Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
Data File : BE097458.D
Acq On : 12 Sep 2018 19:39
Operator : SJ/JU
Sample : J4792-21
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Z36

Manual Integrations APPROVED
Sohil
9/13/2018 5:42:23 PM

Quant Time: Sep 13 02:24:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 01:51:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	965	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5398	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3943	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9768m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10976m	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	10796m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.71	152	2485	0.30	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	9238m	0.29	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	16.80	178	554m	0.022	ng/ul	
15) Fluoranthene	18.83	202	1234m	0.038	ng/ul	
17) Pyrene	19.20	202	1269	0.043	ng/ul	97
18) Benzo(a)anthracene	20.95	228	628m	0.022	ng/ul	

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

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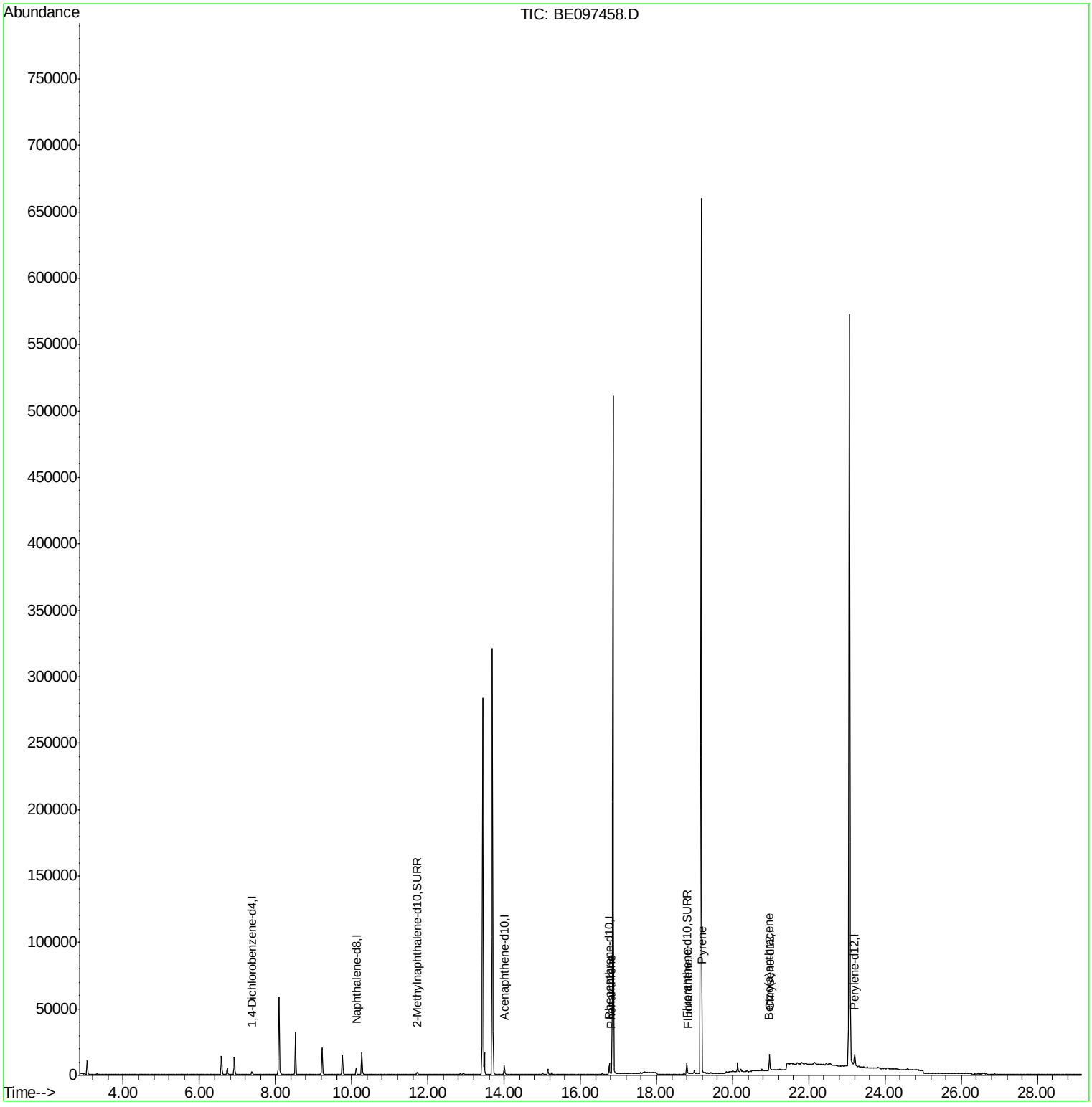
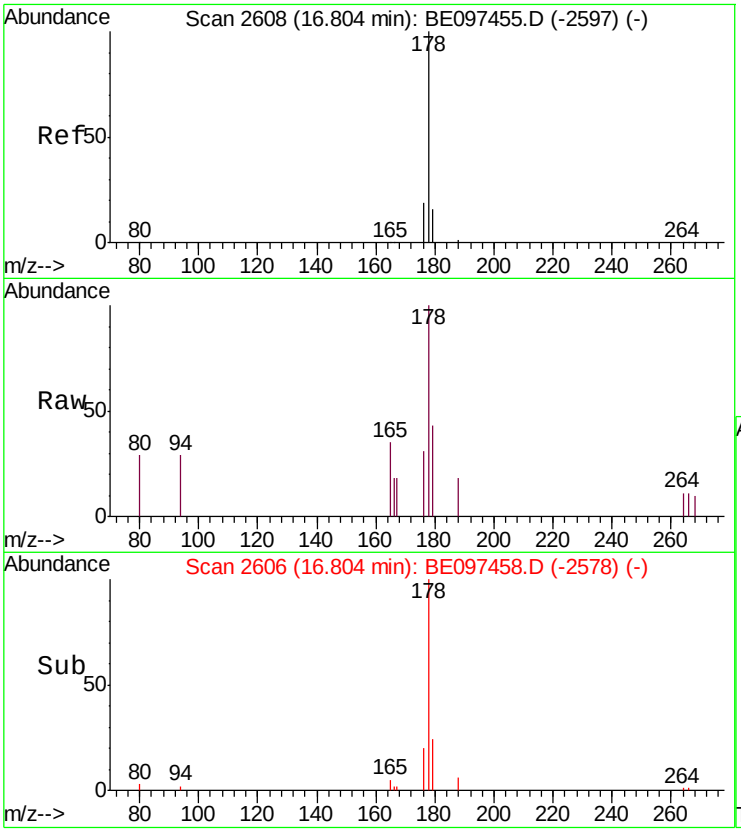




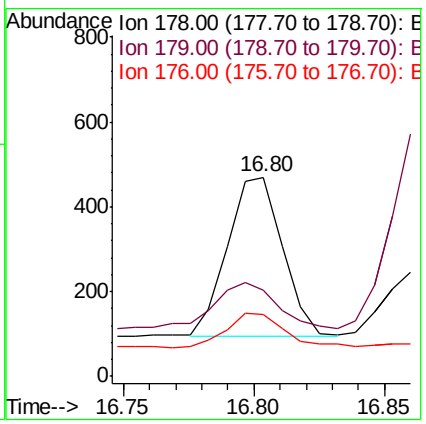
#12
Phenanthrene
Concen: 0.022 ng/ul m
RT: 16.80 min Scan# 2606
Delta R.T. -0.00 min
Lab File: BE097458.D
Acq: 12 Sep 2018 19:39

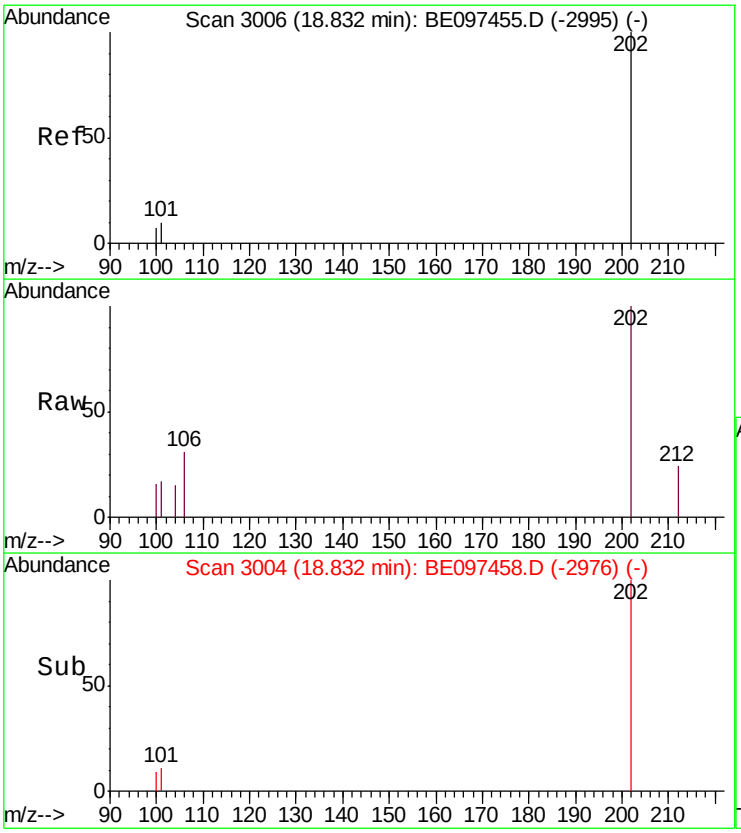
Tgt Ion:178 Resp: 554

Ion	Ratio	Lower	Upper
178	100		
179	43.1	18.4	27.6#
176	30.9	13.6	20.4#

Instrument :
BNA_E
ClientSampleId :
A3Z36

Manual Integrations APPROVED
Sohil
9/13/2018 5:42:23 PM

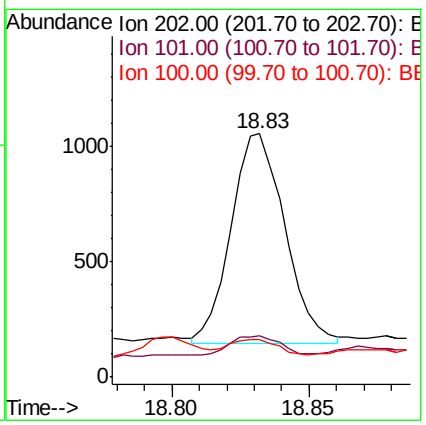


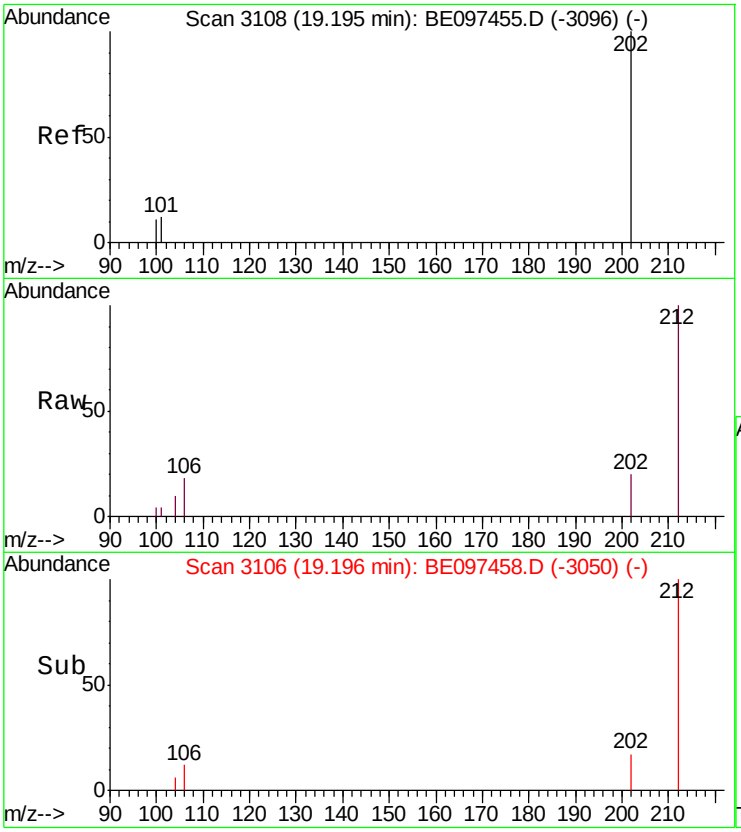


#15
Fluoranthene
Concen: 0.038 ng/ul m
RT: 18.83 min Scan# 3004
Delta R.T. 0.00 min
Lab File: BE097458.D
Acq: 12 Sep 2018 19:39

Tgt Ion:202 Resp: 1234

Ion	Ratio	Lower	Upper
202	100		
101	17.2	0.0	30.3
100	15.5	0.0	39.5





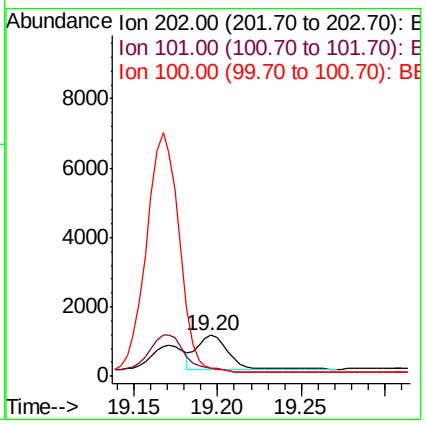
#17
Pyrene
Concen: 0.043 ng/ul
RT: 19.20 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BE097458.D
Acq: 12 Sep 2018 19:39

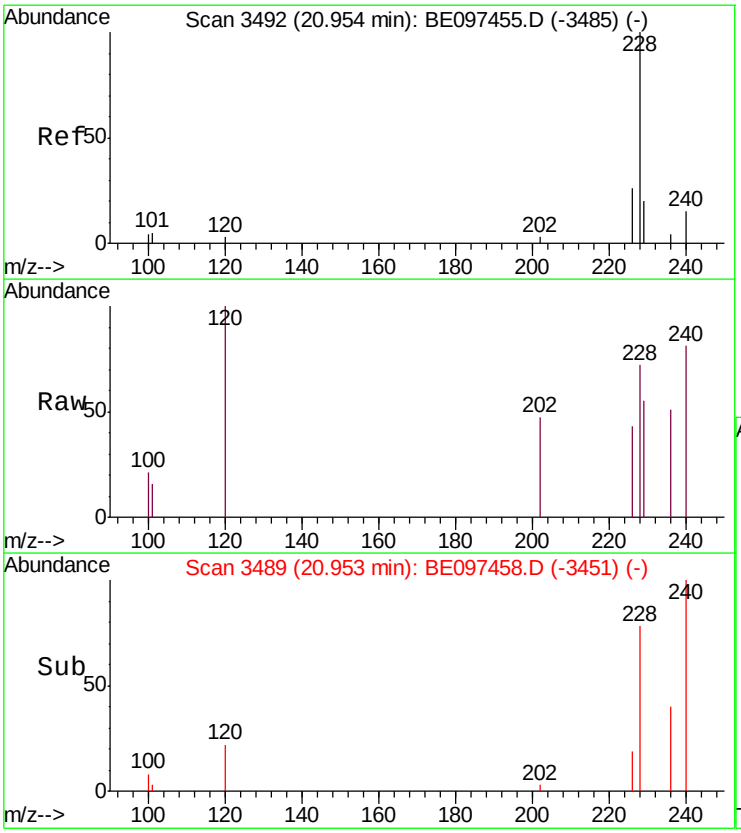
Tgt Ion:202 Resp: 1269

Ion	Ratio	Lower	Upper
202	100		
101	21.1	18.2	27.4
100	20.5	15.6	23.4

Instrument :
BNA_E
ClientSampleId :
A3Z36

Manual Integrations APPROVED
Sohil
9/13/2018 5:42:23 PM





#18
Benzo(a)anthracene
Concen: 0.022 ng/ul m
RT: 20.95 min Scan# 3489
Delta R.T. -0.00 min
Lab File: BE097458.D
Acq: 12 Sep 2018 19:39

Tgt Ion:228 Resp: 628

Ion	Ratio	Lower	Upper
228	100		
229	77.1	22.8	34.2#
226	59.4	17.0	25.6#