

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
 Data File : BN000421.D
 Acq On : 15 Mar 2018 18:20
 Operator : JU/SJ
 Sample : J1865-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 16 06:48:36 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 06:47:18 2018
 Response via : Initial Calibration

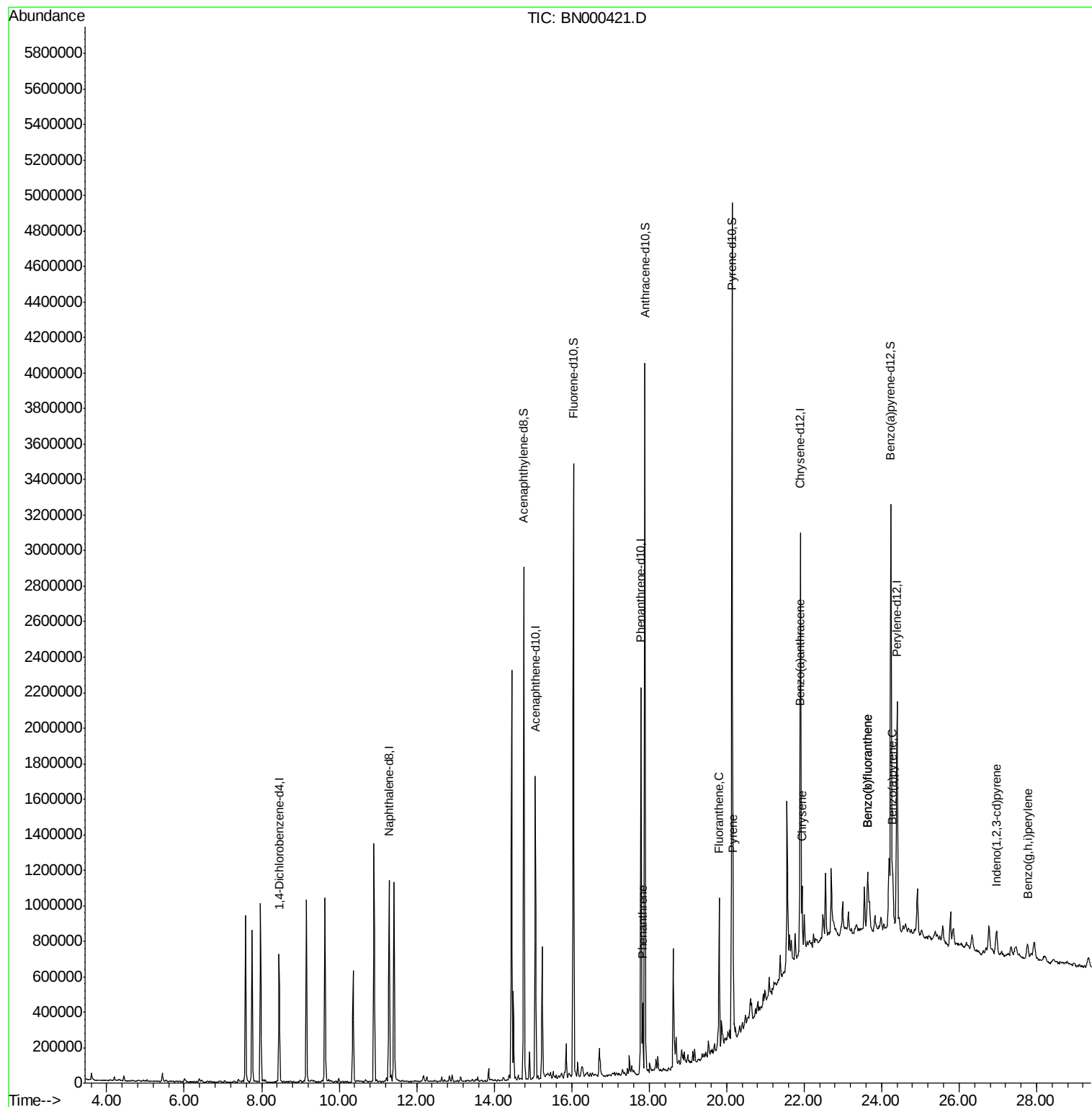
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	199821	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	952816	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	536026	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1177855	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	1006666	20.00	ng/ul	0.00
22) Perylene-d12	24.40	264	921826	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	2002483	37.64	ng/ul	0.00
10) Fluorene-d10	16.05	176	1321884	36.69	ng/ul	0.00
14) Anthracene-d10	17.89	188	2077232	37.75	ng/ul	0.00
18) Pyrene-d10	20.14	212	2176616	44.20	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.24	264	1627410	38.66	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.83	178	224388	3.322	ng/ul	99
16) Fluoranthene	19.81	202	462631	6.339	ng/ul#	92
19) Pyrene	20.17	202	377184	5.935	ng/ul#	91
20) Benzo(a)anthracene	21.89	228	197012	3.148	ng/ul	97
21) Chrysene	21.95	228	201131	3.387	ng/ul	96
23) Benzo(b)fluoranthene	23.64	252	272997	4.966	ng/ul#	91
24) Benzo(k)fluoranthene	23.64	252	272997	5.306	ng/ul#	91
26) Benzo(a)pyrene	24.29	252	160302	3.064	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.97	276	118355	2.098	ng/ul#	84
29) Benzo(g,h,i)perylene	27.77	276	104620	2.221	ng/ul#	82

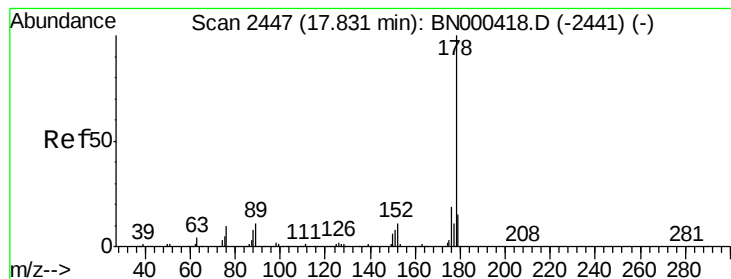
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 3.322 ng/ul

RT: 17.83 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BN000421.D

Acq: 15 Mar 2018 18:20

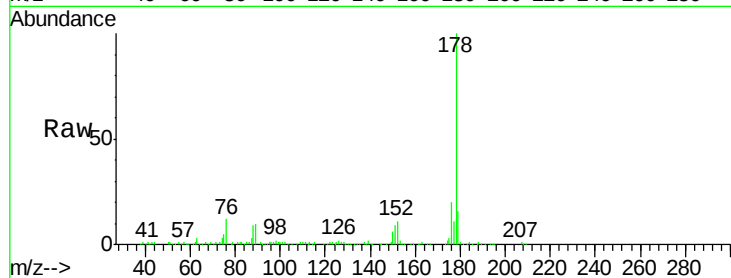
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 224388

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	19.6	15.1	22.7

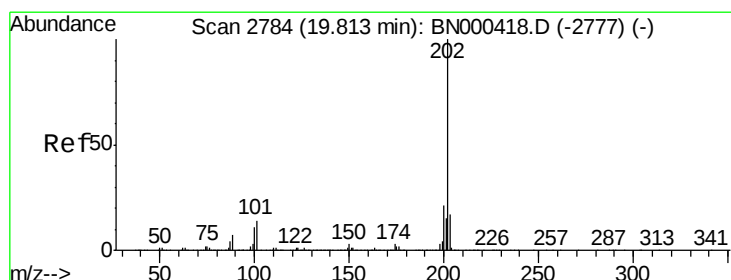
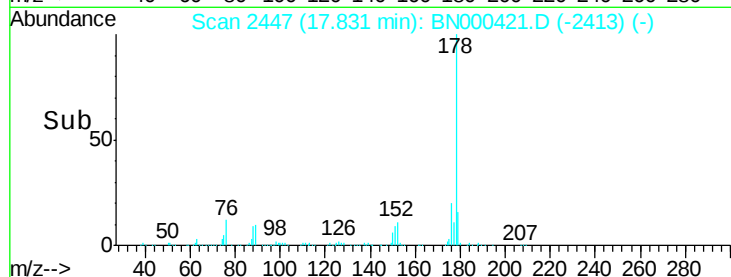
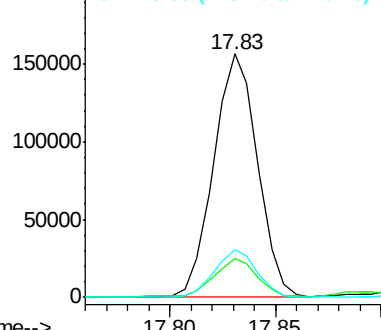


Abundance

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: 6.339 ng/ul

RT: 19.81 min Scan# 2783

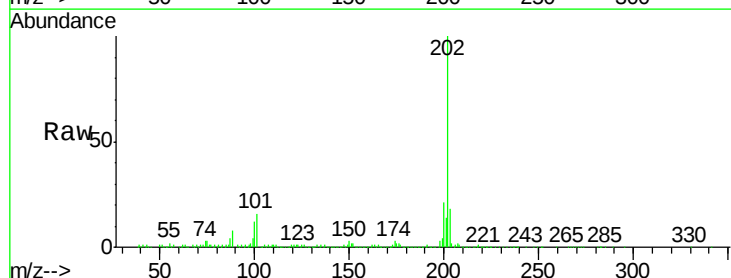
Delta R.T. -0.01 min

Lab File: BN000421.D

Acq: 15 Mar 2018 18:20

Tgt Ion:202 Resp: 462631

Ion	Ratio	Lower	Upper
202	100		
101	15.6	9.9	14.9#
100	11.6	7.4	11.0#

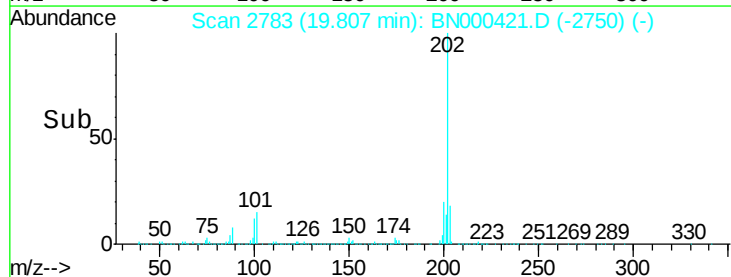
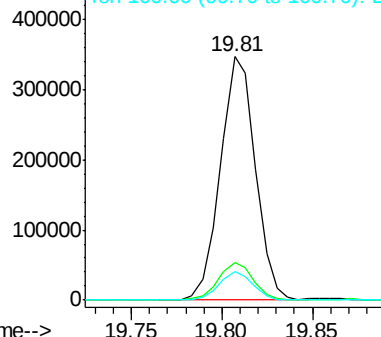


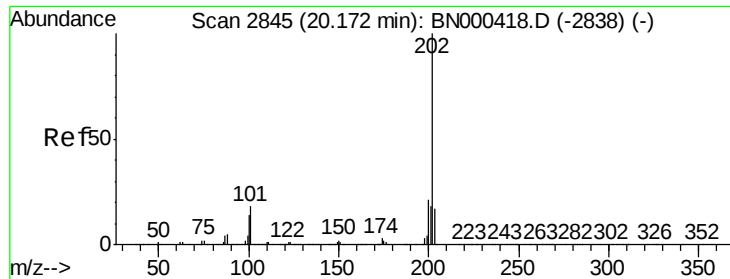
Abundance

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

Pvrene

Concen: 5.935 ng/ul

RT: 20.17 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BN000421.D

Acq: 15 Mar 2018 18:20

Instrument :

BNA_N

ClientSampleId :

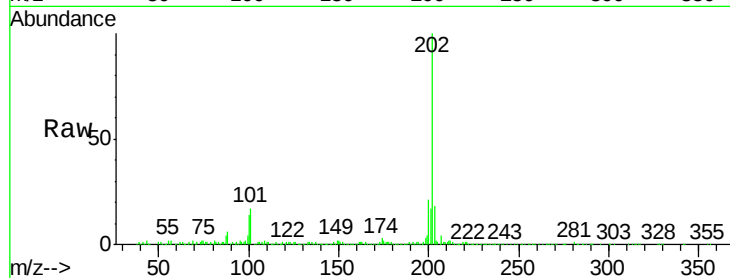
Tot Ion:202 Resp: 377184

Ion Ratio Lower Upper

202 100

101 17.3 11.0 16.4#

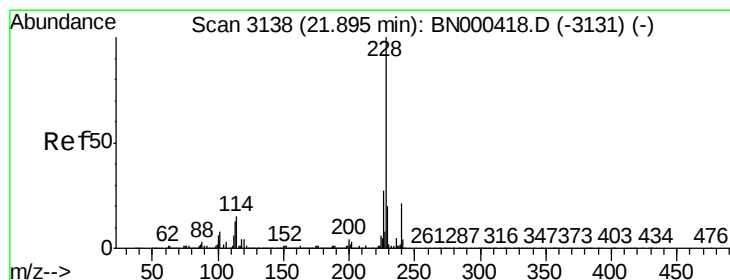
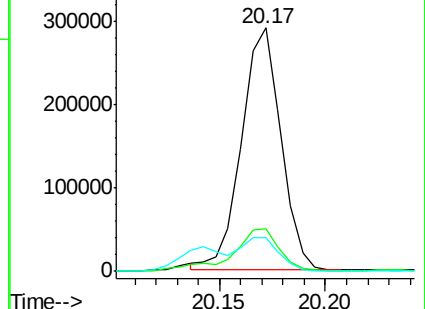
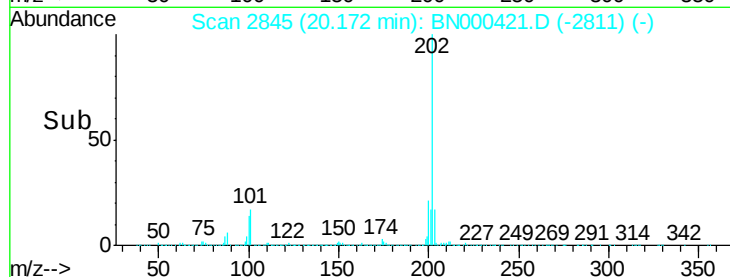
100 13.8 8.1 12.1#



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: 3.148 ng/ul

RT: 21.89 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BN000421.D

Acq: 15 Mar 2018 18:20

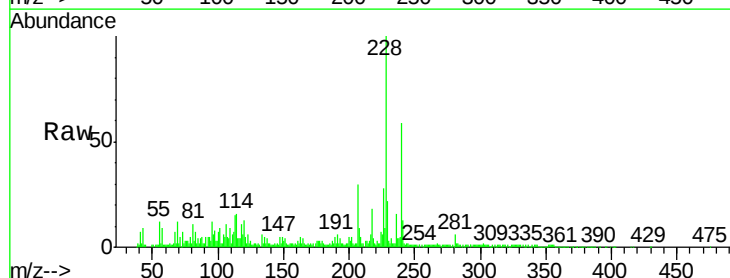
Tgt Ion:228 Resp: 197012

Ion Ratio Lower Upper

228 100

229 21.7 15.7 23.5

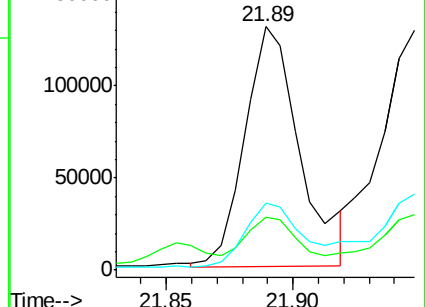
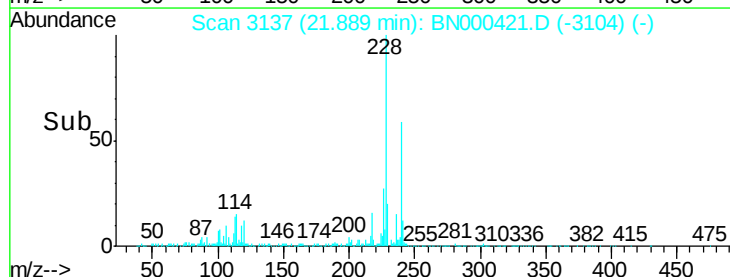
226 27.7 21.1 31.7

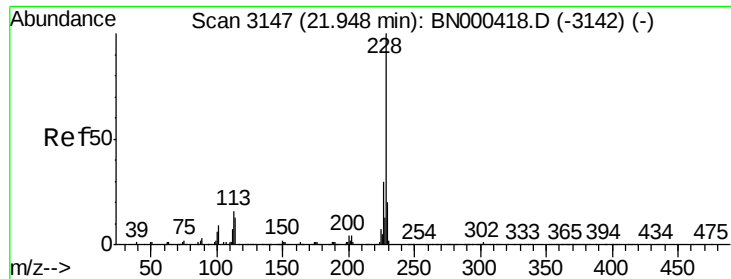


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 3.387 ng/ul

RT: 21.95 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BN000421.D

Acq: 15 Mar 2018 18:20

Instrument :

BNA_N

ClientSampleId :

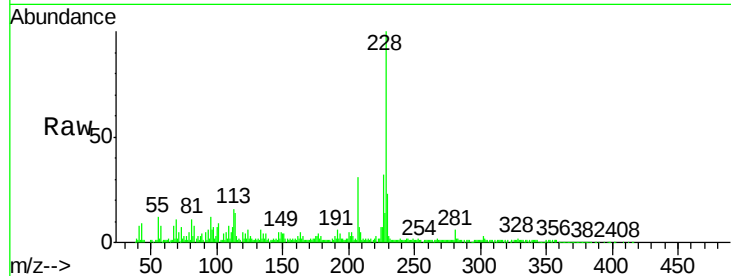
Tot Ion:228 Resp: 201131

Ion Ratio Lower Upper

228 100

226 31.5 24.5 36.7

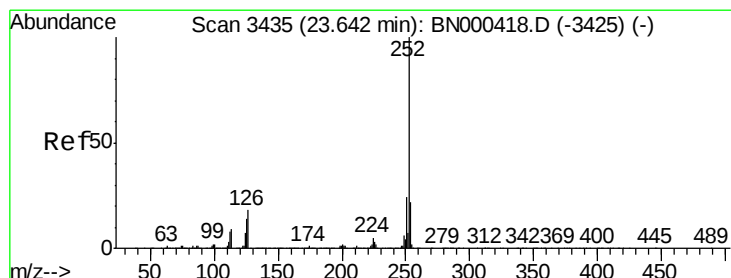
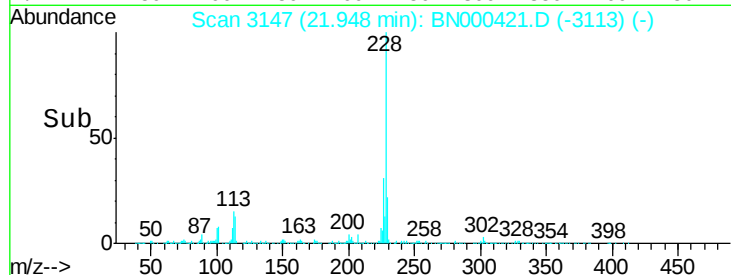
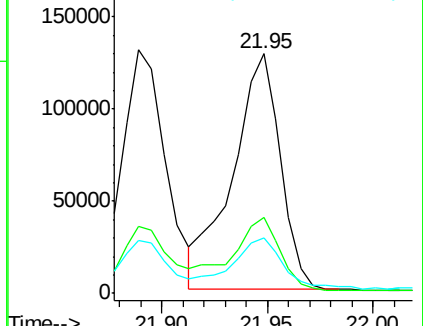
229 23.4 15.8 23.8



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: 4.966 ng/ul

RT: 23.64 min Scan# 3435

Delta R.T. -0.00 min

Lab File: BN000421.D

Acq: 15 Mar 2018 18:20

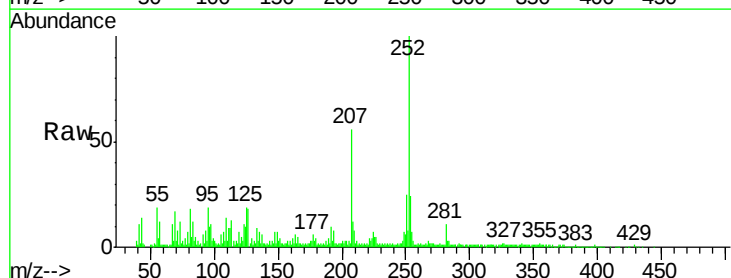
Tgt Ion:252 Resp: 272997

Ion Ratio Lower Upper

252 100

253 23.5 18.0 27.0

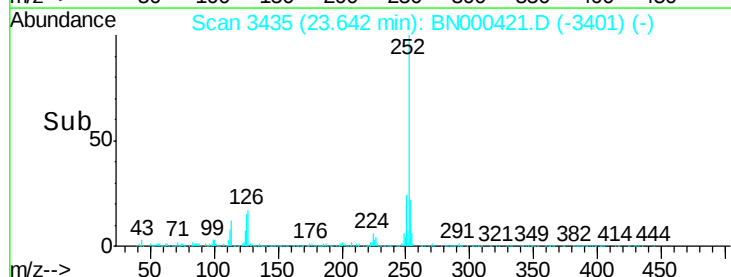
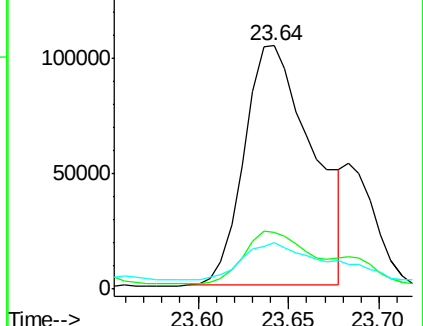
125 19.0 8.0 12.0#

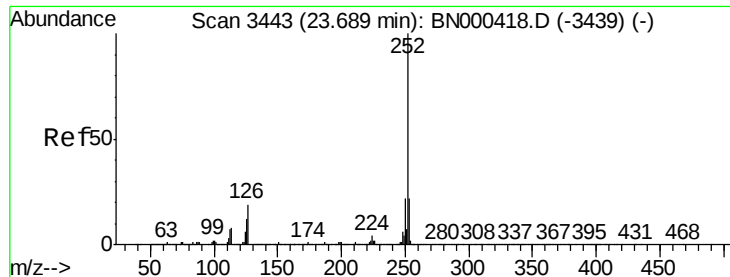


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 5.306 ng/ul

RT: 23.64 min Scan# 3435

Delta R.T. -0.05 min

Lab File: BN000421.D

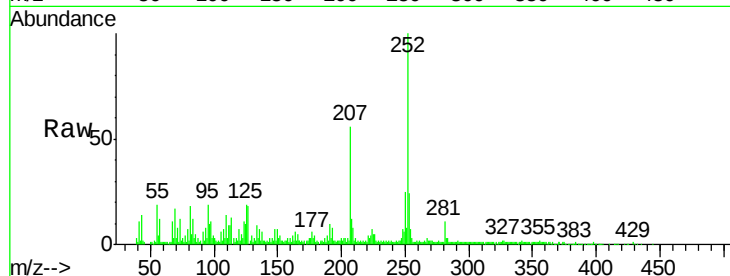
Acq: 15 Mar 2018 18:20

Instrument :

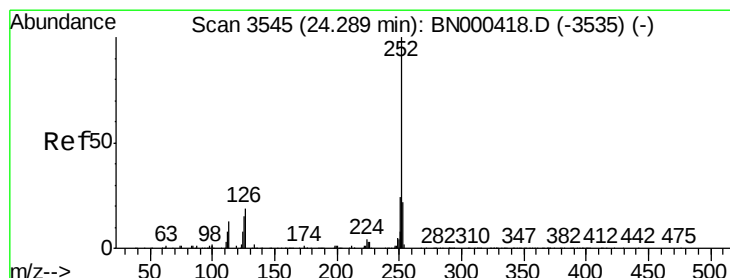
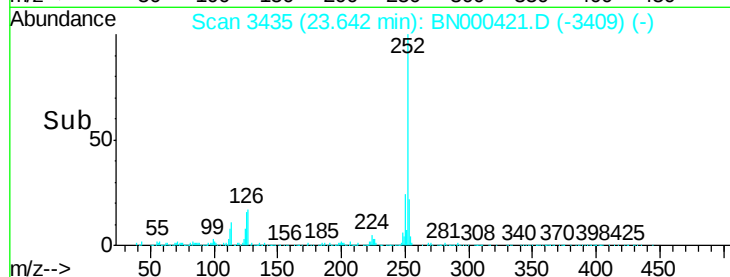
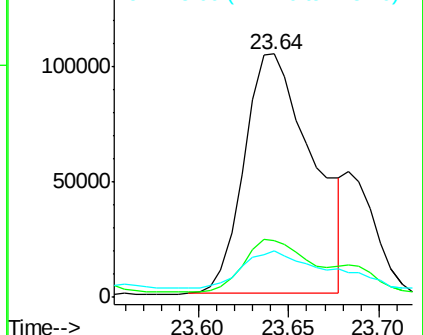
BNA_N

ClientSampleId :

Tot Ion:	252	Resp:	272997
Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	19.0	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: 3.064 ng/ul

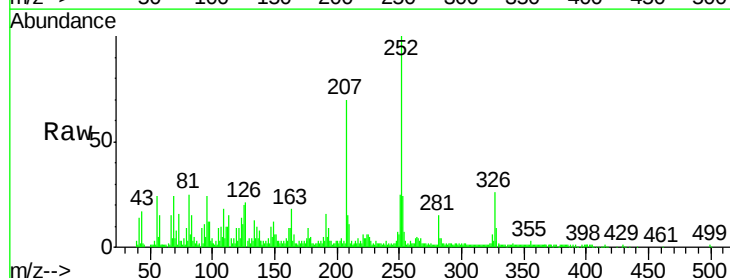
RT: 24.29 min Scan# 3545

Delta R.T. -0.00 min

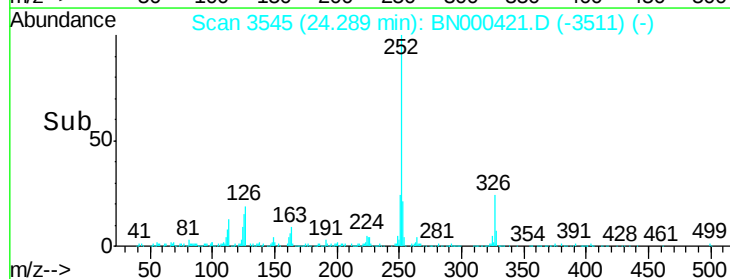
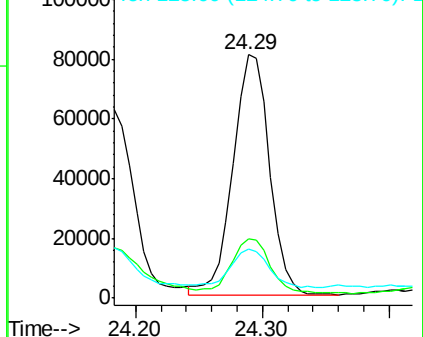
Lab File: BN000421.D

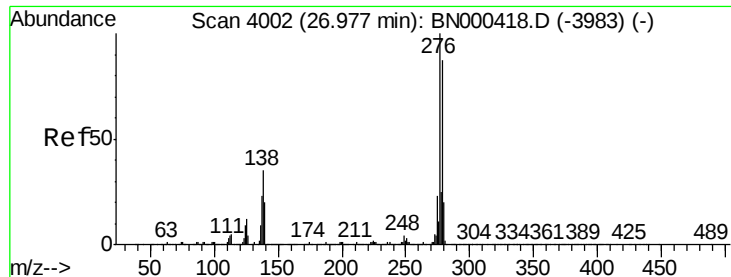
Acq: 15 Mar 2018 18:20

Tgt Ion:	252	Resp:	160302
Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.2	25.8
125	20.1	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: 2.098 ng/ul

RT: 26.97 min Scan# 4001

Delta R.T. -0.01 min

Lab File: BN000421.D

Acq: 15 Mar 2018 18:20

Instrument :

BNA_N

ClientSampleId :

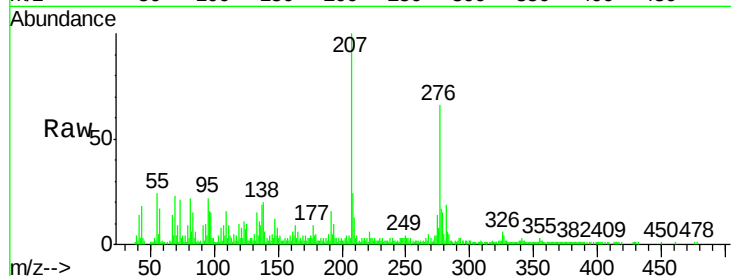
Tot Ion:276 Resp: 118355

Ion Ratio Lower Upper

276 100

138 30.7 14.4 21.6#

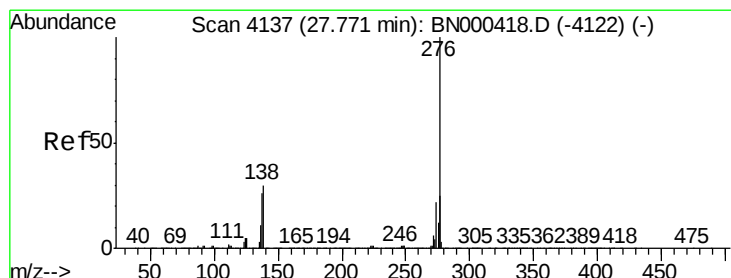
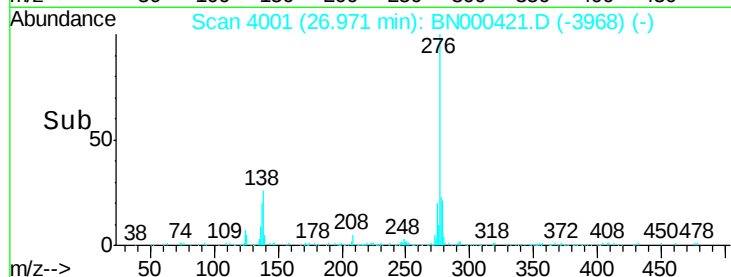
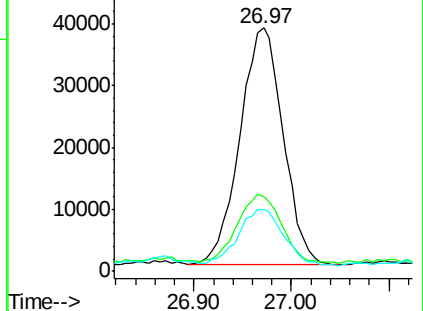
277 25.6 18.0 27.0



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(g,h,i)perylene

Concen: 2.221 ng/ul

RT: 27.77 min Scan# 4136

Delta R.T. -0.01 min

Lab File: BN000421.D

Acq: 15 Mar 2018 18:20

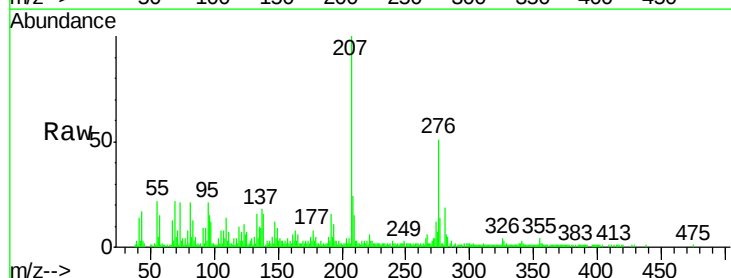
Tgt Ion:276 Resp: 104620

Ion Ratio Lower Upper

276 100

138 32.5 15.3 22.9#

277 27.6 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

