

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
 Data File : BN000851.D
 Acq On : 24 Apr 2018 15:39
 Operator : JU/SJ
 Sample : J2443-18MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 25 07:28:06 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 13:09:24 2018
 Response via : Initial Calibration

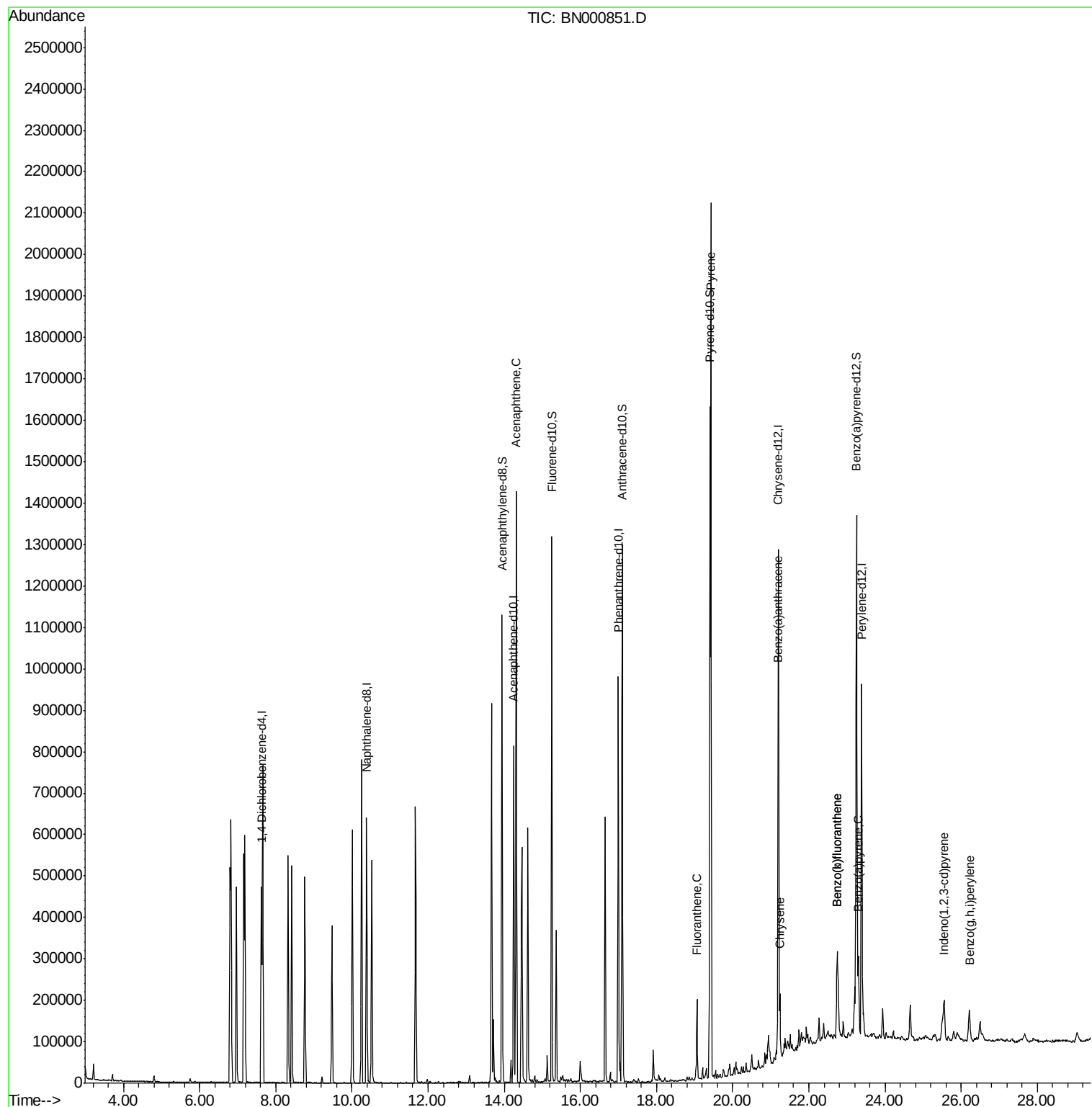
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	117966	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	501520	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	250723	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	509607	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	489320	20.00	ng/ul	0.00
22) Perylene-d12	23.39	264	512669	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	692552	28.76	ng/ul	0.00
10) Fluorene-d10	15.25	176	486833	30.29	ng/ul	0.00
14) Anthracene-d10	17.09	188	684762	29.38	ng/ul	0.00
18) Pyrene-d10	19.40	212	746935	29.79	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.25	264	794946	32.83	ng/ul	0.00
Target Compounds				Ovalue		
9) Acenaphthene	14.32	153	531051	32.251	ng/ul	97
16) Fluoranthene	19.06	202	107526	3.813	ng/ul#	93
19) Pyrene	19.43	202	1118966	35.602	ng/ul#	88
20) Benzo(a)anthracene	21.19	228	86777	2.967	ng/ul	95
21) Chrysene	21.24	228	86453	3.145	ng/ul	97
23) Benzo(b)fluoranthene	22.74	252	205028	7.037	ng/ul#	96
24) Benzo(k)fluoranthene	22.74	252	206702	7.250	ng/ul#	96
26) Benzo(a)pyrene	23.29	252	103171	3.705	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.55	276	78140	2.323	ng/ul#	89
29) Benzo(g,h,i)perylene	26.21	276	78328	2.785	ng/ul#	90

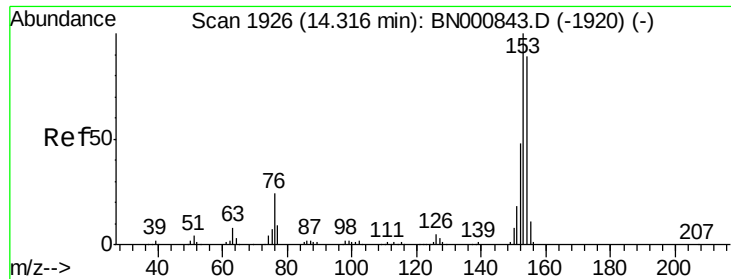
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Acenaphthene

Concen: 32.251 ng/ul

RT: 14.32 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BN000851.D

Acq: 24 Apr 2018 15:39

Instrument :

BNA_N

ClientSampled :

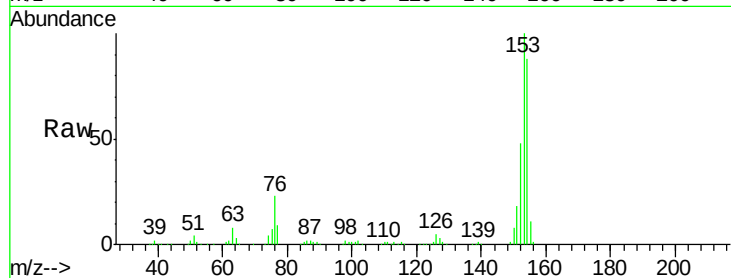
Tot Ion:153 Resp: 531051

Ion Ratio Lower Upper

153 100

152 48.1 39.0 58.6

154 87.9 66.8 100.2

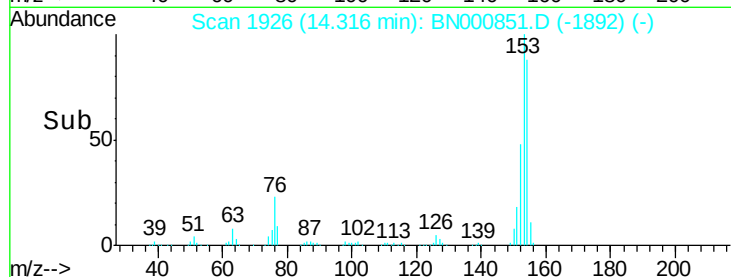


Abundance Ion 153.00 (152.70 to 153.70): E

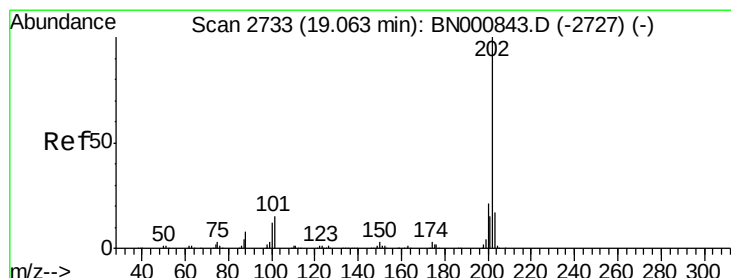
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

Time--> 14.25 14.30 14.35



Time--> 14.25 14.30 14.35



#16

Fluoranthene

Concen: 3.813 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. 0.00 min

Lab File: BN000851.D

Acq: 24 Apr 2018 15:39

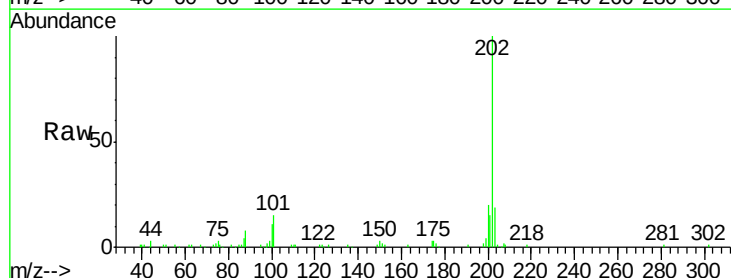
Tgt Ion:202 Resp: 107526

Ion Ratio Lower Upper

202 100

101 15.1 9.9 14.9#

100 11.4 7.4 11.0#

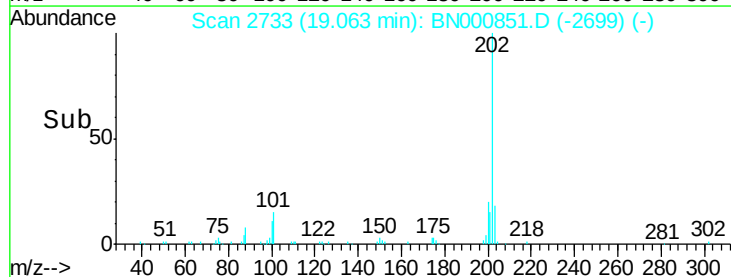


Abundance Ion 202.00 (201.70 to 202.70): E

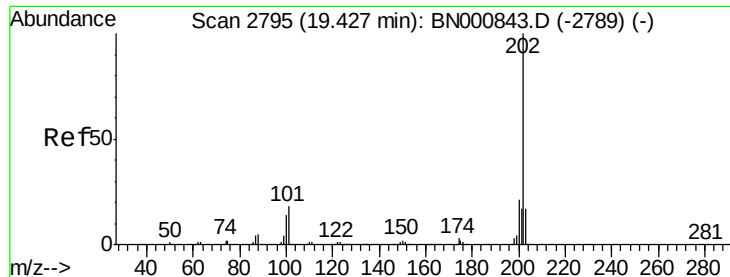
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

Time--> 19.00 19.05 19.10



Time--> 19.00 19.05 19.10



#19

Pvrene

Concen: 35.602 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BN000851.D

Acq: 24 Apr 2018 15:39

Instrument :

BNA_N

ClientSampled :

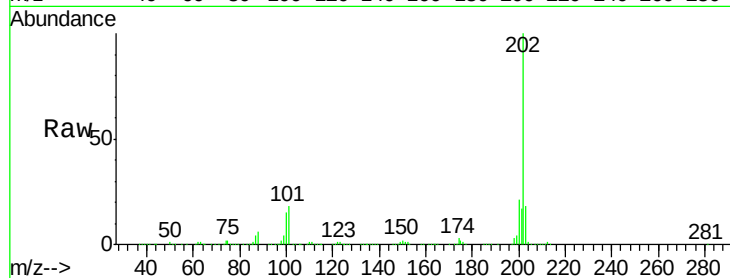
Tot Ion:202 Resp: 1118966

Ion Ratio Lower Upper

202 100

101 18.3 11.0 16.4#

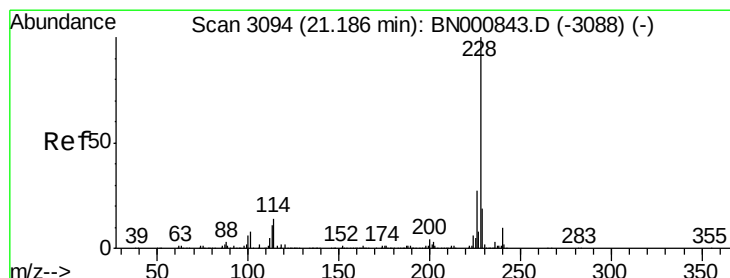
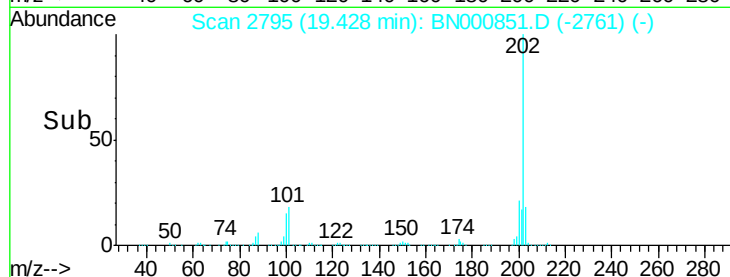
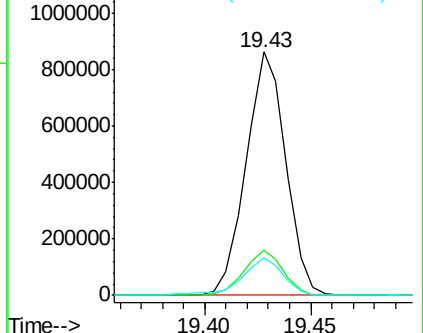
100 15.3 8.1 12.1#



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: 2.967 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BN000851.D

Acq: 24 Apr 2018 15:39

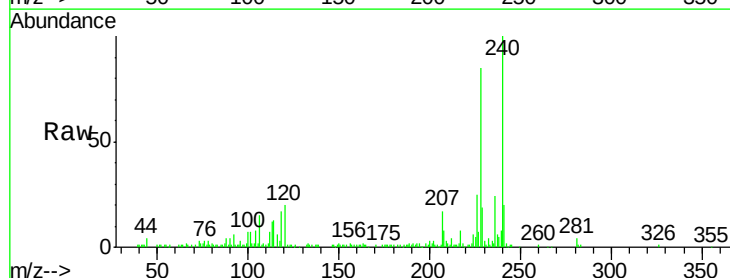
Tgt Ion:228 Resp: 86777

Ion Ratio Lower Upper

228 100

229 22.0 15.7 23.5

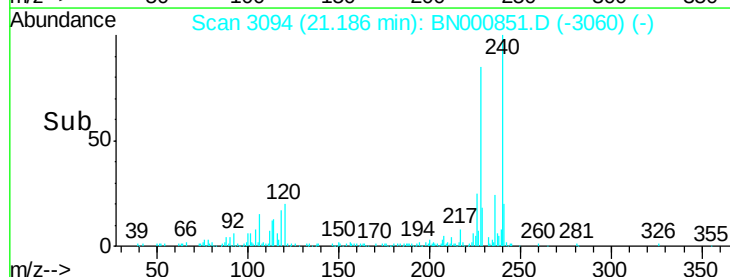
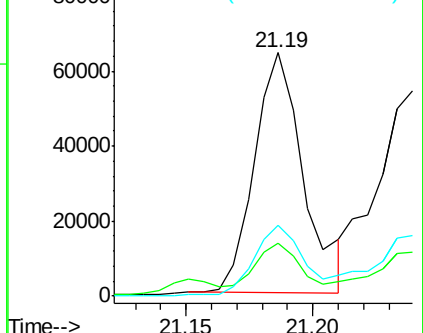
226 29.0 21.1 31.7

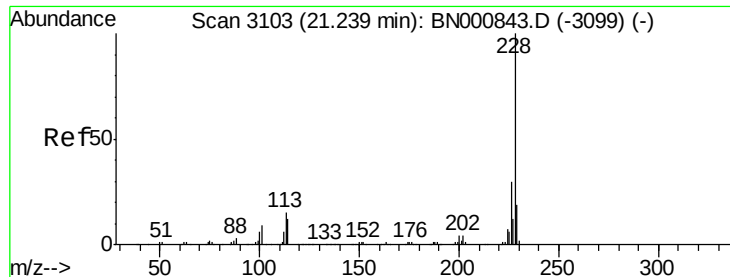


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 3.145 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BN000851.D

Acq: 24 Apr 2018 15:39

Instrument :

BNA_N

ClientSampled :

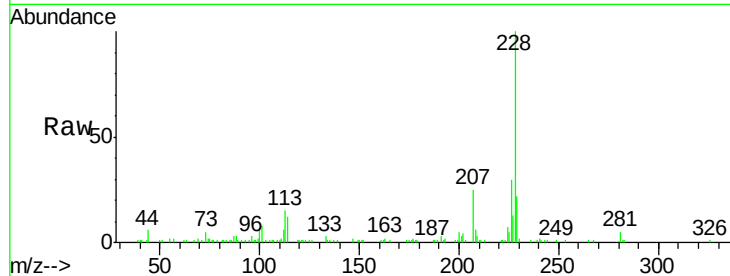
Tot Ion:228 Resp: 86453

Ion Ratio Lower Upper

228 100

226 29.6 24.5 36.7

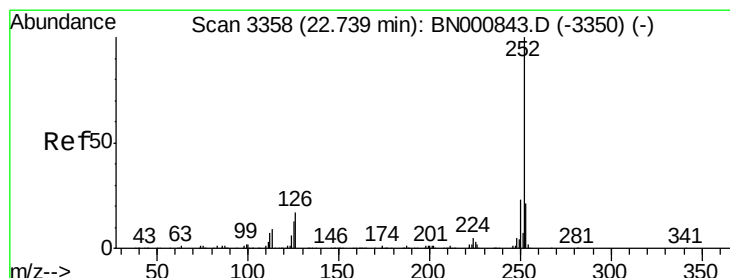
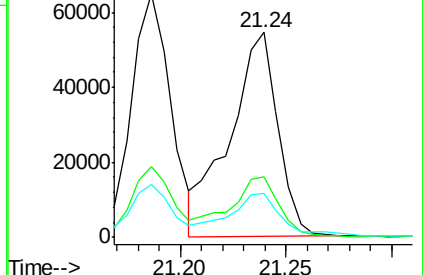
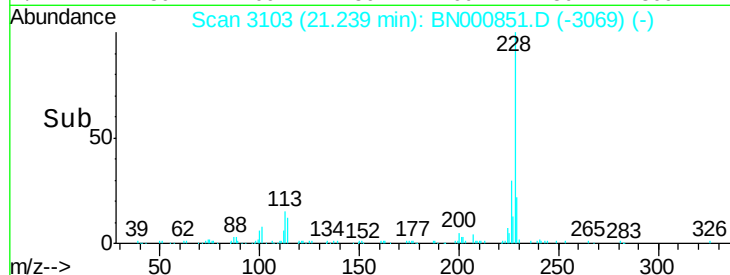
229 21.5 15.8 23.8



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: 7.037 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BN000851.D

Acq: 24 Apr 2018 15:39

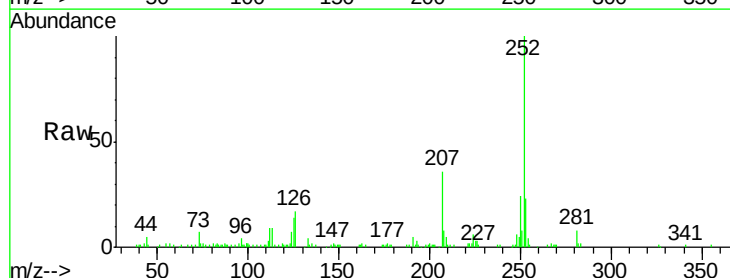
Tgt Ion:252 Resp: 205028

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

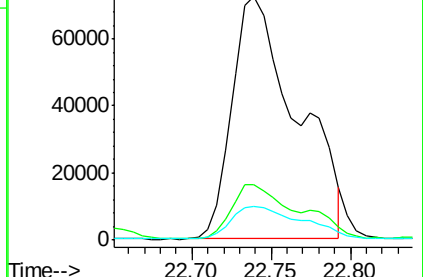
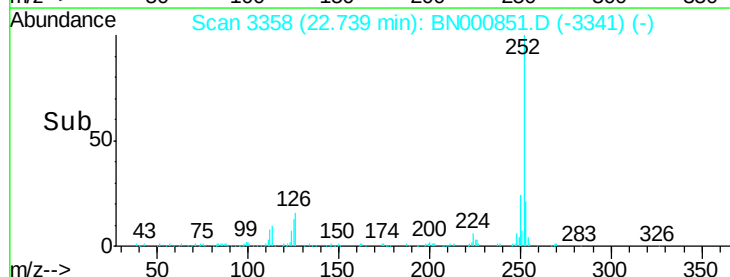
125 14.1 8.0 12.0#

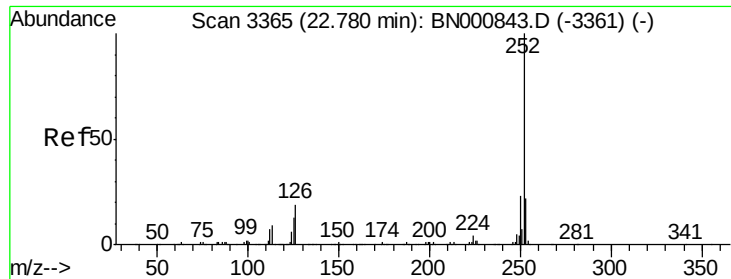


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

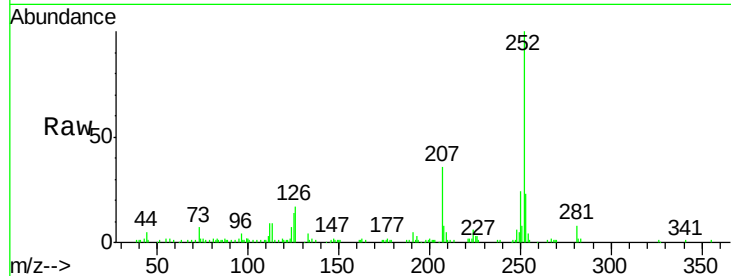




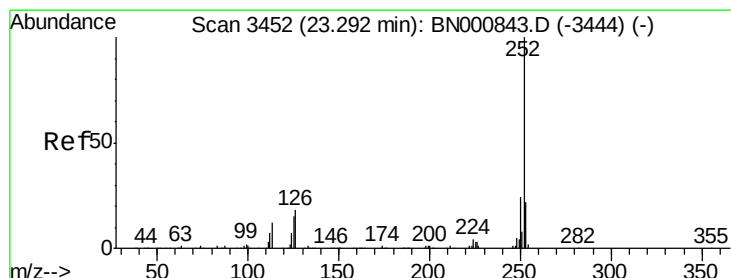
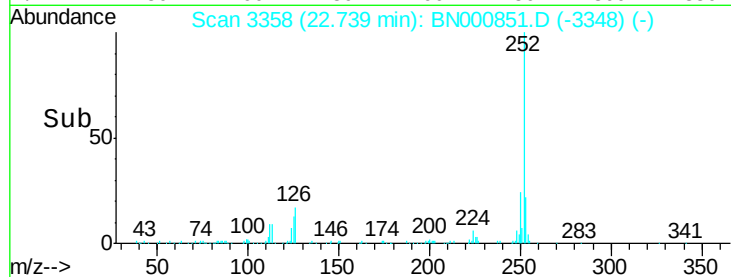
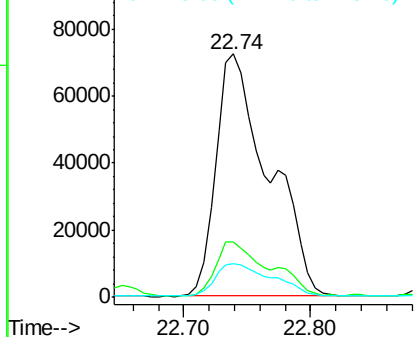
#24
Benzo(k)fluoranthene
Concen: 7.250 ng/ul
RT: 22.74 min Scan# 3358
Delta R.T. -0.04 min
Lab File: BN000851.D
Acq: 24 Apr 2018 15:39

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	14.1	8.1	12.1#

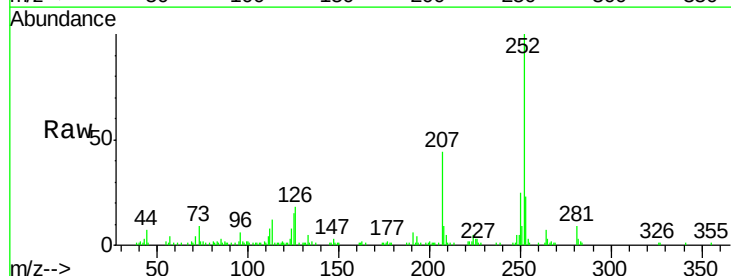


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

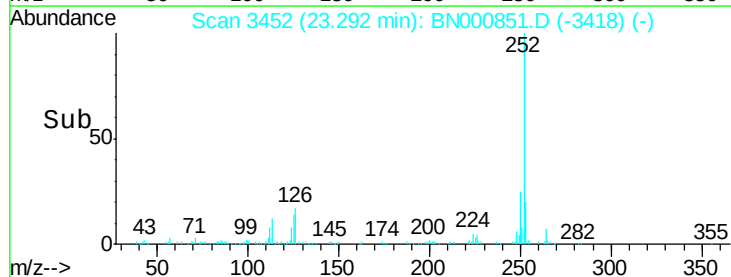
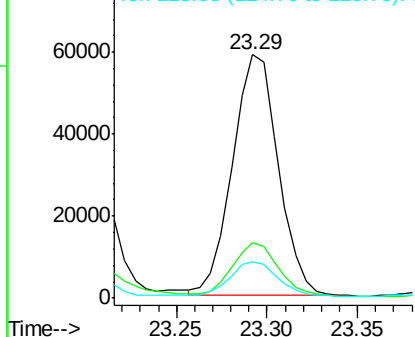


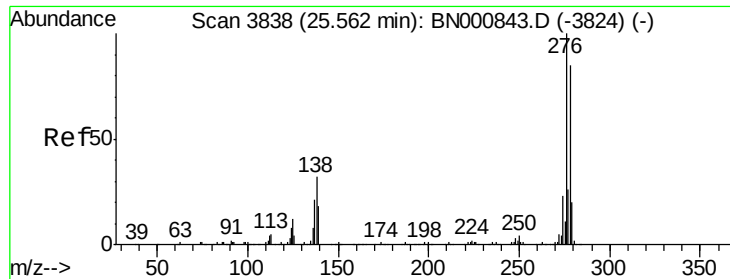
#26
Benzo(a)pyrene
Concen: 3.705 ng/ul
RT: 23.29 min Scan# 3452
Delta R.T. 0.00 min
Lab File: BN000851.D
Acq: 24 Apr 2018 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	14.8	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



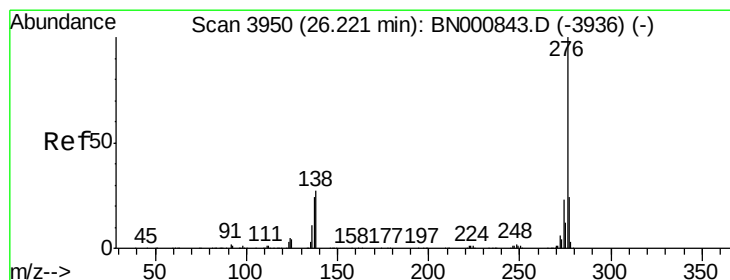
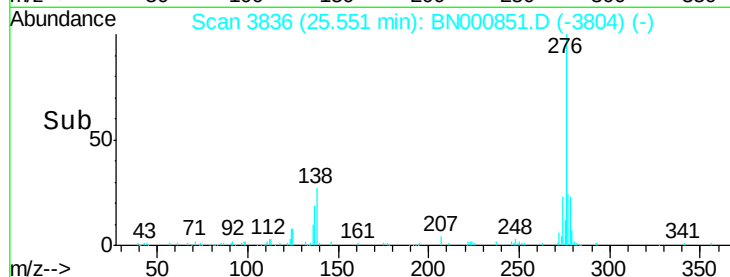
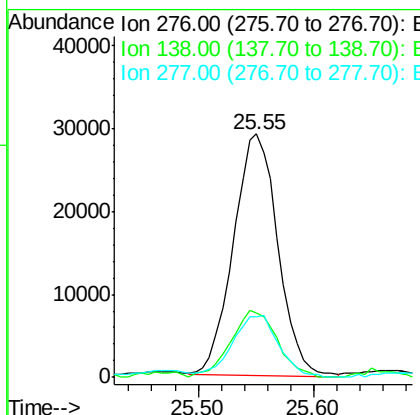
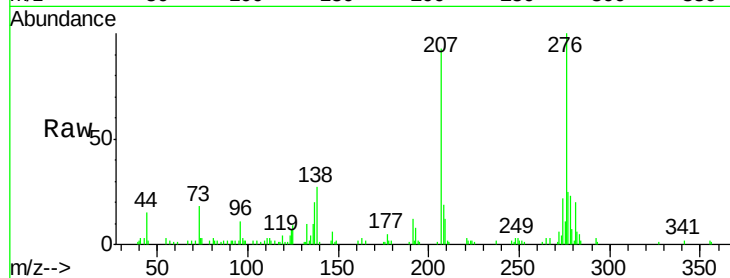


#27

Indeno(1,2,3-cd)pyrene
Concen: 2.323 ng/ul
RT: 25.55 min Scan# 3836
Delta R.T. -0.01 min
Lab File: BN000851.D
Acq: 24 Apr 2018 15:39

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 78140
Ion Ratio Lower Upper
276 100
138 26.7 14.4 21.6#
277 24.8 18.0 27.0



#29

Benzo(g,h,i)perylene
Concen: 2.785 ng/ul
RT: 26.21 min Scan# 3948
Delta R.T. -0.01 min
Lab File: BN000851.D
Acq: 24 Apr 2018 15:39

Tgt Ion:276 Resp: 78328
Ion Ratio Lower Upper
276 100
138 29.1 15.3 22.9#
277 23.3 19.0 28.4

