

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
 Data File : BN000879.D
 Acq On : 25 Apr 2018 07:49
 Operator : JU/SJ
 Sample : J2444-08
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 25 08:38:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 25 08:30:17 2018
 Response via : Initial Calibration

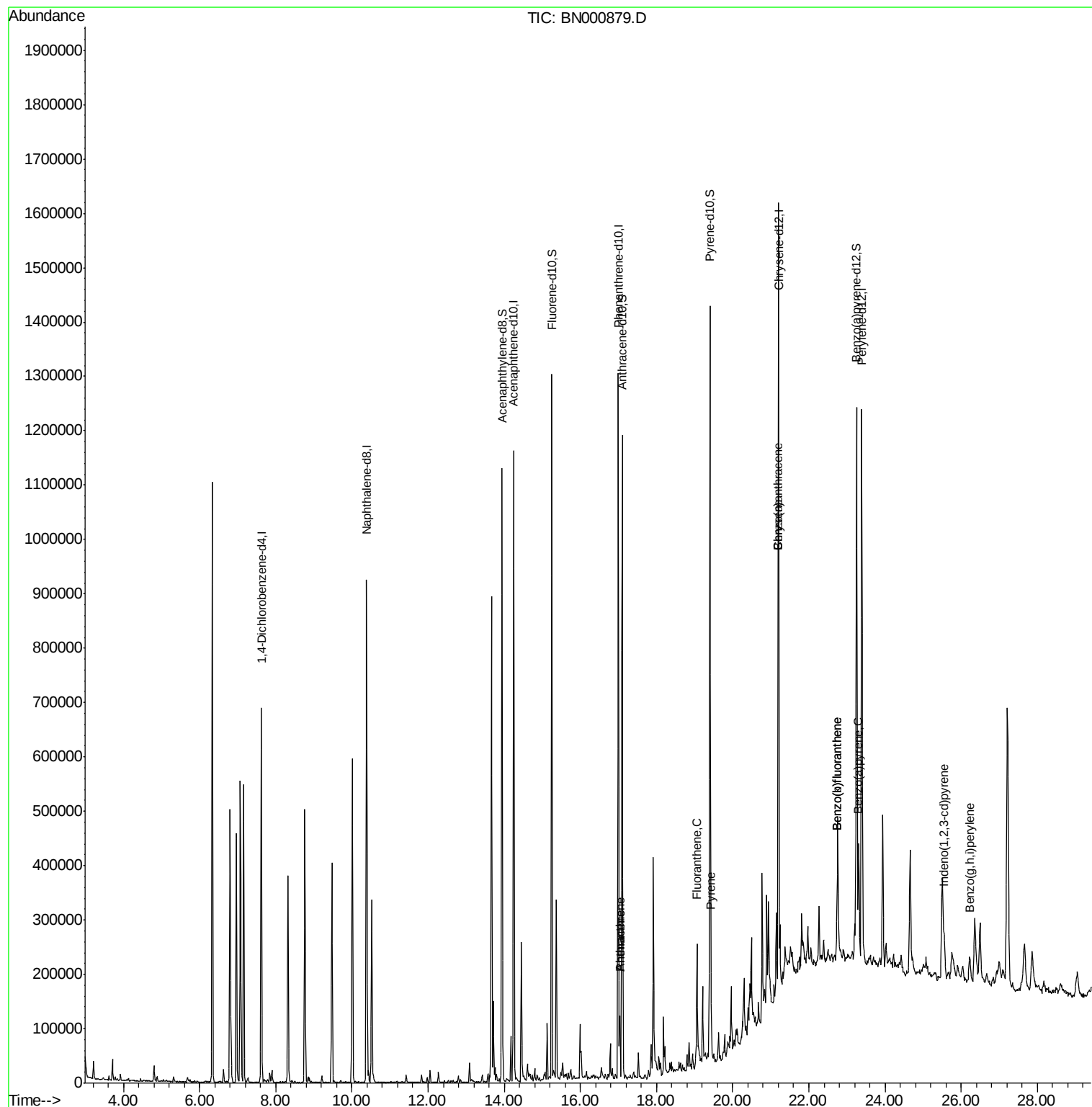
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	169900	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	721771	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	352582	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	670939	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	594872	20.00	ng/ul	0.00
22) Perylene-d12	23.39	264	629031	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	691031	20.41	ng/ul	0.00
10) Fluorene-d10	15.25	176	467284	20.67	ng/ul	0.00
14) Anthracene-d10	17.10	188	624101	20.34	ng/ul	0.00
18) Pyrene-d10	19.40	212	639300	20.97	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.25	264	666474	22.43	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	62647	1.712	ng/ul	99
15) Anthracene	17.04	178	62647	1.707	ng/ul	98
16) Fluoranthene	19.06	202	108496	2.922	ng/ul#	94
19) Pyrene	19.43	202	94452	2.472	ng/ul#	89
20) Benzo(a)anthracene	21.19	228	55097	1.549	ng/ul	93
21) Chrysene	21.19	228	50136	1.500	ng/ul	97
23) Benzo(b)fluoranthene	22.74	252	106133	2.969	ng/ul#	95
24) Benzo(k)fluoranthene	22.74	252	108369	3.098	ng/ul#	95
26) Benzo(a)pyrene	23.30	252	52639	1.541	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.56	276	42582	1.032	ng/ul#	84
29) Benzo(g,h,i)perylene	26.22	276	47915	1.388	ng/ul#	89

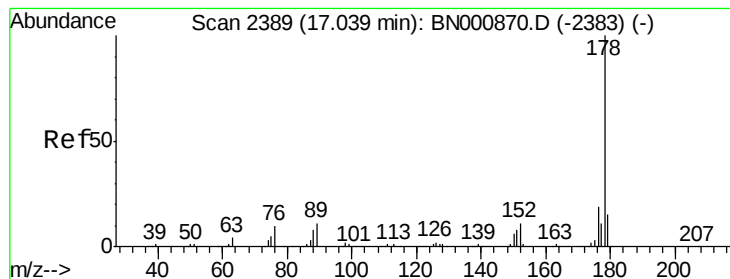
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.712 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BN000879.D

Acq: 25 Apr 2018 07:49

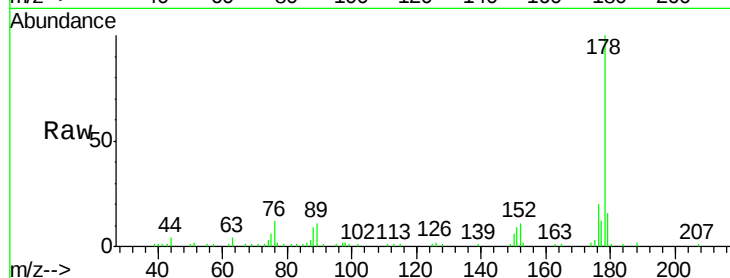
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 62647

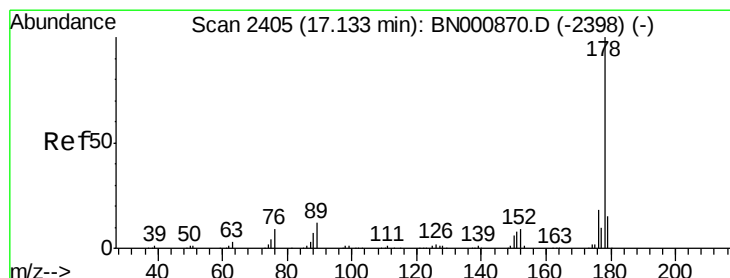
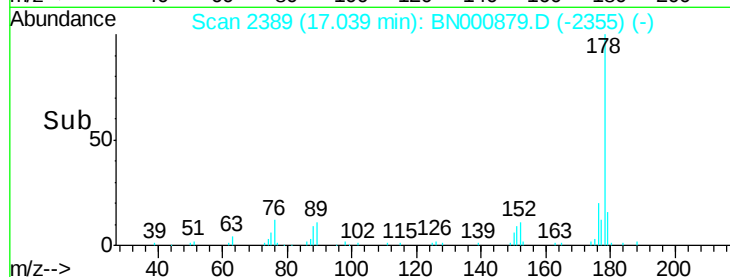
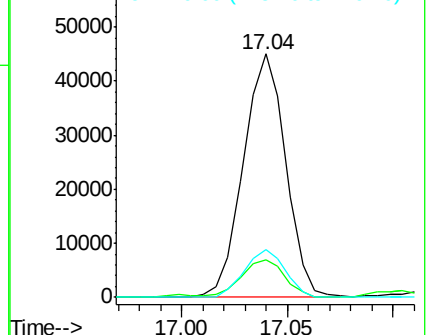
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.8	15.1	22.7



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: 1.707 ng/ul

RT: 17.04 min Scan# 2389

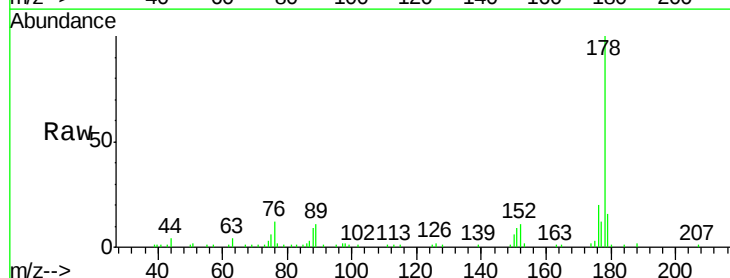
Delta R.T. -0.09 min

Lab File: BN000879.D

Acq: 25 Apr 2018 07:49

Tgt Ion:178 Resp: 62647

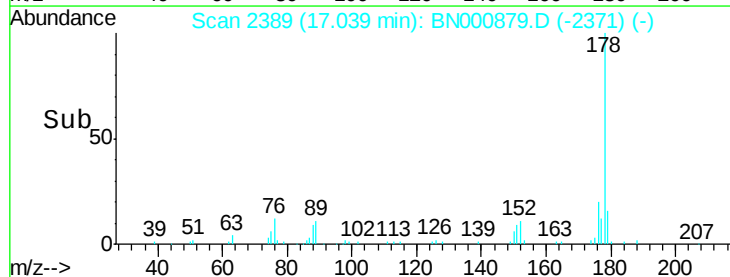
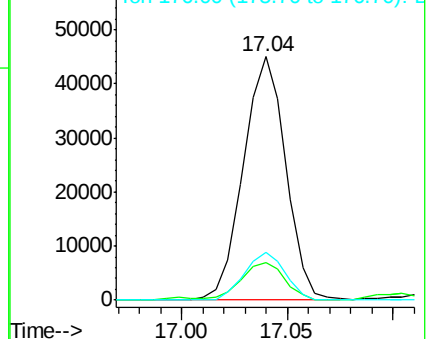
Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	19.8	15.2	22.8

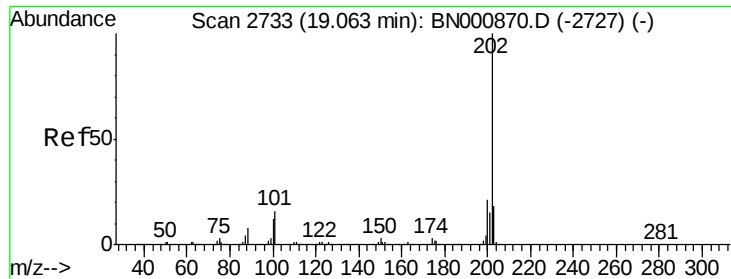


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

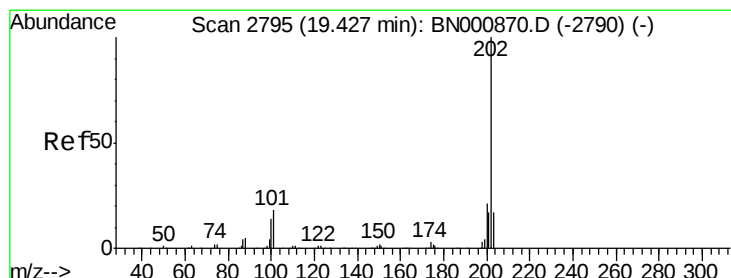
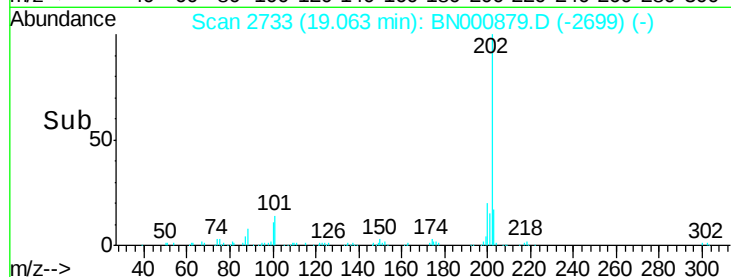
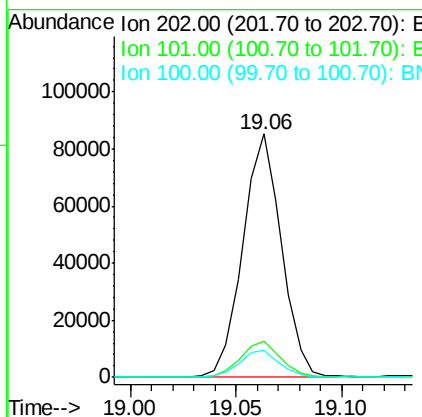
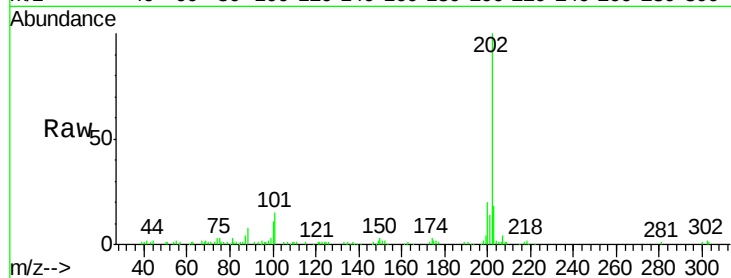




#16
Fluoranthene
 Concen: 2.922 ng/ul
 RT: 19.06 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: BN000879.D
 Acq: 25 Apr 2018 07:49

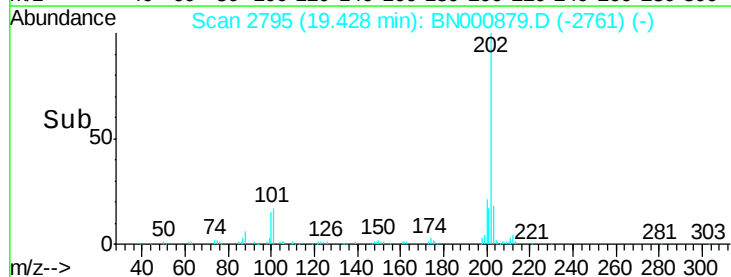
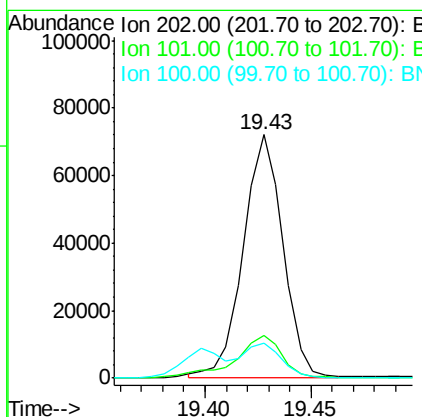
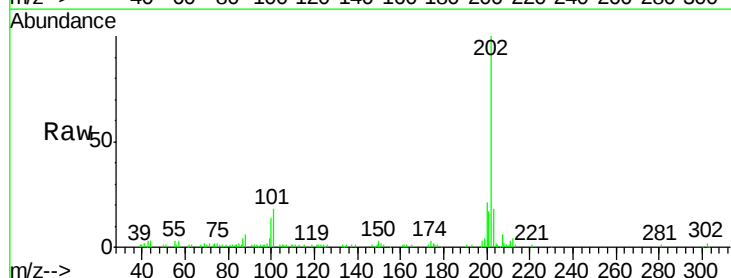
Instrument :
 BNA_N
 ClientSampleId :

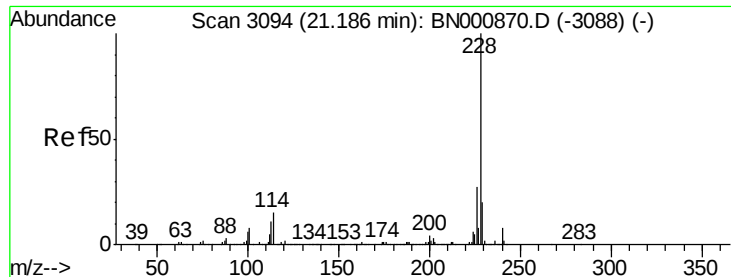
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.8	9.9	14.9
100	11.1	7.4	11.0



#19
Pyrene
 Concen: 2.472 ng/ul
 RT: 19.43 min Scan# 2795
 Delta R.T. 0.00 min
 Lab File: BN000879.D
 Acq: 25 Apr 2018 07:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.7	11.0	16.4
100	14.3	8.1	12.1





#20

Benzo(a)anthracene

Concen: 1.549 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BN000879.D

Acq: 25 Apr 2018 07:49

Instrument :

BNA_N

ClientSampleId :

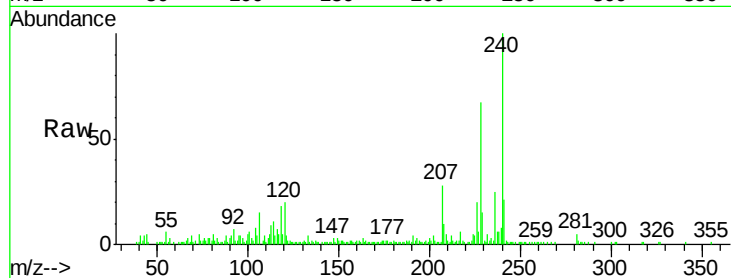
Tot Ion:228 Resp: 55097

Ion Ratio Lower Upper

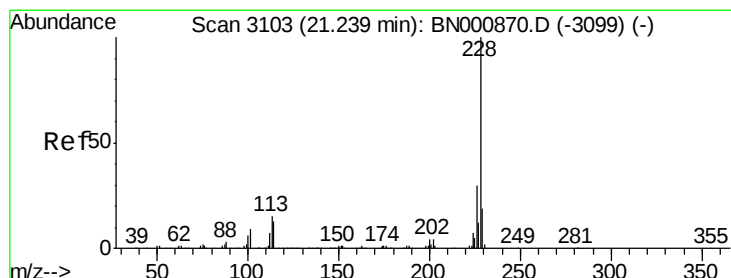
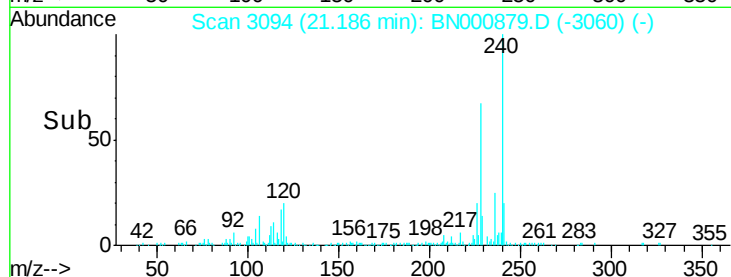
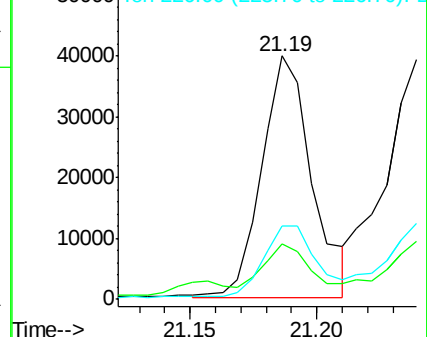
228 100

229 22.9 15.7 23.5

226 30.0 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: 1.500 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. -0.05 min

Lab File: BN000879.D

Acq: 25 Apr 2018 07:49

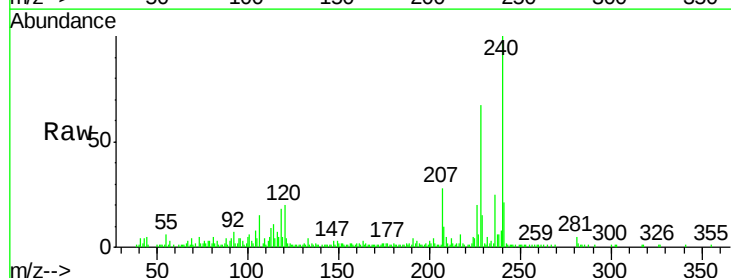
Tgt Ion:228 Resp: 50136

Ion Ratio Lower Upper

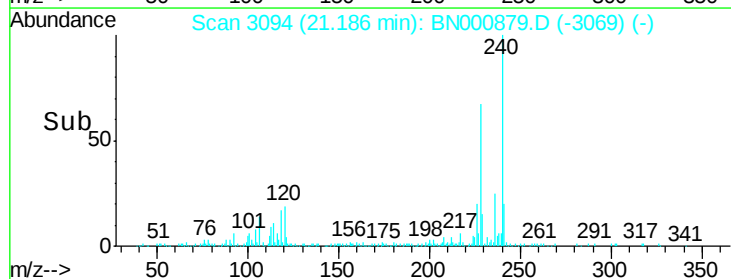
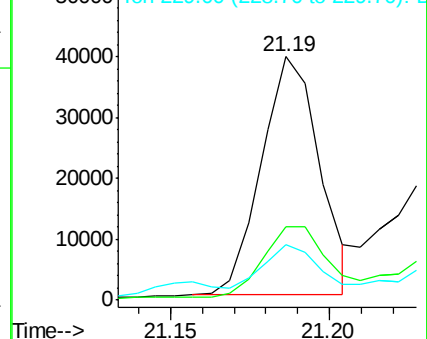
228 100

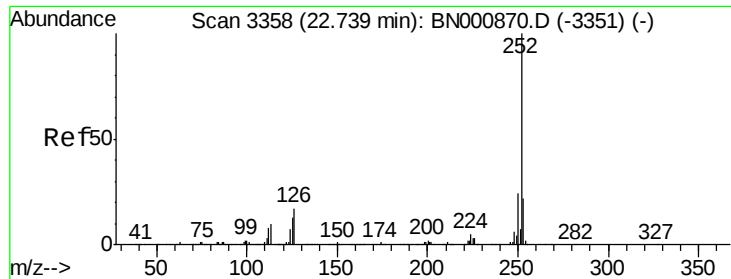
226 30.0 24.5 36.7

229 22.9 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: 2.969 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BN000879.D

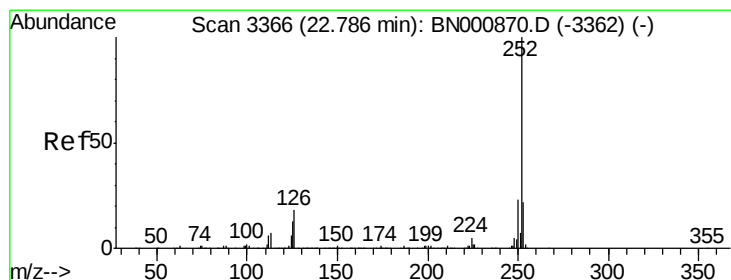
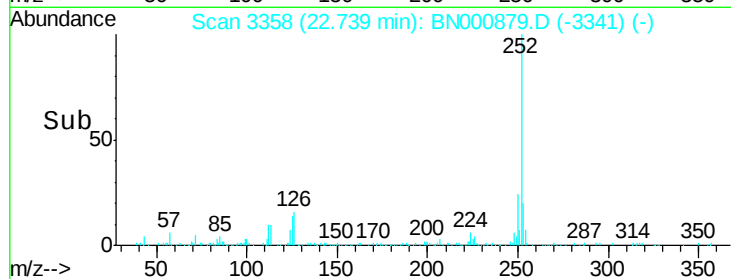
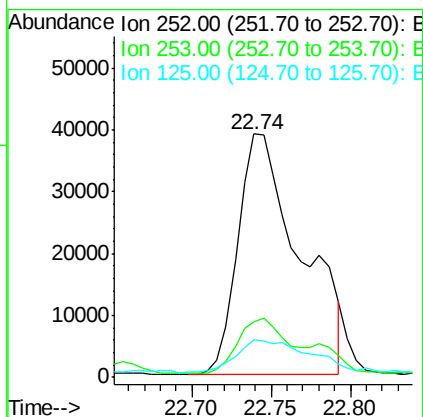
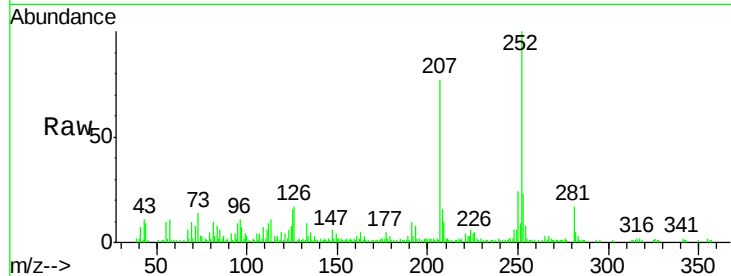
Acq: 25 Apr 2018 07:49

Instrument :

BNA_N

ClientSampleId :

Tot Ion:252	Resp:	106133
Ion Ratio	Lower	Upper
252	100	
253	22.5	18.0 27.0
125	15.6	8.0 12.0#



#24

Benzo(k)fluoranthene

Concen: 3.098 ng/ul

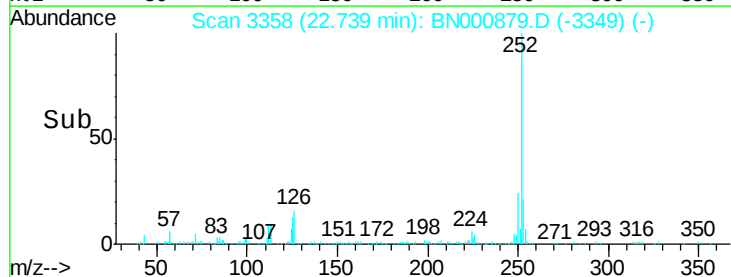
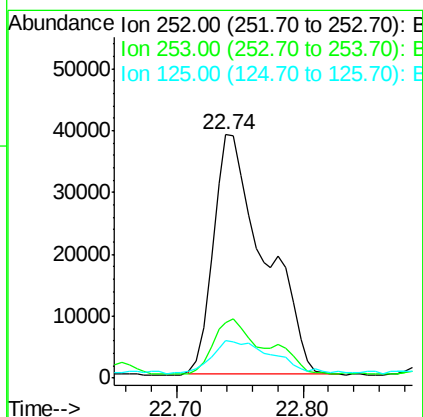
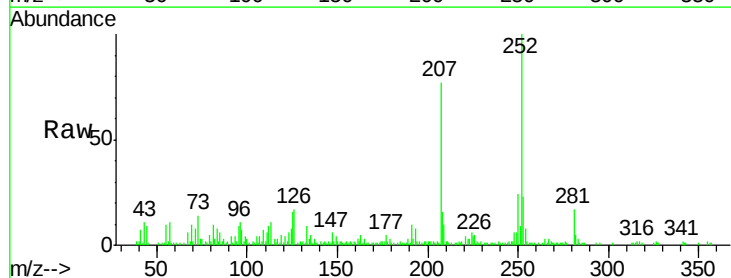
RT: 22.74 min Scan# 3358

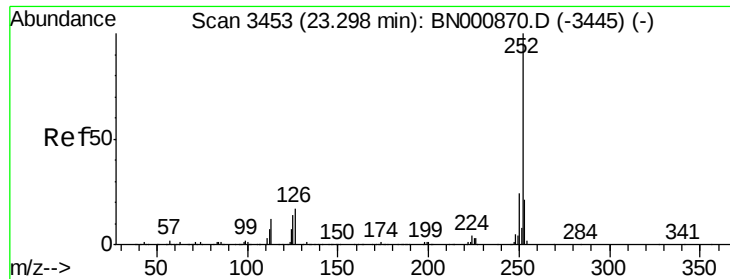
Delta R.T. -0.05 min

Lab File: BN000879.D

Acq: 25 Apr 2018 07:49

Tgt Ion:252	Resp:	108369
Ion Ratio	Lower	Upper
252	100	
253	22.5	18.0 27.0
125	15.6	8.1 12.1#





#26

Benzo(a)pyrene

Concen: 1.541 ng/uL

RT: 23.30 min Scan# 3453

Delta R.T. 0.00 min

Lab File: BN000879.D

Acq: 25 Apr 2018 07:49

Instrument :

BNA_N

ClientSampleId :

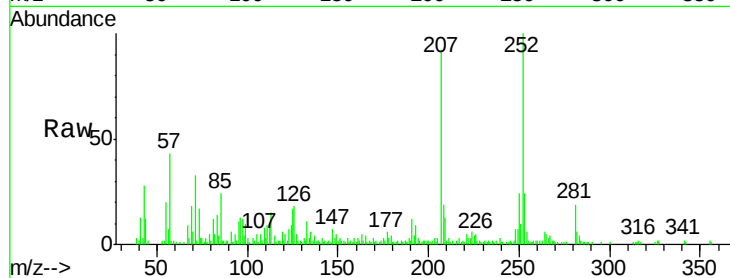
Tot Ion:252 Resp: 52639

Ion Ratio Lower Upper

252 100

253 24.1 17.2 25.8

125 16.9 8.2 12.4#

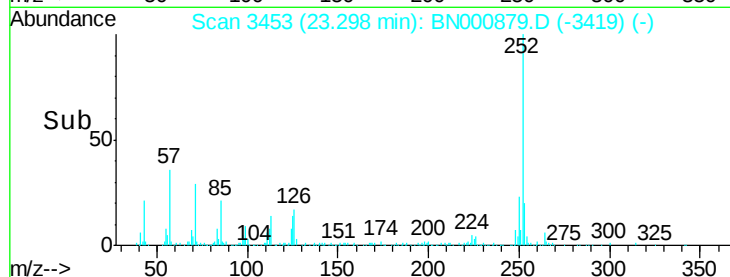


Abundance Ion 252.00 (251.70 to 252.70): E

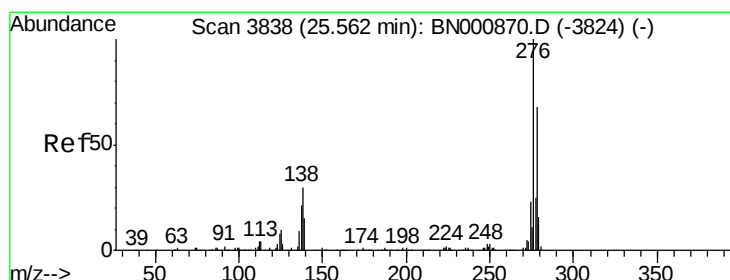
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



Time-->



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.032 ng/uL

RT: 25.56 min Scan# 3837

Delta R.T. -0.01 min

Lab File: BN000879.D

Acq: 25 Apr 2018 07:49

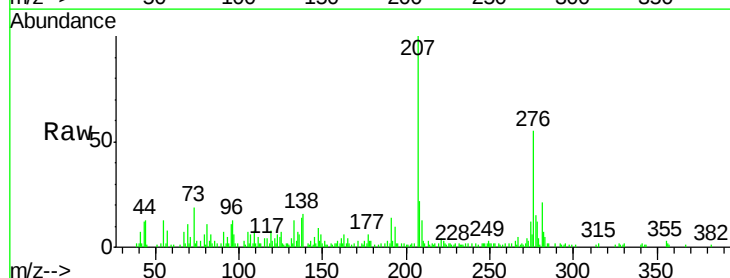
Tgt Ion:276 Resp: 42582

Ion Ratio Lower Upper

276 100

138 28.5 14.4 21.6#

277 26.9 18.0 27.0

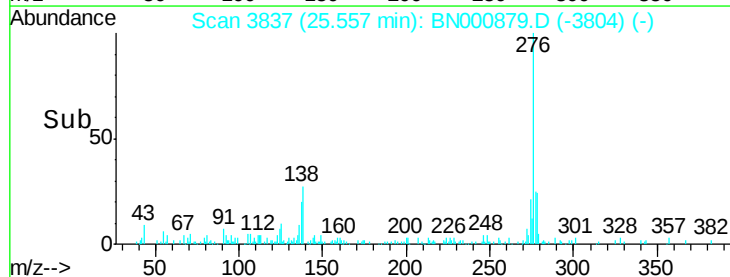


Abundance Ion 276.00 (275.70 to 276.70): E

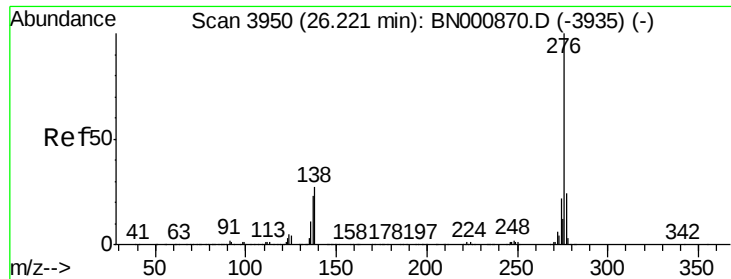
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time-->



Time-->



#29

Benzo(a,h,i)perylene

Concen: 1.388 ng/ul

RT: 26.22 min Scan# 3949

Delta R.T. -0.01 min

Lab File: BN000879.D

Acq: 25 Apr 2018 07:49

Instrument :

BNA_N

ClientSampleId :

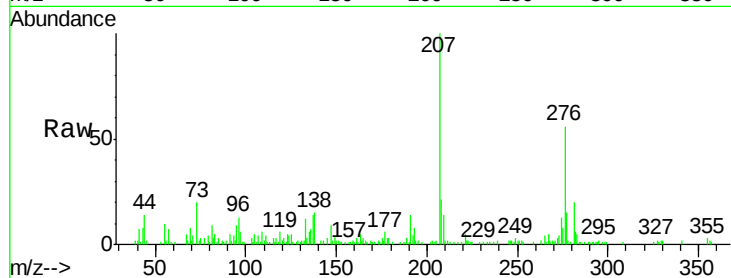
Tot Ion: 276 Resp: 47915

Ion Ratio Lower Upper

276 100

138 25.8 15.3 22.9#

277 27.2 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

