Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM102315\
Data File : BM002983.D
Acq On : 22 Oct 2015 18:49
Operator : UM/IZ
Sample : G4074-21MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JG9J5MS

Manual Integrations APPROVED
mmdadoda
10/23/2015 4:43:37 PM

Quant Time: Oct 23 04:23:22 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM102215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 01:55:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	5307	0.40 ng/ul	0.00
4) Naphthalene-d8	11.48	136	23435	0.40 ng/ul	-0.01
8) Acenaphthene-d10	15.23	164	13960	0.40 ng/ul	0.00
12) Phenanthrene-d10	17.94	188	32279m	0.40 ng/ul	0.00
18) Chrysene-d12	22.03	240	28317	0.40 ng/ul	0.00
22) Perylene-d12	24.60	264	23629	0.40 ng/ul	0.00
System Monitoring Compounds					
2) 1,4-Dioxane-d8	3.71	96	23314	4.11 ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.03	152	12150	0.31 ng/ul	-0.01
16) Fluoranthene-d10	19.92	212	29472	0.34 ng/ul	-0.01
Target Compounds					Qvalue
11) Fluorene	16.25	166	2613	0.04 ng/ul#	72
13) Pentachlorophenol	17.61	266	1822	0.93 ng/ul	97
14) Phenanthrene	17.98	178	7404m	0.07 ng/ul	
17) Fluoranthene	19.95	202	20395	0.17 ng/ul	93
19) Pyrene	20.30	202	23719	0.23 ng/ul#	93
20) Benzo(a)anthracene	22.01	228	8550	0.09 ng/ul#	88
21) Chrysene	22.08	228	10401	0.11 ng/ul#	87

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

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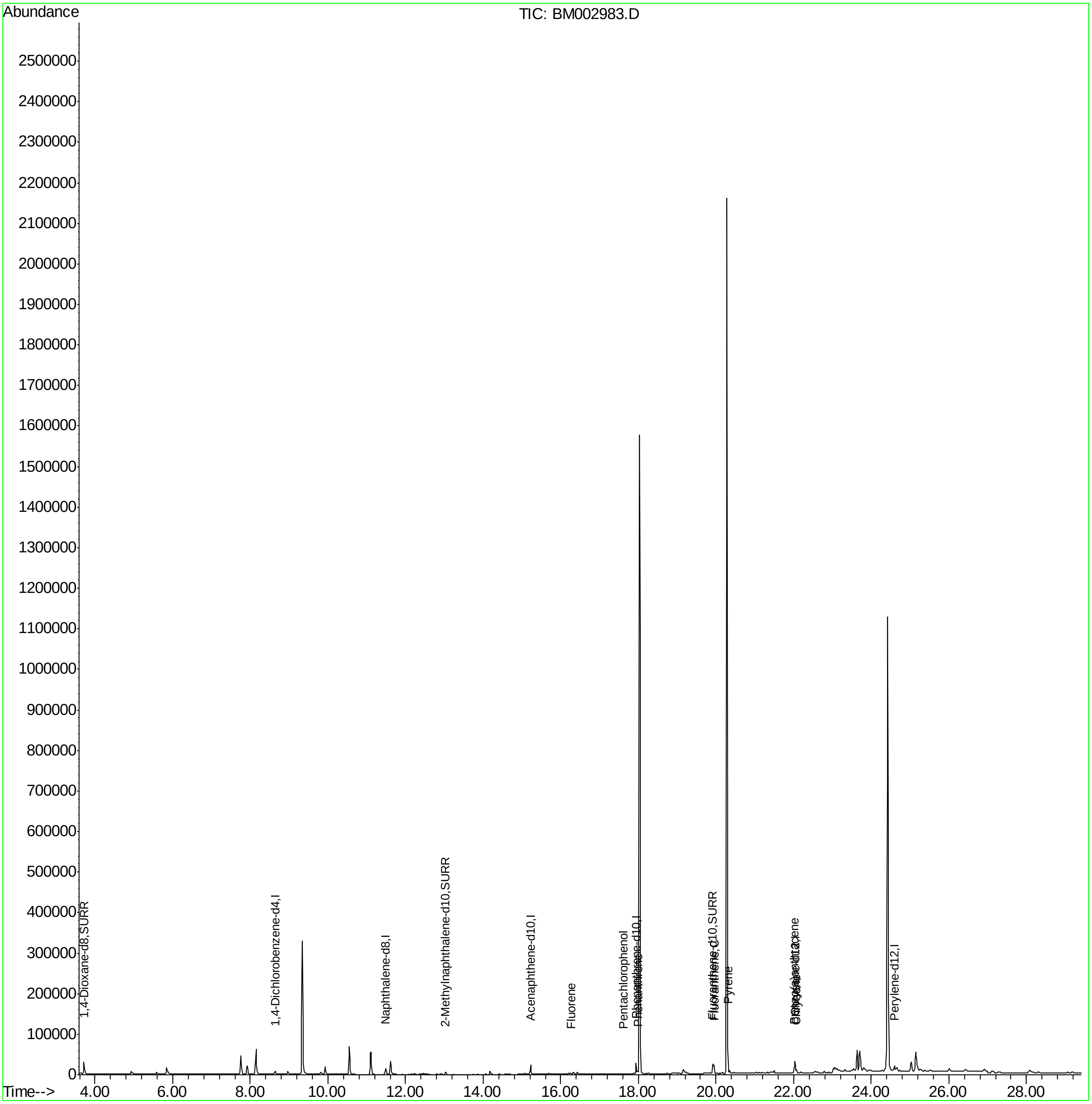

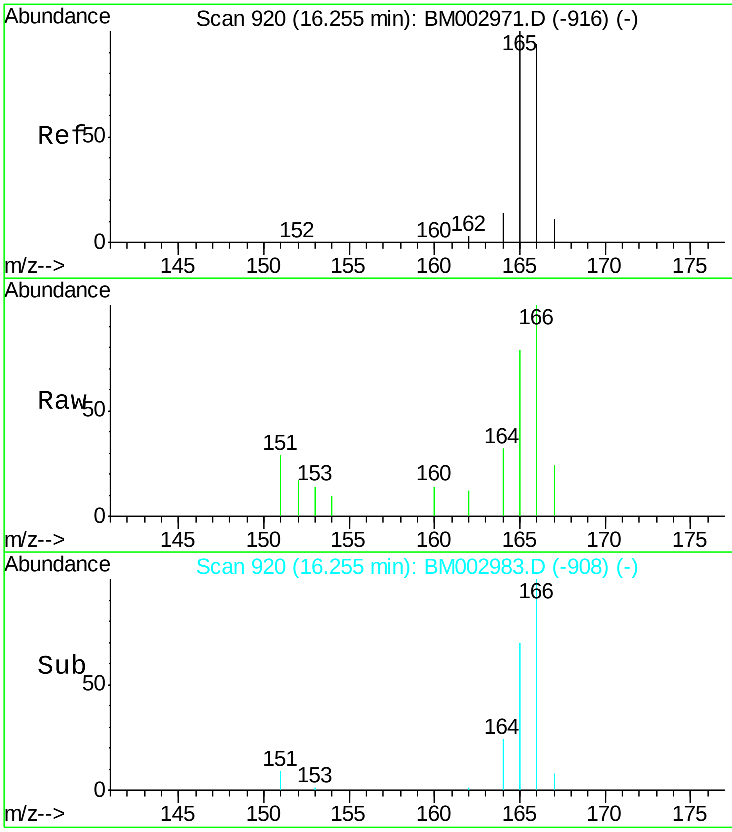


```
#11
Fluorene
Concen:    0.04 ng/ul
RT: 16.25 min  Scan# 920
Delta R.T.   -0.00 min
Lab File:   BM002983.D
Acq: 22 Oct 2015  18:49

Tgt Ion:166 Resp:    2613
Ion  Ratio  Lower  Upper
166  100
165   79.3   87.6  131.4#
167   24.0   11.1   16.7#
```

Instrument :
BNA_M
ClientSampleId :
JG9J5MS

Manual Integrations APPROVED
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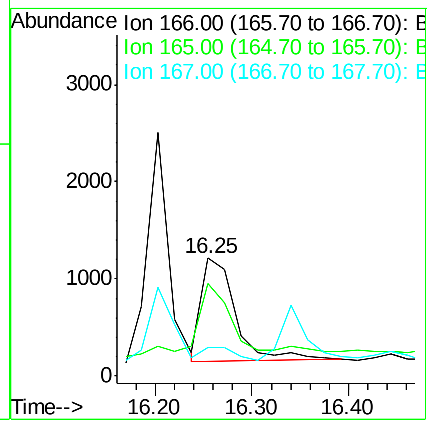
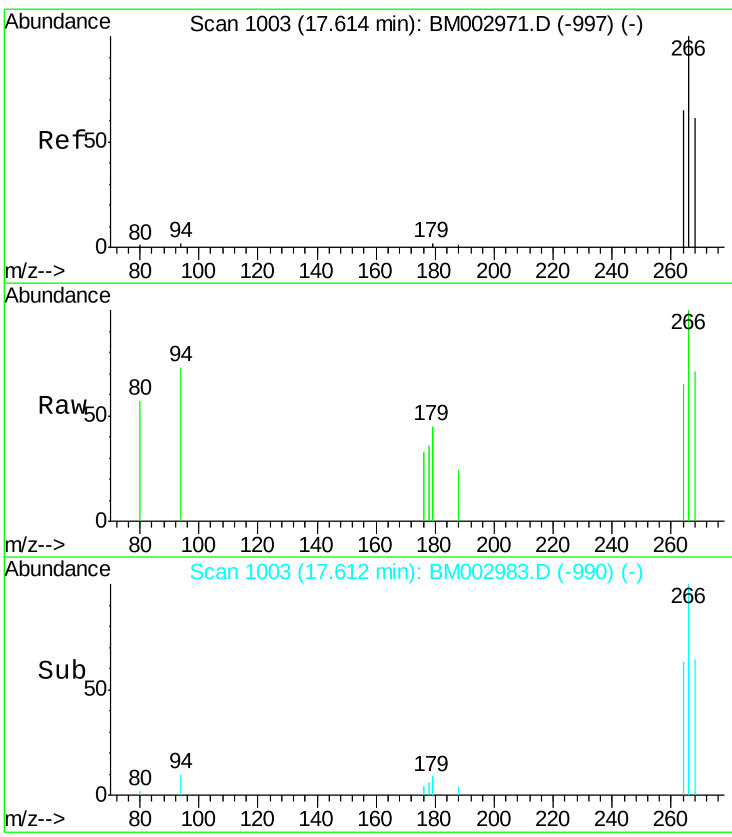
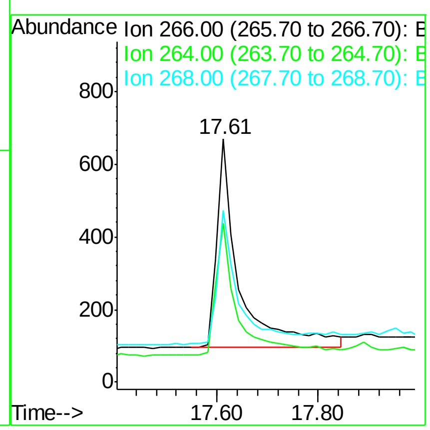
10/23/2015 4:43:37 PM

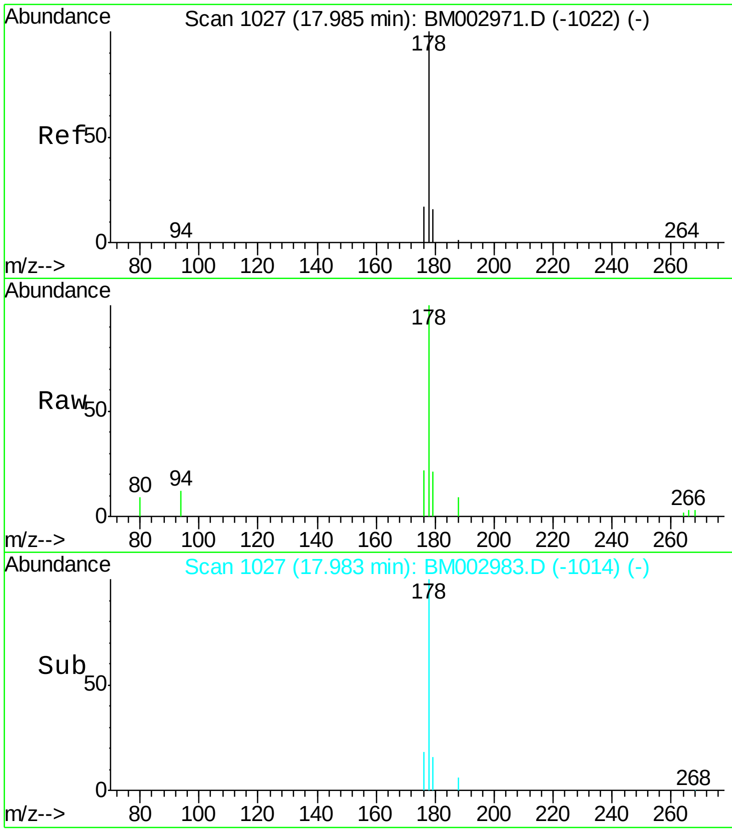





```
#13
Pentachlorophenol
Concen:    0.93 ng/ul
RT: 17.61 min  Scan# 1003
Delta R.T.   -0.00 min
Lab File:   BM002983.D
Acq: 22 Oct 2015  18:49

Tgt Ion:266 Resp:    1822
Ion  Ratio  Lower  Upper
266  100
264   63.1   53.5   80.3
268   67.1   54.2   81.2
```





#14
Phenanthrene
Concen: 0.07 ng/ul m
RT: 17.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BM002983.D
Acq: 22 Oct 2015 18:49

Tgt Ion:178 Resp: 7404

Ion	Ratio	Lower	Upper
178	100		
176	21.5	16.2	24.4
179	21.5	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
JG9J5MS

Manual Integrations APPROVED
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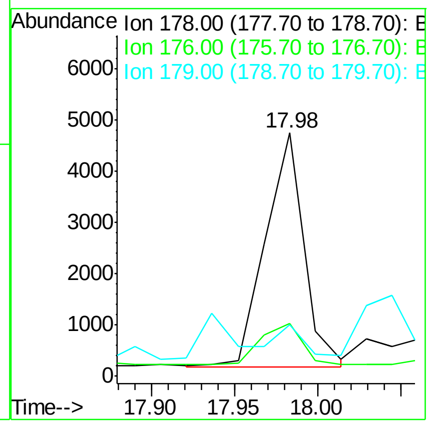
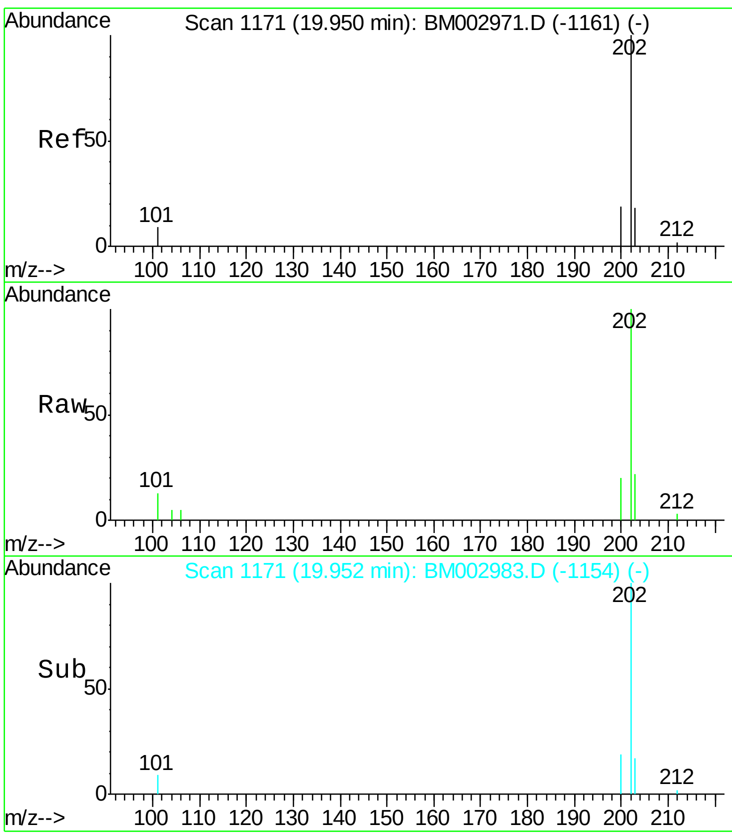
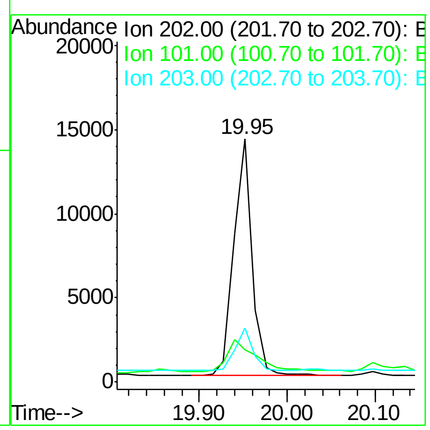




#17
Fluoranthene
Concen: 0.17 ng/ul
RT: 19.95 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BM002983.D
Acq: 22 Oct 2015 18:49

Tgt Ion:202 Resp: 20395

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.1
203	22.3	0.0	37.2



Instrument :
BNA_M
ClientSampleId :
JG9J5MS

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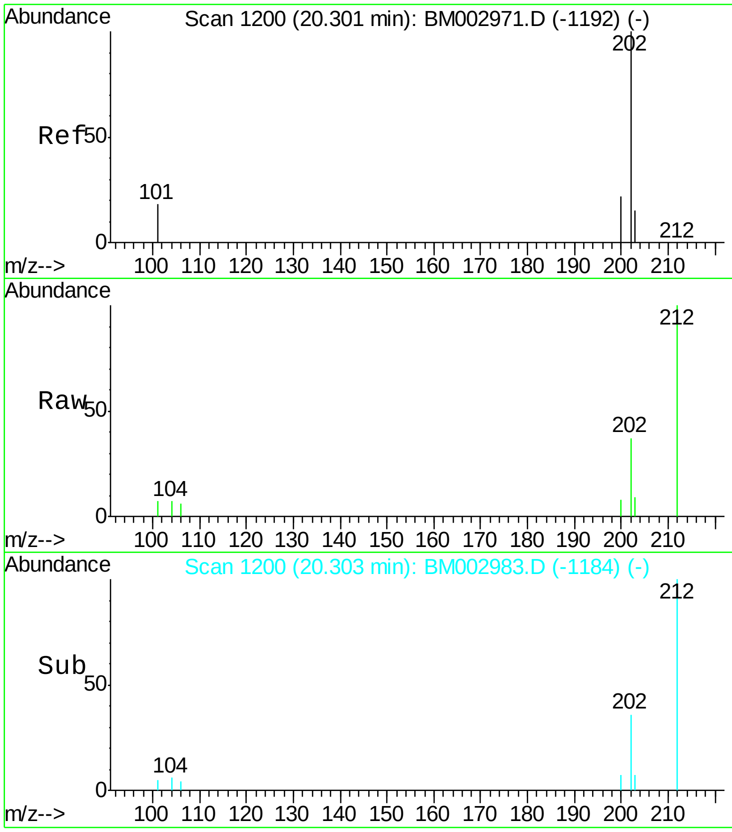
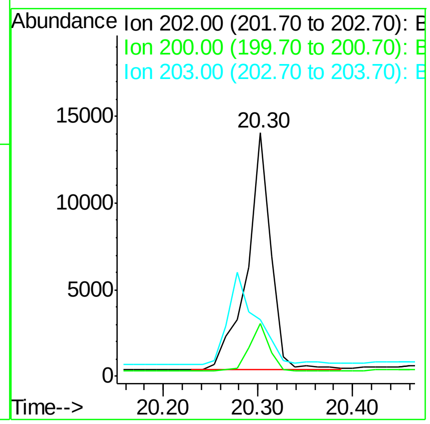
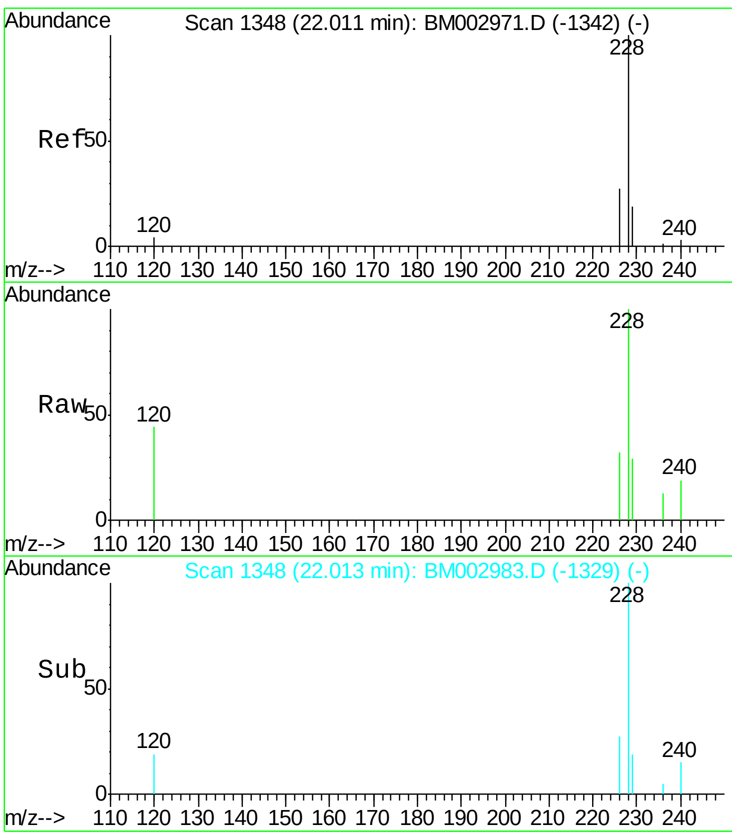


#19
Pyrene
Concen: 0.23 ng/ul
RT: 20.30 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BM002983.D
Acq: 22 Oct 2015 18:49

Tgt Ion:202 Resp: 23719

Ion	Ratio	Lower	Upper
202	100		
200	21.7	18.0	27.0
203	23.1	13.8	20.6#

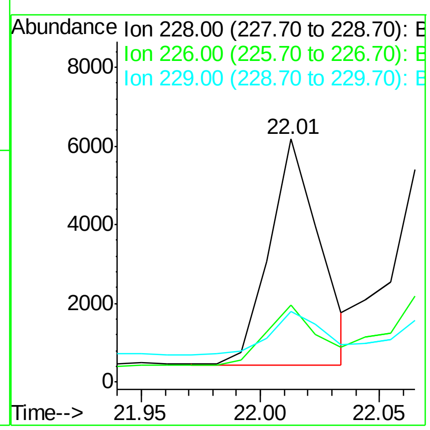


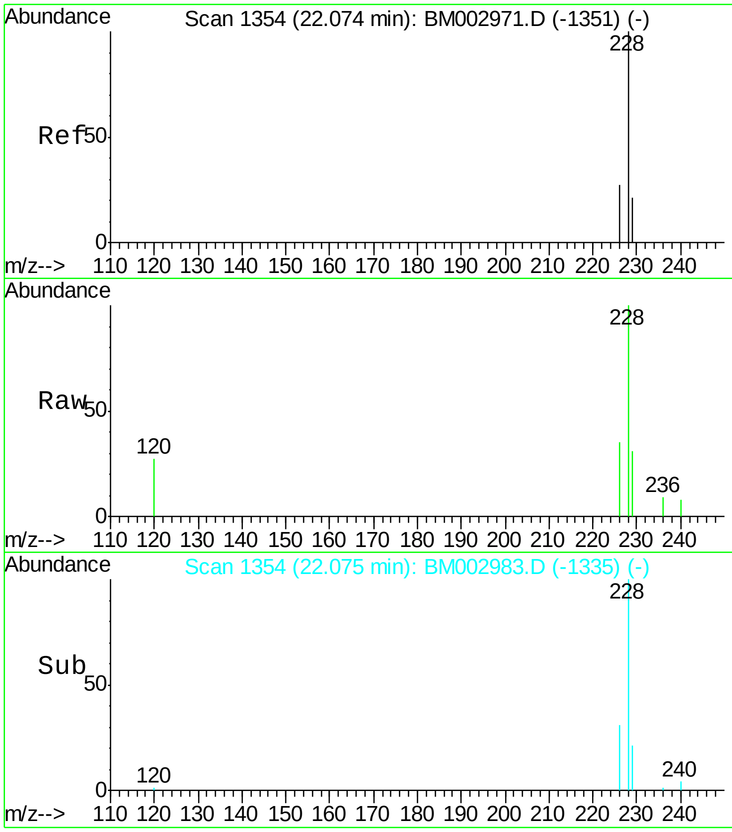


#20
Benzo(a)anthracene
Concen: 0.09 ng/ul
RT: 22.01 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BM002983.D
Acq: 22 Oct 2015 18:49

Tgt Ion:228 Resp: 8550

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.0	34.4
229	28.9	15.2	22.8#





#21
Chrysene
Concen: 0.11 ng/ul
RT: 22.08 min Scan# 1354
Delta R.T.   0.00 min
Lab File: BM002983.D
Acq: 22 Oct 2015 18:49

Tgt Ion:228 Resp: 10401

Ion	Ratio	Lower	Upper
228	100		
226	34.9	25.7	38.5
229	31.4	15.2	22.8#

Instrument :
BNA_M
ClientSampleId :
JG9J5MS

Manual Integrations APPROVED
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10/23/2015 4:43:37 PM