Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
Data File : BE093572.D
Acq On : 25 Jul 2017 11:54
Operator : SJ/JU
Sample : I4213-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B43

Manual Integrations APPROVED
Sohil
7/25/2017 5:34:21 PM

Quant Time: Jul 25 13:10:30 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 06:10:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2226	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	11976	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	8184	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	20633m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	23203	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	18945m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	6118	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	22077	0.34	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.76	128	879	0.030	ng/ul#	84
15) Fluoranthene	19.30	202	2518	0.036	ng/ul	91
17) Pyrene	19.67	202	2228	0.033	ng/ul	93
19) Chrysene	21.45	228	1560	0.024	ng/ul#	89
21) Benzo(b)fluoranthene	23.14	252	2444	0.042	ng/ul#	53
23) Benzo(a)pyrene	23.81	252	1484m	0.027	ng/ul	

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

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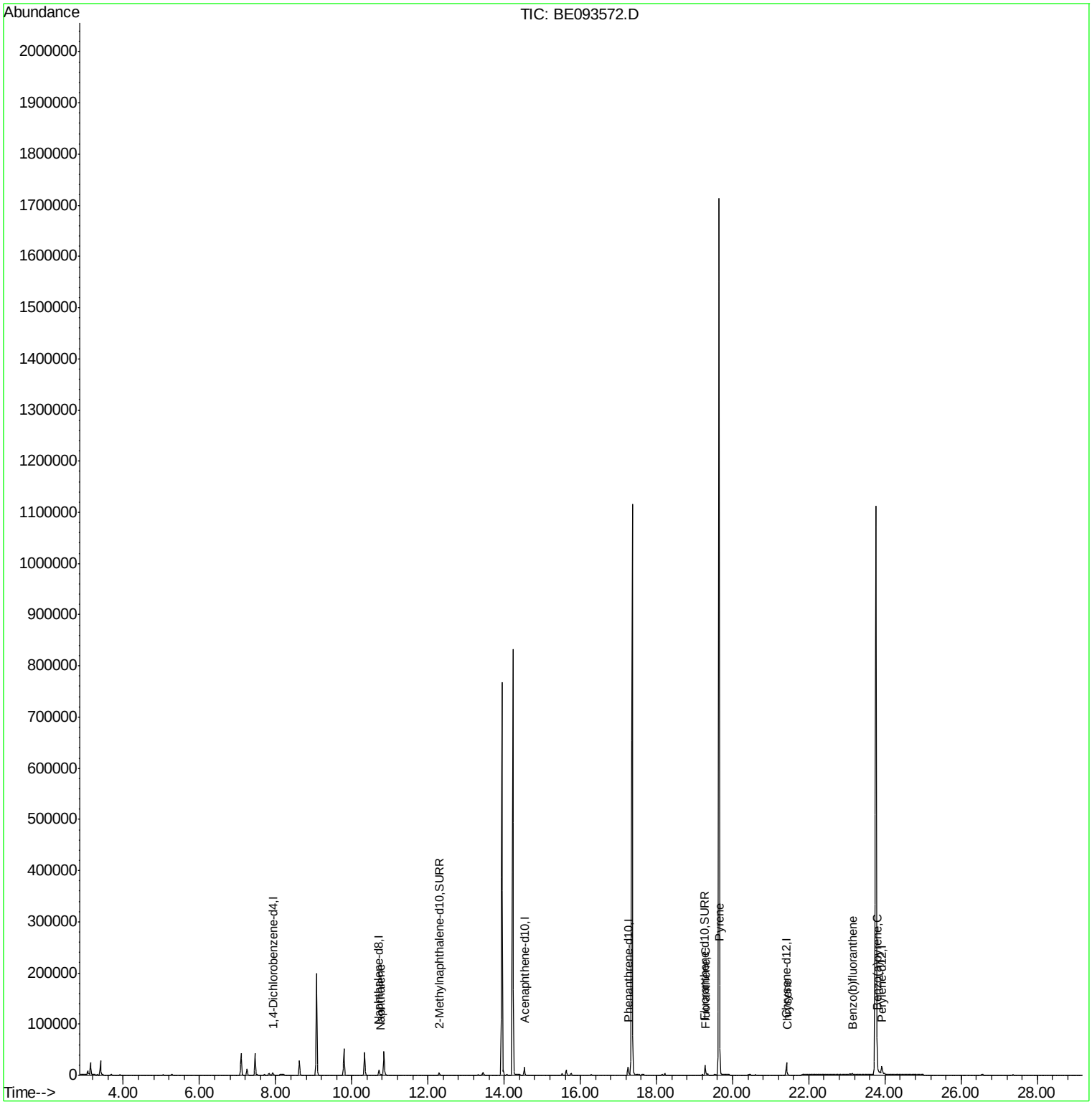

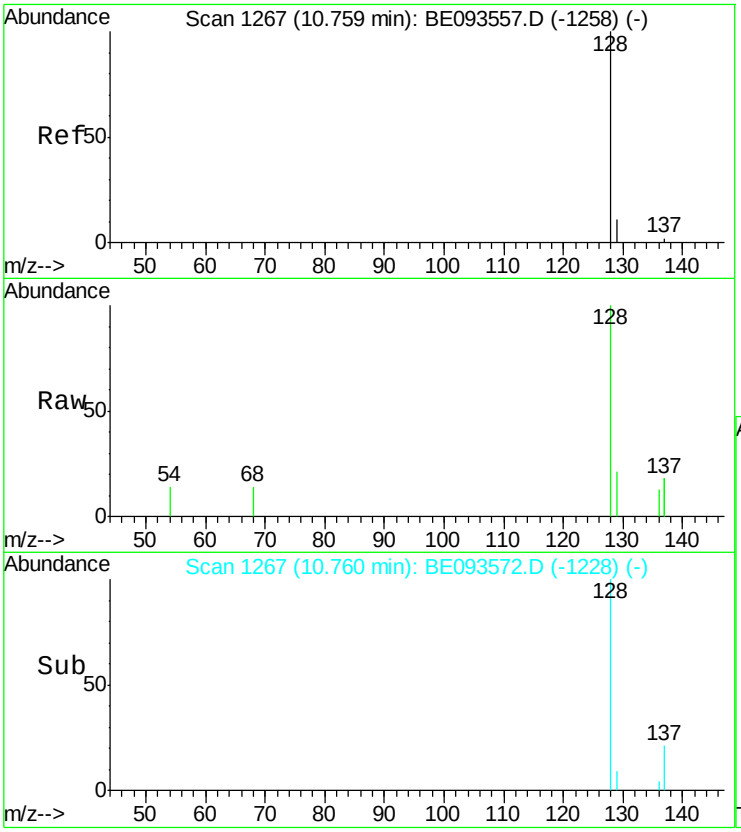

#3
Naphthalene
Concen: 0.030 ng/ul
RT: 10.76 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BE093572.D
Acq: 25 Jul 2017 11:54

Tgt Ion:128 Resp: 879

Ion	Ratio	Lower	Upper
128	100		
129	20.8	11.3	16.9#
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0B43

Manual Integrations APPROVED
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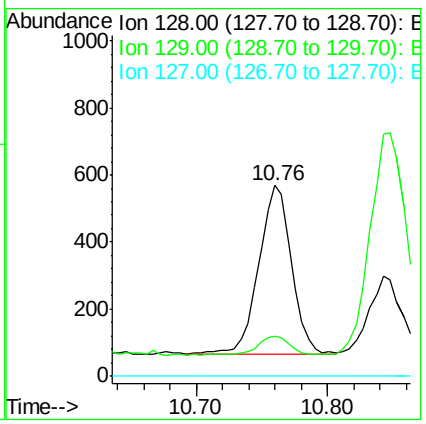
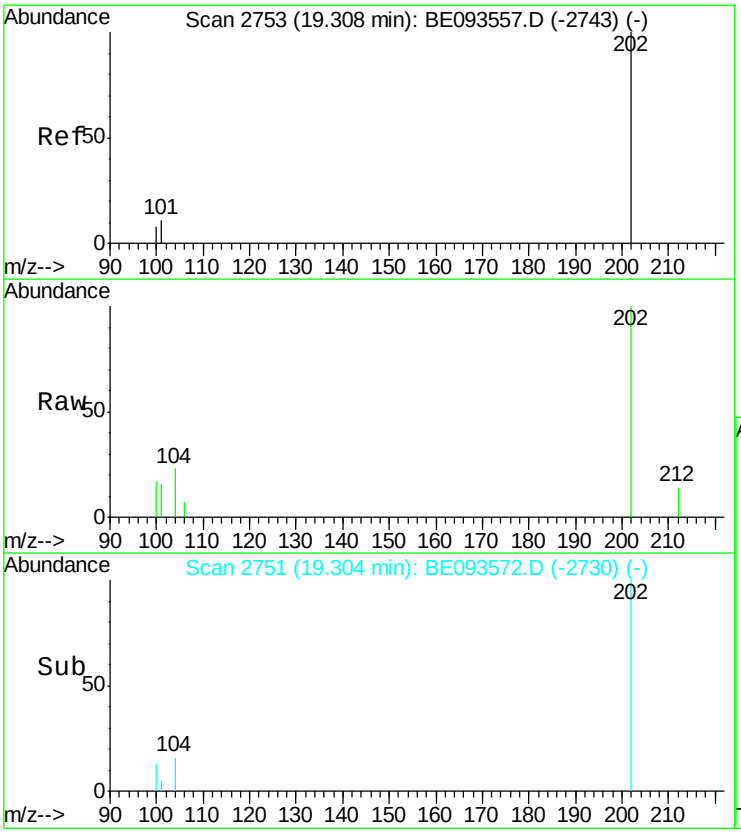
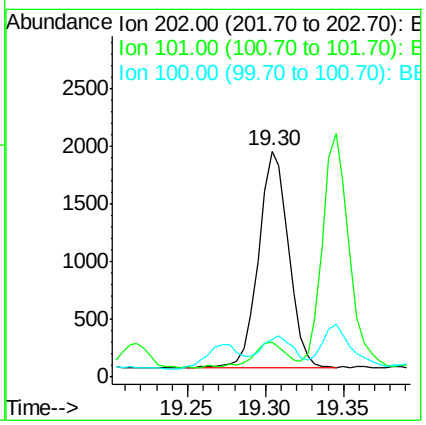


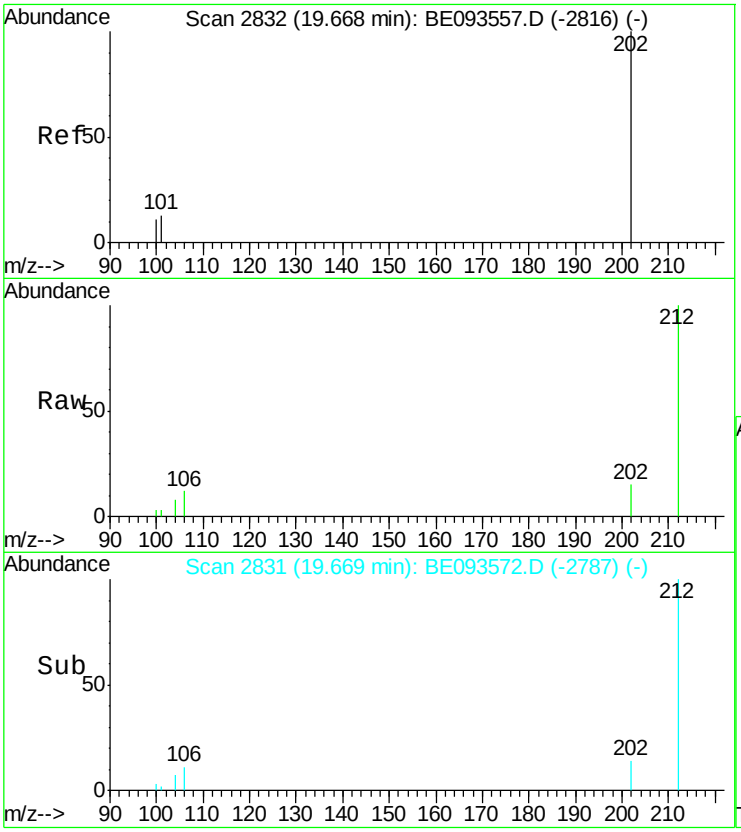


#15
Fluoranthene
Concen: 0.036 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BE093572.D
Acq: 25 Jul 2017 11:54

Tgt Ion:202 Resp: 2518

Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	30.3
100	16.8	0.0	39.5

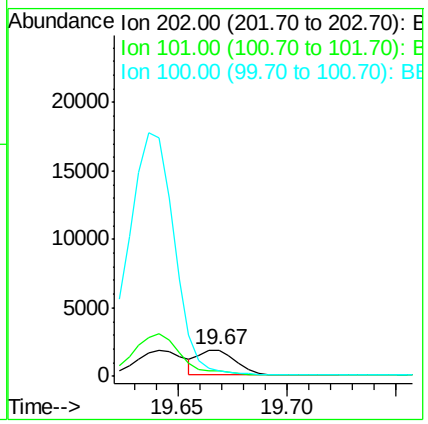




#17
Pyrene
Concen: 0.033 ng/ul
RT: 19.67 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BE093572.D
Acq: 25 Jul 2017 11:54

Tgt Ion:202 Resp: 2228

Ion	Ratio	Lower	Upper
202	100		
101	18.6	18.2	27.4
100	21.9	15.6	23.4



Instrument :
BNA_E
ClientSampleId :
C0B43

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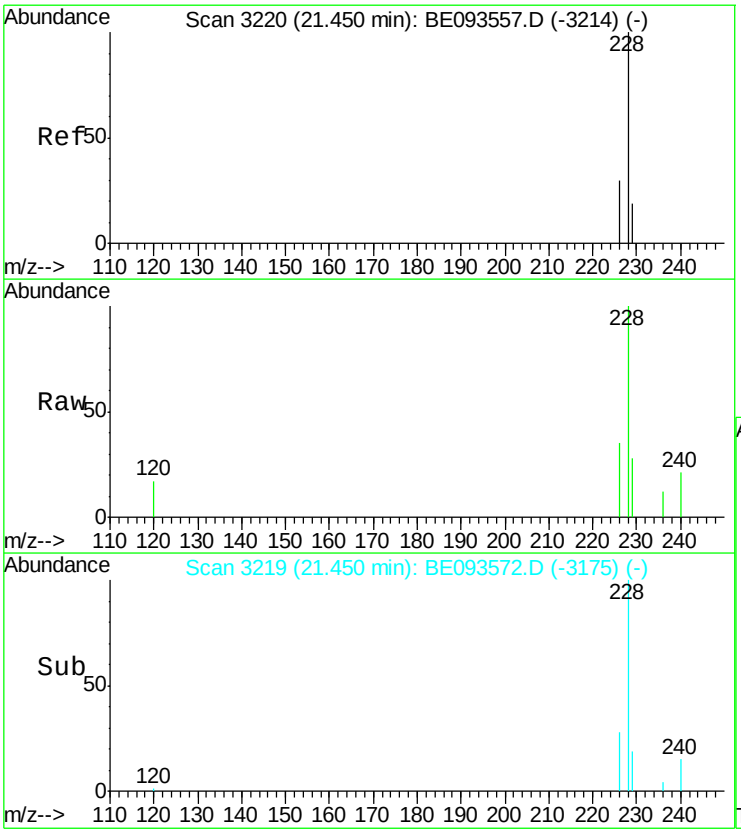
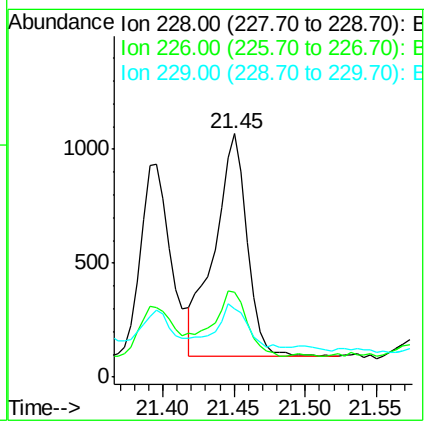
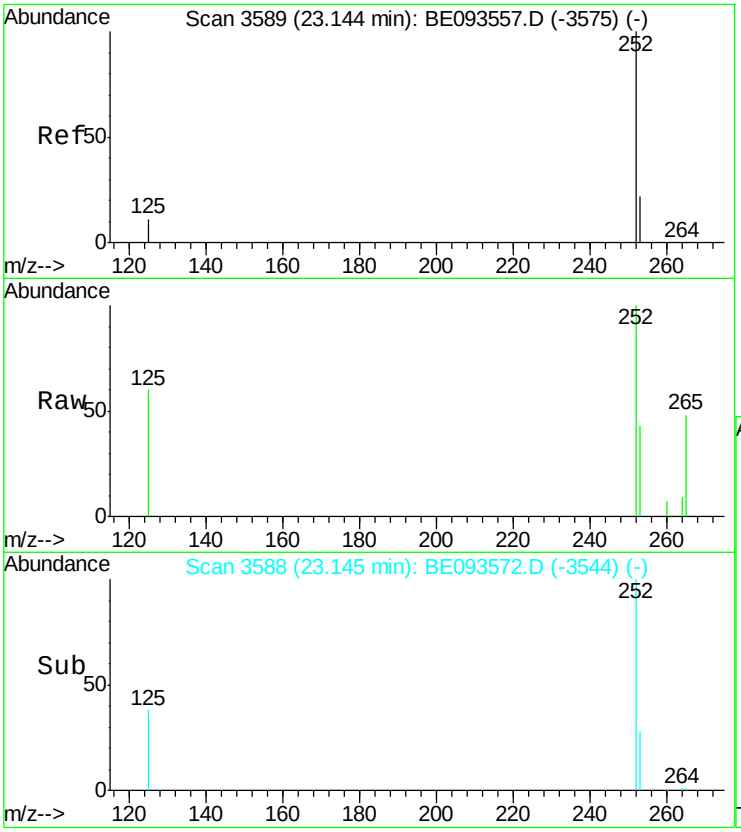


#19
Chrysene
Concen: 0.024 ng/ul
RT: 21.45 min Scan# 3219
Delta R.T. 0.00 min
Lab File: BE093572.D
Acq: 25 Jul 2017 11:54

Tgt Ion:228 Resp: 1560

Ion	Ratio	Lower	Upper
228	100		
226	35.1	23.4	35.0#
229	27.9	17.7	26.5#

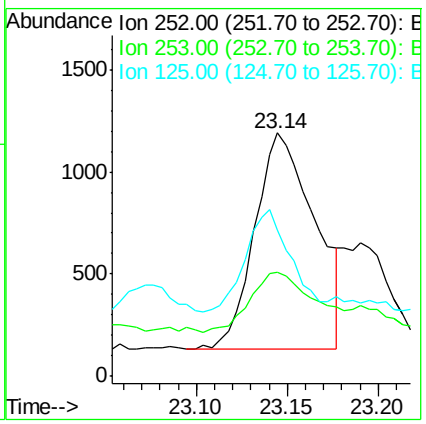




#21
Benzo(b)fluoranthene
Concen: 0.042 ng/ul
RT: 23.14 min Scan# 3588
Delta R.T. 0.00 min
Lab File: BE093572.D
Acq: 25 Jul 2017 11:54

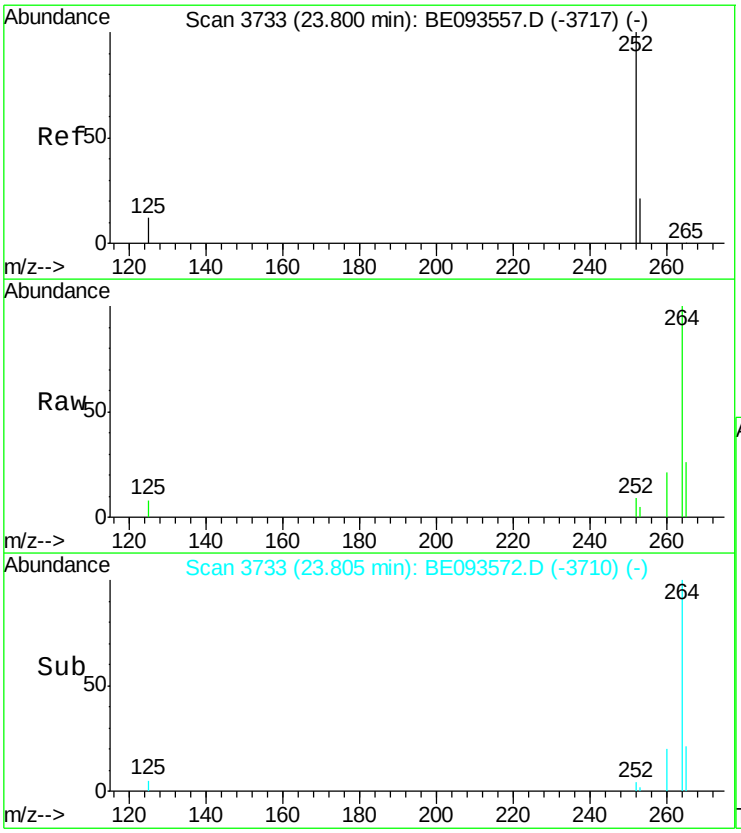
Tgt Ion:252 Resp: 2444

Ion	Ratio	Lower	Upper
252	100		
253	42.7	0.0	64.2
125	60.0	0.0	35.0#



Instrument :
BNA_E
ClientSampleId :
C0B43

Manual Integrations APPROVED
Sohil
7/25/2017 5:34:21 PM



#23
Benzo(a)pyrene
Concen: 0.027 ng/ul m
RT: 23.81 min Scan# 3733
Delta R.T. 0.01 min
Lab File: BE093572.D
Acq: 25 Jul 2017 11:54

Tgt Ion:252 Resp: 1484

Ion	Ratio	Lower	Upper
252	100		
253	51.0	28.5	42.7#
125	91.6	18.1	27.1#