

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
 Data File : BN000422.D
 Acq On : 15 Mar 2018 18:54
 Operator : JU/SJ
 Sample : J1865-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 16 06:48:52 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

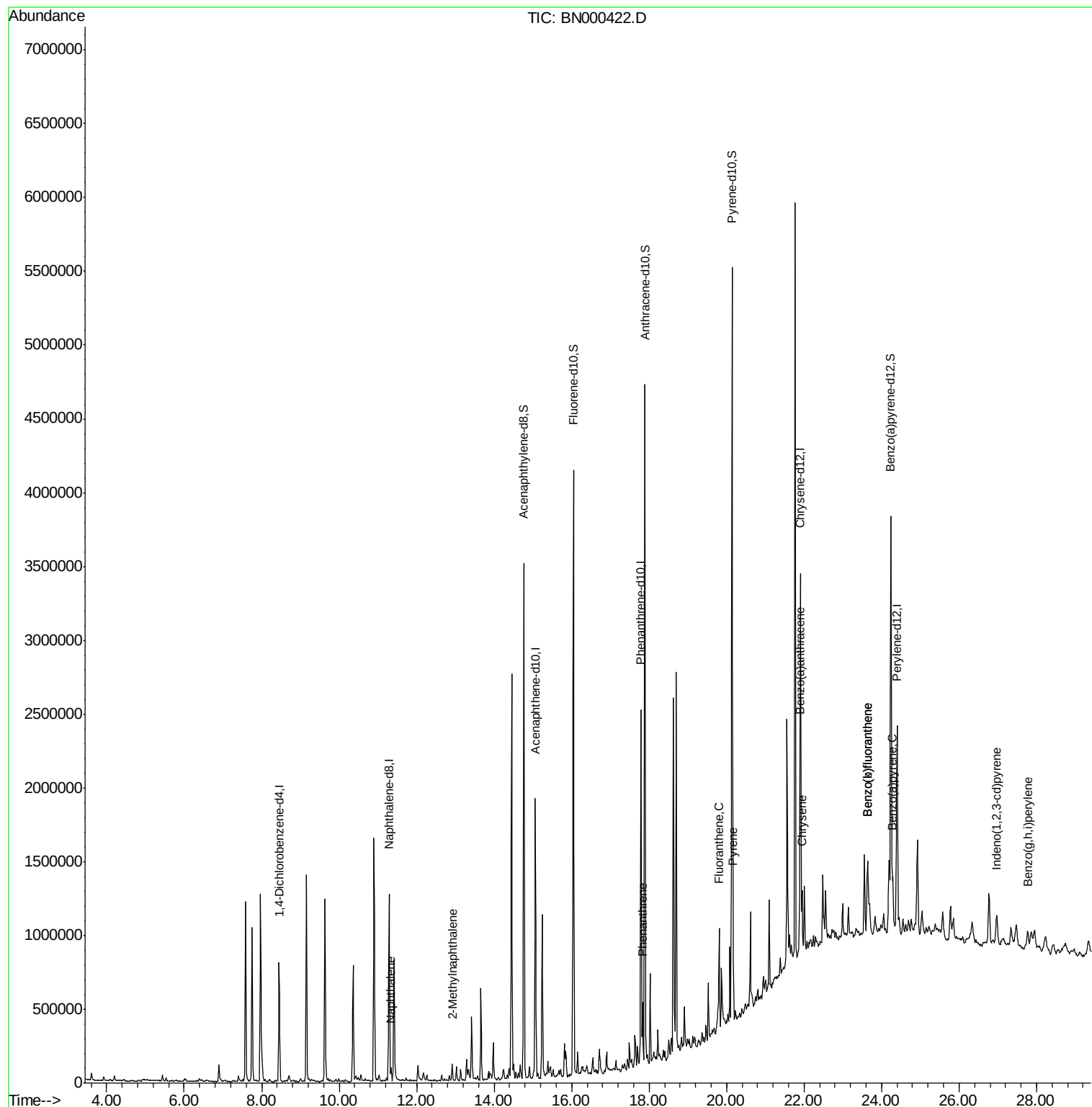
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	224694	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1062029	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	594045	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1314633	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	1115241	20.00	ng/ul	0.00
22) Perylene-d12	24.40	264	1026332	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	2375800	40.29	ng/ul	0.00
10) Fluorene-d10	16.05	176	1576623	39.49	ng/ul	0.00
14) Anthracene-d10	17.89	188	2422337	39.44	ng/ul	0.00
18) Pyrene-d10	20.14	212	2501001	45.84	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.24	264	1919447	40.96	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.34	128	69645	1.243	ng/ul	99
4) 2-Methylnaphthalene	12.92	142	53172	1.348	ng/ul	98
13) Phenanthrene	17.83	178	161126	2.137	ng/ul	99
16) Fluoranthene	19.81	202	371494	4.560	ng/ul#	93
19) Pyrene	20.17	202	335514	4.765	ng/ul#	90
20) Benzo(a)anthracene	21.89	228	186864	2.695	ng/ul	96
21) Chrysene	21.95	228	232082	3.527	ng/ul	96
23) Benzo(b)fluoranthene	23.64	252	348188	5.689	ng/ul#	91
24) Benzo(k)fluoranthene	23.64	252	348188	6.078	ng/ul#	91
26) Benzo(a)pyrene	24.29	252	212707	3.652	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.97	276	156996	2.500	ng/ul#	82
29) Benzo(g,h,i)perylene	27.78	276	148091	2.824	ng/ul#	84

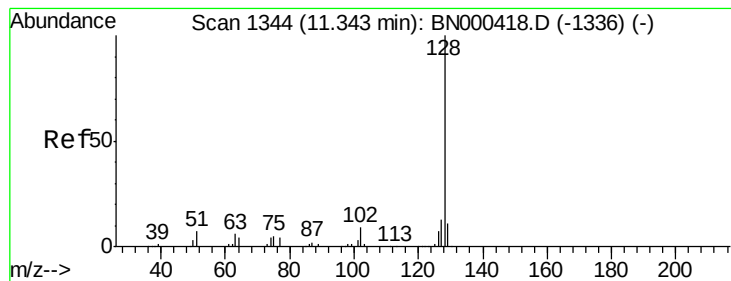
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 16 06:47:18 2018
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#3

Naphthalene

Concen: 1.243 ng/ul

RT: 11.34 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BN000422.D

Acq: 15 Mar 2018 18:54

Instrument :

BNA_N

ClientSampleId :

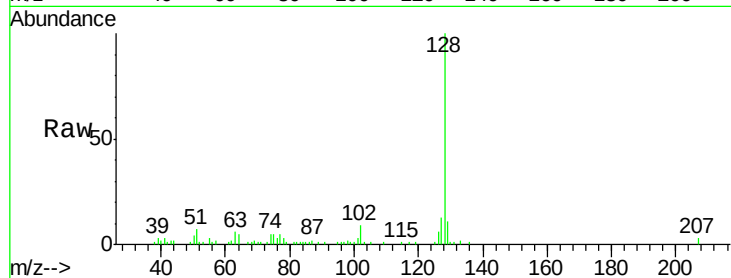
Tot Ion:128 Resp: 69645

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	12.9	10.6	16.0

128 100

129 10.7 8.7 13.1

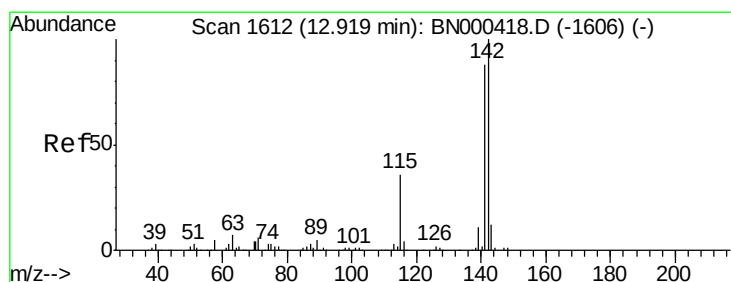
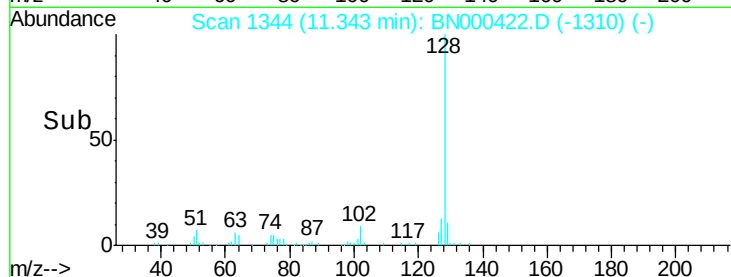
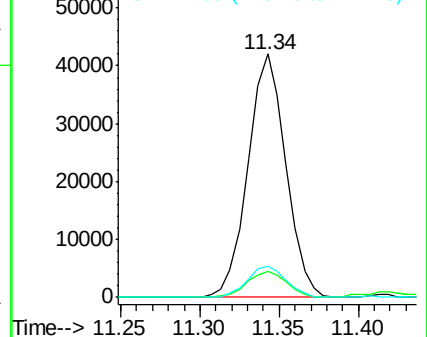
127 12.9 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#4

2-Methylnaphthalene

Concen: 1.348 ng/ul

RT: 12.92 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BN000422.D

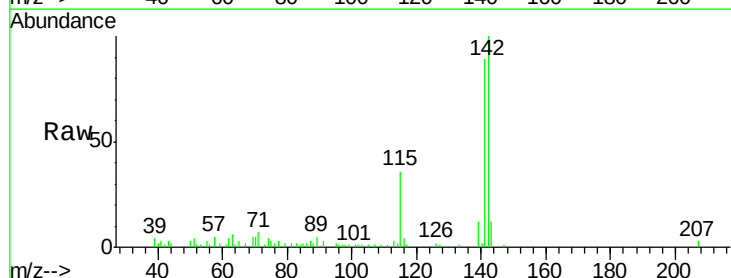
Acq: 15 Mar 2018 18:54

Tgt Ion:142 Resp: 53172

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.7	109.1

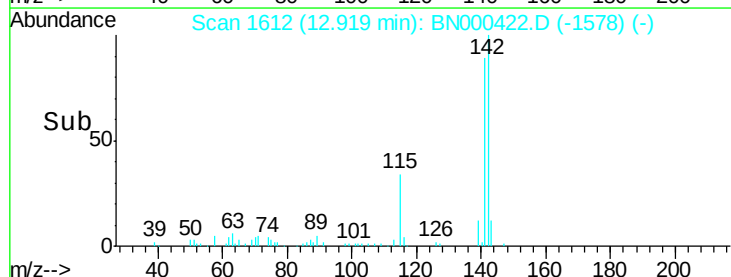
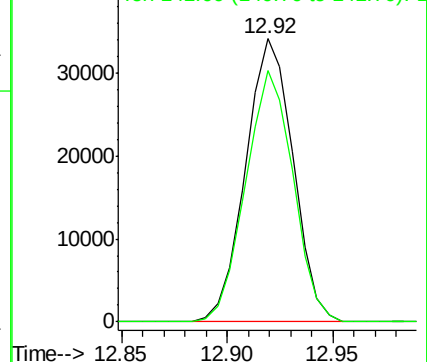
142 100

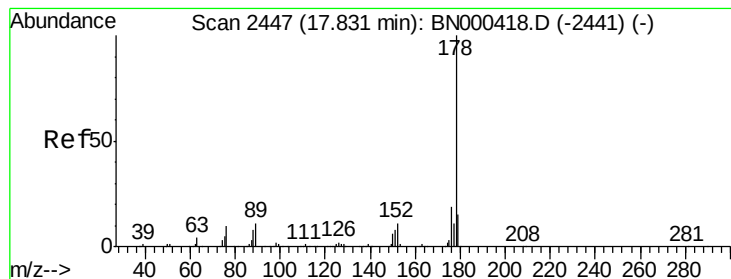
141 88.8 72.7 109.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#13

Phenanthrene

Concen: 2.137 ng/ul

RT: 17.83 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BN000422.D

Acq: 15 Mar 2018 18:54

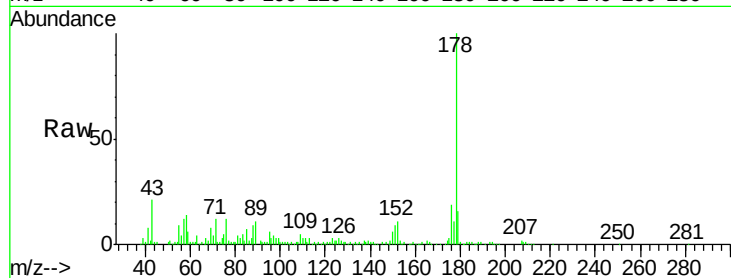
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 161126

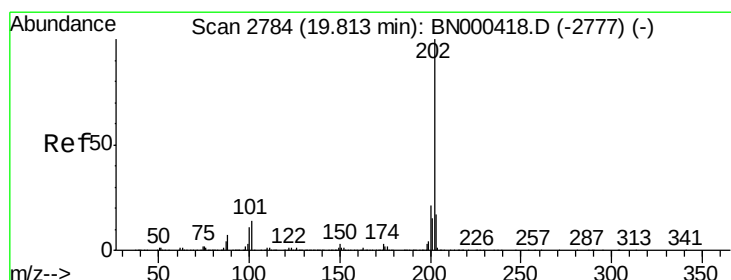
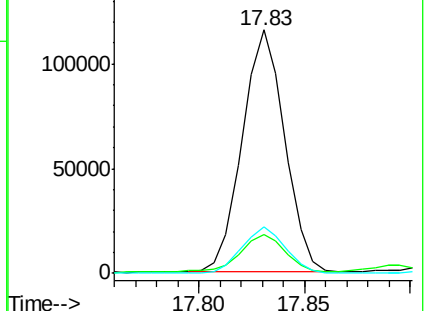
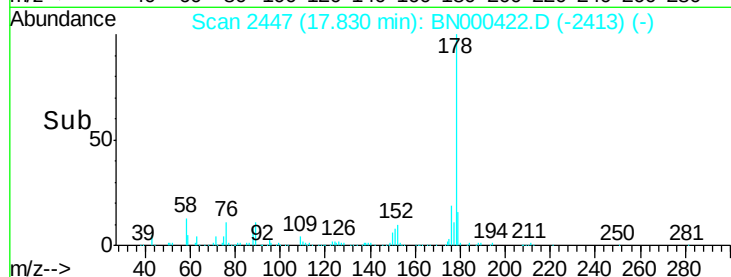
Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.3	18.5
176	19.4	15.1	22.7



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: 4.560 ng/ul

RT: 19.81 min Scan# 2783

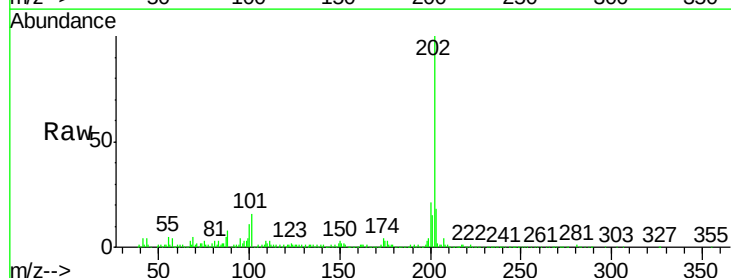
Delta R.T. -0.01 min

Lab File: BN000422.D

Acq: 15 Mar 2018 18:54

Tgt Ion:202 Resp: 371494

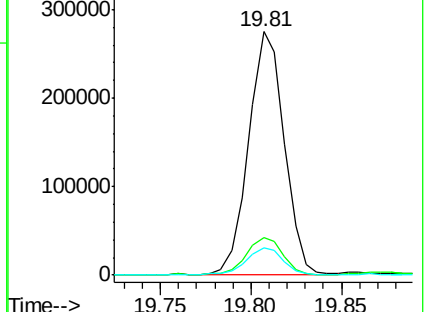
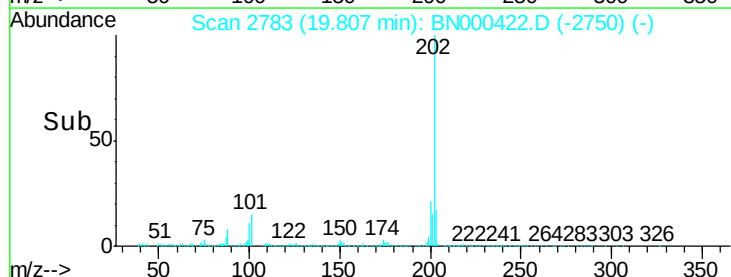
Ion	Ratio	Lower	Upper
202	100		
101	15.6	9.9	14.9#
100	11.4	7.4	11.0#

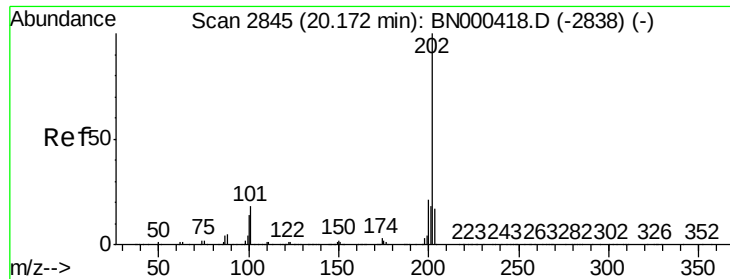


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 4.765 ng/ul

RT: 20.17 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BN000422.D

Acq: 15 Mar 2018 18:54

Instrument :

BNA_N

ClientSampleId :

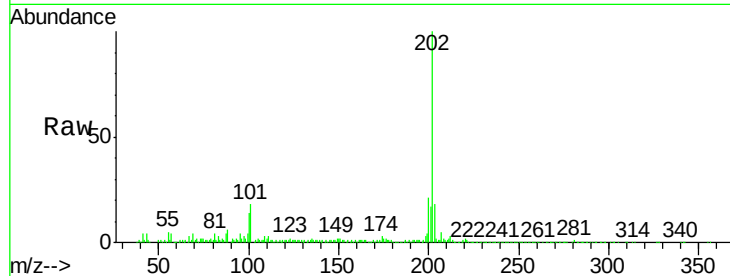
Tot Ion:202 Resp: 335514

Ion Ratio Lower Upper

202 100

101 17.7 11.0 16.4#

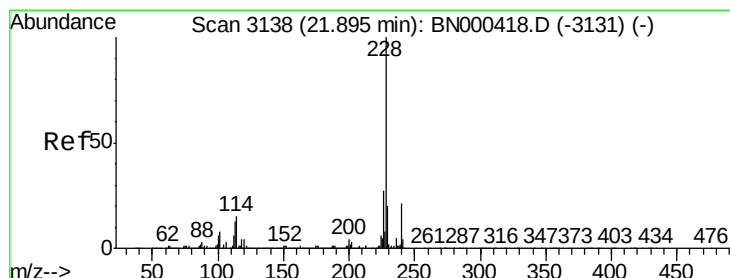
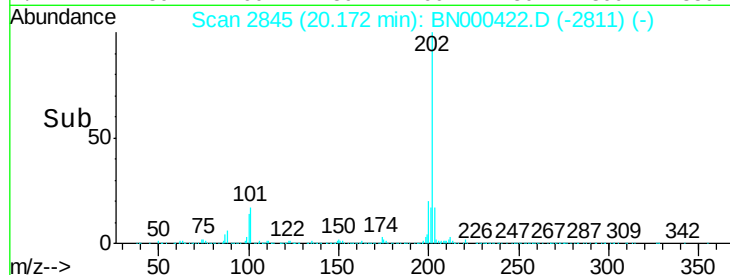
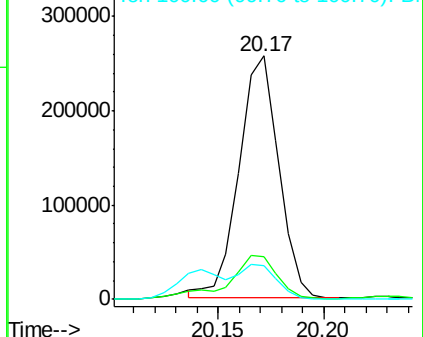
100 13.6 8.1 12.1#



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: 2.695 ng/ul

RT: 21.89 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BN000422.D

Acq: 15 Mar 2018 18:54

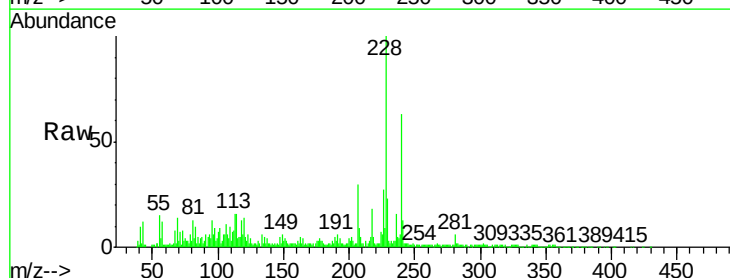
Tgt Ion:228 Resp: 186864

Ion Ratio Lower Upper

228 100

229 23.0 15.7 23.5

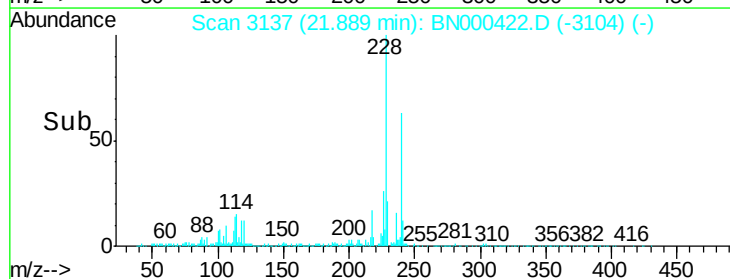
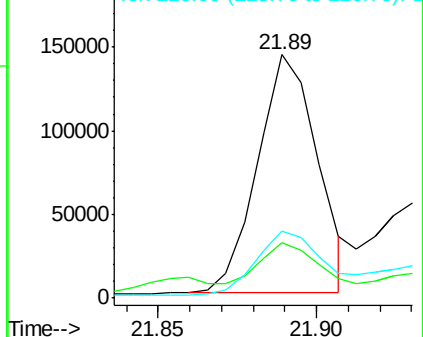
226 27.3 21.1 31.7

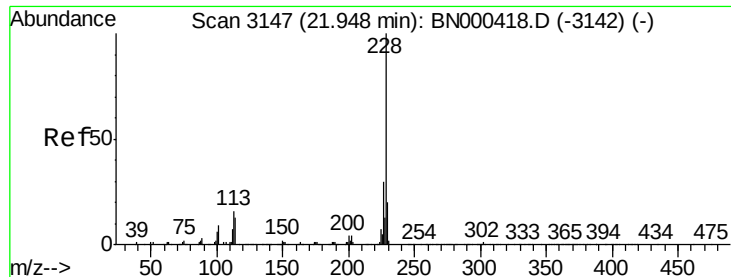


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 3.527 ng/ul

RT: 21.95 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BN000422.D

Acq: 15 Mar 2018 18:54

Instrument :

BNA_N

ClientSampleId :

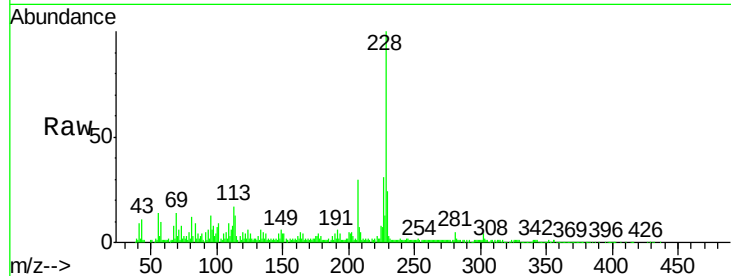
Tot Ion:228 Resp: 232082

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

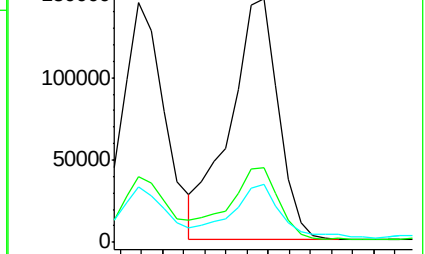
229 23.7 15.8 23.8



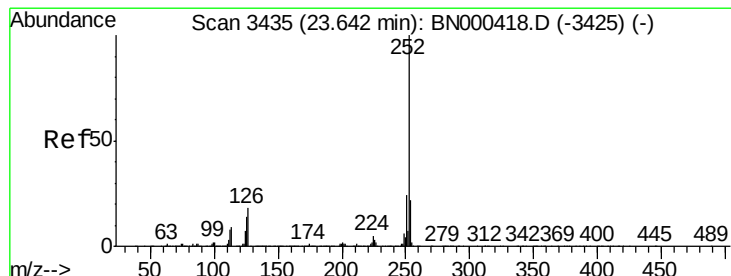
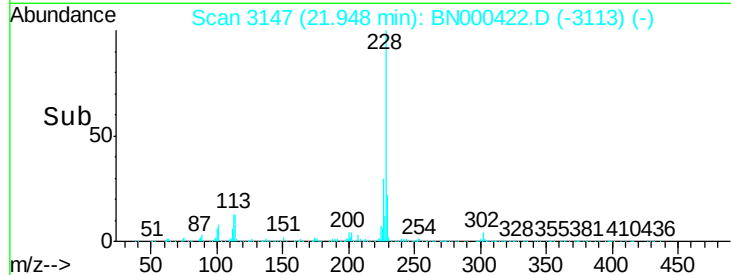
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#23

Benzo(b)fluoranthene

Concen: 5.689 ng/ul

RT: 23.64 min Scan# 3435

Delta R.T. -0.00 min

Lab File: BN000422.D

Acq: 15 Mar 2018 18:54

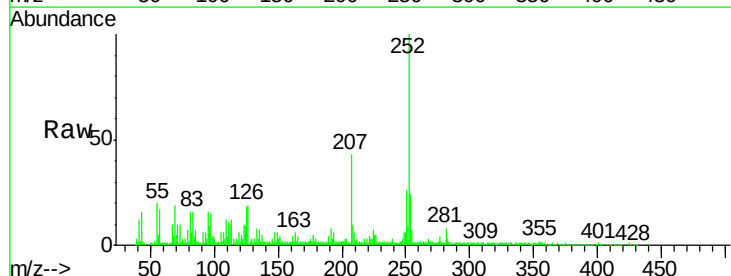
Tgt Ion:252 Resp: 348188

Ion Ratio Lower Upper

252 100

253 24.2 18.0 27.0

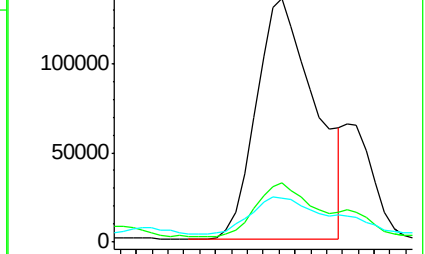
125 18.2 8.0 12.0#



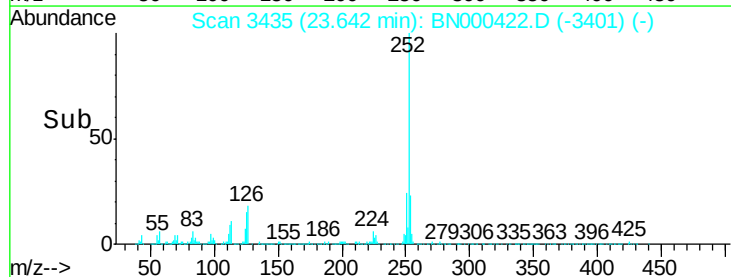
Abundance Ion 252.00 (251.70 to 252.70): E

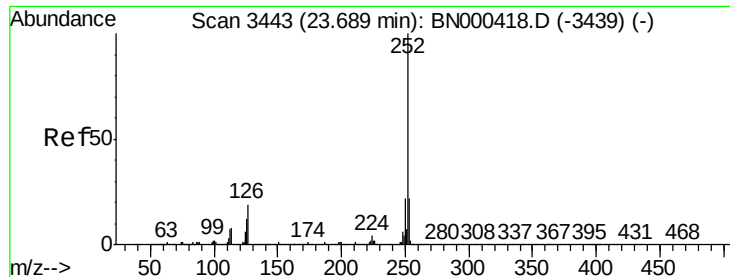
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#24

Benzo(k)fluoranthene

Concen: 6.078 ng/ul

RT: 23.64 min Scan# 3435

Delta R.T. -0.05 min

Lab File: BN000422.D

Acq: 15 Mar 2018 18:54

Instrument :

BNA_N

ClientSampleId :

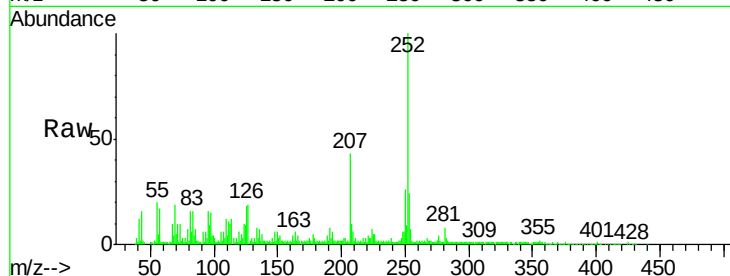
Tot Ion:252 Resp: 348188

Ion Ratio Lower Upper

252 100

253 24.2 18.0 27.0

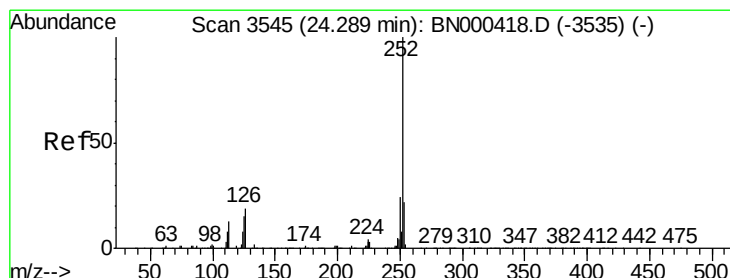
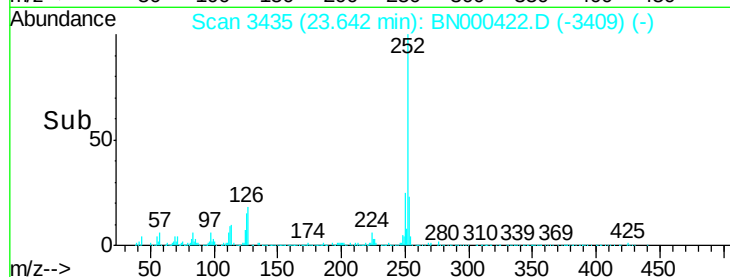
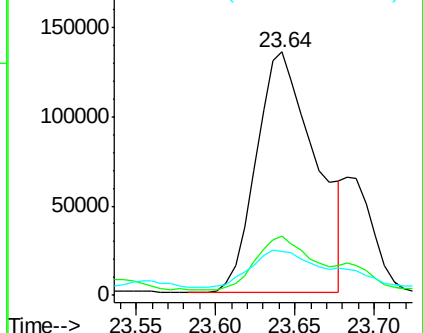
125 18.2 8.1 12.1#



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: 3.652 ng/ul

RT: 24.29 min Scan# 3546

Delta R.T. 0.01 min

Lab File: BN000422.D

Acq: 15 Mar 2018 18:54

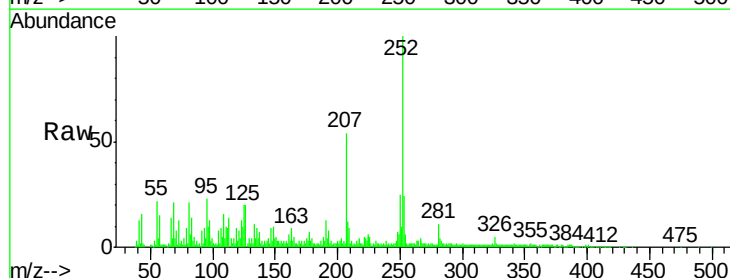
Tgt Ion:252 Resp: 212707

Ion Ratio Lower Upper

252 100

253 24.0 17.2 25.8

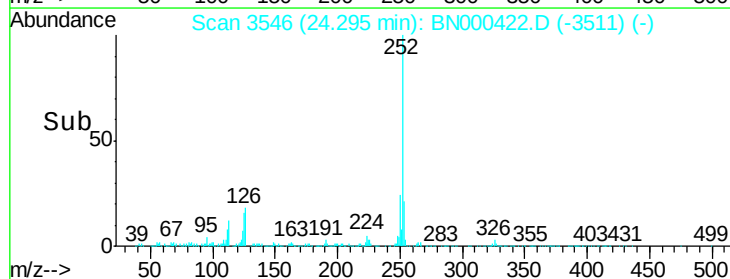
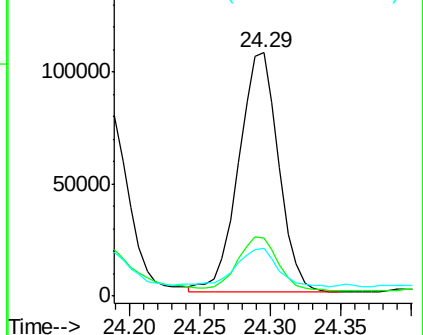
125 19.8 8.2 12.4#

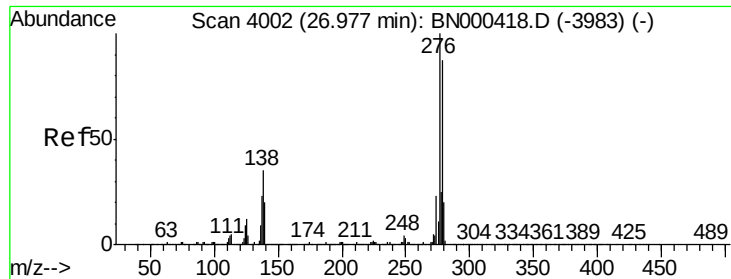


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

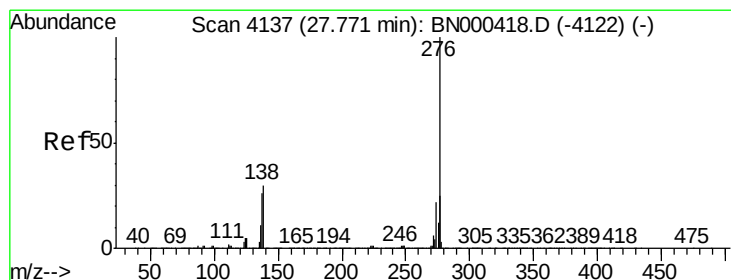
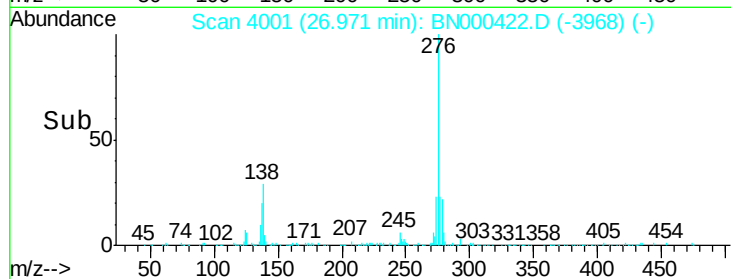
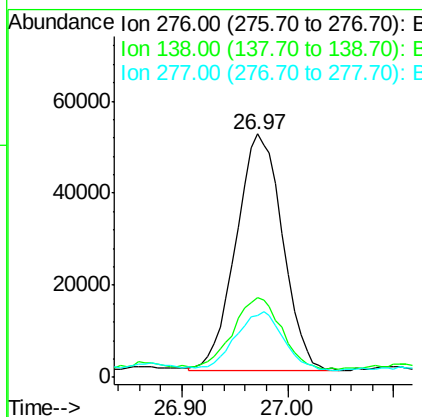
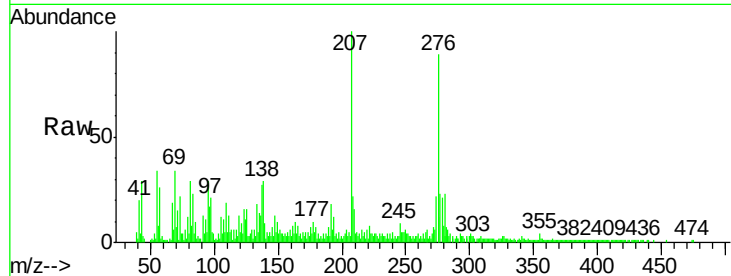




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.500 ng/ul
 RT: 26.97 min Scan# 4001
 Delta R.T. -0.01 min
 Lab File: BN000422.D
 Acq: 15 Mar 2018 18:54

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.6	14.4	21.6#
277	25.4	18.0	27.0



#29
 Benzo(g,h,i)perylene
 Concen: 2.824 ng/ul
 RT: 27.78 min Scan# 4138
 Delta R.T. 0.01 min
 Lab File: BN000422.D
 Acq: 15 Mar 2018 18:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.4	15.3	22.9#
277	25.4	19.0	28.4

