

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
 Data File : BN000382.D
 Acq On : 14 Mar 2018 19:41
 Operator : JU/SJ
 Sample : J1865-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 15 07:06:51 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 15 07:02:49 2018
 Response via : Initial Calibration

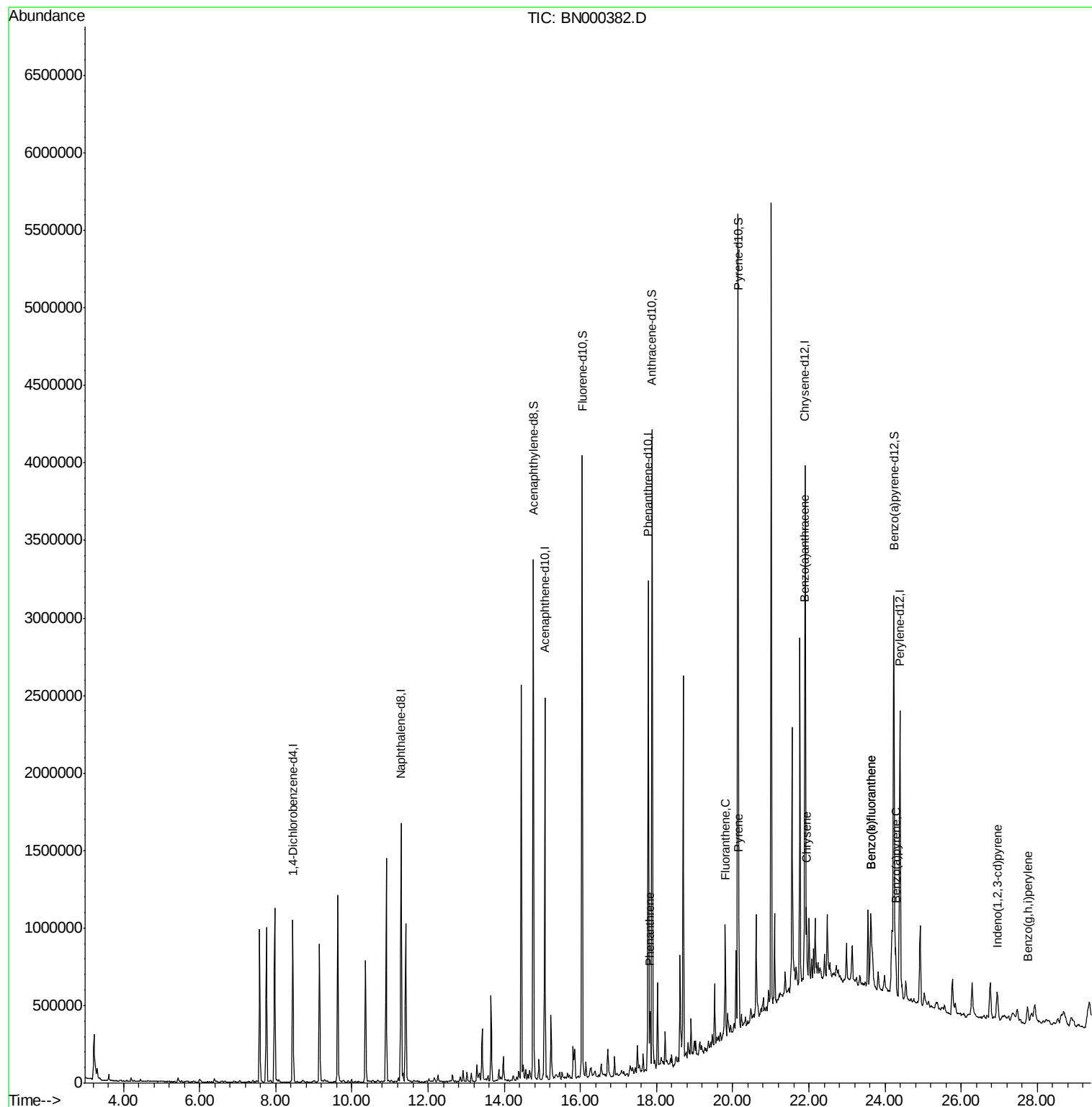
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	286945	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1397950	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	777090	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1689300	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1444117	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1326152	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	2330948	30.22	ng/ul	0.00
10) Fluorene-d10	16.05	176	1528407	29.26	ng/ul	0.00
14) Anthracene-d10	17.88	188	2266571	28.72	ng/ul	0.00
18) Pyrene-d10	20.14	212	2412840	34.15	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1757530	29.02	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.83	178	136431	1.408	ng/ul	99
16) Fluoranthene	19.80	202	394819	3.772	ng/ul#	93
19) Pyrene	20.16	202	347947	3.816	ng/ul#	88
20) Benzo(a)anthracene	21.89	228	263196	2.932	ng/ul	99
21) Chrysene	21.94	228	259059	3.041	ng/ul	98
23) Benzo(b)fluoranthene	23.63	252	458406	5.797	ng/ul#	93
24) Benzo(k)fluoranthene	23.63	252	325388	4.396	ng/ul#	93
26) Benzo(a)pyrene	24.28	252	204130	2.712	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.95	276	149530	1.843	ng/ul#	87
29) Benzo(g,h,i)perylene	27.74	276	124770	1.841	ng/ul#	88

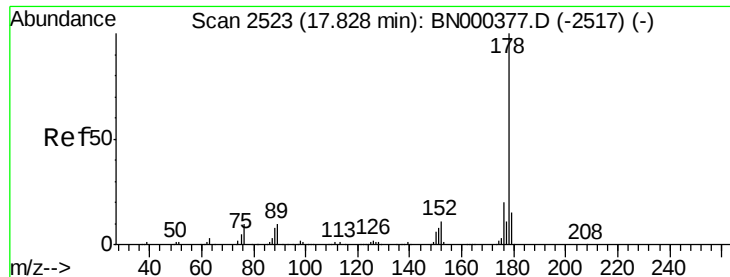
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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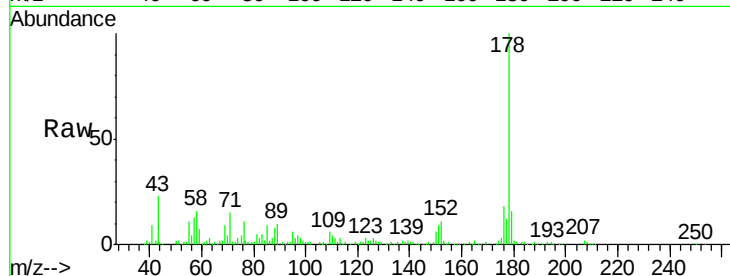




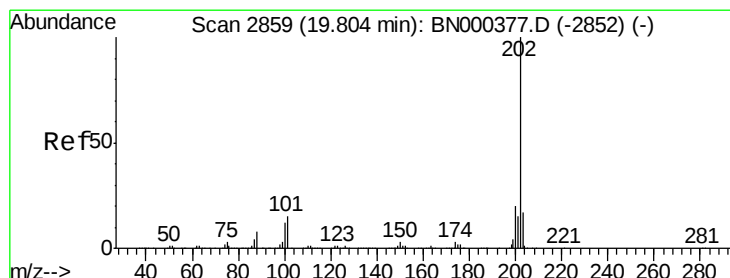
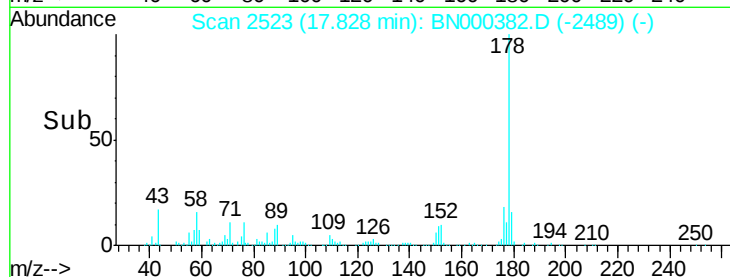
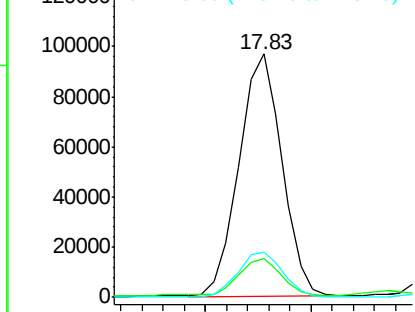
#13
Phenanthrene
Concen: 1.408 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN000382.D
Acq: 14 Mar 2018 19:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion:178 Resp: 136431
Ion Ratio Lower Upper
178 100
179 16.1 12.3 18.5
176 18.4 15.1 22.7

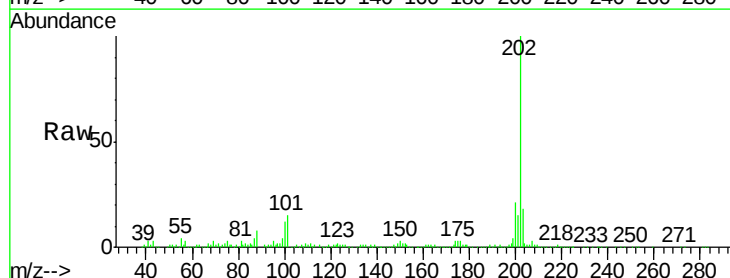


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

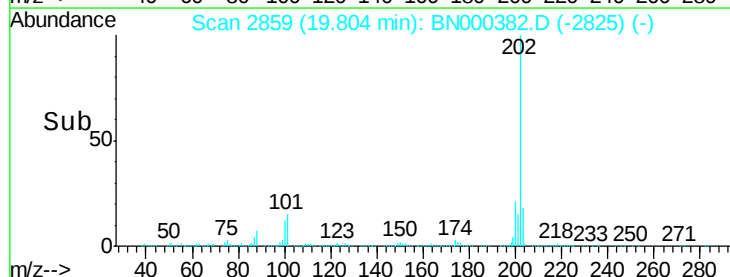
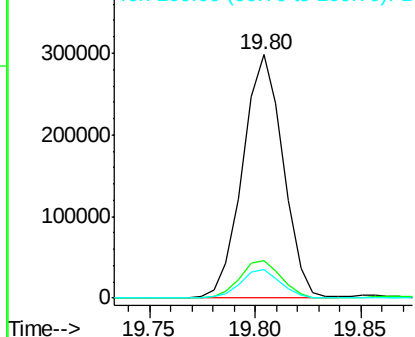


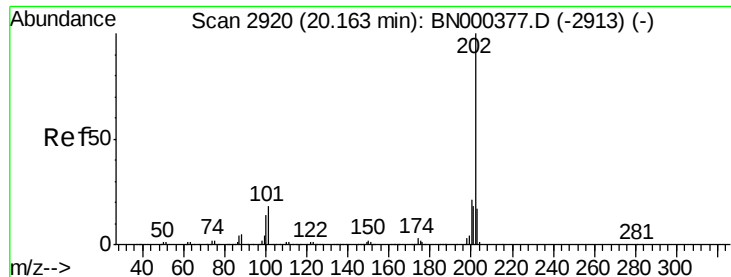
#16
Fluoranthene
Concen: 3.772 ng/ul
RT: 19.80 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BN000382.D
Acq: 14 Mar 2018 19:41

Tgt Ion:202 Resp: 394819
Ion Ratio Lower Upper
202 100
101 15.2 9.9 14.9#
100 11.9 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: 3.816 ng/ul

RT: 20.16 min Scan# 2920

Delta R.T. -0.00 min

Lab File: BN000382.D

Acq: 14 Mar 2018 19:41

Instrument :

BNA_N

ClientSampleId :

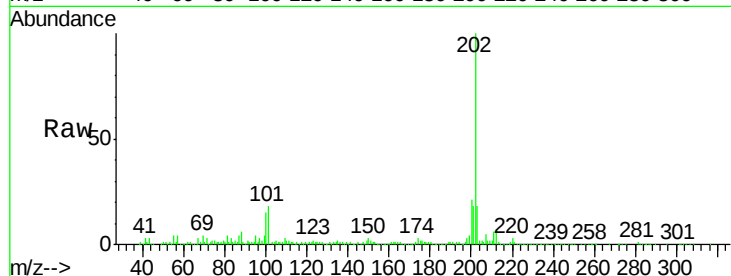
Tot Ion:202 Resp: 347947

Ion Ratio Lower Upper

202 100

101 18.2 11.0 16.4#

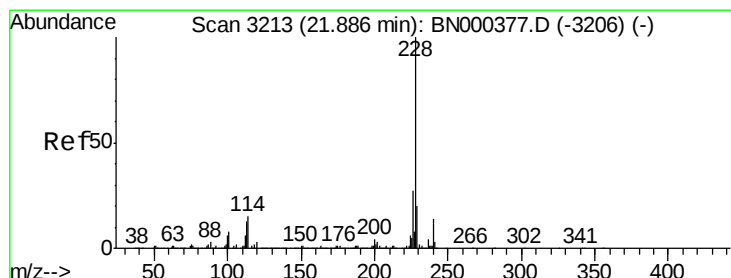
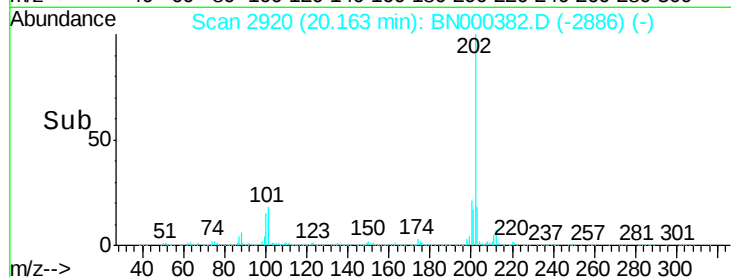
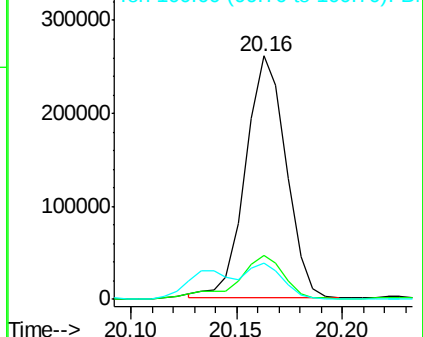
100 15.0 8.1 12.1#



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: 2.932 ng/ul

RT: 21.89 min Scan# 3213

Delta R.T. -0.00 min

Lab File: BN000382.D

Acq: 14 Mar 2018 19:41

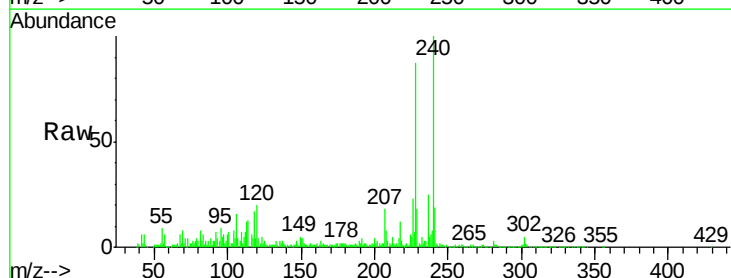
Tgt Ion:228 Resp: 263196

Ion Ratio Lower Upper

228 100

229 20.4 15.7 23.5

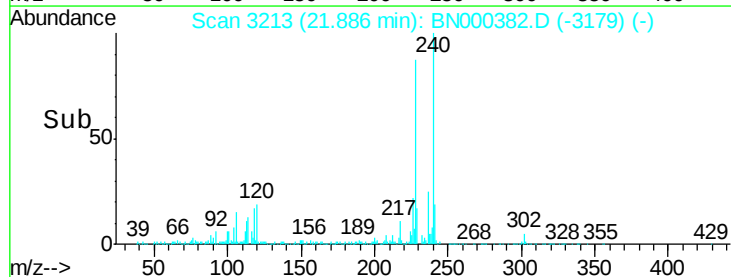
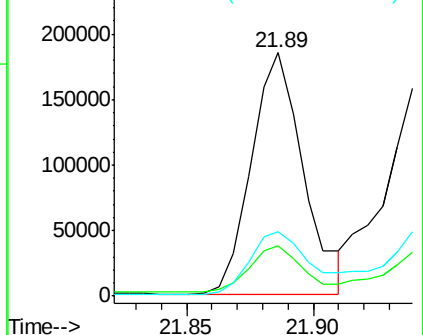
226 26.5 21.1 31.7

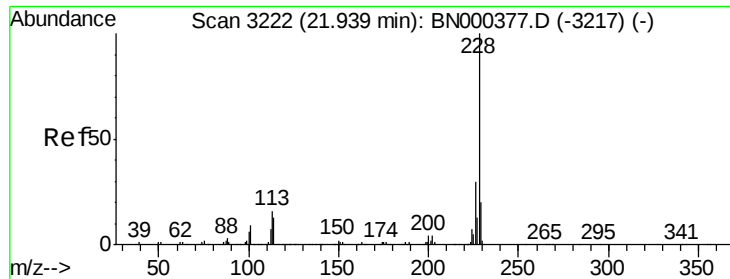


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 3.041 ng/ul

RT: 21.94 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BN000382.D

Acq: 14 Mar 2018 19:41

Instrument :

BNA_N

ClientSampleId :

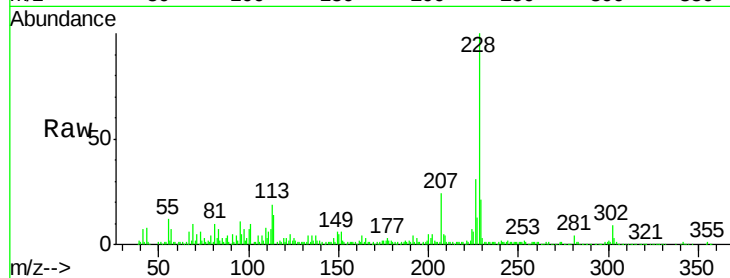
Tot Ion:228 Resp: 259059

Ion Ratio Lower Upper

228 100

226 30.9 24.5 36.7

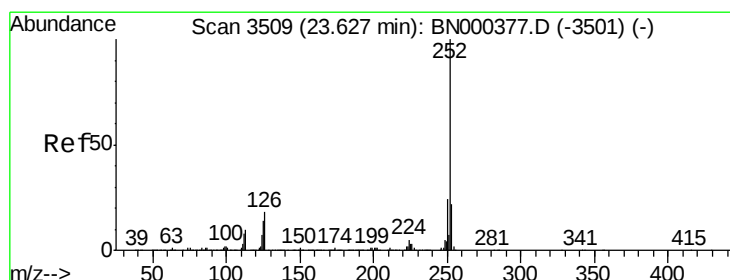
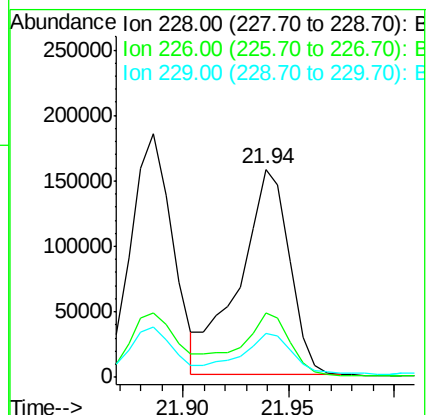
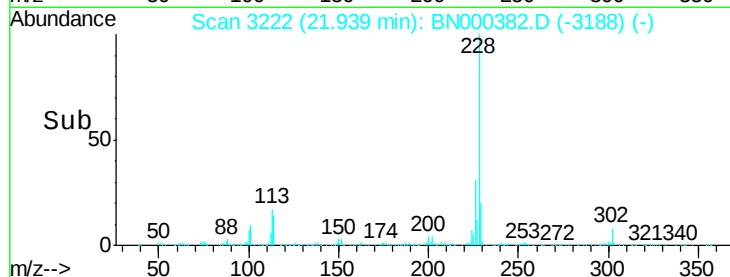
229 21.3 15.8 23.8



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: 5.797 ng/ul

RT: 23.63 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BN000382.D

Acq: 14 Mar 2018 19:41

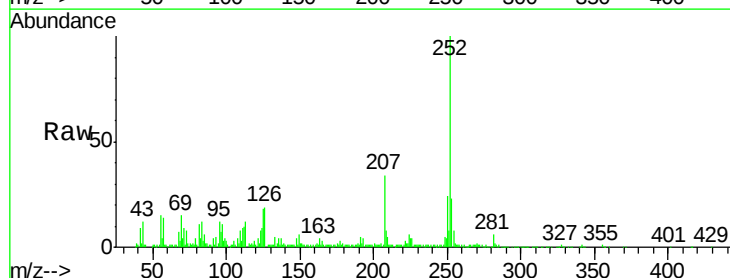
Tgt Ion:252 Resp: 458406

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

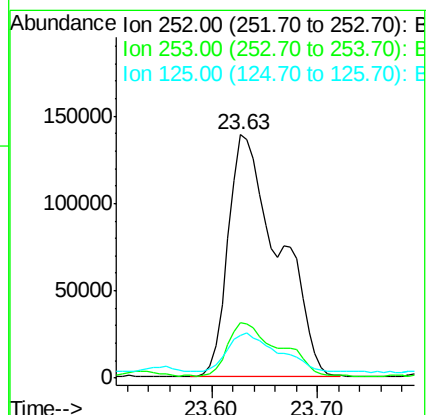
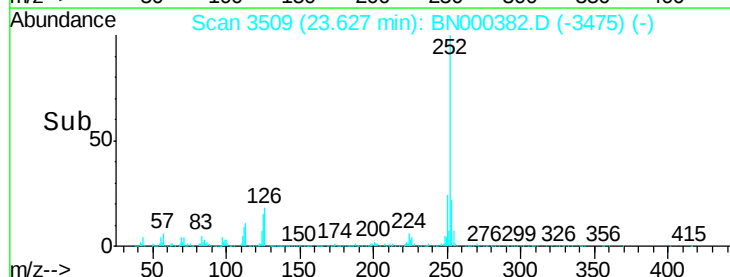
125 17.7 8.0 12.0#

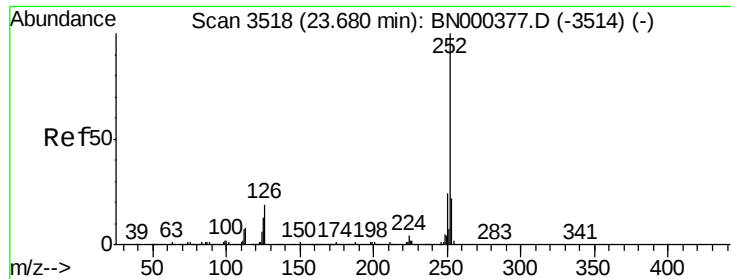


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 4.396 ng/ul

RT: 23.63 min Scan# 3509

Delta R.T. -0.05 min

Lab File: BN000382.D

Acq: 14 Mar 2018 19:41

Instrument :

BNA_N

ClientSampleId :

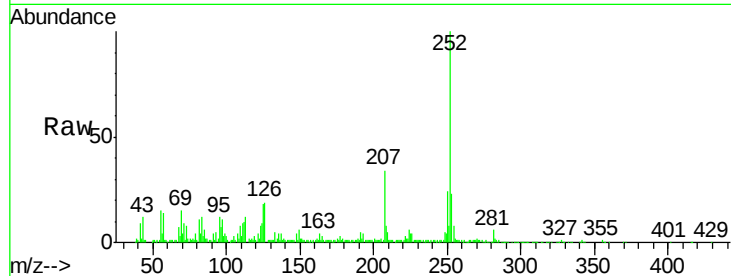
Tot Ion:252 Resp: 325388

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

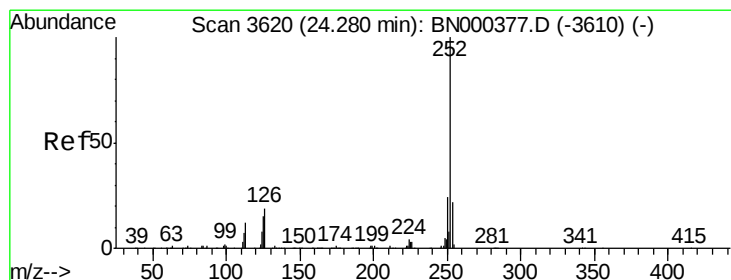
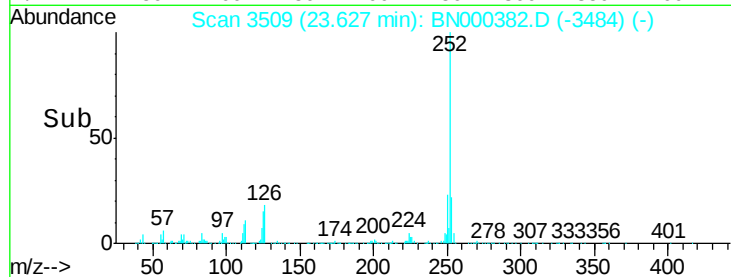
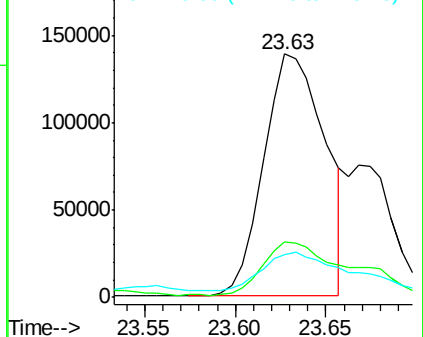
125 17.7 8.1 12.1#



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: 2.712 ng/ul

RT: 24.28 min Scan# 3620

Delta R.T. -0.00 min

Lab File: BN000382.D

Acq: 14 Mar 2018 19:41

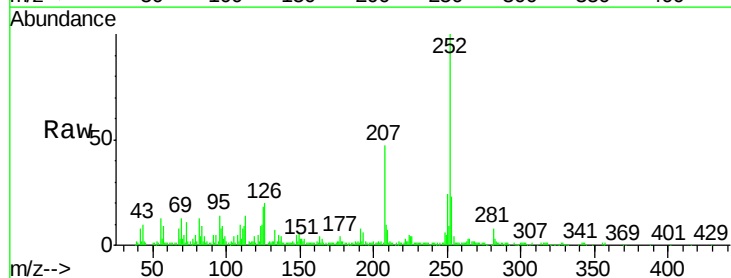
Tgt Ion:252 Resp: 204130

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

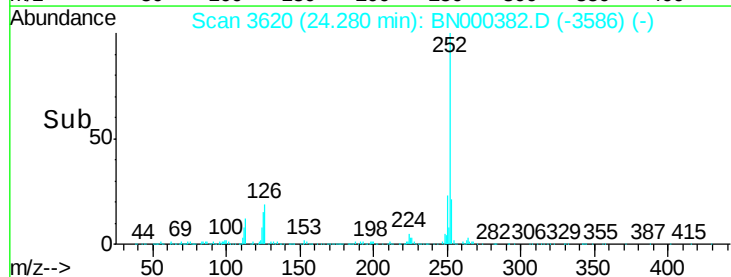
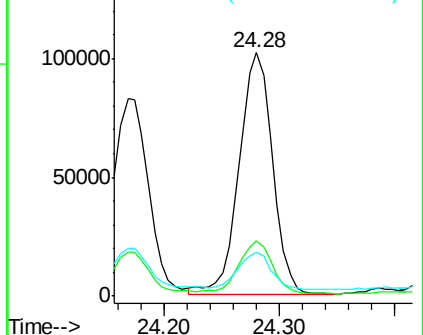
125 18.3 8.2 12.4#

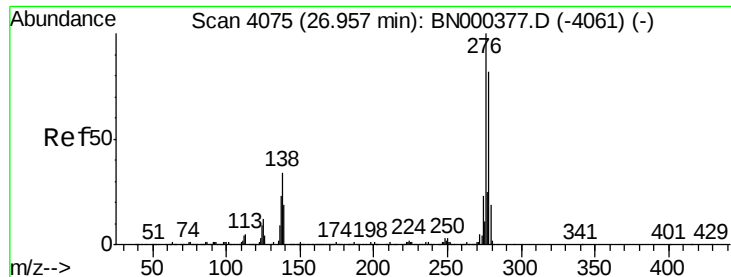


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



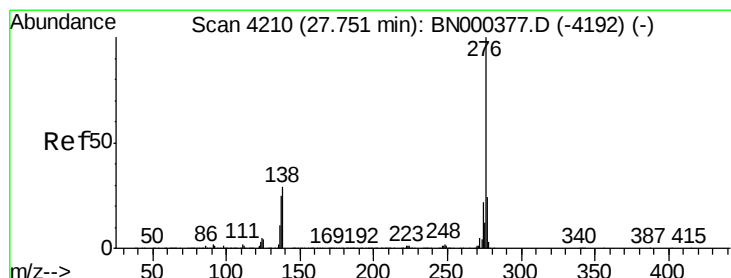
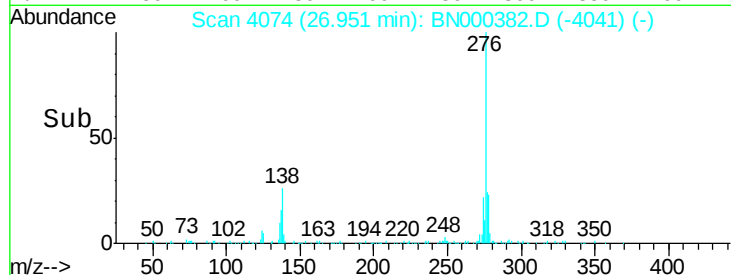
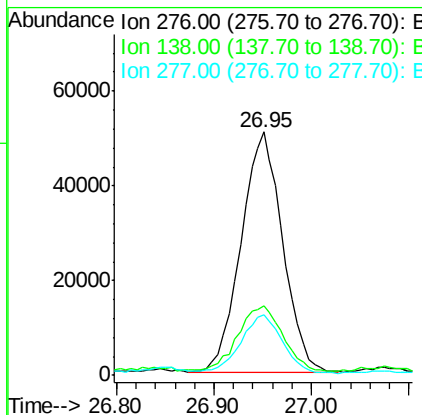
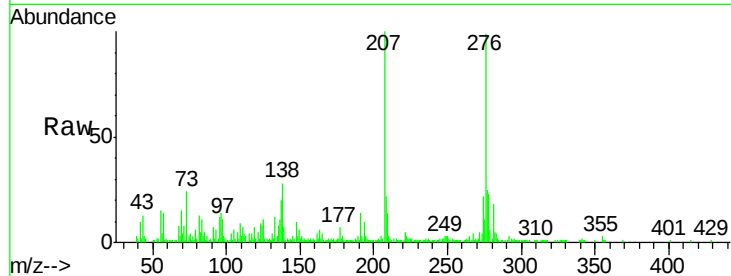


#27

Indeno(1,2,3-cd)pyrene
Concen: 1.843 ng/ul
RT: 26.95 min Scan# 4074
Delta R.T. -0.01 min
Lab File: BN000382.D
Acq: 14 Mar 2018 19:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 149530
Ion Ratio Lower Upper
276 100
138 28.7 14.4 21.6#
277 24.8 18.0 27.0



#29

Benzo(g,h,i)perylene
Concen: 1.841 ng/ul
RT: 27.74 min Scan# 4209
Delta R.T. -0.01 min
Lab File: BN000382.D
Acq: 14 Mar 2018 19:41

Tgt Ion:276 Resp: 124770
Ion Ratio Lower Upper
276 100
138 29.1 15.3 22.9#
277 25.4 19.0 28.4

