

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
 Data File : BN001073.D
 Acq On : 02 May 2018 16:39
 Operator : JU/SJ
 Sample : J2601-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 03 07:38:18 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

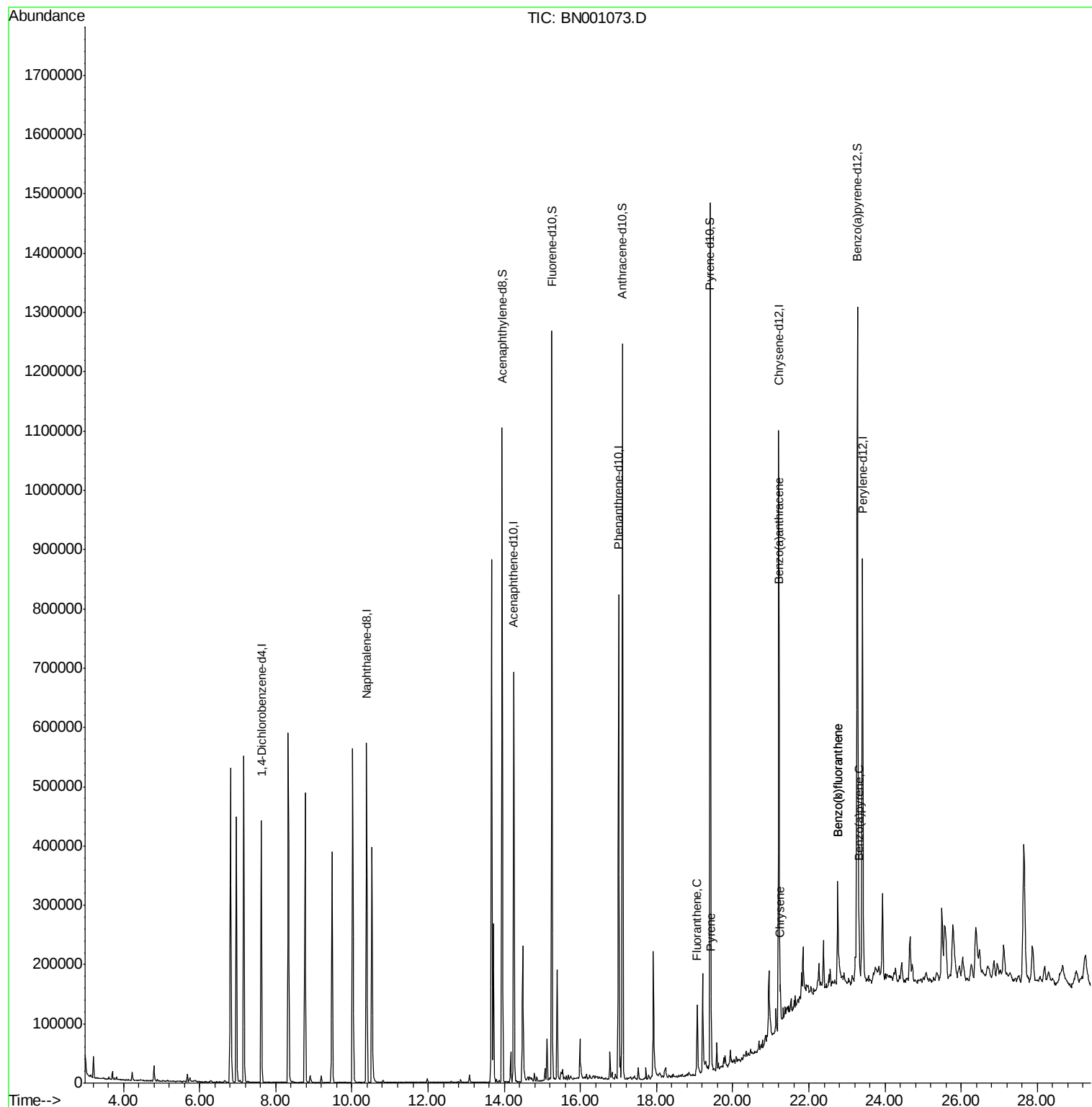
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	108237	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	444297	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	214439	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	422935	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	410082	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	428515	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	661370	32.11	ng/ul	0.00
10) Fluorene-d10	15.25	176	452907	32.95	ng/ul	0.00
14) Anthracene-d10	17.10	188	630353	32.59	ng/ul	0.00
18) Pyrene-d10	19.41	212	672641	32.01	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	717719	35.46	ng/ul	0.00
Target Compounds				Ovalue		
16) Fluoranthene	19.07	202	61417	2.624	ng/ul#	95
19) Pyrene	19.44	202	55780	2.118	ng/ul#	91
20) Benzo(a)anthracene	21.20	228	28198	1.150	ng/ul	99
21) Chrysene	21.25	228	32142	1.395	ng/ul	98
23) Benzo(b)fluoranthene	22.76	252	68916	2.830	ng/ul#	92
24) Benzo(k)fluoranthene	22.76	252	49357	2.071	ng/ul#	92
26) Benzo(a)pyrene	23.32	252	34698	1.491	ng/ul#	88

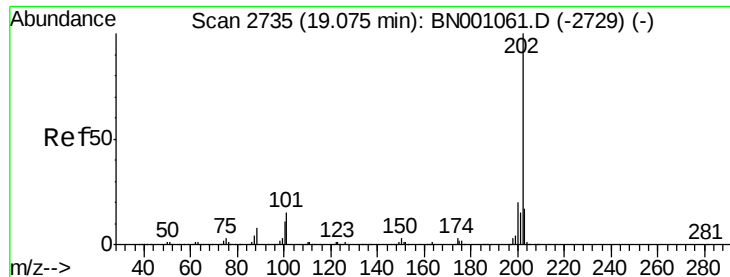
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Fluoranthene

Concen: 2.624 ng/ul

RT: 19.07 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BN001073.D

Acq: 02 May 2018 16:39

Instrument :

BNA_N

ClientSampleId :

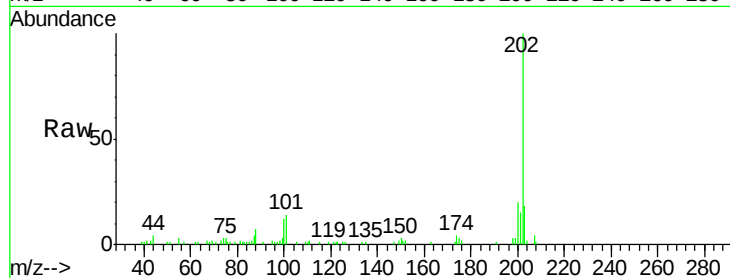
Tot Ion:202 Resp: 61417

Ion Ratio Lower Upper

202 100

101 13.7 9.9 14.9

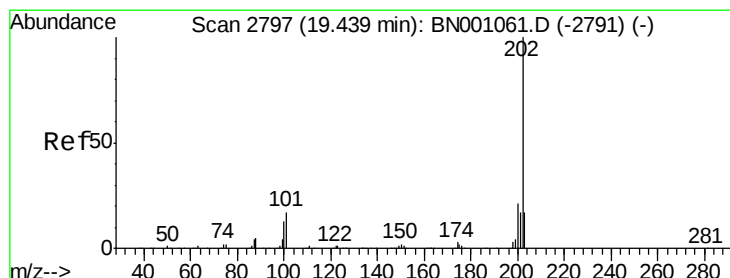
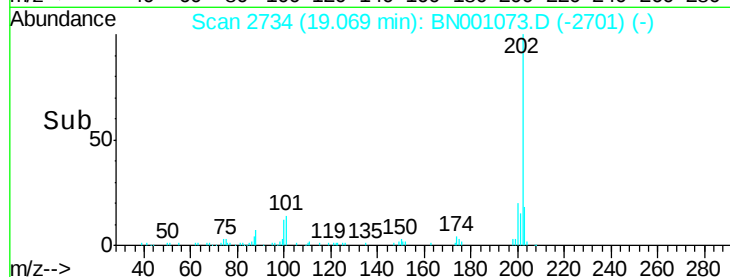
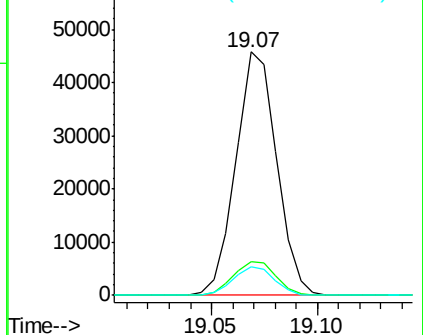
100 11.9 7.4 11.0#



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

Pyrene

Concen: 2.118 ng/ul

RT: 19.44 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BN001073.D

Acq: 02 May 2018 16:39

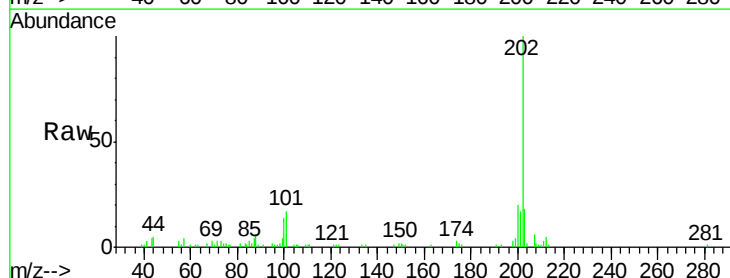
Tgt Ion:202 Resp: 55780

Ion Ratio Lower Upper

202 100

101 17.5 11.0 16.4#

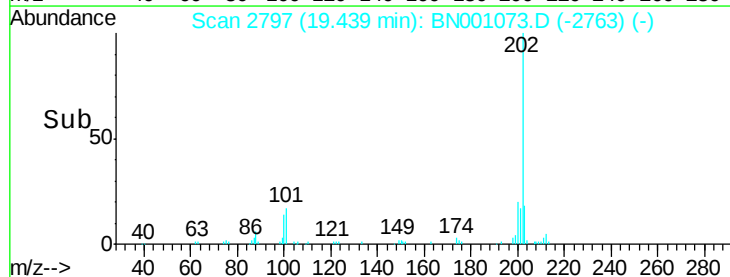
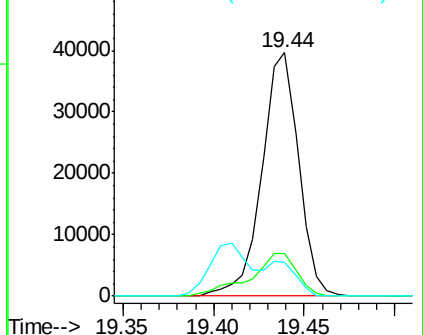
100 13.7 8.1 12.1#

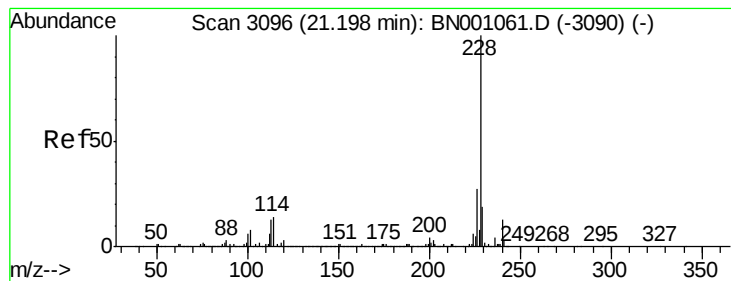


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Benzo(a)anthracene

Concen: 1.150 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BN001073.D

Acq: 02 May 2018 16:39

Instrument :

BNA_N

ClientSampleId :

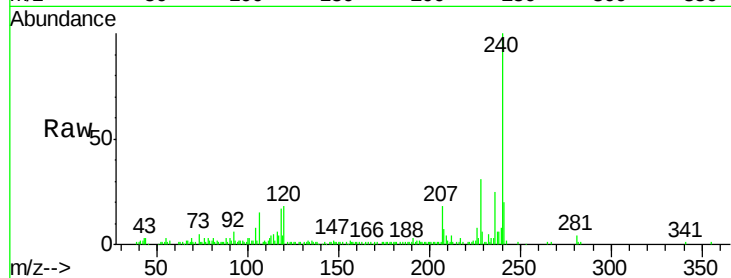
Tot Ion:228 Resp: 28198

Ion Ratio Lower Upper

228 100

229 20.5 15.7 23.5

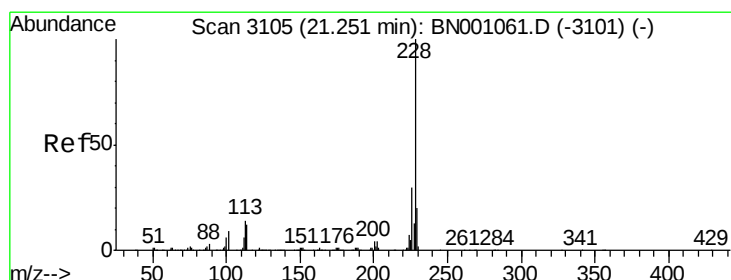
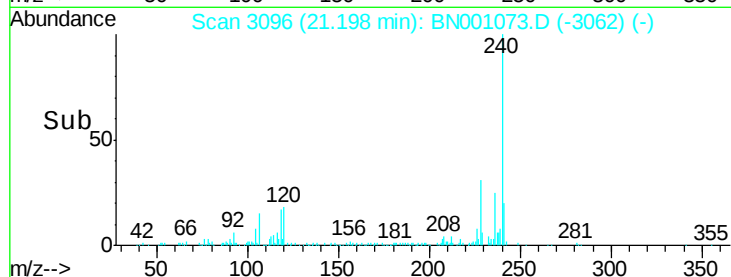
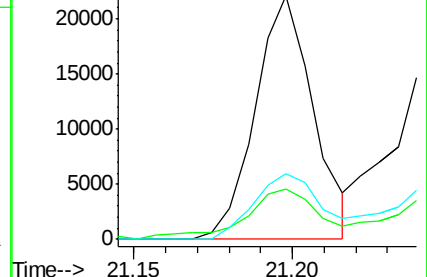
226 26.9 21.1 31.7



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: 1.395 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN001073.D

Acq: 02 May 2018 16:39

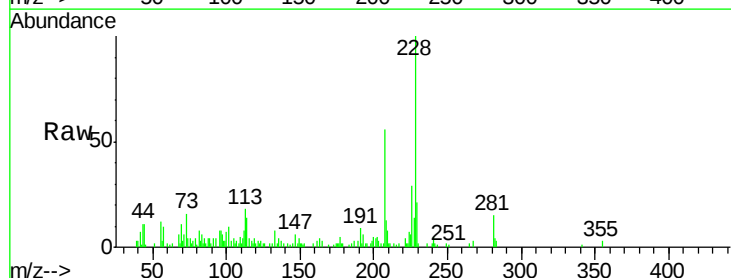
Tgt Ion:228 Resp: 32142

Ion Ratio Lower Upper

228 100

226 29.5 24.5 36.7

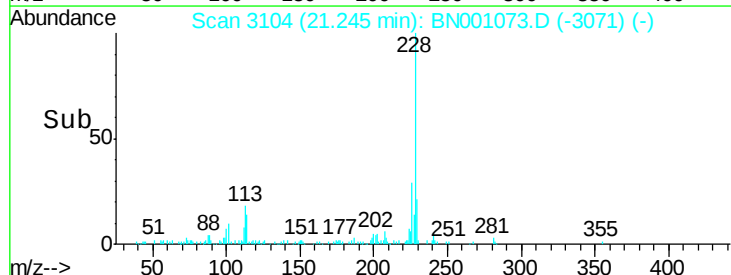
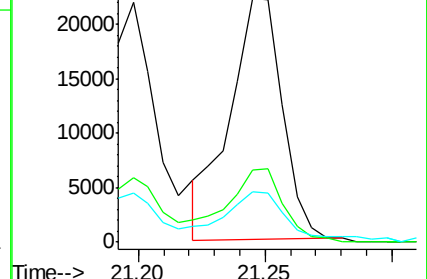
229 20.7 15.8 23.8

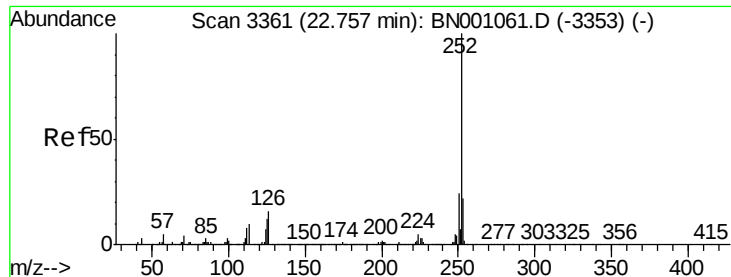


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 2.830 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.00 min

Lab File: BN001073.D

Acq: 02 May 2018 16:39

Instrument :

BNA_N

ClientSampleId :

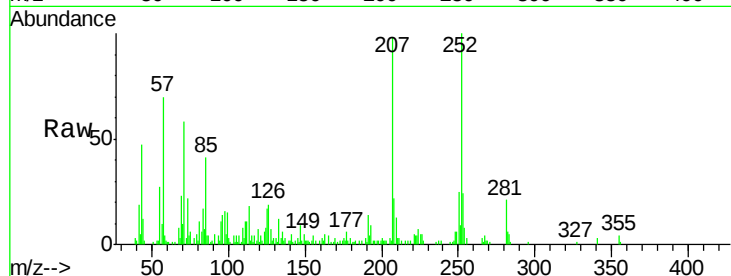
Tot Ion:252 Resp: 68916

Ion Ratio Lower Upper

252 100

253 23.7 18.0 27.0

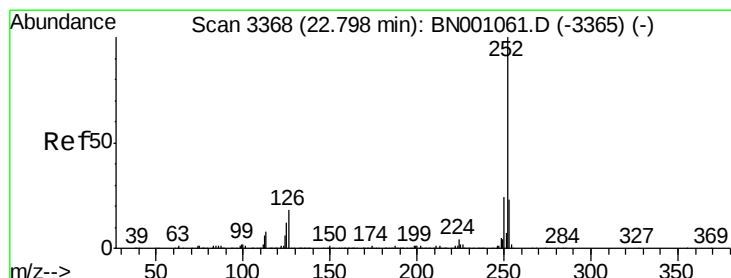
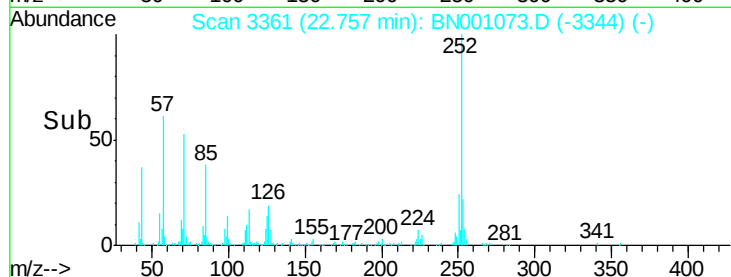
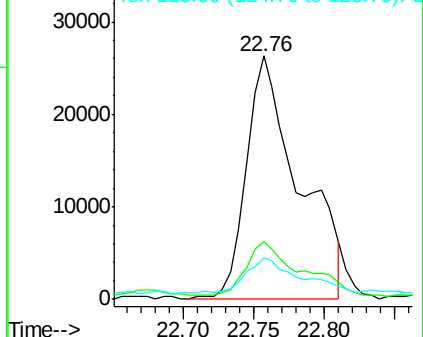
125 17.2 8.0 12.0#



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: 2.071 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.04 min

Lab File: BN001073.D

Acq: 02 May 2018 16:39

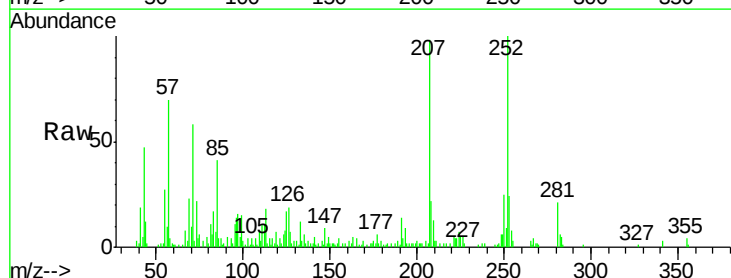
Tgt Ion:252 Resp: 49357

Ion Ratio Lower Upper

252 100

253 23.7 18.0 27.0

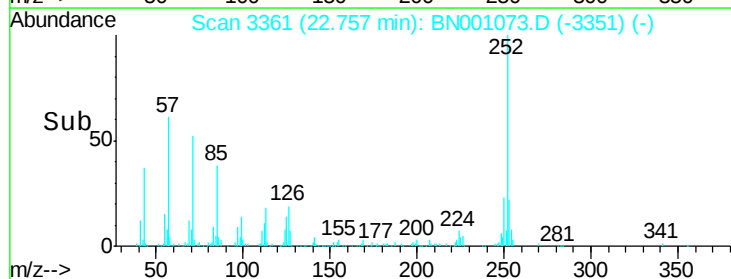
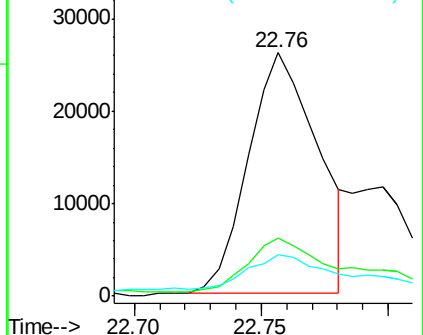
125 17.2 8.1 12.1#

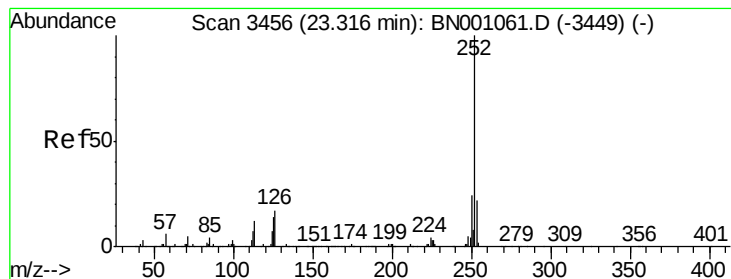


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 1.491 ng/ul

RT: 23.32 min Scan# 3456

Delta R.T. -0.00 min

Lab File: BN001073.D

Acq: 02 May 2018 16:39

Instrument :

BNA_N

ClientSampleId :

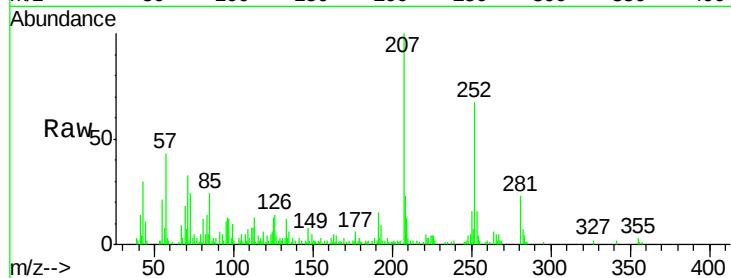
Tot Ion: 252 Resp: 34698

Ion Ratio Lower Upper

252 100

253 24.4 17.2 25.8

125 18.9 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

