Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094368.D
Acq On : 14 Oct 2017 23:03
Operator : SJ/JU
Sample : I5548-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC2

Manual Integrations APPROVED
Sohil
10/16/2017 8:25:24 PM

Quant Time: Oct 15 02:45:42 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 05:22:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1399	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.70	136	7483	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	4750	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10714	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	10406	0.40	ng/ul	-0.01
20) Perylene-d12	23.94	264	12068	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	2347	0.20	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	6894	0.19	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.74	128	1948	0.106	ng/ul#	93
5) 2-Methylnaphthalene	12.35	142	926	0.078	ng/ul	100
7) Acenaphthylene	14.24	152	7681	0.415	ng/ul	98
8) Acenaphthene	14.58	153	2504	0.164	ng/ul	97
9) Fluorene	15.57	166	4975	0.279	ng/ul	92
12) Phenanthrene	17.29	178	142956	5.106	ng/ul#	89
13) Anthracene	17.38	178	31739	1.166	ng/ul#	88
15) Fluoranthene	19.31	202	324924	8.832	ng/ul	84
17) Pyrene	19.67	202	283204	9.781	ng/ul#	84
18) Benzo(a)anthracene	21.40	228	149376	5.411	ng/ul#	86
19) Chrysene	21.46	228	141507	4.439	ng/ul	99
21) Benzo(b)fluoranthene	23.17	252	180885m	5.518	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	52425m	1.384	ng/ul	
23) Benzo(a)pyrene	23.83	252	119425	3.506	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.61	276	76914	2.207	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.61	278	21190	0.725	ng/ul	94
26) Benzo(g,h,i)perylene	27.45	276	58842	1.958	ng/ul	98

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

Quantitation Report (QT Reviewed)

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Instrument :
BNA_E
ClientSampleId :
C0AC2

Manual Integrations APPROVED
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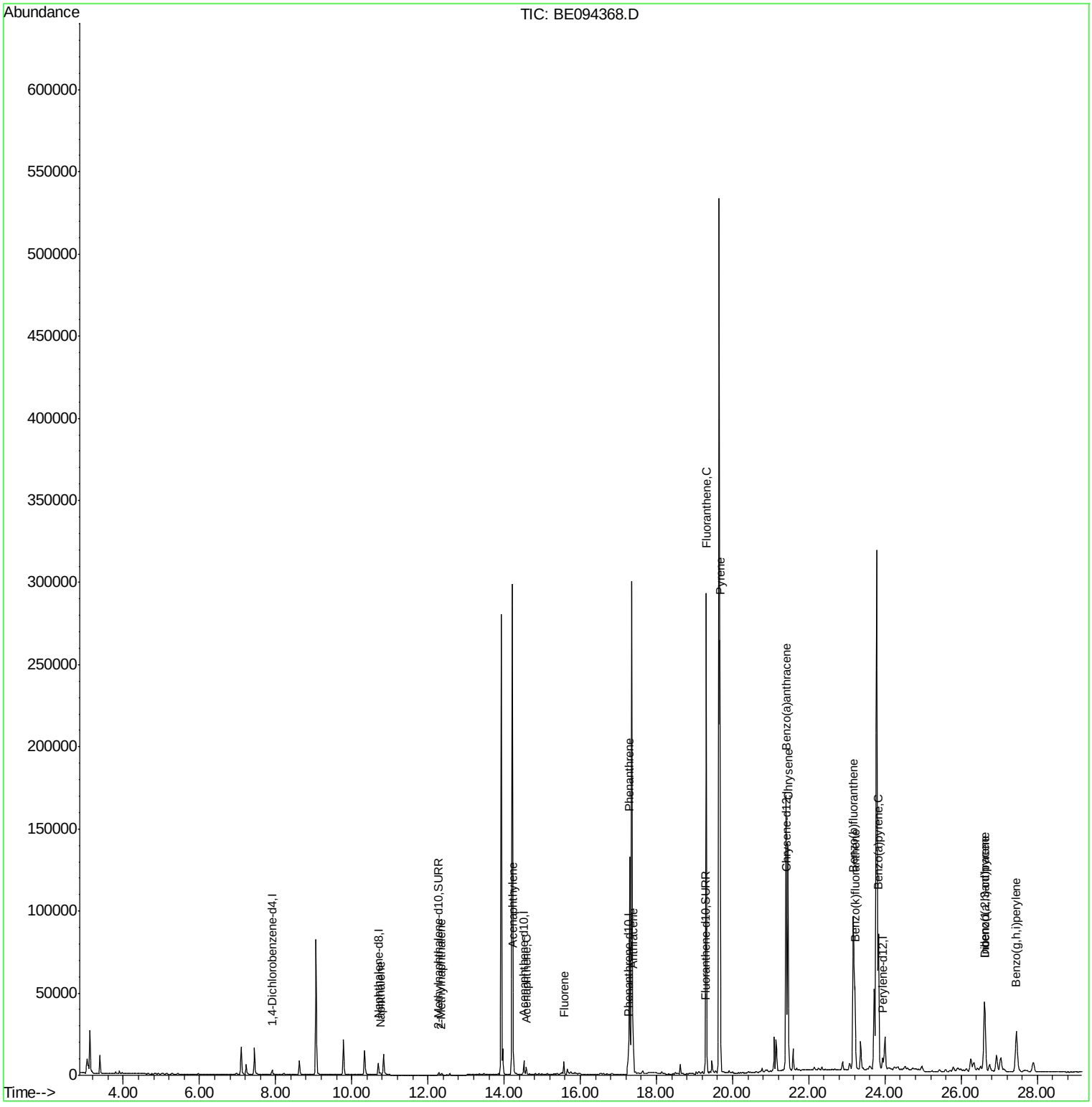

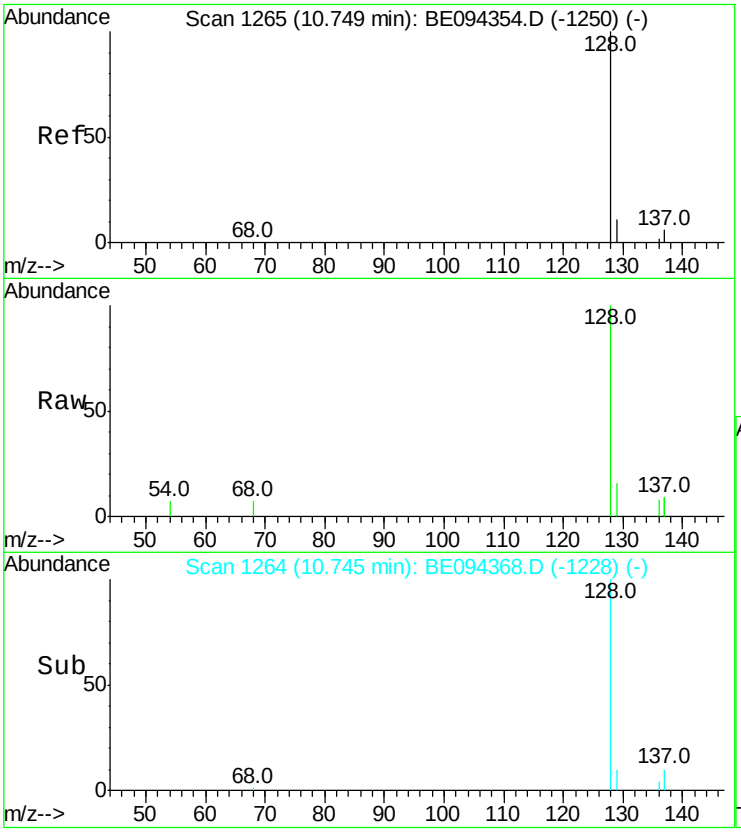

#3
Naphthalene
Concen: 0.106 ng/ul
RT: 10.74 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BE094368.D
Acq: 14 Oct 2017 23:03

Tgt Ion:128 Resp: 1948

Ion	Ratio	Lower	Upper
128	100		
129	15.9	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AC2

Manual Integrations APPROVED
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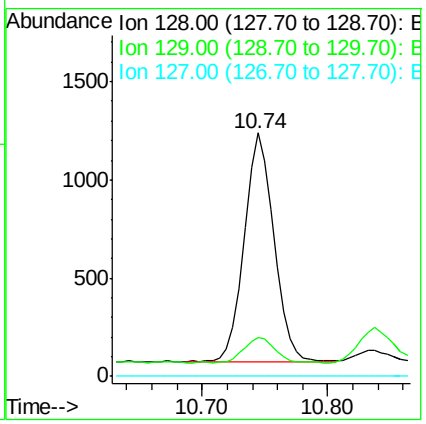
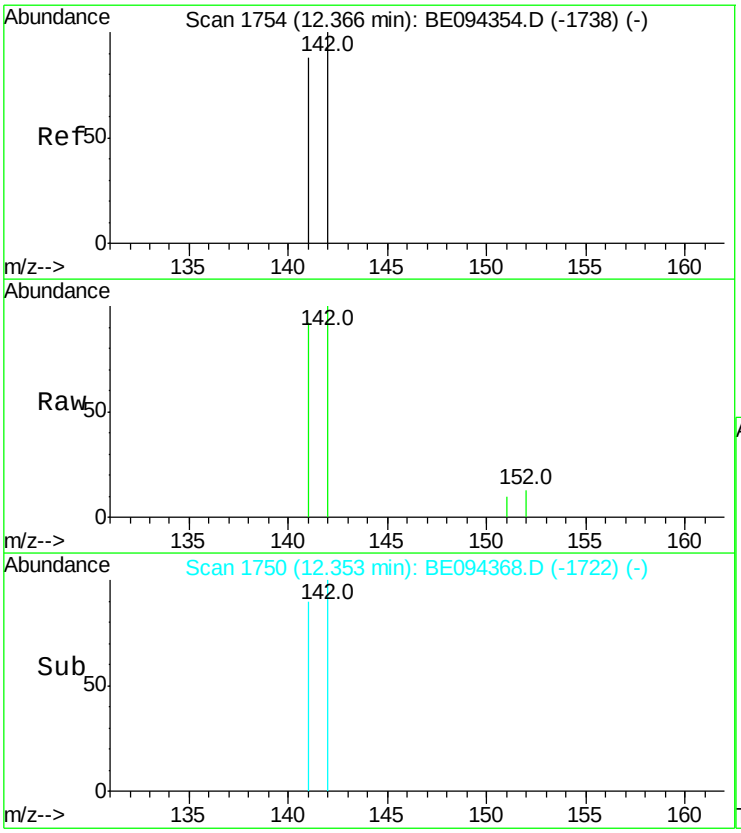
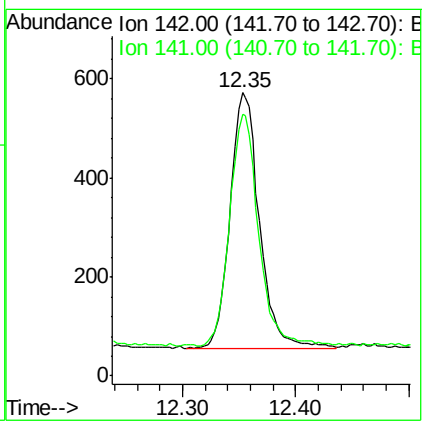


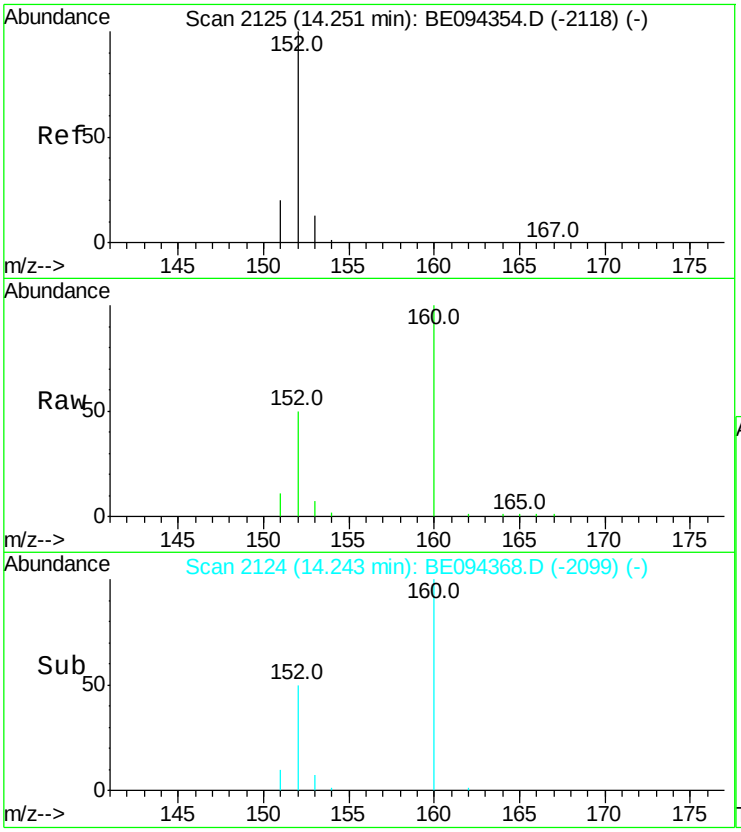


#5
2-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.35 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BE094368.D
Acq: 14 Oct 2017 23:03

Tgt Ion:142 Resp: 926

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.6	108.8

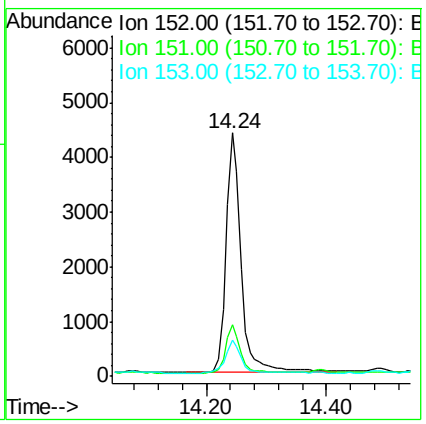




#7
Acenaphthylene
Concen: 0.415 ng/ul
RT: 14.24 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BE094368.D
Acq: 14 Oct 2017 23:03

Tgt Ion:152 Resp: 7681

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.1	25.7
153	14.7	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
C0AC2

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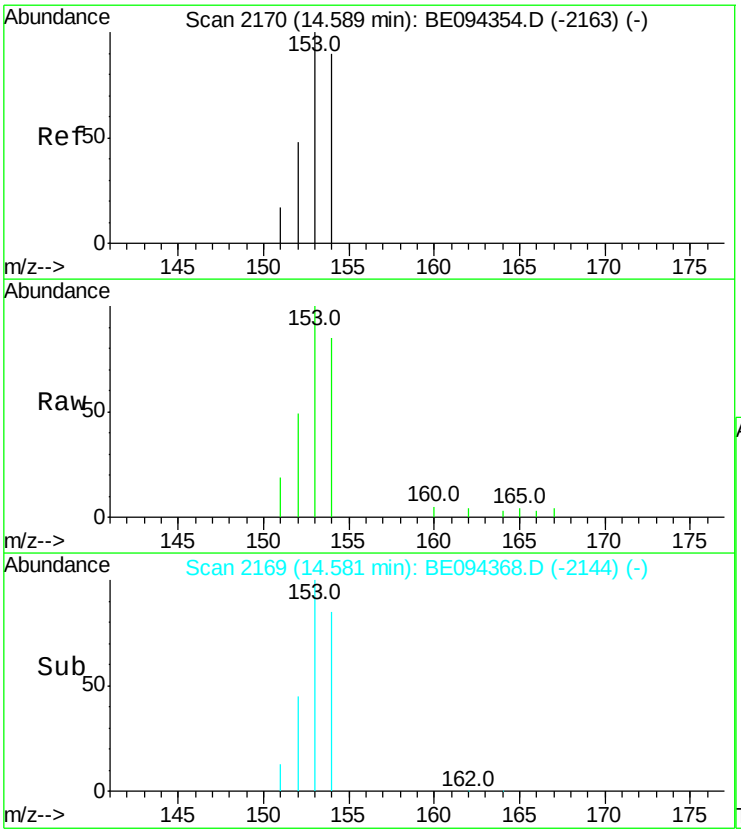
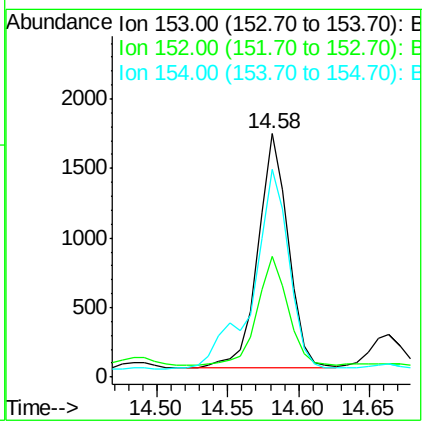
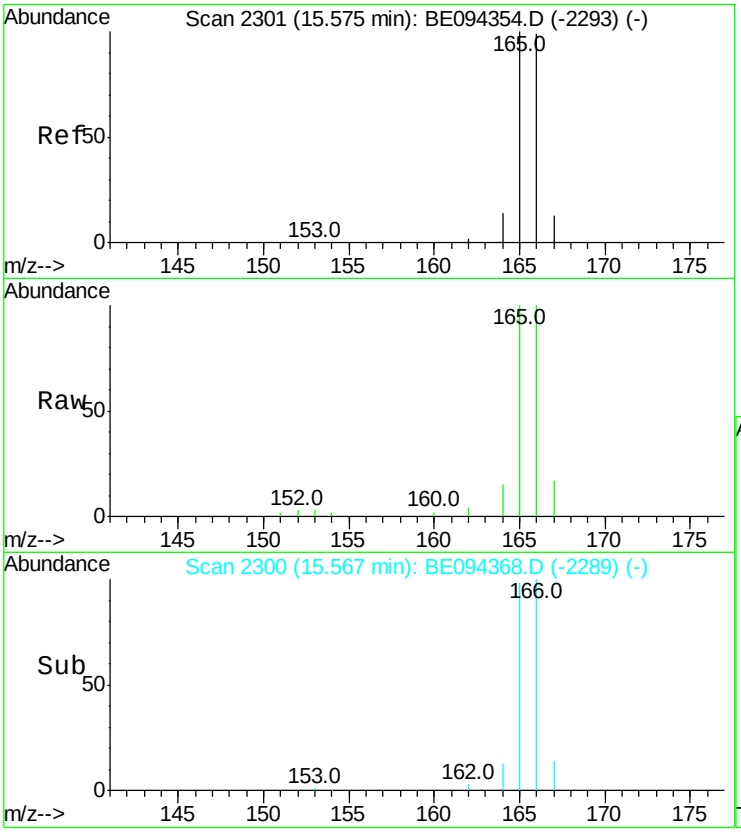


#8
Acenaphthene
Concen: 0.164 ng/ul
RT: 14.58 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BE094368.D
Acq: 14 Oct 2017 23:03

Tgt Ion:153 Resp: 2504

Ion	Ratio	Lower	Upper
153	100		
152	49.3	40.3	60.5
154	85.4	71.4	107.2

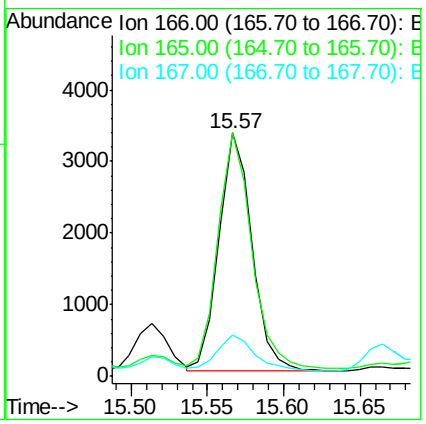




#9
Fluorene
Concen: 0.279 ng/ul
RT: 15.57 min Scan# 2300
Delta R.T. -0.02 min
Lab File: BE094368.D
Acq: 14 Oct 2017 23:03

Tgt Ion:166 Resp: 4975

Ion	Ratio	Lower	Upper
166	100		
165	99.9	73.4	110.2
167	17.0	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
C0AC2

Manual Integrations APPROVED
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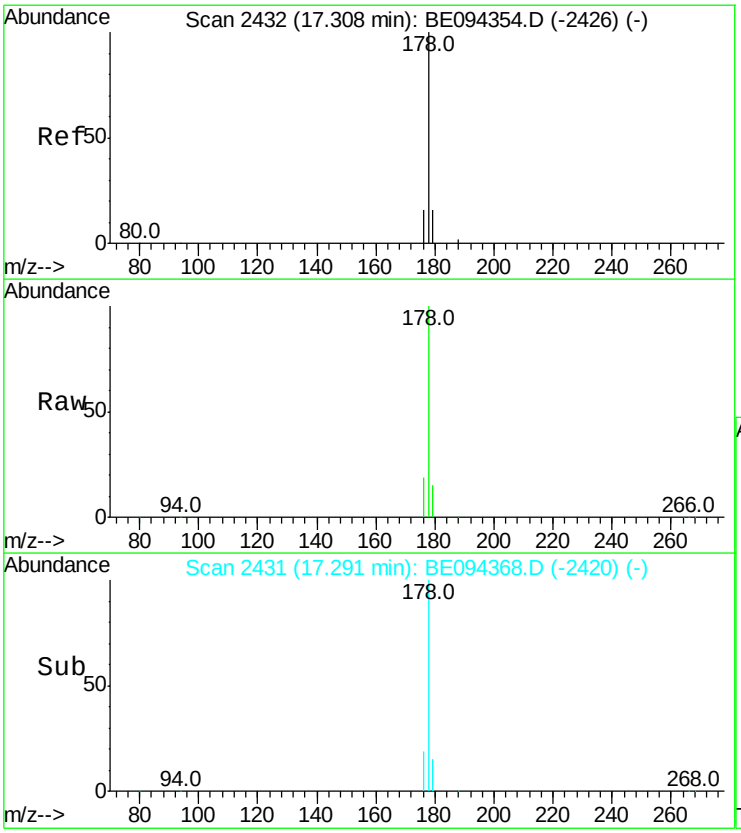
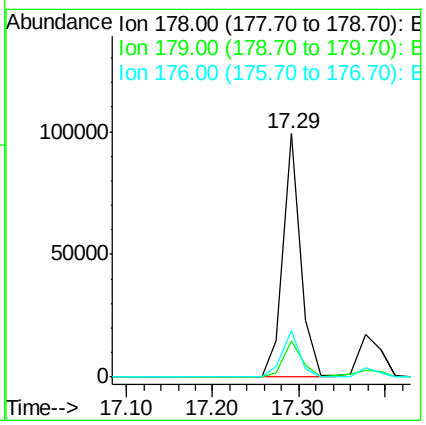
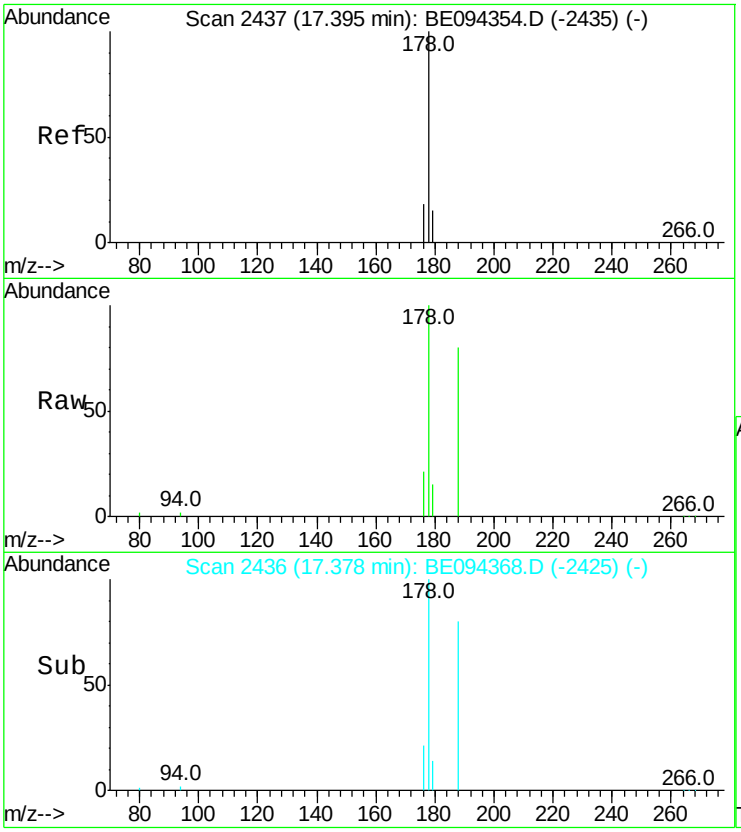


#12
Phenanthrene
Concen: 5.106 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094368.D
Acq: 14 Oct 2017 23:03

Tgt Ion:178 Resp: 142956

Ion	Ratio	Lower	Upper
178	100		
179	14.9	18.4	27.6#
176	19.0	13.6	20.4

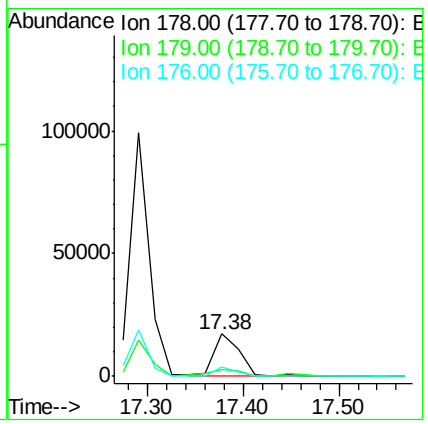




#13
Anthracene
Concen: 1.166 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BE094368.D
Acq: 14 Oct 2017 23:03

Tgt Ion:178 Resp: 31739

Ion	Ratio	Lower	Upper
178	100		
179	14.9	18.1	27.1#
176	21.2	14.7	22.1



Instrument :
BNA_E
ClientSampleId :
C0AC2

Manual Integrations APPROVED
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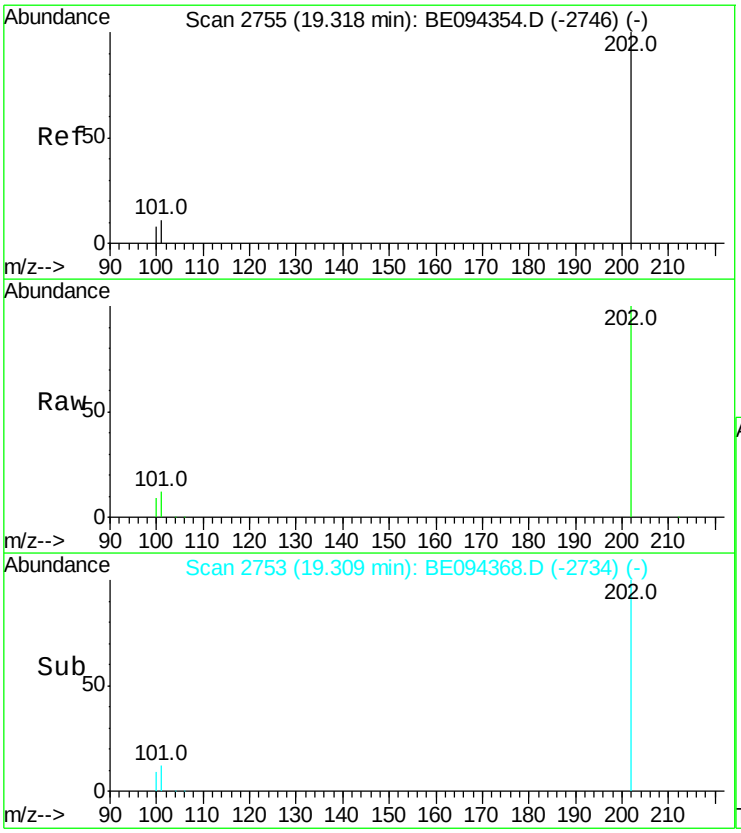
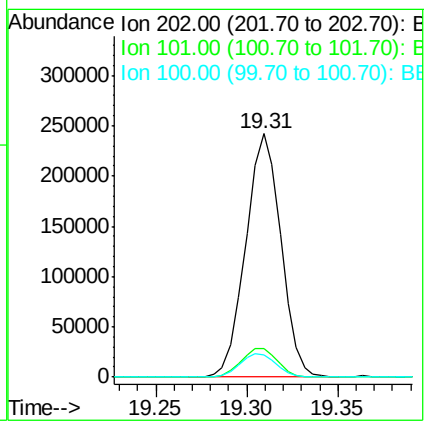
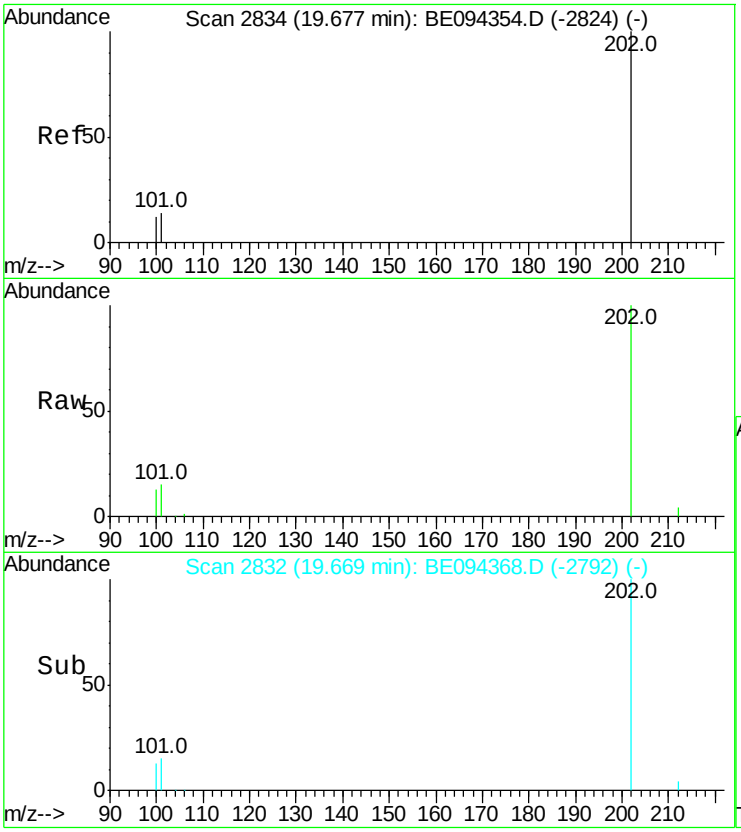


#15
Fluoranthene
Concen: 8.832 ng/ul
RT: 19.31 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BE094368.D
Acq: 14 Oct 2017 23:03

Tgt Ion:202 Resp: 324924

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	30.3
100	9.3	0.0	39.5





#17
Pyrene
Concen: 9.781 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. -0.02 min
Lab File: BE094368.D
Acq: 14 Oct 2017 23:03

Tgt Ion:202 Resp: 283204

Ion	Ratio	Lower	Upper
202	100		
101	14.7	18.2	27.4#
100	13.0	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AC2

Manual Integrations APPROVED
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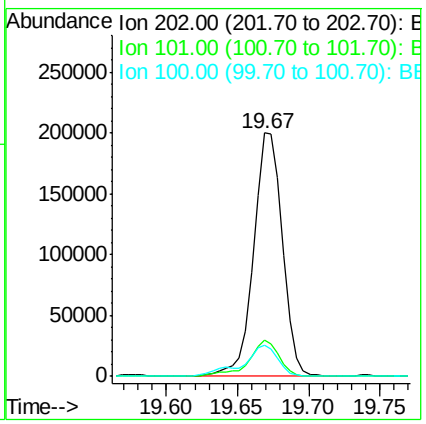
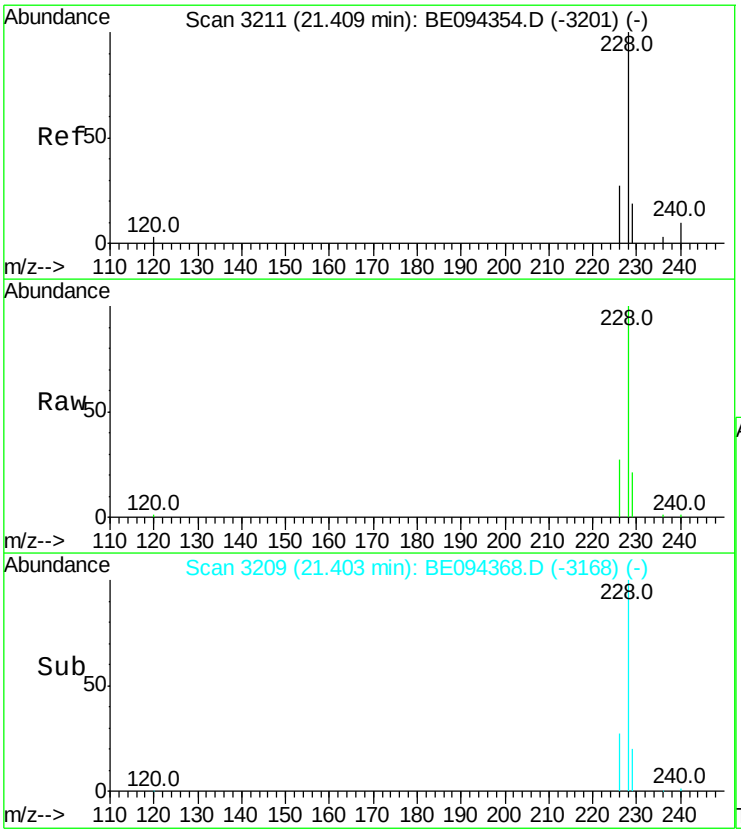
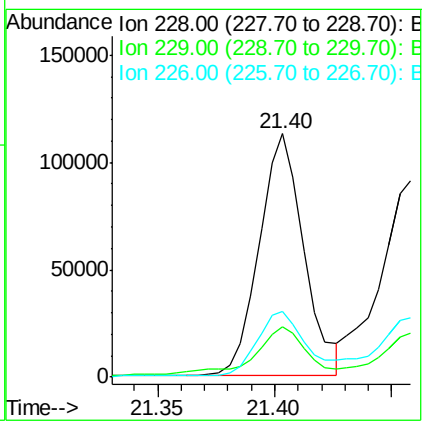


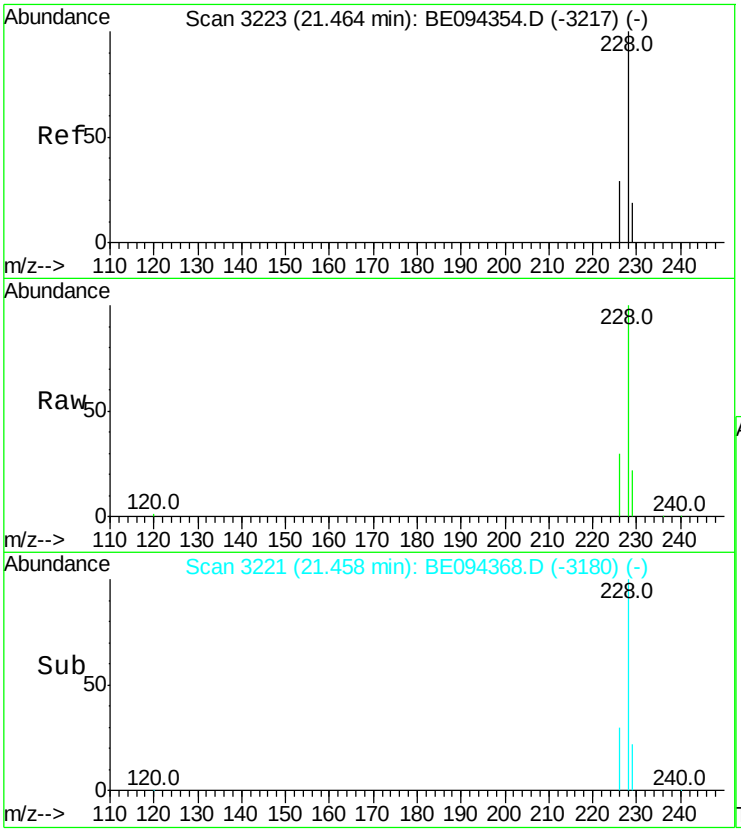


#18
Benzo(a)anthracene
Concen: 5.411 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.01 min
Lab File: BE094368.D
Acq: 14 Oct 2017 23:03

Tgt Ion:228 Resp: 149376

Ion	Ratio	Lower	Upper
228	100		
229	20.9	22.8	34.2#
226	27.2	17.0	25.6#

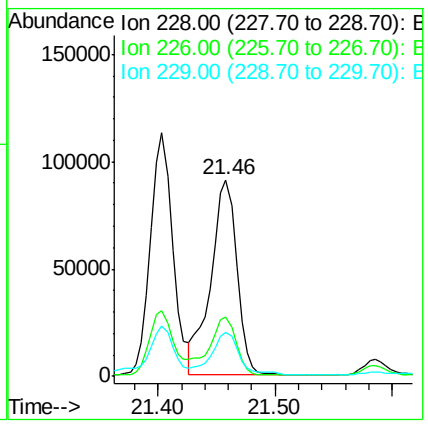




#19
Chrysene
Concen: 4.439 ng/ul
RT: 21.46 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BE094368.D
Acq: 14 Oct 2017 23:03

Tgt Ion:228 Resp: 141507

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.0
229	22.3	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
C0AC2

Manual Integrations APPROVED
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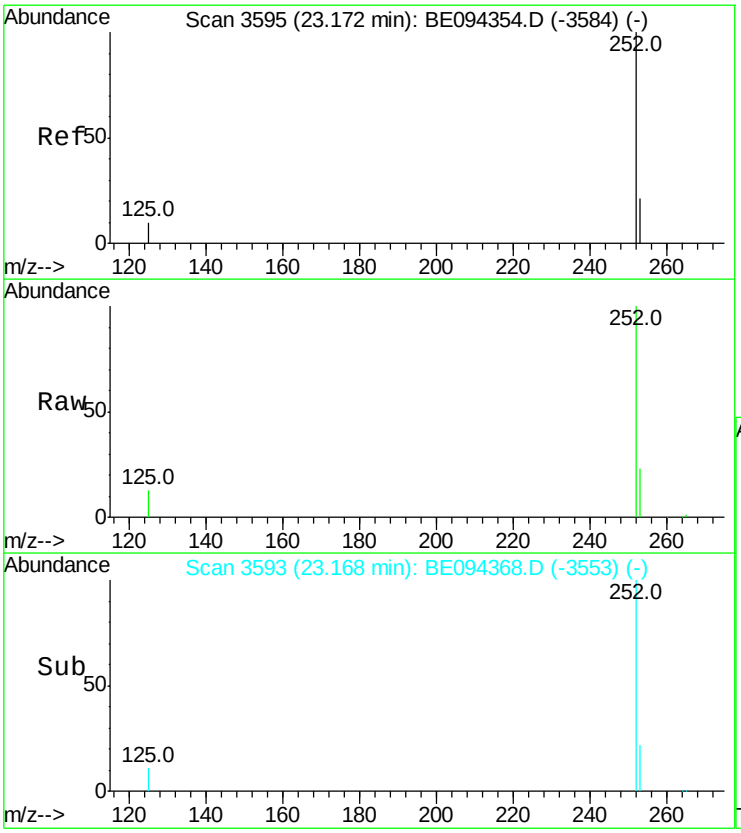
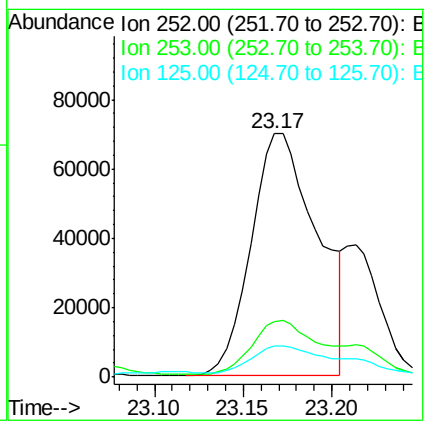
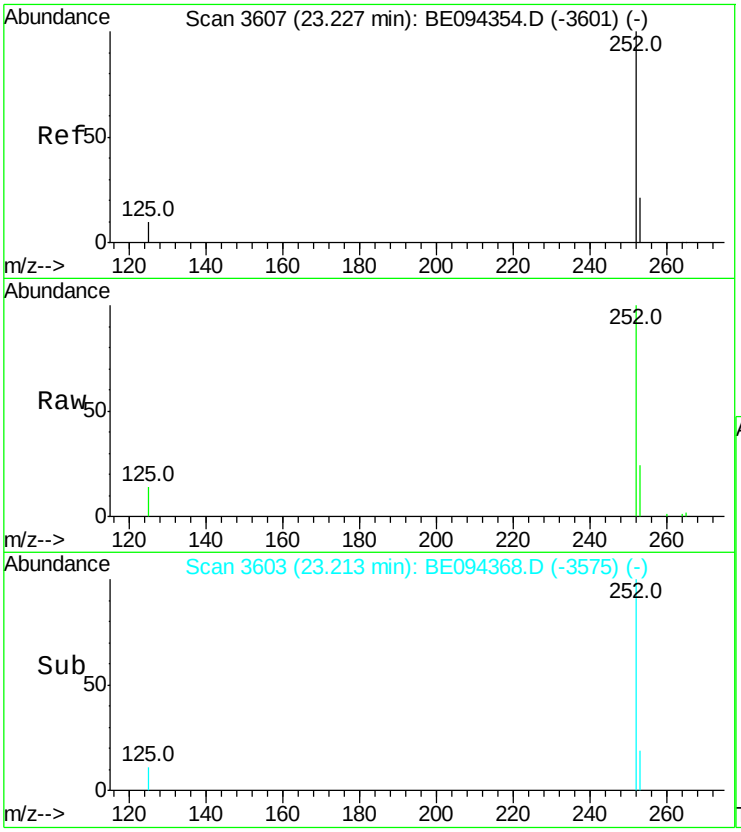


#21
Benzo(b)fluoranthene
Concen: 5.518 ng/ul m
RT: 23.17 min Scan# 3593
Delta R.T. -0.02 min
Lab File: BE094368.D
Acq: 14 Oct 2017 23:03

Tgt Ion:252 Resp: 180885

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	64.2
125	12.5	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 1.384 ng/ul m
RT: 23.21 min Scan# 3603
Delta R.T. -0.02 min
Lab File: BE094368.D
Acq: 14 Oct 2017 23:03

Tgt Ion:252 Resp: 52425

Ion	Ratio	Lower	Upper
252	100		
253	24.2	24.5	36.7#
125	13.6	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
C0AC2

Manual Integrations APPROVED
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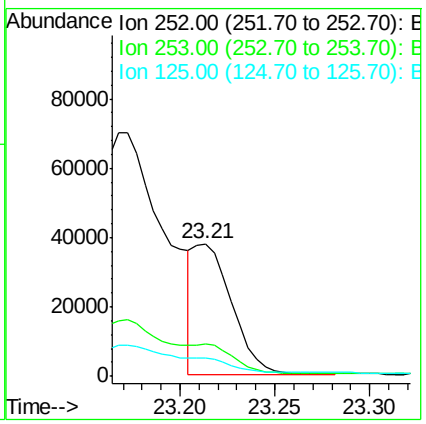
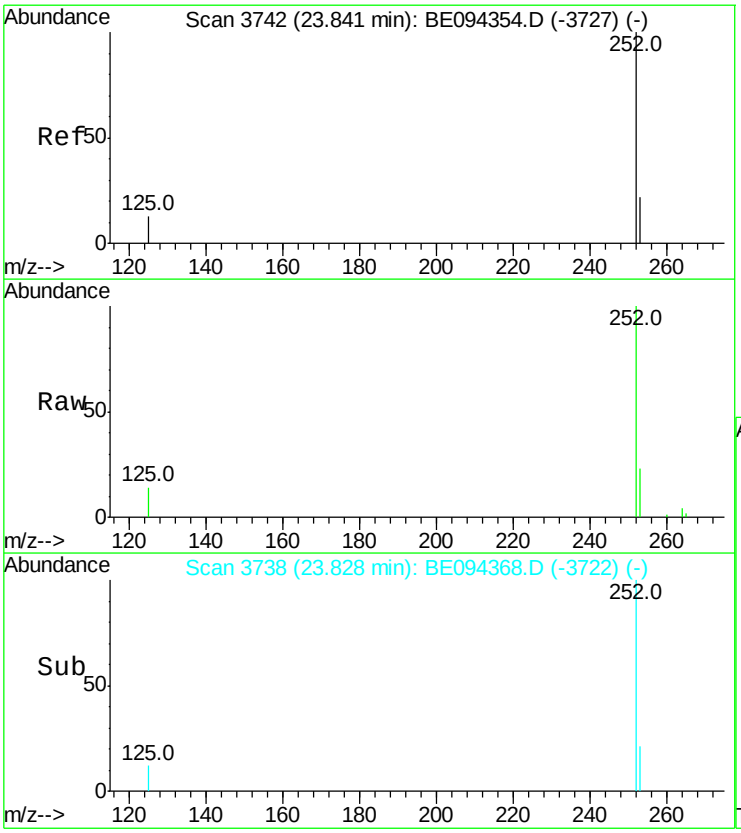
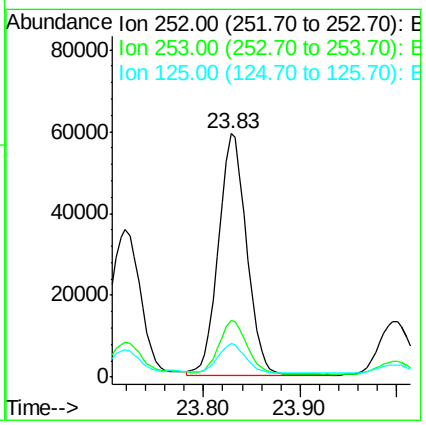


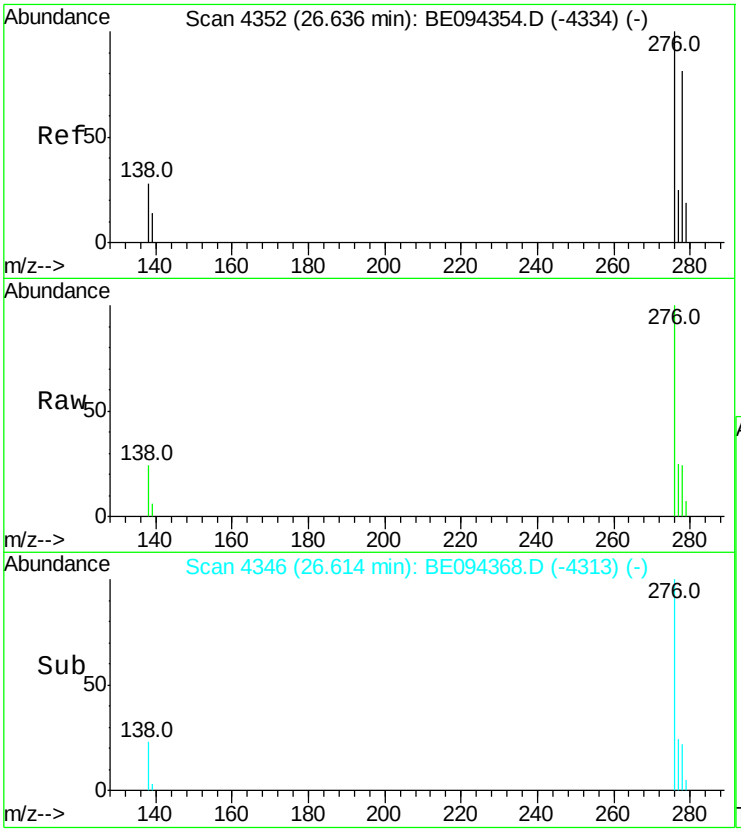


#23
Benzo(a)pyrene
Concen: 3.506 ng/ul
RT: 23.83 min Scan# 3738
Delta R.T. -0.03 min
Lab File: BE094368.D
Acq: 14 Oct 2017 23:03

Tgt Ion:252 Resp: 119425

Ion	Ratio	Lower	Upper
252	100		
253	23.1	28.5	42.7#
125	13.7	18.1	27.1#





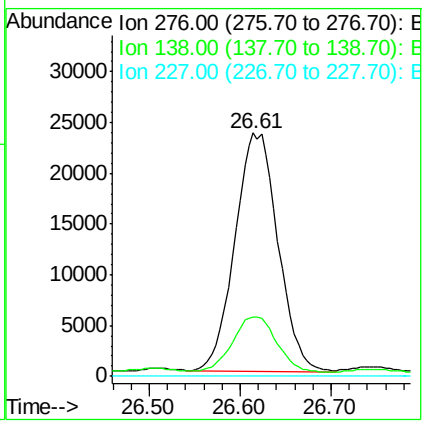
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.207 ng/ul
RT: 26.61 min Scan# 4346
Delta R.T. -0.05 min
Lab File: BE094368.D
Acq: 14 Oct 2017 23:03

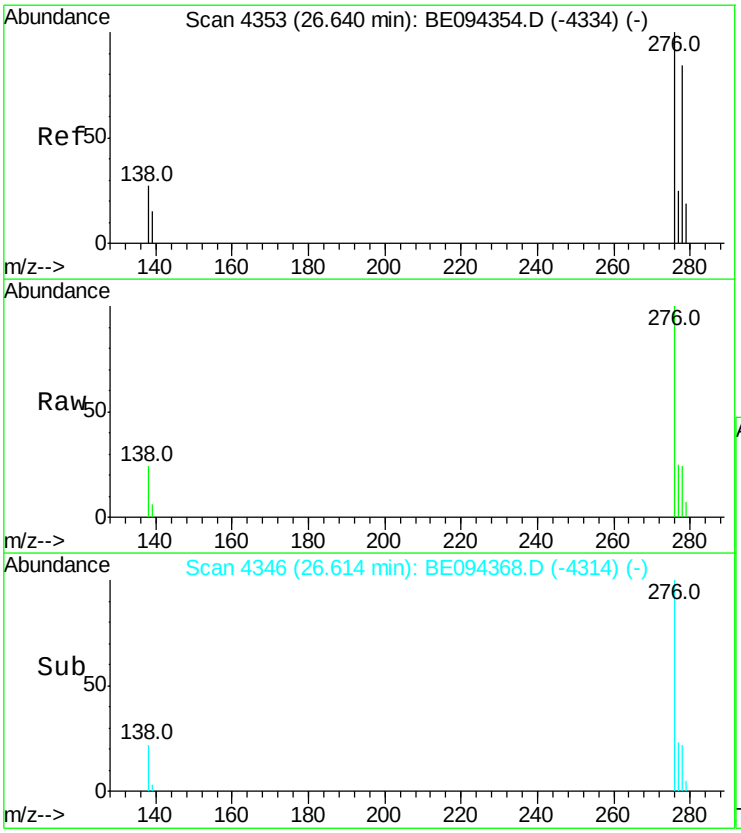
Tgt Ion:276 Resp: 76914

Ion	Ratio	Lower	Upper
276	100		
138	23.6	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
C0AC2

Manual Integrations APPROVED
Sohil
10/16/2017 8:25:24 PM

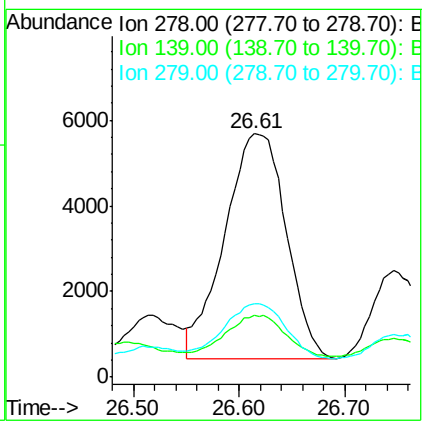


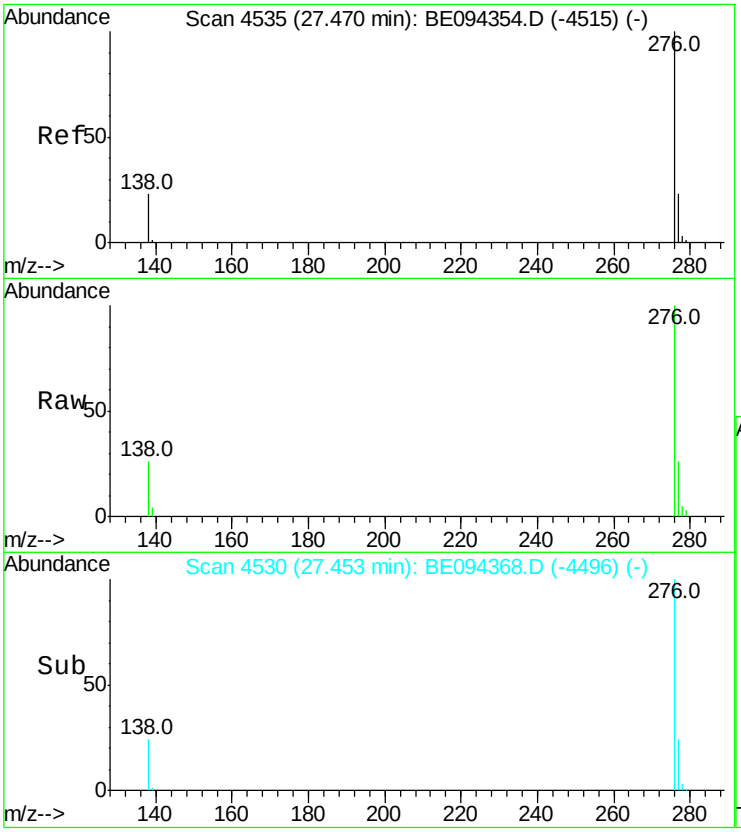


#25
Dibenzo(a,h)anthracene
Concen: 0.725 ng/ul
RT: 26.61 min Scan# 4346
Delta R.T. -0.05 min
Lab File: BE094368.D
Acq: 14 Oct 2017 23:03

Tgt Ion:278 Resp: 21190

Ion	Ratio	Lower	Upper
278	100		
139	25.3	17.4	26.0
279	29.9	25.9	38.9

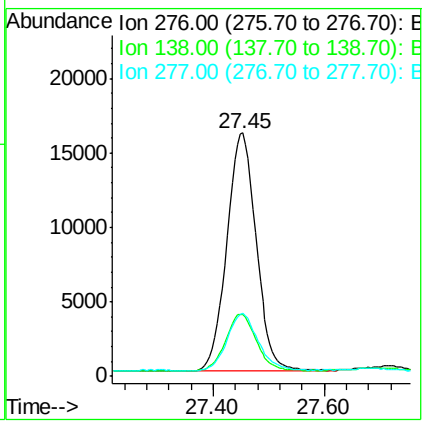




#26
Benzo(g,h,i)perylene
Concen: 1.958 ng/ul
RT: 27.45 min Scan# 4530
Delta R.T. -0.04 min
Lab File: BE094368.D
Acq: 14 Oct 2017 23:03

Tgt Ion:276 Resp: 58842

Ion	Ratio	Lower	Upper
276	100		
138	25.6	21.8	32.8
277	25.8	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
C0AC2

Manual Integrations APPROVED
Sohil
10/16/2017 8:25:24 PM