Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
Data File : BE093563.D
Acq On : 25 Jul 2017 6:20
Operator : SJ/JU
Sample : I4213-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B39

Manual Integrations APPROVED
Sohil
7/25/2017 5:34:04 PM

Quant Time: Jul 25 08:16:06 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	7.92	152	3350	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	18062	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	12314	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	30025m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	34285	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	29806m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	9107	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	31967	0.34	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.76	128	5263	0.120	ng/ul#	94
5) 2-Methylnaphthalene	12.37	142	979	0.031	ng/ul	98
12) Phenanthrene	17.29	178	2398	0.029	ng/ul#	91
15) Fluoranthene	19.31	202	3657	0.036	ng/ul	86
18) Benzo(a)anthracene	21.39	228	2132	0.021	ng/ul#	87
19) Chrysene	21.45	228	2134	0.022	ng/ul#	84

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

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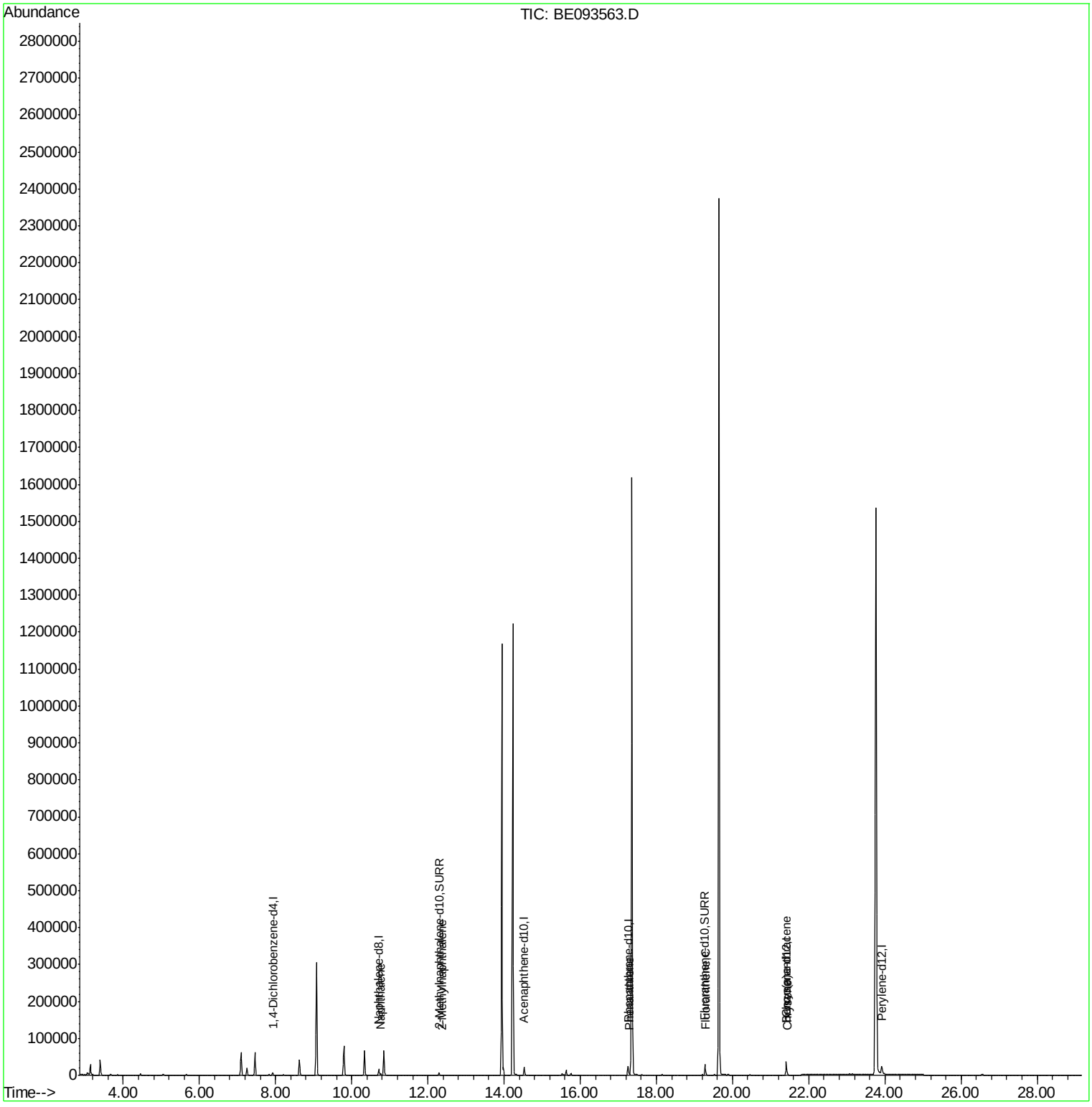
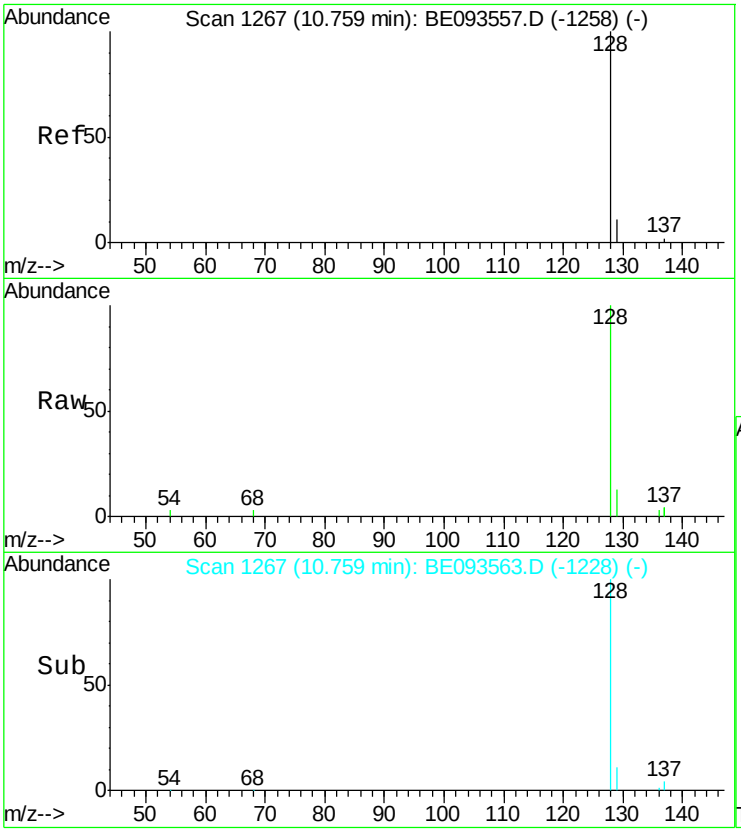




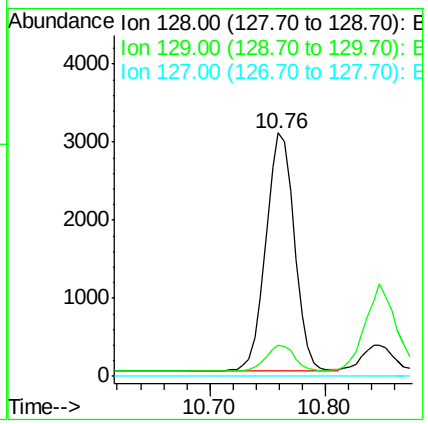
#3
Naphthalene
Concen: 0.120 ng/ul
RT: 10.76 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BE093563.D
Acq: 25 Jul 2017 6:20

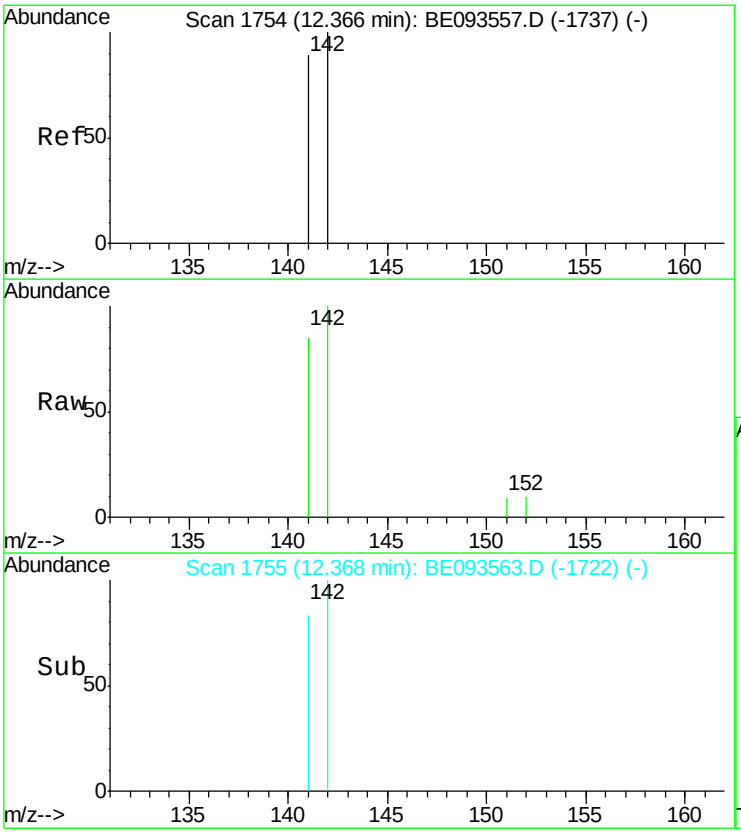
Tgt Ion:128 Resp: 5263

Ion	Ratio	Lower	Upper
128	100		
129	12.8	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0B39

Manual Integrations APPROVED
Sohil
7/25/2017 5:34:04 PM

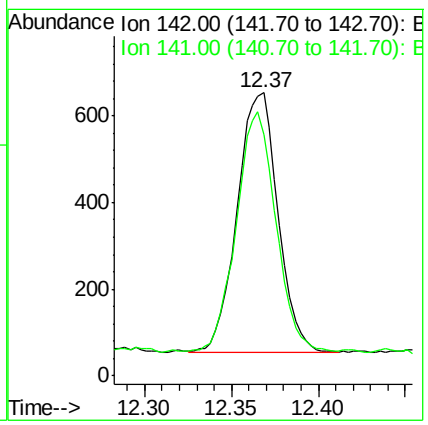


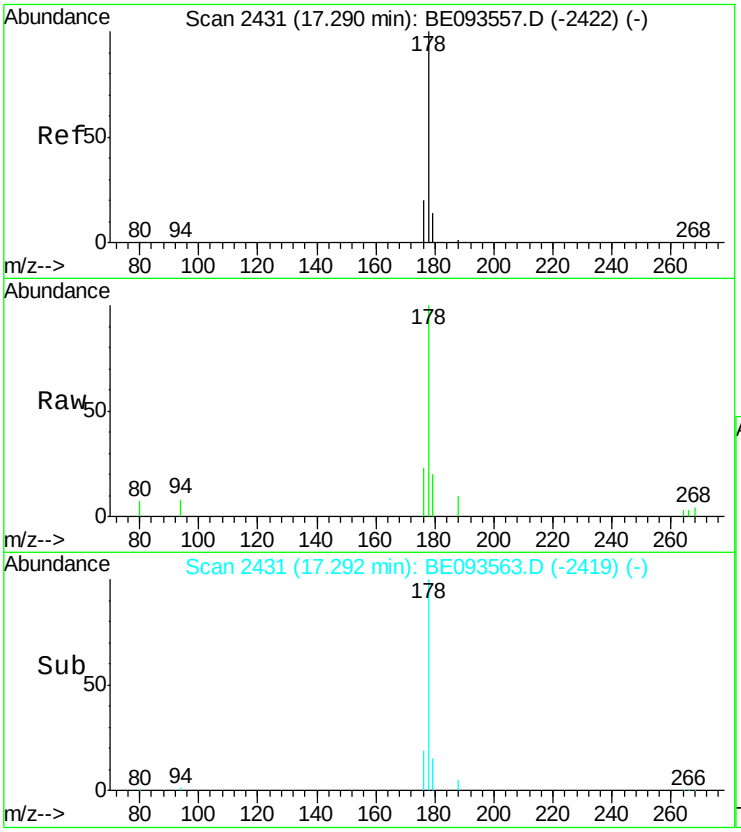


#5
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.37 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BE093563.D
Acq: 25 Jul 2017 6:20

Tgt Ion:142 Resp: 979

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.6	108.8

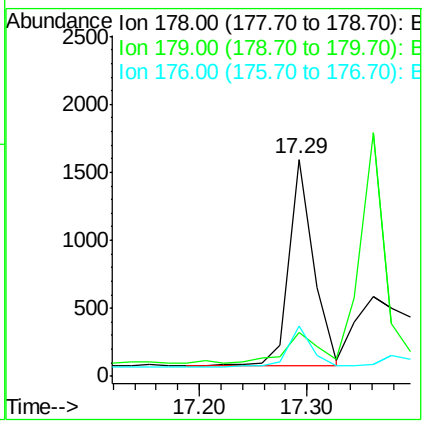




#12
Phenanthrene
Concen: 0.029 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BE093563.D
Acq: 25 Jul 2017 6:20

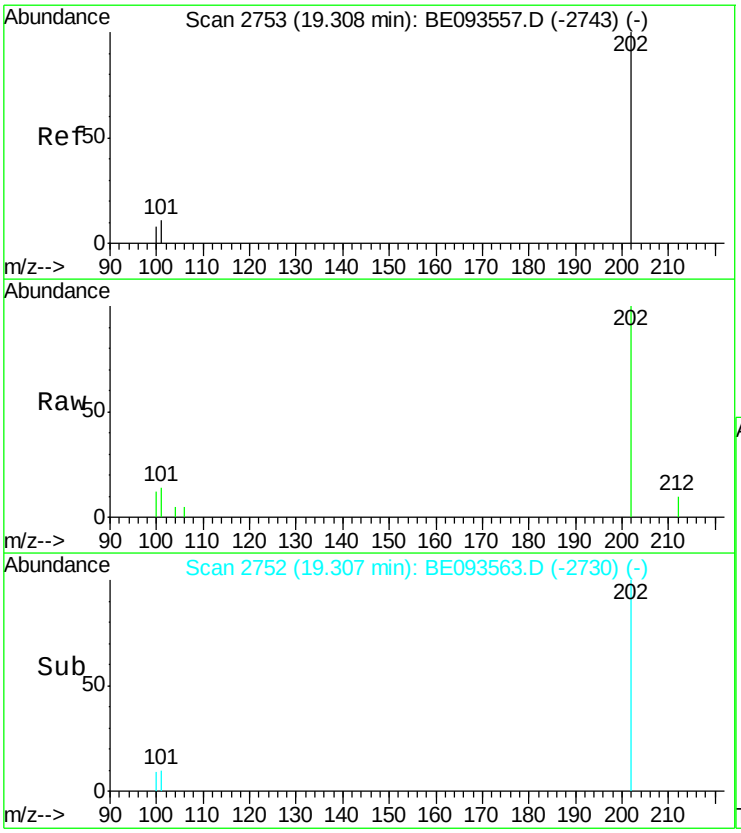
Tgt Ion:178 Resp: 2398

Ion	Ratio	Lower	Upper
178	100		
179	20.1	18.4	27.6
176	22.9	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
C0B39

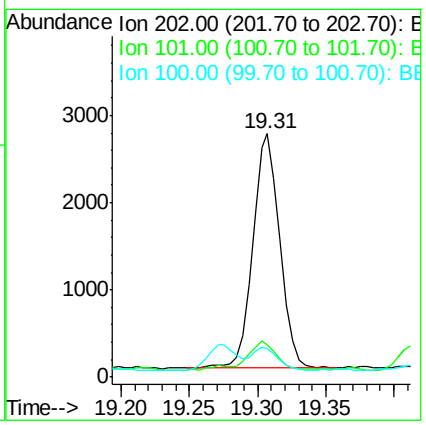
Manual Integrations APPROVED
Sohil
7/25/2017 5:34:04 PM

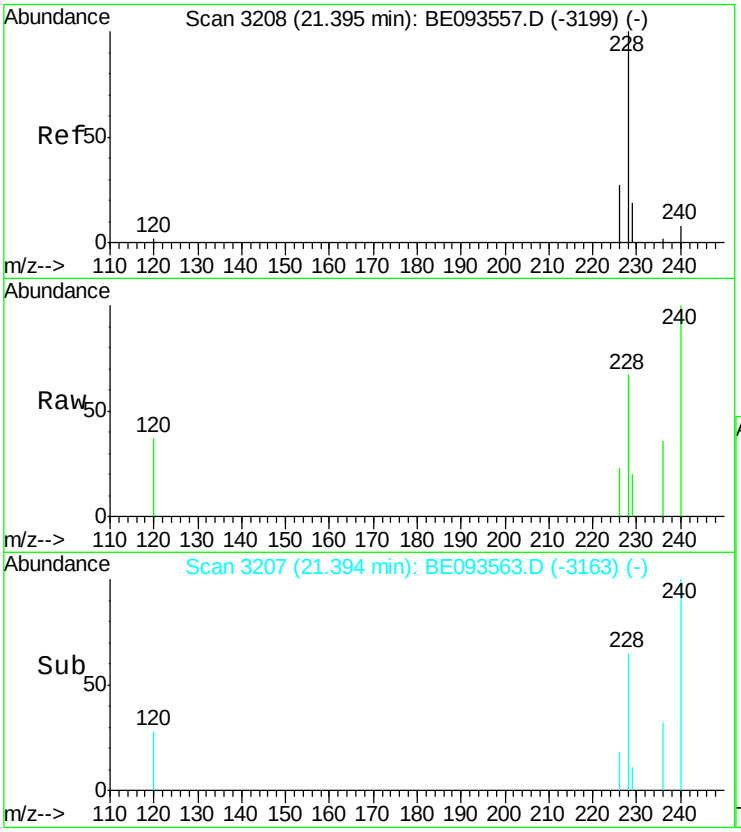


#15
Fluoranthene
Concen: 0.036 ng/ul
RT: 19.31 min Scan# 2752
Delta R.T. -0.00 min
Lab File: BE093563.D
Acq: 25 Jul 2017 6:20

Tgt Ion:202 Resp: 3657

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	30.3
100	11.6	0.0	39.5





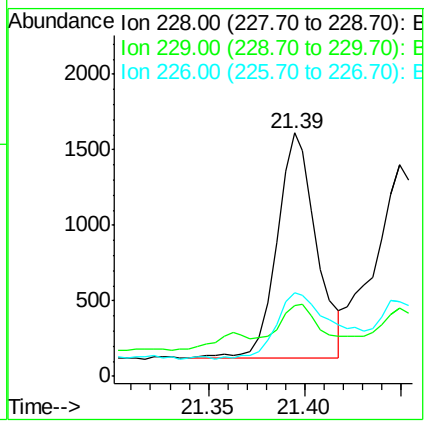
#18
Benzo(a)anthracene
Concen: 0.021 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BE093563.D
Acq: 25 Jul 2017 6:20

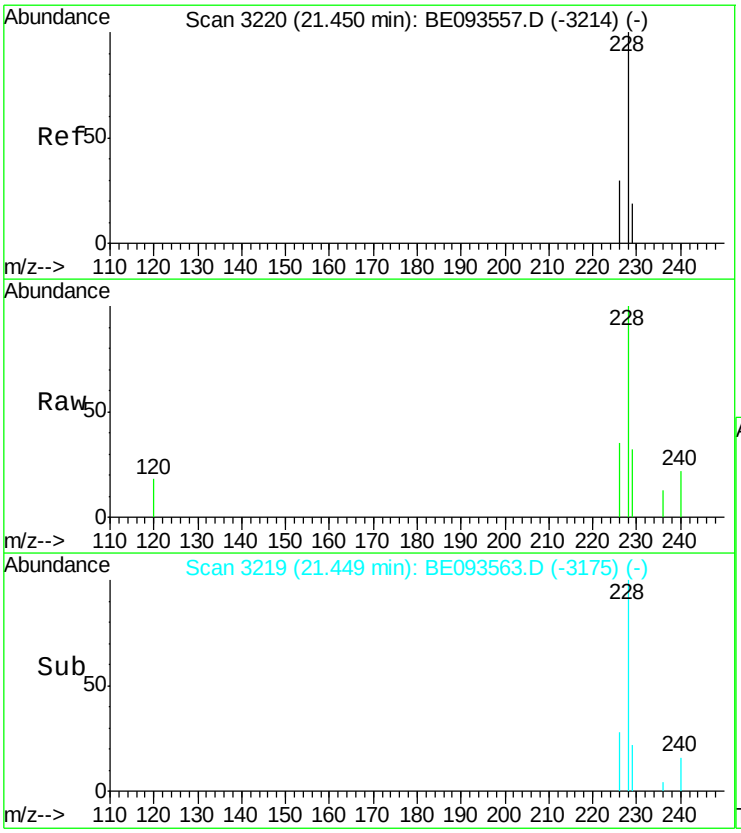
Tgt Ion:228 Resp: 2132

Ion	Ratio	Lower	Upper
228	100		
229	29.3	22.8	34.2
226	34.1	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
C0B39

Manual Integrations APPROVED
Sohil
7/25/2017 5:34:04 PM





#19
Chrysene
Concen: 0.022 ng/ul
RT: 21.45 min Scan# 3219
Delta R.T. -0.00 min
Lab File: BE093563.D
Acq: 25 Jul 2017 6:20

Tgt Ion:228 Resp: 2134

Ion	Ratio	Lower	Upper
228	100		
226	35.3	23.4	35.0#
229	32.3	17.7	26.5#