

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
 Data File : BN000378.D
 Acq On : 14 Mar 2018 17:23
 Operator : JU/SJ
 Sample : J1866-22
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 15 07:06:11 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

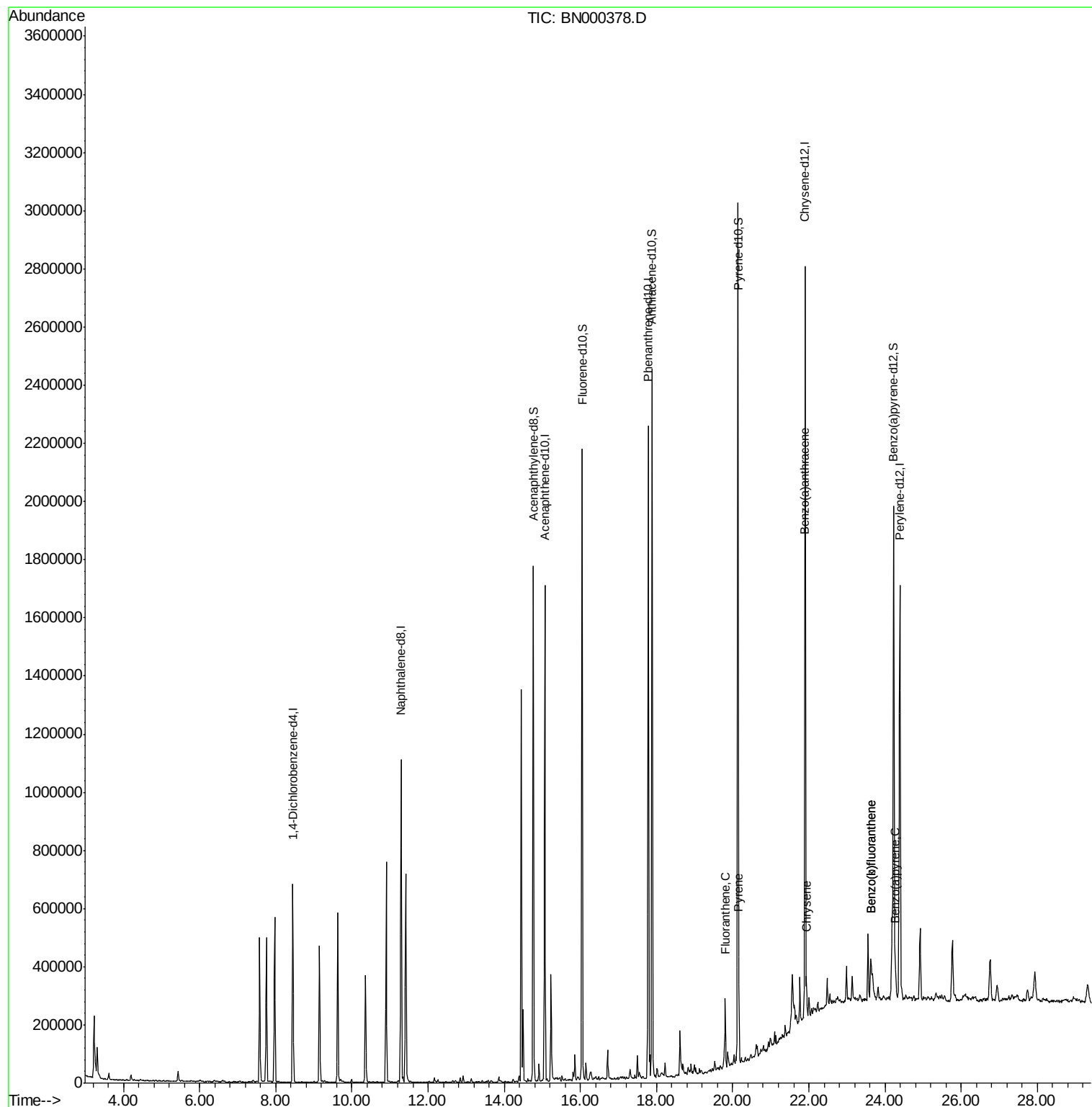
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	185897	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	935205	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	539869	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1214660	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1131542	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1017870	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1206937	22.52	ng/ul	0.00
10) Fluorene-d10	16.04	176	814516	22.45	ng/ul	0.00
14) Anthracene-d10	17.88	188	1278286	22.52	ng/ul	0.00
18) Pyrene-d10	20.13	212	1437844	25.97	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1090492	23.46	ng/ul	0.00
Target Compounds				Ovalue		
16) Fluoranthene	19.80	202	125483	1.667	ng/ul#	93
19) Pyrene	20.16	202	120429	1.686	ng/ul#	88
20) Benzo(a)anthracene	21.89	228	73646	1.047	ng/ul	98
21) Chrysene	21.94	228	76404	1.145	ng/ul	97
23) Benzo(b)fluoranthene	23.63	252	137284	2.262	ng/ul#	93
24) Benzo(k)fluoranthene	23.63	252	97147	1.710	ng/ul#	93
26) Benzo(a)pyrene	24.27	252	64903	1.124	ng/ul#	86

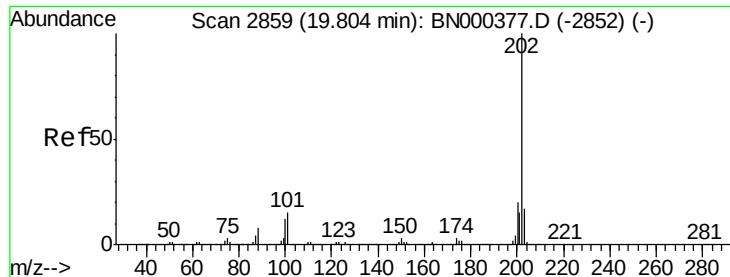
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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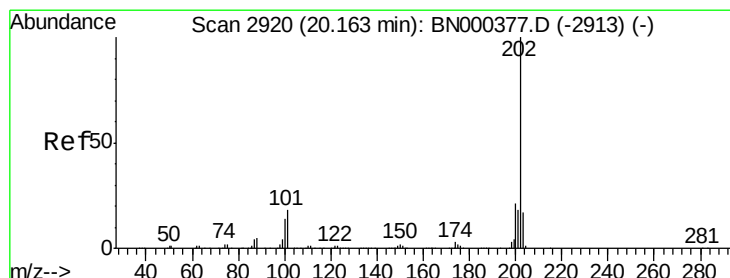
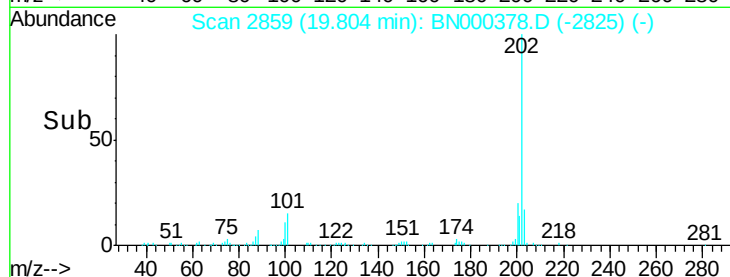
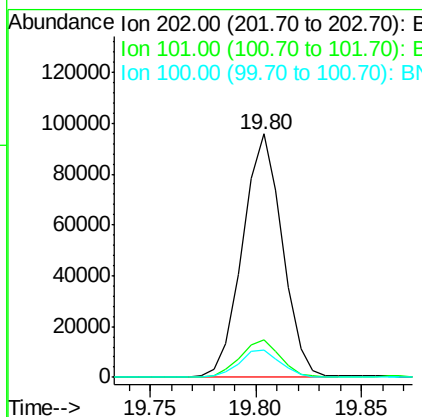
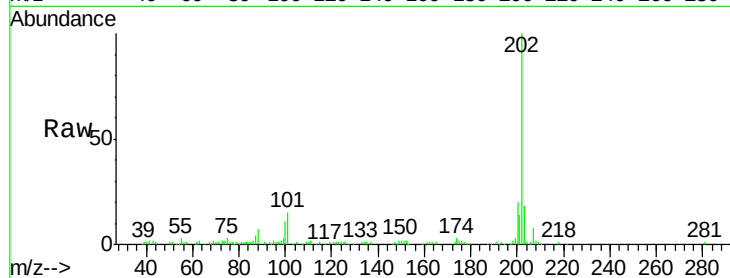




#16
 Fluoranthene
 Concen: 1.667 ng/ul
 RT: 19.80 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BN000378.D
 Acq: 14 Mar 2018 17:23

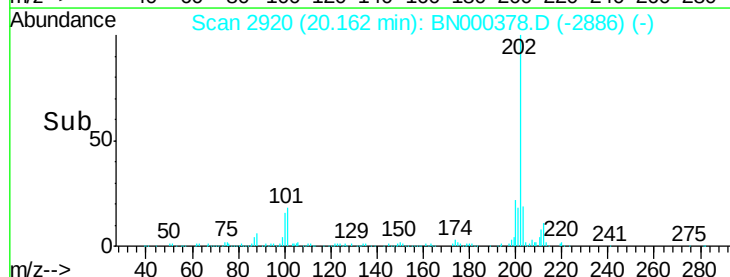
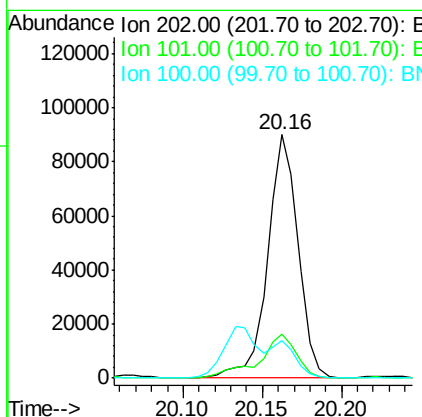
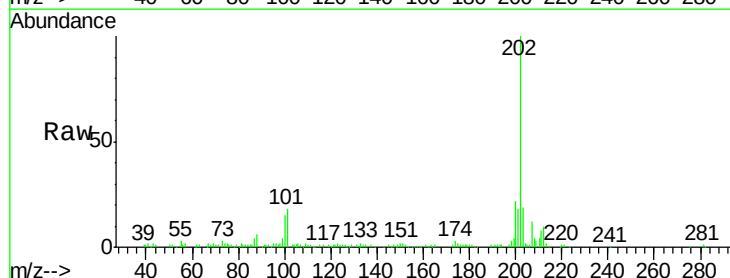
Instrument :
 BNA_N
 ClientSampleId :

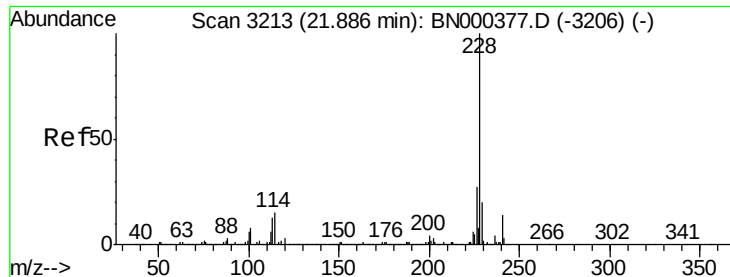
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.2	9.9	14.9#
100	11.4	7.4	11.0#



#19
 Pyrene
 Concen: 1.686 ng/ul
 RT: 20.16 min Scan# 2920
 Delta R.T. -0.00 min
 Lab File: BN000378.D
 Acq: 14 Mar 2018 17:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.9	11.0	16.4#
100	15.4	8.1	12.1#





#20

Benzo(a)anthracene

Concen: 1.047 ng/ul

RT: 21.89 min Scan# 3213

Delta R.T. -0.00 min

Lab File: BN000378.D

Acq: 14 Mar 2018 17:23

Instrument :

BNA_N

ClientSampleId :

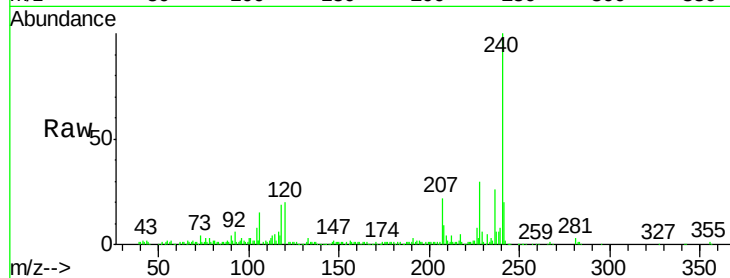
Tot Ion:228 Resp: 73646

Ion Ratio Lower Upper

228 100

229 21.0 15.7 23.5

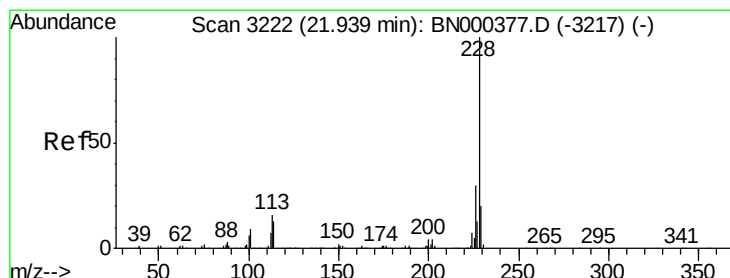
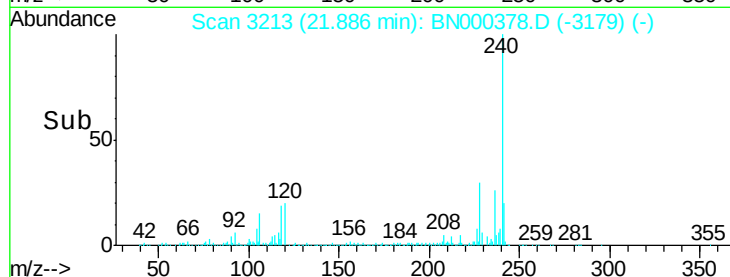
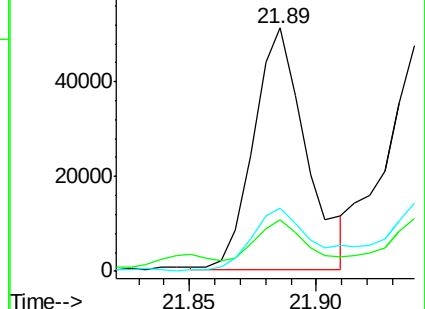
226 25.9 21.1 31.7



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: 1.145 ng/ul

RT: 21.94 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BN000378.D

Acq: 14 Mar 2018 17:23

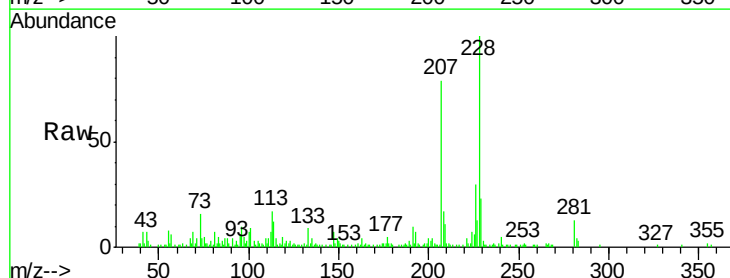
Tgt Ion:228 Resp: 76404

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

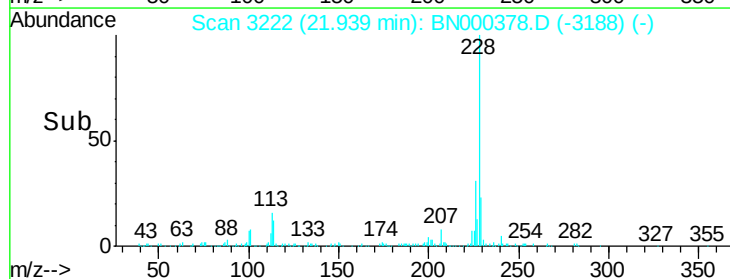
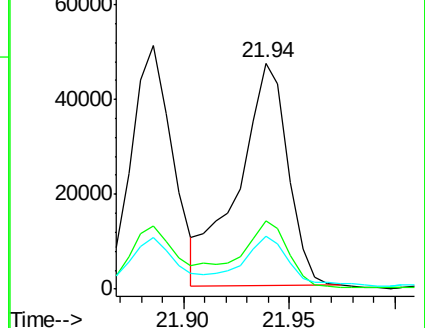
229 23.2 15.8 23.8

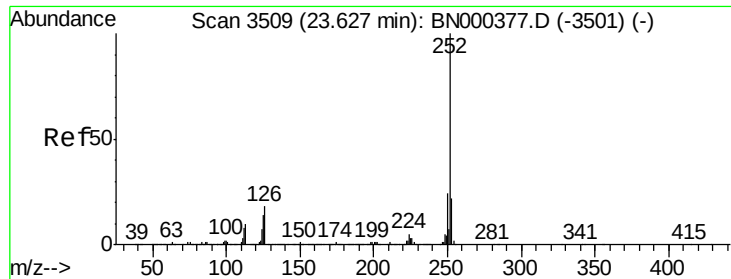


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 2.262 ng/ul

RT: 23.63 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BN000378.D

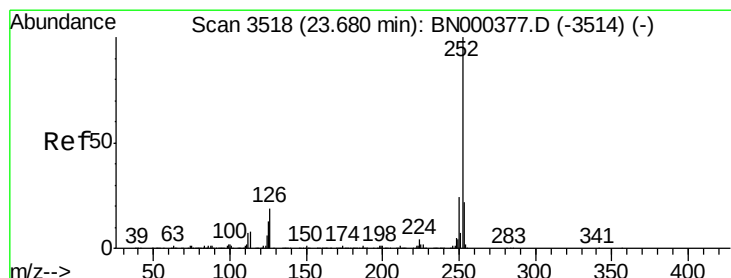
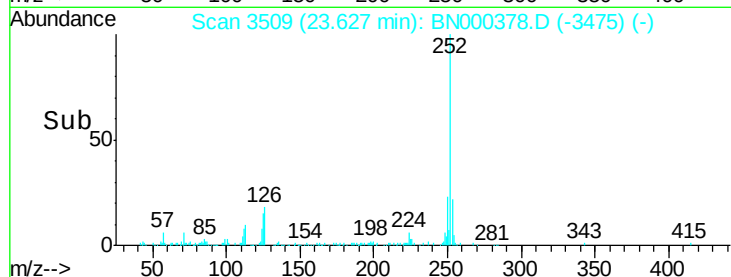
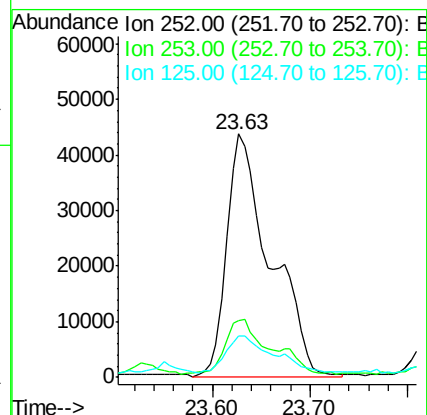
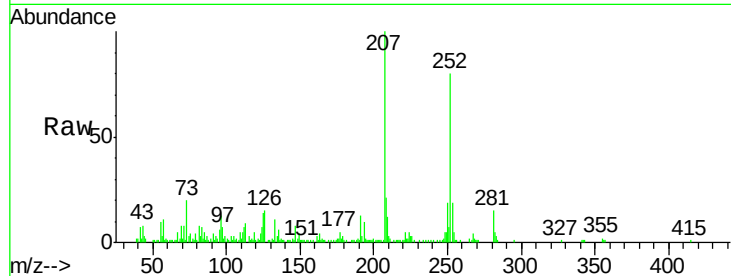
Acq: 14 Mar 2018 17:23

Instrument :

BNA_N

ClientSampled :

Tot Ion:252	Resp:	137284
Ion Ratio	Lower	Upper
252 100		
253 23.5	18.0	27.0
125 17.2	8.0	12.0#



#24

Benzo(k)fluoranthene

Concen: 1.710 ng/ul

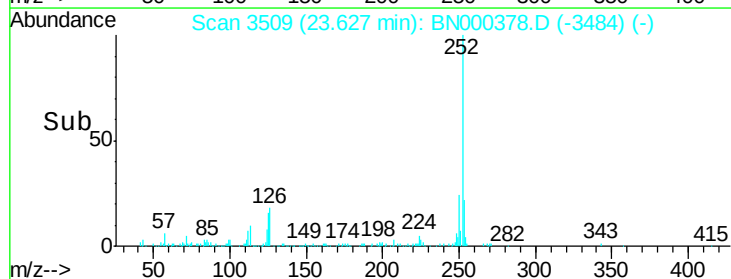
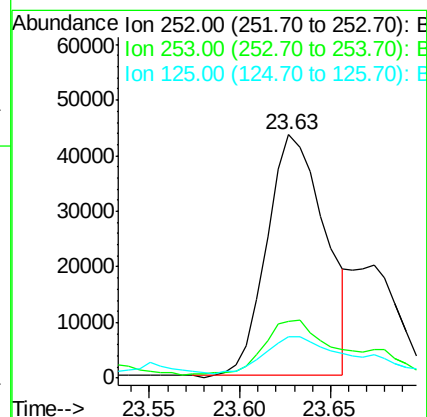
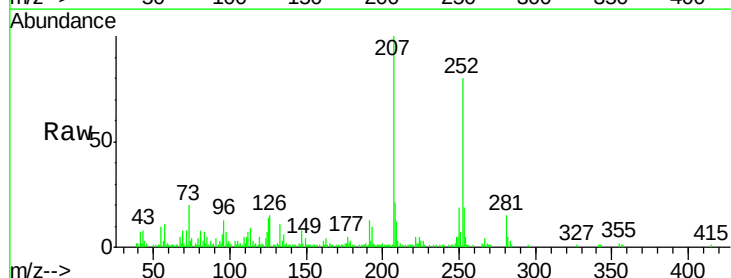
RT: 23.63 min Scan# 3509

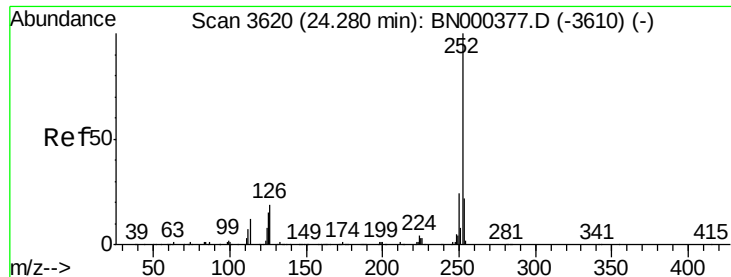
Delta R.T. -0.05 min

Lab File: BN000378.D

Acq: 14 Mar 2018 17:23

Tgt Ion:252	Resp:	97147
Ion Ratio	Lower	Upper
252 100		
253 23.5	18.0	27.0
125 17.2	8.1	12.1#





#26

Benzo(a)pyrene

Concen: 1.124 ng/ul

RT: 24.27 min Scan# 3619

Delta R.T. -0.01 min

Lab File: BN000378.D

Acq: 14 Mar 2018 17:23

Instrument :

BNA_N

ClientSampleId :

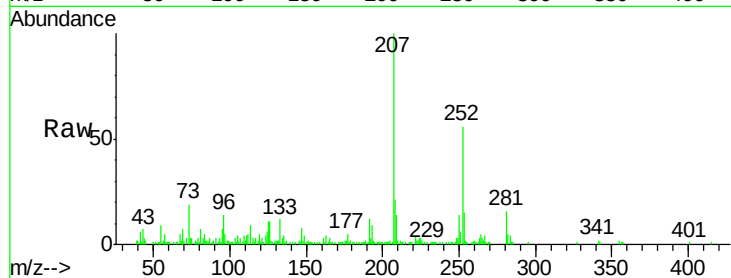
Tot Ion:252 Resp: 64903

Ion Ratio Lower Upper

252 100

253 25.9 17.2 25.8#

125 18.7 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

