Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
Data File : BE093568.D
Acq On : 25 Jul 2017 9:25
Operator : SJ/JU
Sample : I4209-07
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B10

Manual Integrations APPROVED
Sohil
7/25/2017 5:34:13 PM

Quant Time: Jul 25 12:13:37 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	2177	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	11700	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	7899	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	19555m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	22457	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	18495m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	5881	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	19344	0.31	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.76	128	1525	0.054	ng/ul#	90
12) Phenanthrene	17.29	178	1541	0.029	ng/ul#	91
15) Fluoranthene	19.30	202	2911	0.044	ng/ul	87
17) Pyrene	19.67	202	2924	0.045	ng/ul#	89
18) Benzo(a)anthracene	21.40	228	2478	0.038	ng/ul#	89
19) Chrysene	21.45	228	2597m	0.042	ng/ul	
21) Benzo(b)fluoranthene	23.14	252	4513	0.079	ng/ul#	80
23) Benzo(a)pyrene	23.80	252	4019m	0.074	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	2556m	0.043	ng/ul	
26) Benzo(g,h,i)perylene	27.37	276	2610m	0.052	ng/ul	

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

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C0B10

Manual Integrations APPROVED
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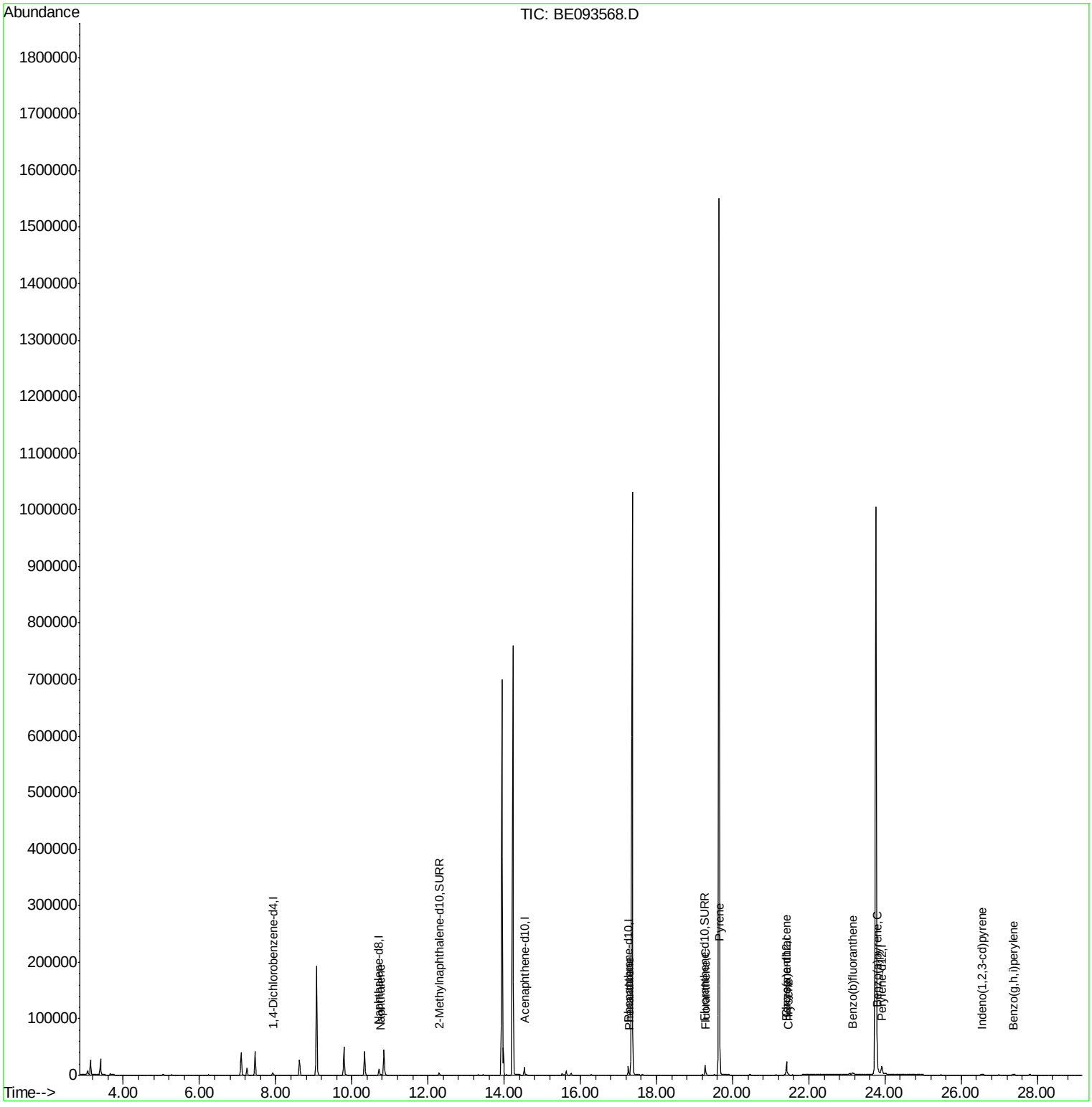

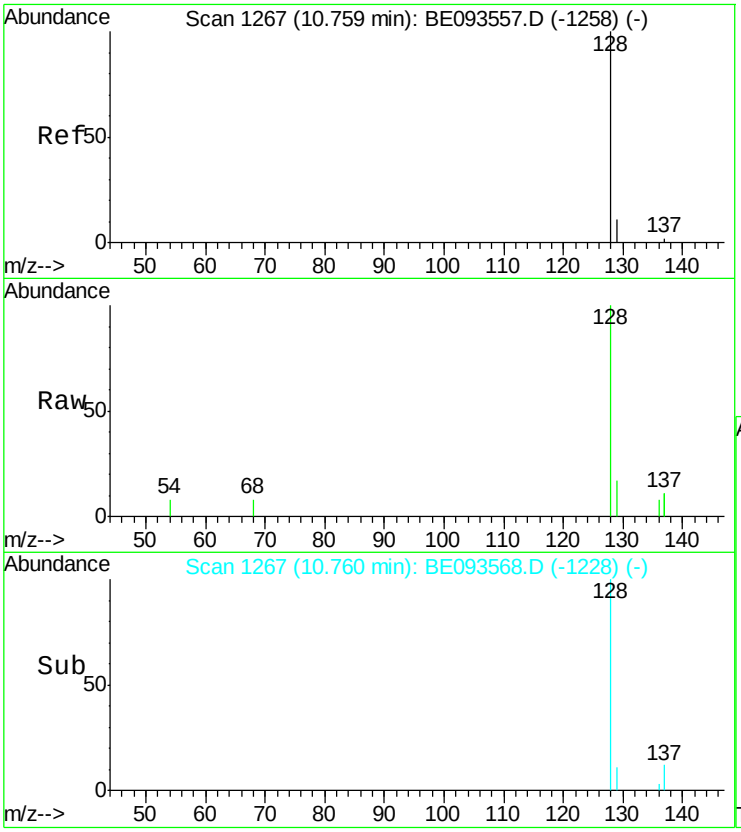

#3
Naphthalene
Concen: 0.054 ng/ul
RT: 10.76 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BE093568.D
Acq: 25 Jul 2017 9:25

Tgt Ion:128 Resp: 1525

Ion	Ratio	Lower	Upper
128	100		
129	17.2	11.3	16.9#
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0B10

Manual Integrations APPROVED
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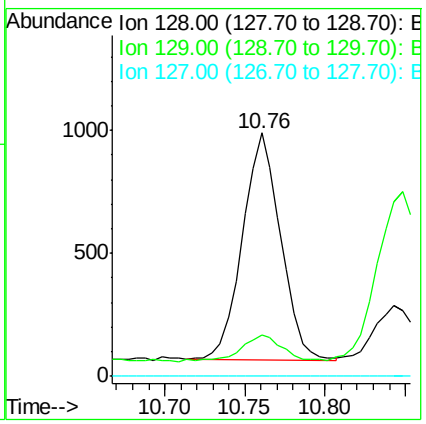
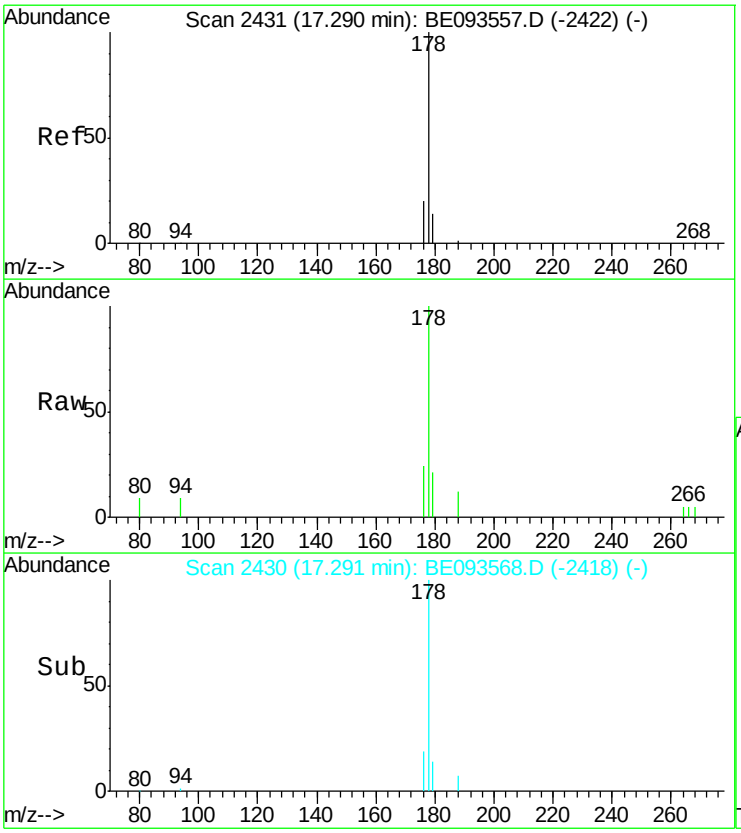
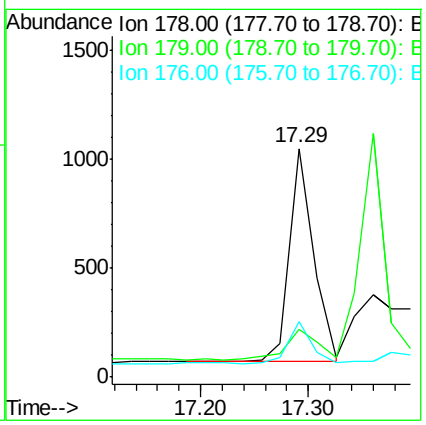


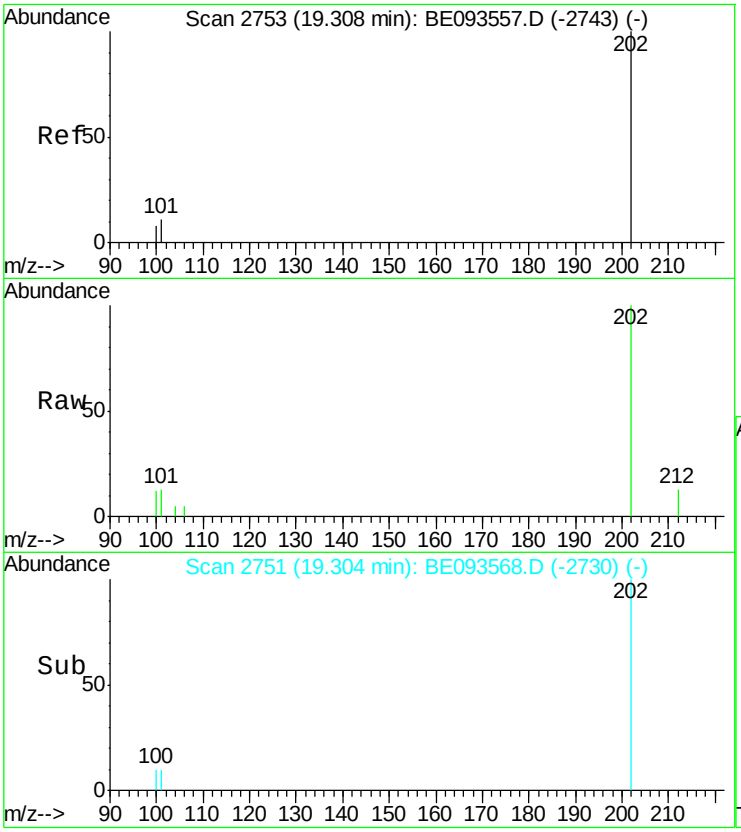


#12
Phenanthrene
Concen: 0.029 ng/ul
RT: 17.29 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BE093568.D
Acq: 25 Jul 2017 9:25

Tgt Ion:178 Resp: 1541

Ion	Ratio	Lower	Upper
178	100		
179	21.1	18.4	27.6
176	24.3	13.6	20.4#

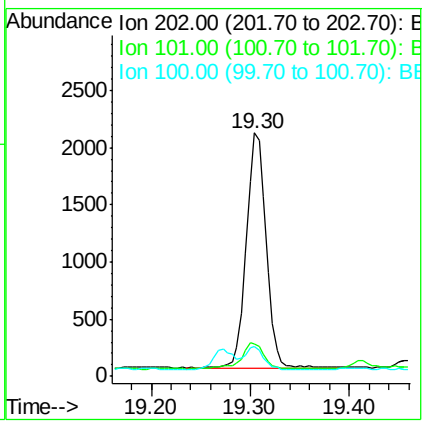




#15
Fluoranthene
Concen: 0.044 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BE093568.D
Acq: 25 Jul 2017 9:25

Tgt Ion:202 Resp: 2911

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	30.3
100	12.4	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
C0B10

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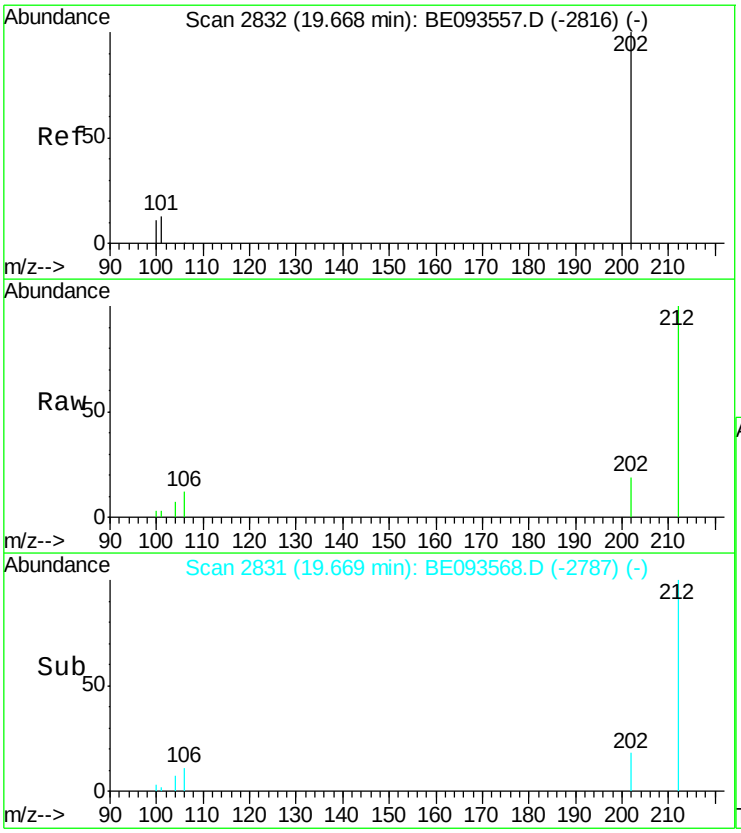
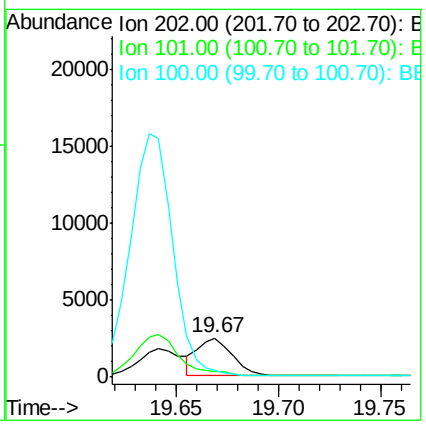
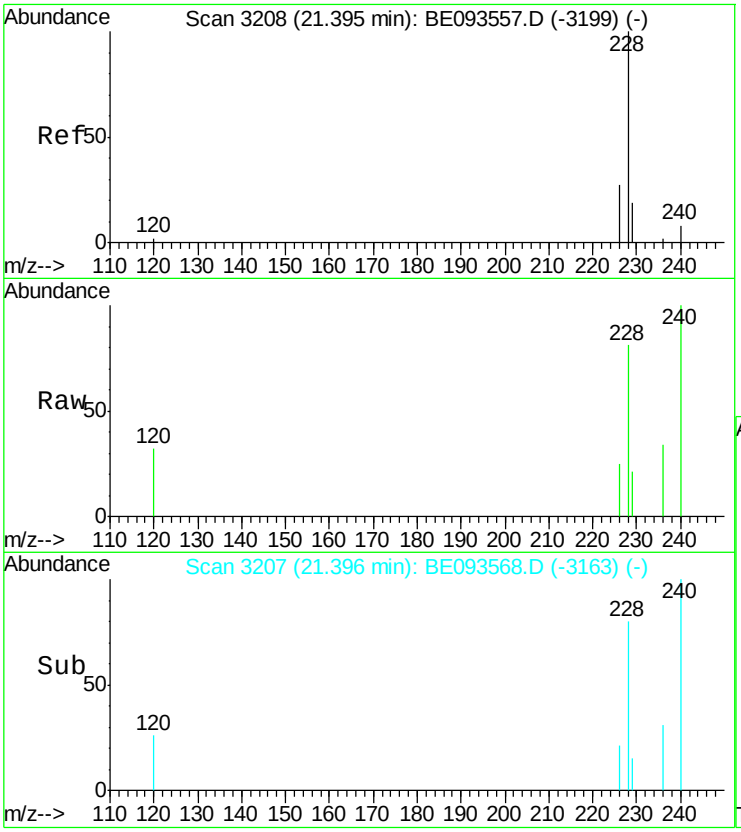


#17
Pyrene
Concen: 0.045 ng/ul
RT: 19.67 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BE093568.D
Acq: 25 Jul 2017 9:25

Tgt Ion:202 Resp: 2924

Ion	Ratio	Lower	Upper
202	100		
101	15.4	18.2	27.4#
100	16.7	15.6	23.4





#18
Benzo(a)anthracene
Concen: 0.038 ng/ul
RT: 21.40 min Scan# 3207
Delta R.T. 0.00 min
Lab File: BE093568.D
Acq: 25 Jul 2017 9:25

Tgt Ion:228 Resp: 2478

Ion	Ratio	Lower	Upper
228	100		
229	26.2	22.8	34.2
226	30.4	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
C0B10

Manual Integrations APPROVED
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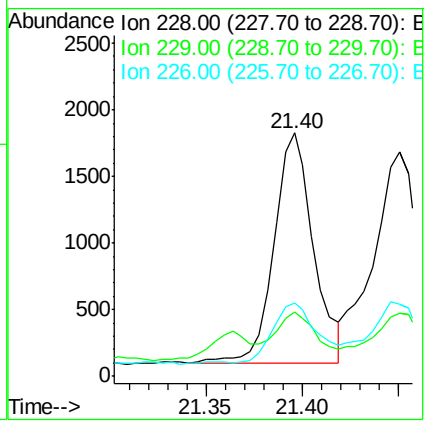
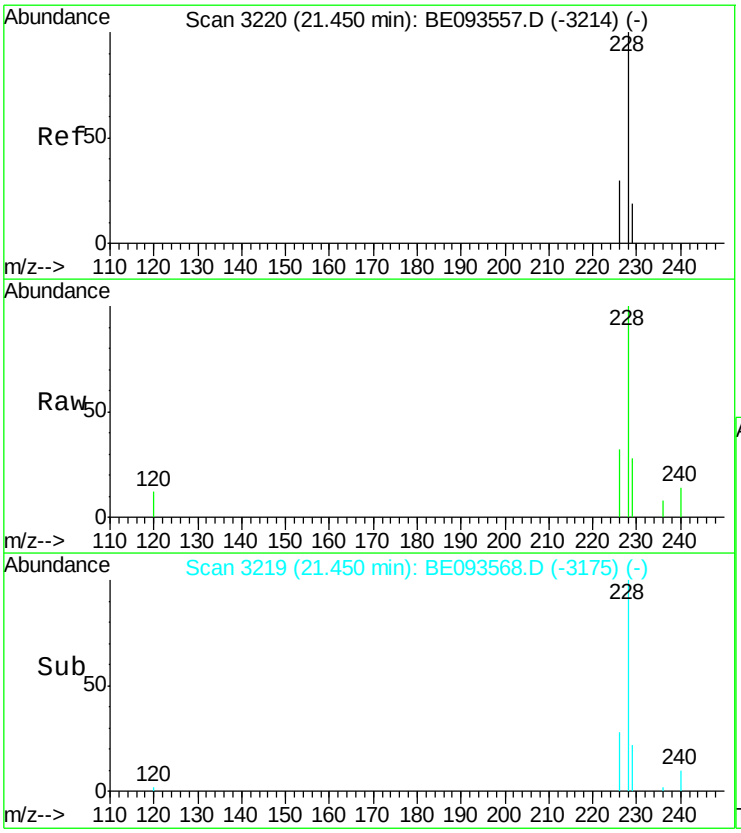
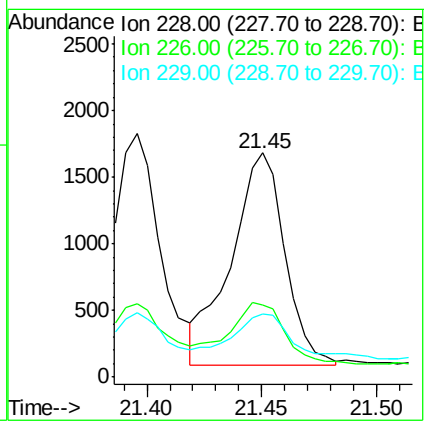


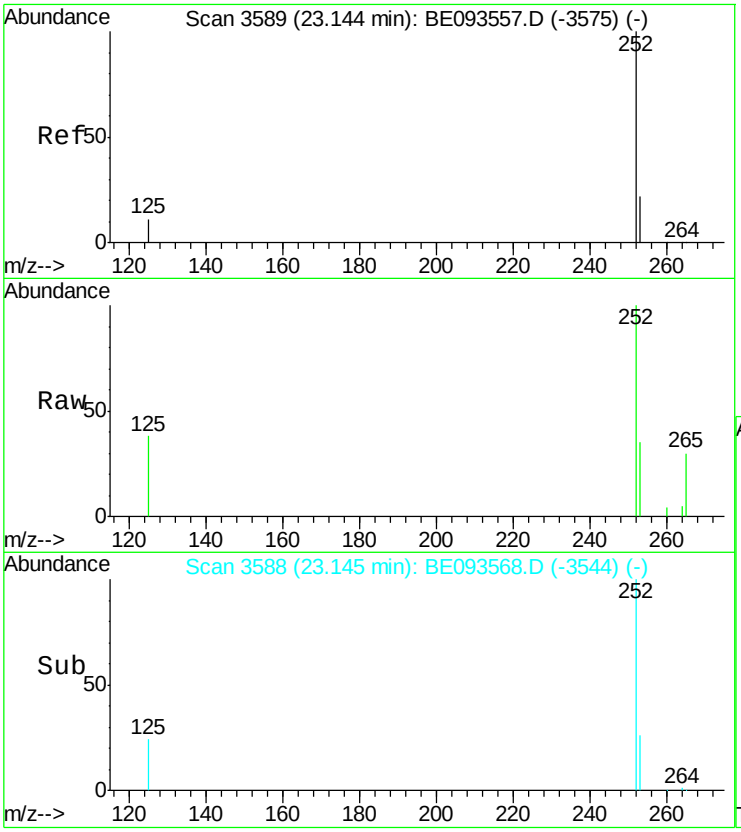


#19
Chrysene
Concen: 0.042 ng/ul m
RT: 21.45 min Scan# 3219
Delta R.T. 0.00 min
Lab File: BE093568.D
Acq: 25 Jul 2017 9:25

Tgt Ion:228 Resp: 2597

Ion	Ratio	Lower	Upper
228	100		
226	32.4	23.4	35.0
229	28.2	17.7	26.5#





#21
Benzo(b)fluoranthene
Concen: 0.079 ng/ul
RT: 23.14 min Scan# 3588
Delta R.T. 0.00 min
Lab File: BE093568.D
Acq: 25 Jul 2017 9:25

Tgt Ion:252 Resp: 4513

Ion	Ratio	Lower	Upper
252	100		
253	35.4	0.0	64.2
125	37.5	0.0	35.0#

Instrument :
BNA_E
ClientSampleId :
C0B10

Manual Integrations APPROVED
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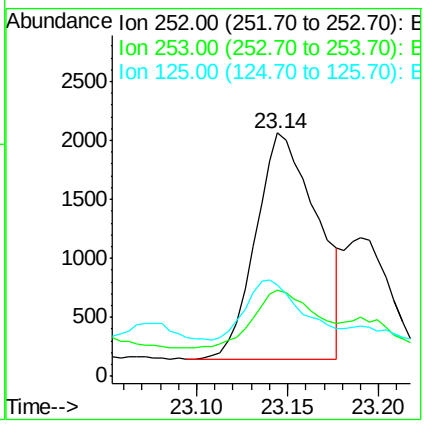
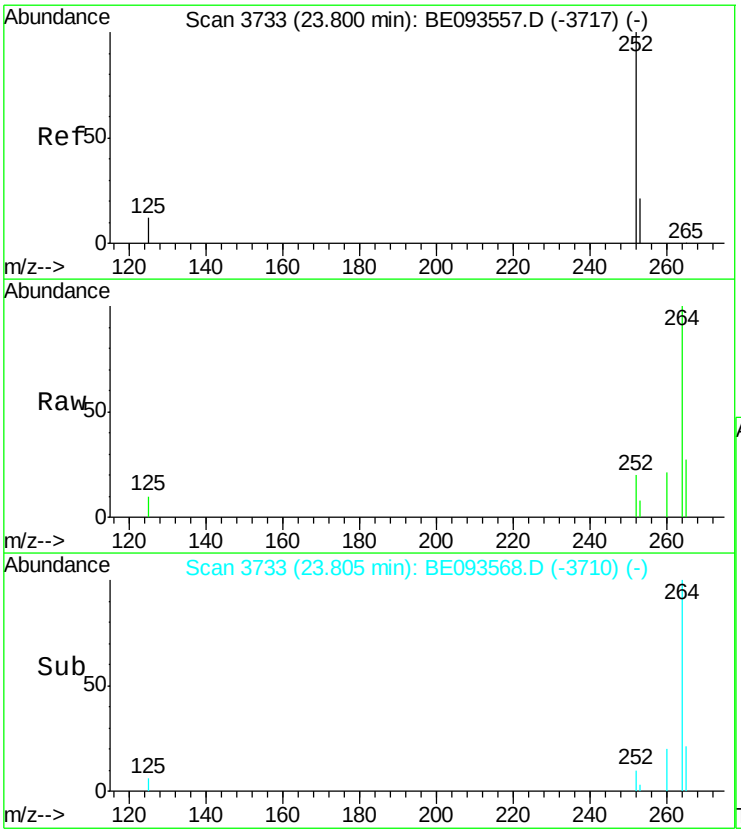
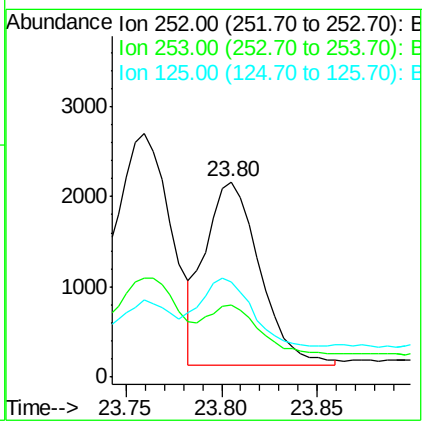


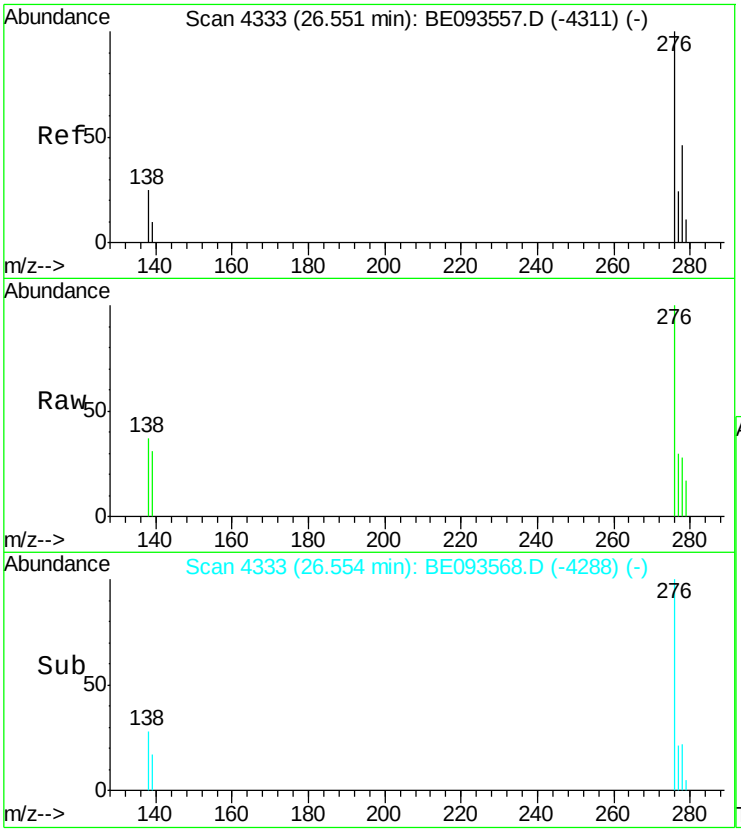


#23
Benzo(a)pyrene
Concen: 0.074 ng/ul m
RT: 23.80 min Scan# 3733
Delta R.T. 0.00 min
Lab File: BE093568.D
Acq: 25 Jul 2017 9:25

Tgt Ion:252 Resp: 4019

Ion	Ratio	Lower	Upper
252	100		
253	36.9	28.5	42.7
125	49.0	18.1	27.1#





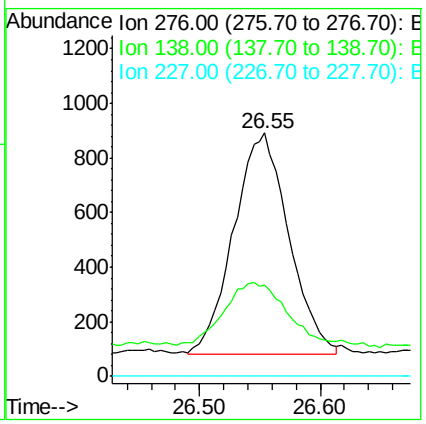
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.043 ng/ul m
RT: 26.55 min Scan# 4333
Delta R.T. 0.00 min
Lab File: BE093568.D
Acq: 25 Jul 2017 9:25

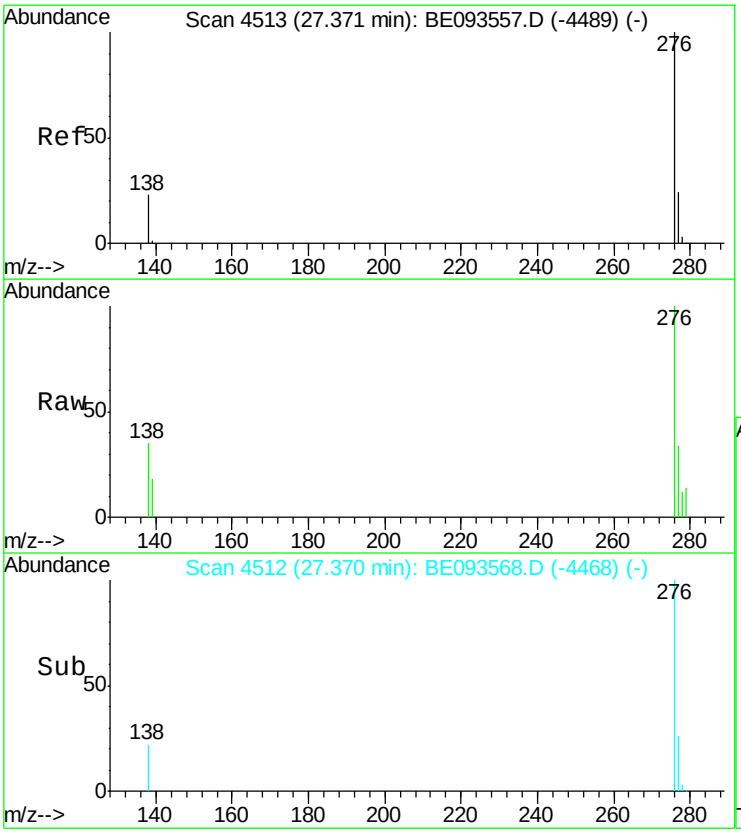
Tgt Ion:276 Resp: 2556

Ion	Ratio	Lower	Upper
276	100		
138	0.0	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
C0B10

Manual Integrations APPROVED
Sohil
7/25/2017 5:34:13 PM





#26
Benzo(g,h,i)perylene
Concen: 0.052 ng/ul m
RT: 27.37 min Scan# 4512
Delta R.T. -0.00 min
Lab File: BE093568.D
Acq: 25 Jul 2017 9:25

Tgt Ion:276 Resp: 2610

Ion	Ratio	Lower	Upper
276	100		
138	34.5	21.8	32.8#
277	33.9	20.5	30.7#