

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
 Data File : BN000420.D
 Acq On : 15 Mar 2018 17:45
 Operator : JU/SJ
 Sample : J1865-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 16 06:48:25 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

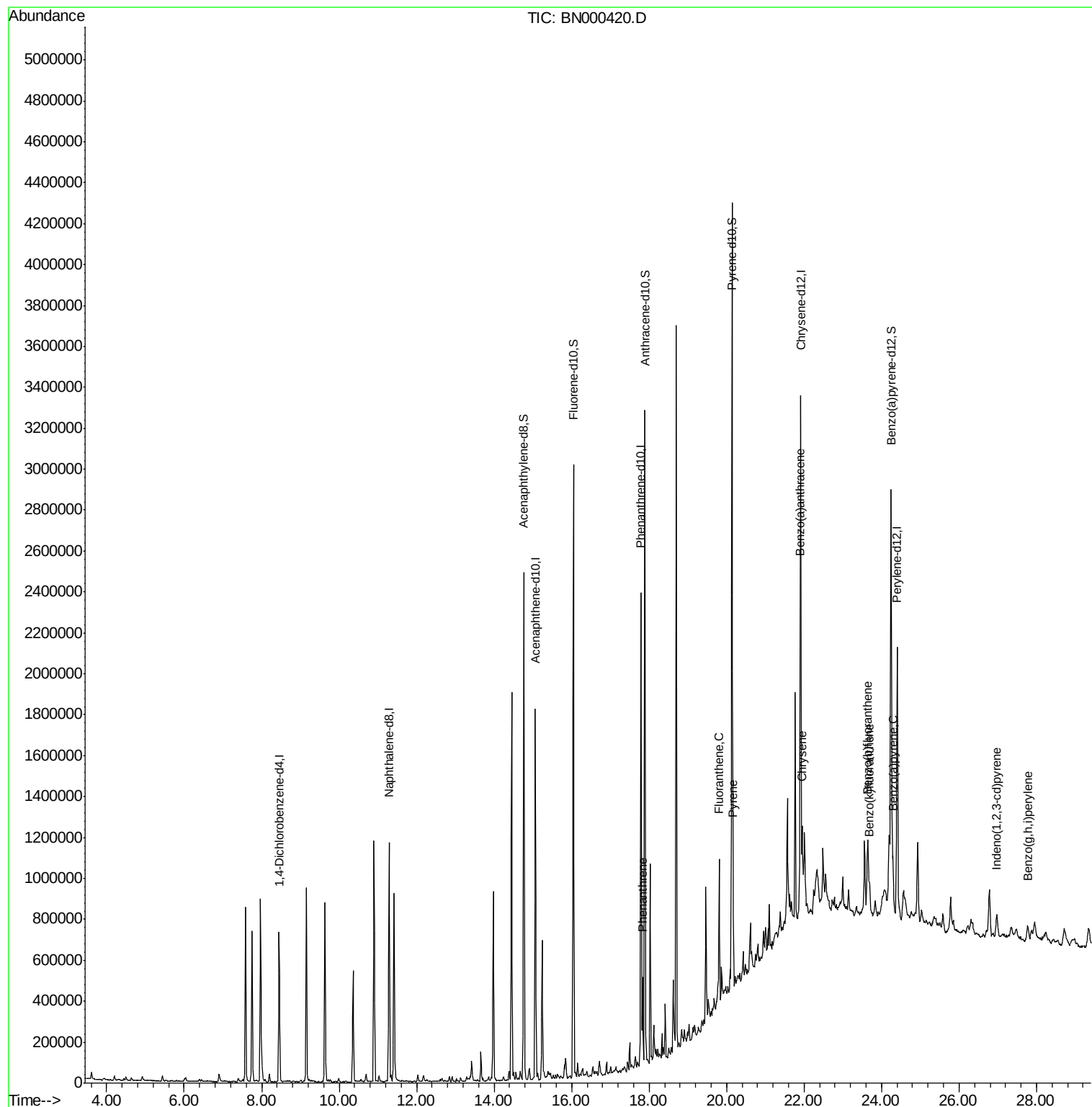
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	204505	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	976234	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	548829	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1217632	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	1043544	20.00	ng/ul	0.00
22) Perylene-d12	24.41	264	958136	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	1696781	31.15	ng/ul	0.00
10) Fluorene-d10	16.05	176	1113933	30.20	ng/ul	0.00
14) Anthracene-d10	17.89	188	1714817	30.14	ng/ul	0.00
18) Pyrene-d10	20.14	212	1785665	34.98	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.25	264	1339596	30.62	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.83	178	207290	2.968	ng/ul	99
16) Fluoranthene	19.81	202	376789	4.994	ng/ul#	92
19) Pyrene	20.17	202	301971	4.583	ng/ul#	91
20) Benzo(a)anthracene	21.90	228	161339	2.487	ng/ul	96
21) Chrysene	21.95	228	165757	2.692	ng/ul	97
23) Benzo(b)fluoranthene	23.65	252	212124	3.713	ng/ul#	89
24) Benzo(k)fluoranthene	23.69	252	87500	1.636	ng/ul#	86
26) Benzo(a)pyrene	24.29	252	145071	2.668	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.97	276	99466	1.696	ng/ul#	82
29) Benzo(g,h,i)perylene	27.77	276	89380	1.826	ng/ul#	85

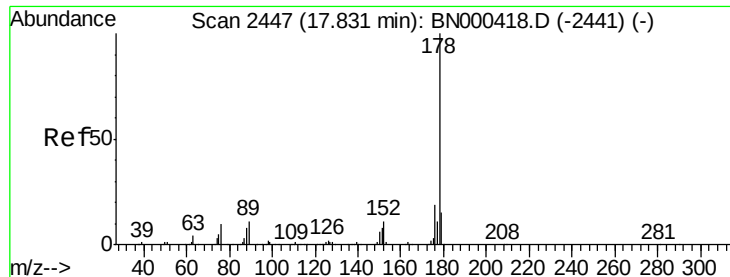
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 2.968 ng/ul

RT: 17.83 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BN000420.D

Acq: 15 Mar 2018 17:45

Instrument :

BNA_N

ClientSampleId :

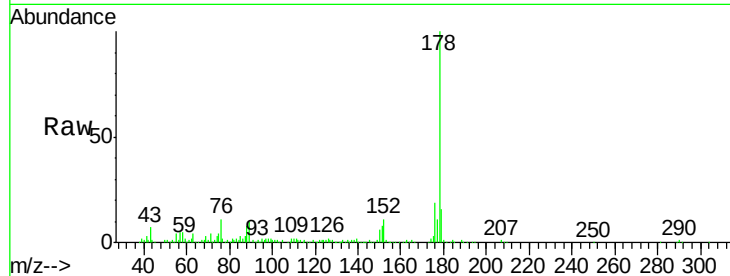
Tot Ion:178 Resp: 207290

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

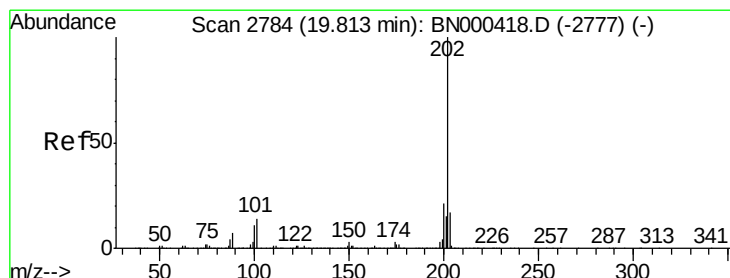
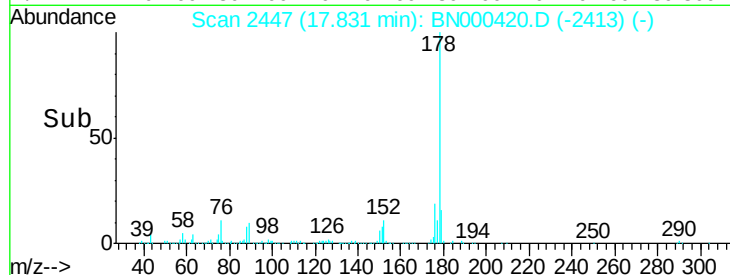
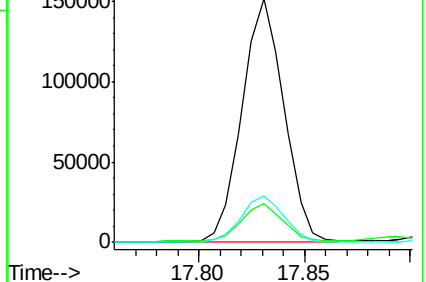
176 19.3 15.1 22.7



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: 4.994 ng/ul

RT: 19.81 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BN000420.D

Acq: 15 Mar 2018 17:45

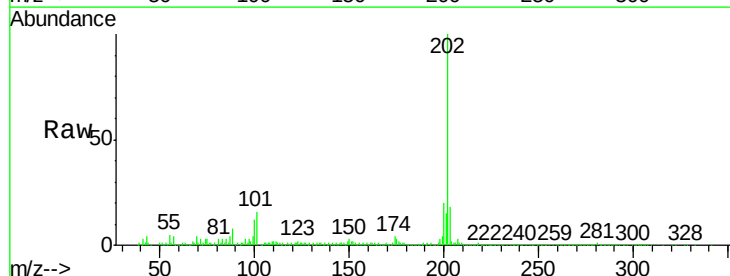
Tgt Ion:202 Resp: 376789

Ion Ratio Lower Upper

202 100

101 15.7 9.9 14.9#

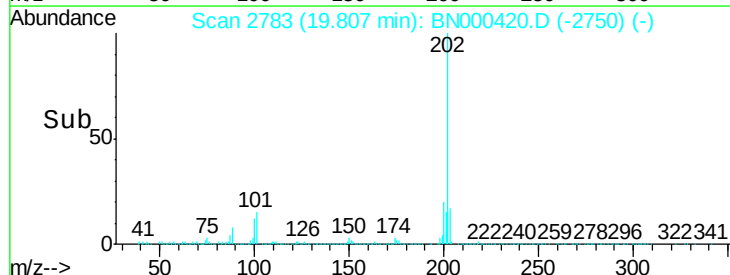
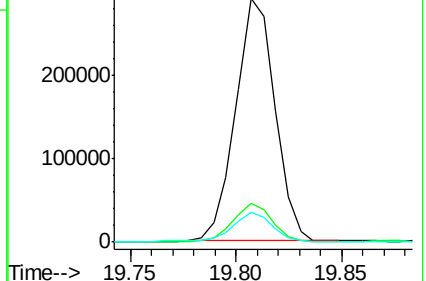
100 12.2 7.4 11.0#

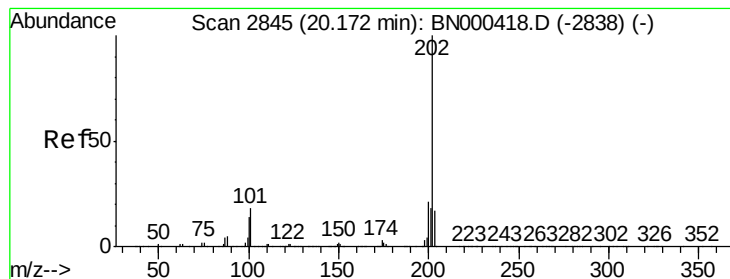


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 4.583 ng/ul

RT: 20.17 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BN000420.D

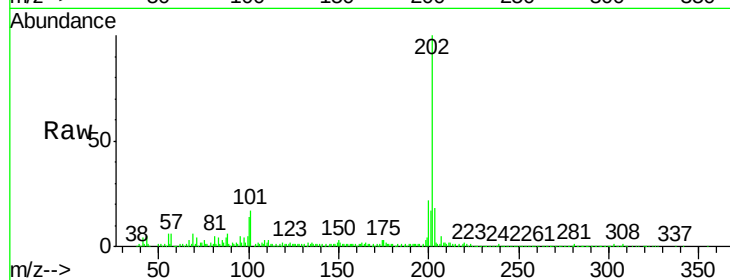
Acq: 15 Mar 2018 17:45

Instrument :

BNA_N

ClientSampleId :

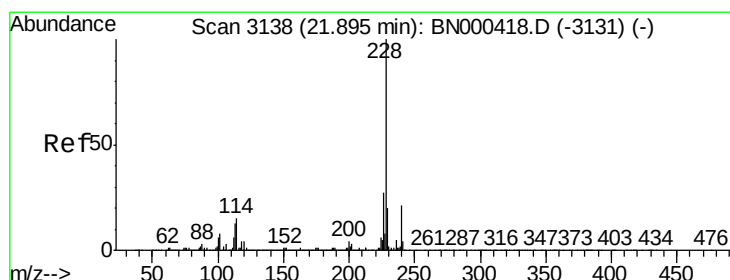
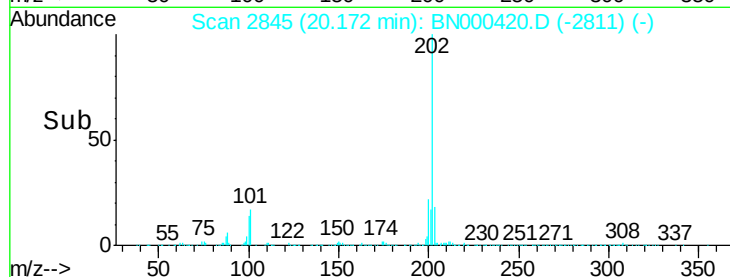
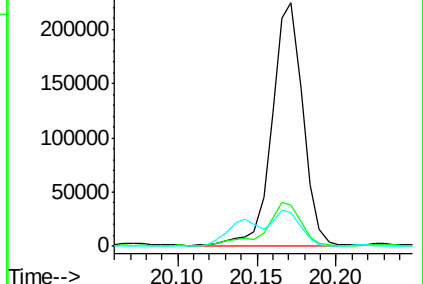
Tot Ion:	202	Resp:	301971
Ion Ratio	Lower	Upper	
202	100		
101	16.8	11.0	16.4#
100	13.7	8.1	12.1#



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): E



#20

Benzo(a)anthracene

Concen: 2.487 ng/ul

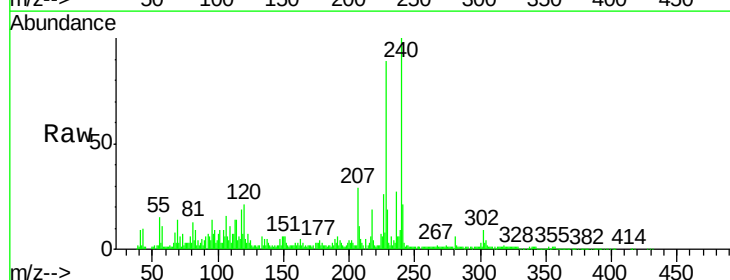
RT: 21.90 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BN000420.D

Acq: 15 Mar 2018 17:45

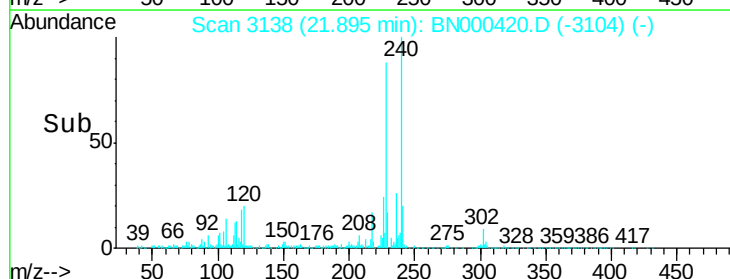
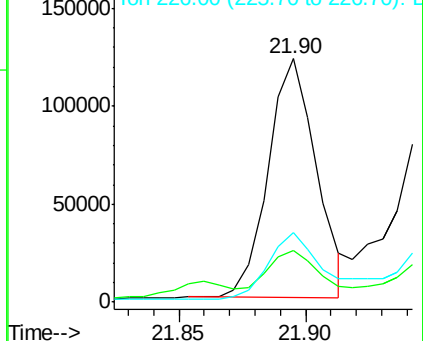
Tgt Ion:	228	Resp:	161339
Ion Ratio	Lower	Upper	
228	100		
229	21.1	15.7	23.5
226	28.8	21.1	31.7

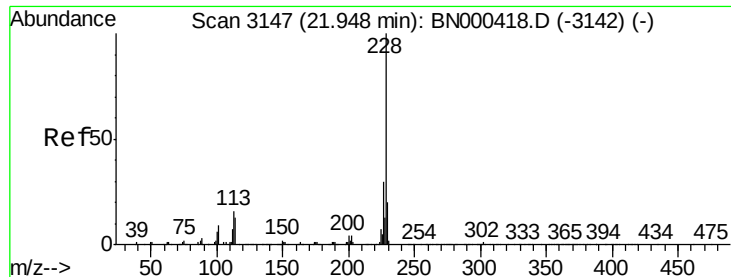


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 2.692 ng/ul

RT: 21.95 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BN000420.D

Acq: 15 Mar 2018 17:45

Instrument :

BNA_N

ClientSampleId :

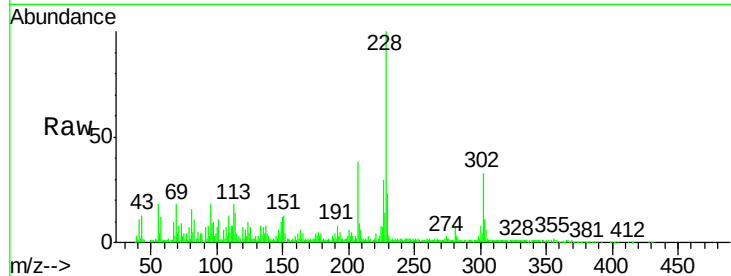
Tot Ion:228 Resp: 165757

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

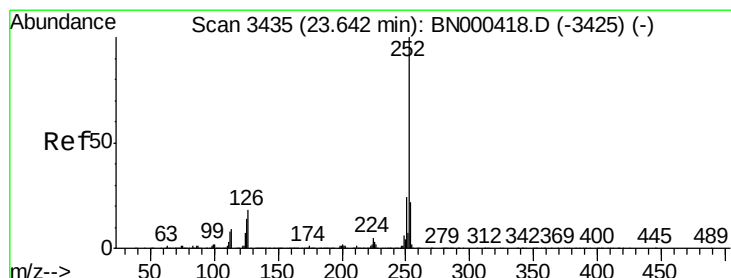
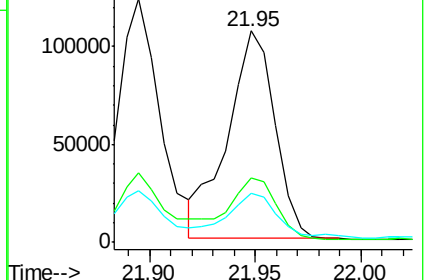
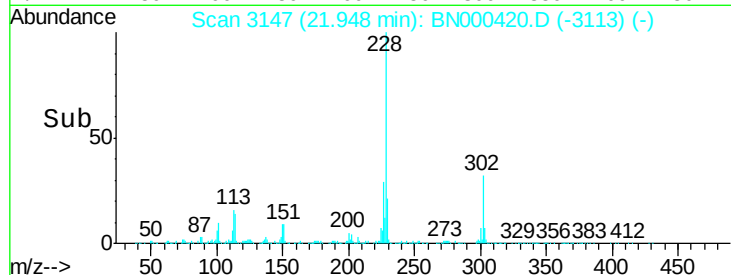
229 23.3 15.8 23.8



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: 3.713 ng/ul

RT: 23.65 min Scan# 3436

Delta R.T. 0.01 min

Lab File: BN000420.D

Acq: 15 Mar 2018 17:45

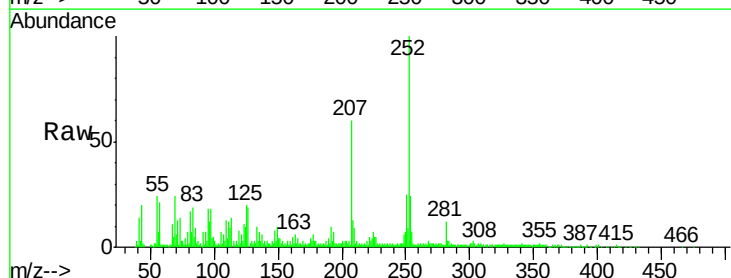
Tgt Ion:252 Resp: 212124

Ion Ratio Lower Upper

252 100

253 24.3 18.0 27.0

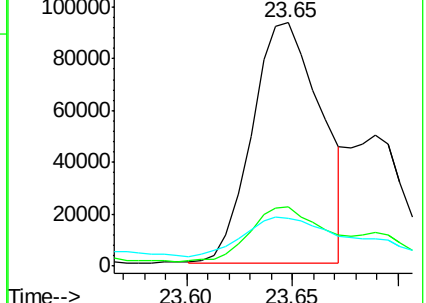
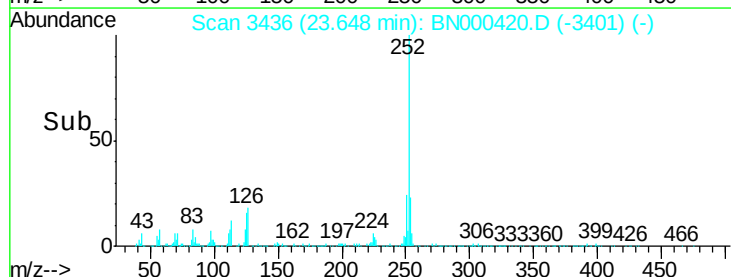
125 19.7 8.0 12.0#

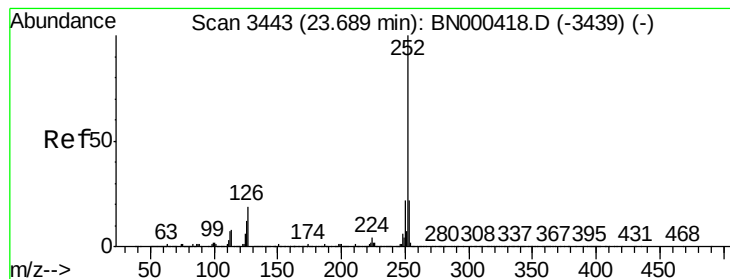


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 1.636 ng/ul

RT: 23.69 min Scan# 3443

Delta R.T. -0.00 min

Lab File: BN000420.D

Acq: 15 Mar 2018 17:45

Instrument :

BNA_N

ClientSampleId :

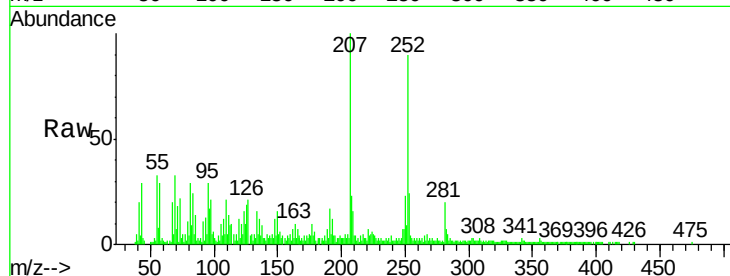
Tot Ion:252 Resp: 87500

Ion Ratio Lower Upper

252 100

253 26.1 18.0 27.0

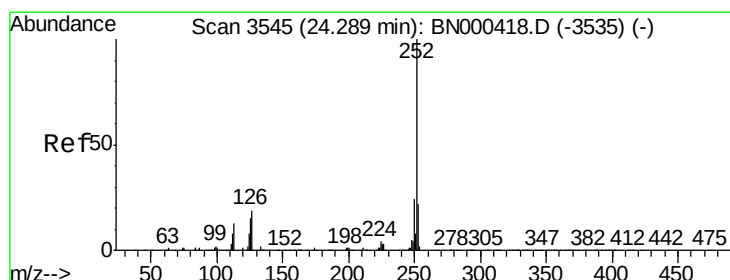
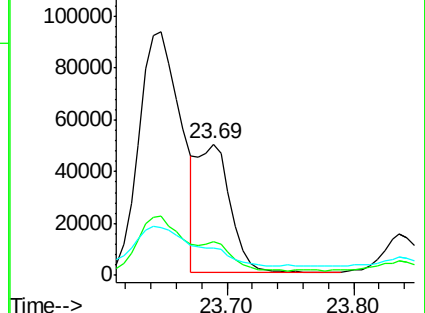
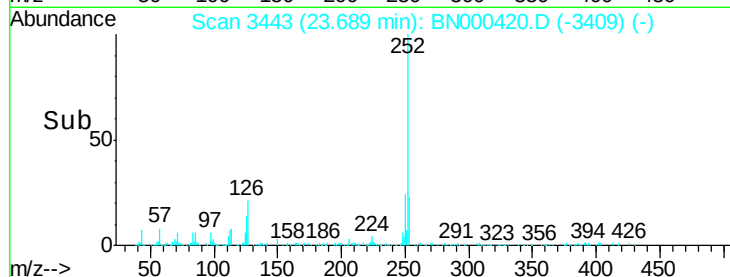
125 20.9 8.1 12.1#



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: 2.668 ng/ul

RT: 24.29 min Scan# 3546

Delta R.T. 0.01 min

Lab File: BN000420.D

Acq: 15 Mar 2018 17:45

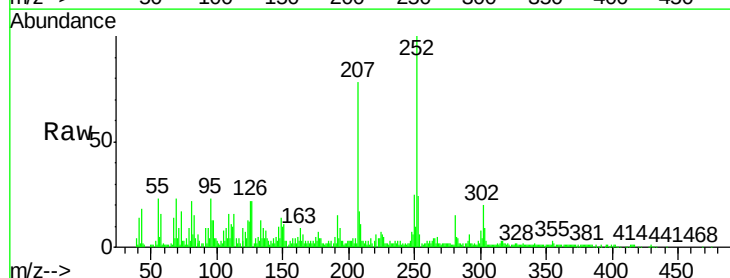
Tgt Ion:252 Resp: 145071

Ion Ratio Lower Upper

252 100

253 24.1 17.2 25.8

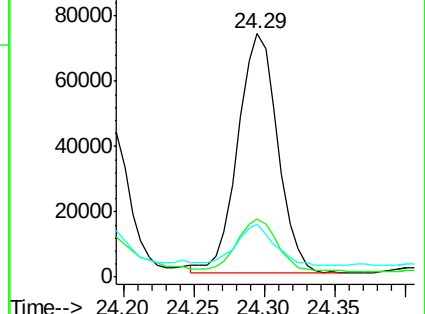
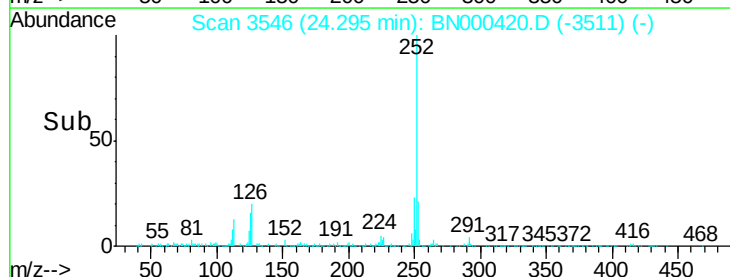
125 21.5 8.2 12.4#

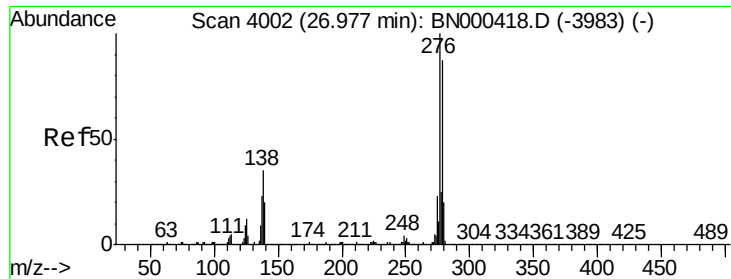


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.696 ng/ul

RT: 26.97 min Scan# 4001

Delta R.T. -0.01 min

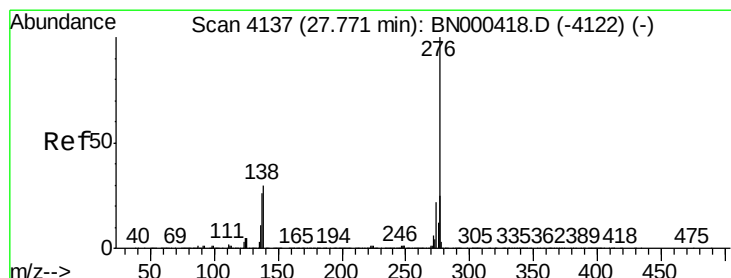
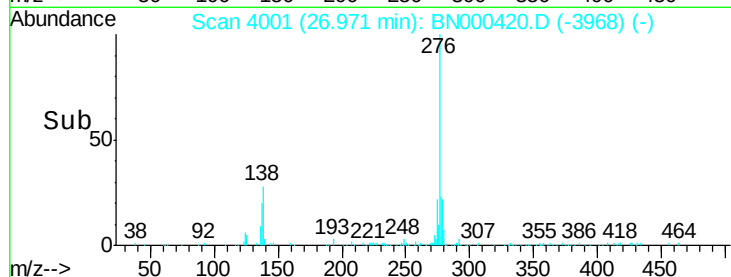
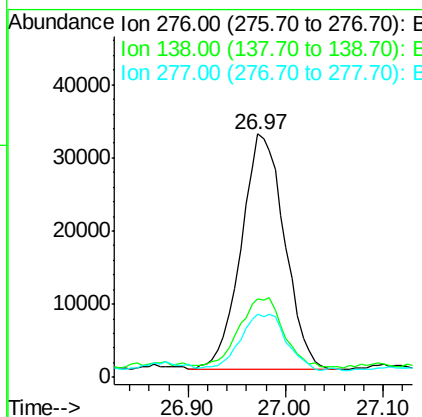
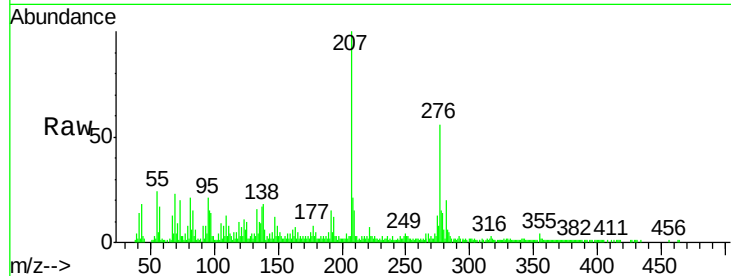
Lab File: BN000420.D

Acq: 15 Mar 2018 17:45

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 99466

Ion	Ratio	Lower	Upper
276	100		
138	32.2	14.4	21.6#
277	26.1	18.0	27.0



#29

Benzo(g,h,i)perylene

Concen: 1.826 ng/ul

RT: 27.77 min Scan# 4137

Delta R.T. -0.00 min

Lab File: BN000420.D

Acq: 15 Mar 2018 17:45

Tgt Ion:276 Resp: 89380

Ion	Ratio	Lower	Upper
276	100		
138	31.8	15.3	22.9#
277	26.1	19.0	28.4

