Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094238.D
Acq On : 10 Oct 2017 1:46
Operator : SJ/JU
Sample : I5522-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 10 11:02:32 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration

Instrument : BNA_E
ClientSampleId : C0AC0

Manual Integrations APPROVED
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10/10/2017 4:58:39 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2701	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	13857	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	8355	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.24	188	17588	0.40	ng/ul	-0.04
16) Chrysene-d12	21.41	240	16908	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	15834m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	5039	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	12031	0.21	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.74	128	7760	0.229	ng/ul#	93
5) 2-Methylnaphthalene	12.35	142	3869	0.176	ng/ul	97
7) Acenaphthylene	14.24	152	7783	0.239	ng/ul	99
8) Acenaphthene	14.57	153	13640	0.509	ng/ul	97
9) Fluorene	15.56	166	14031	0.447	ng/ul	93
12) Phenanthrene	17.29	178	298190	6.488	ng/ul#	92
13) Anthracene	17.38	178	74909	1.676	ng/ul#	91
15) Fluoranthene	19.30	202	672751	11.140	ng/ul	84
17) Pyrene	19.66	202	617673	13.130	ng/ul#	81
18) Benzo(a)anthracene	21.39	228	341874	7.622	ng/ul#	86
19) Chrysene	21.45	228	323548	6.246	ng/ul	98
21) Benzo(b)fluoranthene	23.15	252	420669m	9.780	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	156118m	3.140	ng/ul	
23) Benzo(a)pyrene	23.81	252	300979m	6.734	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.57	276	204352m	4.469	ng/ul	
25) Dibenzo(a,h)anthracene	26.58	278	54767m	1.428	ng/ul	
26) Benzo(g,h,i)perylene	27.40	276	164088m	4.161	ng/ul	

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

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BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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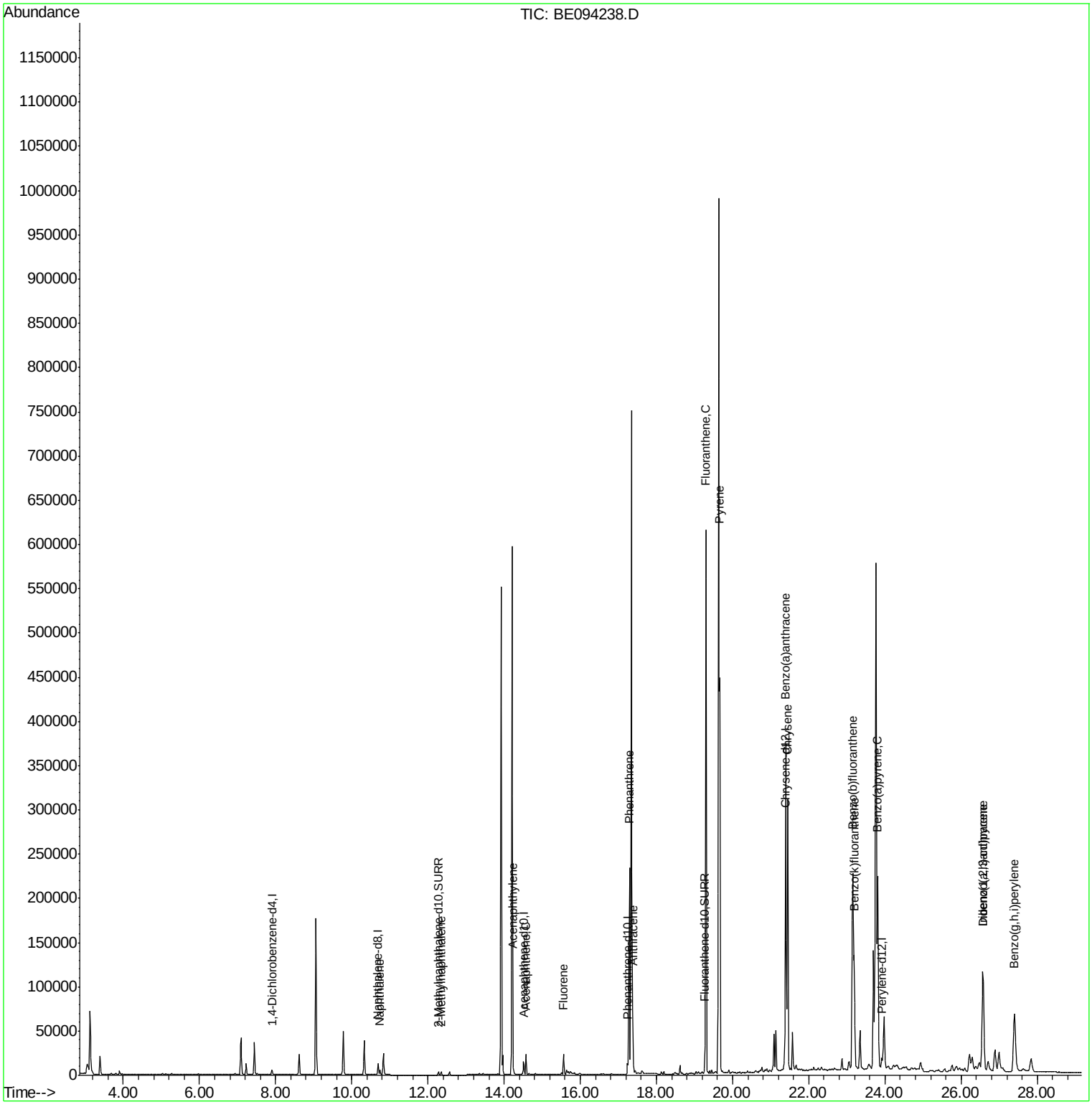

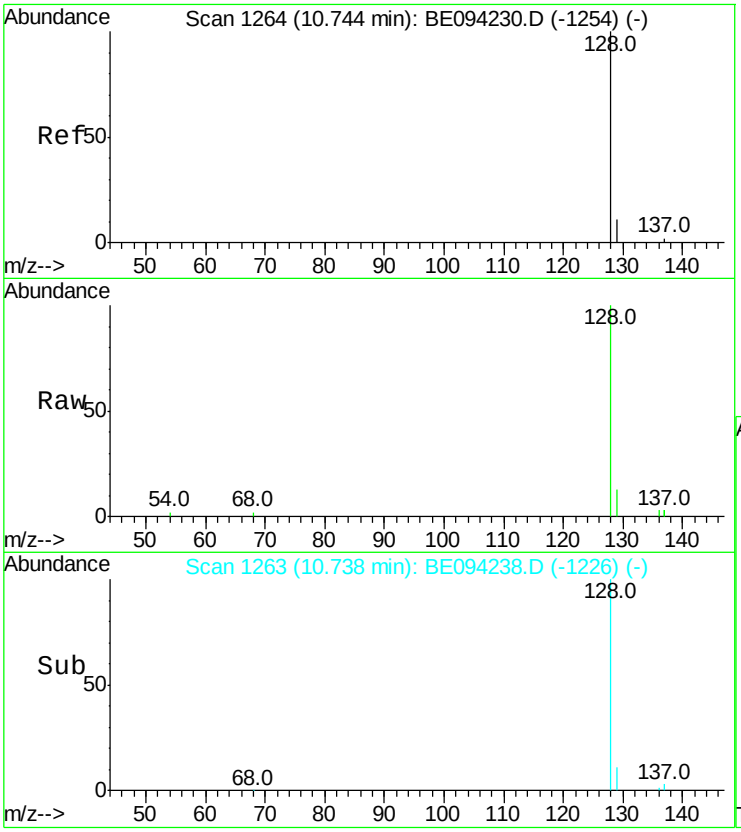

#3
Naphthalene
Concen: 0.229 ng/ul
RT: 10.74 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BE094238.D
Acq: 10 Oct 2017 1:46

Tgt Ion:128 Resp: 7760

Ion	Ratio	Lower	Upper
128	100		
129	12.7	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AC0

Manual Integrations APPROVED
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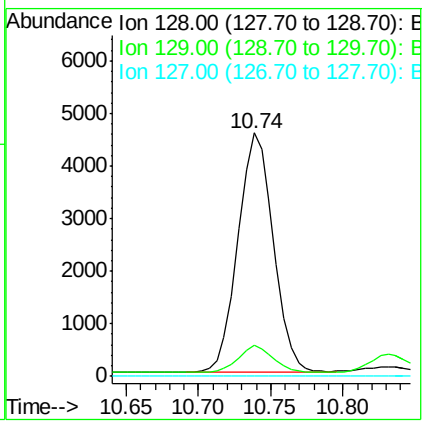
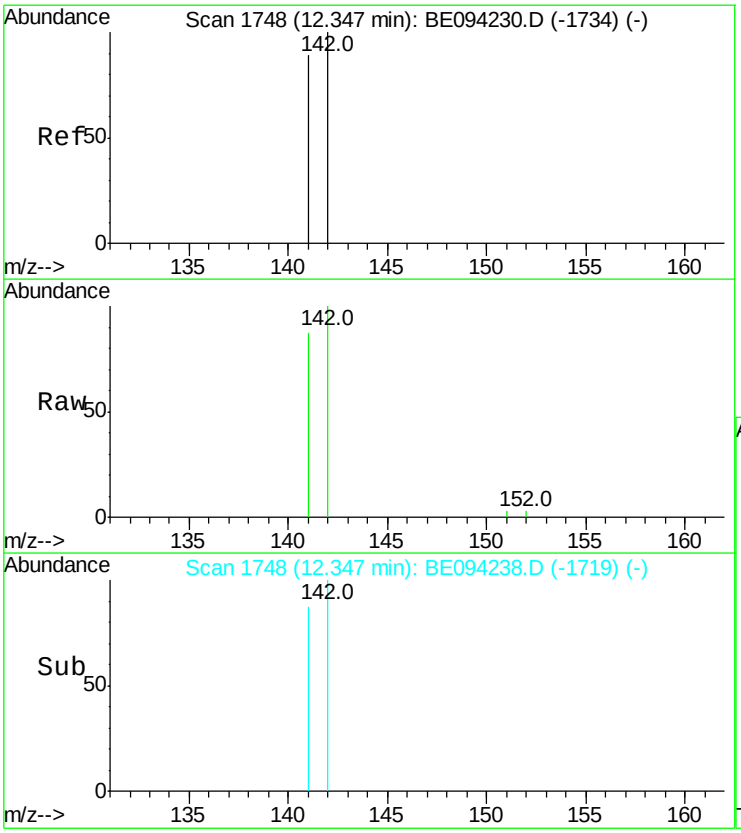
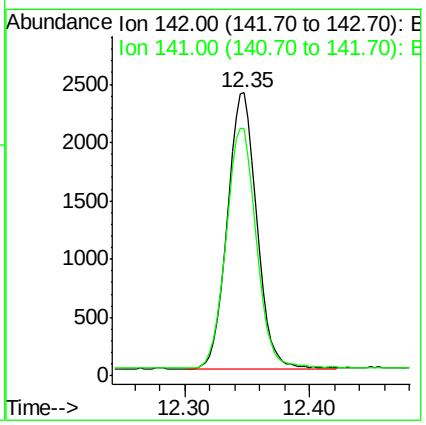


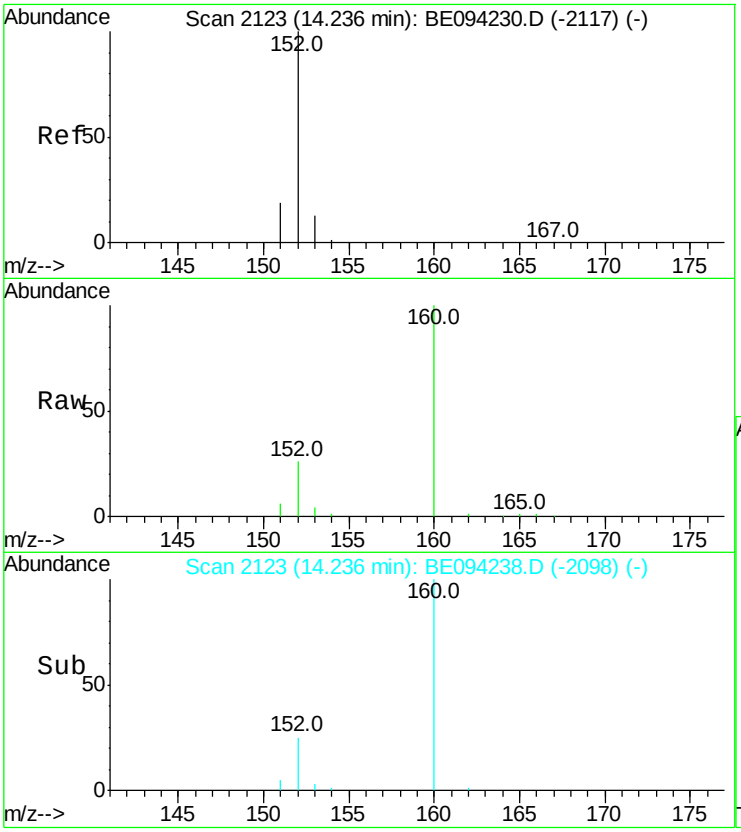


#5
2-Methylnaphthalene
Concen: 0.176 ng/ul
RT: 12.35 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BE094238.D
Acq: 10 Oct 2017 1:46

Tgt Ion:142 Resp: 3869

Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.6	108.8

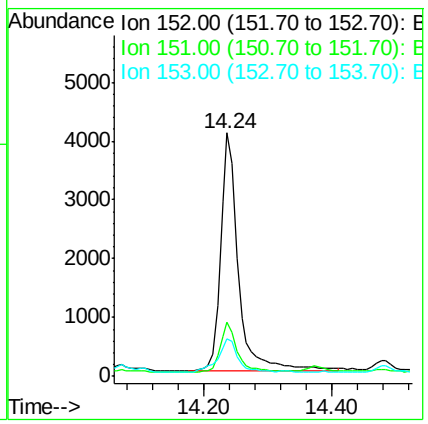




#7
Acenaphthylene
Concen: 0.239 ng/ul
RT: 14.24 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BE094238.D
Acq: 10 Oct 2017 1:46

Tgt Ion:152 Resp: 7783

Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.1	25.7
153	15.6	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
C0AC0

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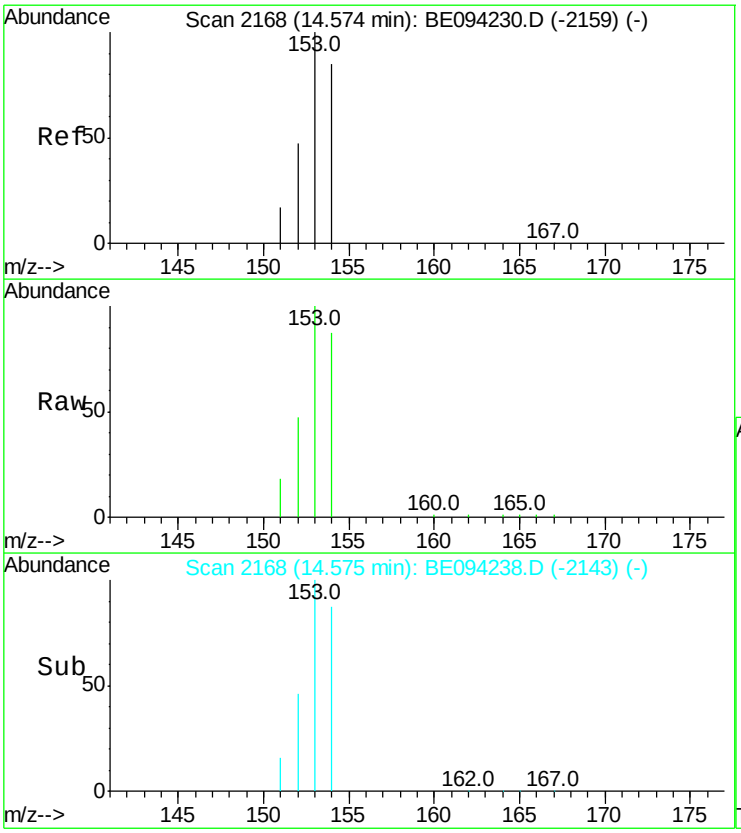
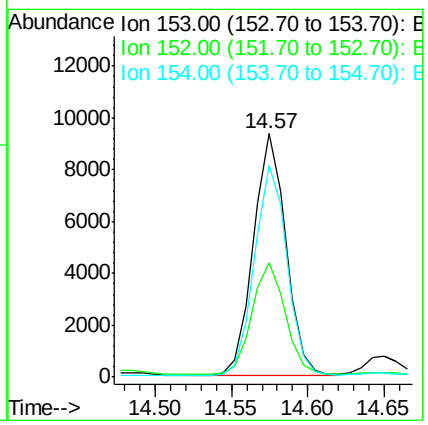
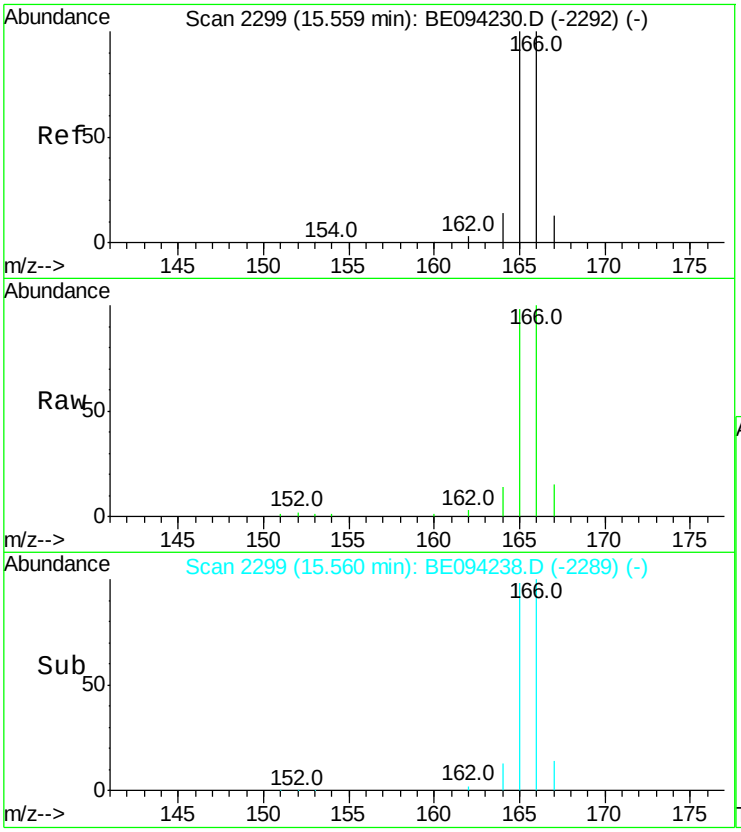


#8
Acenaphthene
Concen: 0.509 ng/ul
RT: 14.57 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BE094238.D
Acq: 10 Oct 2017 1:46

Tgt Ion:153 Resp: 13640

Ion	Ratio	Lower	Upper
153	100		
152	47.0	40.3	60.5
154	86.9	71.4	107.2

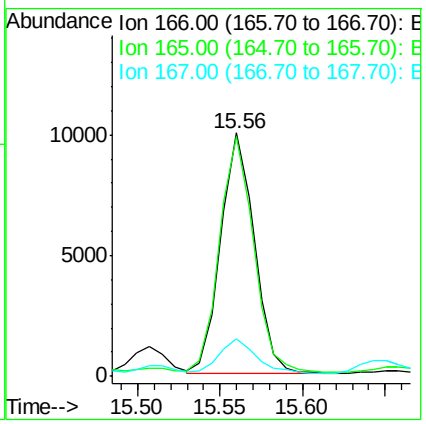




#9
Fluorene
Concen: 0.447 ng/ul
RT: 15.56 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BE094238.D
Acq: 10 Oct 2017 1:46

Tgt Ion:166 Resp: 14031

Ion	Ratio	Lower	Upper
166	100		
165	98.3	73.4	110.2
167	15.5	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
C0AC0

Manual Integrations APPROVED
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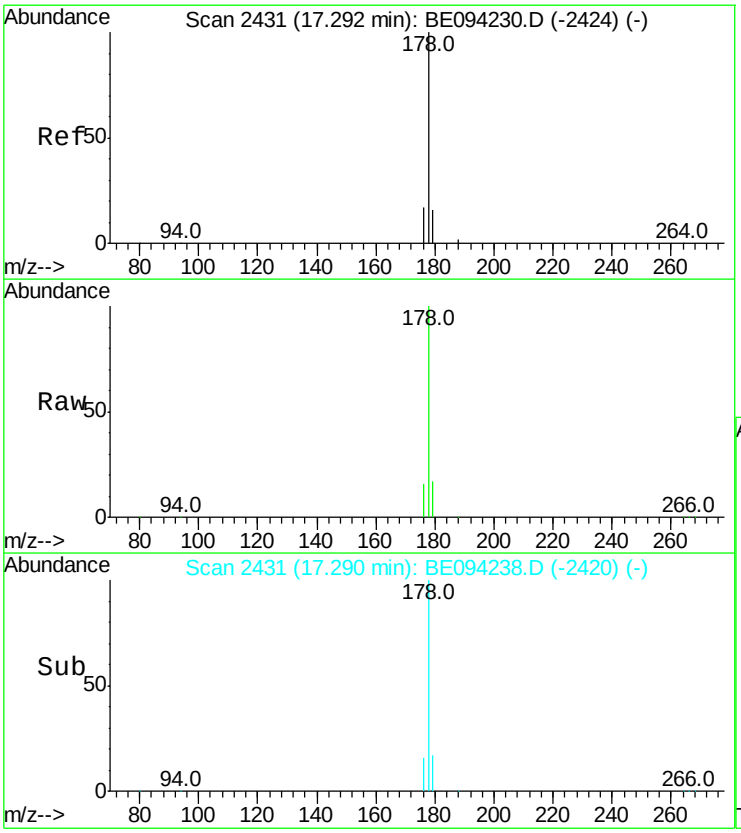
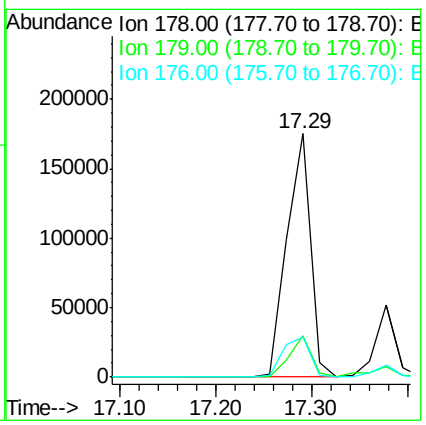
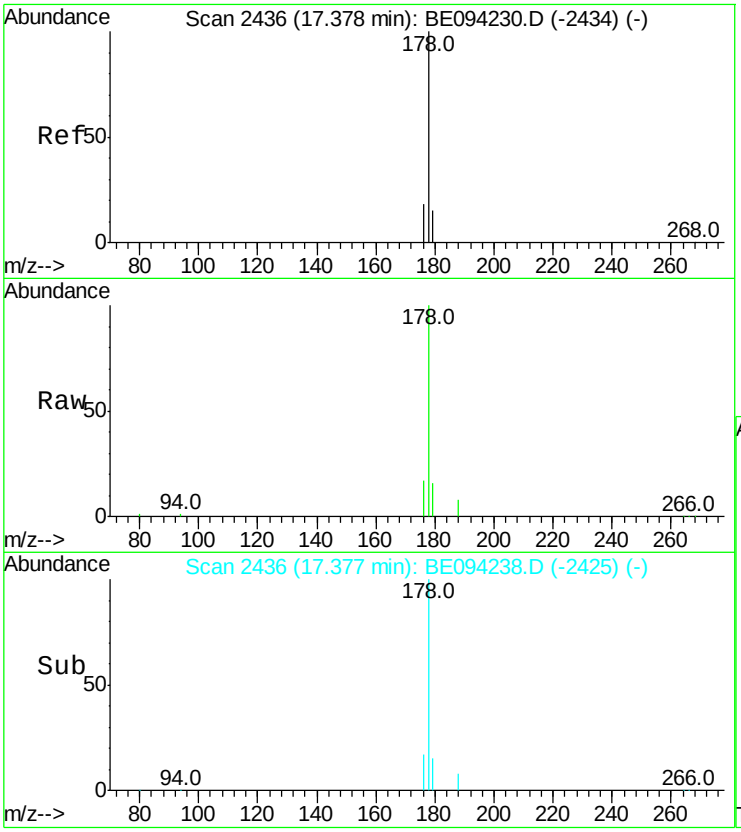


#12
Phenanthrene
Concen: 6.488 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094238.D
Acq: 10 Oct 2017 1:46

Tgt Ion:178 Resp: 298190

Ion	Ratio	Lower	Upper
178	100		
179	17.1	18.4	27.6#
176	16.3	13.6	20.4





#13
Anthracene
Concen: 1.676 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BE094238.D
Acq: 10 Oct 2017 1:46

Tgt Ion:178 Resp: 74909

Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.1	27.1#
176	17.5	14.7	22.1

Instrument :
BNA_E
ClientSampleId :
C0AC0

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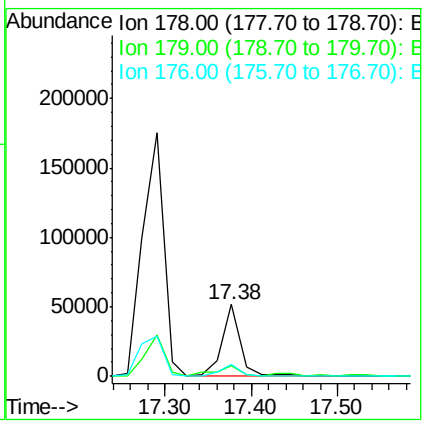
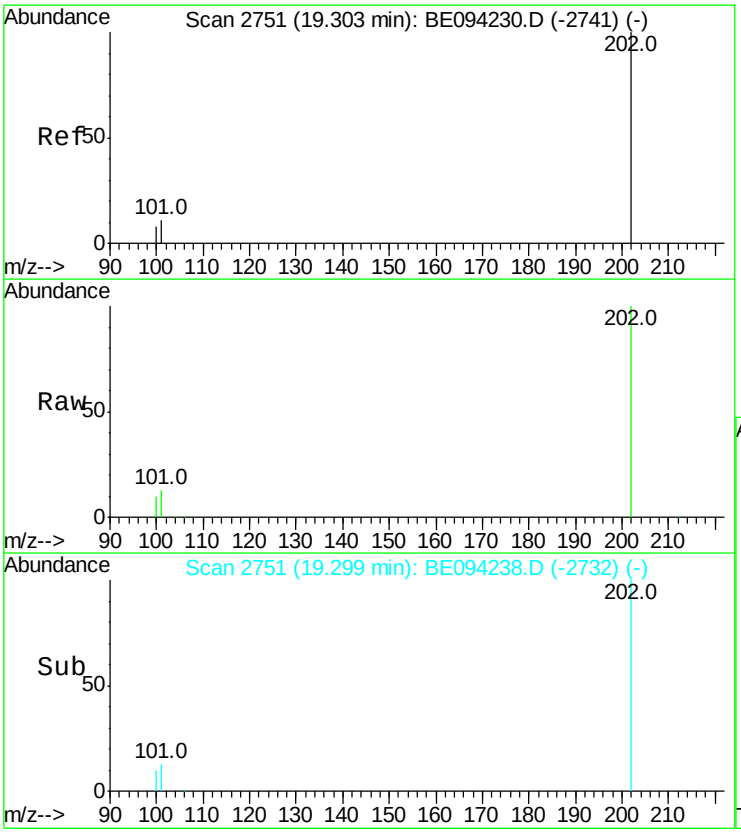
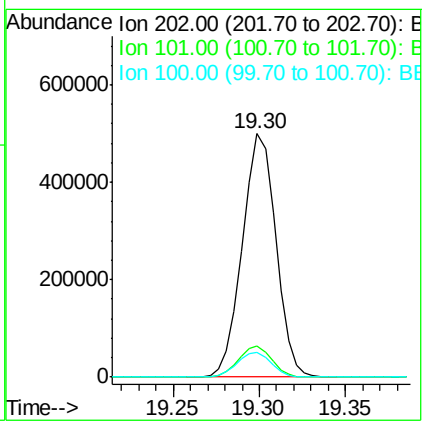


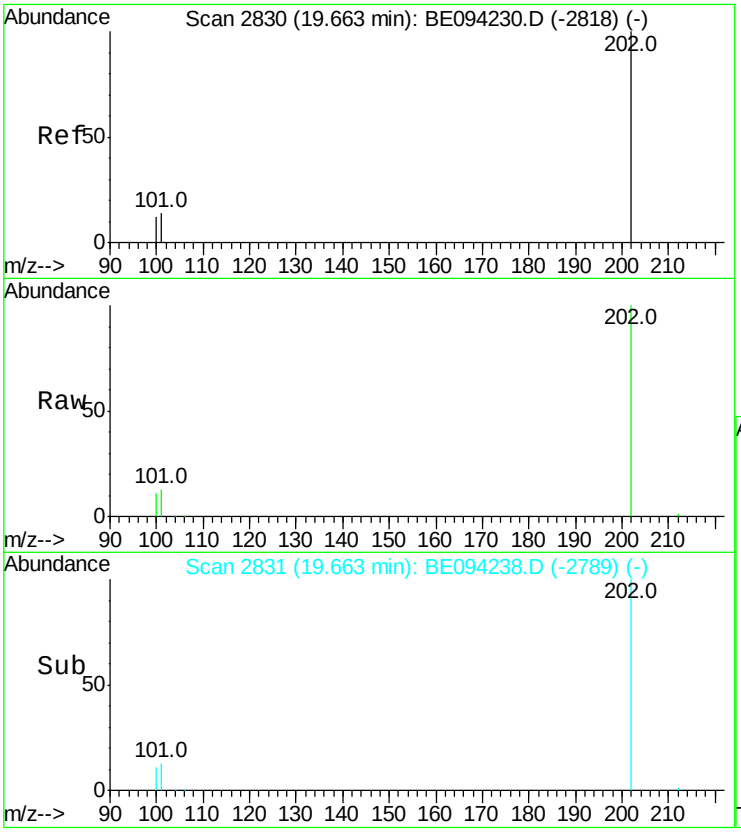


#15
Fluoranthene
Concen: 11.140 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. -0.01 min
Lab File: BE094238.D
Acq: 10 Oct 2017 1:46

Tgt Ion:202 Resp: 672751

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	30.3
100	10.3	0.0	39.5





#17
Pyrene
Concen: 13.130 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BE094238.D
Acq: 10 Oct 2017 1:46

Tgt Ion:202 Resp: 617673

Ion	Ratio	Lower	Upper
202	100		
101	13.3	18.2	27.4#
100	11.2	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AC0

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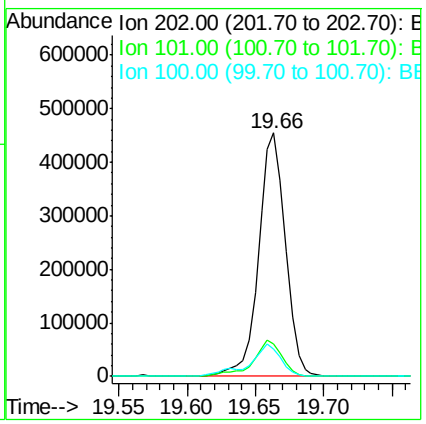
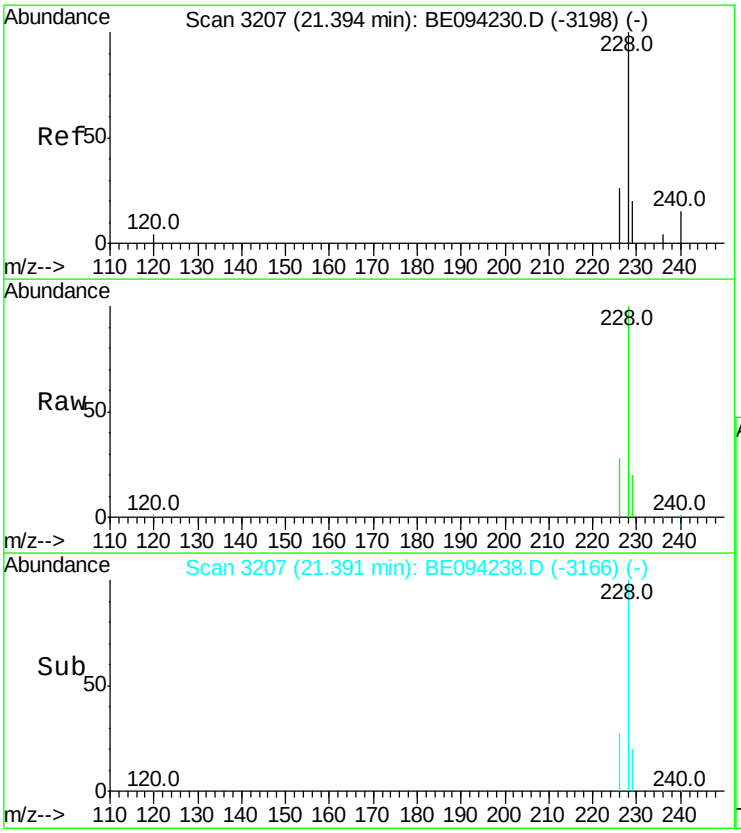
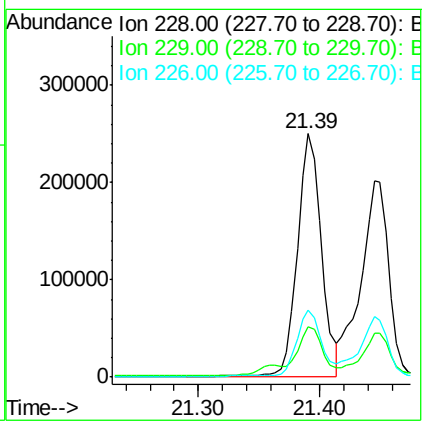


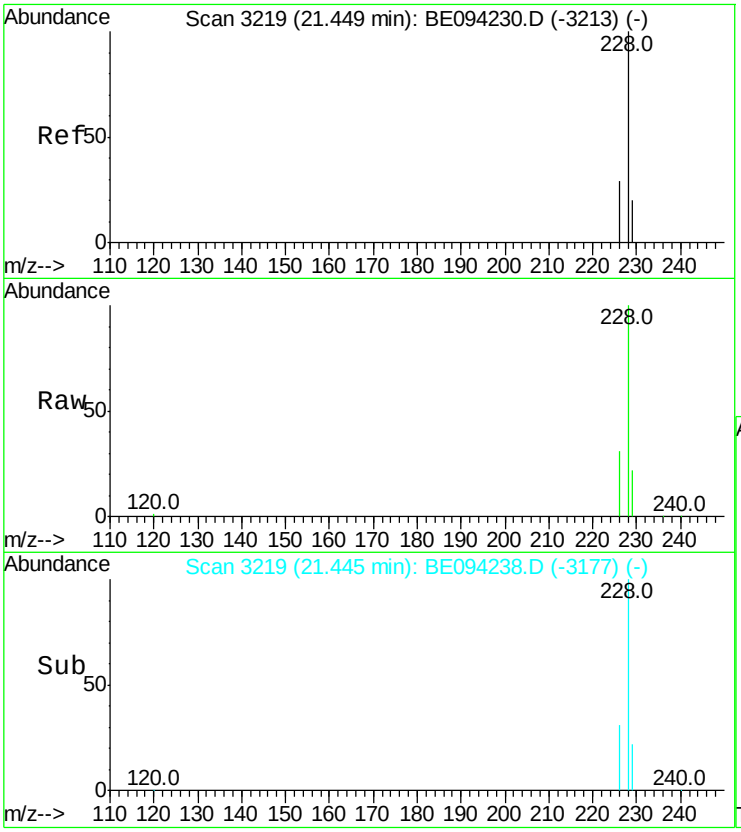


#18
Benzo(a)anthracene
Concen: 7.622 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BE094238.D
Acq: 10 Oct 2017 1:46

Tgt Ion:228 Resp: 341874

Ion	Ratio	Lower	Upper
228	100		
229	20.5	22.8	34.2#
226	27.6	17.0	25.6#

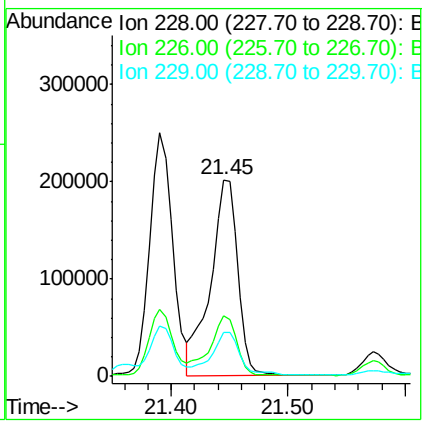




#19
Chrysene
Concen: 6.246 ng/ul
RT: 21.45 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BE094238.D
Acq: 10 Oct 2017 1:46

Tgt Ion:228 Resp: 323548

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.0
229	22.2	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
C0AC0

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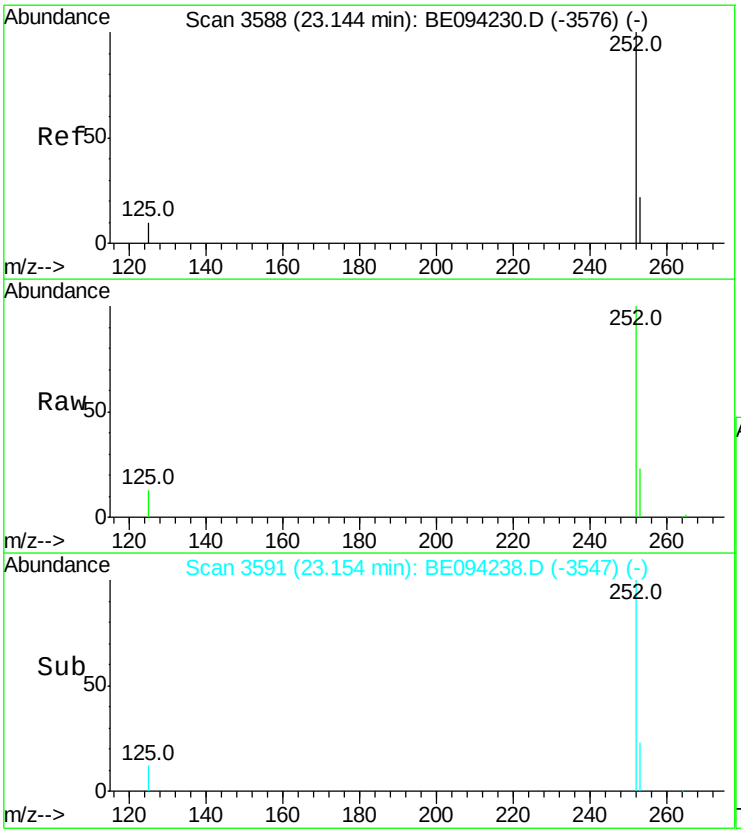
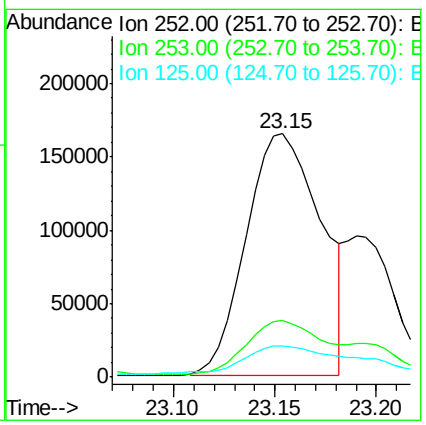
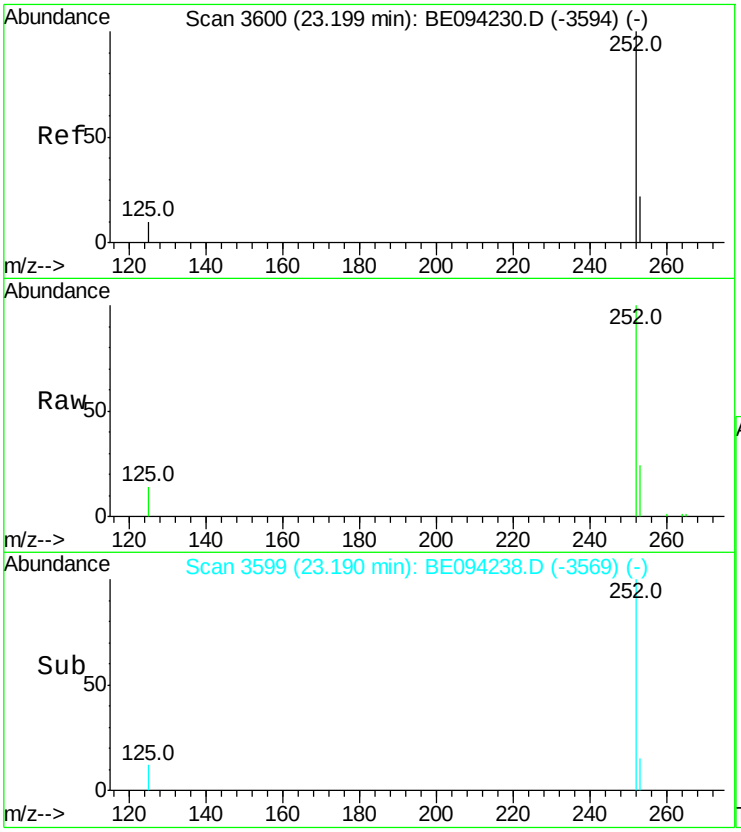


#21
Benzo(b)fluoranthene
Concen: 9.780 ng/ul m
RT: 23.15 min Scan# 3591
Delta R.T. 0.00 min
Lab File: BE094238.D
Acq: 10 Oct 2017 1:46

Tgt Ion:252 Resp: 420669

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	64.2
125	13.0	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 3.140 ng/ul m
RT: 23.19 min Scan# 3599
Delta R.T. -0.01 min
Lab File: BE094238.D
Acq: 10 Oct 2017 1:46

Tgt Ion:252 Resp: 156118

Ion	Ratio	Lower	Upper
252	100		
253	24.2	24.5	36.7#
125	13.9	13.7	20.5

Instrument :
BNA_E
ClientSampleId :
C0AC0

Manual Integrations APPROVED
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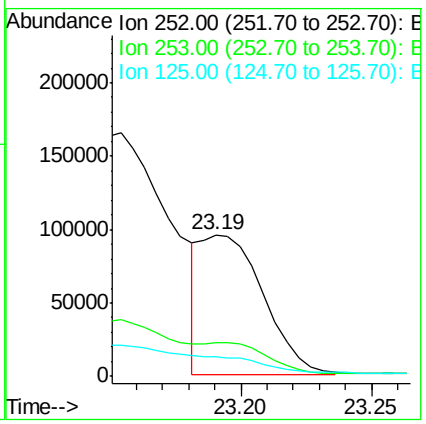
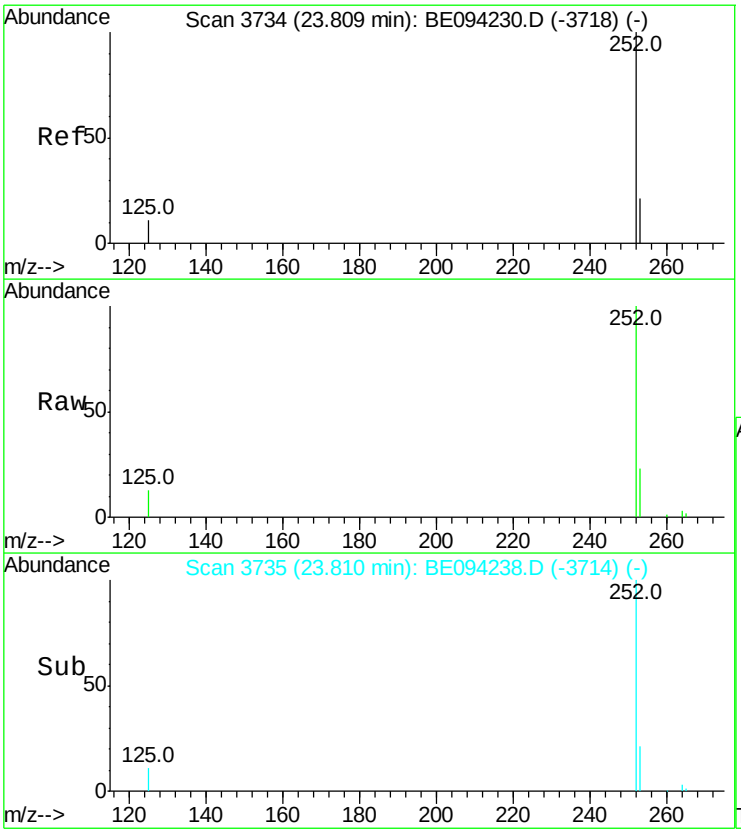
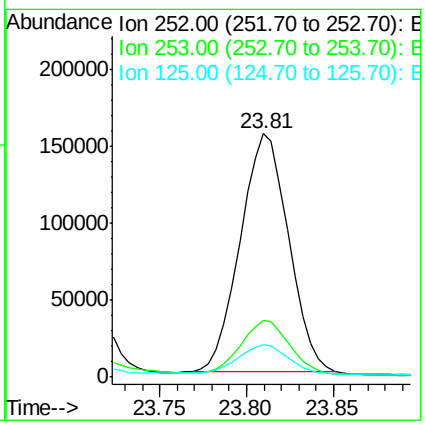


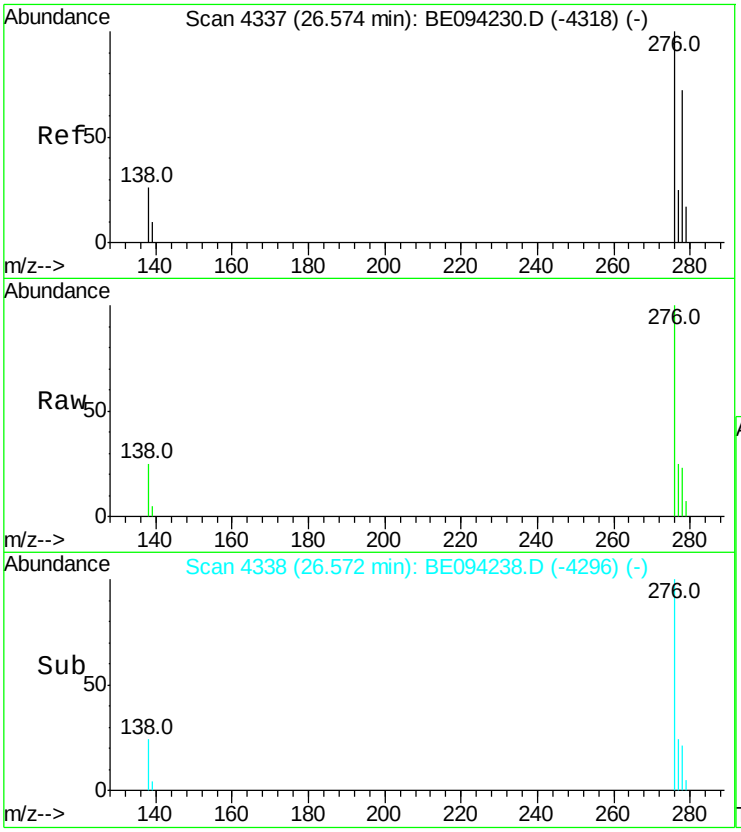


#23
Benzo(a)pyrene
Concen: 6.734 ng/ul m
RT: 23.81 min Scan# 3735
Delta R.T. -0.00 min
Lab File: BE094238.D
Acq: 10 Oct 2017 1:46

Tgt Ion:252 Resp: 300979

Ion	Ratio	Lower	Upper
252	100		
253	23.1	28.5	42.7#
125	13.4	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 4.469 ng/ul m
RT: 26.57 min Scan# 4338
Delta R.T. -0.01 min
Lab File: BE094238.D
Acq: 10 Oct 2017 1:46

Tgt Ion:276 Resp: 204352

Ion	Ratio	Lower	Upper
276	100		
138	0.8	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
C0AC0

Manual Integrations APPROVED
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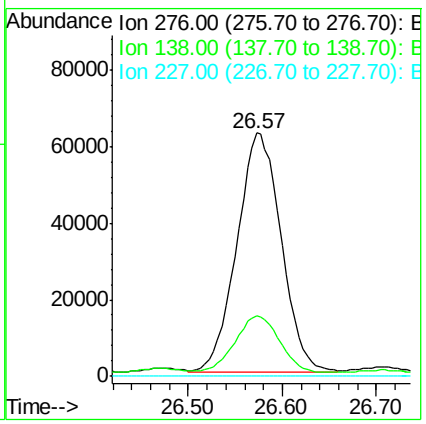
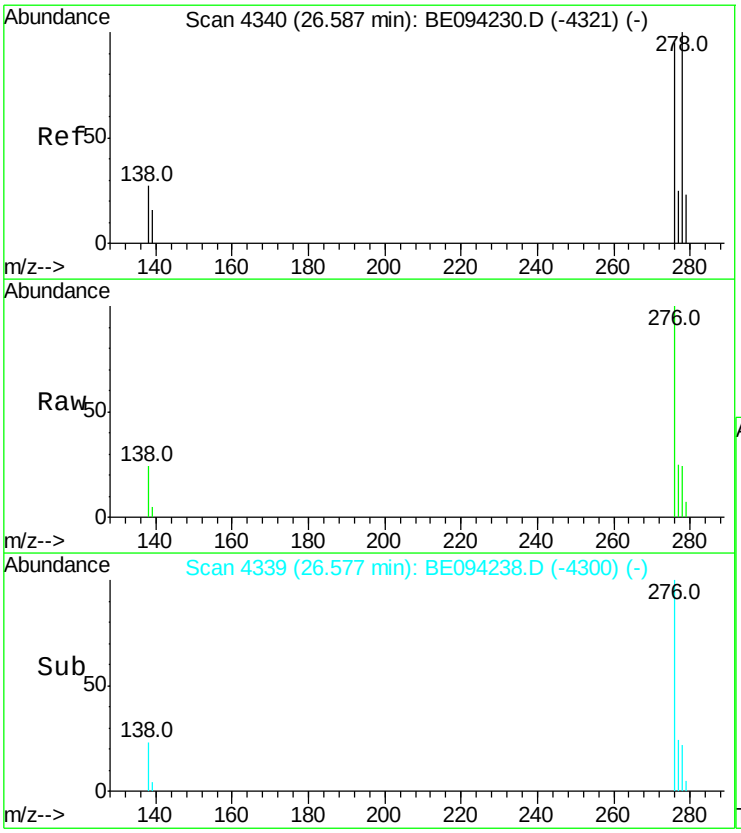
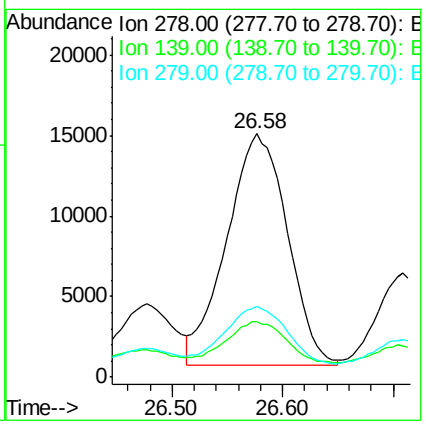


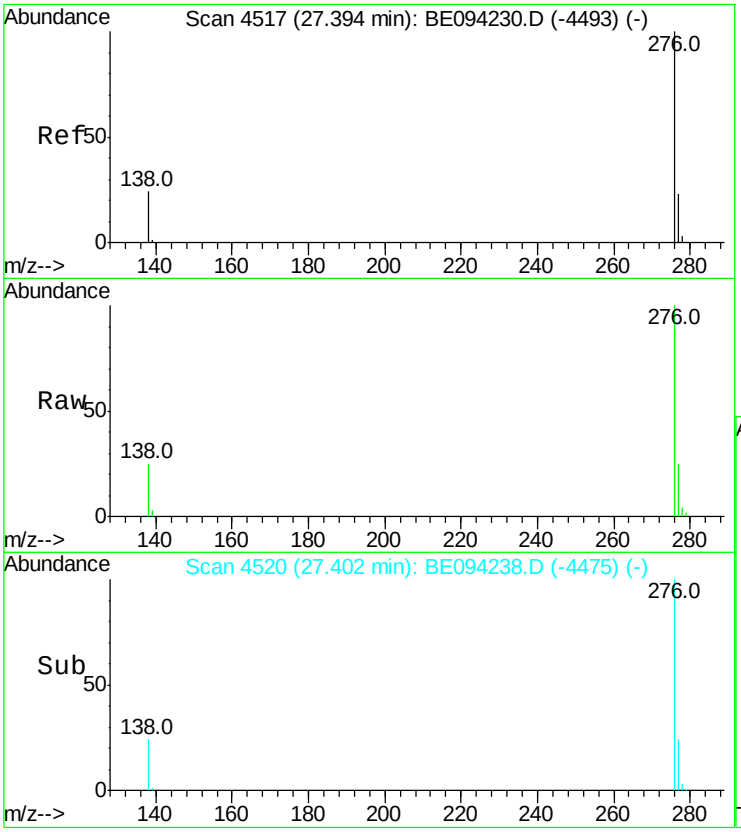


#25
Dibenzo(a,h)anthracene
Concen: 1.428 ng/ul m
RT: 26.58 min Scan# 4339
Delta R.T. -0.02 min
Lab File: BE094238.D
Acq: 10 Oct 2017 1:46

Tgt Ion:278 Resp: 54767

Ion	Ratio	Lower	Upper
278	100		
139	22.7	17.4	26.0
279	28.9	25.9	38.9

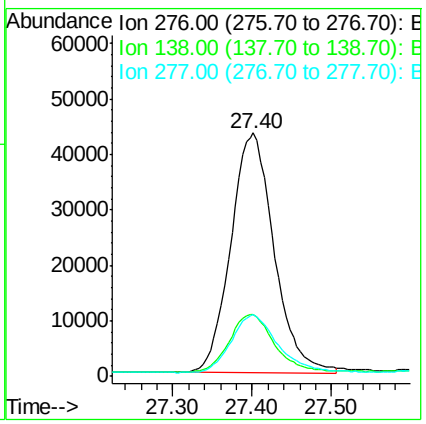




#26
Benzo(g,h,i)perylene
Concen: 4.161 ng/ul m
RT: 27.40 min Scan# 4520
Delta R.T. 0.00 min
Lab File: BE094238.D
Acq: 10 Oct 2017 1:46

Tgt Ion:276 Resp: 164088

Ion	Ratio	Lower	Upper
276	100		
138	25.5	21.8	32.8
277	25.1	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
C0AC0

Manual Integrations APPROVED
Sohil
10/10/2017 4:58:39 PM