

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
 Data File : BN000866.D
 Acq On : 25 Apr 2018 00:19
 Operator : JU/SJ
 Sample : J2443-20
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 25 07:55:07 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 25 07:49:48 2018
 Response via : Initial Calibration

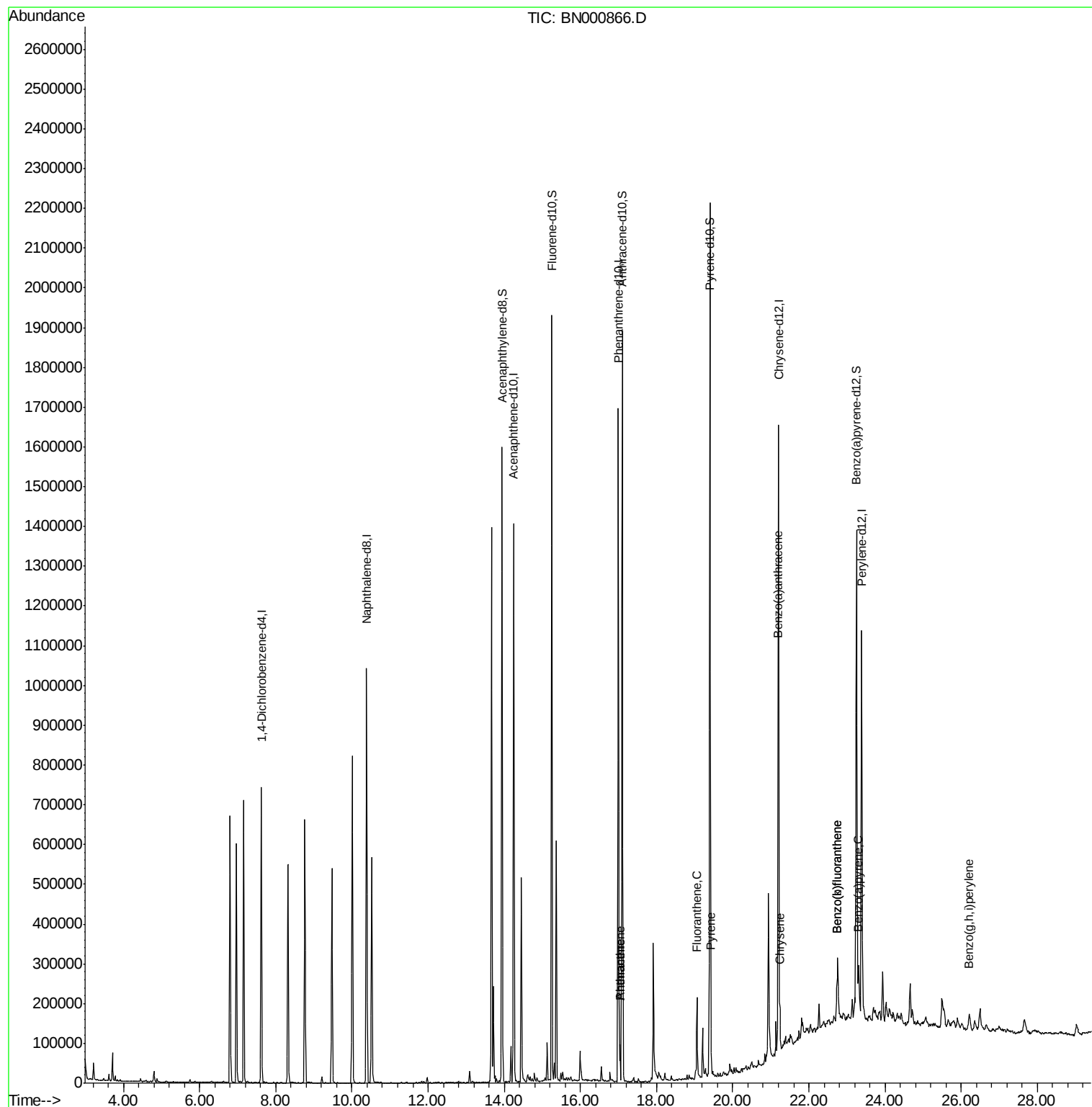
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	184716	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	831689	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	438063	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	886918	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	657279	20.00	ng/ul	0.00
22) Perylene-d12	23.39	264	603238	20.00	ng/ul	-0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	1011505	24.04	ng/ul	0.00
10) Fluorene-d10	15.25	176	720576	25.66	ng/ul	0.00
14) Anthracene-d10	17.10	188	982766	24.23	ng/ul	0.00
18) Pyrene-d10	19.40	212	999344	29.67	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.25	264	788706	27.68	ng/ul	-0.02
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	49887	1.031	ng/ul	100
15) Anthracene	17.04	178	49889	1.028	ng/ul	99
16) Fluoranthene	19.06	202	104555	2.130	ng/ul#	94
19) Pyrene	19.43	202	85562	2.027	ng/ul#	89
20) Benzo(a)anthracene	21.19	228	51953	1.322	ng/ul	97
21) Chrysene	21.24	228	51801	1.403	ng/ul	98
23) Benzo(b)fluoranthene	22.74	252	74235	2.165	ng/ul#	94
24) Benzo(k)fluoranthene	22.74	252	67056	1.999	ng/ul#	94
26) Benzo(a)pyrene	23.29	252	43293	1.321	ng/ul#	90
29) Benzo(g,h,i)perylene	26.21	276	35133	1.062	ng/ul#	87

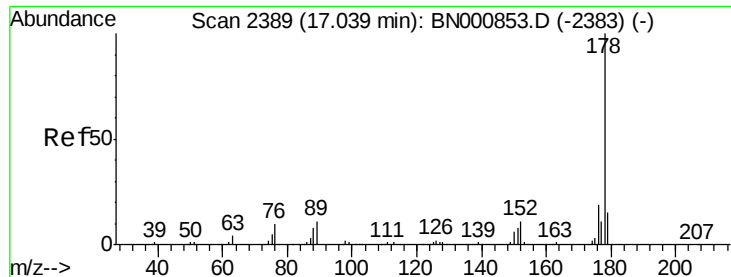
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.031 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BN000866.D

Acq: 25 Apr 2018 00:19

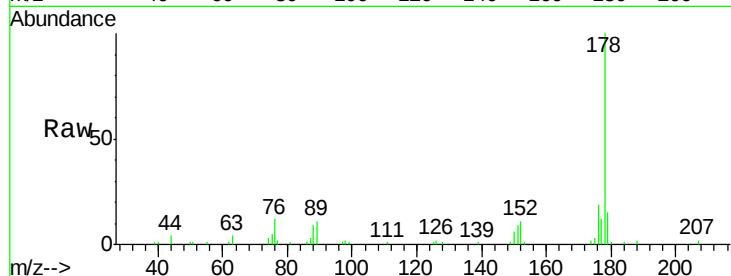
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 49887

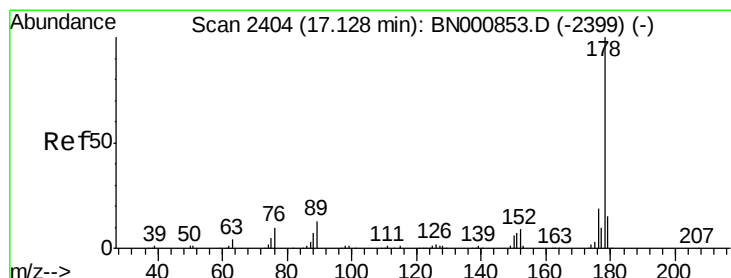
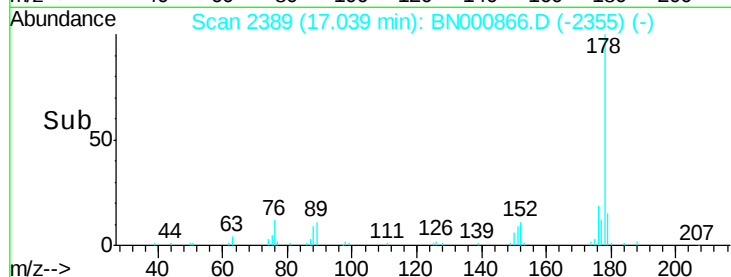
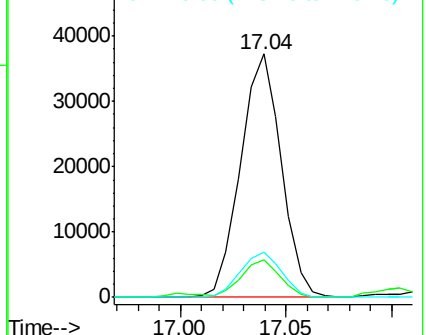
Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.8	15.1	22.7



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: 1.028 ng/ul

RT: 17.04 min Scan# 2389

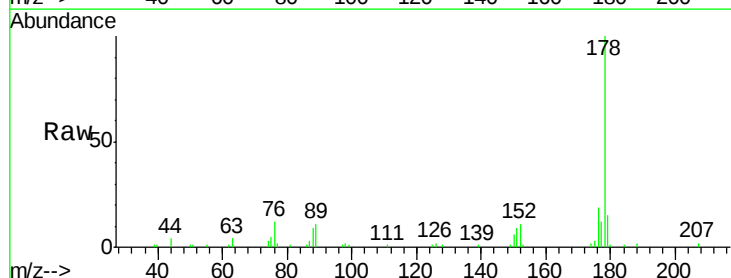
Delta R.T. -0.09 min

Lab File: BN000866.D

Acq: 25 Apr 2018 00:19

Tgt Ion:178 Resp: 49889

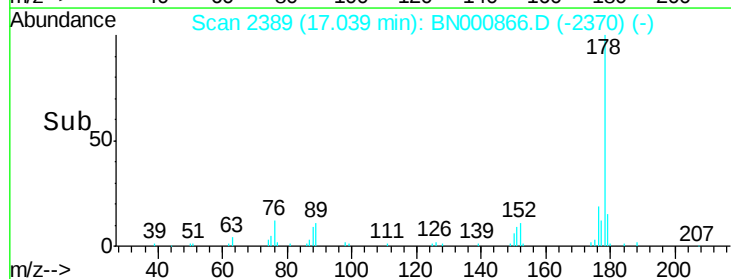
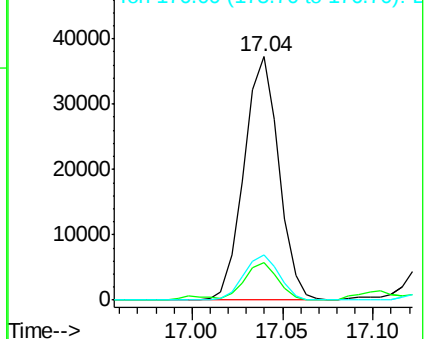
Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	18.8	15.2	22.8

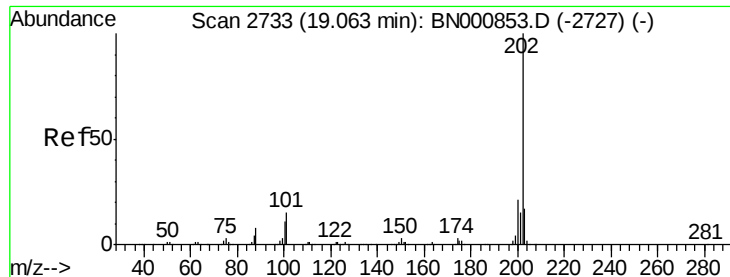


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

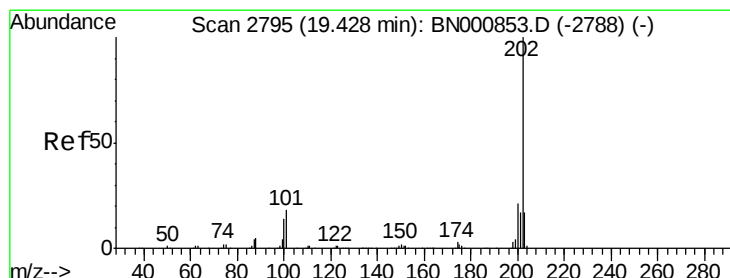
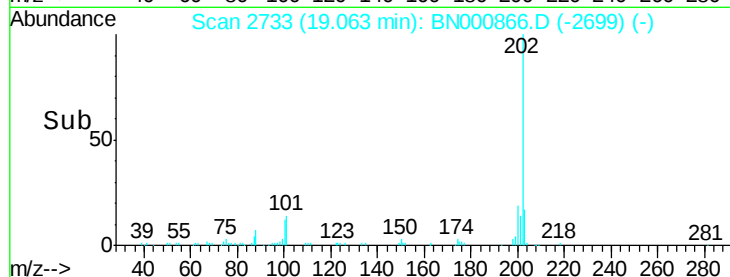
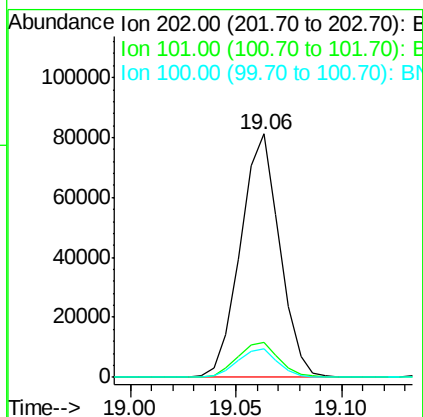
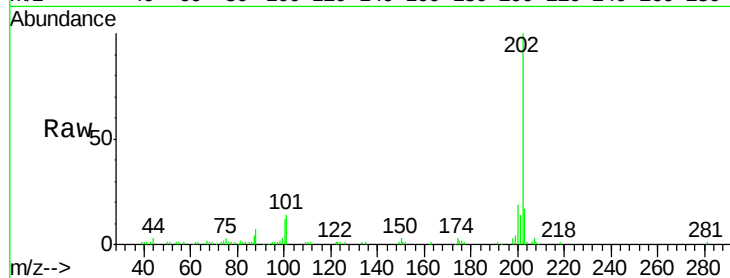




#16
Fluoranthene
 Concen: 2.130 ng/ul
 RT: 19.06 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: BN000866.D
 Acq: 25 Apr 2018 00:19

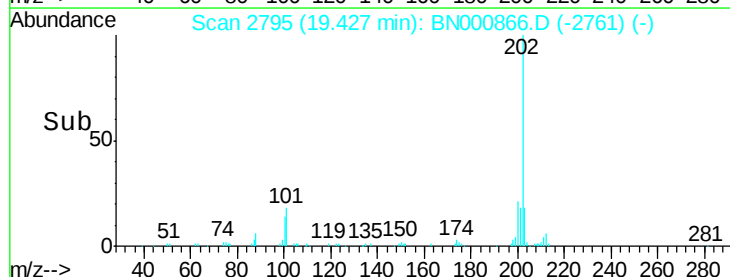
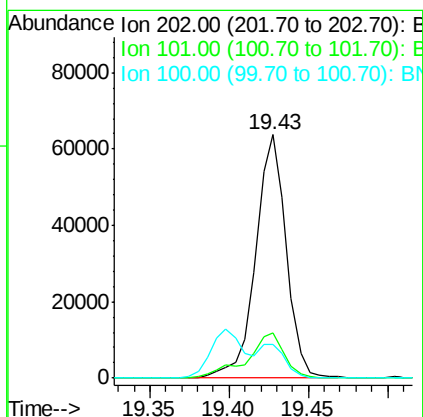
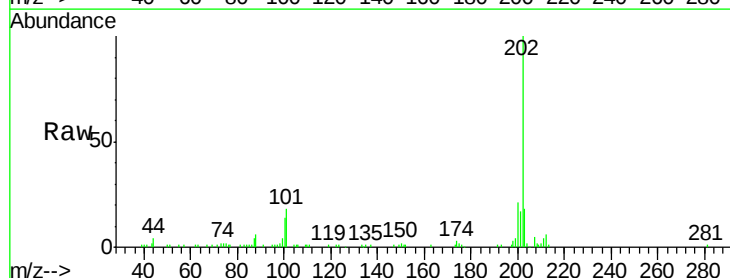
Instrument :
 BNA_N
 ClientSampled :

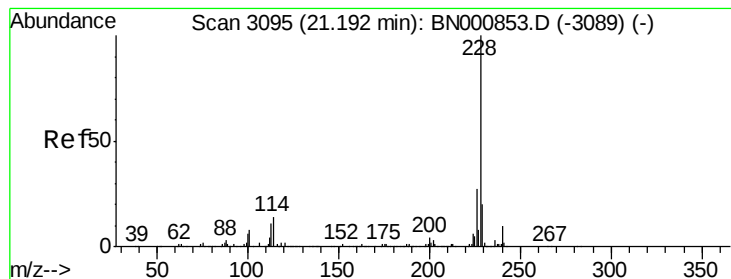
Tot Ion:202 Resp: 104555
 Ion Ratio Lower Upper
 202 100
 101 14.4 9.9 14.9
 100 11.7 7.4 11.0#



#19
Pyrene
 Concen: 2.027 ng/ul
 RT: 19.43 min Scan# 2795
 Delta R.T. -0.00 min
 Lab File: BN000866.D
 Acq: 25 Apr 2018 00:19

Tgt Ion:202 Resp: 85562
 Ion Ratio Lower Upper
 202 100
 101 18.4 11.0 16.4#
 100 13.7 8.1 12.1#





#20

Benzo(a)anthracene

Concen: 1.322 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BN000866.D

Acq: 25 Apr 2018 00:19

Instrument :

BNA_N

ClientSampleId :

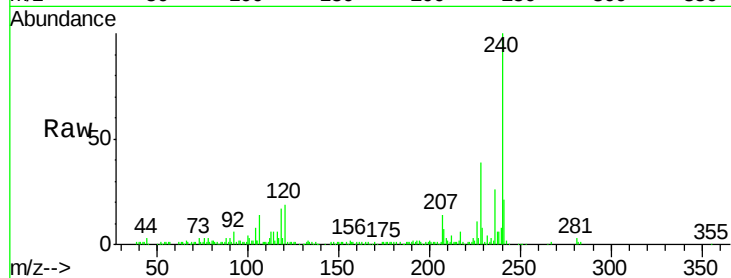
Tot Ion:228 Resp: 51953

Ion Ratio Lower Upper

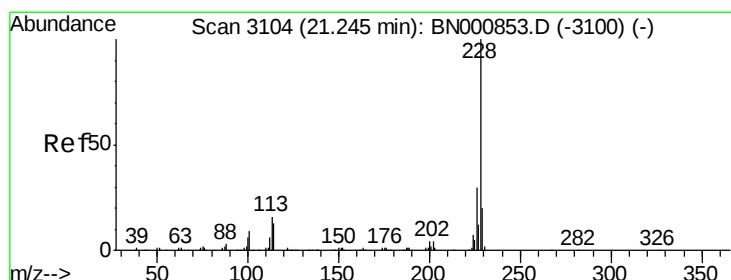
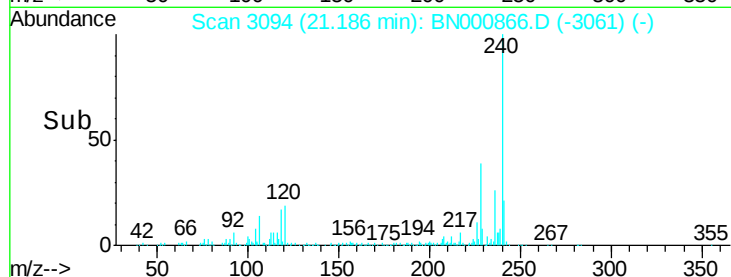
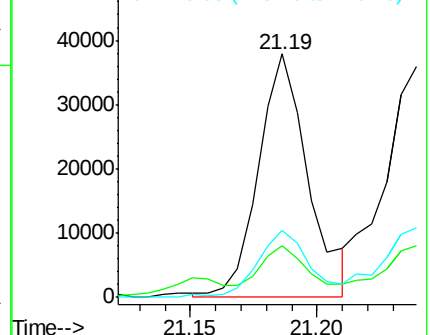
228 100

229 21.0 15.7 23.5

226 27.5 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: 1.403 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN000866.D

Acq: 25 Apr 2018 00:19

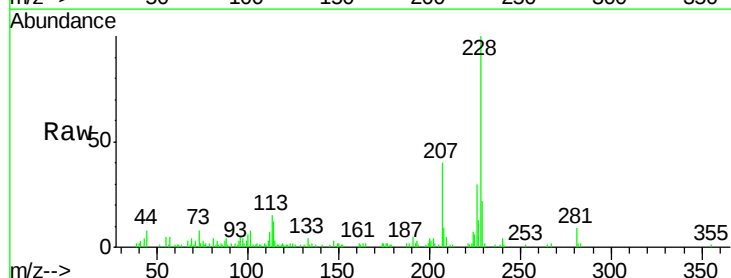
Tgt Ion:228 Resp: 51801

Ion Ratio Lower Upper

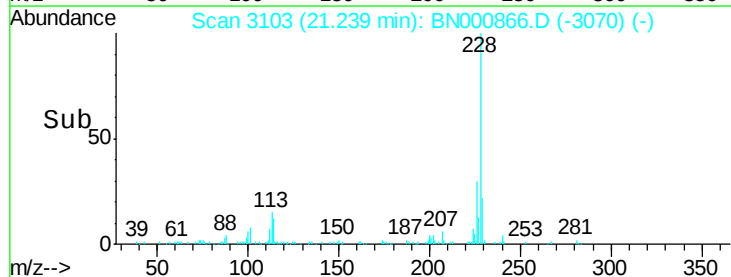
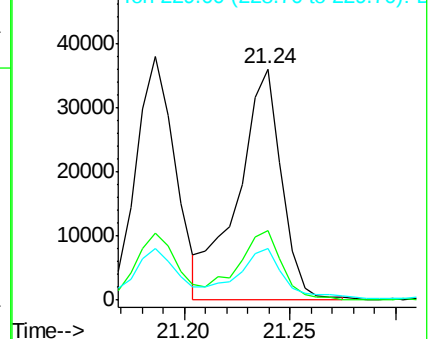
228 100

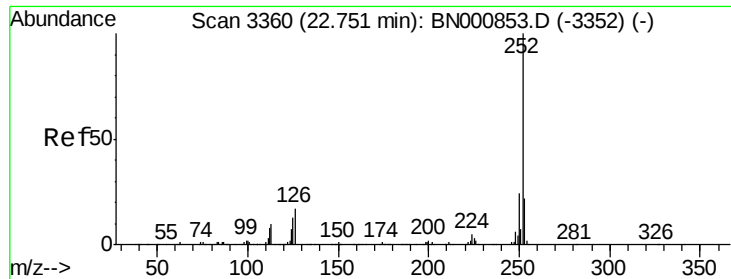
226 30.4 24.5 36.7

229 22.3 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: 2.165 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. -0.01 min

Lab File: BN000866.D

Acq: 25 Apr 2018 00:19

Instrument :

BNA_N

ClientSampleId :

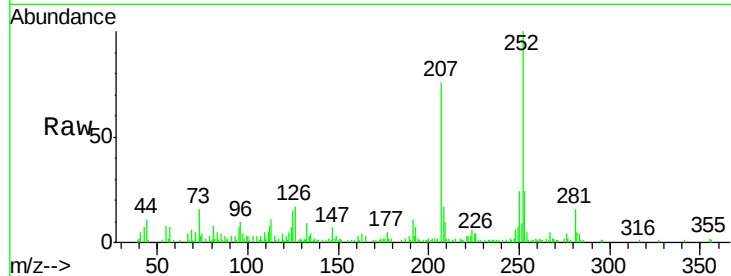
Tot Ion:252 Resp: 74235

Ion Ratio Lower Upper

252 100

253 23.8 18.0 27.0

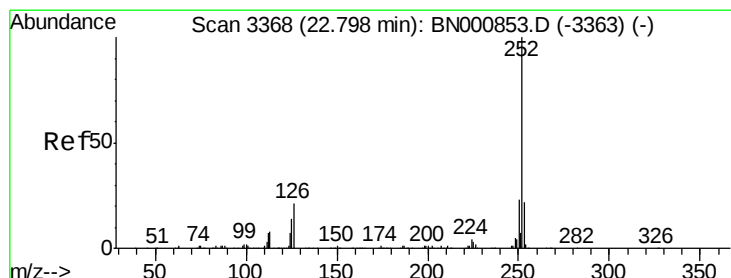
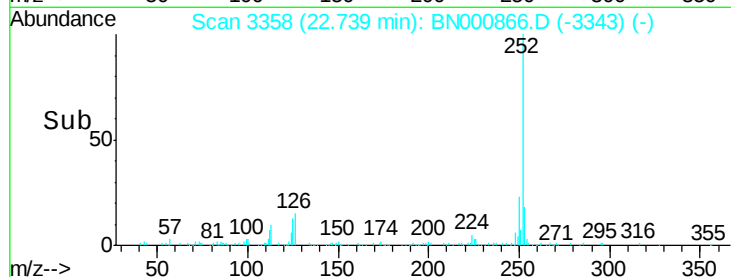
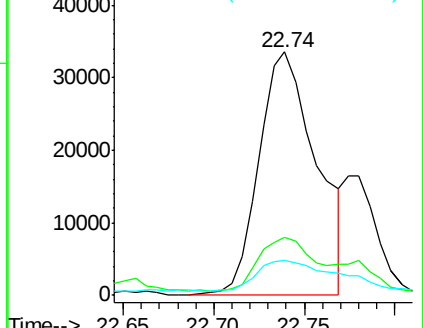
125 14.6 8.0 12.0#



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: 1.999 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. -0.06 min

Lab File: BN000866.D

Acq: 25 Apr 2018 00:19

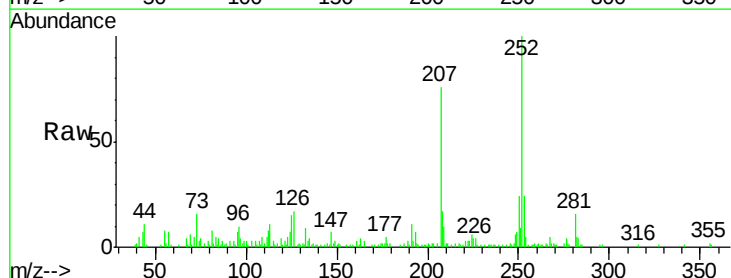
Tgt Ion:252 Resp: 67056

Ion Ratio Lower Upper

252 100

253 23.8 18.0 27.0

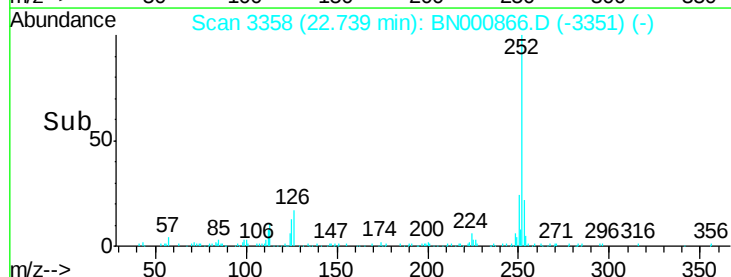
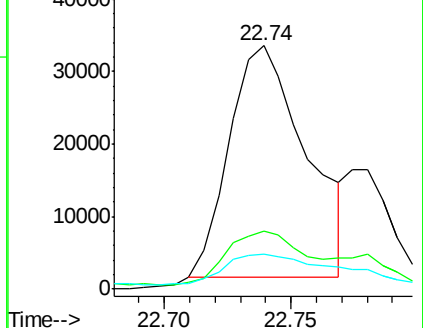
125 14.6 8.1 12.1#

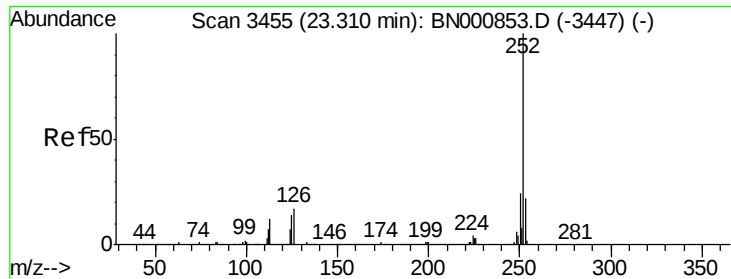


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 1.321 ng/ul

RT: 23.29 min Scan# 3452

Delta R.T. -0.02 min

Lab File: BN000866.D

Acq: 25 Apr 2018 00:19

Instrument :

BNA_N

ClientSampleId :

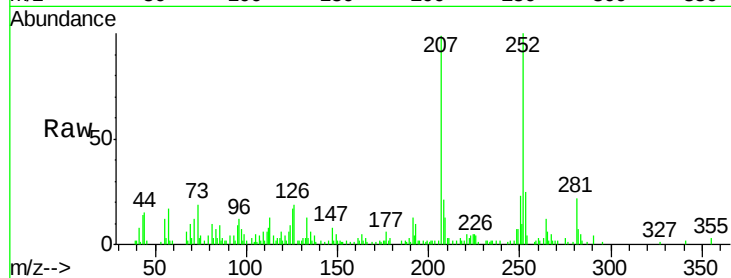
Tot Ion:252 Resp: 43293

Ion Ratio Lower Upper

252 100

253 24.9 17.2 25.8

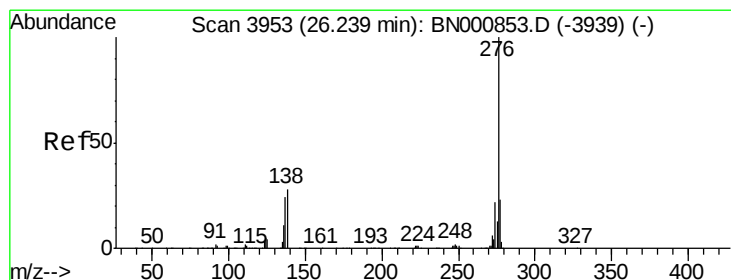
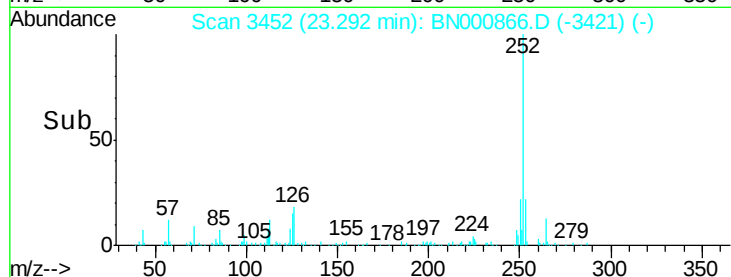
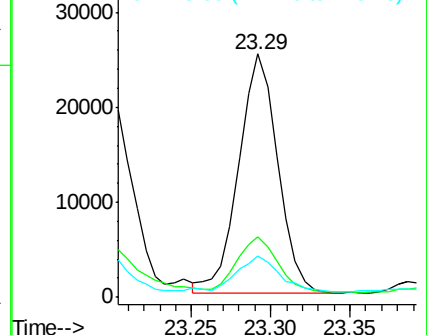
125 16.8 8.2 12.4#



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



#29

Benzo(g,h,i)perylene

Concen: 1.062 ng/ul

RT: 26.21 min Scan# 3948

Delta R.T. -0.03 min

Lab File: BN000866.D

Acq: 25 Apr 2018 00:19

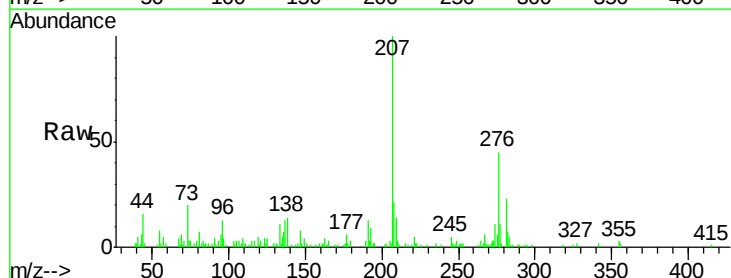
Tgt Ion:276 Resp: 35133

Ion Ratio Lower Upper

276 100

138 30.6 15.3 22.9#

277 25.0 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

