

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
 Data File : BN000388.D
 Acq On : 14 Mar 2018 23:08
 Operator : JU/SJ
 Sample : J1865-22
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 15 07:07:59 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

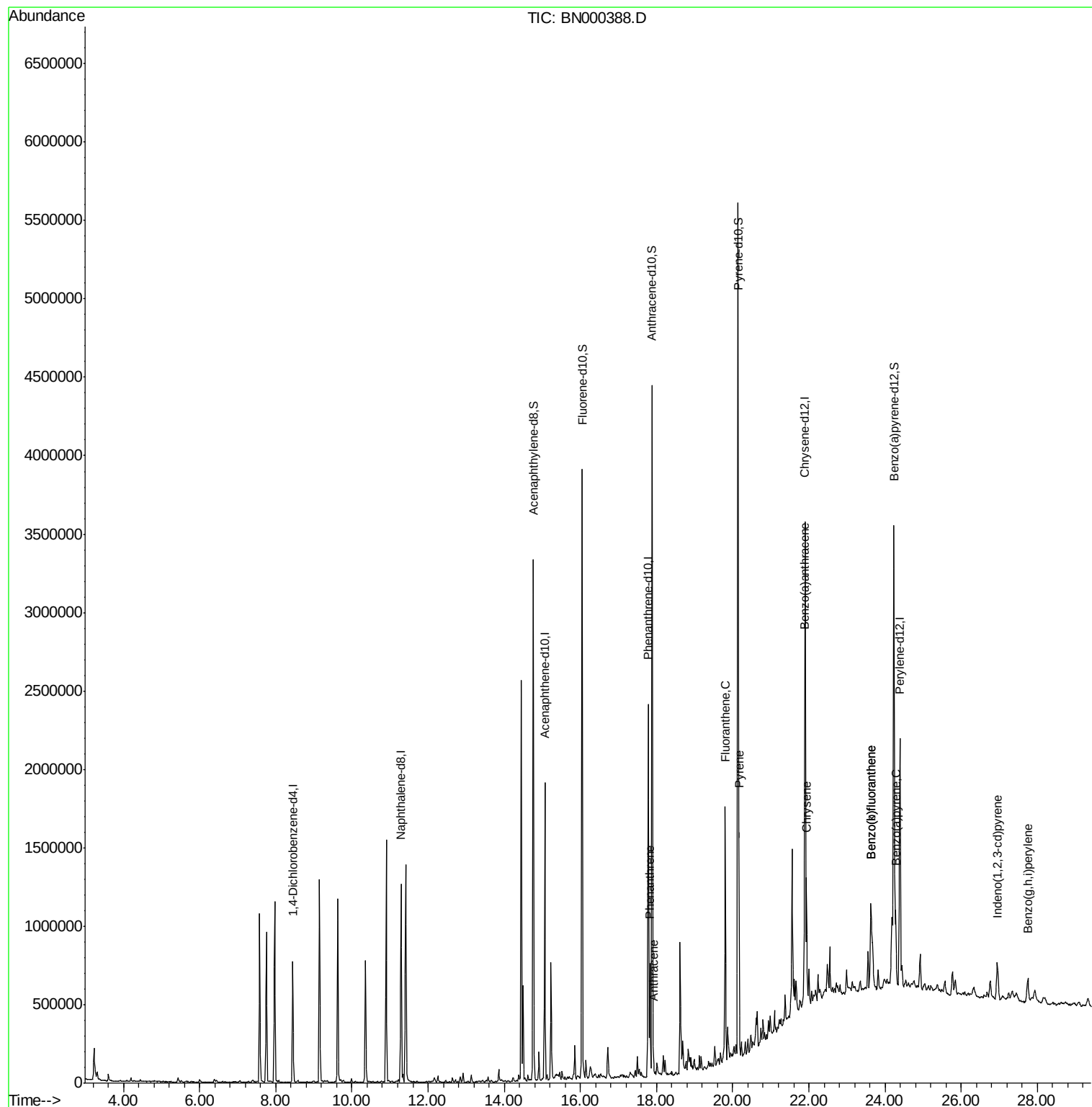
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	213062	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1042765	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	598816	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1345256	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1270957	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1164974	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	2303035	38.75	ng/ul	0.00
10) Fluorene-d10	16.05	176	1506629	37.44	ng/ul	0.00
14) Anthracene-d10	17.88	188	2334726	37.15	ng/ul	0.00
18) Pyrene-d10	20.14	212	2582329	41.53	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	2027626	38.11	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.83	178	407936	5.288	ng/ul	100
15) Anthracene	17.92	178	79955	1.021	ng/ul	99
16) Fluoranthene	19.80	202	866629	10.397	ng/ul#	94
19) Pyrene	20.16	202	742593	9.254	ng/ul#	88
20) Benzo(a)anthracene	21.89	228	407673	5.160	ng/ul	98
21) Chrysene	21.94	228	415659	5.543	ng/ul	97
23) Benzo(b)fluoranthene	23.63	252	514702	7.409	ng/ul#	94
24) Benzo(k)fluoranthene	23.63	252	652572	10.036	ng/ul#	94
26) Benzo(a)pyrene	24.28	252	328226	4.964	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.95	276	206244	2.893	ng/ul#	85
29) Benzo(g,h,i)perylene	27.75	276	188506	3.167	ng/ul#	87

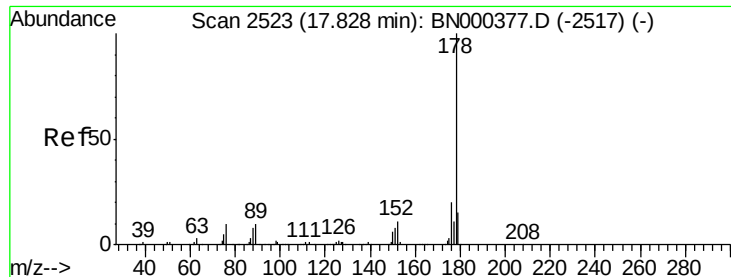
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 5.288 ng/ul

RT: 17.83 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BN000388.D

Acq: 14 Mar 2018 23:08

Instrument :

BNA_N

ClientSampleId :

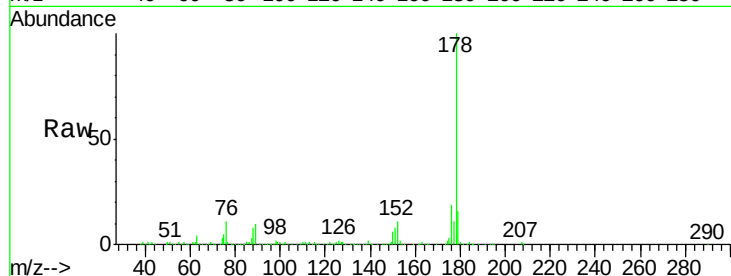
Tot Ion:178 Resp: 407936

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

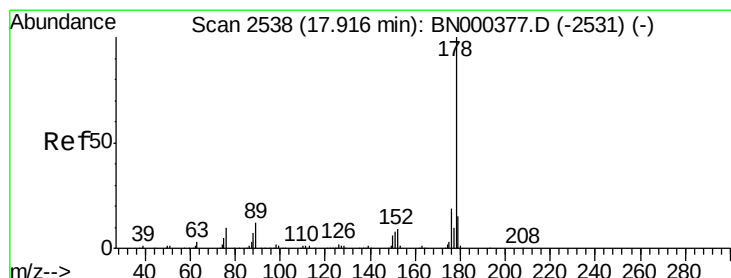
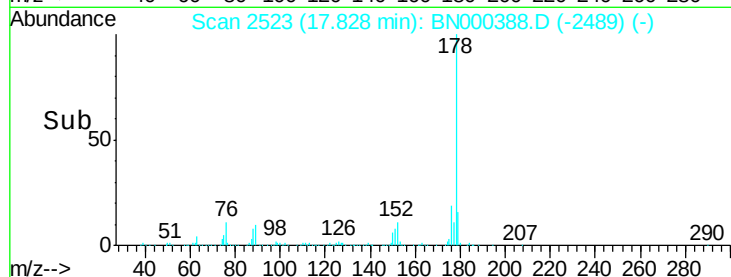
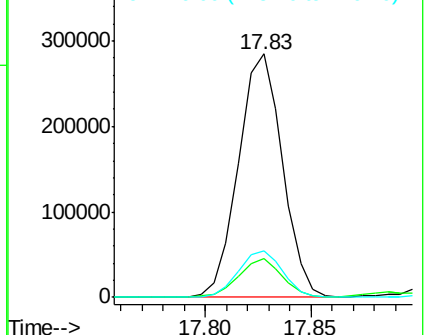
176 18.9 15.1 22.7



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: 1.021 ng/ul

RT: 17.92 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BN000388.D

Acq: 14 Mar 2018 23:08

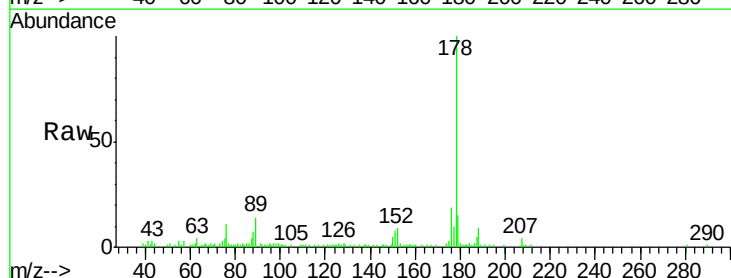
Tgt Ion:178 Resp: 79955

Ion Ratio Lower Upper

178 100

179 15.4 11.8 17.8

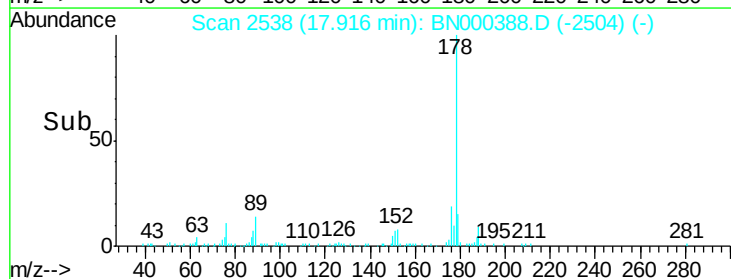
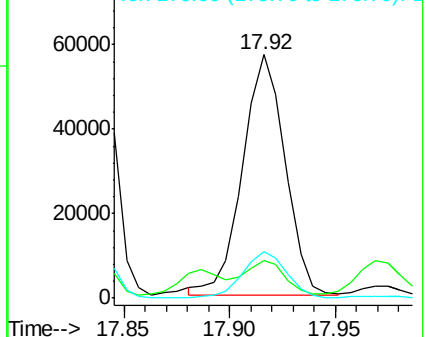
176 19.0 15.2 22.8

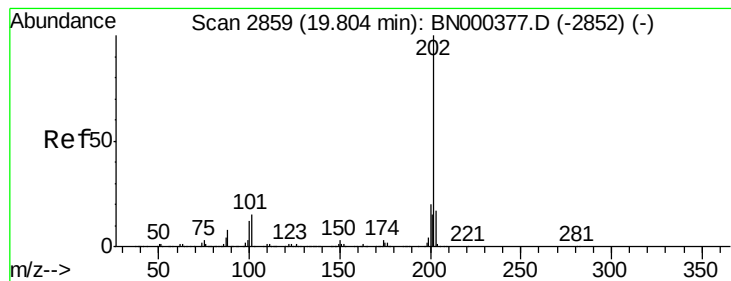


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#16

Fluoranthene

Concen: 10.397 ng/ul

RT: 19.80 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BN000388.D

Acq: 14 Mar 2018 23:08

Instrument :

BNA_N

ClientSampleId :

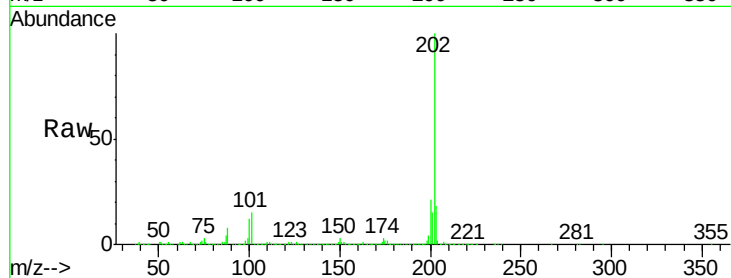
Tot Ion:202 Resp: 866629

Ion Ratio Lower Upper

202 100

101 14.7 9.9 14.9

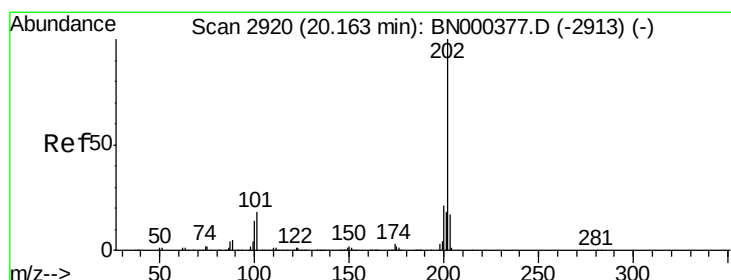
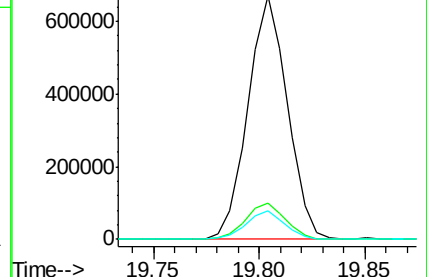
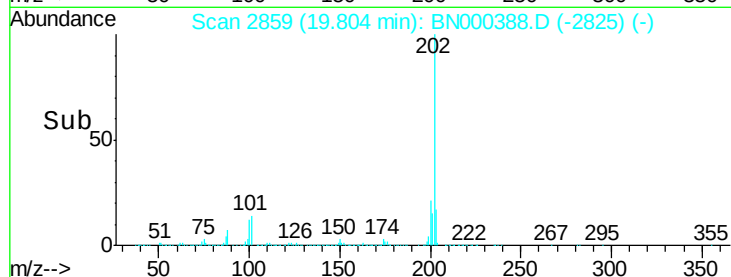
100 11.6 7.4 11.0#



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

Pyrene

Concen: 9.254 ng/ul

RT: 20.16 min Scan# 2920

Delta R.T. -0.00 min

Lab File: BN000388.D

Acq: 14 Mar 2018 23:08

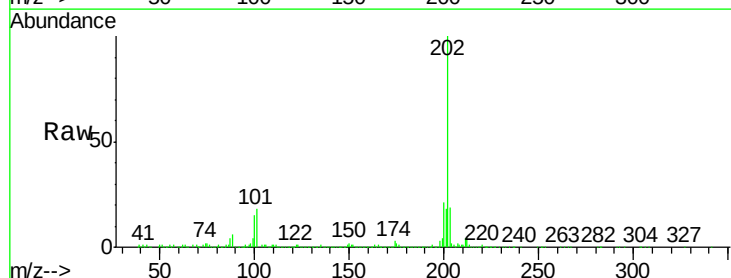
Tgt Ion:202 Resp: 742593

Ion Ratio Lower Upper

202 100

101 18.2 11.0 16.4#

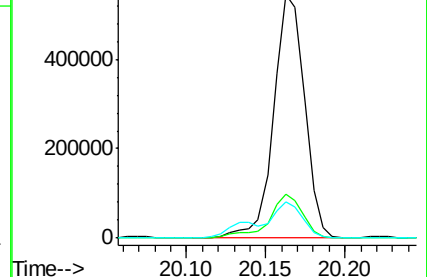
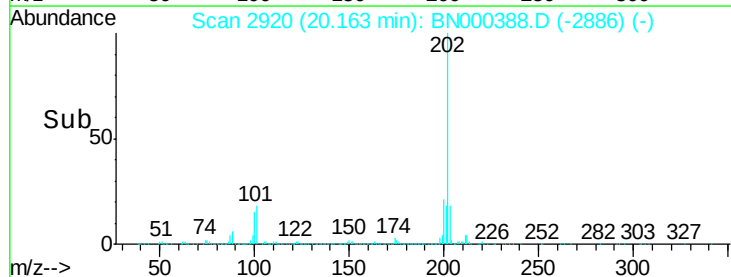
100 14.8 8.1 12.1#

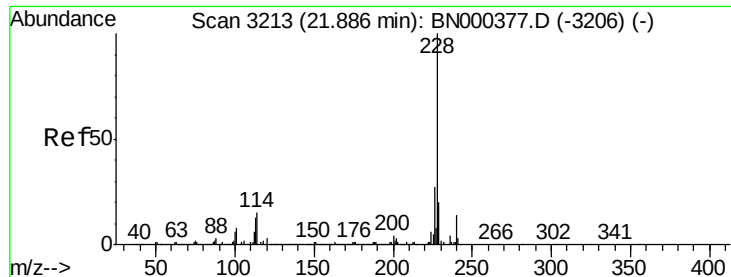


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Benzo(a)anthracene

Concen: 5.160 ng/ul

RT: 21.89 min Scan# 3213

Delta R.T. -0.00 min

Lab File: BN000388.D

Acq: 14 Mar 2018 23:08

Instrument :

BNA_N

ClientSampleId :

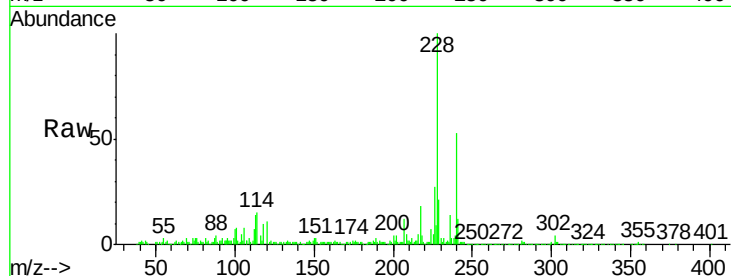
Tot Ion:228 Resp: 407673

Ion Ratio Lower Upper

228 100

229 21.1 15.7 23.5

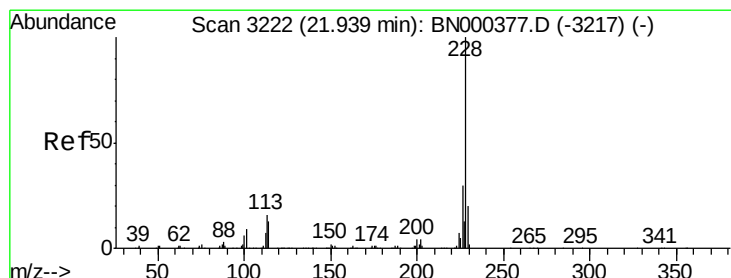
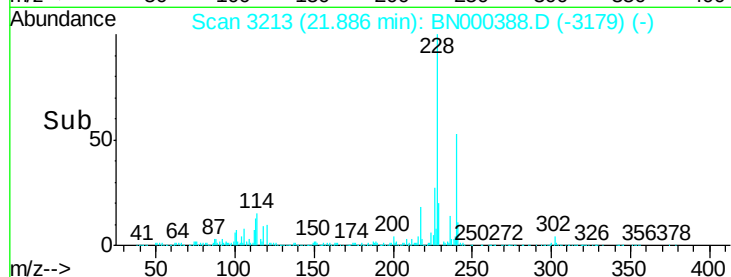
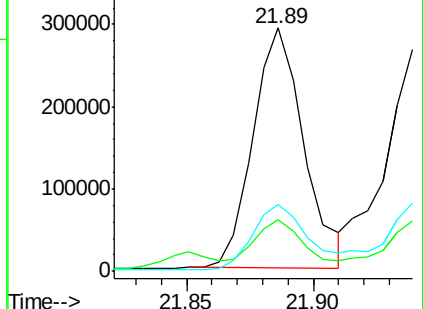
226 27.3 21.1 31.7



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: 5.543 ng/ul

RT: 21.94 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BN000388.D

Acq: 14 Mar 2018 23:08

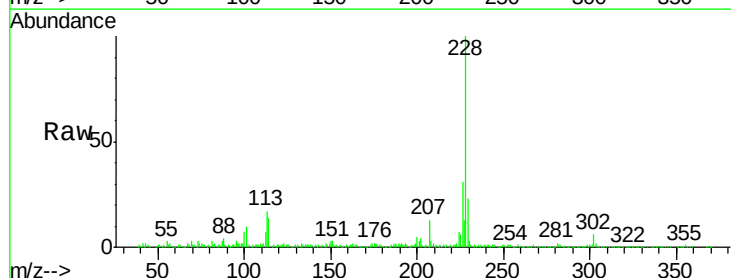
Tgt Ion:228 Resp: 415659

Ion Ratio Lower Upper

228 100

226 30.9 24.5 36.7

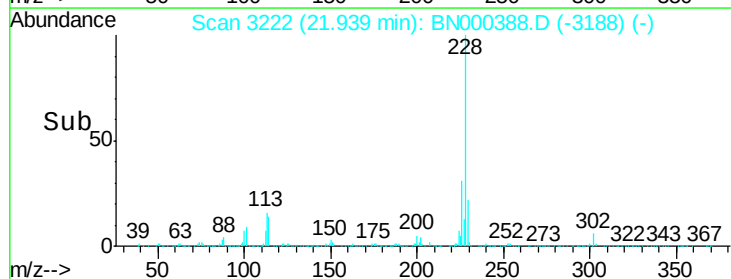
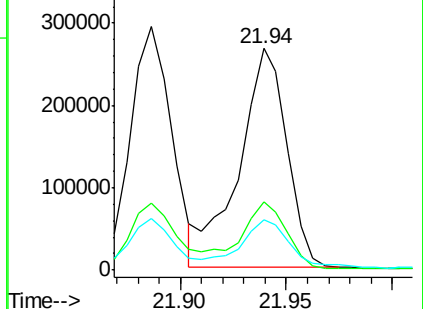
229 22.9 15.8 23.8

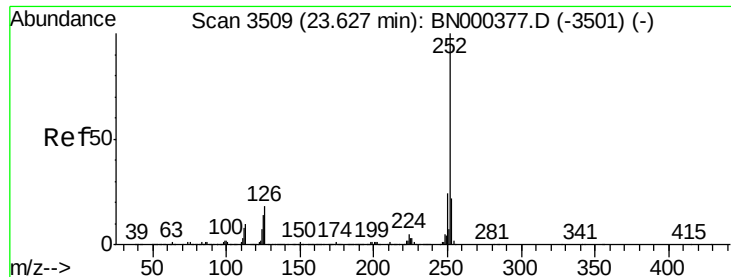


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

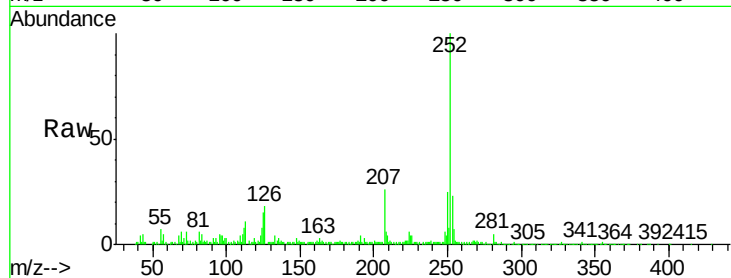




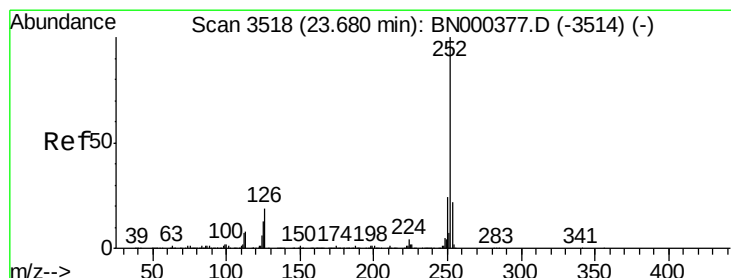
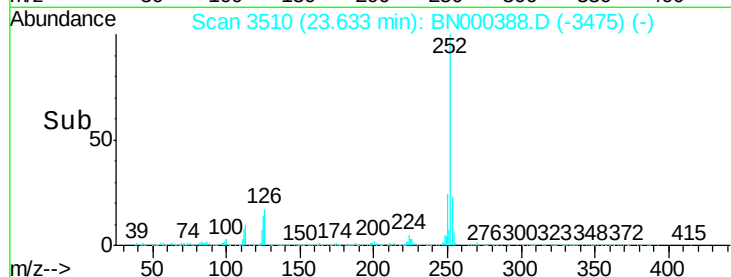
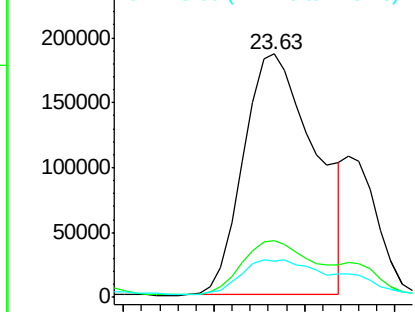
#23
Benzo(b)fluoranthene
Concen: 7.409 ng/ul
RT: 23.63 min Scan# 3510
Delta R.T. 0.01 min
Lab File: BN000388.D
Acq: 14 Mar 2018 23:08

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	15.1	8.0	12.0

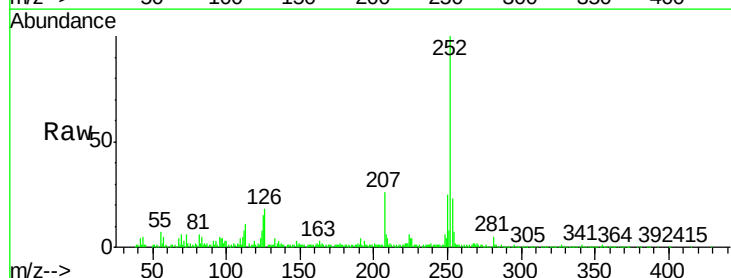


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

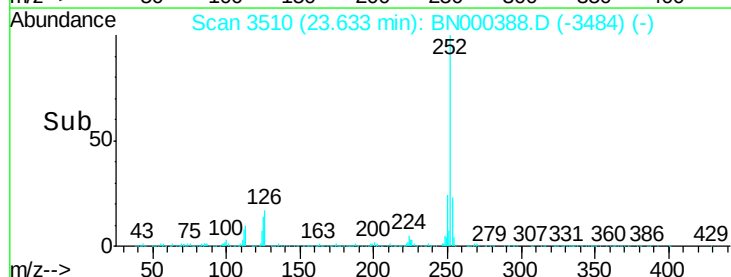
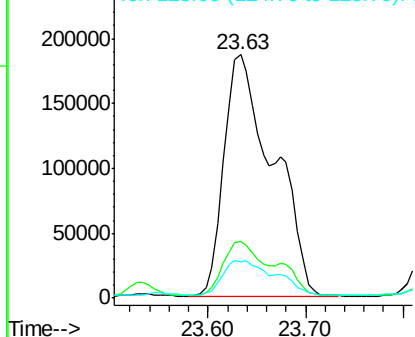


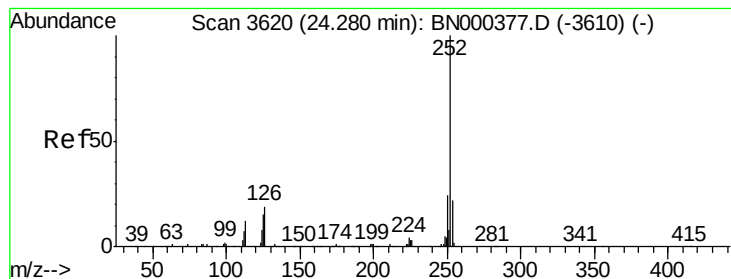
#24
Benzo(k)fluoranthene
Concen: 10.036 ng/ul
RT: 23.63 min Scan# 3510
Delta R.T. -0.05 min
Lab File: BN000388.D
Acq: 14 Mar 2018 23:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	15.1	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: 4.964 ng/ul

RT: 24.28 min Scan# 3620

Delta R.T. -0.00 min

Lab File: BN000388.D

Acq: 14 Mar 2018 23:08

Instrument :

BNA_N

ClientSampled :

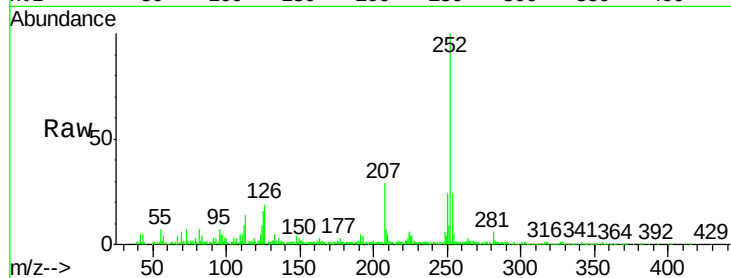
Tot Ion:252 Resp: 328226

Ion Ratio Lower Upper

252 100

253 23.7 17.2 25.8

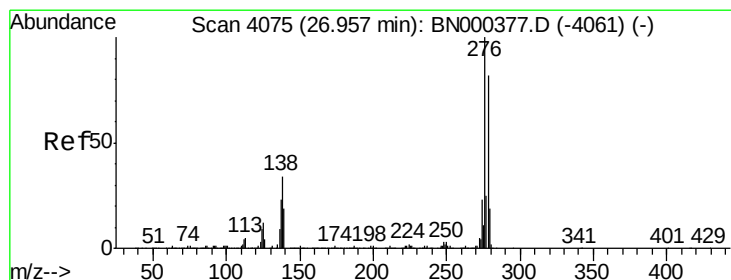
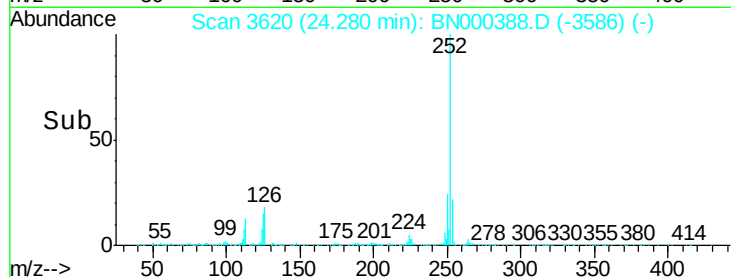
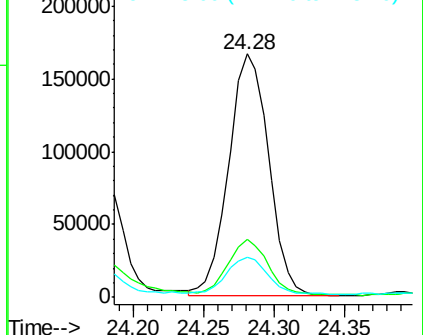
125 16.3 8.2 12.4#



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: 2.893 ng/ul

RT: 26.95 min Scan# 4074

Delta R.T. -0.01 min

Lab File: BN000388.D

Acq: 14 Mar 2018 23:08

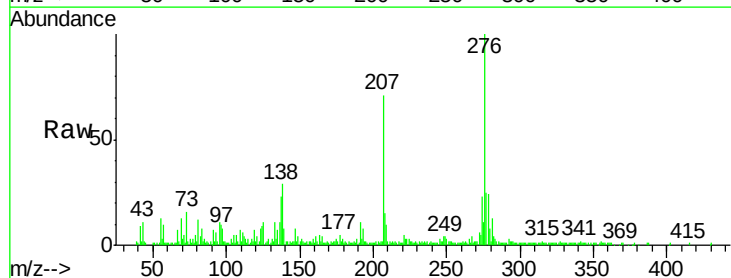
Tgt Ion:276 Resp: 206244

Ion Ratio Lower Upper

276 100

138 29.3 14.4 21.6#

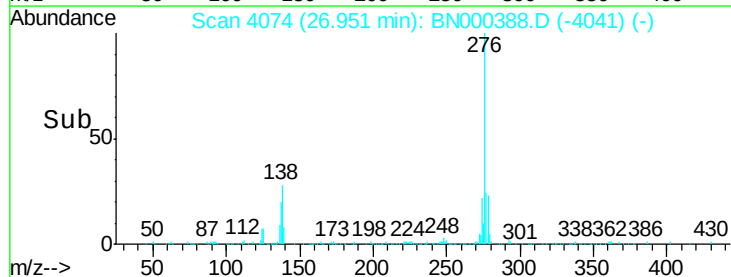
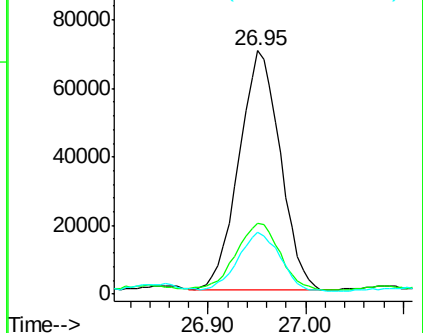
277 25.4 18.0 27.0

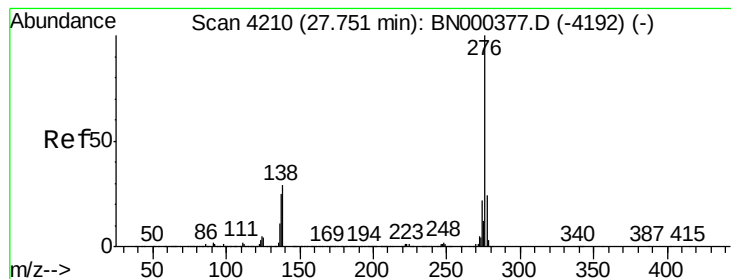


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#29

Benzo(a,h,i)perylene

Concen: 3.167 ng/ul

RT: 27.75 min Scan# 4210

Delta R.T. -0.00 min

Lab File: BN000388.D

Acq: 14 Mar 2018 23:08

Instrument :

BNA_N

ClientSampleId :

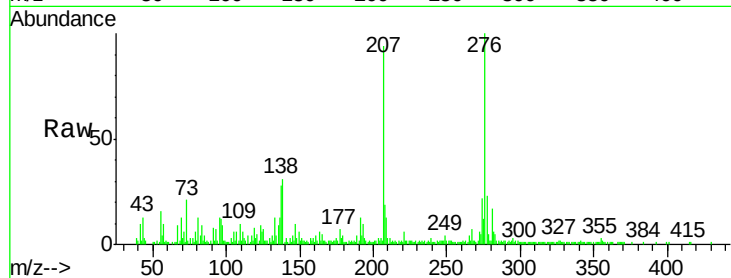
Tot Ion:276 Resp: 188506

Ion Ratio Lower Upper

276 100

138 31.0 15.3 22.9#

277 22.9 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

