

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
 Data File : BN000889.D
 Acq On : 25 Apr 2018 13:35
 Operator : JU/SJ
 Sample : J2444-18
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 25 14:59:26 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 25 14:59:03 2018
 Response via : Initial Calibration

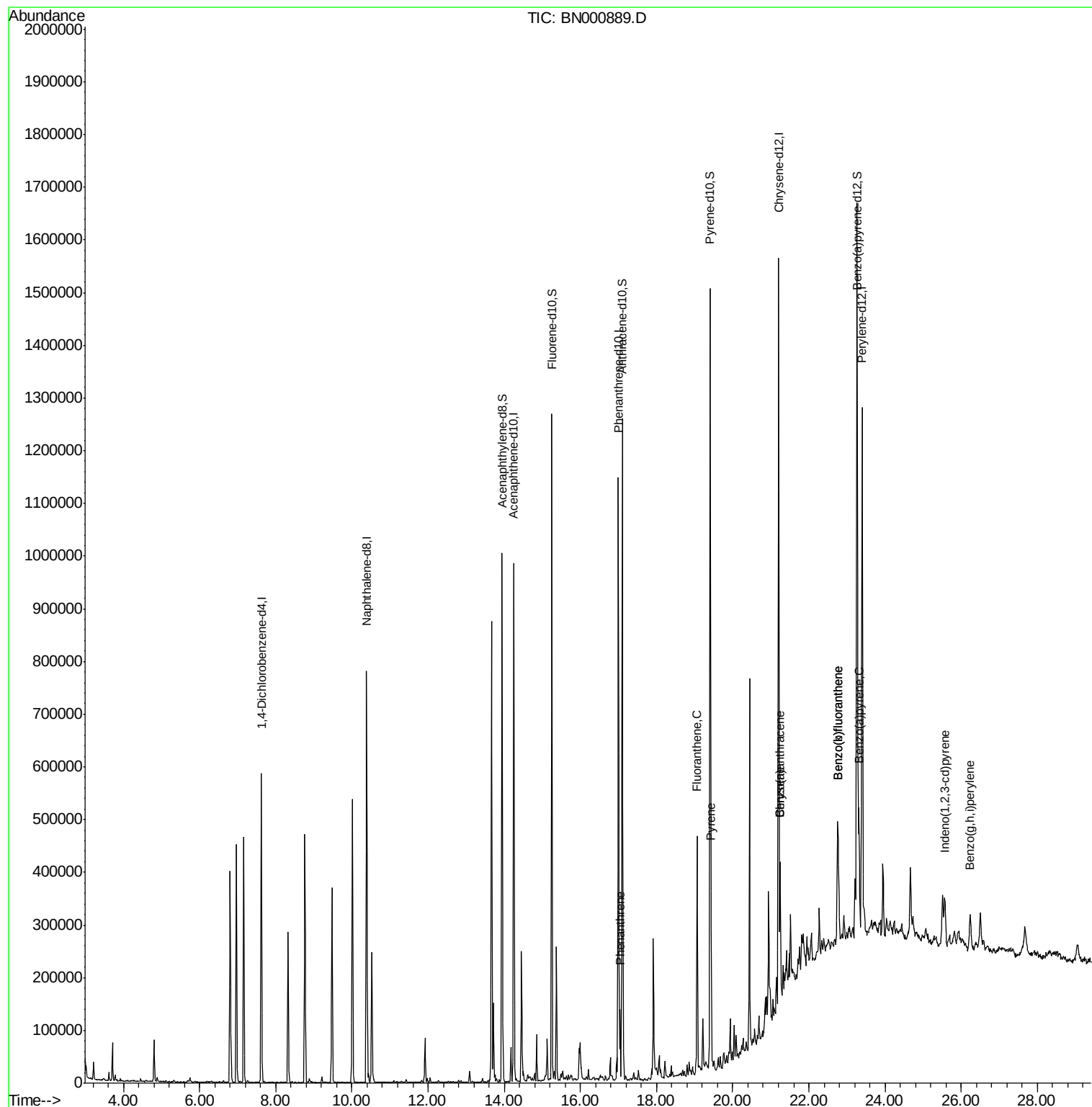
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	144795	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	607115	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	302066	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	597882	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	586917	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	626202	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	653015	22.51	ng/ul	0.00
10) Fluorene-d10	15.25	176	449474	23.21	ng/ul	0.00
14) Anthracene-d10	17.10	188	630333	23.05	ng/ul	0.00
18) Pyrene-d10	19.40	212	679736	22.60	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	754698	25.51	ng/ul	0.01
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	73485	2.254	ng/ul	99
16) Fluoranthene	19.07	202	245204	7.412	ng/ul	95
19) Pyrene	19.43	202	185586	4.923	ng/ul#	89
20) Benzo(a)anthracene	21.24	228	123918	3.532	ng/ul	92
21) Chrysene	21.24	228	130360	3.953	ng/ul	97
23) Benzo(b)fluoranthene	22.75	252	209395	5.884	ng/ul#	96
24) Benzo(k)fluoranthene	22.75	252	210021	6.031	ng/ul#	96
26) Benzo(a)pyrene	23.30	252	103611	3.046	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.57	276	69118	1.683	ng/ul#	87
29) Benzo(g,h,i)perylene	26.24	276	64807	1.886	ng/ul#	90

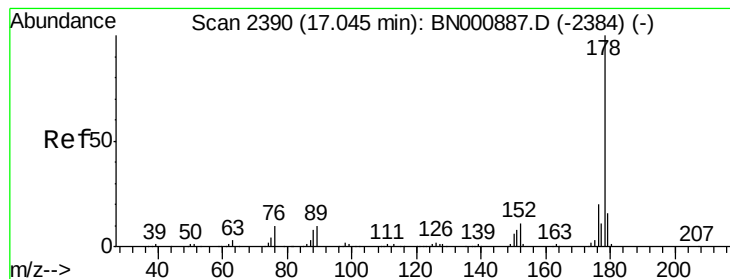
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 2.254 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BN000889.D

Acq: 25 Apr 2018 13:35

Instrument :

BNA_N

ClientSampleId :

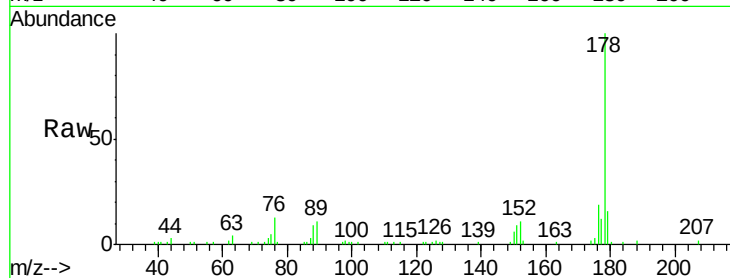
Tot Ion:178 Resp: 73485

Ion Ratio Lower Upper

178 100

179 16.1 12.3 18.5

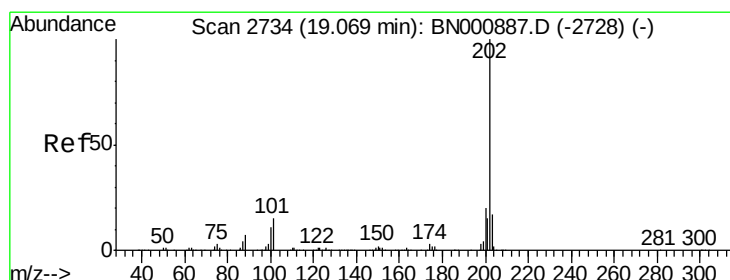
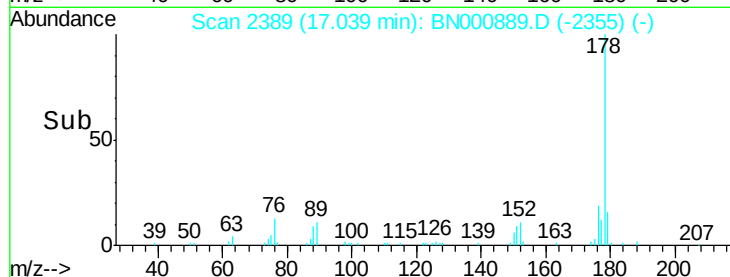
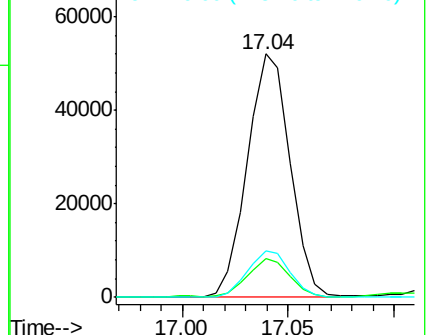
176 19.2 15.1 22.7



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



#16

Fluoranthene

Concen: 7.412 ng/ul

RT: 19.07 min Scan# 2734

Delta R.T. 0.01 min

Lab File: BN000889.D

Acq: 25 Apr 2018 13:35

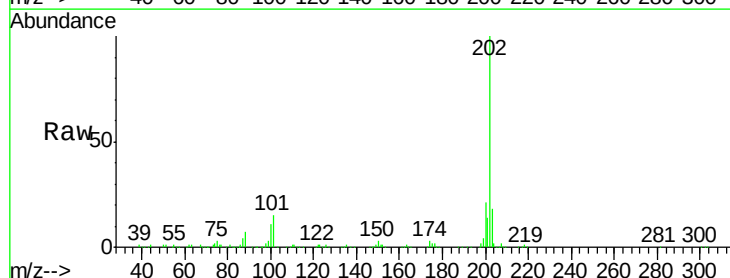
Tgt Ion:202 Resp: 245204

Ion Ratio Lower Upper

202 100

101 14.6 9.9 14.9

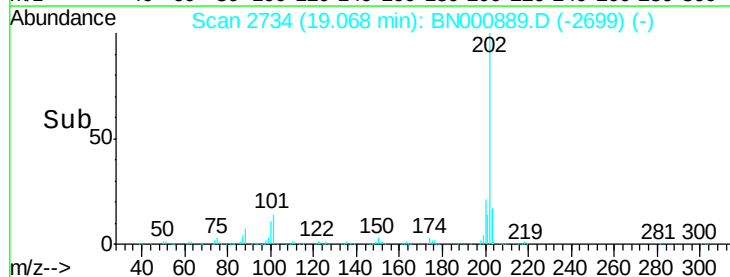
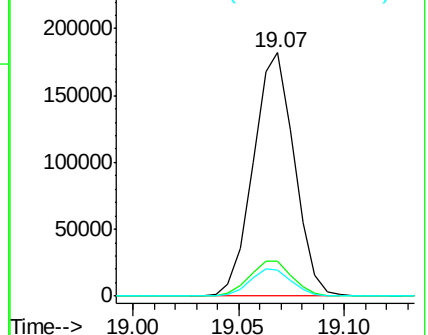
100 10.6 7.4 11.0

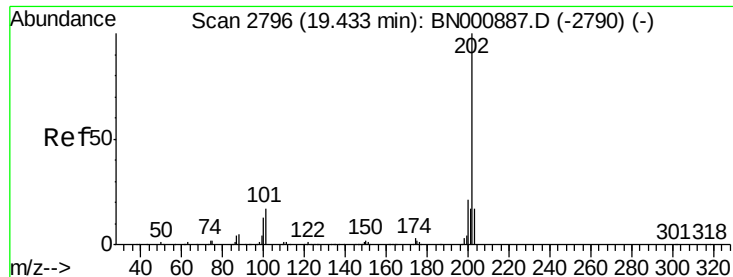


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

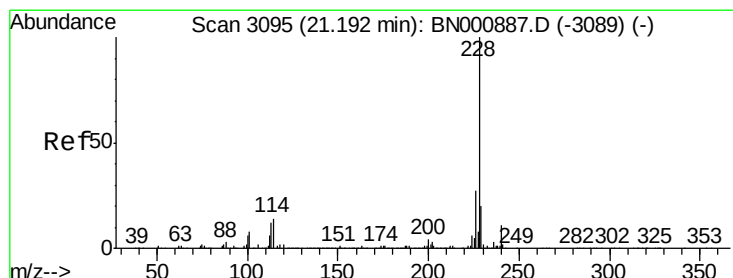
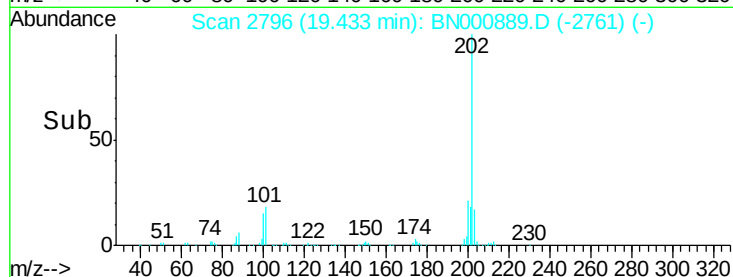
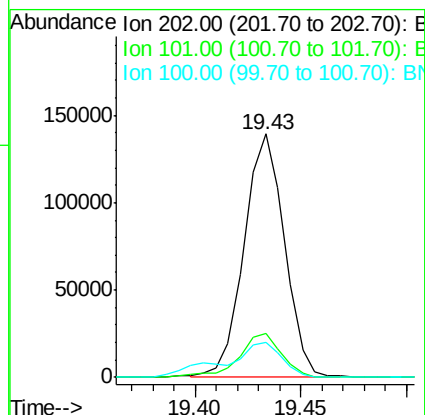
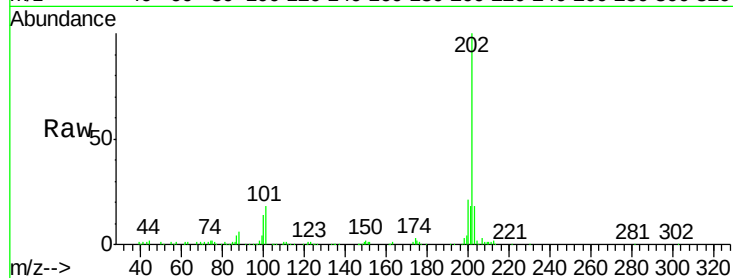




#19
Pvrene
Concen: 4.923 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BN000889.D
Acq: 25 Apr 2018 13:35

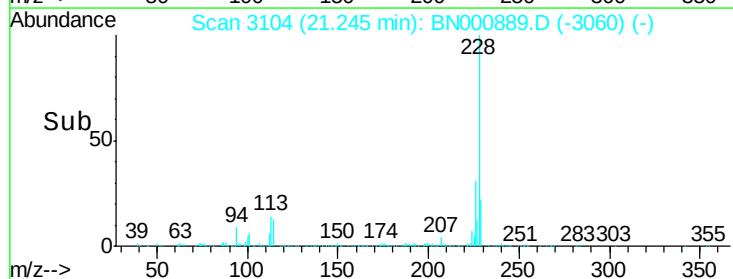
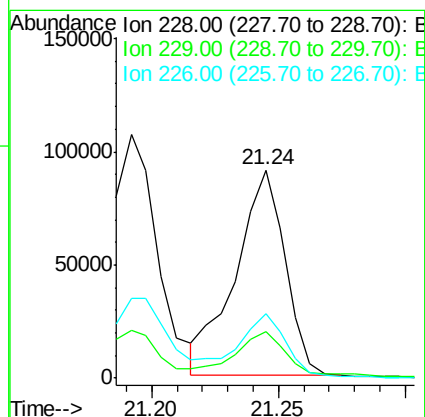
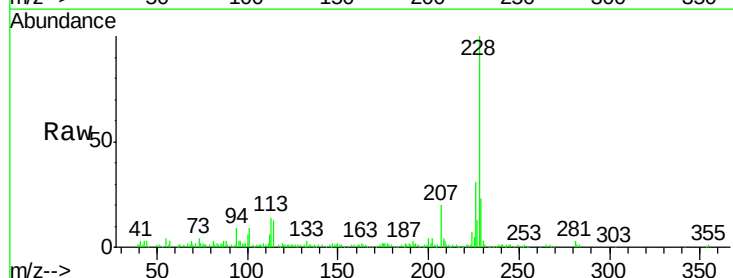
Instrument :
BNA_N
ClientSampleId :

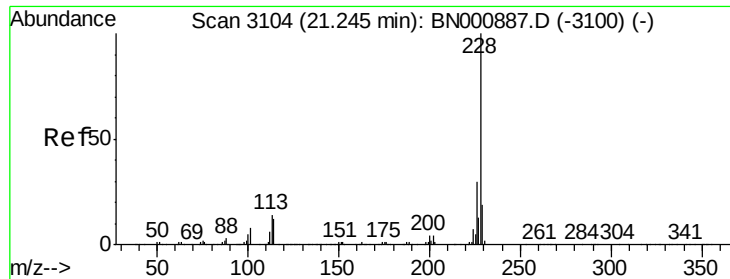
Tot Ion	Ratio	Lower	Upper
202	100		
101	17.8	11.0	16.4#
100	14.3	8.1	12.1#



#20
Benzo(a)anthracene
Concen: 3.532 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. 0.06 min
Lab File: BN000889.D
Acq: 25 Apr 2018 13:35

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.7	23.5
226	31.0	21.1	31.7





#21

Chrysene

Concen: 3.953 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. 0.01 min

Lab File: BN000889.D

Acq: 25 Apr 2018 13:35

Instrument :

BNA_N

ClientSampled :

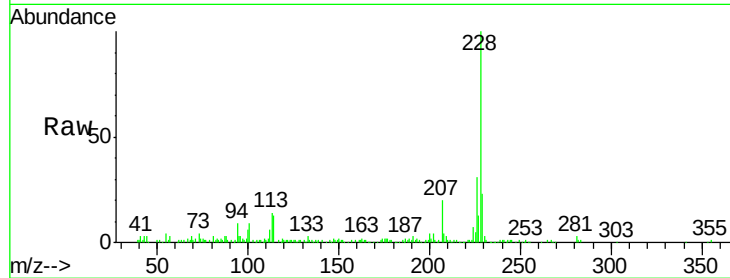
Tot Ion:228 Resp: 130360

Ion Ratio Lower Upper

228 100

226 31.0 24.5 36.7

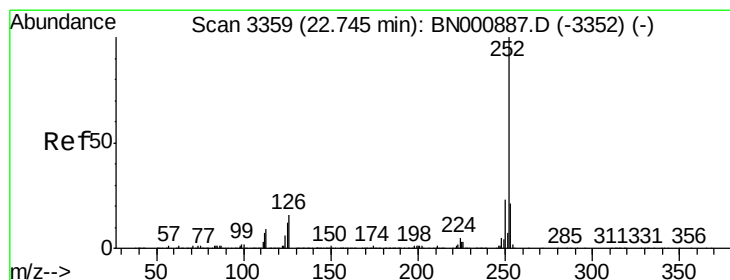
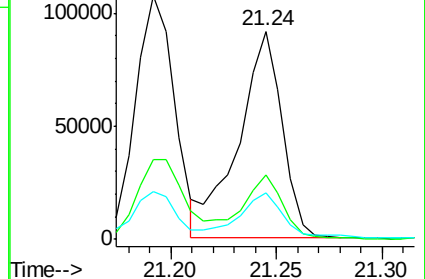
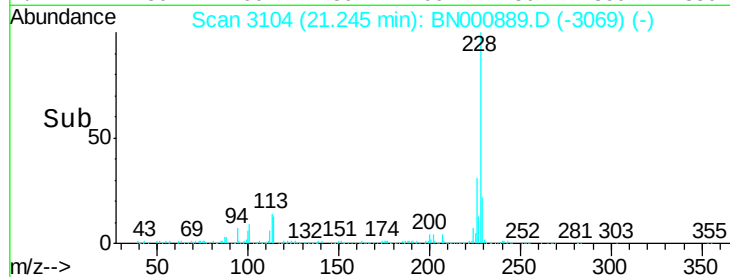
229 22.6 15.8 23.8



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: 5.884 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. 0.01 min

Lab File: BN000889.D

Acq: 25 Apr 2018 13:35

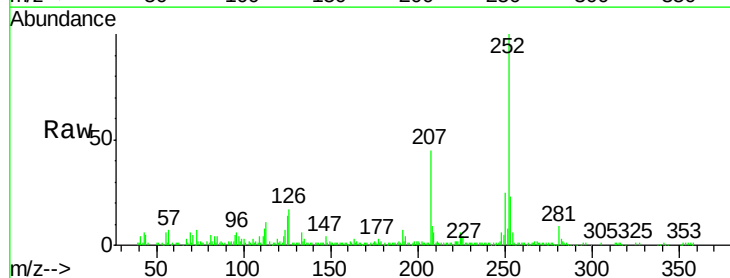
Tgt Ion:252 Resp: 209395

Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

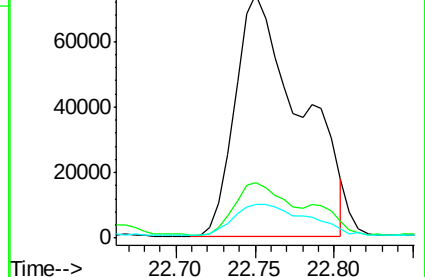
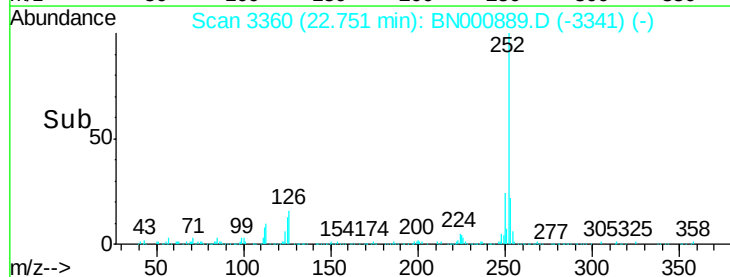
125 14.1 8.0 12.0#

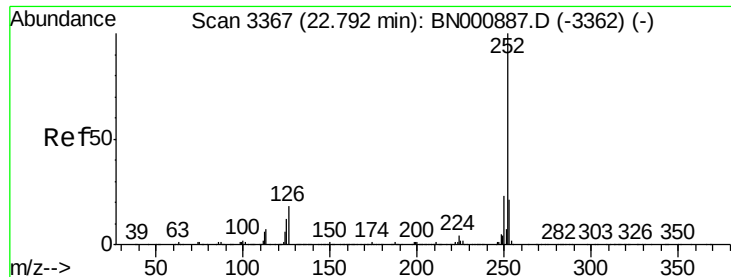


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

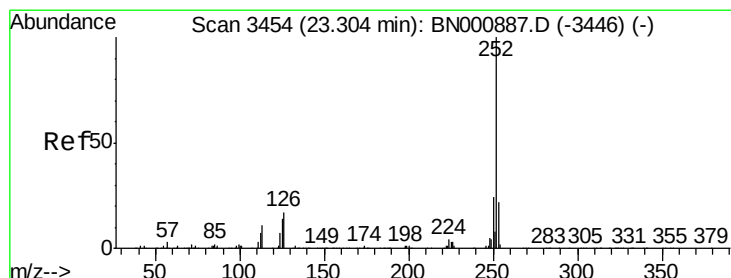
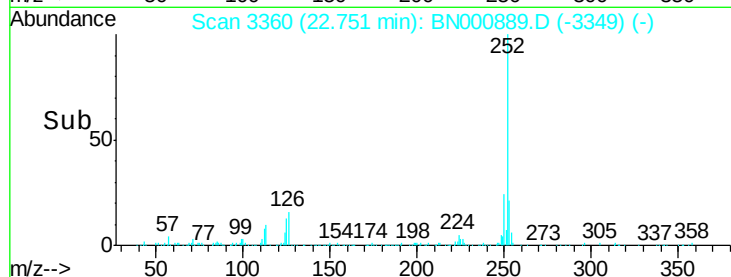
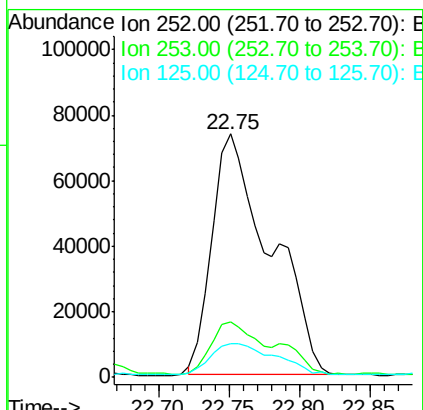
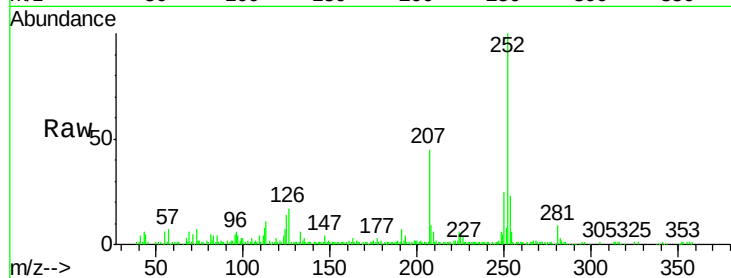




#24
Benzo(k)fluoranthene
Concen: 6.031 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.04 min
Lab File: BN000889.D
Acq: 25 Apr 2018 13:35

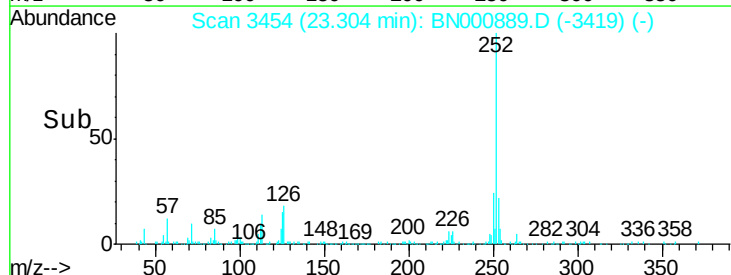
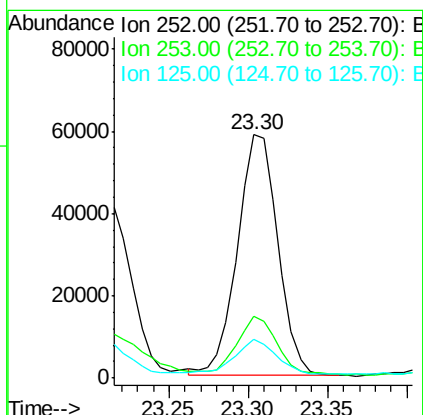
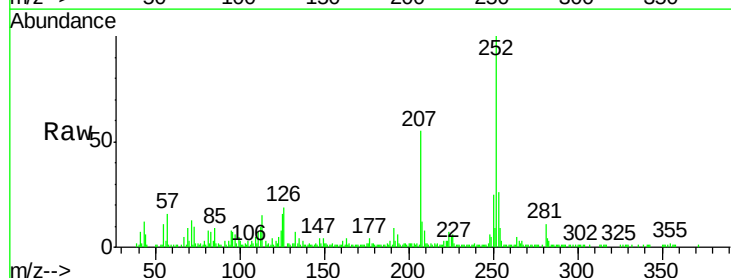
Instrument :
BNA_N
ClientSampleId :

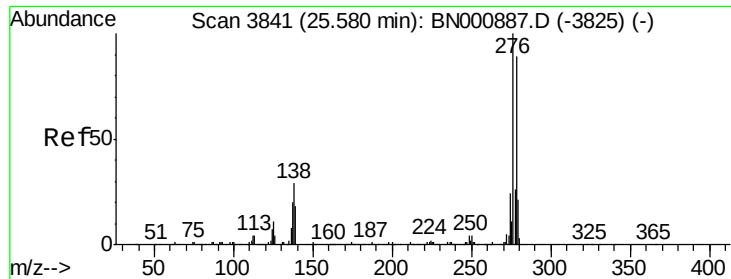
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	14.1	8.1	12.1



#26
Benzo(a)pyrene
Concen: 3.046 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. 0.01 min
Lab File: BN000889.D
Acq: 25 Apr 2018 13:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.2	25.8
125	16.1	8.2	12.4



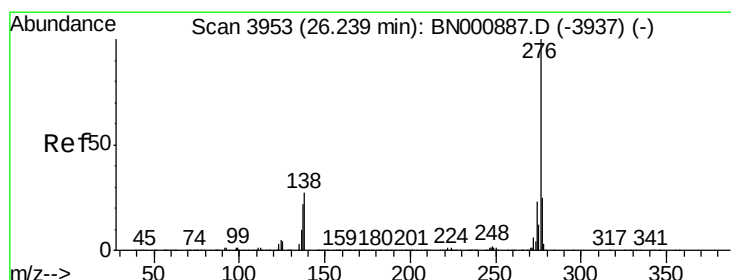
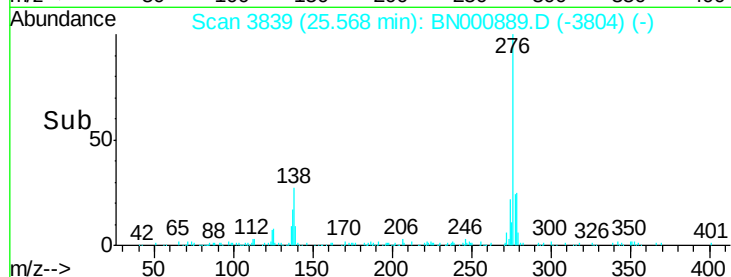
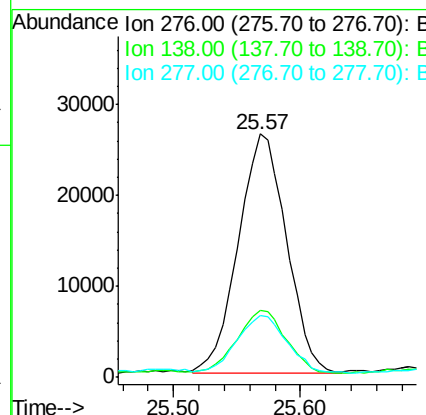
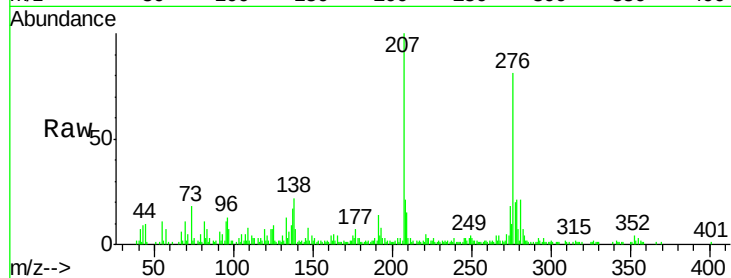


#27

Indeno(1,2,3-cd)pyrene
Concen: 1.683 ng/ul
RT: 25.57 min Scan# 3839
Delta R.T. 0.01 min
Lab File: BN000889.D
Acq: 25 Apr 2018 13:35

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.6	14.4	21.6#
277	25.3	18.0	27.0



#29

Benzo(g,h,i)perylene
Concen: 1.886 ng/ul
RT: 26.24 min Scan# 3953
Delta R.T. 0.02 min
Lab File: BN000889.D
Acq: 25 Apr 2018 13:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	15.3	22.9#
277	27.2	19.0	28.4

