

Data Path : Z:\HPCHEM1\BNA N\DATA\BN043018\
 Data File : BN001019.D
 Acq On : 01 May 2018 06:18
 Operator : JU/SJ
 Sample : J2599-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 01 07:32:12 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 01 01:47:00 2018
 Response via : Initial Calibration

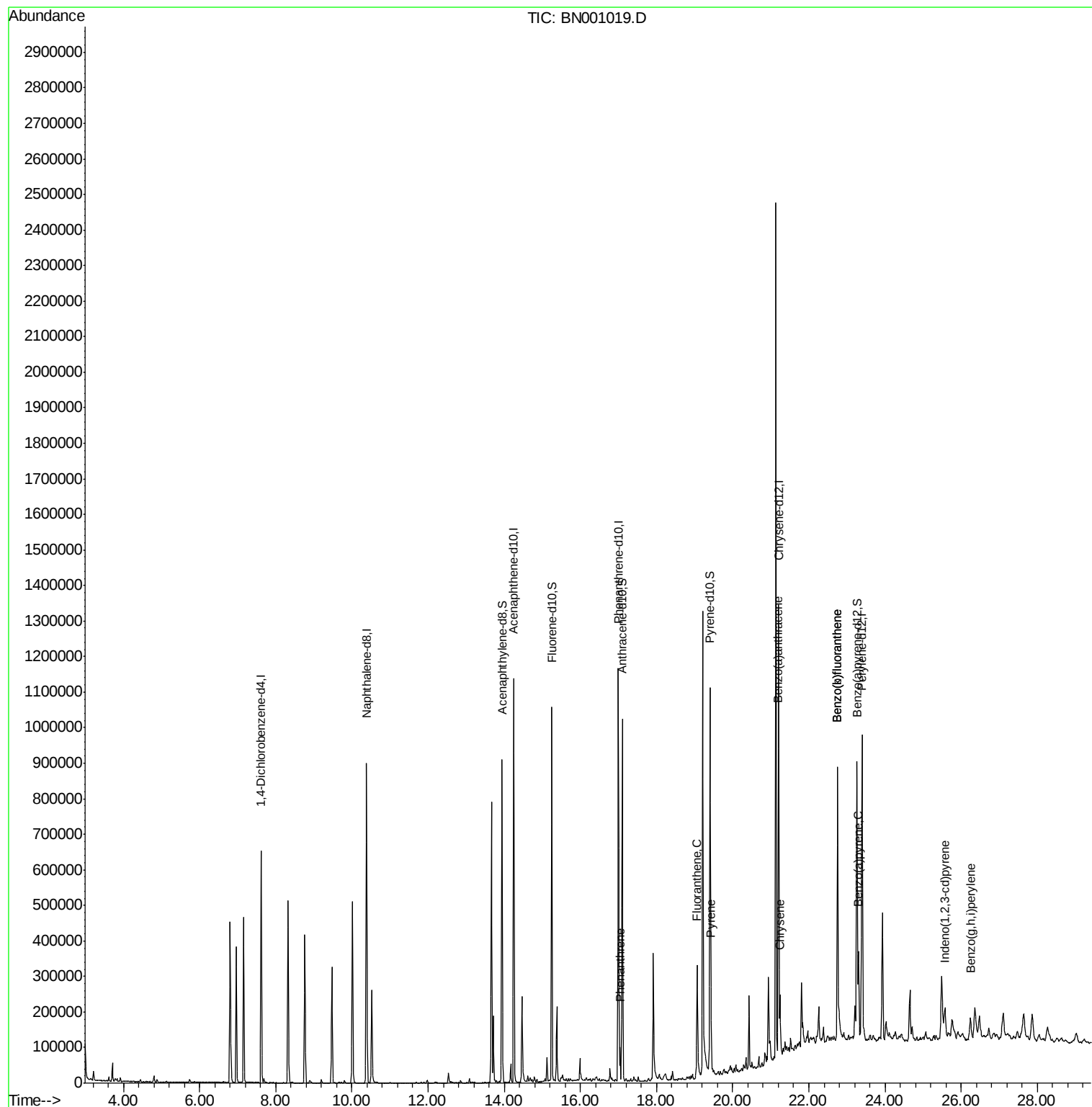
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	164127	20.00	ng/ul	0.00
2) Naphthalene-d8	10.38	136	706118	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	344427	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	623328	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	504003	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	543172	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	572216	17.30	ng/ul	0.00
10) Fluorene-d10	15.25	176	391037	17.71	ng/ul	0.00
14) Anthracene-d10	17.10	188	503830	17.68	ng/ul	0.00
18) Pyrene-d10	19.40	212	491016	19.01	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	513191	20.00	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	50453	1.484	ng/ul	98
16) Fluoranthene	19.07	202	160395	4.650	ng/ul#	94
19) Pyrene	19.43	202	132379	4.089	ng/ul#	93
20) Benzo(a)anthracene	21.19	228	55821	1.853	ng/ul	96
21) Chrysene	21.24	228	76344	2.696	ng/ul	97
23) Benzo(b)fluoranthene	22.75	252	128959	4.178	ng/ul#	92
24) Benzo(k)fluoranthene	22.75	252	155294	5.141	ng/ul#	92
26) Benzo(a)pyrene	23.30	252	66646	2.259	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.57	276	60927	1.710	ng/ul#	88
29) Benzo(g,h,i)perylene	26.24	276	60823	2.041	ng/ul#	91

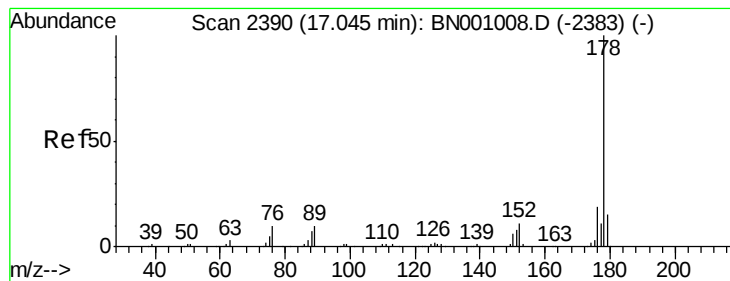
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.484 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BN001019.D

Acq: 01 May 2018 06:18

Instrument :

BNA_N

ClientSampleId :

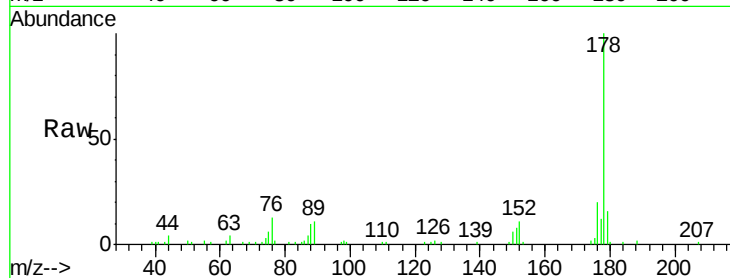
Tot Ion:178 Resp: 50453

Ion Ratio Lower Upper

178 100

179 16.1 12.3 18.5

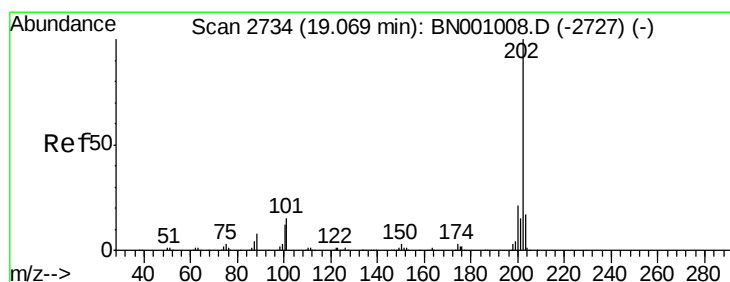
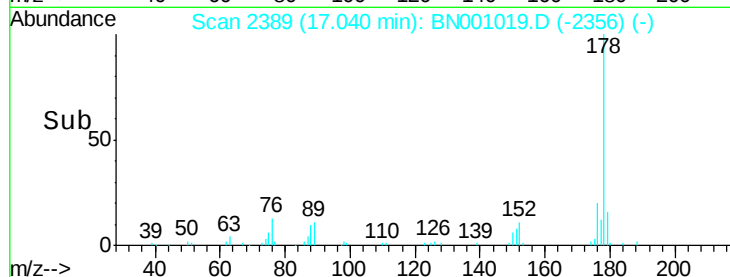
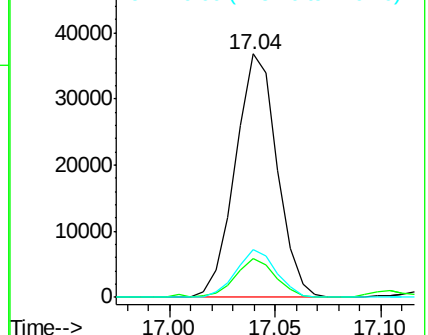
176 19.6 15.1 22.7



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: 4.650 ng/ul

RT: 19.07 min Scan# 2734

Delta R.T. 0.00 min

Lab File: BN001019.D

Acq: 01 May 2018 06:18

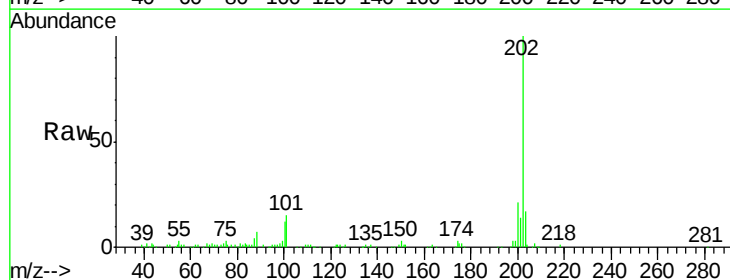
Tgt Ion:202 Resp: 160395

Ion Ratio Lower Upper

202 100

101 14.5 9.9 14.9

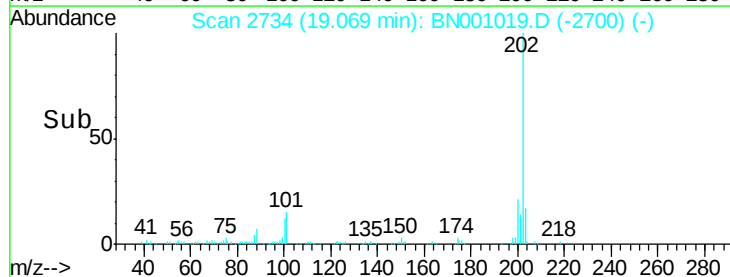
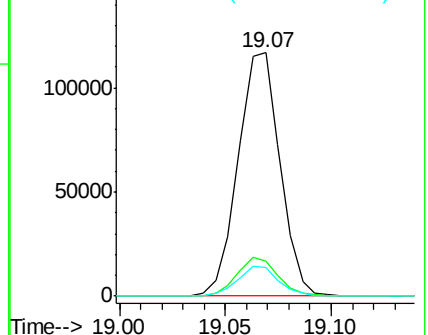
100 11.6 7.4 11.0#

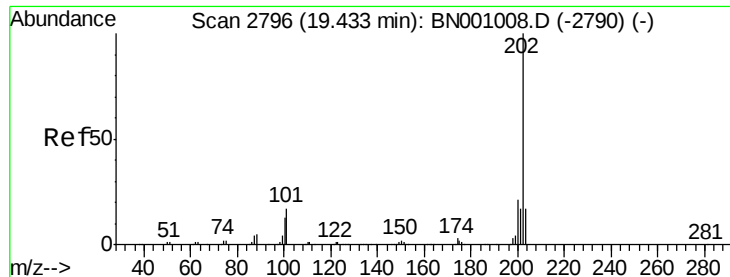


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 4.089 ng/ul

RT: 19.43 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BN001019.D

Acq: 01 May 2018 06:18

Instrument :

BNA_N

ClientSampleId :

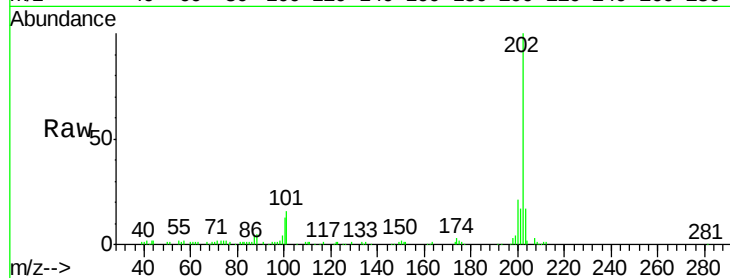
Tot Ion:202 Resp: 132379

Ion Ratio Lower Upper

202 100

101 16.4 11.0 16.4

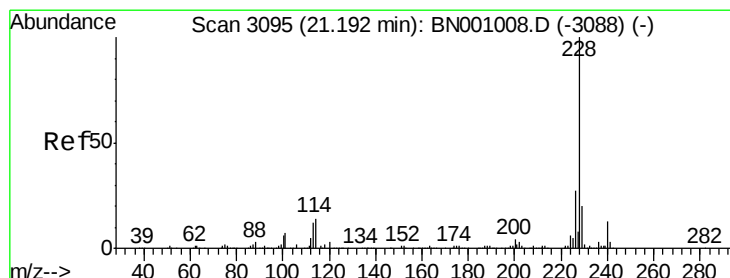
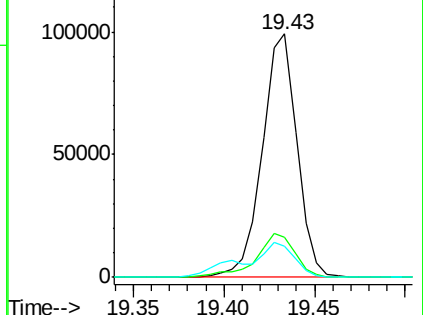
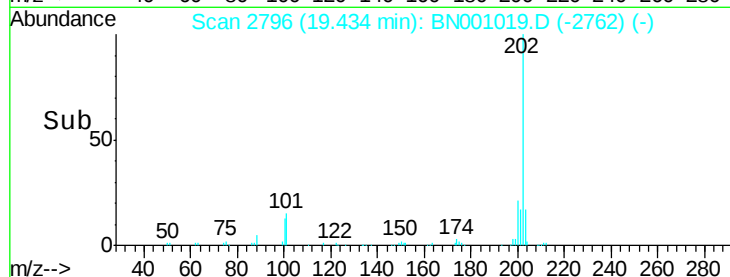
100 13.0 8.1 12.1#



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: 1.853 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BN001019.D

Acq: 01 May 2018 06:18

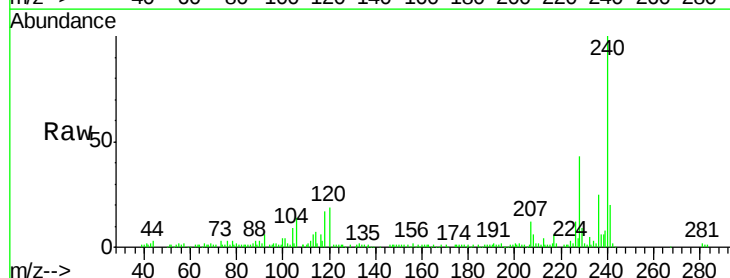
Tgt Ion:228 Resp: 55821

Ion Ratio Lower Upper

228 100

229 21.1 15.7 23.5

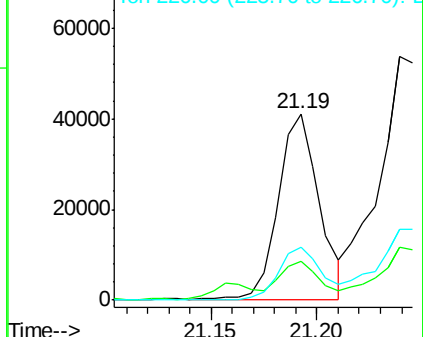
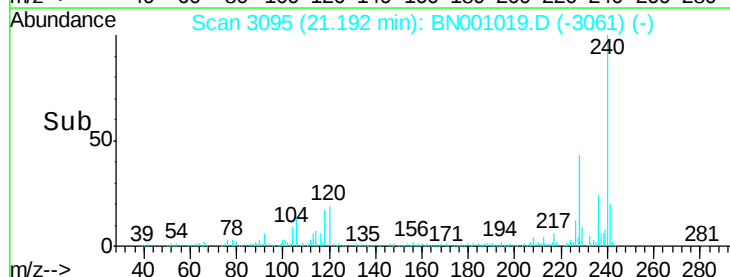
226 28.4 21.1 31.7

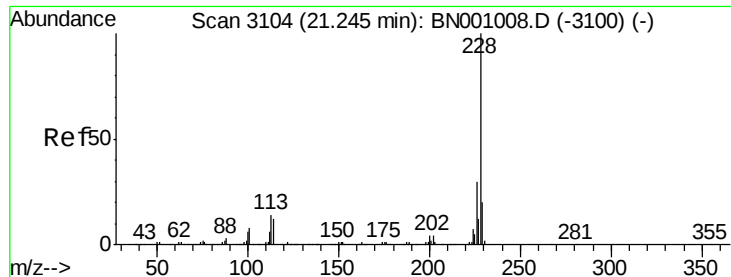


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 2.696 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN001019.D

Acq: 01 May 2018 06:18

Instrument :

BNA_N

ClientSampleId :

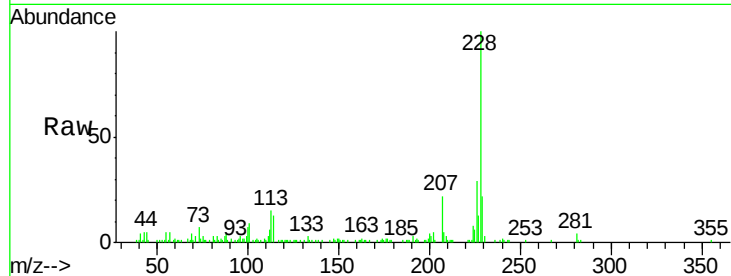
Tot Ion:228 Resp: 76344

Ion Ratio Lower Upper

228 100

226 29.1 24.5 36.7

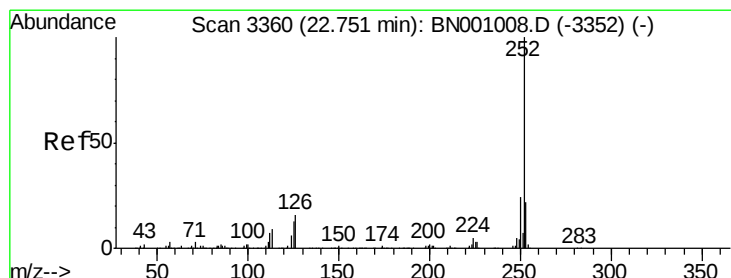
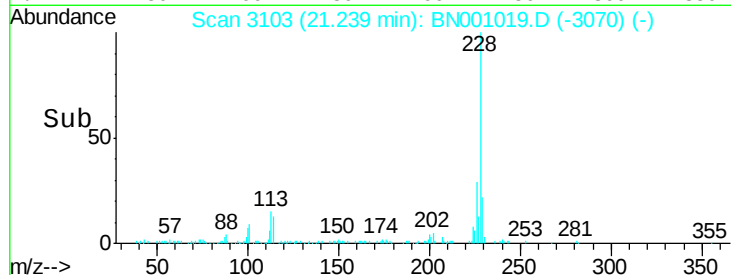
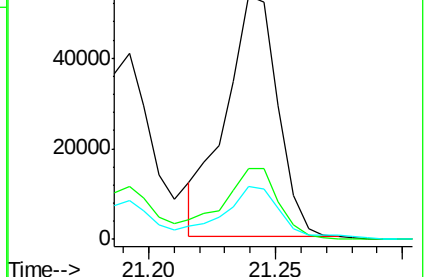
229 21.6 15.8 23.8



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: 4.178 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. 0.00 min

Lab File: BN001019.D

Acq: 01 May 2018 06:18

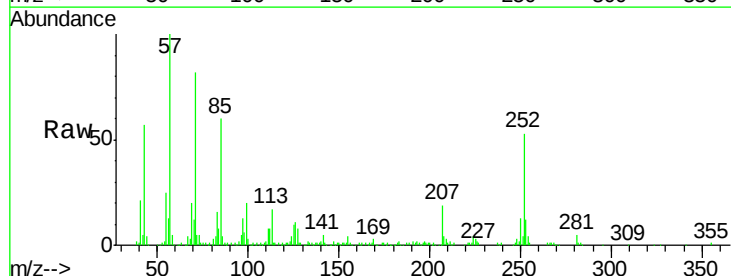
Tgt Ion:252 Resp: 128959

Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

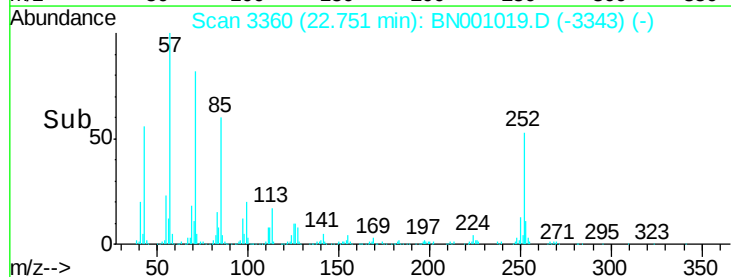
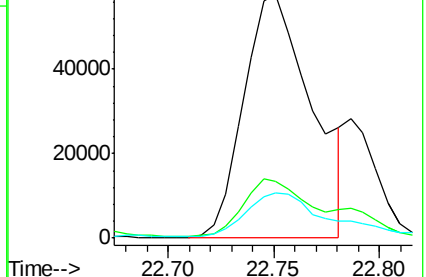
125 18.5 8.0 12.0#

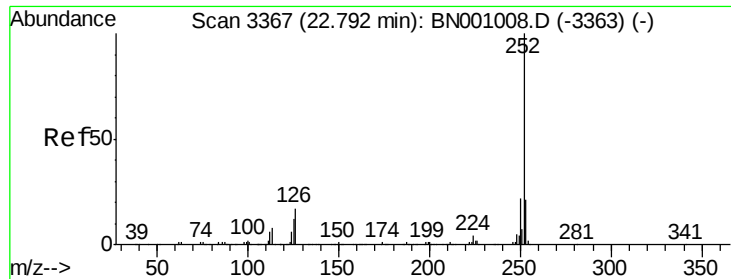


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

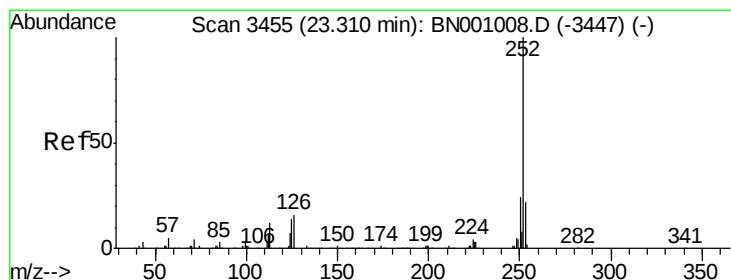
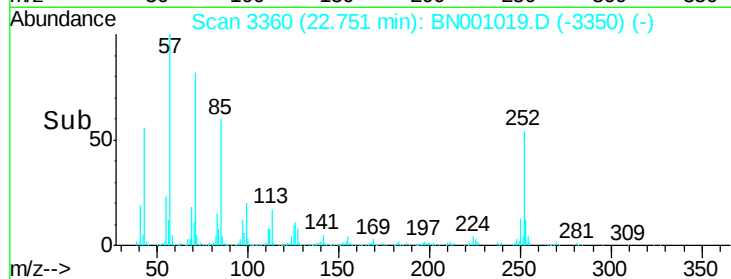
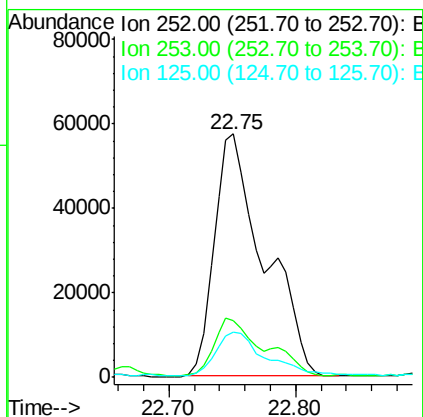
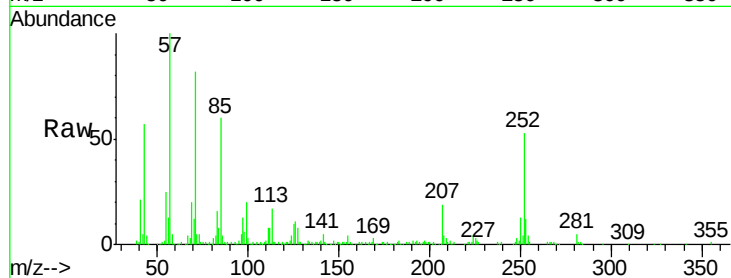




#24
Benzo(k)fluoranthene
Concen: 5.141 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.04 min
Lab File: BN001019.D
Acq: 01 May 2018 06:18

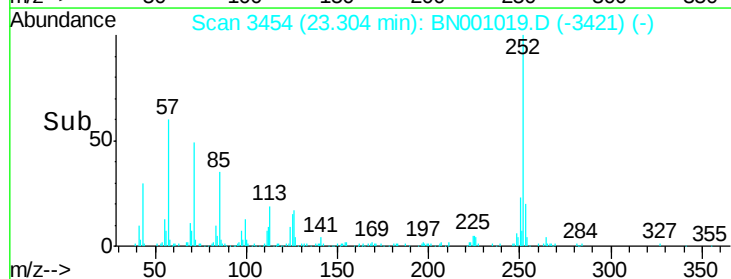
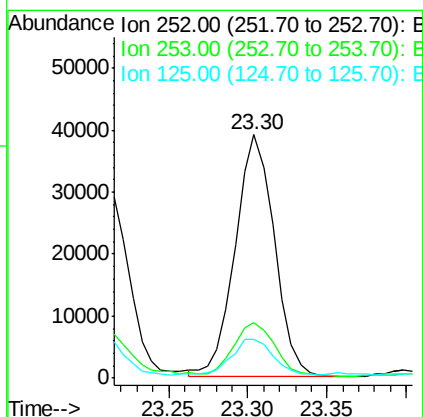
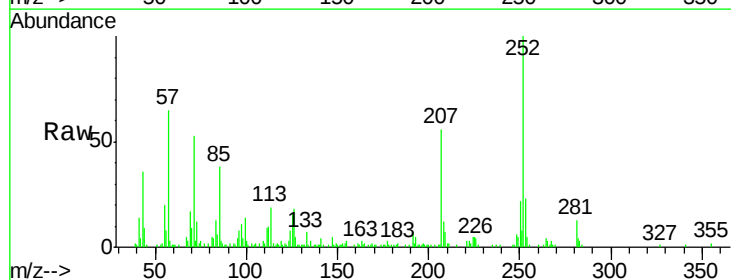
Instrument :
BNA_N
ClientSampleId :

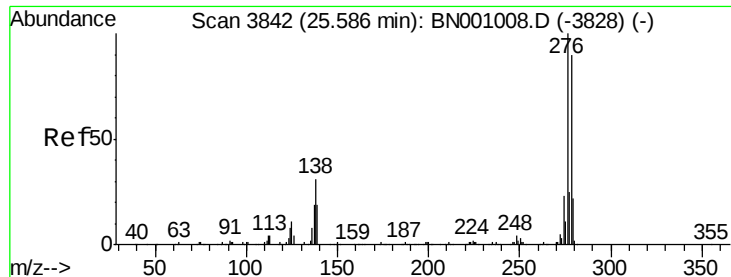
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	18.5	8.1	12.1#



#26
Benzo(a)pyrene
Concen: 2.259 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BN001019.D
Acq: 01 May 2018 06:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	15.8	8.2	12.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.710 ng/ul

RT: 25.57 min Scan# 3840

Delta R.T. -0.01 min

Lab File: BN001019.D

Acq: 01 May 2018 06:18

Instrument :

BNA_N

ClientSampleId :

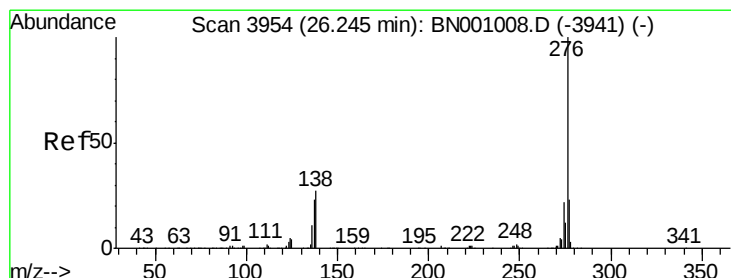
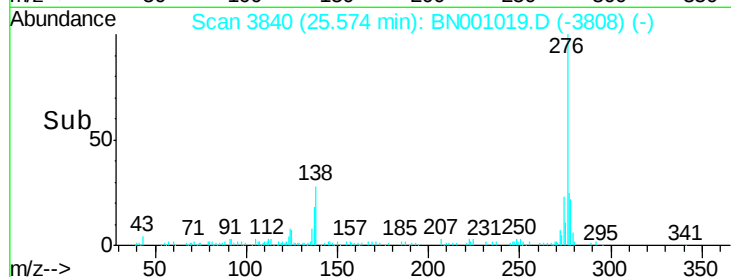
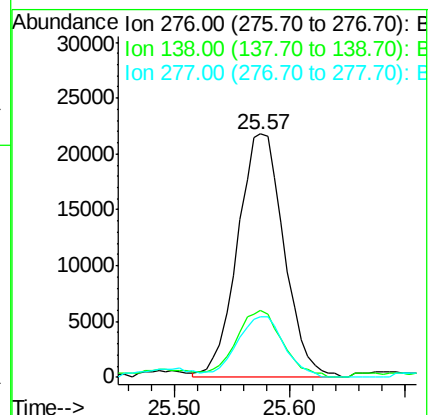
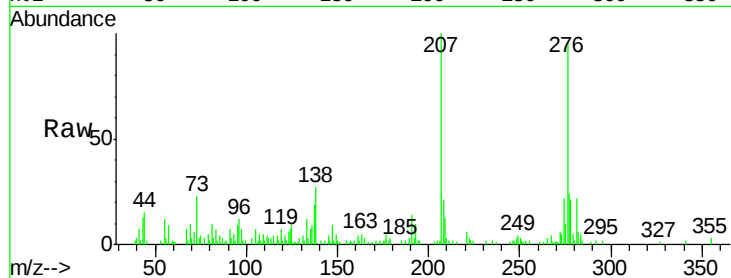
Tot Ion:276 Resp: 60927

Ion Ratio Lower Upper

276 100

138 27.5 14.4 21.6#

277 24.7 18.0 27.0



#29

Benzo(g,h,i)perylene

Concen: 2.041 ng/ul

RT: 26.24 min Scan# 3953

Delta R.T. -0.01 min

Lab File: BN001019.D

Acq: 01 May 2018 06:18

Tgt Ion:276 Resp: 60823

Ion Ratio Lower Upper

276 100

138 25.7 15.3 22.9#

277 25.7 19.0 28.4

