

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
 Data File : BN000849.D
 Acq On : 24 Apr 2018 14:30
 Operator : JU/SJ
 Sample : J2443-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 25 07:27:39 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

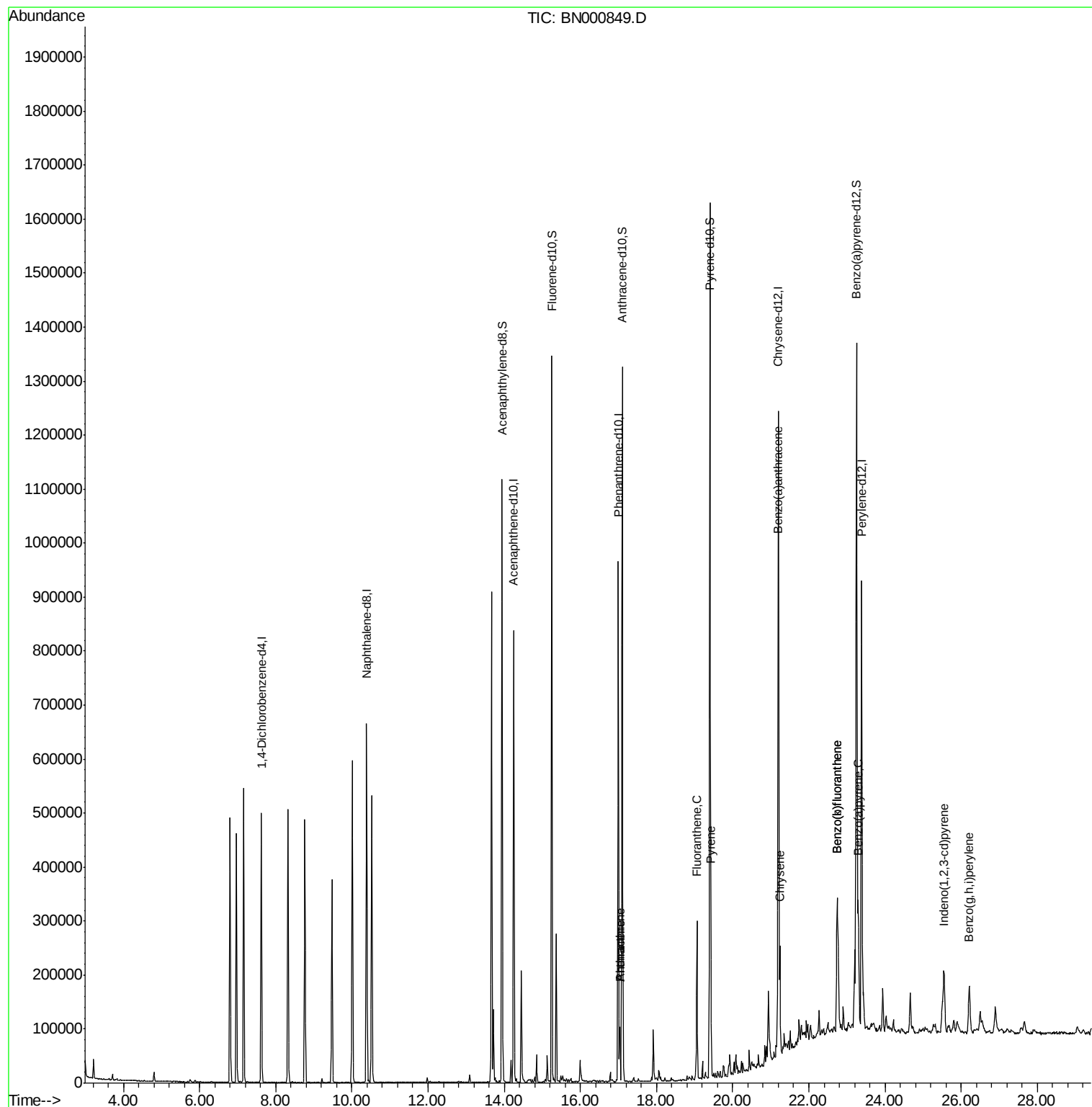
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	125167	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	527253	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	259712	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	509895	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	485946	20.00	ng/ul	0.00
22) Perylene-d12	23.39	264	503947	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	691683	27.73	ng/ul	0.00
10) Fluorene-d10	15.25	176	484614	29.11	ng/ul	0.00
14) Anthracene-d10	17.09	188	668455	28.67	ng/ul	0.00
18) Pyrene-d10	19.40	212	712483	28.61	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.25	264	764081	32.10	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	57235	2.058	ng/ul	100
15) Anthracene	17.04	178	57235	2.052	ng/ul	99
16) Fluoranthene	19.06	202	156566	5.549	ng/ul#	95
19) Pyrene	19.43	202	168479	5.398	ng/ul#	91
20) Benzo(a)anthracene	21.19	228	111944	3.854	ng/ul	95
21) Chrysene	21.24	228	107310	3.930	ng/ul	98
23) Benzo(b)fluoranthene	22.74	252	200883	7.014	ng/ul#	97
24) Benzo(k)fluoranthene	22.74	252	254118	9.068	ng/ul#	97
26) Benzo(a)pyrene	23.29	252	132448	4.839	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.55	276	97226	2.941	ng/ul#	89
29) Benzo(g,h,i)perylene	26.21	276	94470	3.417	ng/ul#	89

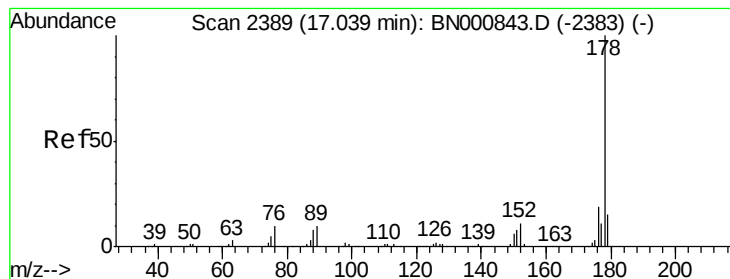
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 2.058 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BN000849.D

Acq: 24 Apr 2018 14:30

Instrument :

BNA_N

ClientSampled :

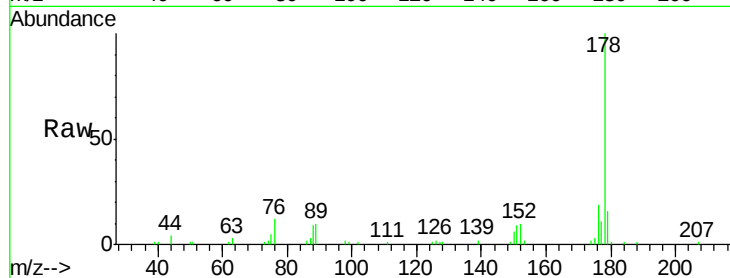
Tot Ion:178 Resp: 57235

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

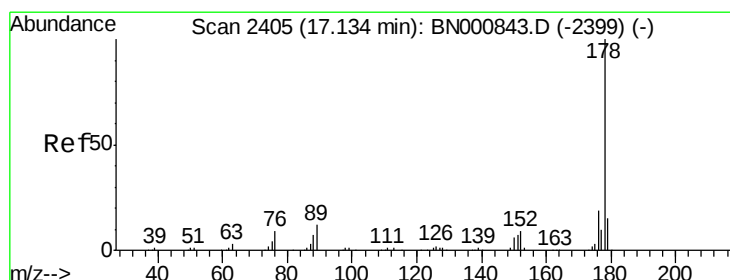
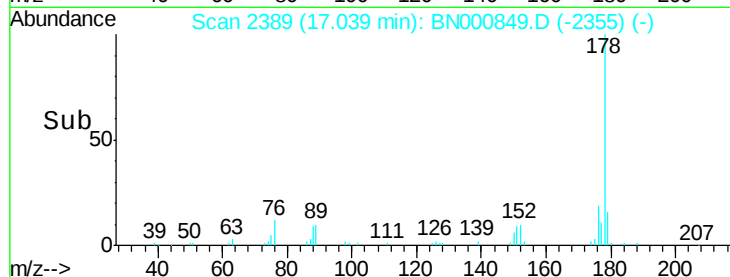
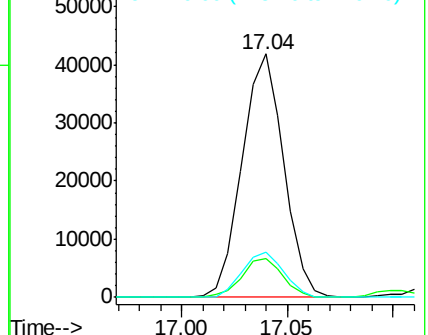
176 18.8 15.1 22.7



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: 2.052 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.09 min

Lab File: BN000849.D

Acq: 24 Apr 2018 14:30

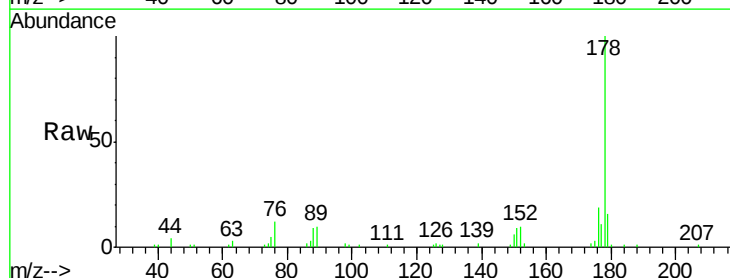
Tgt Ion:178 Resp: 57235

Ion Ratio Lower Upper

178 100

179 15.7 11.8 17.8

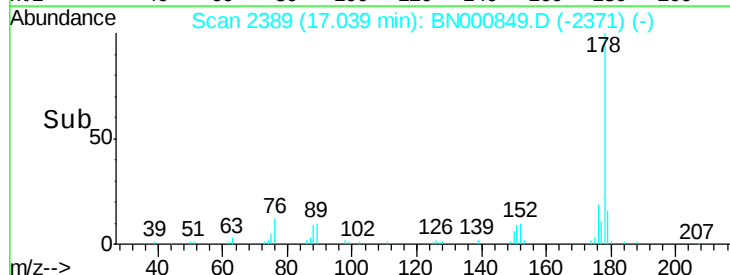
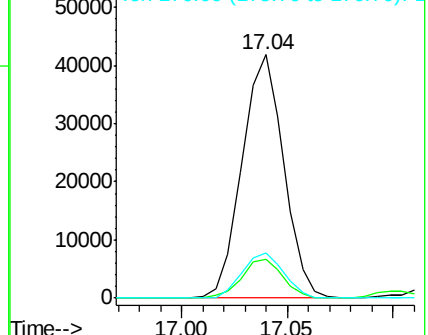
176 18.8 15.2 22.8

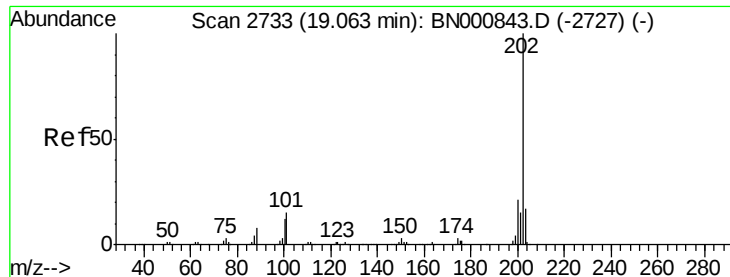


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#16

Fluoranthene

Concen: 5.549 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. 0.00 min

Lab File: BN000849.D

Acq: 24 Apr 2018 14:30

Instrument :

BNA_N

ClientSampleId :

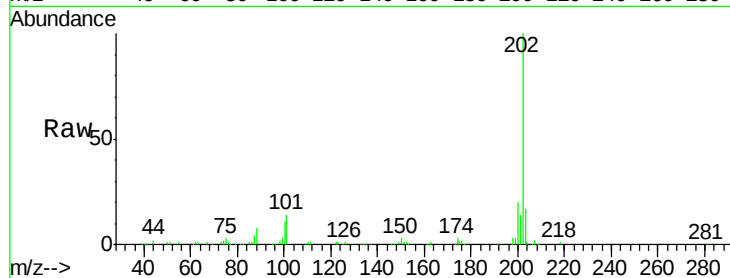
Tot Ion:202 Resp: 156566

Ion Ratio Lower Upper

202 100

101 14.1 9.9 14.9

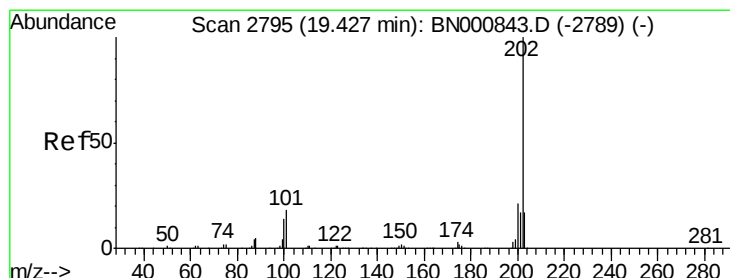
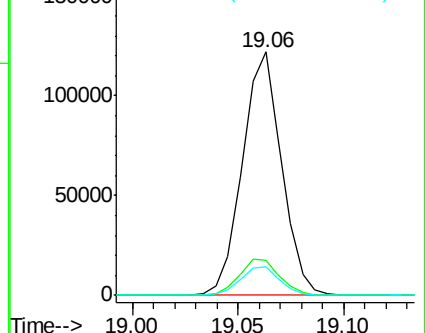
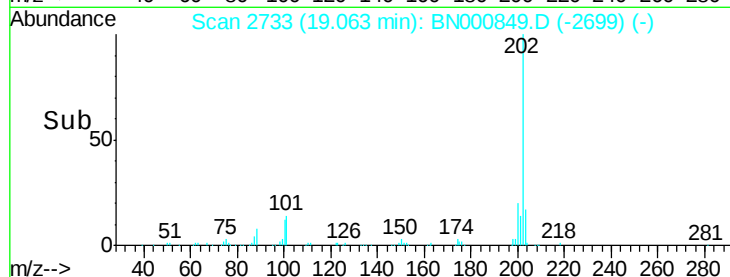
100 11.5 7.4 11.0#



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: 5.398 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BN000849.D

Acq: 24 Apr 2018 14:30

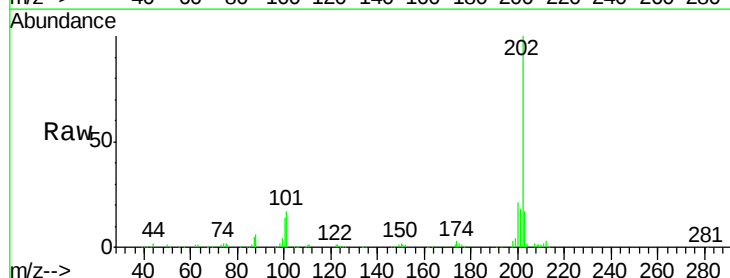
Tgt Ion:202 Resp: 168479

Ion Ratio Lower Upper

202 100

101 16.9 11.0 16.4#

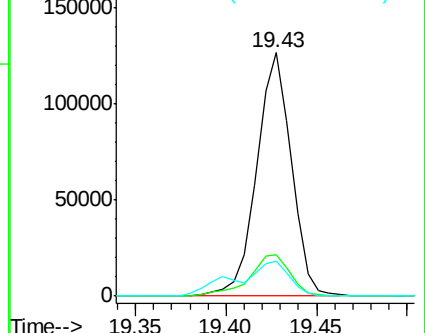
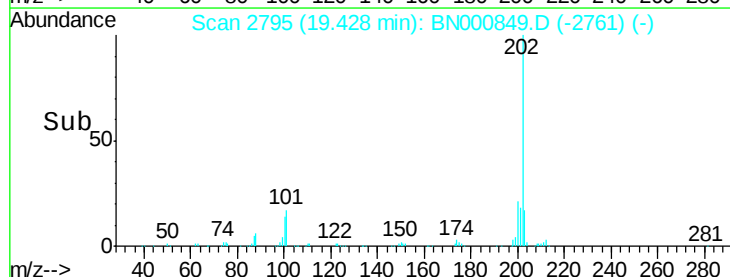
100 14.3 8.1 12.1#

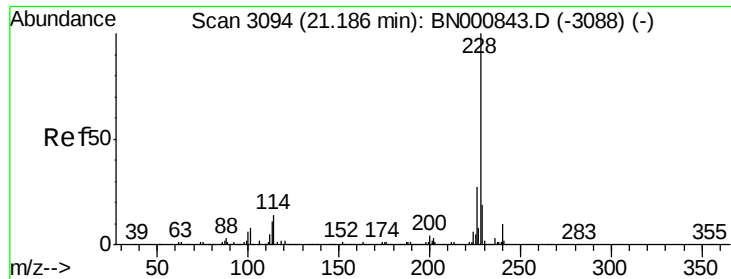


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

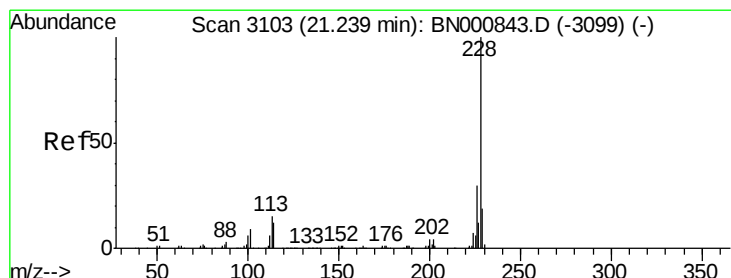
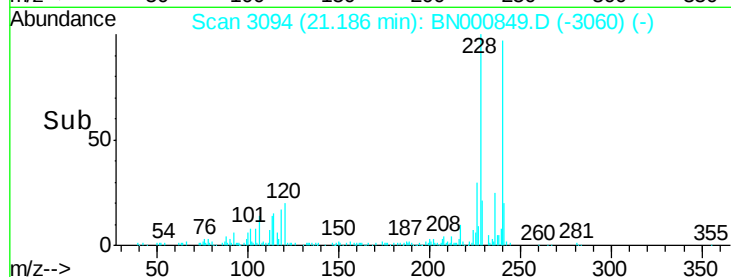
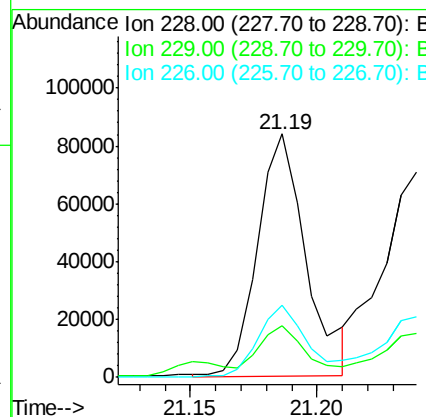
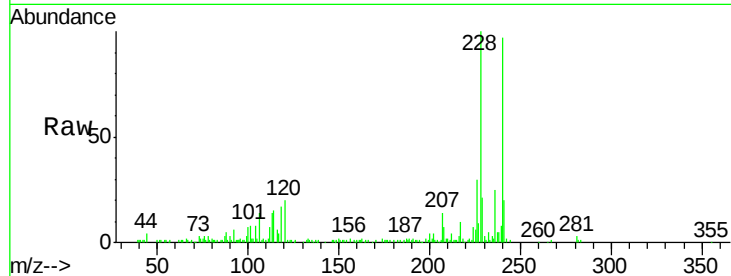




#20
Benzo(a)anthracene
Concen: 3.854 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BN000849.D
Acq: 24 Apr 2018 14:30

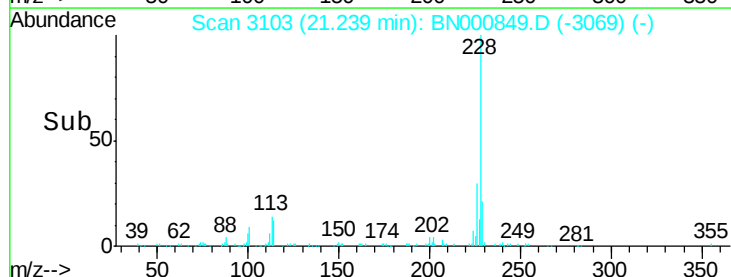
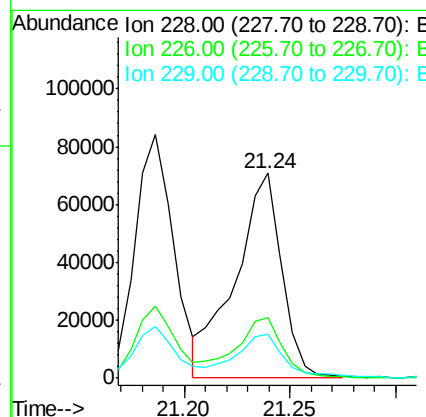
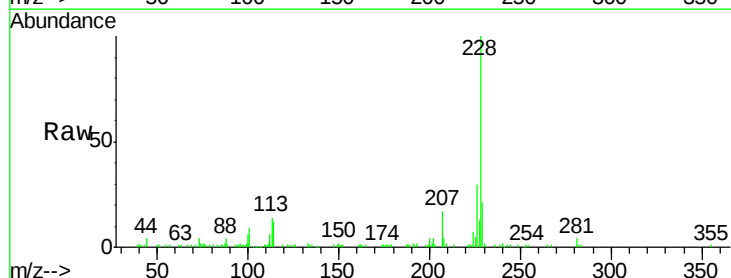
Instrument :
BNA_N
ClientSampleId :

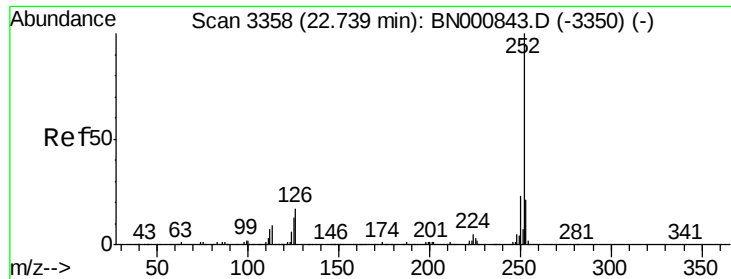
Tot Ion:228 Resp: 111944
Ion Ratio Lower Upper
228 100
229 21.5 15.7 23.5
226 29.7 21.1 31.7



#21
Chrysene
Concen: 3.930 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BN000849.D
Acq: 24 Apr 2018 14:30

Tgt Ion:228 Resp: 107310
Ion Ratio Lower Upper
228 100
226 29.6 24.5 36.7
229 21.4 15.8 23.8





#23

Benzo(b)fluoranthene

Concen: 7.014 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BN000849.D

Acq: 24 Apr 2018 14:30

Instrument :

BNA_N

ClientSampled :

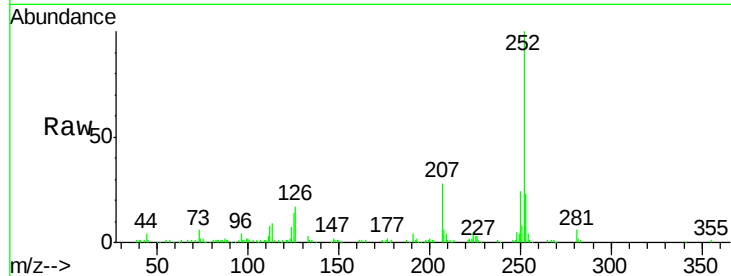
Tot Ion:252 Resp: 200883

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

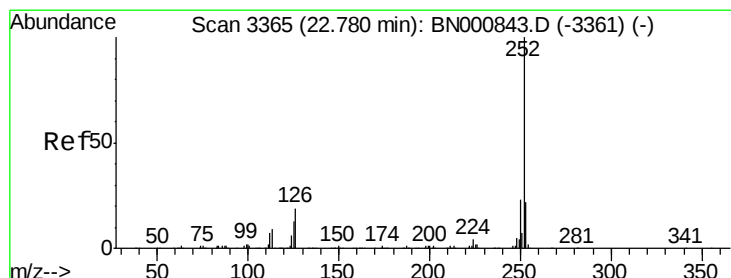
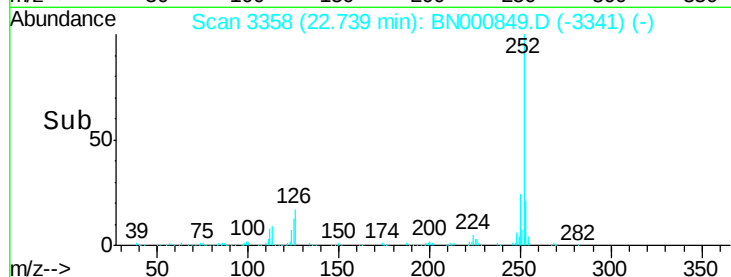
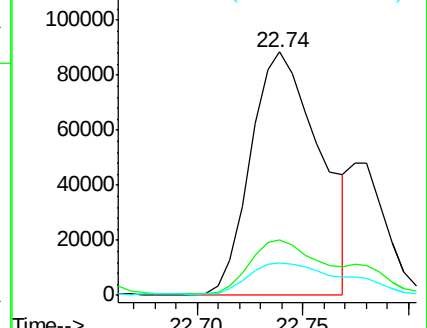
125 13.5 8.0 12.0#



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: 9.068 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. -0.04 min

Lab File: BN000849.D

Acq: 24 Apr 2018 14:30

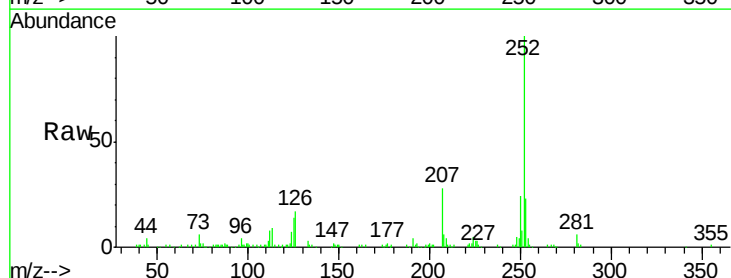
Tgt Ion:252 Resp: 254118

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

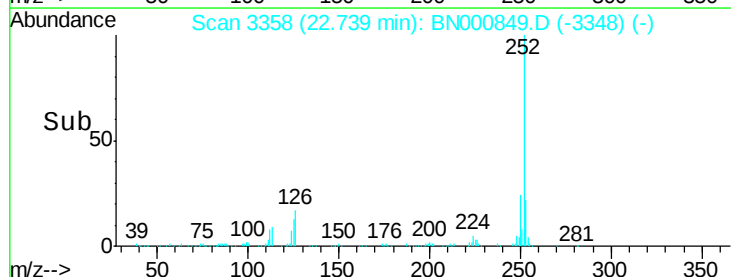
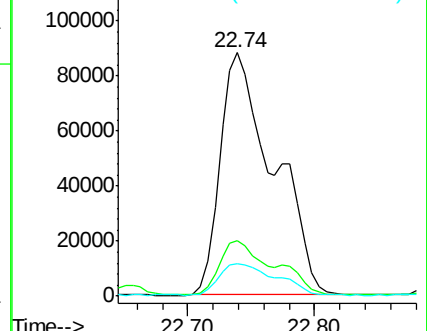
125 13.5 8.1 12.1#

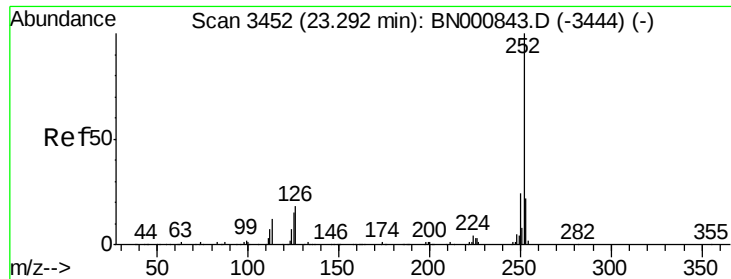


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

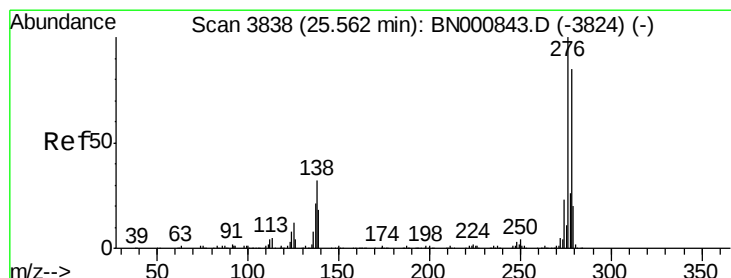
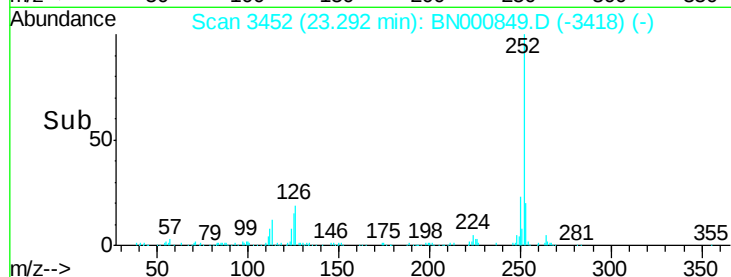
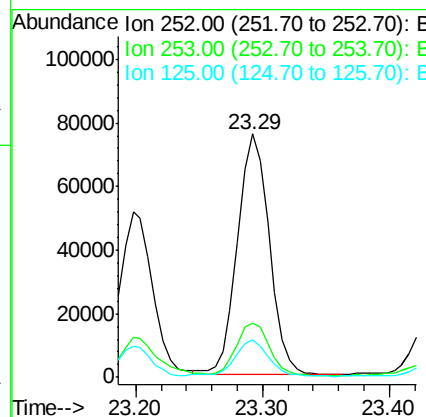
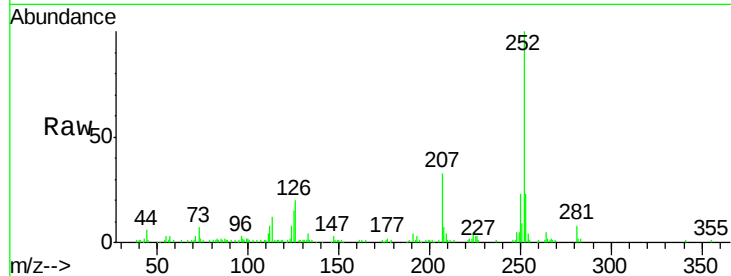




#26
Benzo(a)pyrene
Concen: 4.839 ng/ul
RT: 23.29 min Scan# 3452
Delta R.T. 0.00 min
Lab File: BN000849.D
Acq: 24 Apr 2018 14:30

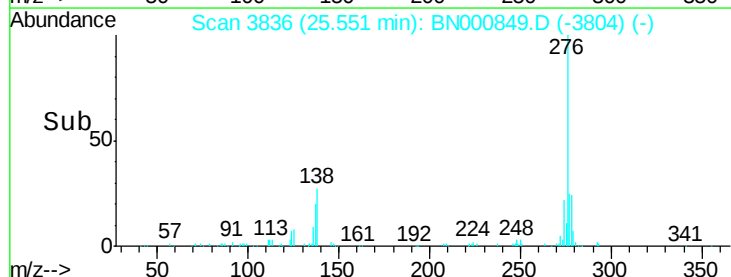
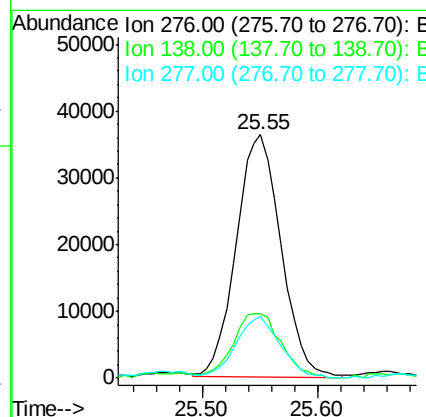
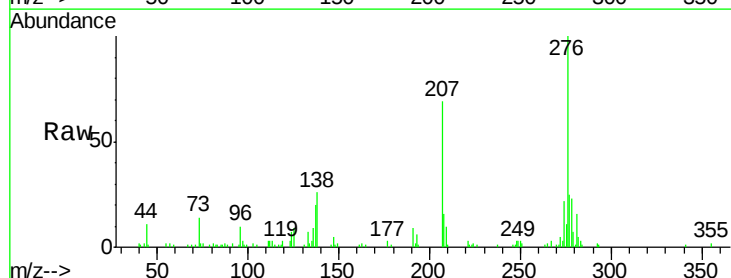
Instrument :
BNA_N
ClientSampled :

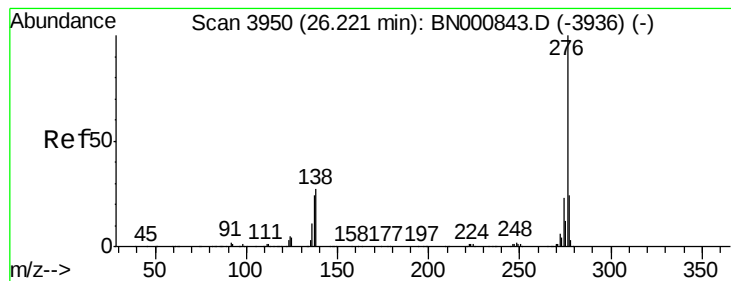
Tot Ion:252 Resp: 132448
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 15.3 8.2 12.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.941 ng/ul
RT: 25.55 min Scan# 3836
Delta R.T. -0.01 min
Lab File: BN000849.D
Acq: 24 Apr 2018 14:30

Tgt Ion:276 Resp: 97226
Ion Ratio Lower Upper
276 100
138 26.3 14.4 21.6#
277 25.2 18.0 27.0





#29

Benzo(a,h,i)perylene

Concen: 3.417 ng/ul

RT: 26.21 min Scan# 3948

Delta R.T. -0.01 min

Lab File: BN000849.D

Acq: 24 Apr 2018 14:30

Instrument :

BNA_N

ClientSampleId :

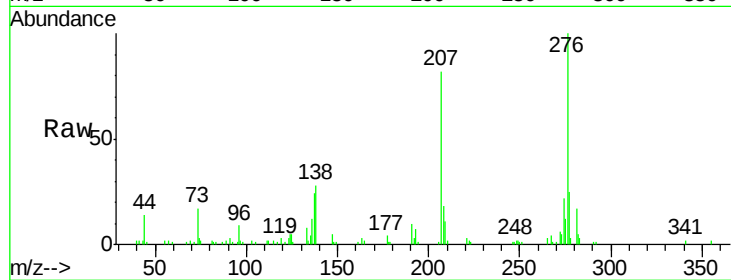
Tot Ion:276 Resp: 94470

Ion Ratio Lower Upper

276 100

138 27.9 15.3 22.9#

277 25.3 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

