Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093764.D
Acq On : 11 Aug 2017 2:24
Operator : SJ/JU
Sample : I4504-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AE7

Manual Integrations APPROVED
sohil
8/14/2017 7:04:35 PM

Quant Time: Aug 11 18:53:46 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3485	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	18359	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	11783	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	24005	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	25024	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	21641m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	6093	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	16167	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	34984	0.783	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	36216	1.112	ng/ul	99
7) Acenaphthylene	14.24	152	1390	0.028	ng/ul#	60
8) Acenaphthene	14.58	153	1997	0.052	ng/ul#	94
9) Fluorene	15.57	166	5711	0.117	ng/ul	91
12) Phenanthrene	17.29	178	2729	0.042	ng/ul#	79

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

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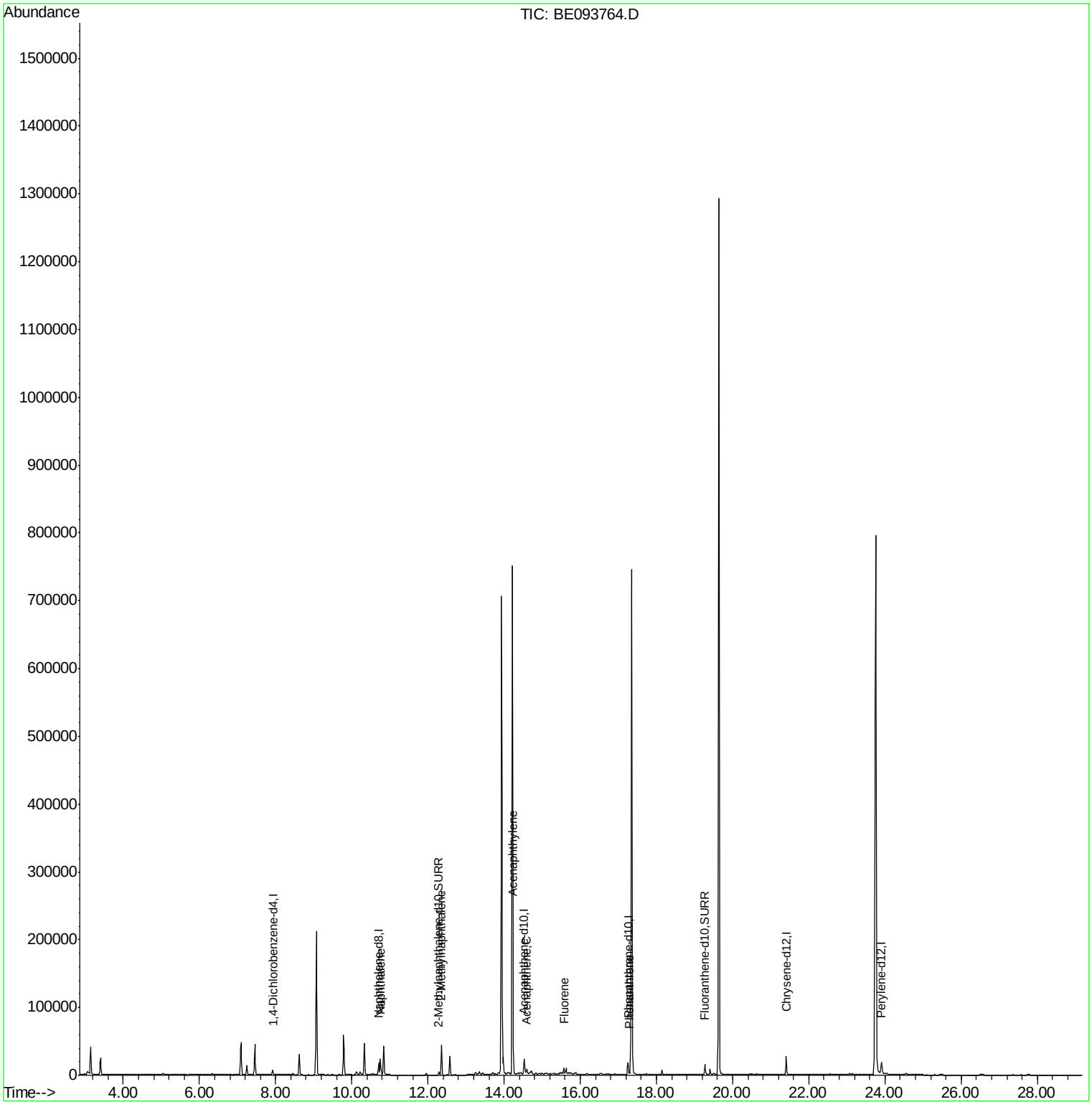
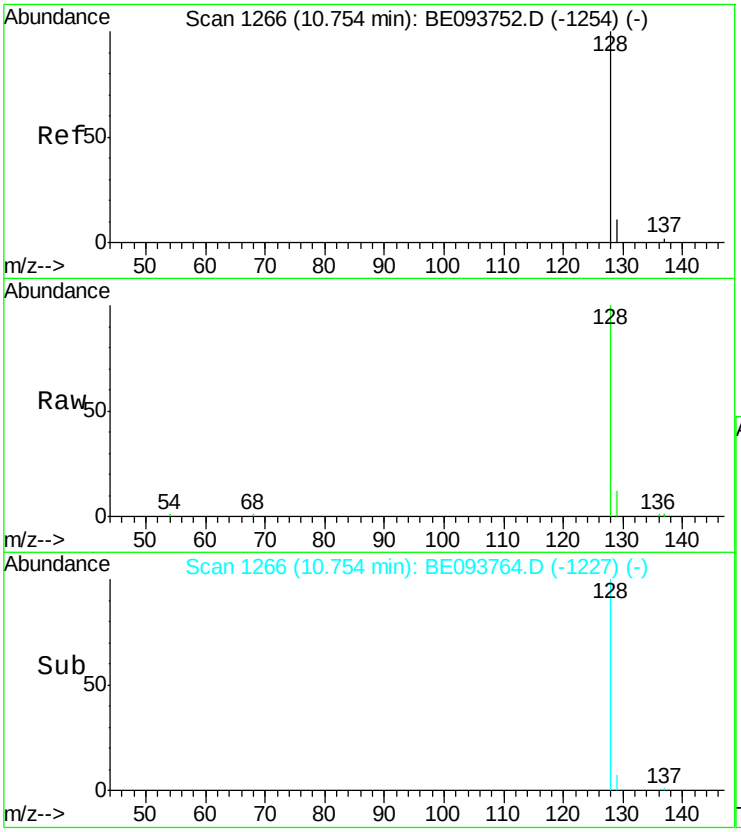
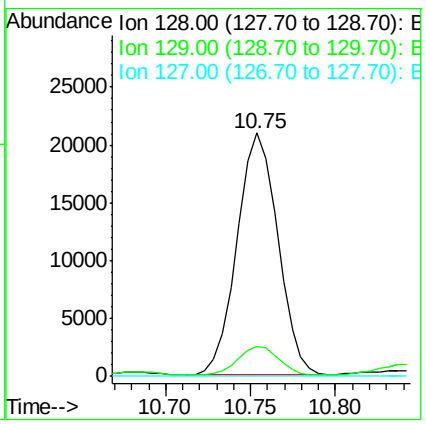




#3
Naphthalene
Concen: 0.783 ng/ul
RT: 10.75 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BE093764.D
Acq: 11 Aug 2017 2:24

Tgt Ion:128 Resp: 34984

Ion	Ratio	Lower	Upper
128	100		
129	12.0	11.3	16.9
127	0.0	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :
C0AE7

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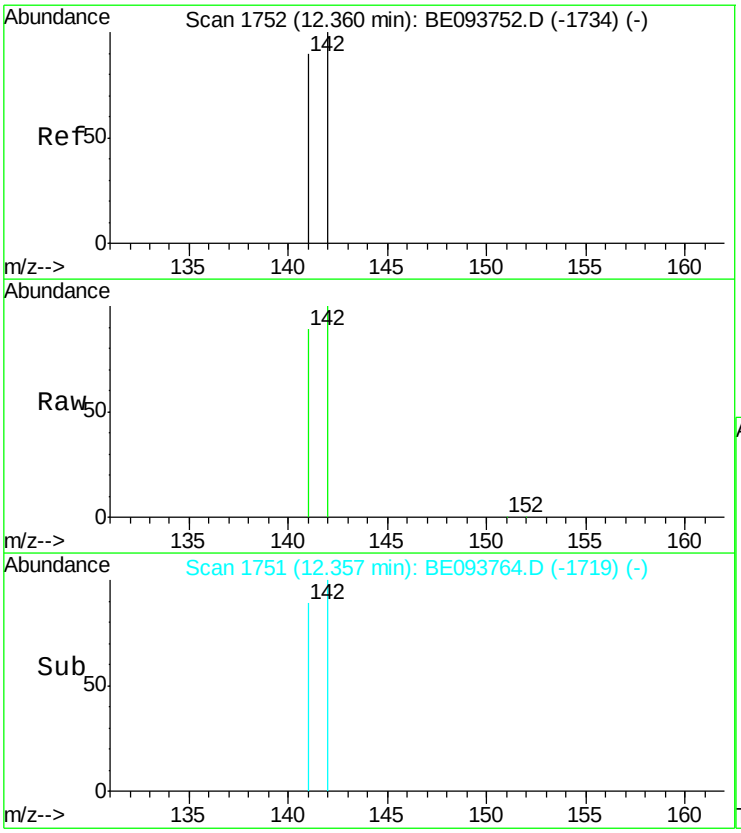
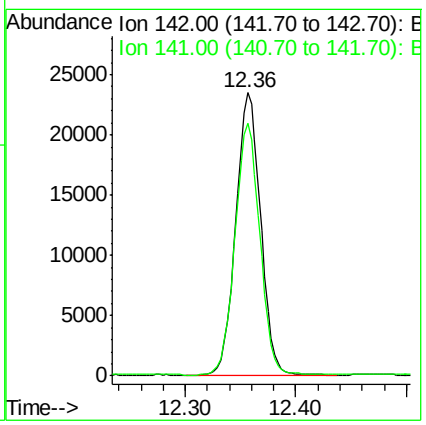
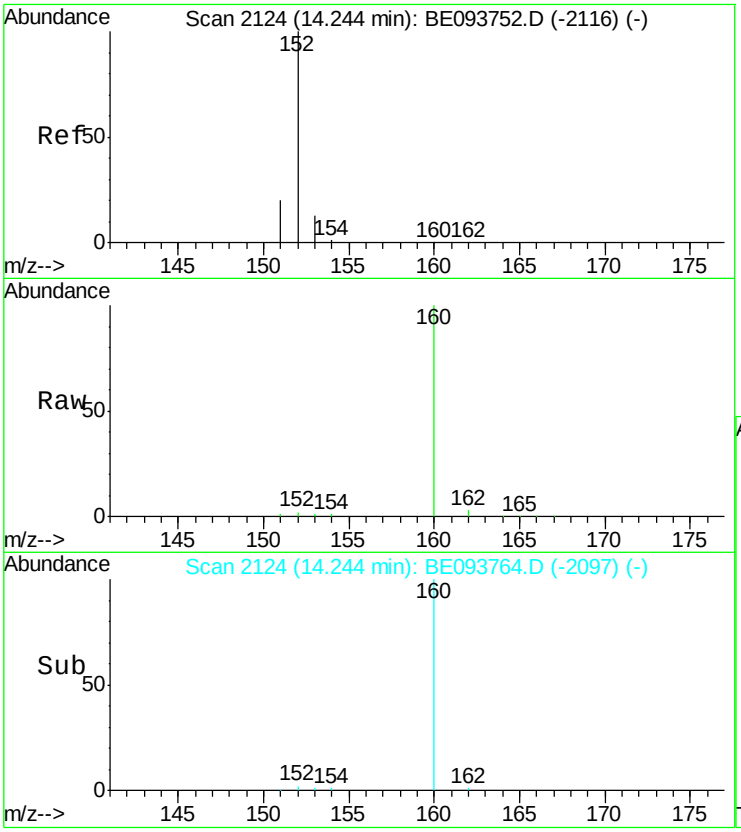


#5
2-Methylnaphthalene
Concen: 1.112 ng/ul
RT: 12.36 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BE093764.D
Acq: 11 Aug 2017 2:24

Tgt Ion:142 Resp: 36216

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.6	108.8





#7
Acenaphthylene
Concen: 0.028 ng/ul
RT: 14.24 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BE093764.D
Acq: 11 Aug 2017 2:24

Tgt Ion:152 Resp: 1390

Ion	Ratio	Lower	Upper
152	100		
151	34.6	17.1	25.7#
153	40.0	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
C0AE7

Manual Integrations APPROVED
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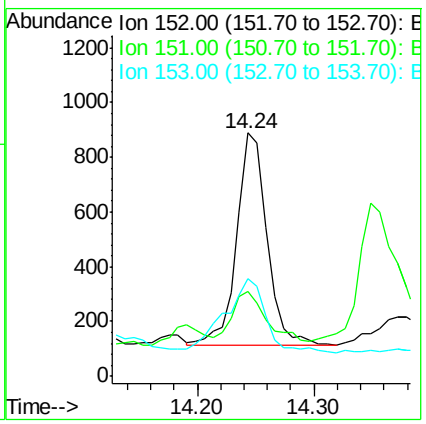
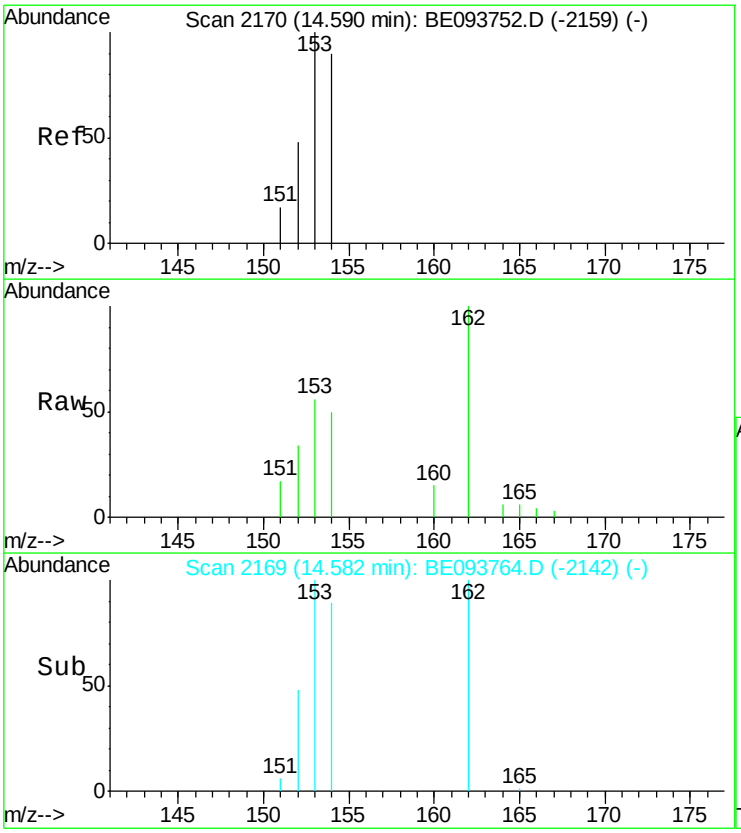
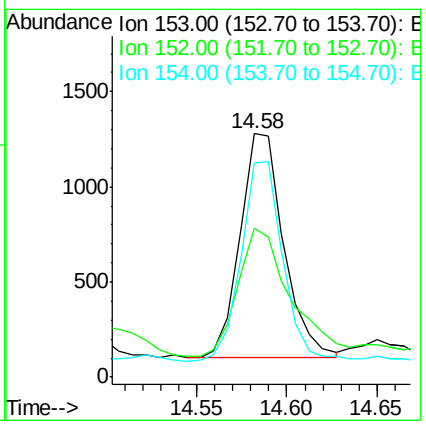


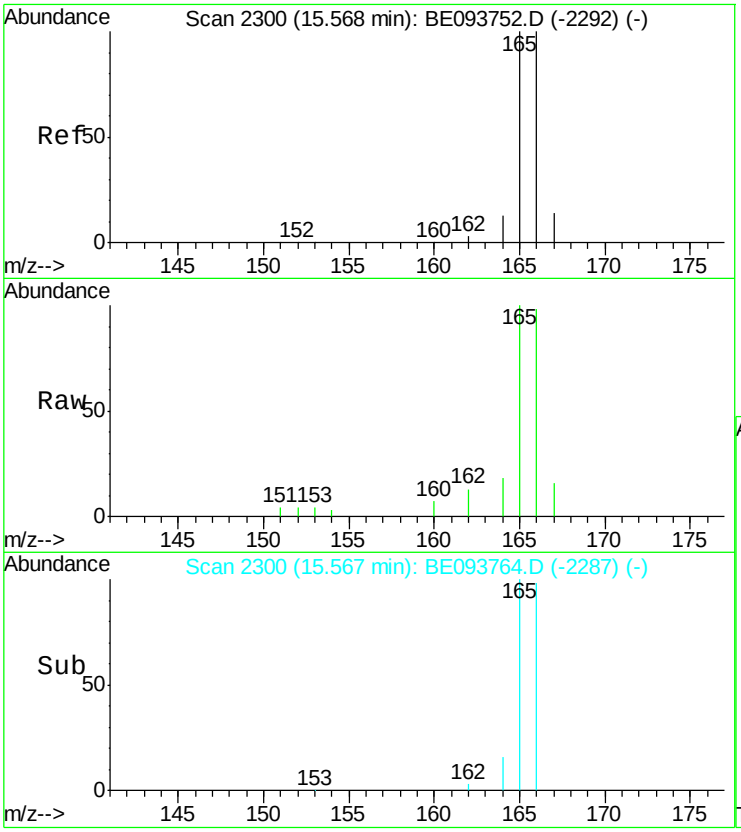


#8
Acenaphthene
Concen: 0.052 ng/ul
RT: 14.58 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BE093764.D
Acq: 11 Aug 2017 2:24

Tgt Ion:153 Resp: 1997

Ion	Ratio	Lower	Upper
153	100		
152	61.1	40.3	60.5#
154	88.2	71.4	107.2

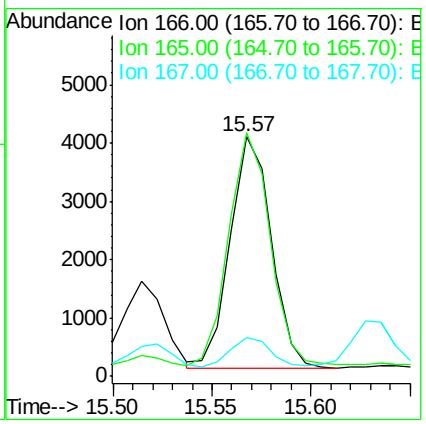




#9
Fluorene
Concen: 0.117 ng/ul
RT: 15.57 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BE093764.D
Acq: 11 Aug 2017 2:24

Tgt Ion:166 Resp: 5711

Ion	Ratio	Lower	Upper
166	100		
165	101.6	73.4	110.2
167	16.4	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
C0AE7

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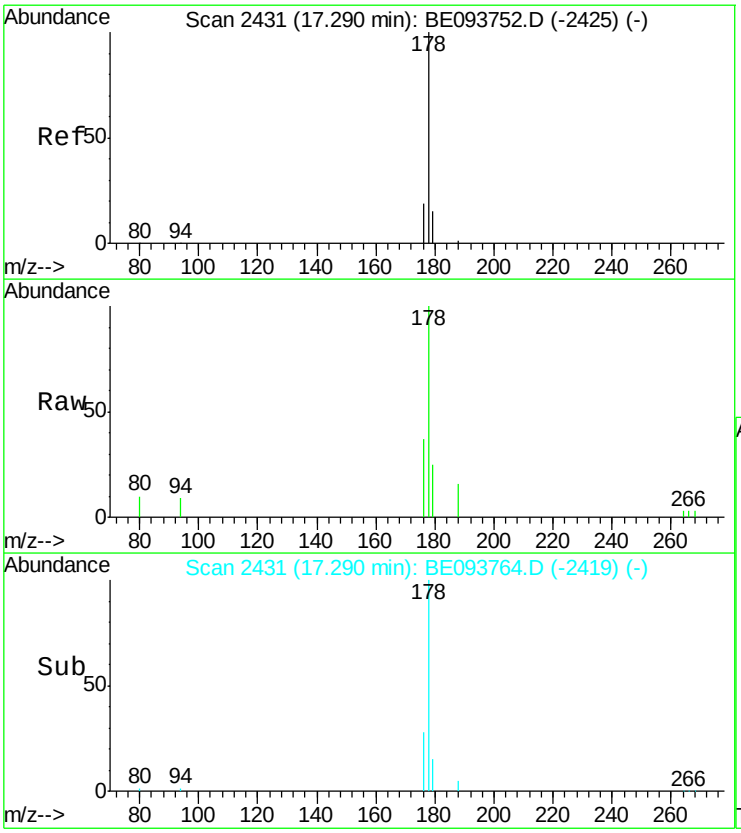

#12
Phenanthrene
Concen: 0.042 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BE093764.D
Acq: 11 Aug 2017 2:24

Tgt Ion:178 Resp: 2729

Ion	Ratio	Lower	Upper
178	100		
179	24.6	18.4	27.6
176	36.7	13.6	20.4#