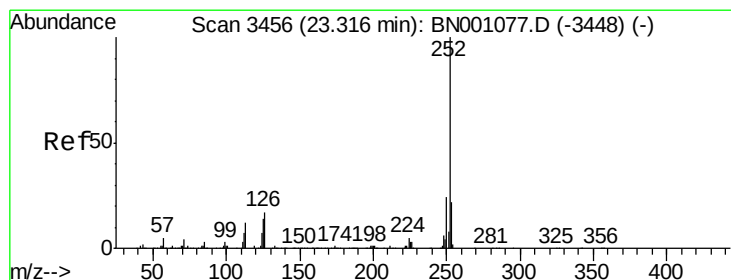
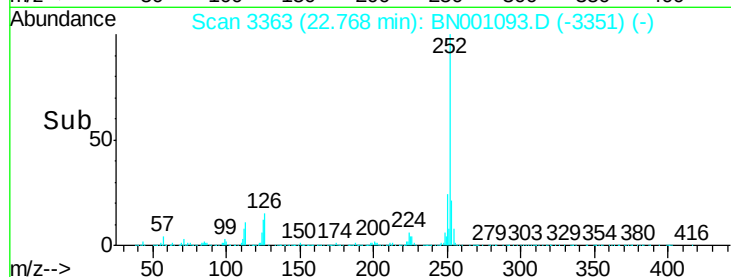
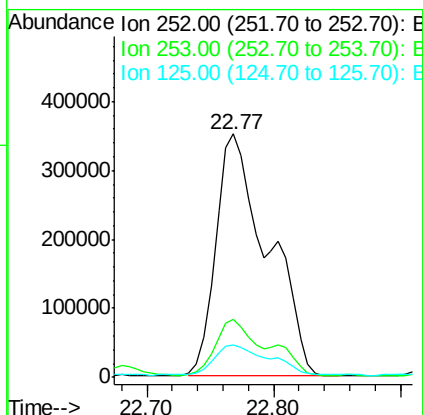
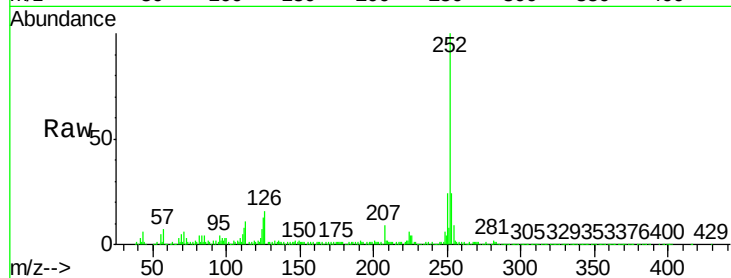
Acq: 03 May 2018 04:19

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	252	Resp:	990697
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.0	27.0
125	13.1	8.1	12.1#



#26

Benzo(a)pyrene

Concen: 17.174 ng/ul

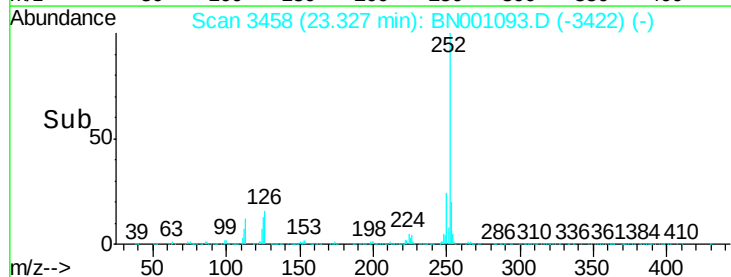
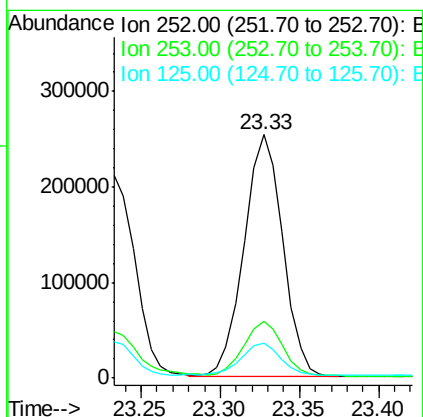
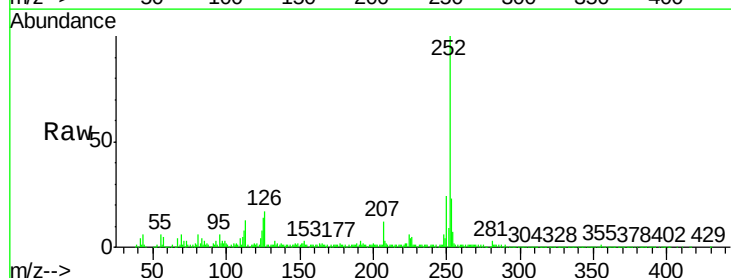
RT: 23.33 min Scan# 3458

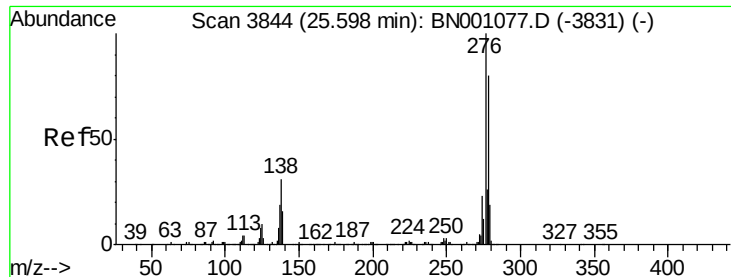
Delta R.T. 0.01 min

Lab File: BN001093.D

Acq: 03 May 2018 04:19

Tgt Ion:	252	Resp:	430481
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.2	25.8
125	14.3	8.2	12.4#



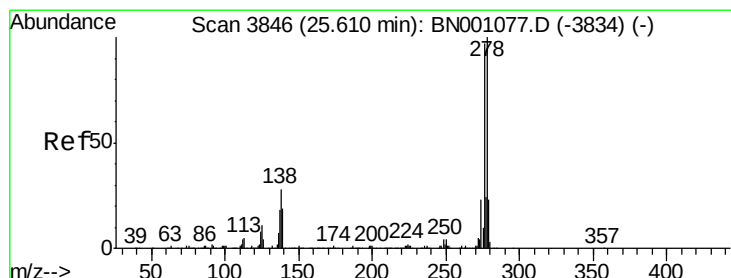
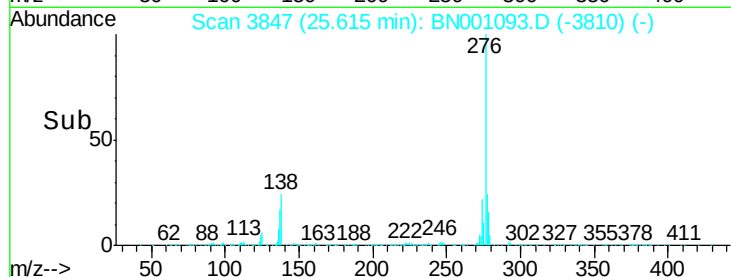
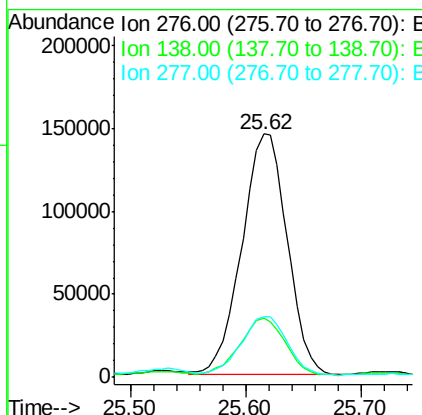
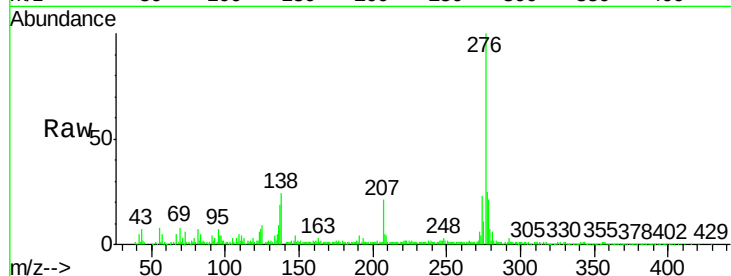


#27

Indeno(1,2,3-cd)pyrene
Concen: 13.064 ng/ul
RT: 25.62 min Scan# 3847
Delta R.T. 0.02 min
Lab File: BN001093.D
Acq: 03 May 2018 04:19

Instrument :
BNA_N
ClientSampleId :

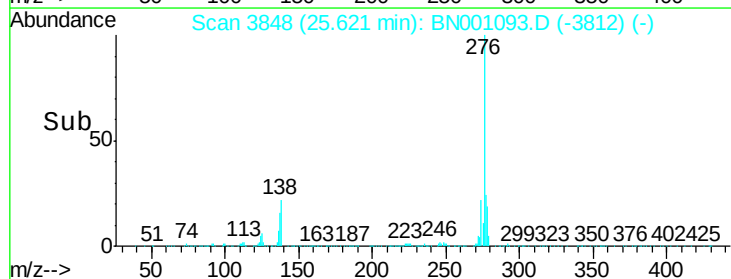
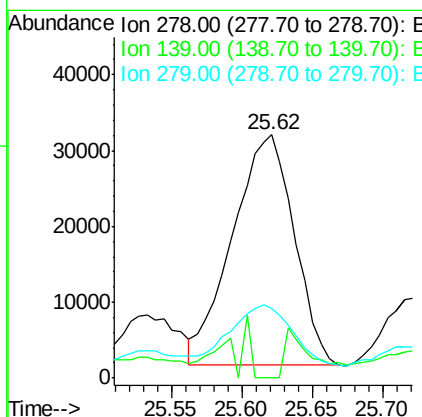
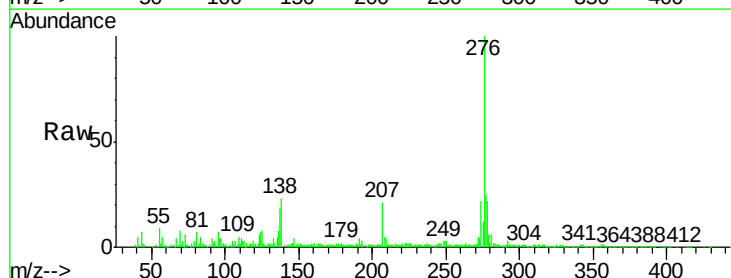
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	14.4	21.6#
277	24.7	18.0	27.0

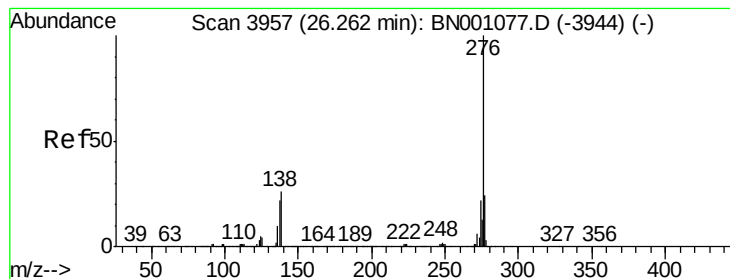


#28

Dibenzo(a,h)anthracene
Concen: 3.665 ng/ul
RT: 25.62 min Scan# 3848
Delta R.T. 0.01 min
Lab File: BN001093.D
Acq: 03 May 2018 04:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	28.8	19.2	28.8#





#29

Benzo(a,h,i)perylene

Concen: 14.021 ng/ul

RT: 26.29 min Scan# 3962

Delta R.T. 0.03 min

Lab File: BN001093.D

Acq: 03 May 2018 04:19

Instrument :

BNA_N

ClientSampleId :

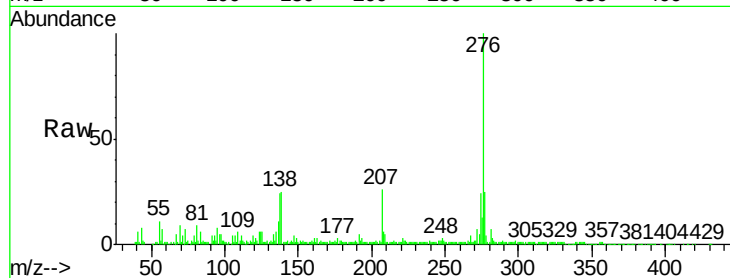
Tot Ion:276 Resp: 355040

Ion Ratio Lower Upper

276 100

138 25.3 15.3 22.9#

277 25.2 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

