

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042618\
 Data File : BN000934.D
 Acq On : 26 Apr 2018 16:19
 Operator : JU/SJ
 Sample : J2485-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 27 07:52:24 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 27 07:47:48 2018
 Response via : Initial Calibration

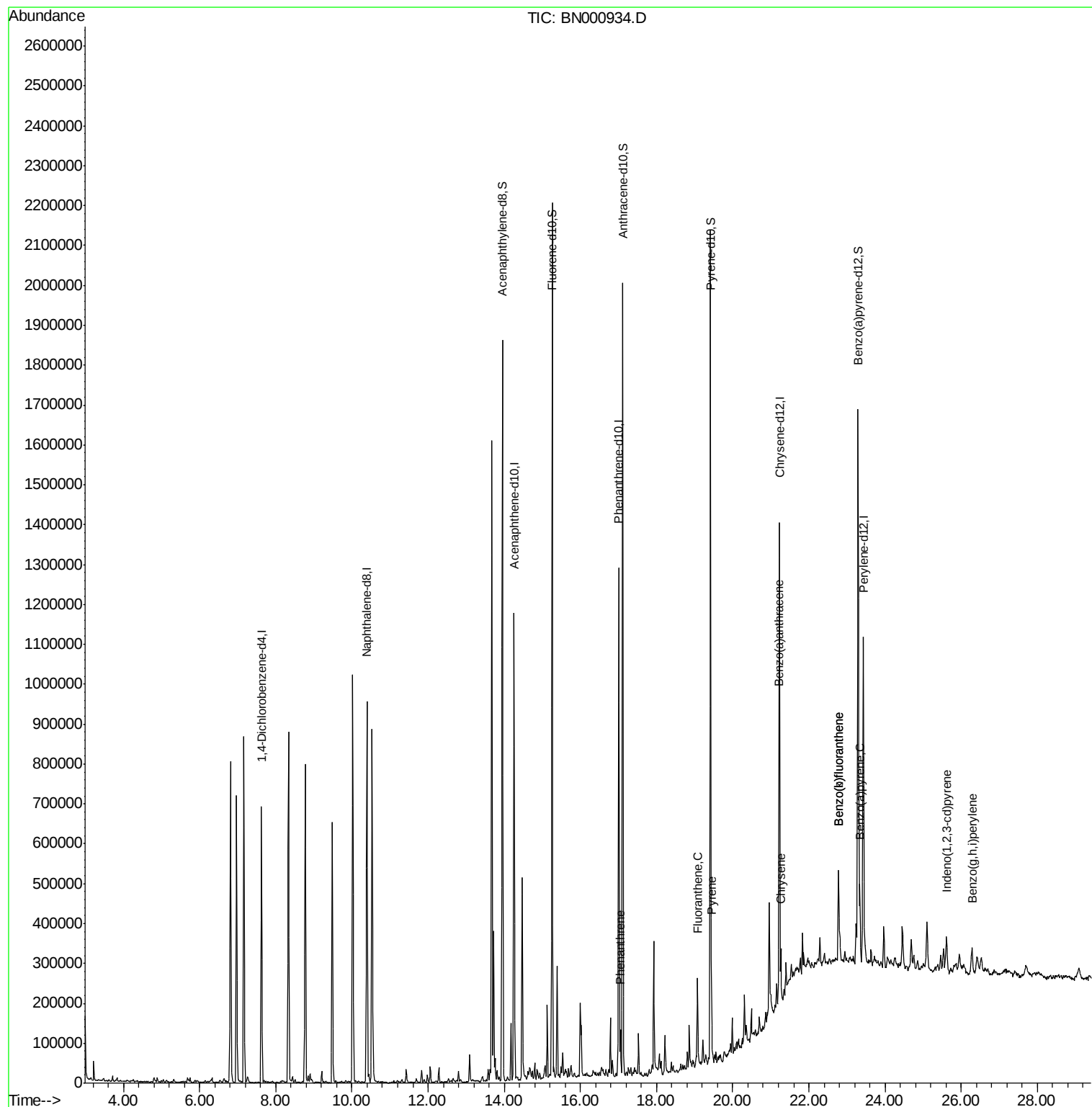
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	171406	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	739418	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	369794	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.01	188	669947	20.00	ng/ul	0.00
17) Chrysene-d12	21.23	240	500903	20.00	ng/ul	0.00
22) Perylene-d12	23.43	264	531453	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	1179405	33.21	ng/ul	0.00
10) Fluorene-d10	15.26	176	792022	33.41	ng/ul	0.00
14) Anthracene-d10	17.11	188	1030340	33.63	ng/ul	0.00
18) Pyrene-d10	19.42	212	938374	36.56	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.29	264	928353	36.98	ng/ul	0.01
Target Compounds				Ovalue		
13) Phenanthrene	17.05	178	62130	1.700	ng/ul	99
16) Fluoranthene	19.07	202	112794	3.043	ng/ul#	93
19) Pyrene	19.45	202	99795	3.102	ng/ul#	91
20) Benzo(a)anthracene	21.21	228	61591	2.057	ng/ul	95
21) Chrysene	21.26	228	71934	2.556	ng/ul	98
23) Benzo(b)fluoranthene	22.77	252	157229	5.206	ng/ul#	94
24) Benzo(k)fluoranthene	22.77	252	160374	5.426	ng/ul#	94
26) Benzo(a)pyrene	23.33	252	80828	2.800	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.62	276	73372	2.105	ng/ul#	91
29) Benzo(g,h,i)perylene	26.29	276	68343	2.344	ng/ul#	92

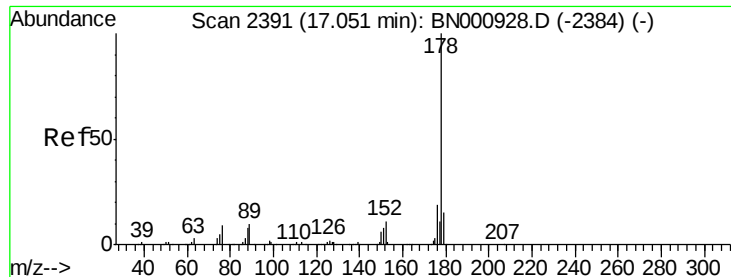
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042618\
Data File : BN000934.D
Acq On : 26 Apr 2018 16:19
Operator : JU/SJ
Sample : J2485-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 27 07:52:24 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 27 07:47:48 2018
Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.700 ng/ul

RT: 17.05 min Scan# 2391

Delta R.T. 0.00 min

Lab File: BN000934.D

Acq: 26 Apr 2018 16:19

Instrument :

BNA_N

ClientSampleId :

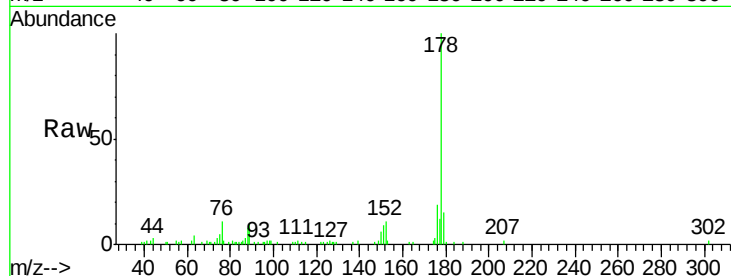
Tot Ion:178 Resp: 62130

Ion Ratio Lower Upper

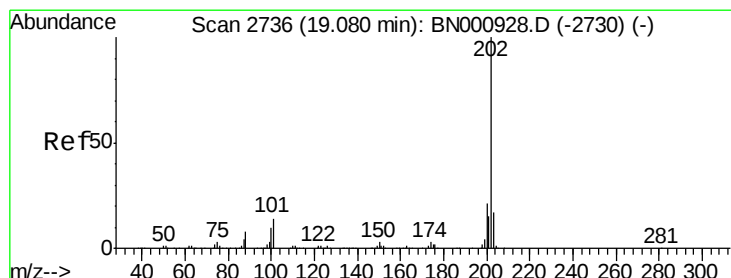
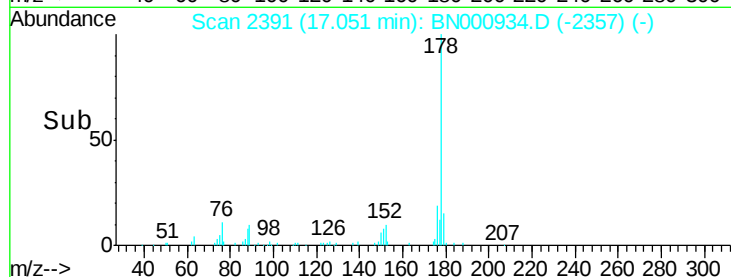
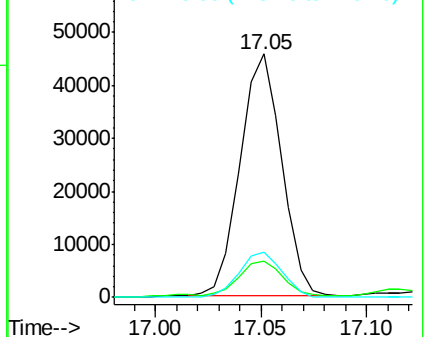
178 100

179 14.8 12.3 18.5

176 18.5 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: 3.043 ng/ul

RT: 19.07 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BN000934.D

Acq: 26 Apr 2018 16:19

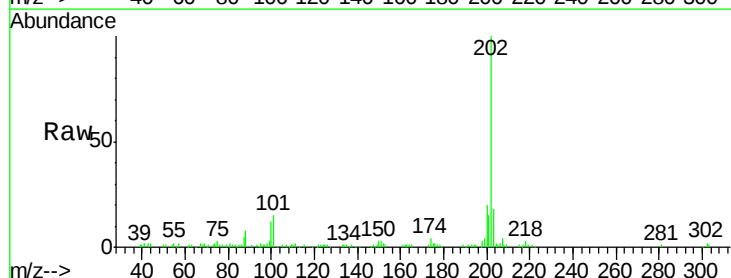
Tgt Ion:202 Resp: 112794

Ion Ratio Lower Upper

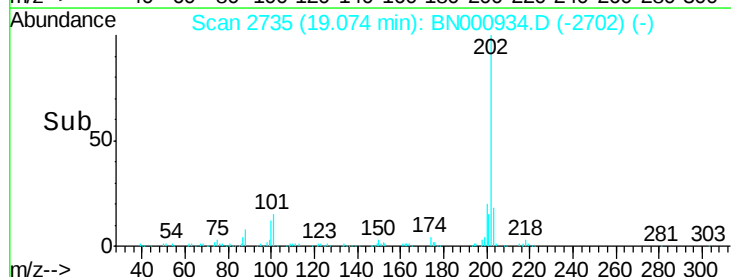
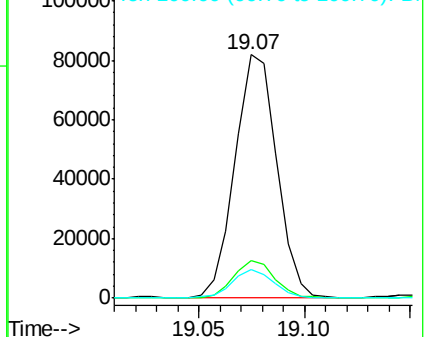
202 100

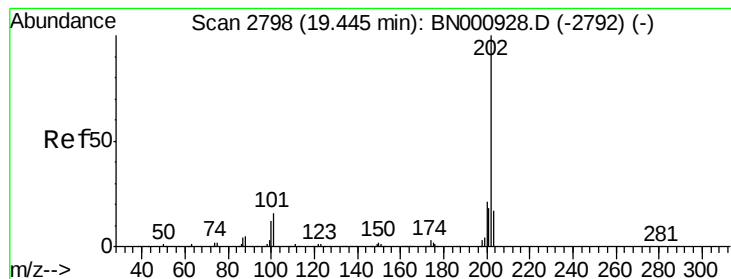
101 15.3 9.9 14.9#

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

Pvrene

Concen: 3.102 ng/ul

RT: 19.45 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BN000934.D

Acq: 26 Apr 2018 16:19

Instrument :

BNA_N

ClientSampled :

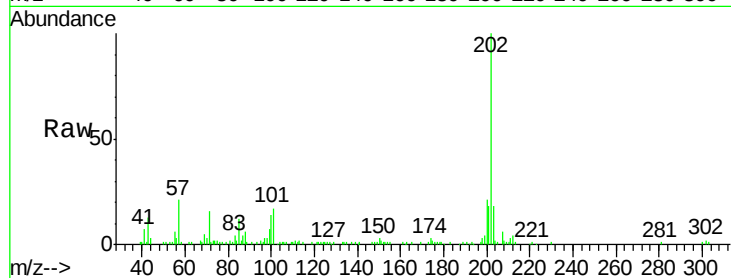
Tot Ion:202 Resp: 99795

Ion Ratio Lower Upper

202 100

101 17.3 11.0 16.4#

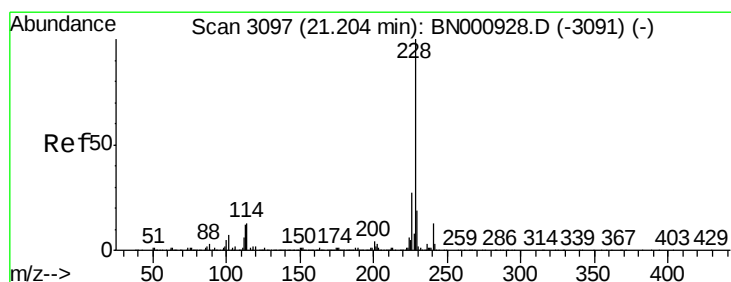
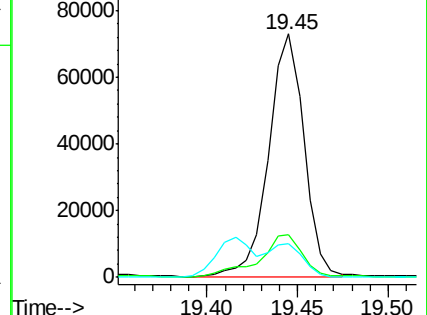
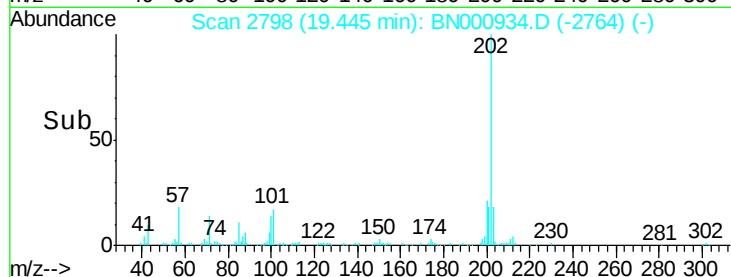
100 13.8 8.1 12.1#



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: 2.057 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. 0.01 min

Lab File: BN000934.D

Acq: 26 Apr 2018 16:19

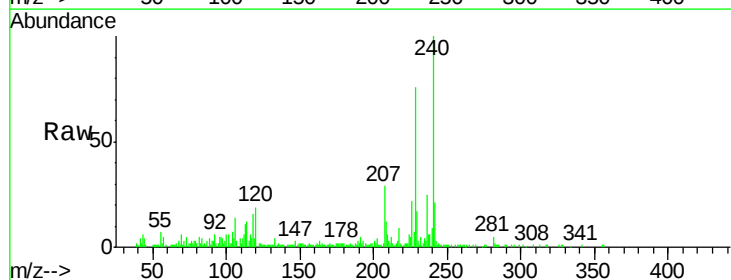
Tgt Ion:228 Resp: 61591

Ion Ratio Lower Upper

228 100

229 22.2 15.7 23.5

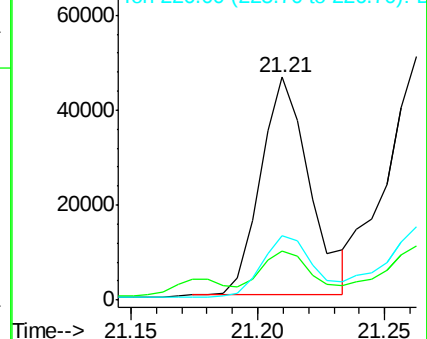
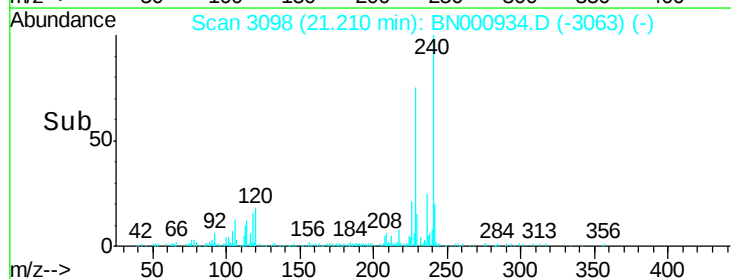
226 29.1 21.1 31.7

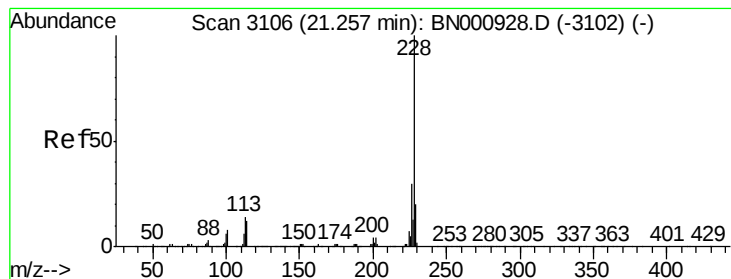


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 2.556 ng/ul

RT: 21.26 min Scan# 3107

Delta R.T. 0.01 min

Lab File: BN000934.D

Acq: 26 Apr 2018 16:19

Instrument :

BNA_N

ClientSampleId :

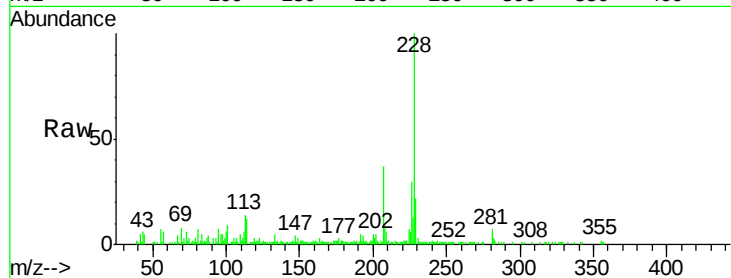
Tot Ion:228 Resp: 71934

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

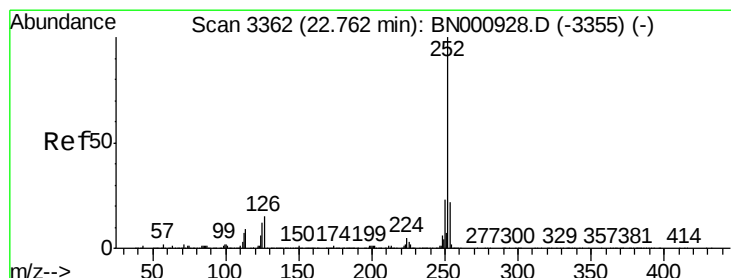
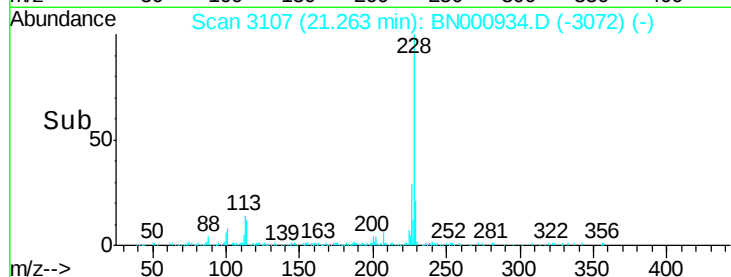
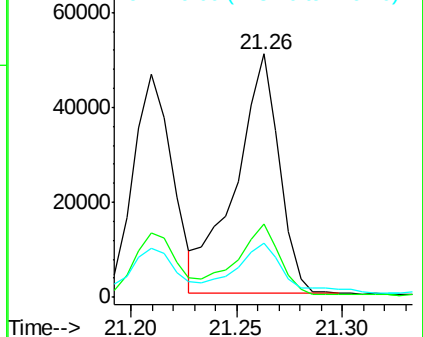
229 22.1 15.8 23.8



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: 5.206 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. 0.01 min

Lab File: BN000934.D

Acq: 26 Apr 2018 16:19

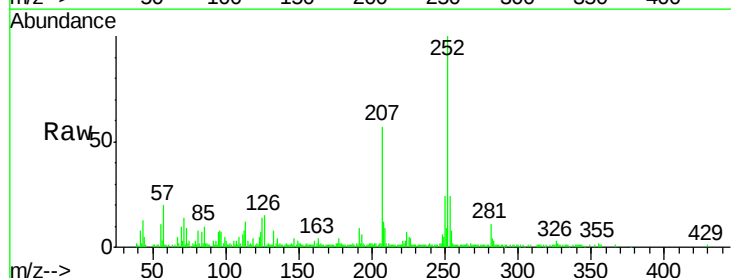
Tgt Ion:252 Resp: 157229

Ion Ratio Lower Upper

252 100

253 23.9 18.0 27.0

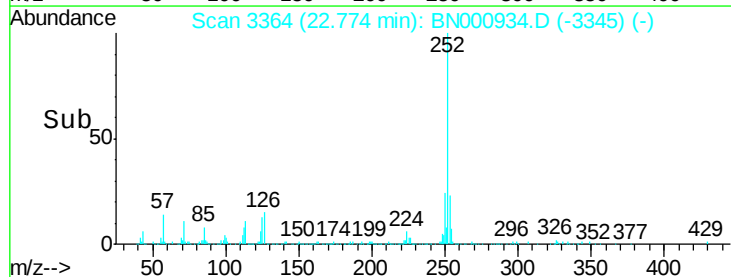
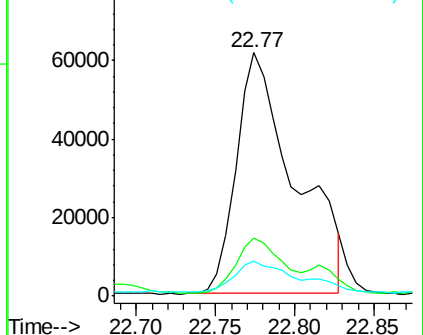
125 14.3 8.0 12.0#

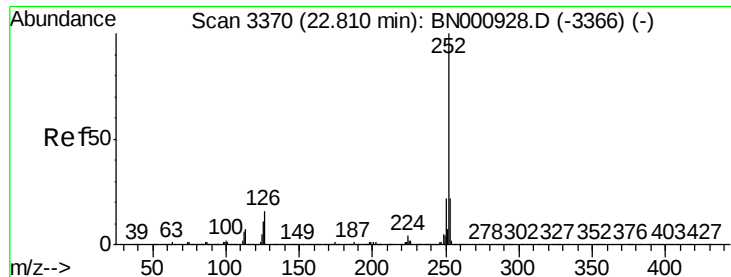


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

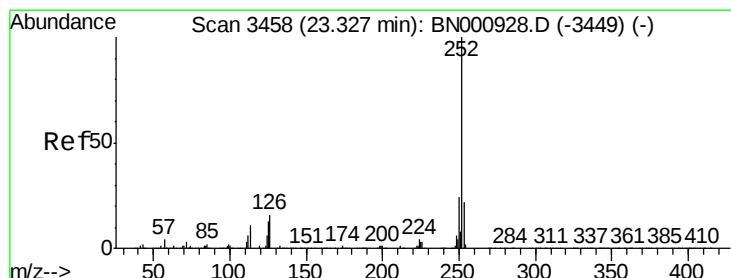
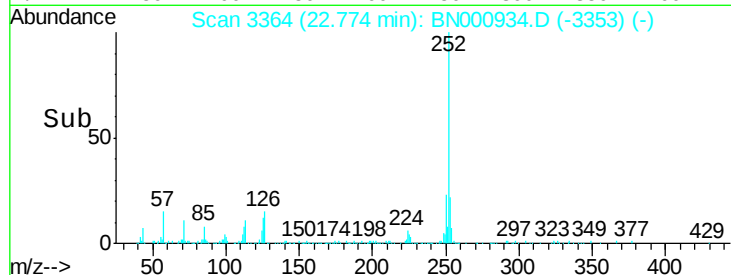
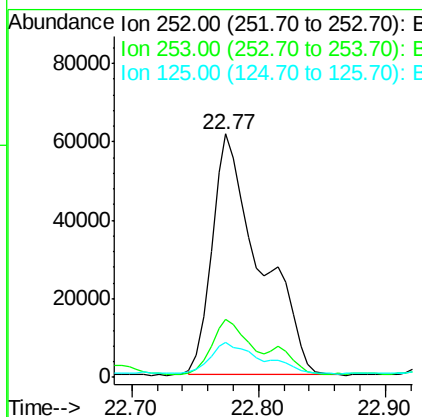
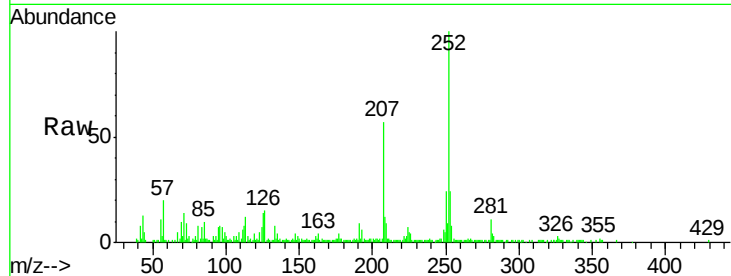




#24
Benzo(k)fluoranthene
Concen: 5.426 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. -0.04 min
Lab File: BN000934.D
Acq: 26 Apr 2018 16:19

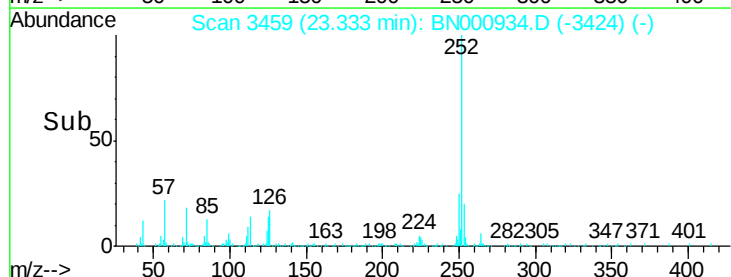
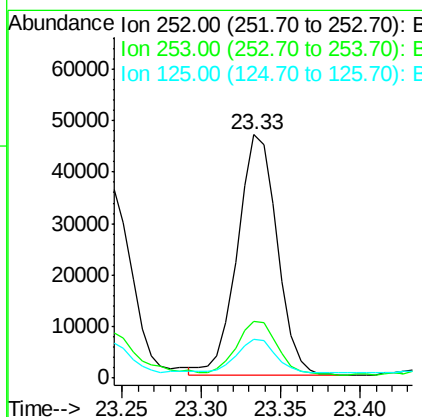
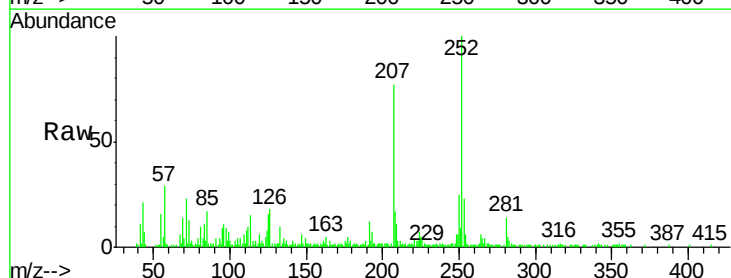
Instrument :
BNA_N
ClientSampleId :

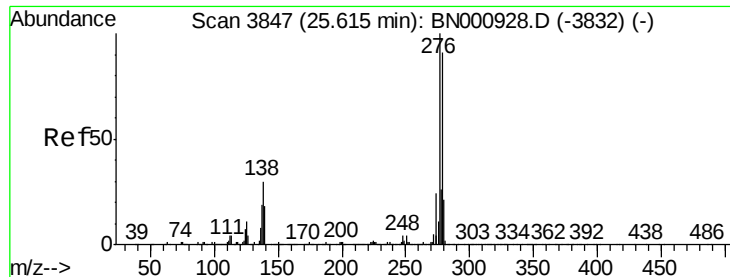
Tot Ion:252 Resp: 160374
Ion Ratio Lower Upper
252 100
253 23.9 18.0 27.0
125 14.3 8.1 12.1#



#26
Benzo(a)pyrene
Concen: 2.800 ng/ul
RT: 23.33 min Scan# 3459
Delta R.T. 0.01 min
Lab File: BN000934.D
Acq: 26 Apr 2018 16:19

Tgt Ion:252 Resp: 80828
Ion Ratio Lower Upper
252 100
253 23.3 17.2 25.8
125 15.8 8.2 12.4#

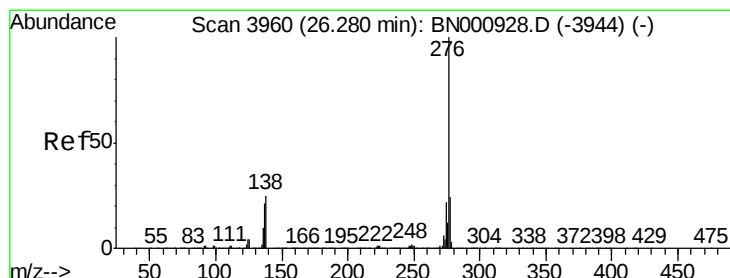
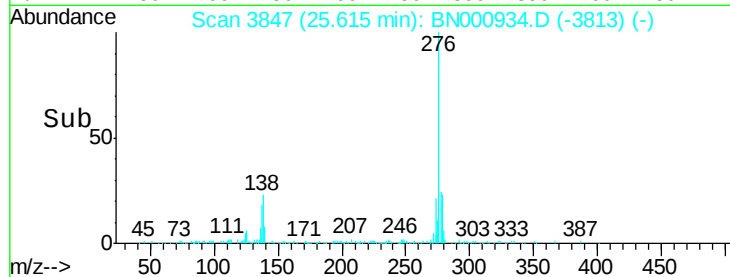
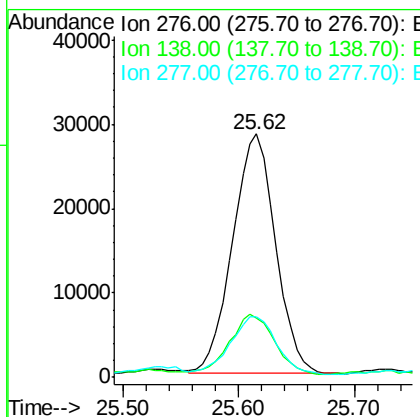
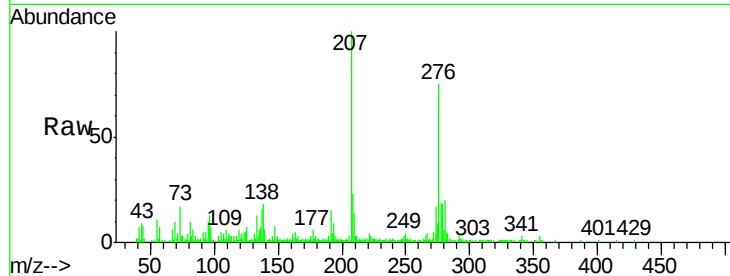




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.105 ng/ul
 RT: 25.62 min Scan# 3847
 Delta R.T. 0.00 min
 Lab File: BN000934.D
 Acq: 26 Apr 2018 16:19

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	14.4	21.6#
277	25.1	18.0	27.0



#29
 Benzo(g,h,i)perylene
 Concen: 2.344 ng/ul
 RT: 26.29 min Scan# 3961
 Delta R.T. 0.01 min
 Lab File: BN000934.D
 Acq: 26 Apr 2018 16:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.7	15.3	22.9#
277	24.7	19.0	28.4

