

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
 Data File : BN001068.D
 Acq On : 02 May 2018 13:44
 Operator : JU/SJ
 Sample : J2601-22
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 03 07:37:22 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

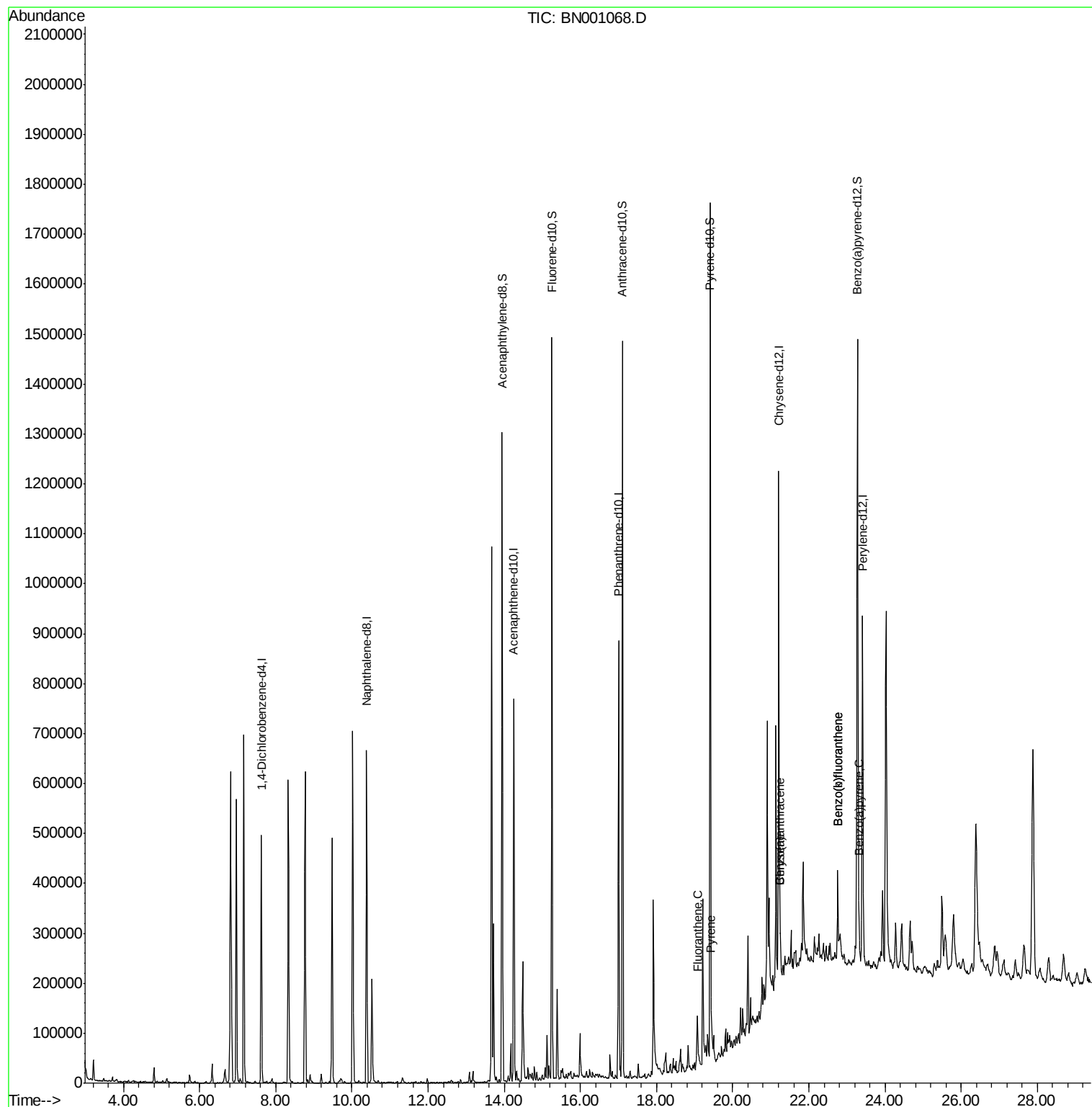
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	122837	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	507798	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	242232	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	455345	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	426578	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	449362	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	811296	34.87	ng/ul	0.00
10) Fluorene-d10	15.25	176	538526	34.68	ng/ul	0.00
14) Anthracene-d10	17.10	188	734279	35.26	ng/ul	0.00
18) Pyrene-d10	19.41	212	777172	35.56	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	834289	39.30	ng/ul	0.00
Target Compounds				Ovalue		
16) Fluoranthene	19.07	202	47129	1.870	ng/ul#	91
19) Pyrene	19.44	202	45406	1.657	ng/ul#	91
20) Benzo(a)anthracene	21.25	228	27410	1.075	ng/ul	94
21) Chrysene	21.25	228	29210	1.219	ng/ul	98
23) Benzo(b)fluoranthene	22.76	252	45047	1.764	ng/ul#	87
24) Benzo(k)fluoranthene	22.76	252	54147	2.167	ng/ul#	87
26) Benzo(a)pyrene	23.32	252	27951	1.145	ng/ul#	85

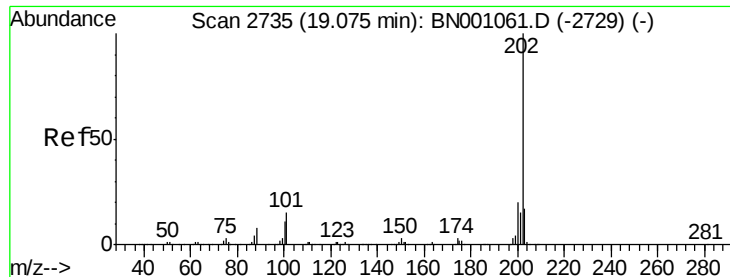
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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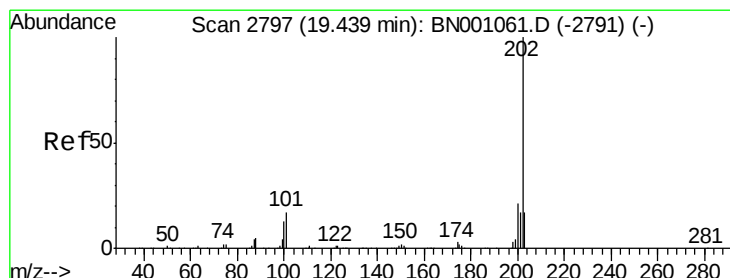
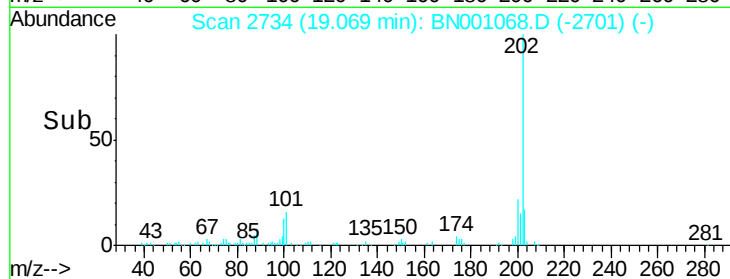
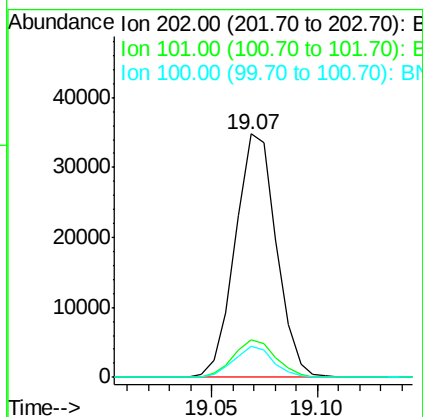
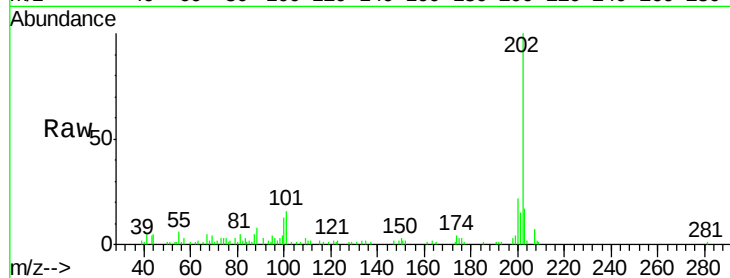




#16
 Fluoranthene
 Concen: 1.870 ng/ul
 RT: 19.07 min Scan# 2734
 Delta R.T. -0.01 min
 Lab File: BN001068.D
 Acq: 02 May 2018 13:44

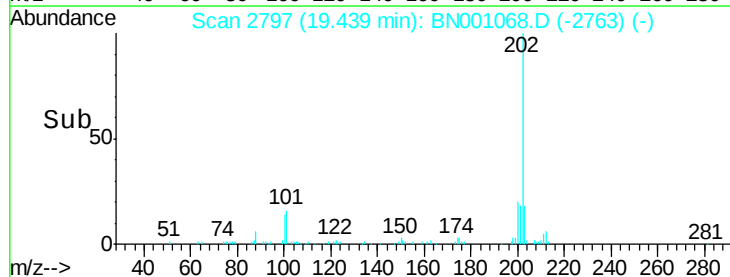
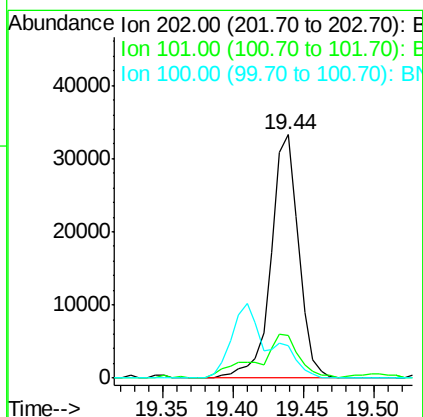
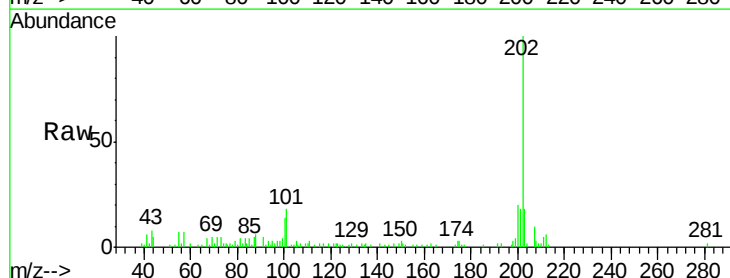
Instrument :
 BNA_N
 ClientSampleId :

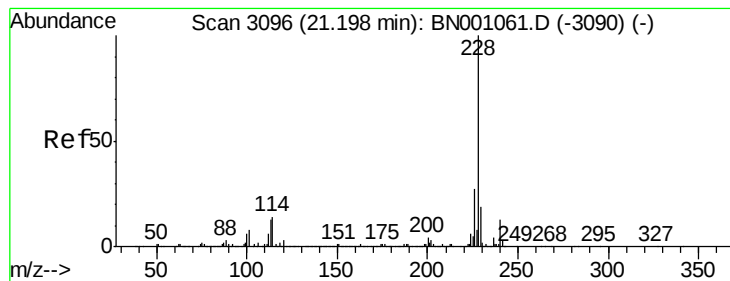
Tot Ion:202 Resp: 47129
 Ion Ratio Lower Upper
 202 100
 101 15.5 9.9 14.9#
 100 12.6 7.4 11.0#



#19
 Pyrene
 Concen: 1.657 ng/ul
 RT: 19.44 min Scan# 2797
 Delta R.T. -0.00 min
 Lab File: BN001068.D
 Acq: 02 May 2018 13:44

Tgt Ion:202 Resp: 45406
 Ion Ratio Lower Upper
 202 100
 101 17.6 11.0 16.4#
 100 13.6 8.1 12.1#





#20

Benzo(a)anthracene

Concen: 1.075 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. 0.05 min

Lab File: BN001068.D

Acq: 02 May 2018 13:44

Instrument :

BNA_N

ClientSampleId :

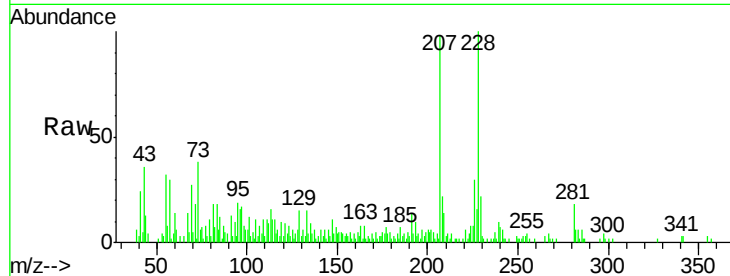
Tot Ion:228 Resp: 27410

Ion Ratio Lower Upper

228 100

229 21.7 15.7 23.5

226 30.3 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

25000

20000

15000

10000

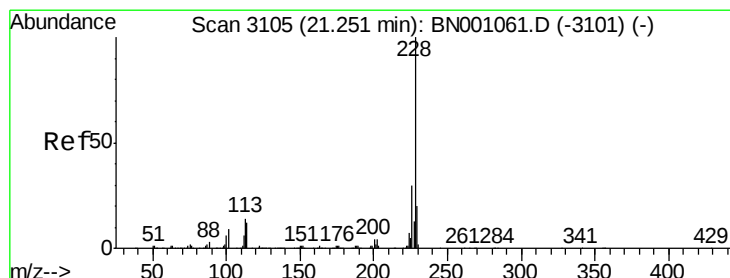
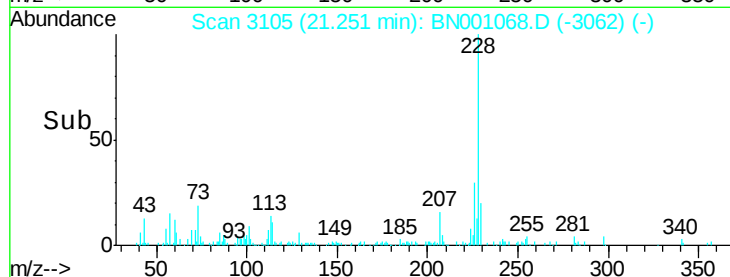
5000

0

21.20

21.25

Time-->



#21

Chrysene

Concen: 1.219 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BN001068.D

Acq: 02 May 2018 13:44

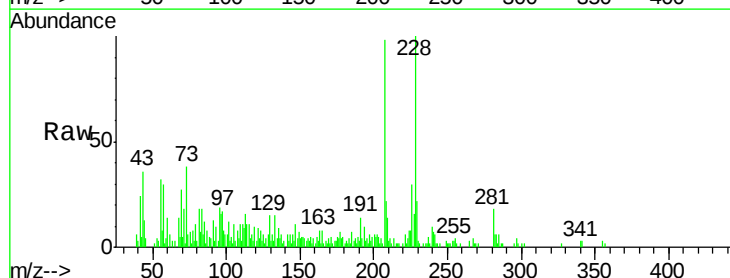
Tgt Ion:228 Resp: 29210

Ion Ratio Lower Upper

228 100

226 30.3 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

25000

20000

15000

10000

5000

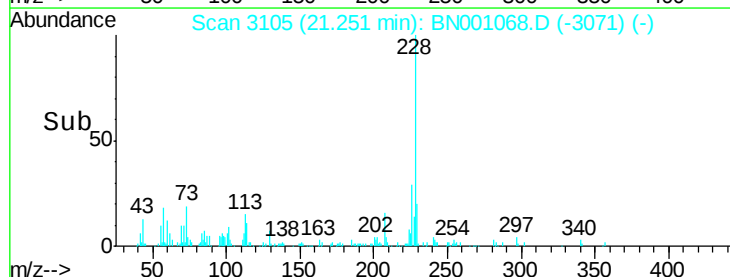
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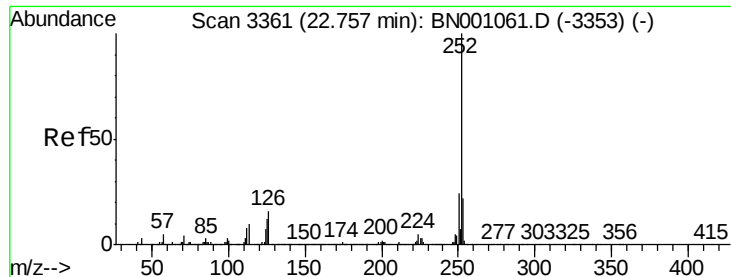
21.20

21.25

21.30

Time-->

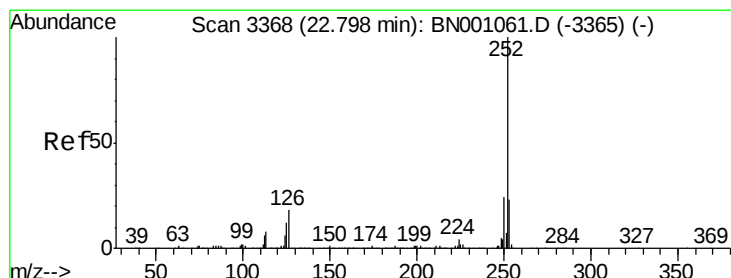
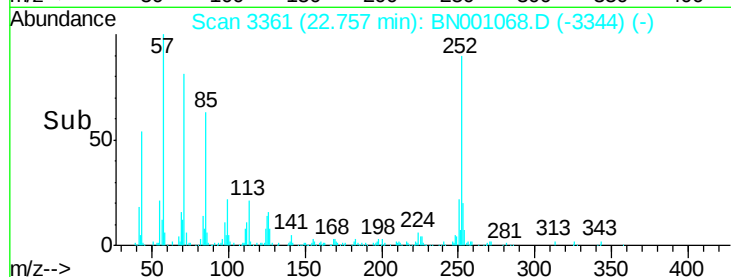
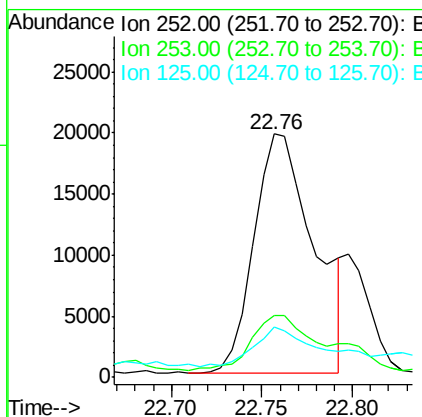
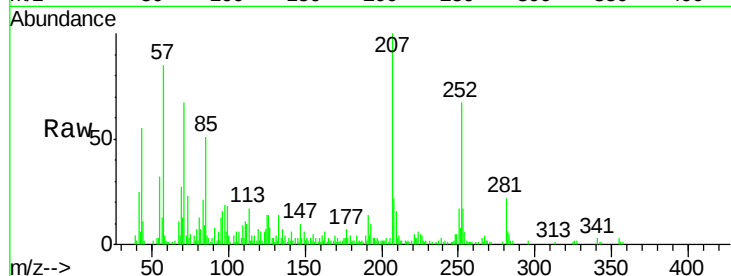




#23
Benzo(b)fluoranthene
Concen: 1.764 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BN001068.D
Acq: 02 May 2018 13:44

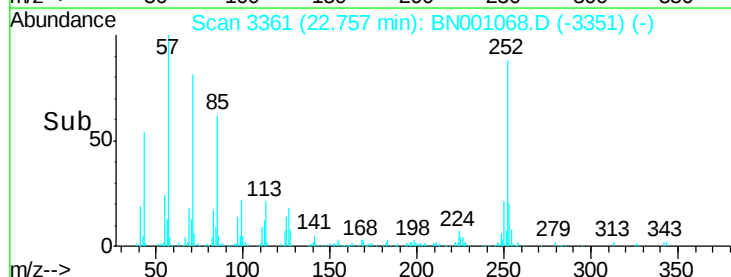
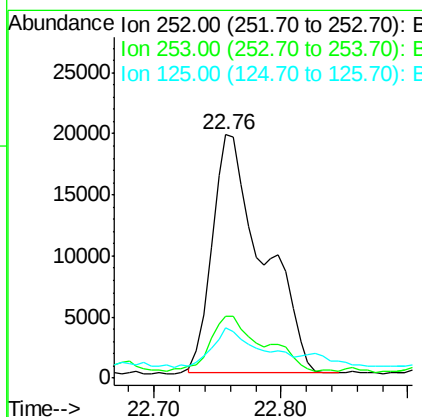
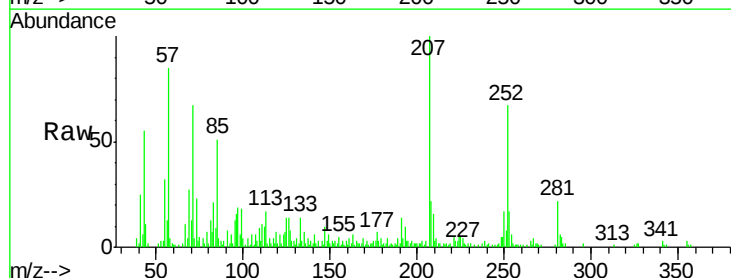
Instrument :
BNA_N
ClientSampled :

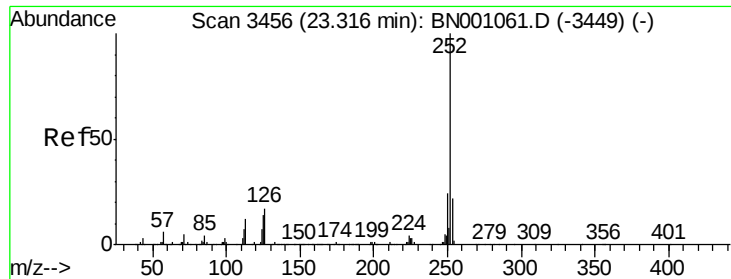
Tot Ion:252 Resp: 45047
Ion Ratio Lower Upper
252 100
253 25.3 18.0 27.0
125 20.5 8.0 12.0#



#24
Benzo(k)fluoranthene
Concen: 2.167 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.04 min
Lab File: BN001068.D
Acq: 02 May 2018 13:44

Tgt Ion:252 Resp: 54147
Ion Ratio Lower Upper
252 100
253 25.3 18.0 27.0
125 20.5 8.1 12.1#





#26

Benzo(a)pyrene

Concen: 1.145 ng/ul

RT: 23.32 min Scan# 3456

Delta R.T. -0.00 min

Lab File: BN001068.D

Acq: 02 May 2018 13:44

Instrument :

BNA_N

ClientSampleId :

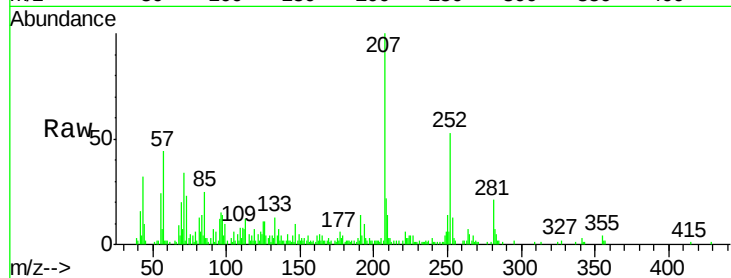
Tot Ion: 252 Resp: 27951

Ion Ratio Lower Upper

252 100

253 25.2 17.2 25.8

125 21.7 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

