Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111315\
Data File : BE091154.D
Acq On : 13 Nov 2015 23:09
Operator : UM/NP
Sample : G4342-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
D9KN9

Manual Integrations APPROVED
mmdadoda
11/16/2015 3:24:16 PM

Quant Time: Nov 16 10:47:39 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 14 04:34:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	4133	0.40	ng/ul	-0.07
4) Naphthalene-d8	9.57	136	20810	0.40	ng/ul	-0.04
8) Acenaphthene-d10	13.39	164	12600	0.40	ng/ul	-0.01
12) Phenanthrene-d10	16.10	188	30199	0.40	ng/ul	-0.01
18) Chrysene-d12	20.24	240	47527	0.40	ng/ul	0.00
22) Perylene-d12	22.13	264	42526m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.10	96	15666	5.27	ng/uL	-0.06
6) 2-Methylnaphthalene-d10	11.11	152	4241	0.15	ng/ul	0.00
16) Fluoranthene-d10	18.09	212	12739	0.15	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	16.14	178	44339	0.13	ng/ul#	94
17) Fluoranthene	18.11	202	100694	0.25	ng/ul	84
19) Pyrene	18.49	202	101962	0.19	ng/ul#	73
20) Benzo(a)anthracene	20.21	228	11577	0.09	ng/ul#	89
21) Chrysene	20.27	228	14776	0.11	ng/ul#	88
26) Indeno(1,2,3-cd)pyrene	23.75	276	25304	0.05	ng/ul	93

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

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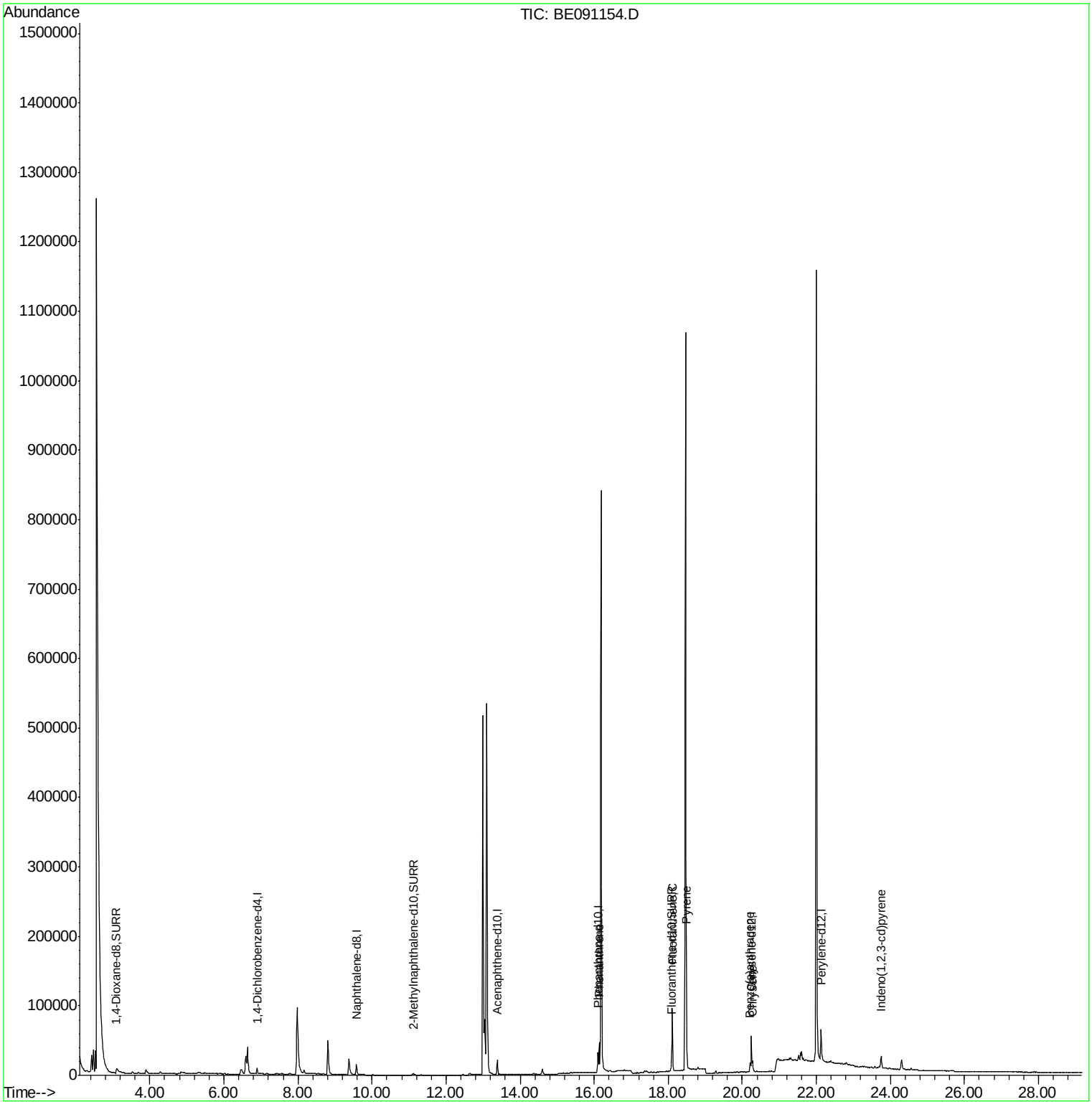
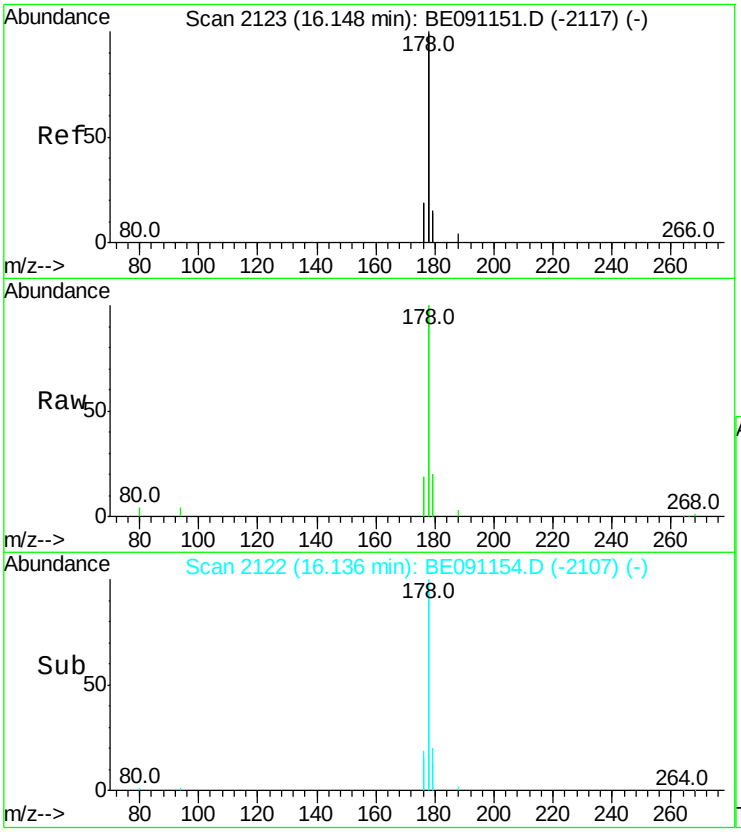
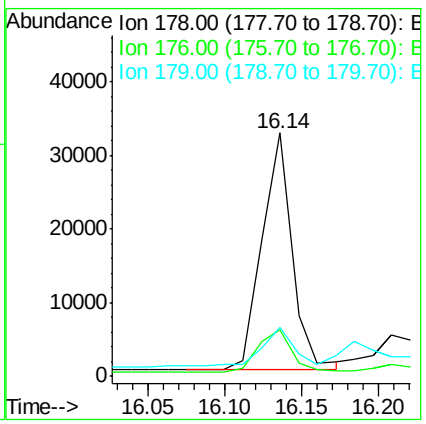




#14
Phenanthrene
Concen: 0.13 ng/ul
RT: 16.14 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BE091154.D
Acq: 13 Nov 2015 23:09

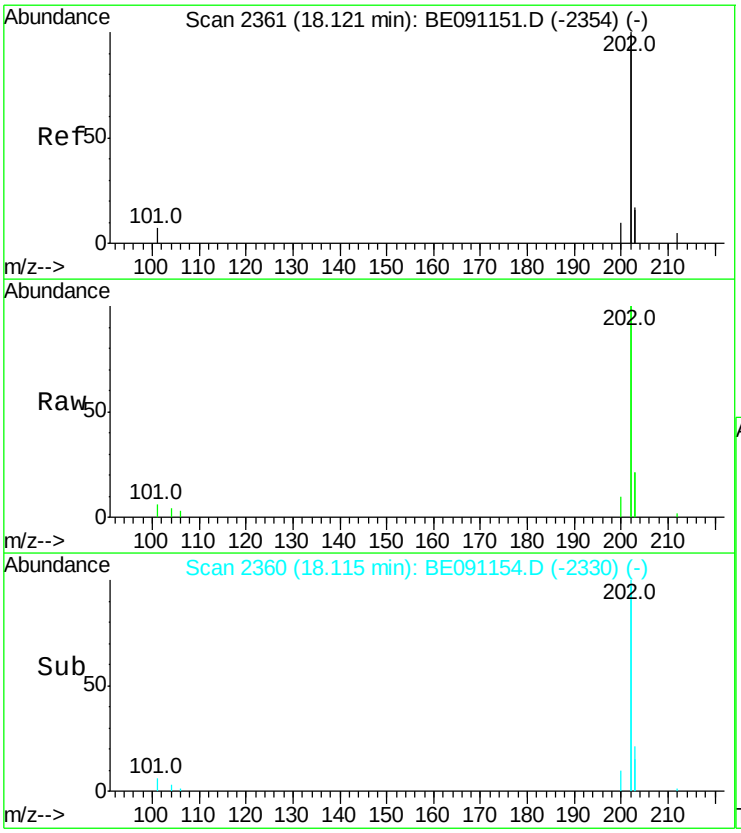
Tgt Ion:178 Resp: 44339

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	20.1	12.8	19.2#



Instrument :
BNA_E
ClientSampleId :
D9KN9

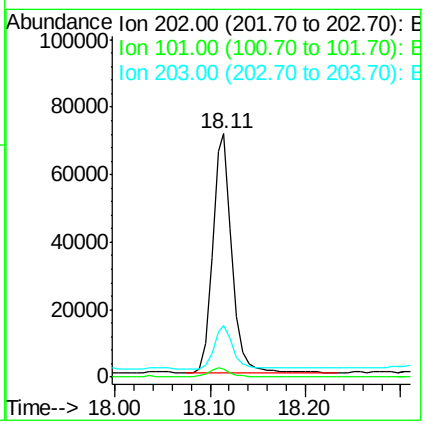
Manual Integrations APPROVED
mmdadoda
11/16/2015 3:24:16 PM

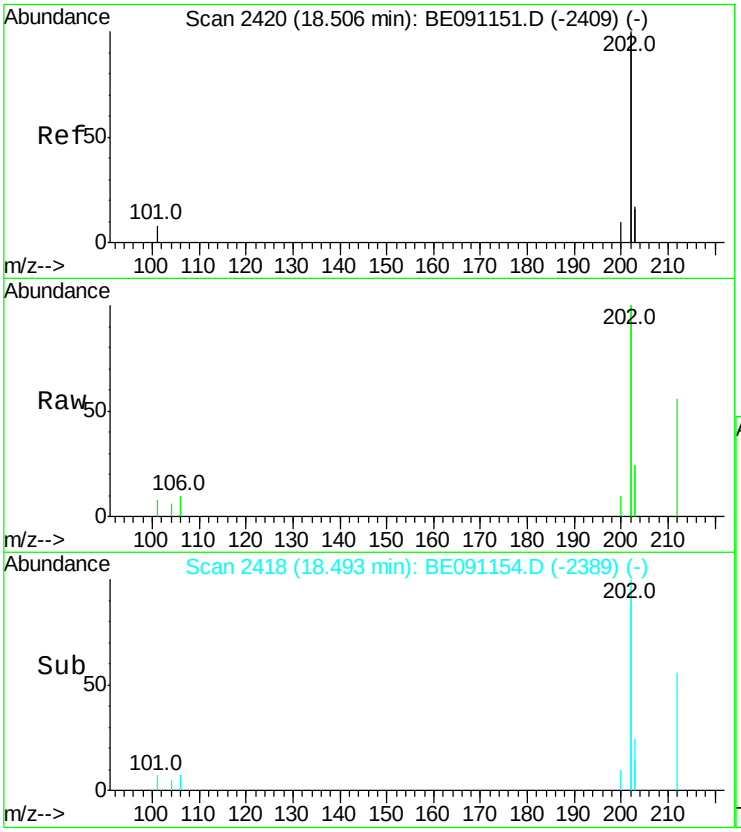


#17
Fluoranthene
Concen: 0.25 ng/ul
RT: 18.11 min Scan# 2360
Delta R.T. -0.01 min
Lab File: BE091154.D
Acq: 13 Nov 2015 23:09

Tgt Ion:202 Resp: 100694

Ion	Ratio	Lower	Upper
202	100		
101	3.2	0.0	33.1
203	21.4	0.0	37.2





#19
Pyrene
Concen: 0.19 ng/ul
RT: 18.49 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BE091154.D
Acq: 13 Nov 2015 23:09

Tgt Ion:202 Resp: 101962

Ion	Ratio	Lower	Upper
202	100		
200	5.2	18.0	27.0#
203	23.8	13.8	20.6#

Instrument :
BNA_E
ClientSampleId :
D9KN9

Manual Integrations APPROVED
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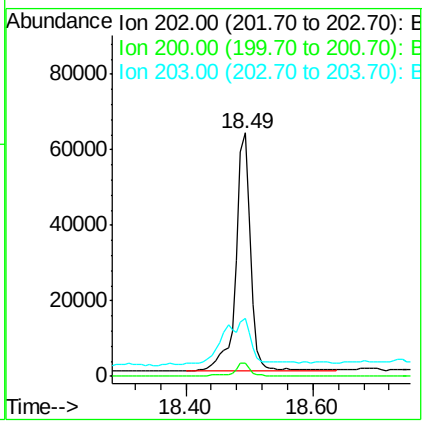
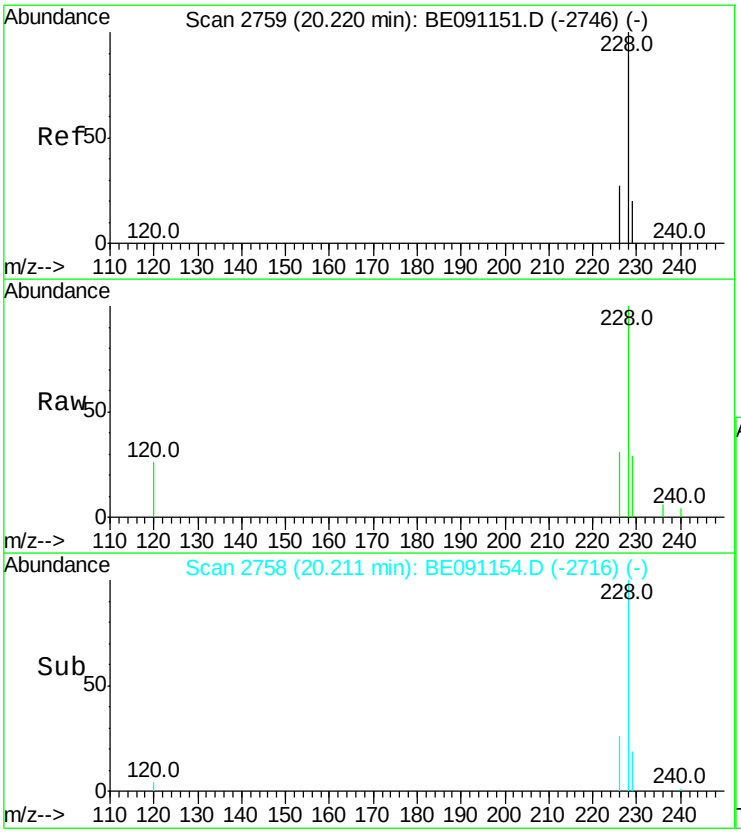
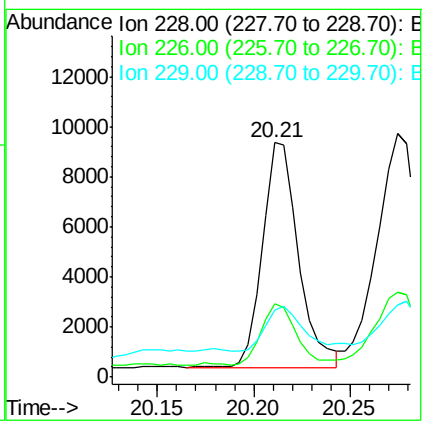


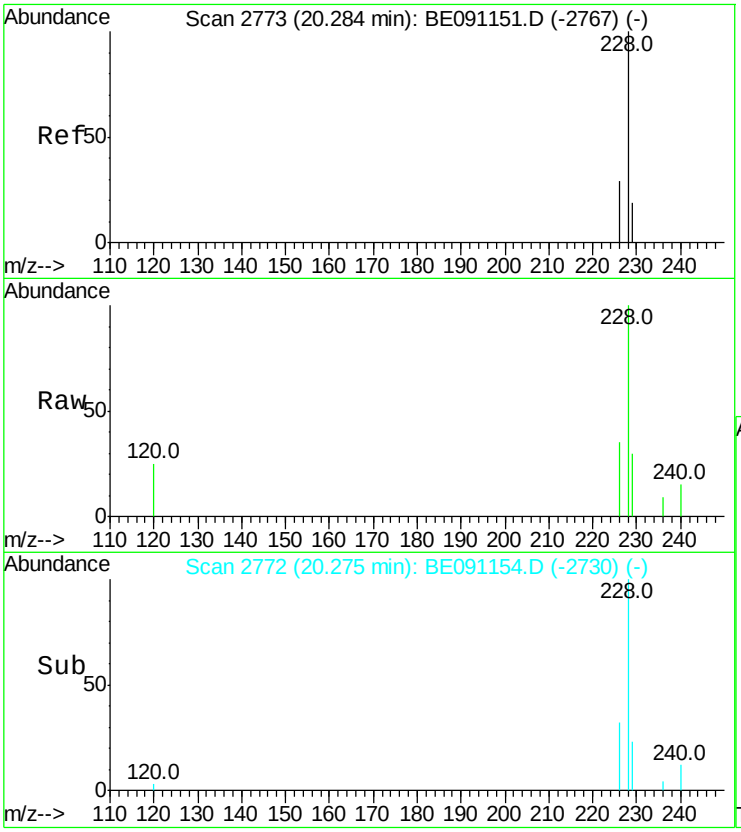


#20
Benzo(a)anthracene
Concen: 0.09 ng/ul
RT: 20.21 min Scan# 2758
Delta R.T. -0.01 min
Lab File: BE091154.D
Acq: 13 Nov 2015 23:09

Tgt Ion:228 Resp: 11577

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.0	34.4
229	28.5	15.2	22.8#





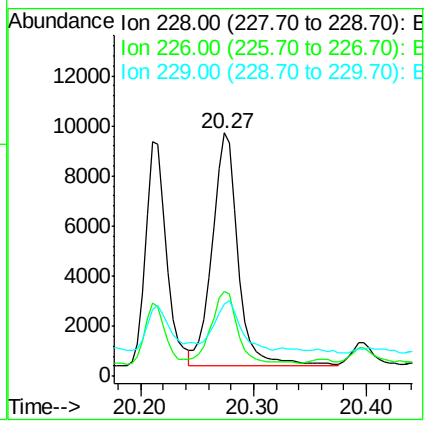
#21
Chrysene
Concen: 0.11 ng/ul
RT: 20.27 min Scan# 2772
Delta R.T. -0.01 min
Lab File: BE091154.D
Acq: 13 Nov 2015 23:09

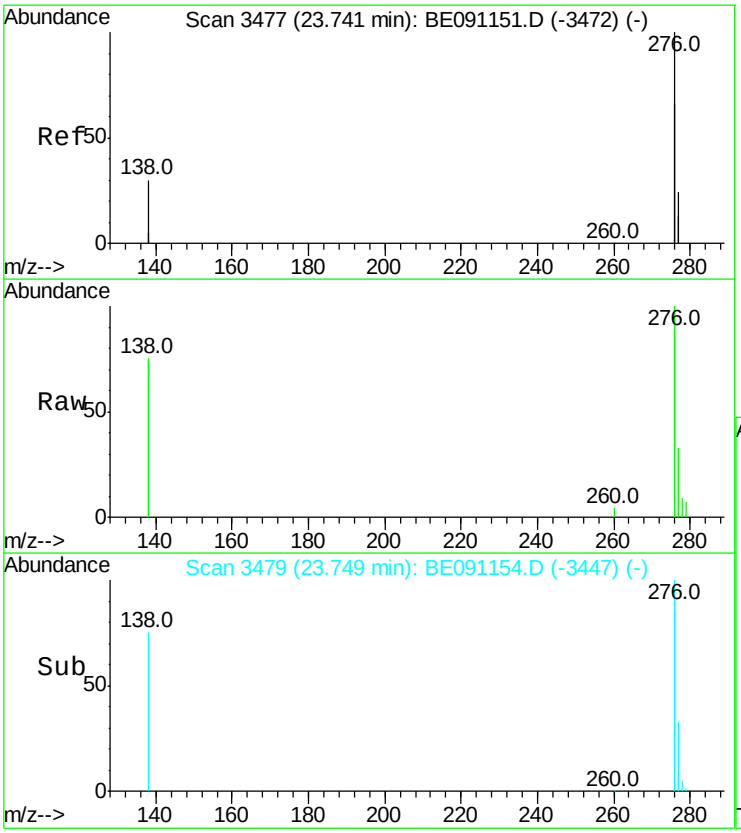
Tgt Ion:228 Resp: 14776

Ion	Ratio	Lower	Upper
228	100		
226	34.7	25.7	38.5
229	29.8	15.2	22.8#

Instrument :
BNA_E
ClientSampleId :
D9KN9

Manual Integrations APPROVED
mmdadoda
11/16/2015 3:24:16 PM





#26
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng/ul
RT: 23.75 min Scan# 3479
Delta R.T. 0.01 min
Lab File: BE091154.D
Acq: 13 Nov 2015 23:09

Tgt Ion:276 Resp: 25304

Ion	Ratio	Lower	Upper
276	100		
138	28.5	27.5	41.3
277	22.4	19.3	28.9