Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093761.D
Acq On : 11 Aug 2017 00:34
Operator : SJ/JU
Sample : I4529-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA6

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

Quant Time: Aug 11 18:42:19 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	2840	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	14881	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	9289	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	20589	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	20970	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	17819m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3888	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	11297	0.17	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.76	128	1531	0.042	ng/ul#	90
5) 2-Methylnaphthalene	12.36	142	2360	0.089	ng/ul	99
9) Fluorene	15.57	166	2311	0.060	ng/ul	89
12) Phenanthrene	17.29	178	6796	0.121	ng/ul#	92
15) Fluoranthene	19.30	202	4012	0.057	ng/ul	84
17) Pyrene	19.66	202	6857	0.112	ng/ul#	87
18) Benzo(a)anthracene	21.39	228	1900	0.031	ng/ul#	72
19) Chrysene	21.44	228	1877	0.032	ng/ul#	74
23) Benzo(a)pyrene	23.80	252	1405m	0.027	ng/ul	

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

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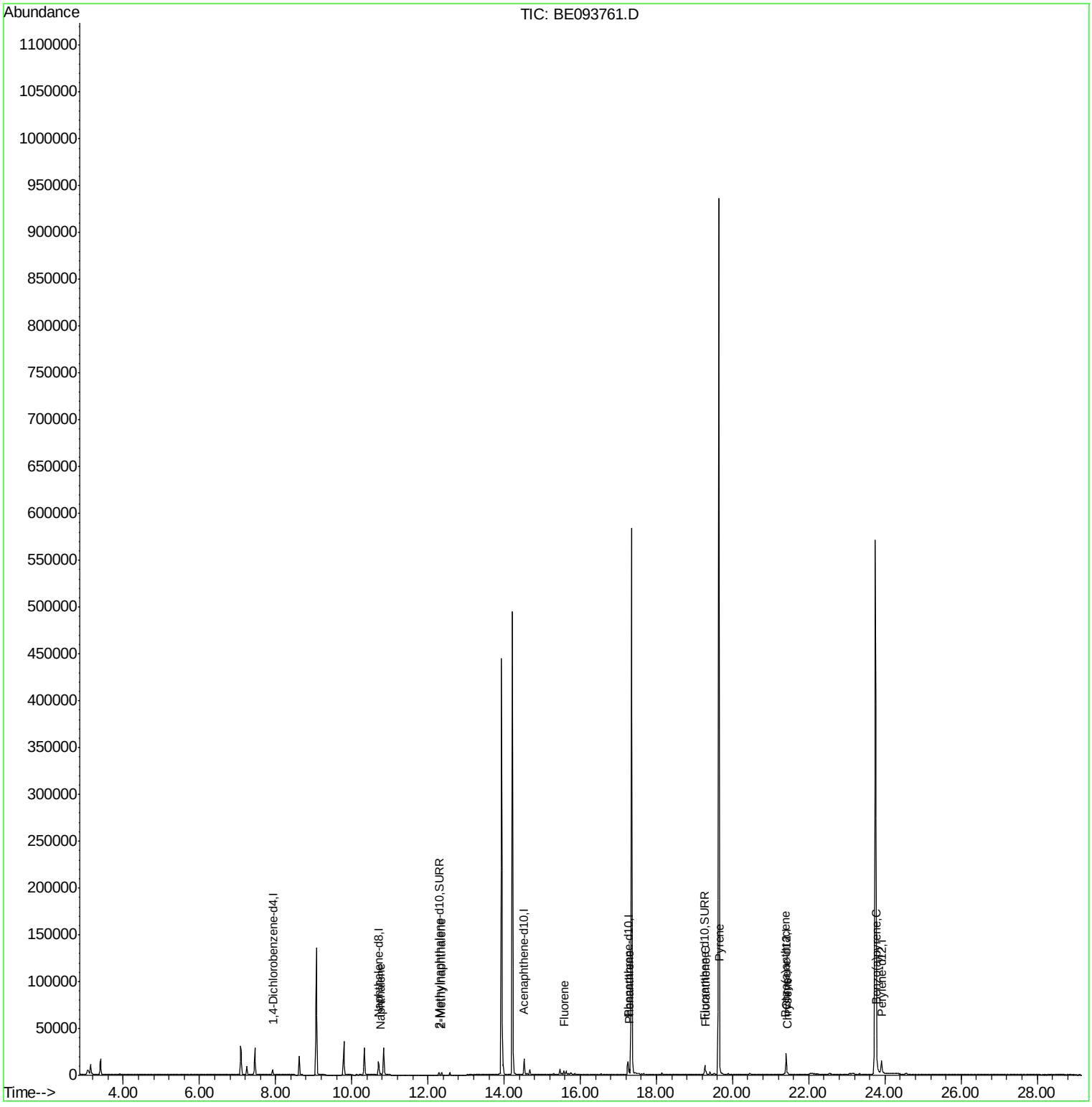

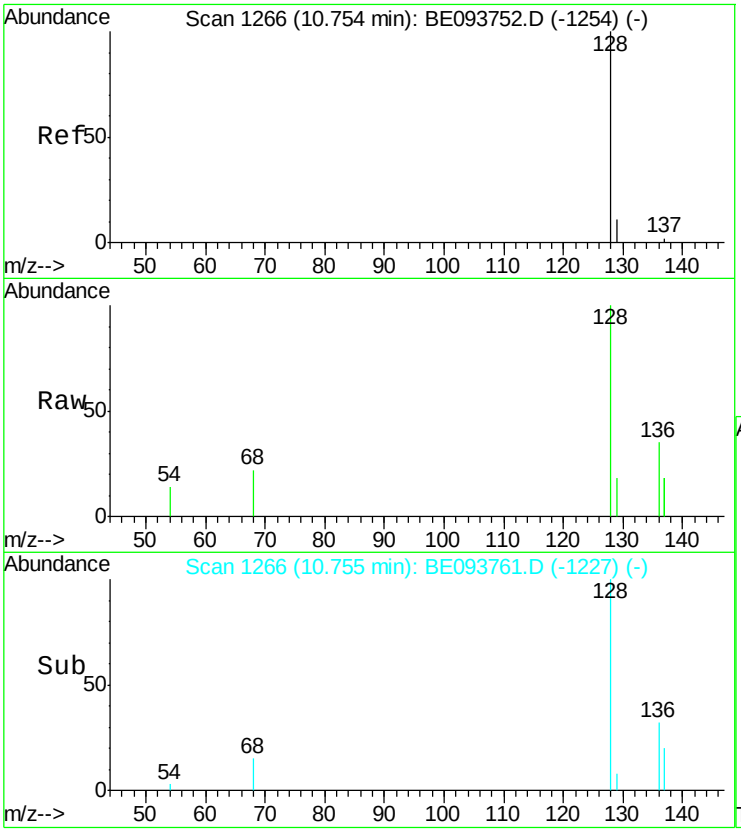

#3
Naphthalene
Concen: 0.042 ng/ul
RT: 10.76 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BE093761.D
Acq: 11 Aug 2017 00:34

Instrument :
BNA_E
ClientSampleId :
C0AA6

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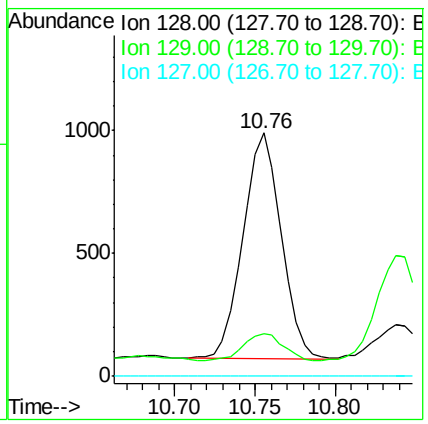
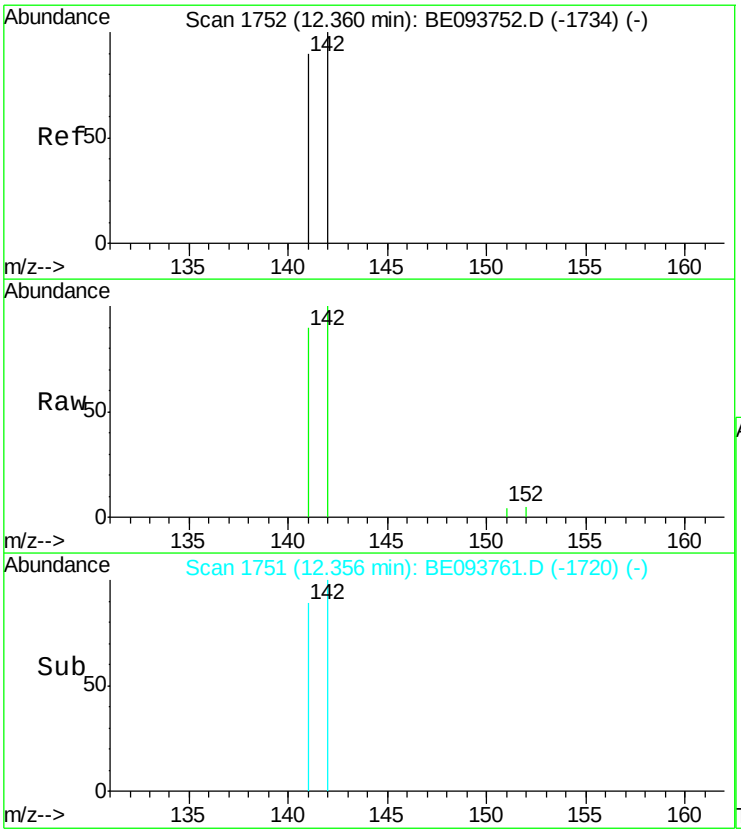
Tgt Ion:128 Resp: 1531

Ion	Ratio	Lower	Upper
128	100		
129	17.7	11.3	16.9#
127	0.0	4.0	6.0#

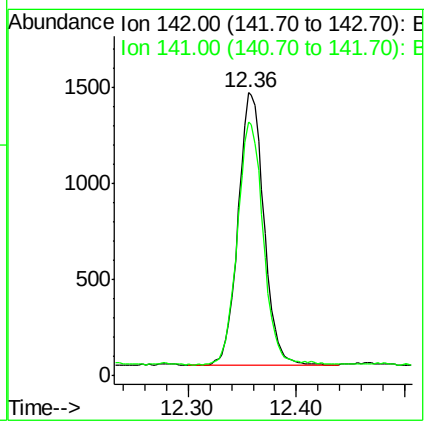


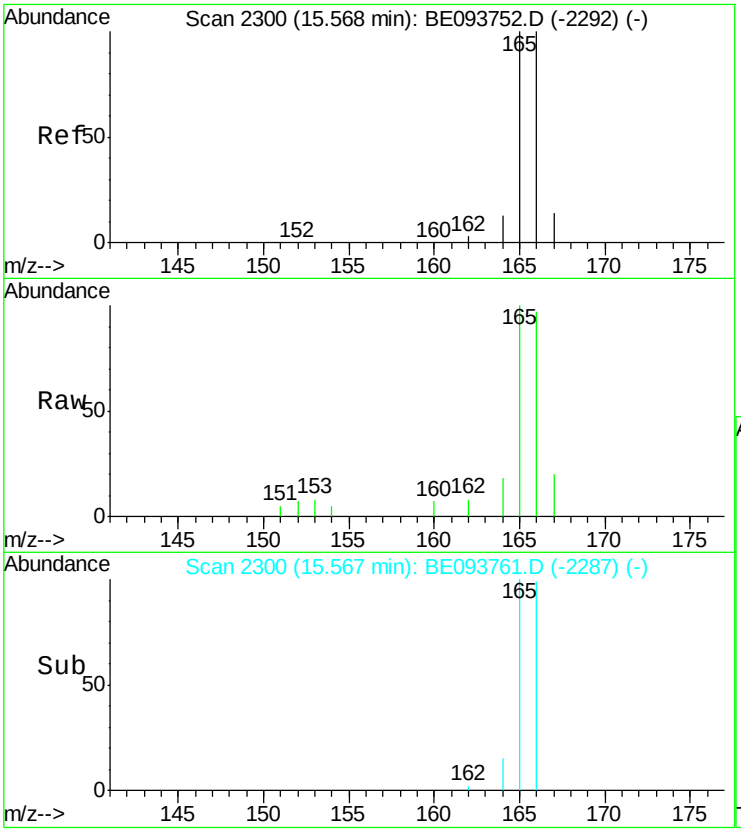


#5
2-Methylnaphthalene
Concen: 0.089 ng/ul
RT: 12.36 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BE093761.D
Acq: 11 Aug 2017 00:34

Tgt Ion:142 Resp: 2360

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.6	108.8

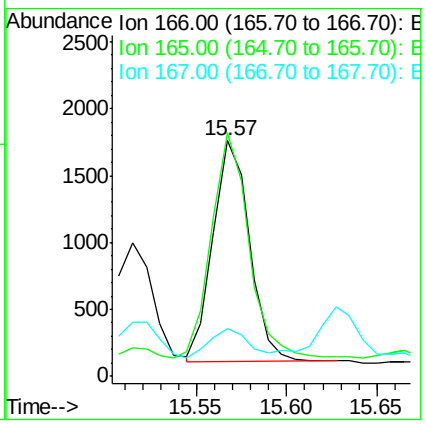




#9
Fluorene
Concen: 0.060 ng/ul
RT: 15.57 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BE093761.D
Acq: 11 Aug 2017 00:34

Tgt Ion:166 Resp: 2311

Ion	Ratio	Lower	Upper
166	100		
165	103.4	73.4	110.2
167	20.5	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
C0AA6

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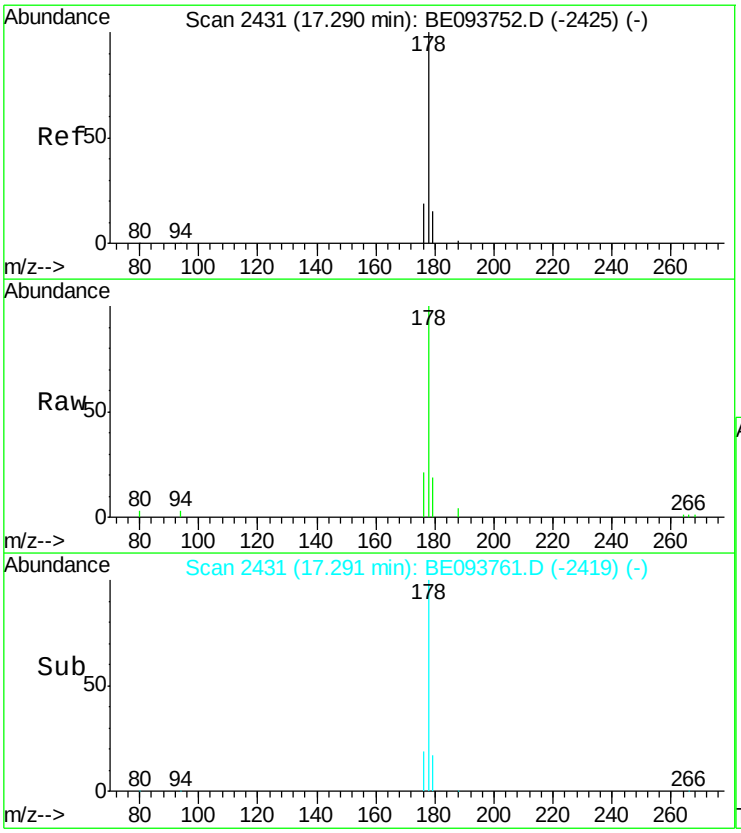
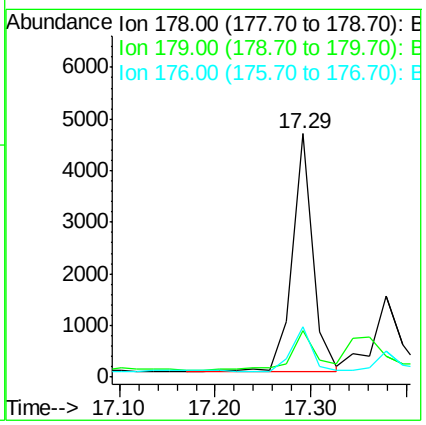
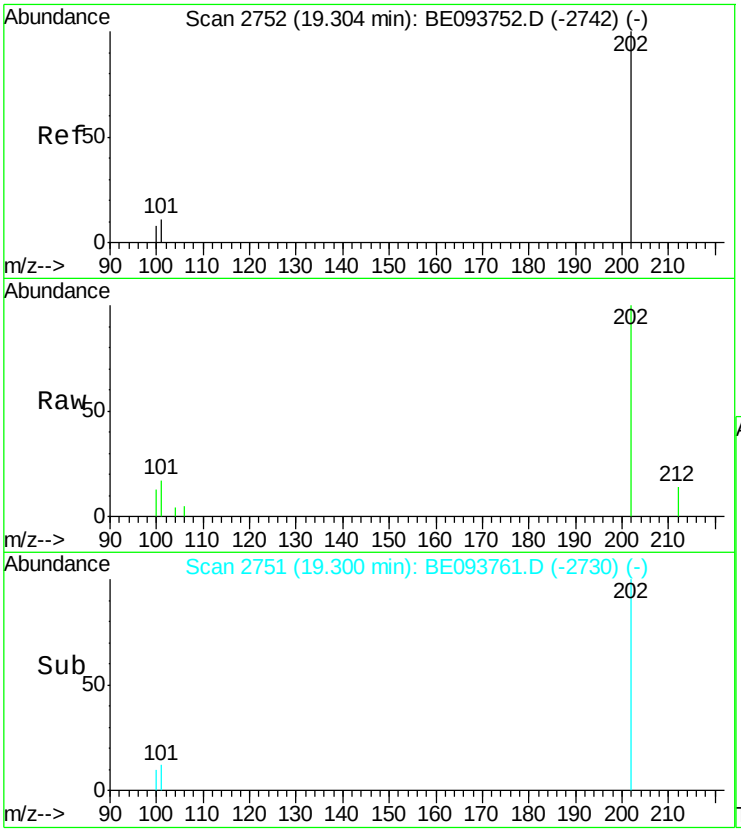


#12
Phenanthrene
Concen: 0.121 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BE093761.D
Acq: 11 Aug 2017 00:34

Tgt Ion:178 Resp: 6796

Ion	Ratio	Lower	Upper
178	100		
179	19.2	18.4	27.6
176	20.8	13.6	20.4#

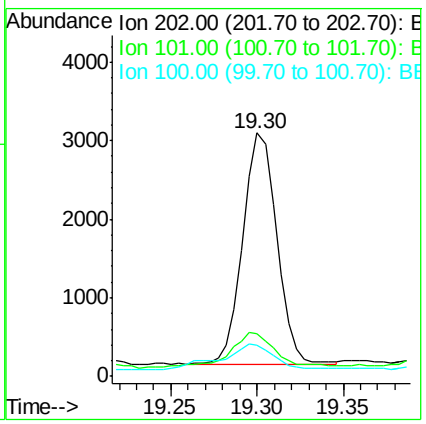




#15
Fluoranthene
Concen: 0.057 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BE093761.D
Acq: 11 Aug 2017 00:34

Tgt Ion:202 Resp: 4012

Ion	Ratio	Lower	Upper
202	100		
101	17.3	0.0	30.3
100	12.8	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
C0AA6

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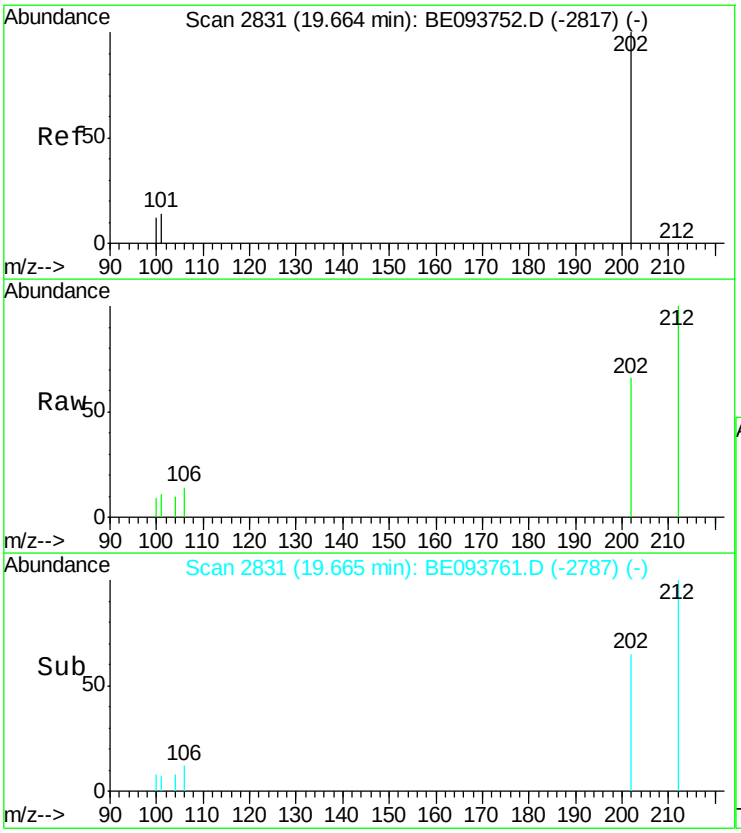
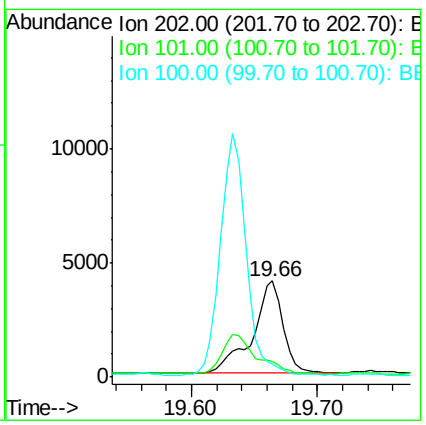
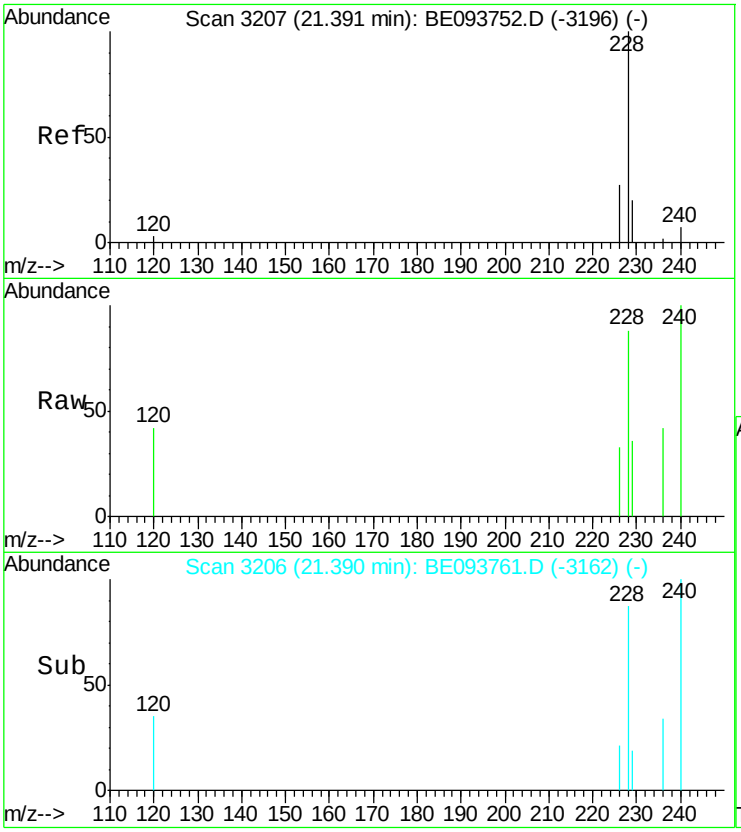


#17
Pyrene
Concen: 0.112 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BE093761.D
Acq: 11 Aug 2017 00:34

Tgt Ion:202 Resp: 6857

Ion	Ratio	Lower	Upper
202	100		
101	16.3	18.2	27.4#
100	13.9	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 0.031 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BE093761.D
Acq: 11 Aug 2017 00:34

Tgt Ion:228 Resp: 1900

Ion	Ratio	Lower	Upper
228	100		
229	40.3	22.8	34.2#
226	37.7	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
C0AA6

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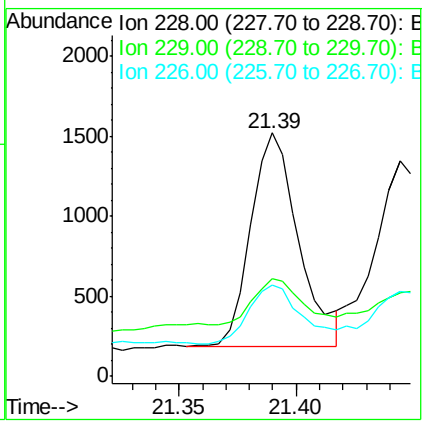
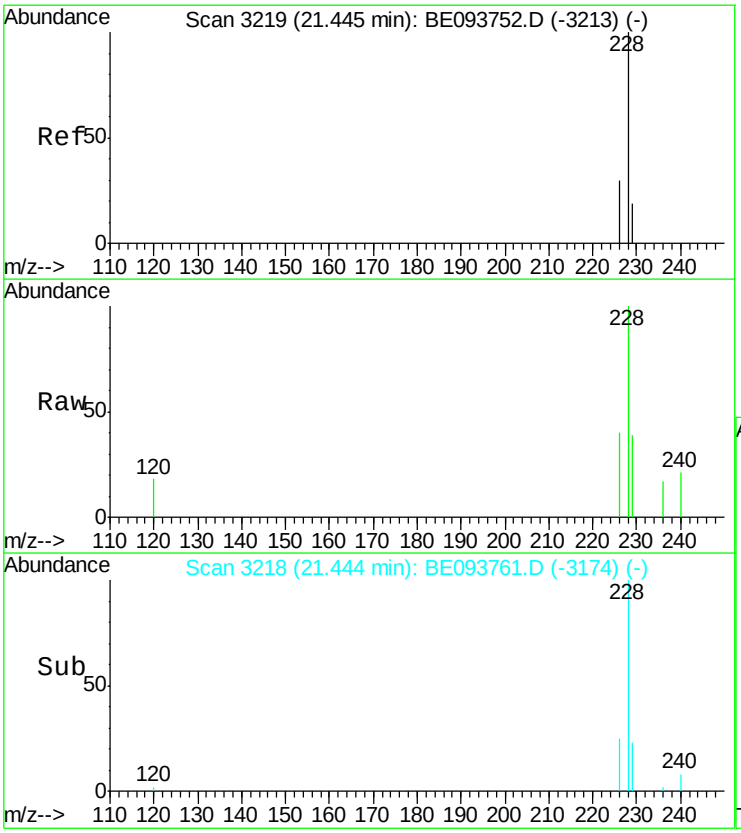
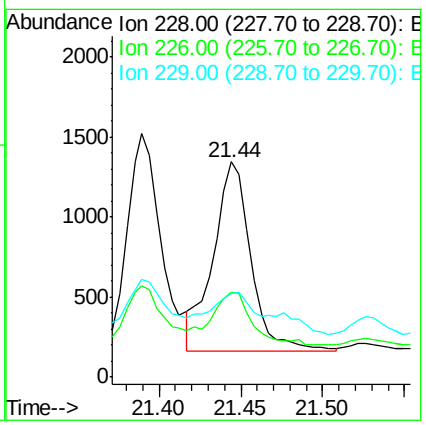


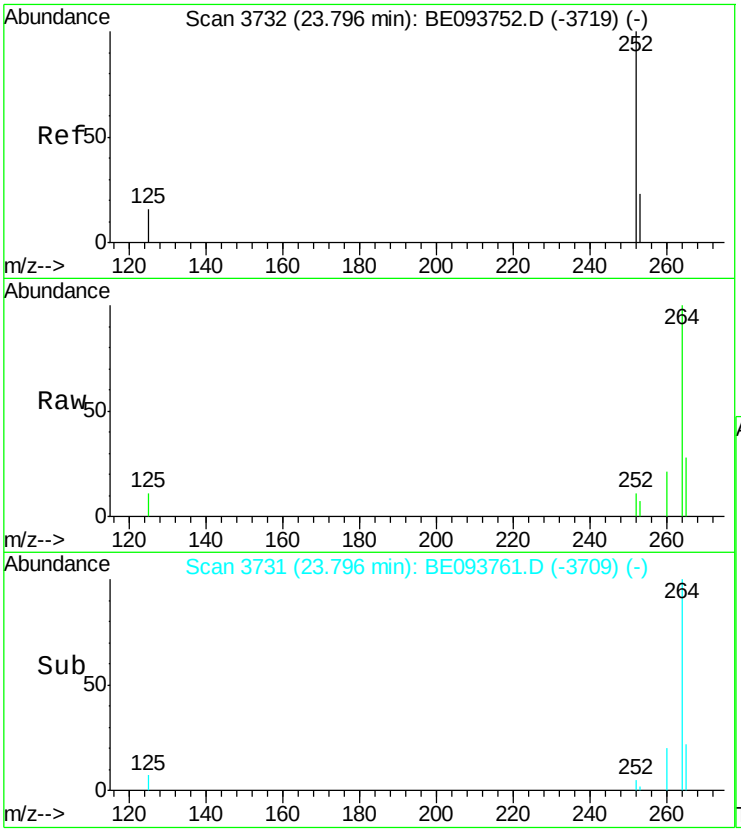


#19
Chrysene
Concen: 0.032 ng/ul
RT: 21.44 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BE093761.D
Acq: 11 Aug 2017 00:34

Tgt Ion:228 Resp: 1877

Ion	Ratio	Lower	Upper
228	100		
226	39.5	23.4	35.0#
229	38.9	17.7	26.5#

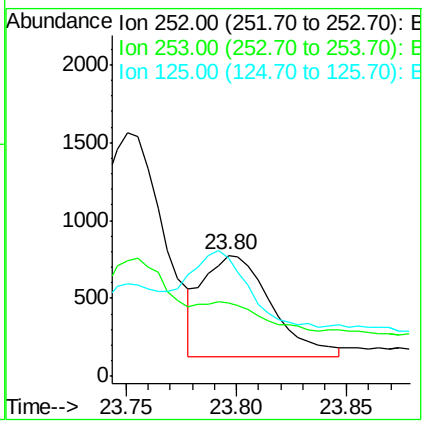




#23
Benzo(a)pyrene
Concen: 0.027 ng/ul m
RT: 23.80 min Scan# 3731
Delta R.T. 0.00 min
Lab File: BE093761.D
Acq: 11 Aug 2017 00:34

Tgt Ion:252 Resp: 1405

Ion	Ratio	Lower	Upper
252	100		
253	61.0	28.5	42.7#
125	98.1	18.1	27.1#



Instrument :
BNA_E
ClientSampleId :
C0AA6

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