Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM123015\
Data File : BM003840.D
Acq On : 28 Dec 2015 22:09
Operator : SJ/UM
Sample : G4849-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9N69

Manual Integrations APPROVED
UMANGI
12/29/2015 5:41:36 PM

Quant Time: Dec 29 14:56:14 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 29 07:09:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	3615	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	15724	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.33	164	9563	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	21112m	0.40	ng/ul	0.00
18) Chrysene-d12	21.29	240	17387	0.40	ng/ul	0.00
22) Perylene-d12	23.52	264	11506m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	20664	13.37	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	12.07	152	7816	0.41	ng/ul	0.00
16) Fluoranthene-d10	19.11	212	19580m	0.44	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.51	128	49569	1.40	ng/ul	97
7) 2-Methylnaphthalene	12.13	142	7142	0.30	ng/ul	99
10) Acenaphthene	14.38	153	8440	0.29	ng/ul#	80
11) Fluorene	15.39	166	9255m	0.28	ng/ul	
14) Phenanthrene	17.11	178	41325m	0.76	ng/ul	
17) Fluoranthene	19.15	202	14450	0.24	ng/ul	93
20) Benzo(a)anthracene	21.27	228	1658	0.04	ng/ul#	85
21) Chrysene	21.32	228	1531	0.03	ng/ul#	84

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

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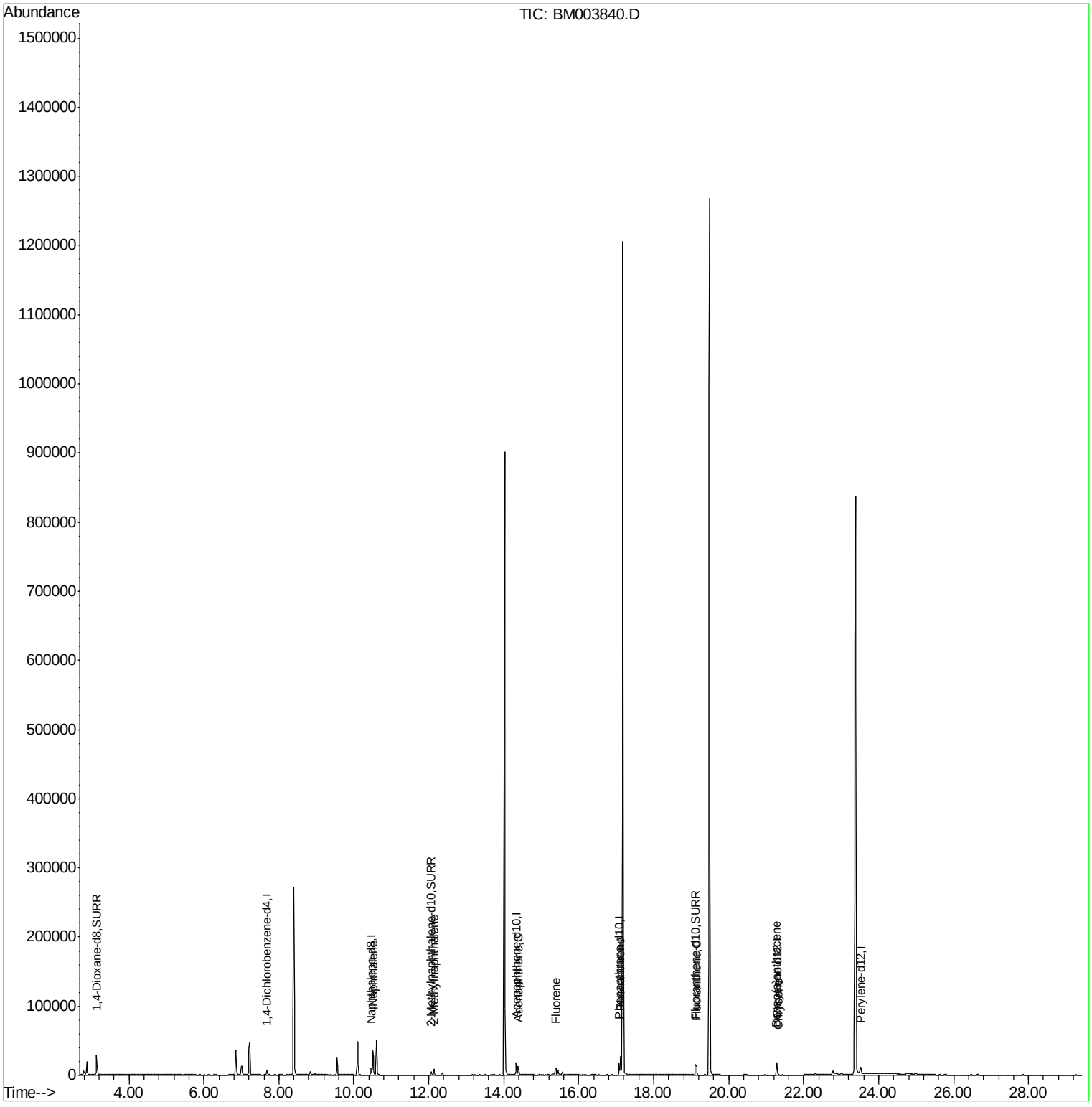
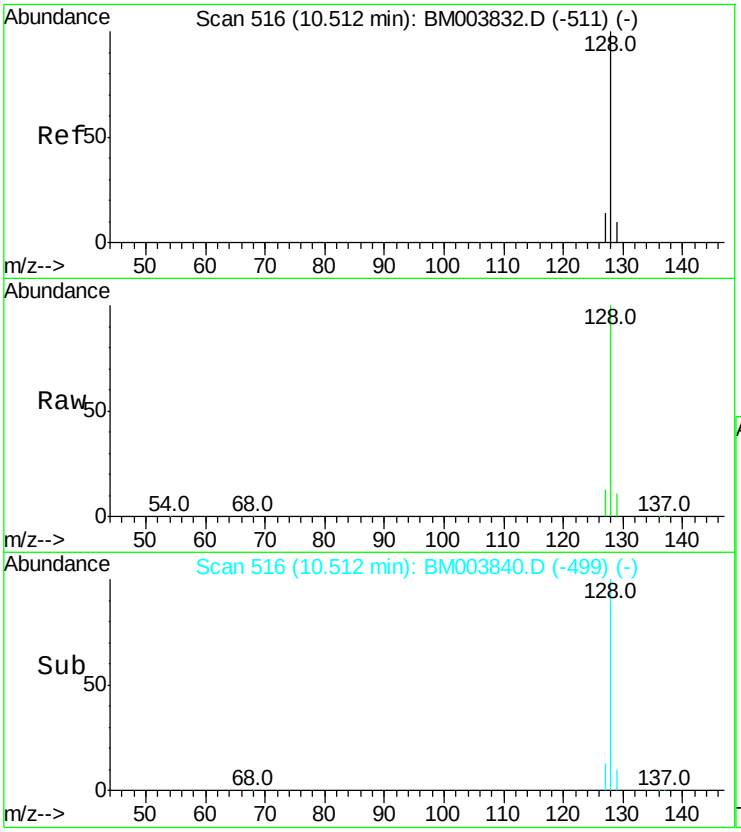
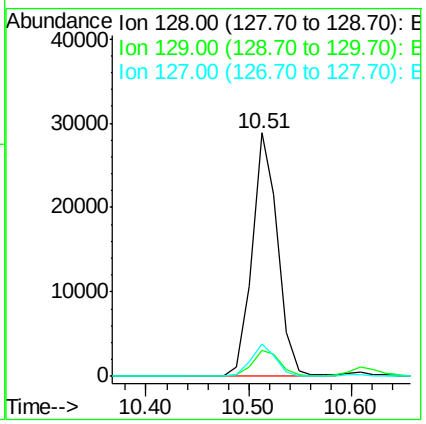




#5
Naphthalene
Concen: 1.40 ng/ul
RT: 10.51 min Scan# 516
Delta R.T. -0.00 min
Lab File: BM003840.D
Acq: 28 Dec 2015 22:09

Tgt Ion:128 Resp: 49569

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	13.5	9.6	14.4



Instrument :
BNA_M
ClientSampleId :
D9N69

Manual Integrations APPROVED
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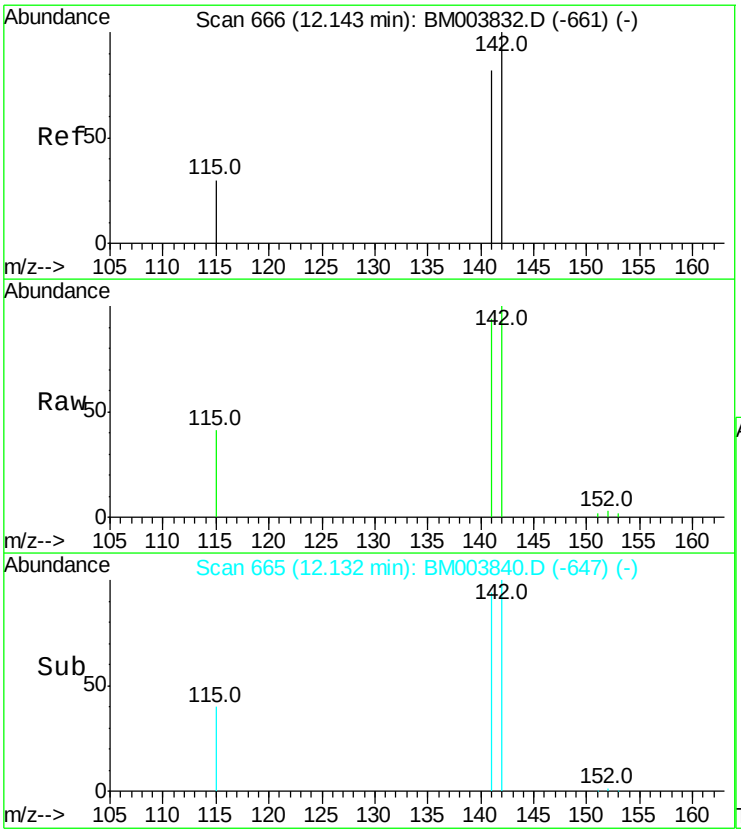
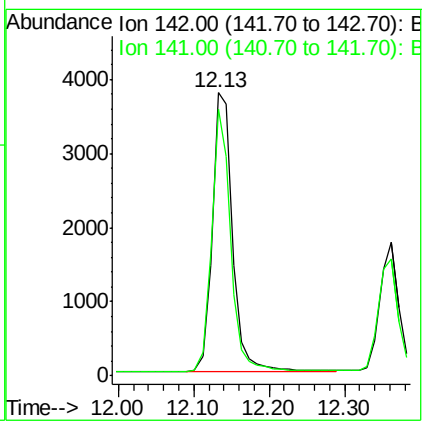
12/29/2015 5:41:36 PM

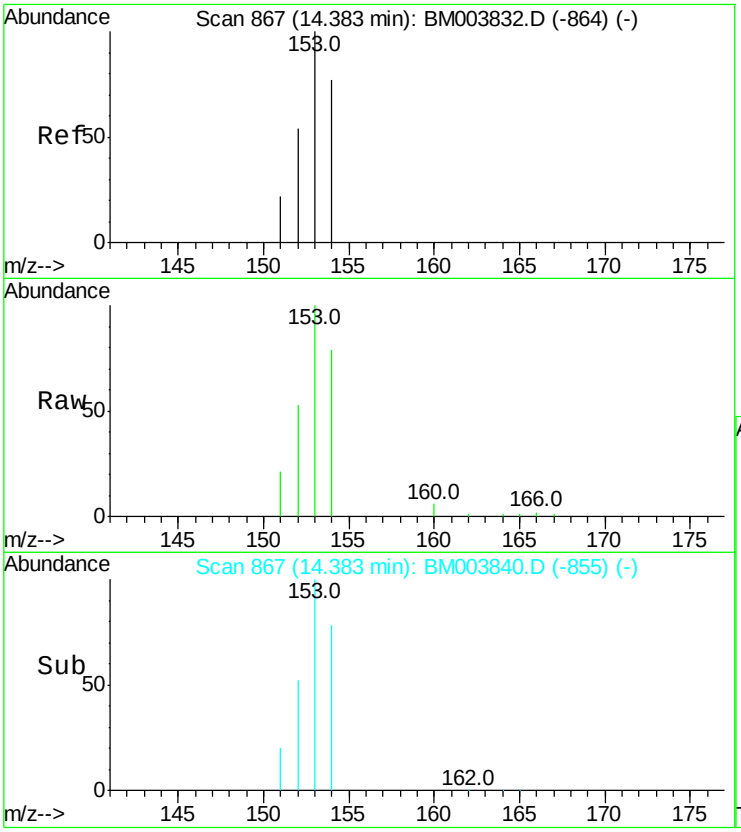


#7
2-Methylnaphthalene
Concen: 0.30 ng/ul
RT: 12.13 min Scan# 665
Delta R.T. -0.01 min
Lab File: BM003840.D
Acq: 28 Dec 2015 22:09

Tgt Ion:142 Resp: 7142

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.3	105.5

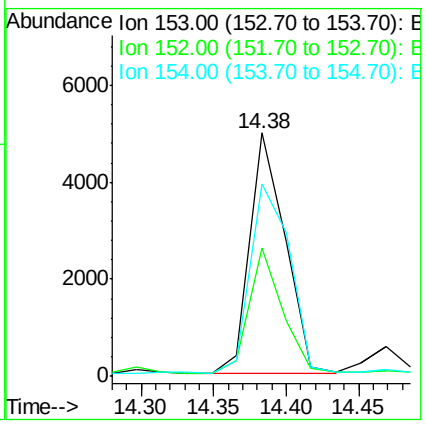




#10
Acenaphthene
Concen: 0.29 ng/ul
RT: 14.38 min Scan# 867
Delta R.T. -0.00 min
Lab File: BM003840.D
Acq: 28 Dec 2015 22:09

Tgt Ion:153 Resp: 8440

Ion	Ratio	Lower	Upper
153	100		
152	52.6	33.9	50.9#
154	78.8	80.6	121.0#



Instrument :
BNA_M
ClientSampleId :
D9N69

Manual Integrations APPROVED
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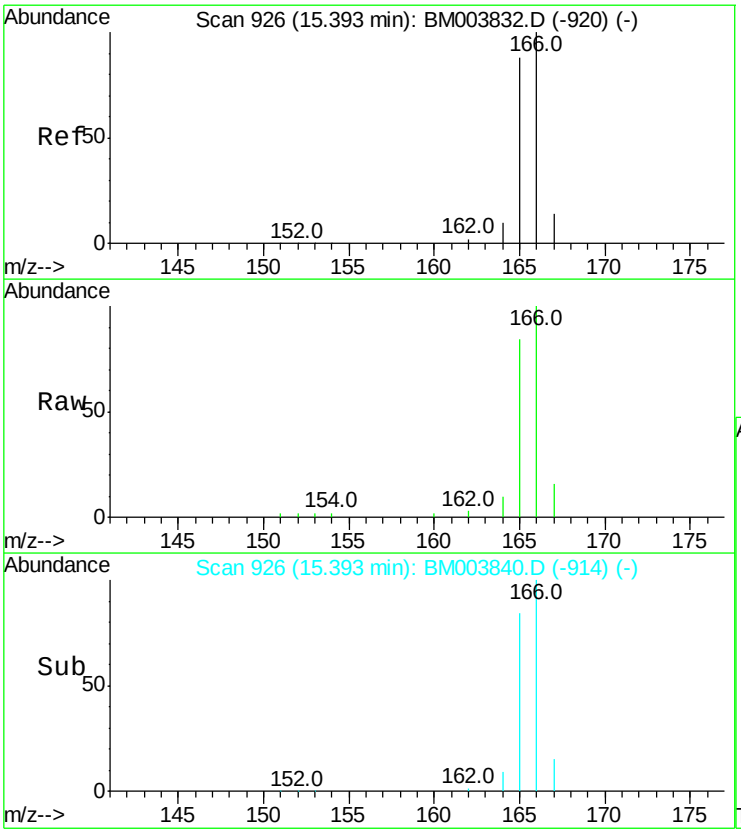
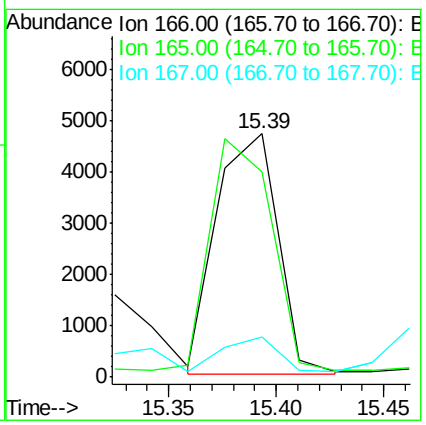
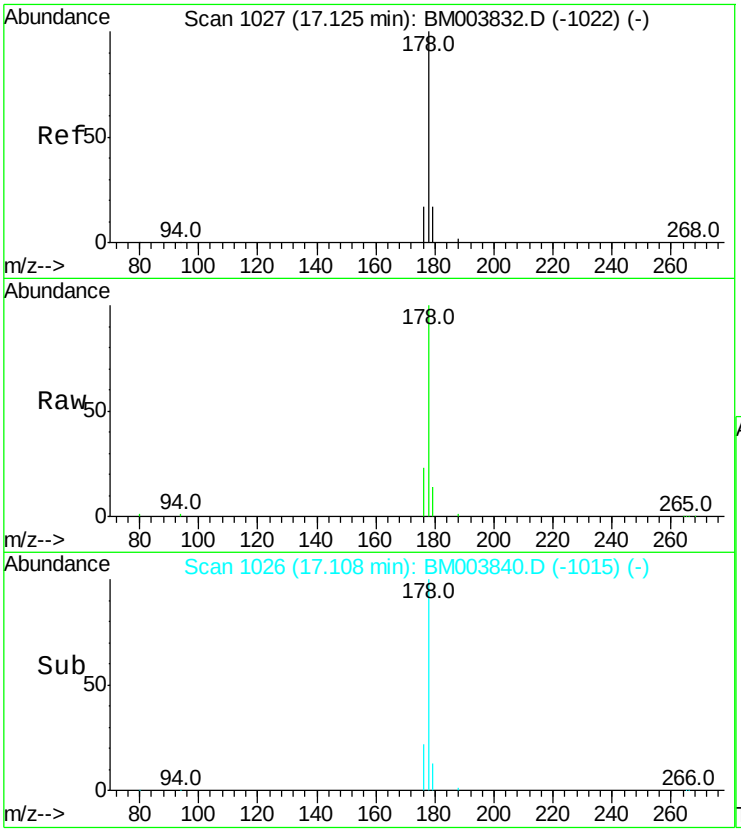


#11
Fluorene
Concen: 0.28 ng/ul m
RT: 15.39 min Scan# 926
Delta R.T. -0.00 min
Lab File: BM003840.D
Acq: 28 Dec 2015 22:09

Tgt Ion:166 Resp: 9255

Ion	Ratio	Lower	Upper
166	100		
165	84.1	69.6	104.4
167	16.4	11.9	17.9

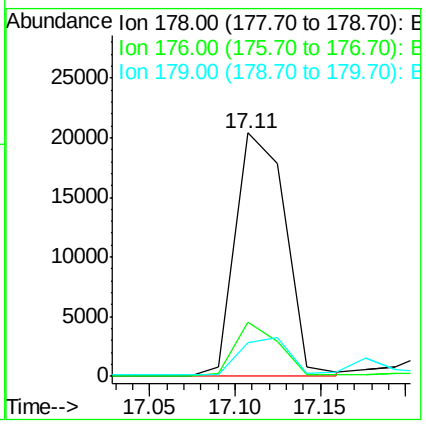




#14
Phenanthrene
Concen: 0.76 ng/ul m
RT: 17.11 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BM003840.D
Acq: 28 Dec 2015 22:09

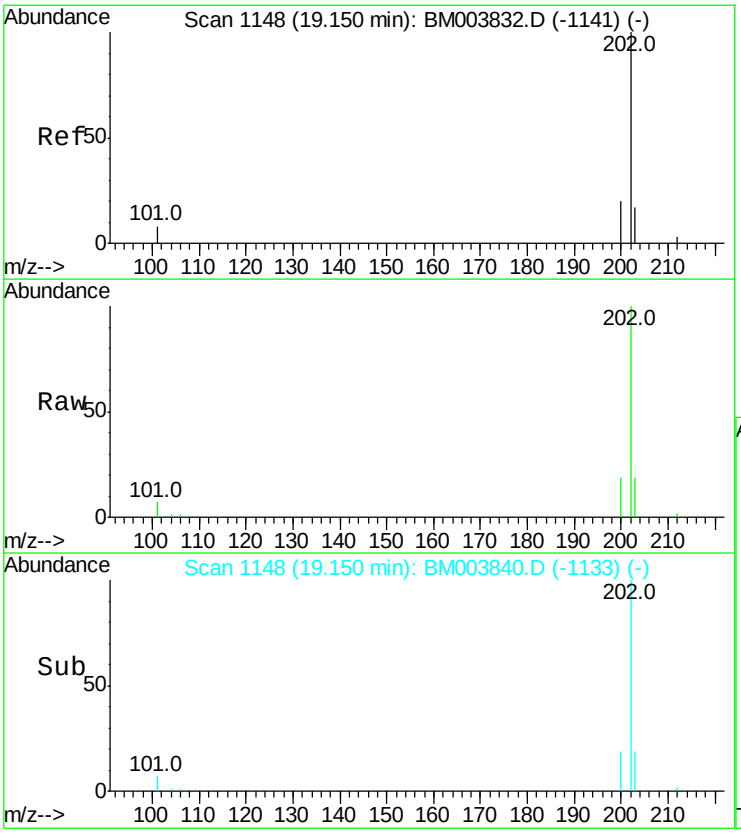
Tgt Ion:178 Resp: 41325

Ion	Ratio	Lower	Upper
178	100		
176	22.5	13.0	19.4#
179	13.7	14.2	21.2#



Instrument :
BNA_M
ClientSampleId :
D9N69

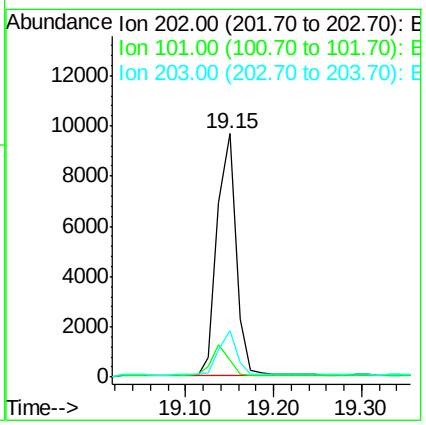
Manual Integrations APPROVED
UMANGI
12/29/2015 5:41:36 PM

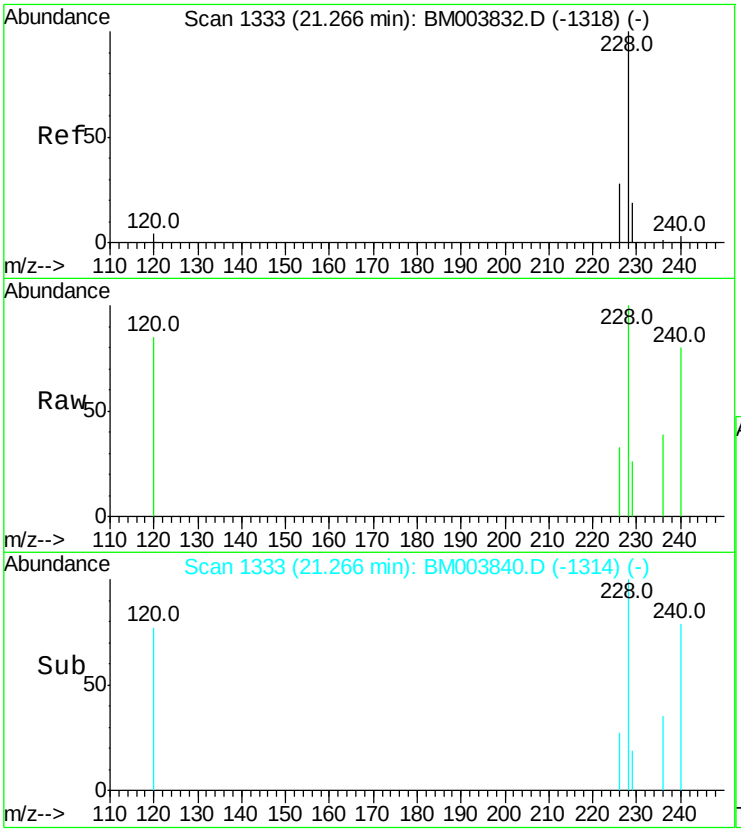


#17
Fluoranthene
Concen: 0.24 ng/ul
RT: 19.15 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BM003840.D
Acq: 28 Dec 2015 22:09

Tgt Ion:202 Resp: 14450

Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	29.6
203	19.0	0.0	36.3

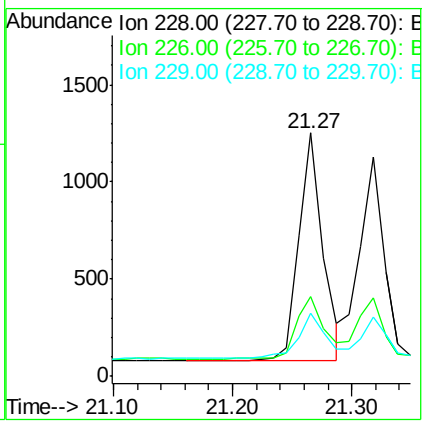




#20
Benzo(a)anthracene
Concen: 0.04 ng/ul
RT: 21.27 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BM003840.D
Acq: 28 Dec 2015 22:09

Tgt Ion:228 Resp: 1658

Ion	Ratio	Lower	Upper
228	100		
226	32.9	18.8	28.2#
229	25.9	17.1	25.7#



Instrument :
BNA_M
ClientSampleId :
D9N69

Manual Integrations APPROVED
UMANGI
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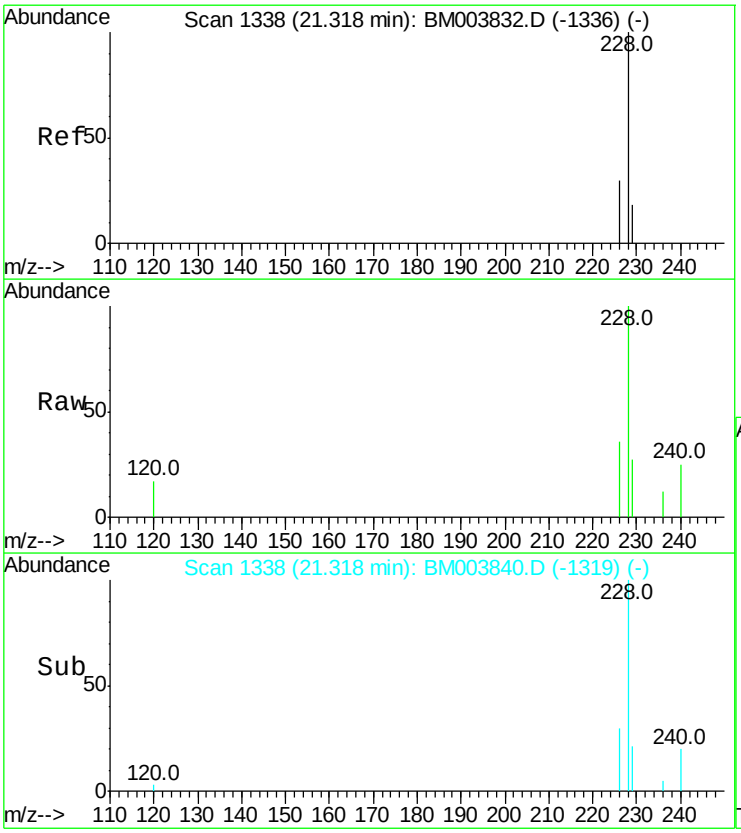

#21
Chrysene
Concen: 0.03 ng/ul
RT: 21.32 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BM003840.D
Acq: 28 Dec 2015 22:09

Tgt Ion:228 Resp: 1531

Ion	Ratio	Lower	Upper
228	100		
226	35.8	21.2	31.8#
229	27.3	17.0	25.6#