

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
 Data File : BN000383.D
 Acq On : 14 Mar 2018 20:16
 Operator : JU/SJ
 Sample : J1865-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 15 07:07:03 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	232818	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1126838	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	625498	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1328103	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1125452	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1016699	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.76	160	2229333	35.91	ng/ul	0.00
10) Fluorene-d10	16.05	176	1441615	34.29	ng/ul	0.00
14) Anthracene-d10	17.88	188	2162023	34.84	ng/ul	0.00
18) Pyrene-d10	20.13	212	2240777	40.70	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1620935	34.91	ng/ul	0.00

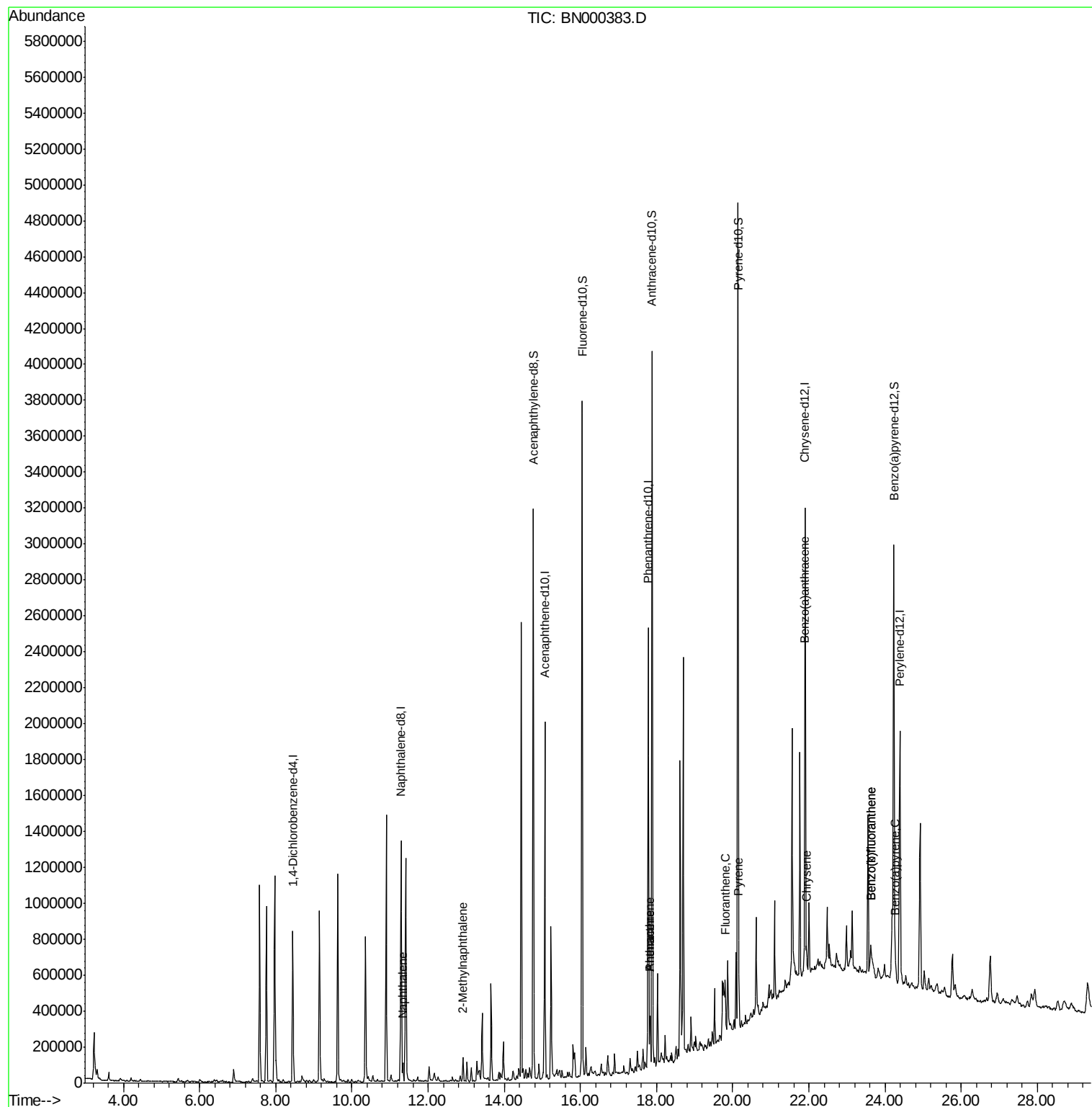
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.34	128	81798	1.376	ng/ul	99
4) 2-Methylnaphthalene	12.92	142	61596	1.472	ng/ul	97
13) Phenanthrene	17.83	178	82277	1.080	ng/ul	97
15) Anthracene	17.83	178	81457	1.054	ng/ul	96
16) Fluoranthene	19.80	202	137623	1.672	ng/ul#	93
19) Pyrene	20.16	202	129507	1.823	ng/ul#	87
20) Benzo(a)anthracene	21.89	228	73884	1.056	ng/ul#	93
21) Chrysene	21.94	228	81815	1.232	ng/ul#	96
23) Benzo(b)fluoranthene	23.63	252	98838	1.630	ng/ul#	86
24) Benzo(k)fluoranthene	23.63	252	92514	1.630	ng/ul#	87
26) Benzo(a)pyrene	24.27	252	65035	1.127	ng/ul#	85

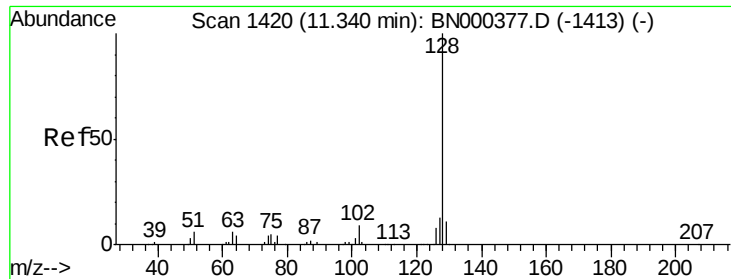
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
Data File : BN000383.D
Acq On : 14 Mar 2018 20:16
Operator : JU/SJ
Sample : J1865-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 15 07:07:03 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





#3

Naphthalene

Concen: 1.376 ng/ul

RT: 11.34 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BN000383.D

Acq: 14 Mar 2018 20:16

Instrument :

BNA_N

ClientSampleId :

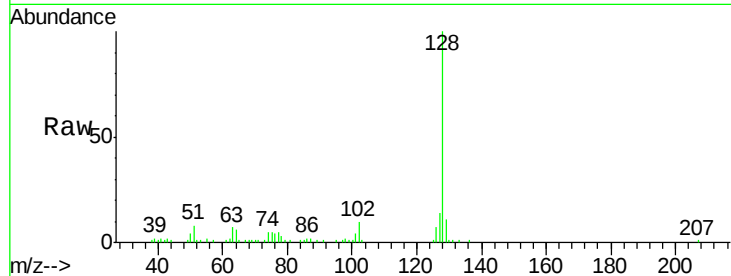
Tot Ion:128 Resp: 81798

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

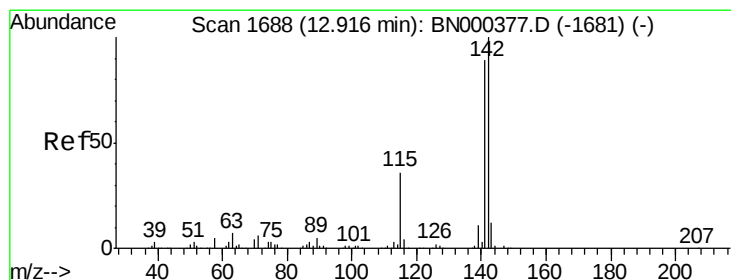
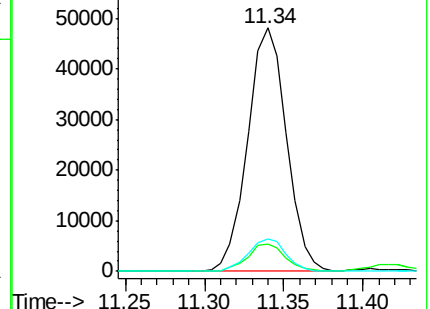
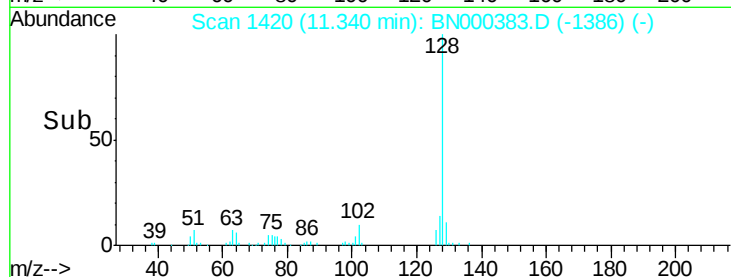
127 13.5 10.6 16.0



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: 1.472 ng/ul

RT: 12.92 min Scan# 1688

Delta R.T. -0.00 min

Lab File: BN000383.D

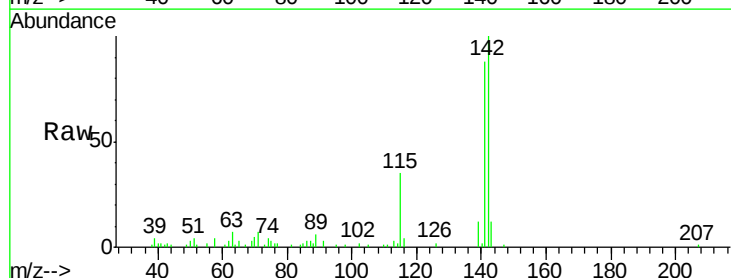
Acq: 14 Mar 2018 20:16

Tgt Ion:142 Resp: 61596

Ion Ratio Lower Upper

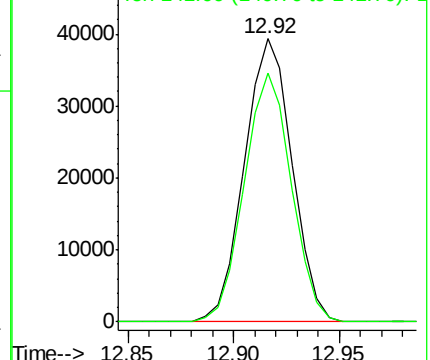
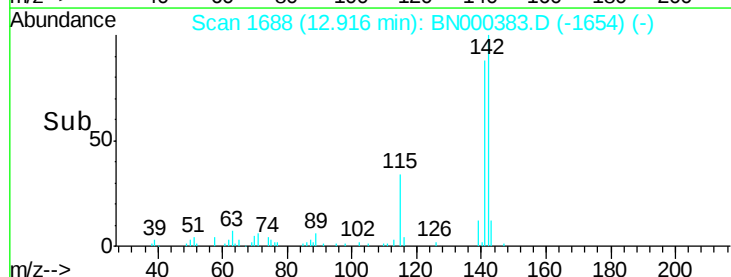
142 100

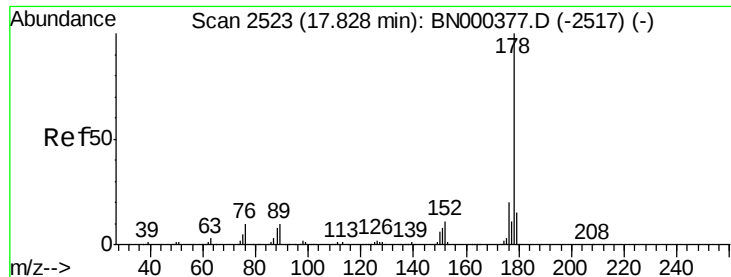
141 88.1 72.7 109.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#13

Phenanthrene

Concen: 1.080 ng/ul

RT: 17.83 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BN000383.D

Acq: 14 Mar 2018 20:16

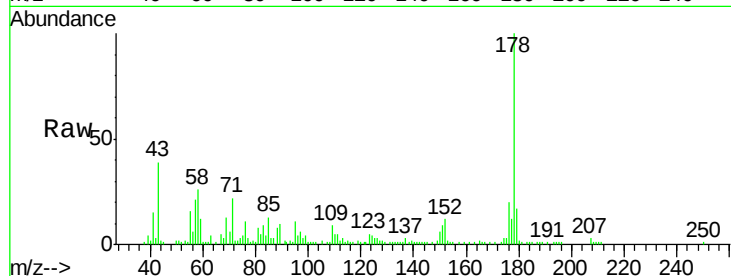
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 82277

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.3	18.5
176	19.8	15.1	22.7

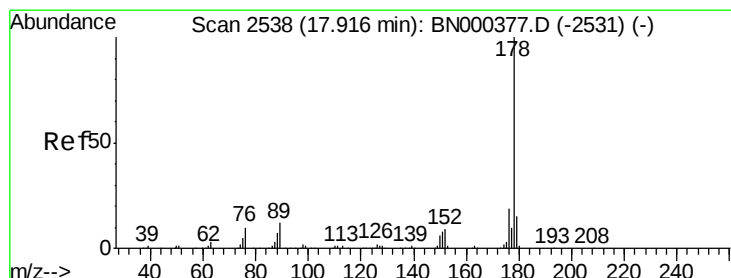
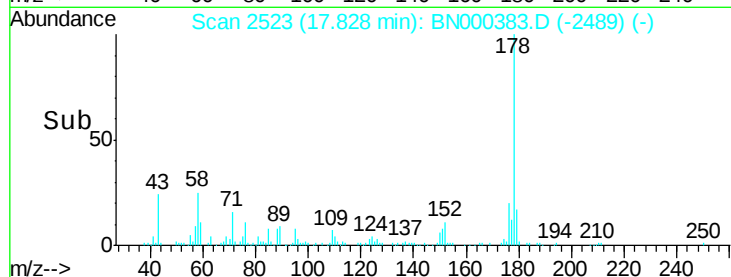
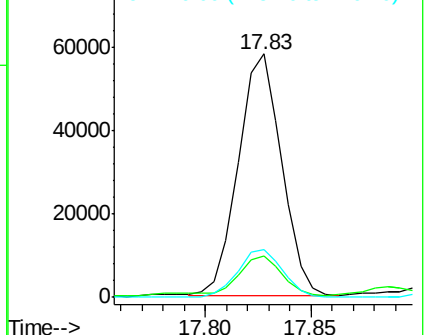


Abundance

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: 1.054 ng/ul

RT: 17.83 min Scan# 2523

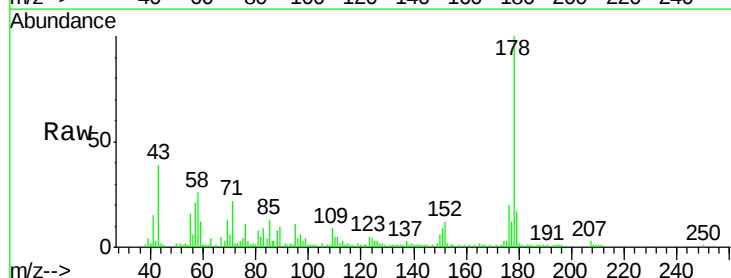
Delta R.T. -0.09 min

Lab File: BN000383.D

Acq: 14 Mar 2018 20:16

Tgt Ion:178 Resp: 81457

Ion	Ratio	Lower	Upper
178	100		
179	17.2	11.8	17.8
176	19.8	15.2	22.8

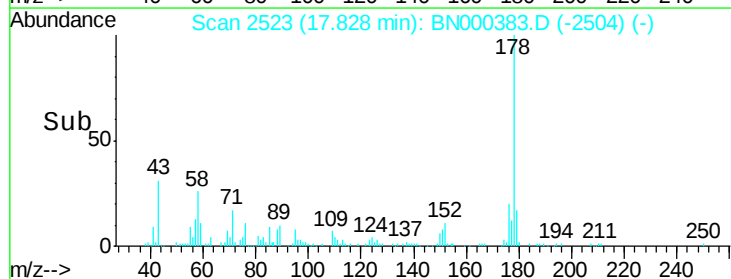
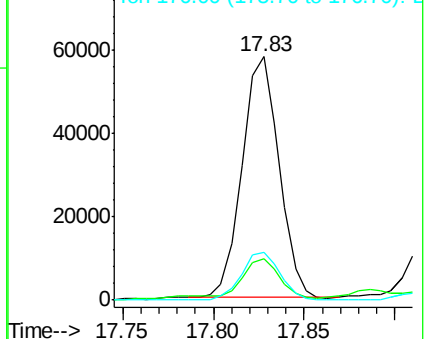


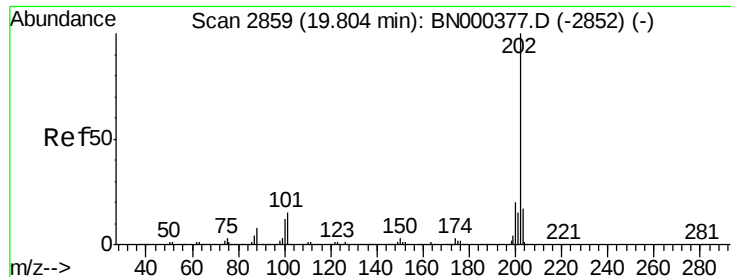
Abundance

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

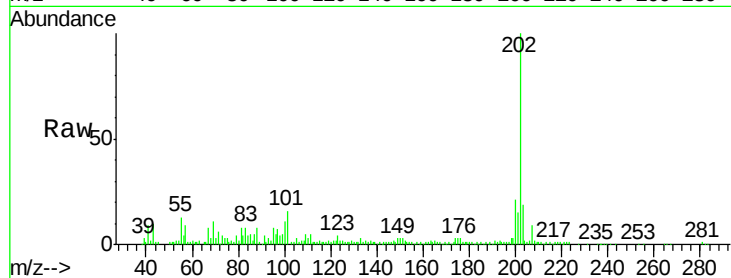




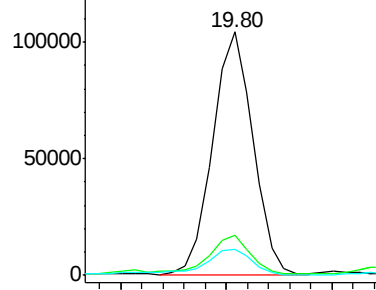
#16
Fluoranthene
 Concen: 1.672 ng/ul
 RT: 19.80 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BN000383.D
 Acq: 14 Mar 2018 20:16

Instrument :
 BNA_N
 ClientSampleId :

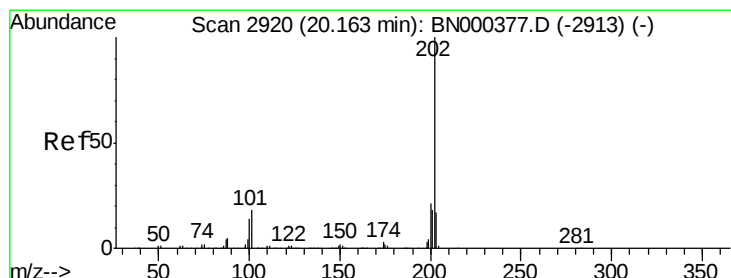
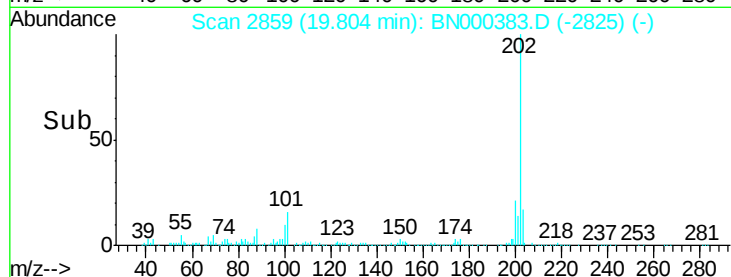
Tot Ion	Ratio	Lower	Upper
202	100		
101	16.3	9.9	14.9#
100	10.6	7.4	11.0



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

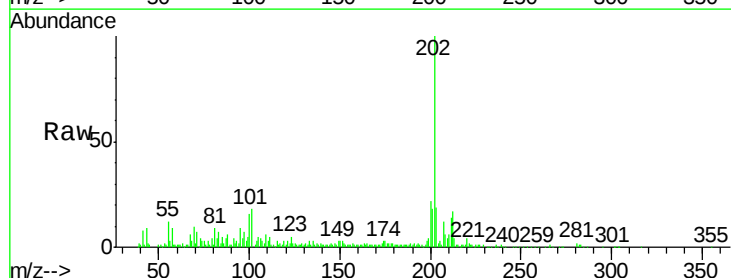


Time-->

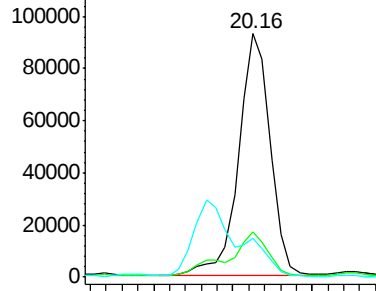


#19
Pyrene
 Concen: 1.823 ng/ul
 RT: 20.16 min Scan# 2920
 Delta R.T. -0.00 min
 Lab File: BN000383.D
 Acq: 14 Mar 2018 20:16

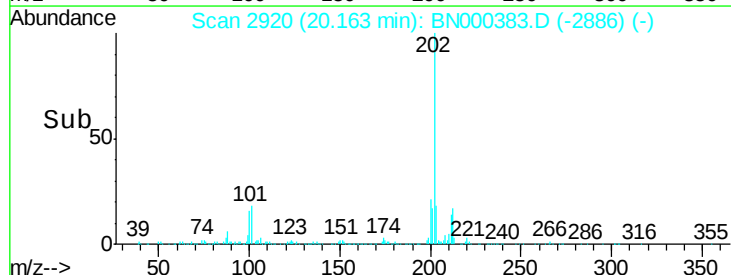
Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.3	11.0	16.4#
100	15.7	8.1	12.1#

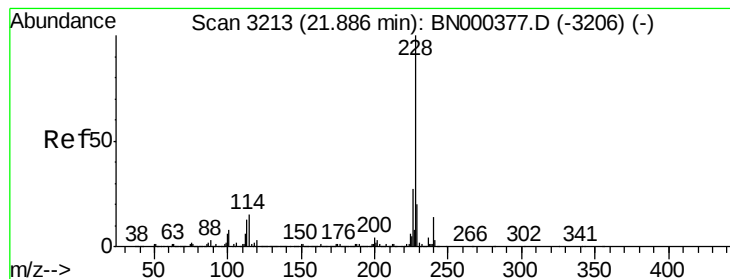


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B



Time-->





#20

Benzo(a)anthracene

Concen: 1.056 ng/ul

RT: 21.89 min Scan# 3213

Delta R.T. -0.00 min

Lab File: BN000383.D

Acq: 14 Mar 2018 20:16

Instrument :

BNA_N

ClientSampleId :

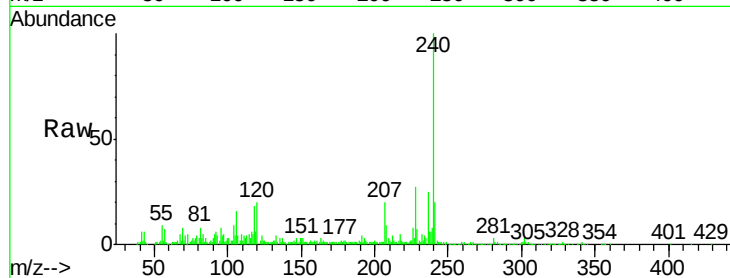
Tot Ion:228 Resp: 73884

Ion Ratio Lower Upper

228 100

229 24.1 15.7 23.5#

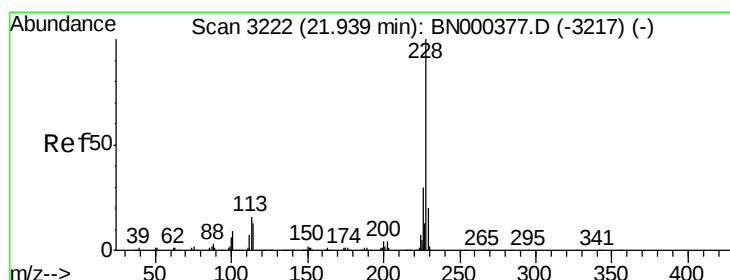
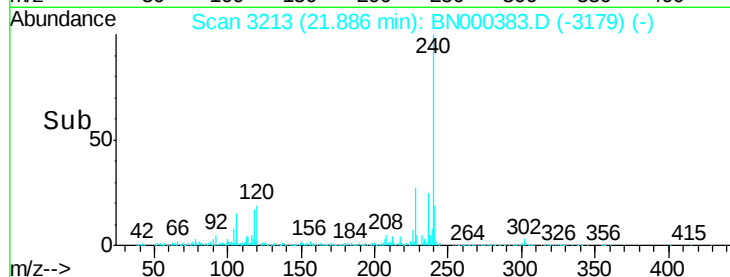
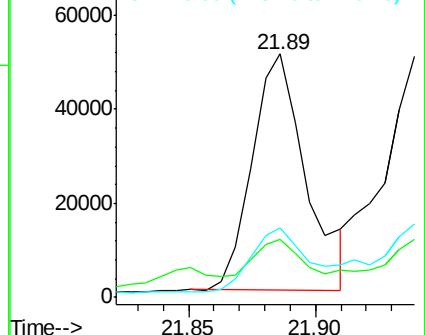
226 28.5 21.1 31.7



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: 1.232 ng/ul

RT: 21.94 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BN000383.D

Acq: 14 Mar 2018 20:16

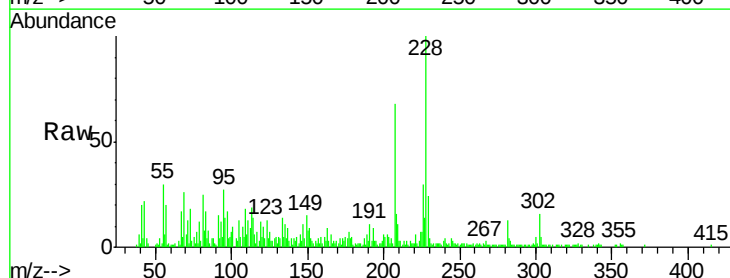
Tgt Ion:228 Resp: 81815

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

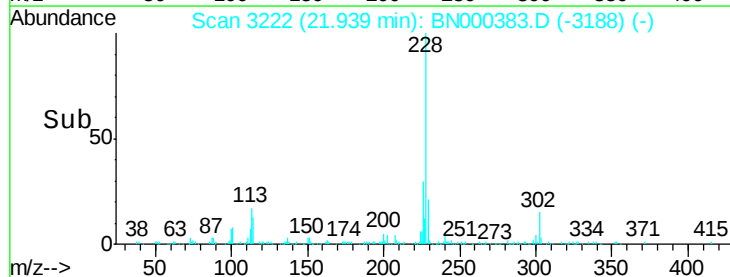
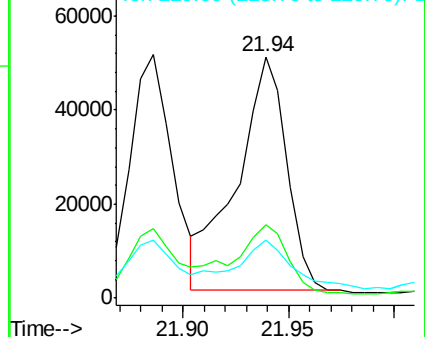
229 23.9 15.8 23.8#

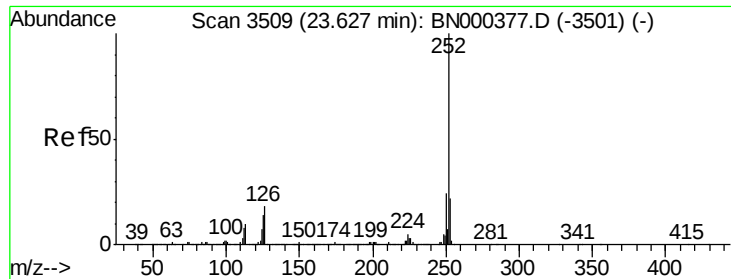


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 1.630 ng/ul

RT: 23.63 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BN000383.D

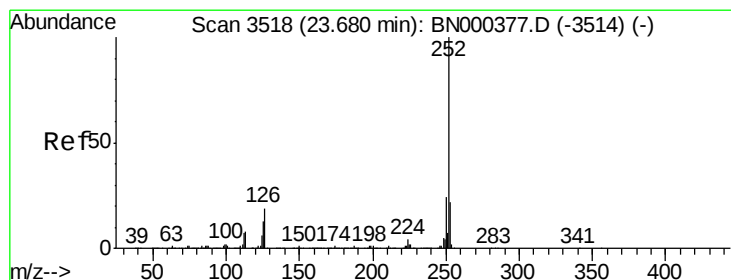
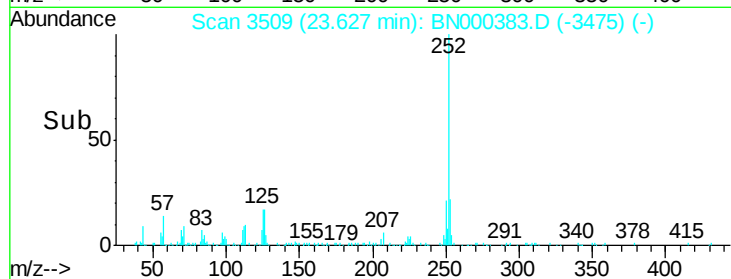
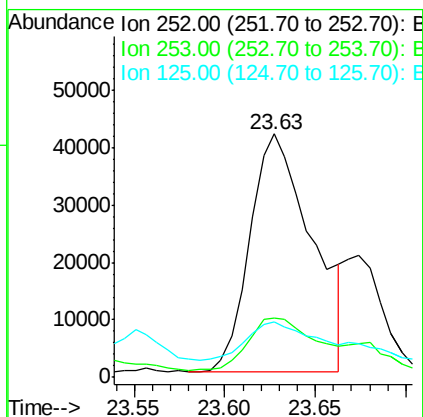
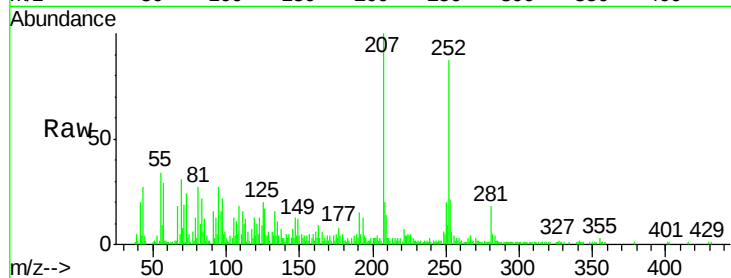
Acq: 14 Mar 2018 20:16

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	252	Resp:	98838
Ion Ratio	Lower	Upper	
252	100		
253	24.5	18.0	27.0
125	22.9	8.0	12.0#



#24

Benzo(k)fluoranthene

Concen: 1.630 ng/ul

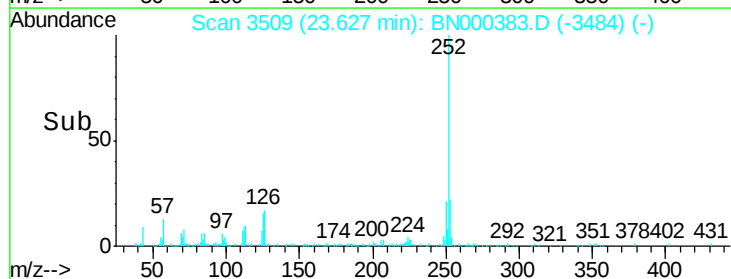
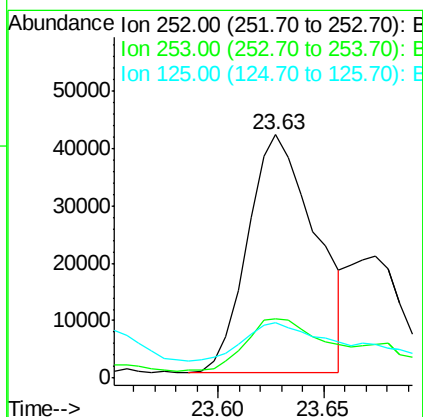
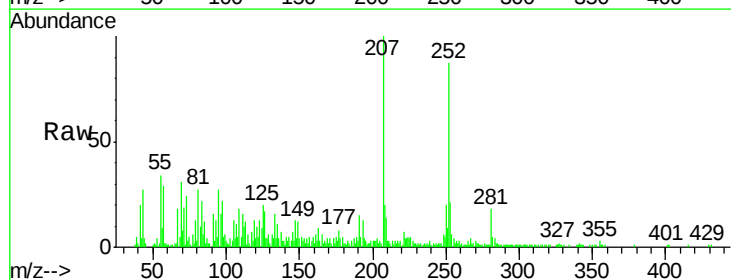
RT: 23.63 min Scan# 3509

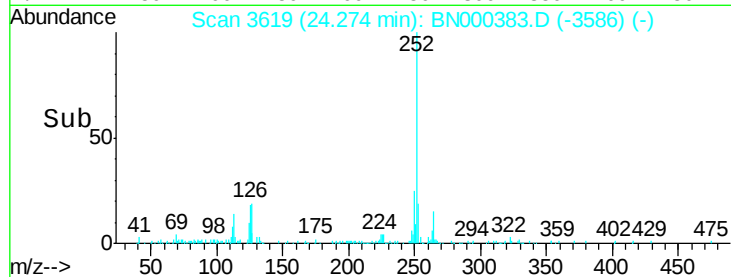
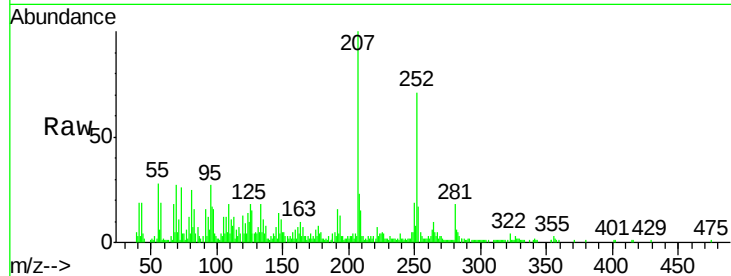
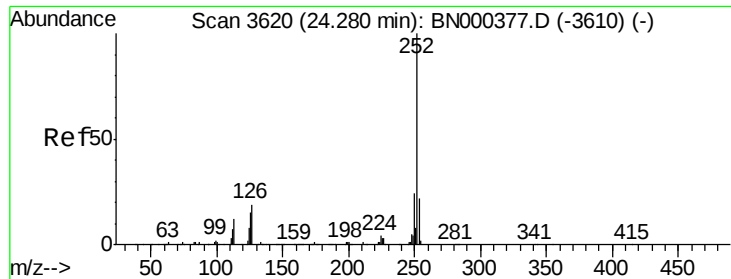
Delta R.T. -0.05 min

Lab File: BN000383.D

Acq: 14 Mar 2018 20:16

Tgt Ion:	252	Resp:	92514
Ion Ratio	Lower	Upper	
252	100		
253	24.5	18.0	27.0
125	22.9	8.1	12.1#





#26

Benzo(a)pyrene

Concen: 1.127 ng/ul

RT: 24.27 min Scan# 3619

Delta R.T. -0.01 min

Lab File: BN000383.D

Acq: 14 Mar 2018 20:16

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	252	Resp:	65035
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.2	25.8
125	24.8	8.2	12.4

