Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
Data File : BE094260.D
Acq On : 10 Oct 2017 20:42
Operator : SJ/JU
Sample : I5522-16DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC1DL

Manual Integrations APPROVED
Sohil
10/11/2017 7:20:04 PM

Quant Time: Oct 11 07:46:32 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 07:23:41 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1848	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	9296	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5111	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	11011	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	11424	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	11138	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1093	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	2696	0.07	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	872	0.038	ng/ul#	80
5) 2-Methylnaphthalene	12.35	142	504	0.034	ng/ul	99
7) Acenaphthylene	14.24	152	1552	0.078	ng/ul#	93
8) Acenaphthene	14.57	153	1063	0.065	ng/ul	96
9) Fluorene	15.56	166	1455	0.076	ng/ul	91
12) Phenanthrene	17.29	178	40790	1.418	ng/ul#	93
13) Anthracene	17.38	178	10720	0.383	ng/ul#	94
15) Fluoranthene	19.30	202	121778	3.221	ng/ul	84
17) Pyrene	19.66	202	112436	3.537	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	67441	2.225	ng/ul#	86
19) Chrysene	21.44	228	67460	1.927	ng/ul	98
21) Benzo(b)fluoranthene	23.15	252	90752m	2.999	ng/ul	
22) Benzo(k)fluoranthene	23.20	252	31511m	0.901	ng/ul	
23) Benzo(a)pyrene	23.81	252	63719	2.027	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.57	276	40996	1.275	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.57	278	10582	0.392	ng/ul#	90
26) Benzo(g,h,i)perylene	27.40	276	30668	1.105	ng/ul	96

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

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Manual Integrations APPROVED
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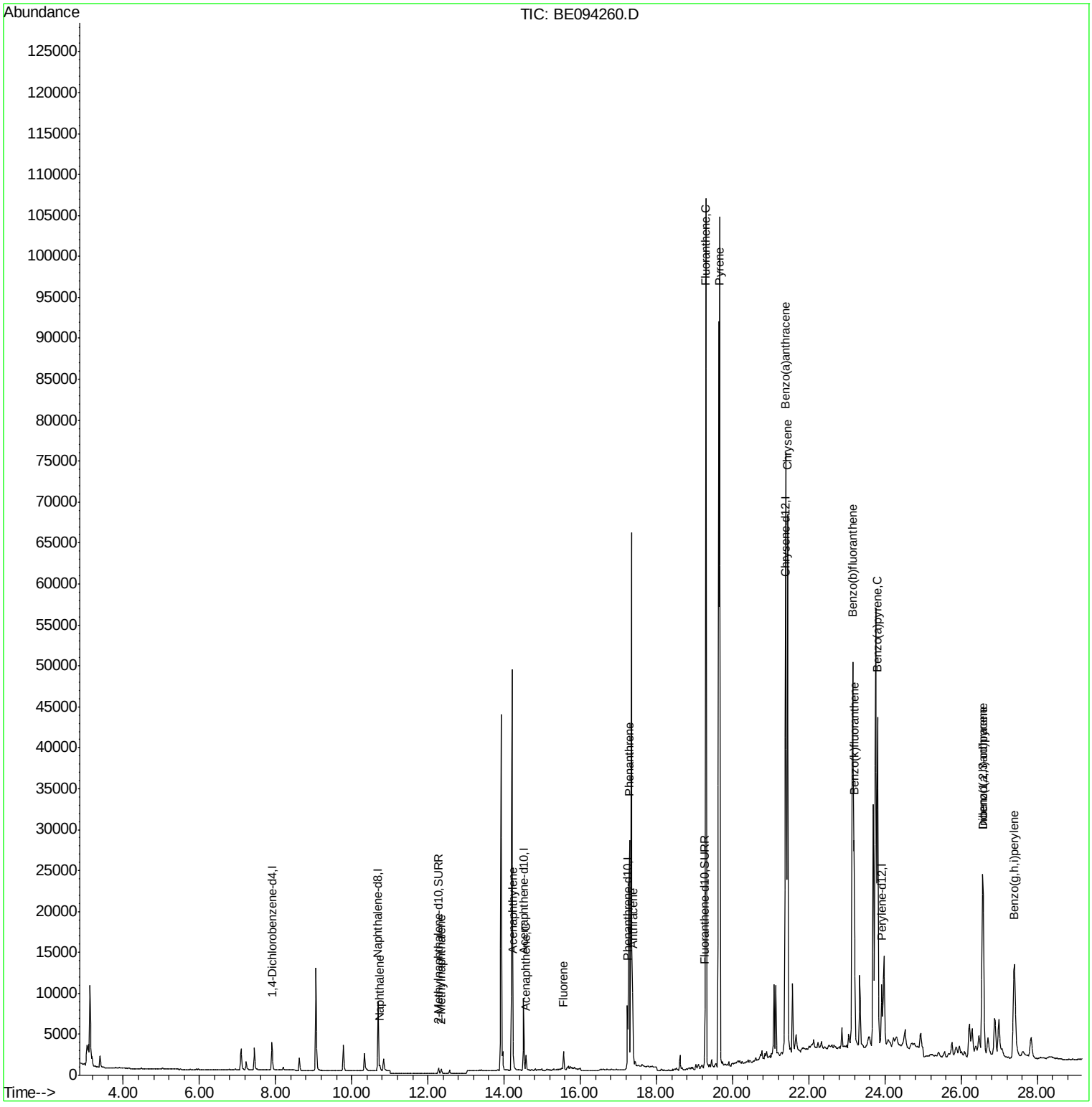
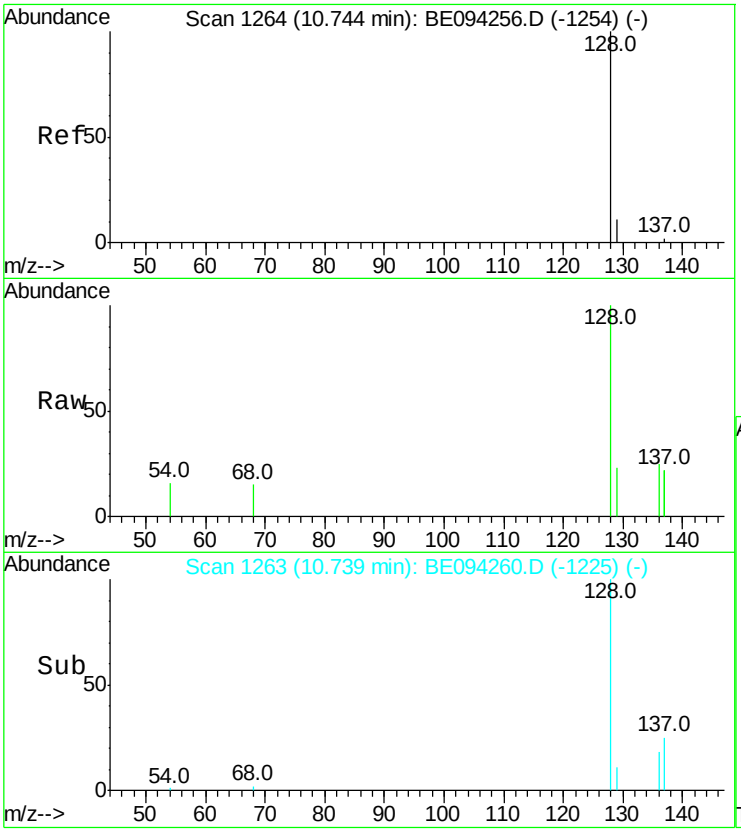
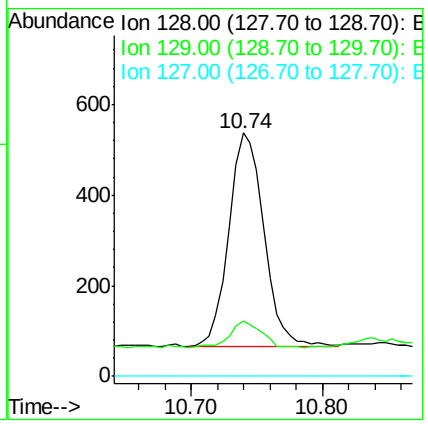




#3
Naphthalene
Concen: 0.038 ng/ul
RT: 10.74 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BE094260.D
Acq: 10 Oct 2017 20:42

Tgt Ion:128 Resp: 872

Ion	Ratio	Lower	Upper
128	100		
129	22.9	11.3	16.9#
127	0.0	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :
C0AC1DL

Manual Integrations APPROVED
Sohil
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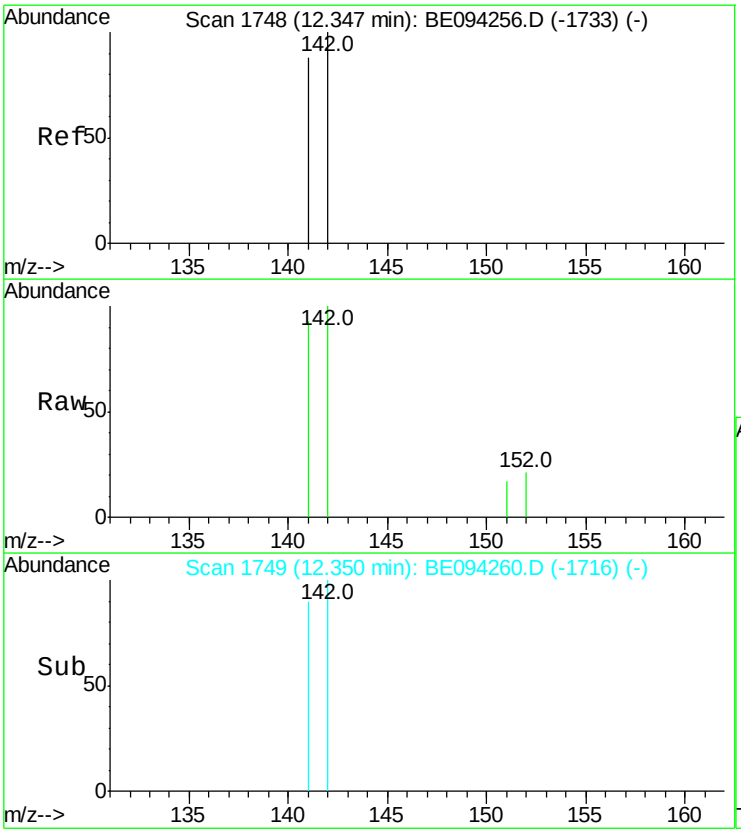
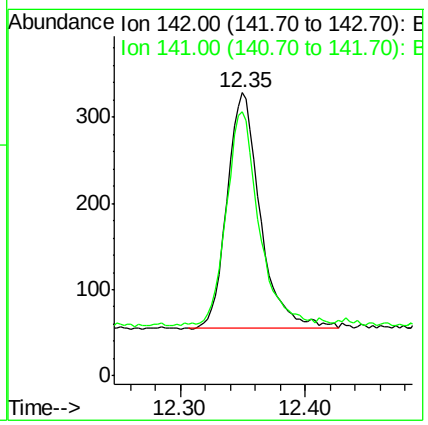
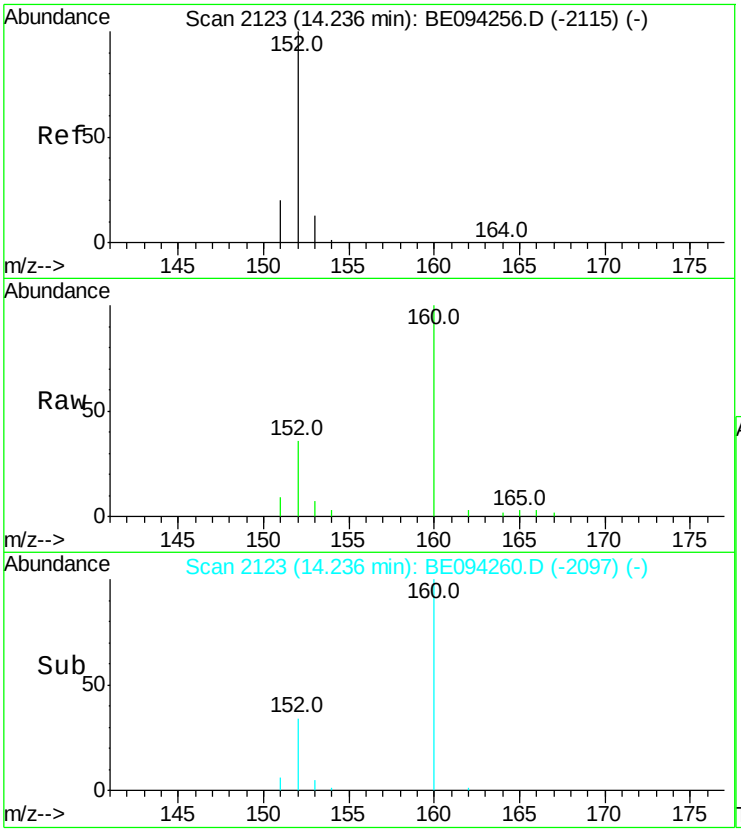


#5
2-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.35 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BE094260.D
Acq: 10 Oct 2017 20:42

Tgt Ion:142 Resp: 504

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.6	108.8

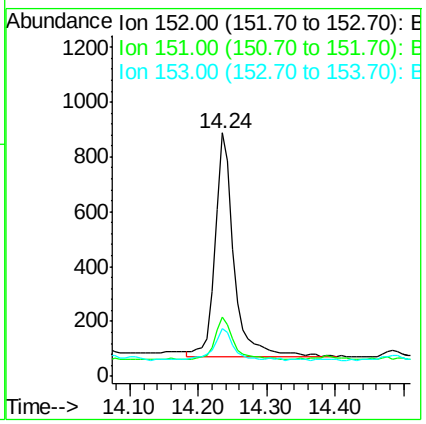




#7
Acenaphthylene
Concen: 0.078 ng/ul
RT: 14.24 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BE094260.D
Acq: 10 Oct 2017 20:42

Tgt Ion:152 Resp: 1552

Ion	Ratio	Lower	Upper
152	100		
151	24.3	17.1	25.7
153	19.5	12.8	19.2#



Instrument :
BNA_E
ClientSampleId :
C0AC1DL

Manual Integrations APPROVED
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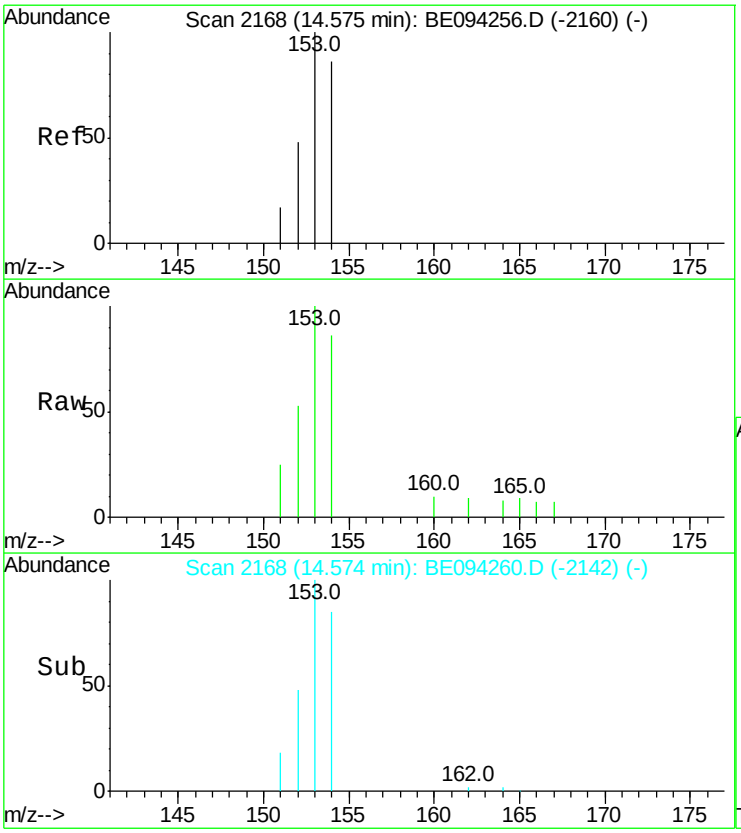
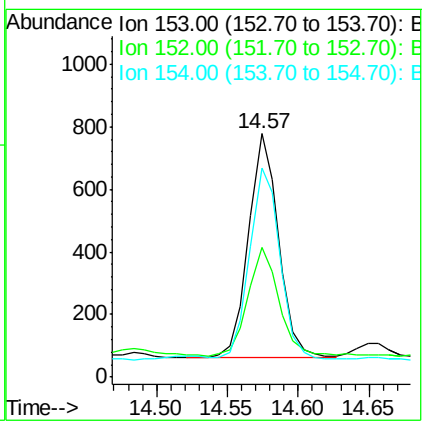
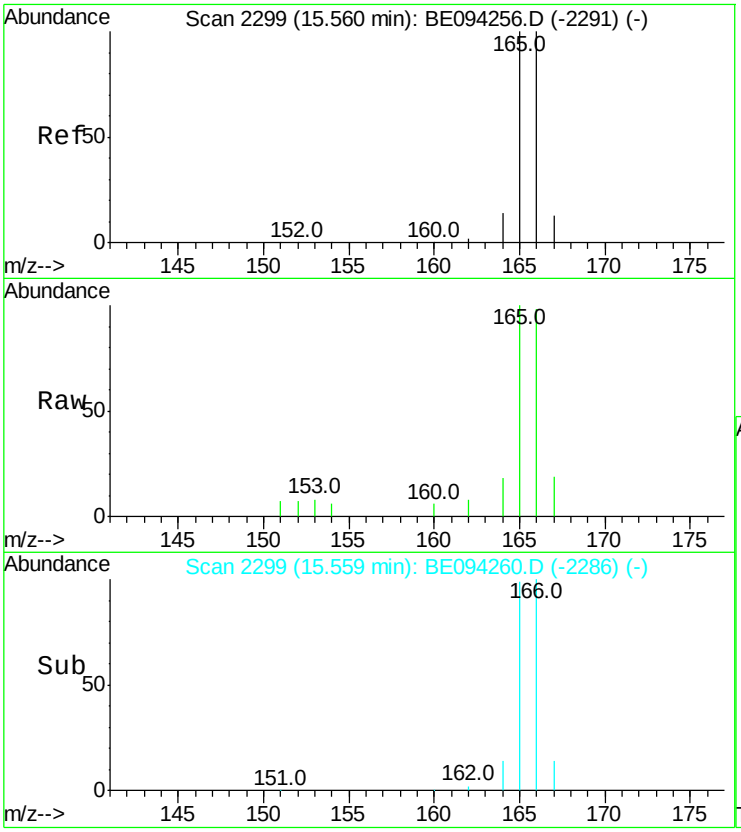


#8
Acenaphthene
Concen: 0.065 ng/ul
RT: 14.57 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BE094260.D
Acq: 10 Oct 2017 20:42

Tgt Ion:153 Resp: 1063

Ion	Ratio	Lower	Upper
153	100		
152	53.2	40.3	60.5
154	85.7	71.4	107.2

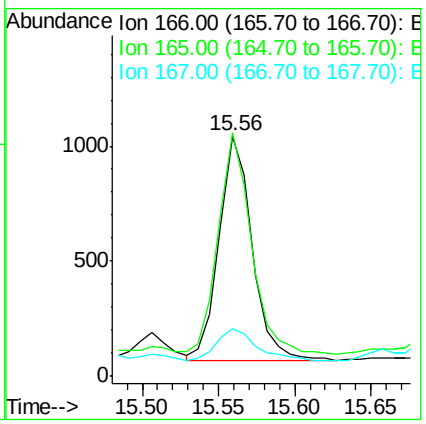




#9
Fluorene
Concen: 0.076 ng/ul
RT: 15.56 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BE094260.D
Acq: 10 Oct 2017 20:42

Tgt Ion:166 Resp: 1455

Ion	Ratio	Lower	Upper
166	100		
165	101.5	73.4	110.2
167	19.8	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
C0AC1DL

Manual Integrations APPROVED
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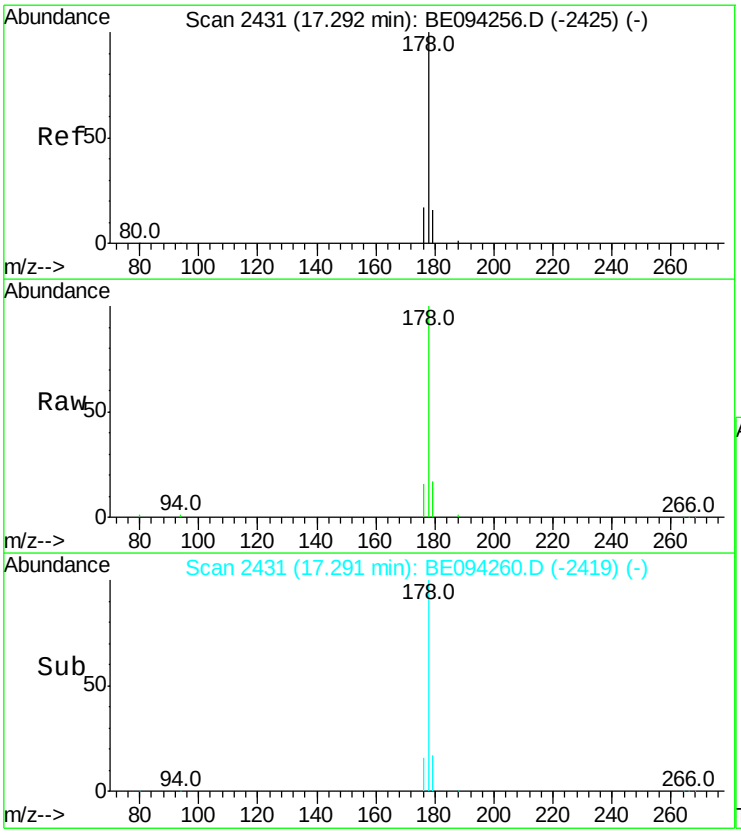
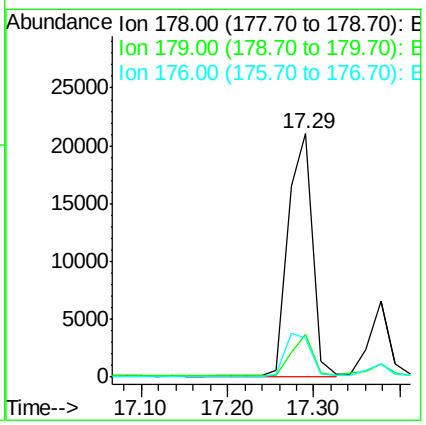
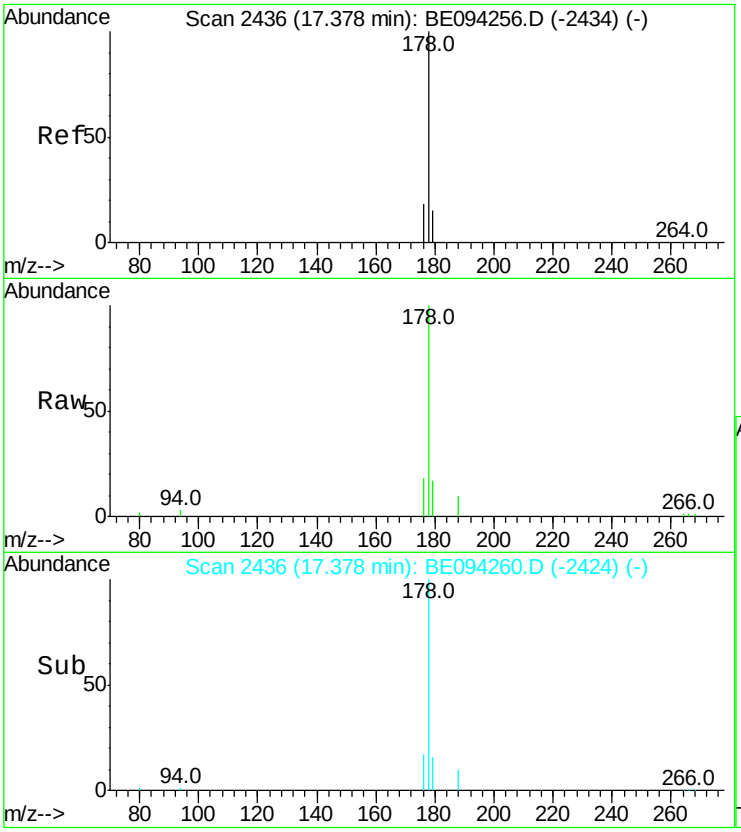


#12
Phenanthrene
Concen: 1.418 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BE094260.D
Acq: 10 Oct 2017 20:42

Tgt Ion:178 Resp: 40790

Ion	Ratio	Lower	Upper
178	100		
179	17.4	18.4	27.6#
176	16.2	13.6	20.4

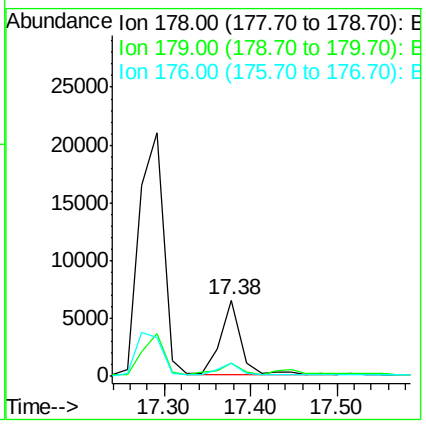




#13
Anthracene
Concen: 0.383 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BE094260.D
Acq: 10 Oct 2017 20:42

Tgt Ion:178 Resp: 10720

Ion	Ratio	Lower	Upper
178	100		
179	17.4	18.1	27.1#
176	17.9	14.7	22.1



Instrument :
BNA_E
ClientSampleId :
C0AC1DL

Manual Integrations APPROVED
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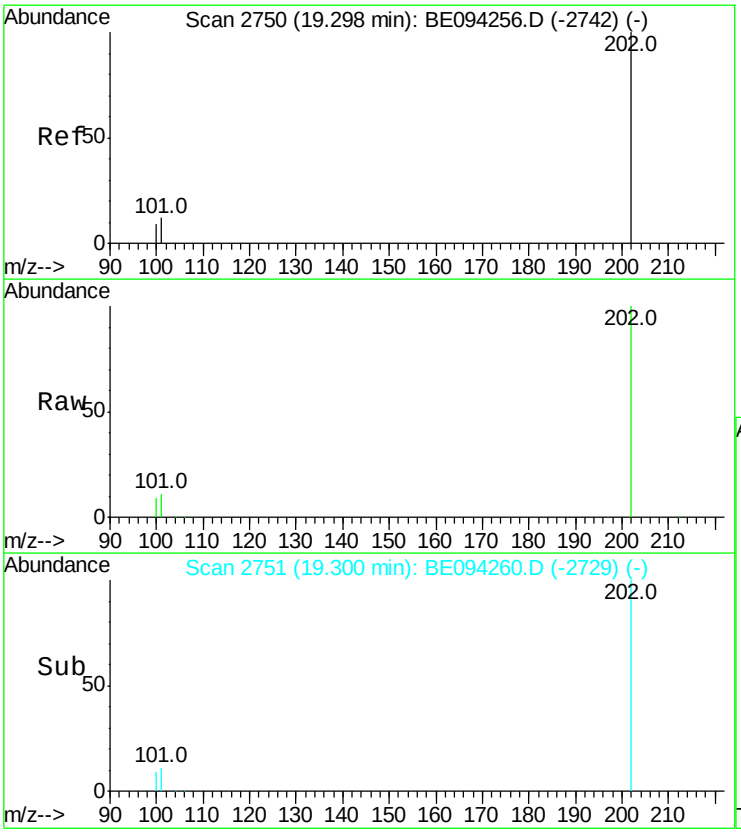
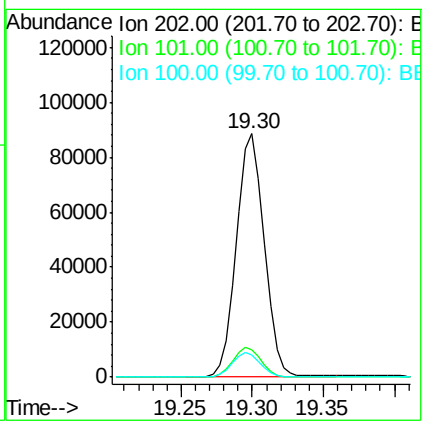
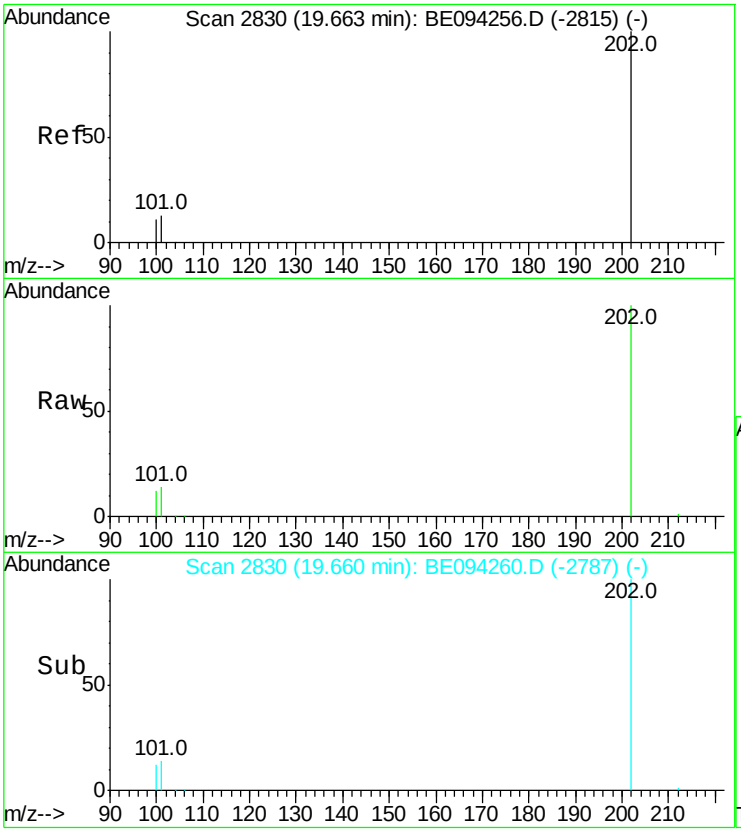


#15
Fluoranthene
Concen: 3.221 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. 0.00 min
Lab File: BE094260.D
Acq: 10 Oct 2017 20:42

Tgt Ion:202 Resp: 121778

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.3
100	8.9	0.0	39.5





#17
Pyrene
Concen: 3.537 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BE094260.D
Acq: 10 Oct 2017 20:42

Tgt Ion:202 Resp: 112436

Ion	Ratio	Lower	Upper
202	100		
101	14.4	18.2	27.4#
100	12.4	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AC1DL

Manual Integrations APPROVED
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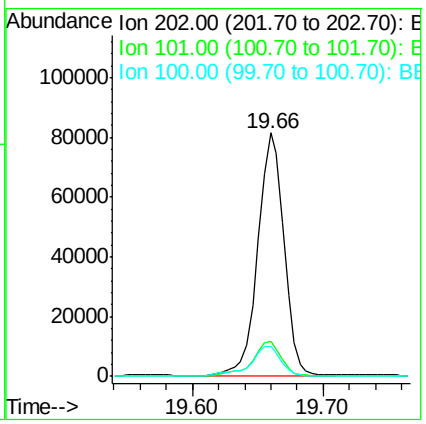
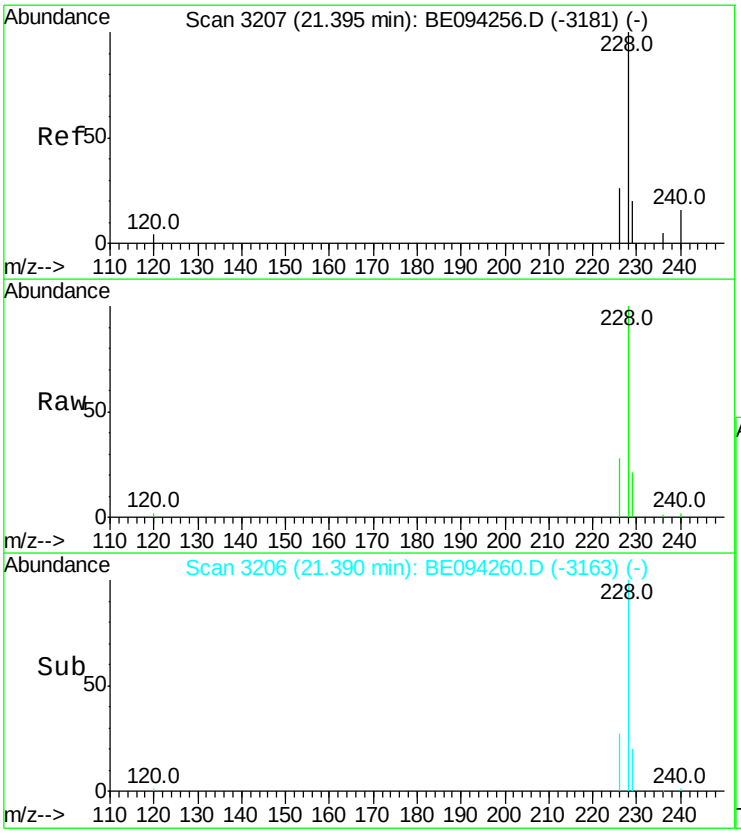
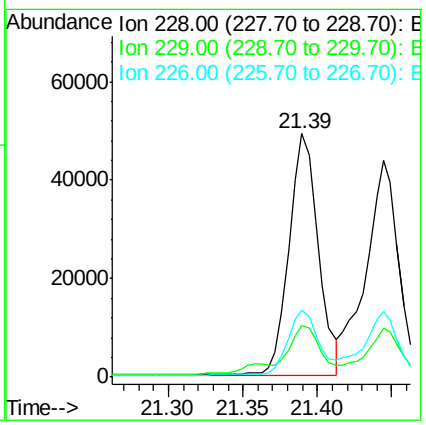


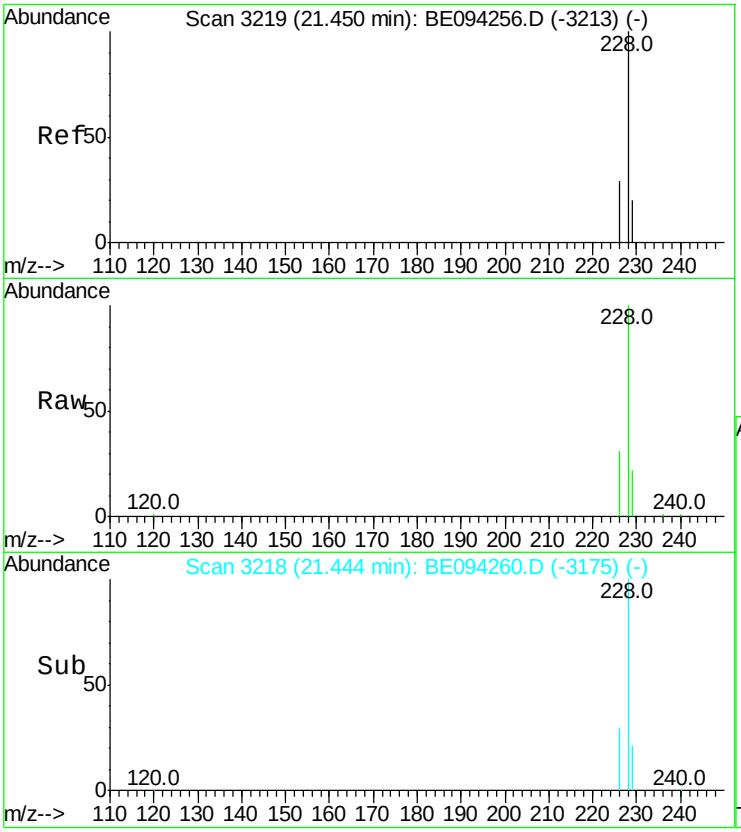


#18
Benzo(a)anthracene
Concen: 2.225 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BE094260.D
Acq: 10 Oct 2017 20:42

Tgt Ion:228 Resp: 67441

Ion	Ratio	Lower	Upper
228	100		
229	21.0	22.8	34.2#
226	27.7	17.0	25.6#

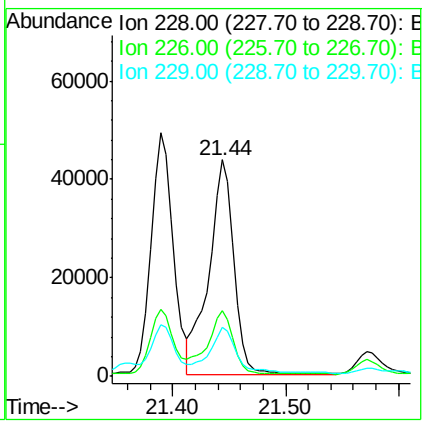




#19
Chrysene
Concen: 1.927 ng/ul
RT: 21.44 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BE094260.D
Acq: 10 Oct 2017 20:42

Tgt Ion:228 Resp: 67460

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.0
229	22.5	17.7	26.5



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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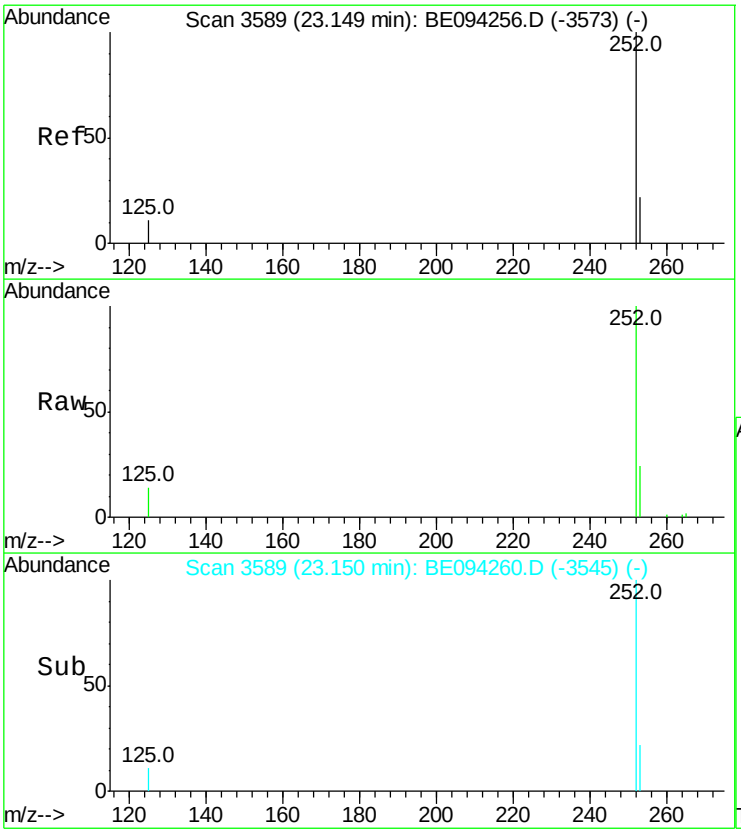
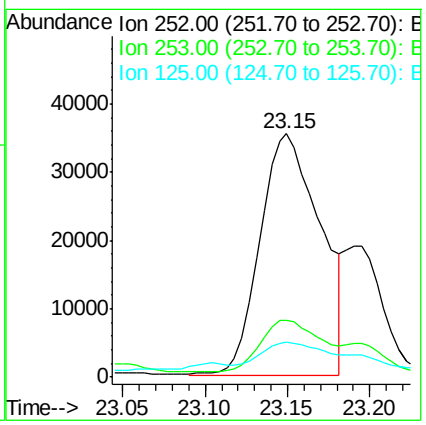
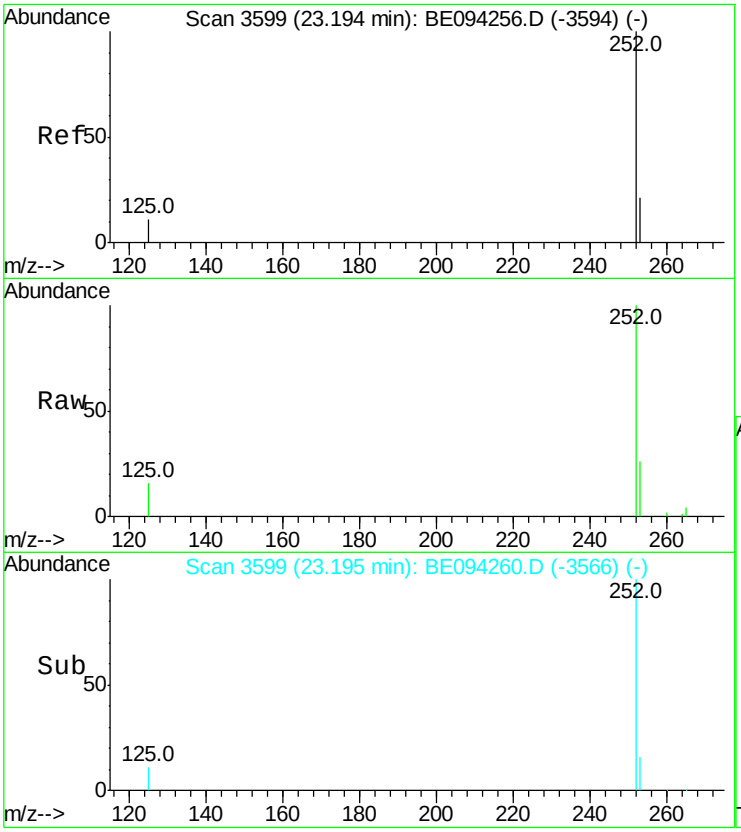


#21
Benzo(b)fluoranthene
Concen: 2.999 ng/ul m
RT: 23.15 min Scan# 3589
Delta R.T. 0.00 min
Lab File: BE094260.D
Acq: 10 Oct 2017 20:42

Tgt Ion:252 Resp: 90752

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	64.2
125	14.1	0.0	35.0

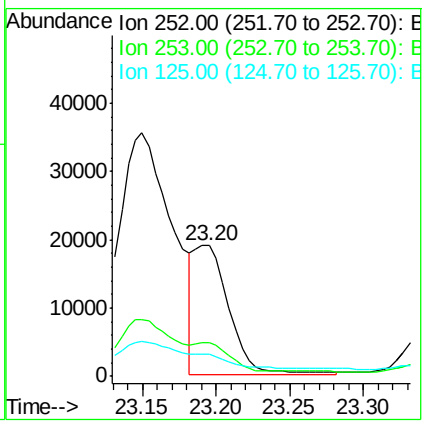




#22
Benzo(k)fluoranthene
Concen: 0.901 ng/ul m
RT: 23.20 min Scan# 3599
Delta R.T. 0.00 min
Lab File: BE094260.D
Acq: 10 Oct 2017 20:42

Tgt Ion:252 Resp: 31511

Ion	Ratio	Lower	Upper
252	100		
253	25.9	24.5	36.7
125	16.5	13.7	20.5



Instrument :
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ClientSampleId :
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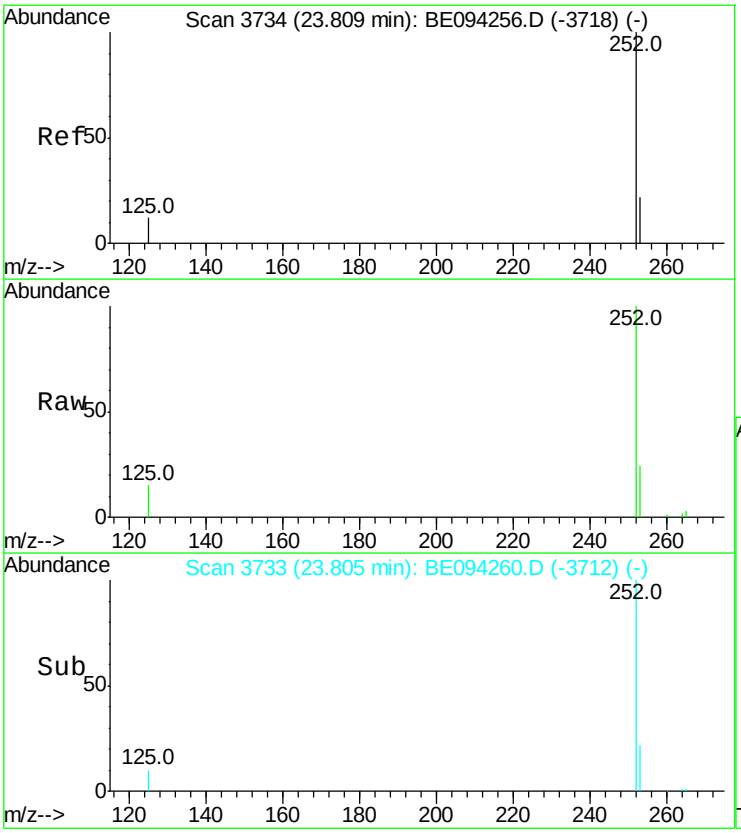
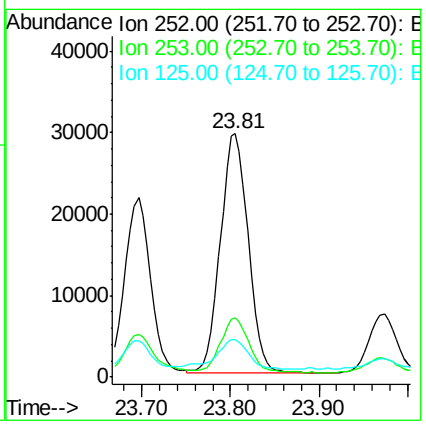
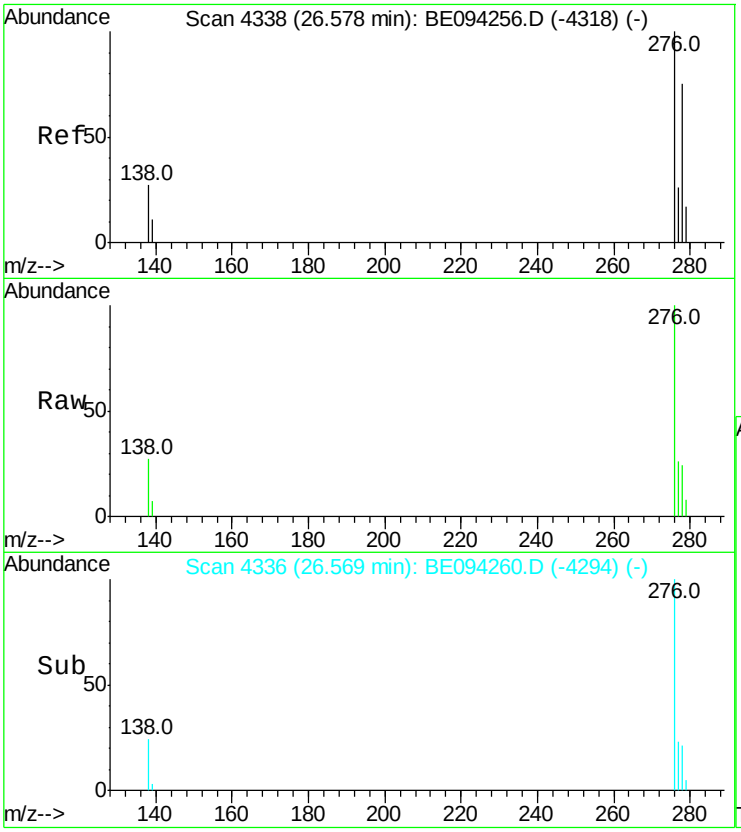


#23
Benzo(a)pyrene
Concen: 2.027 ng/ul
RT: 23.81 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BE094260.D
Acq: 10 Oct 2017 20:42

Tgt Ion:252 Resp: 63719

Ion	Ratio	Lower	Upper
252	100		
253	24.4	28.5	42.7#
125	15.4	18.1	27.1#





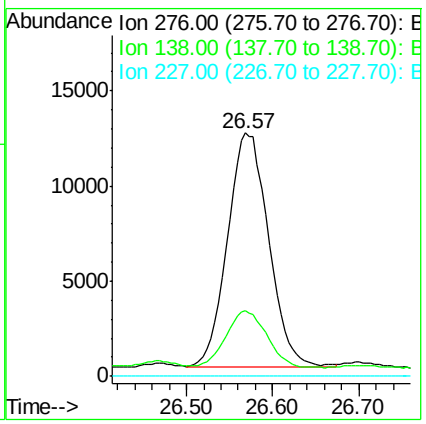
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.275 ng/ul
RT: 26.57 min Scan# 4336
Delta R.T. -0.01 min
Lab File: BE094260.D
Acq: 10 Oct 2017 20:42

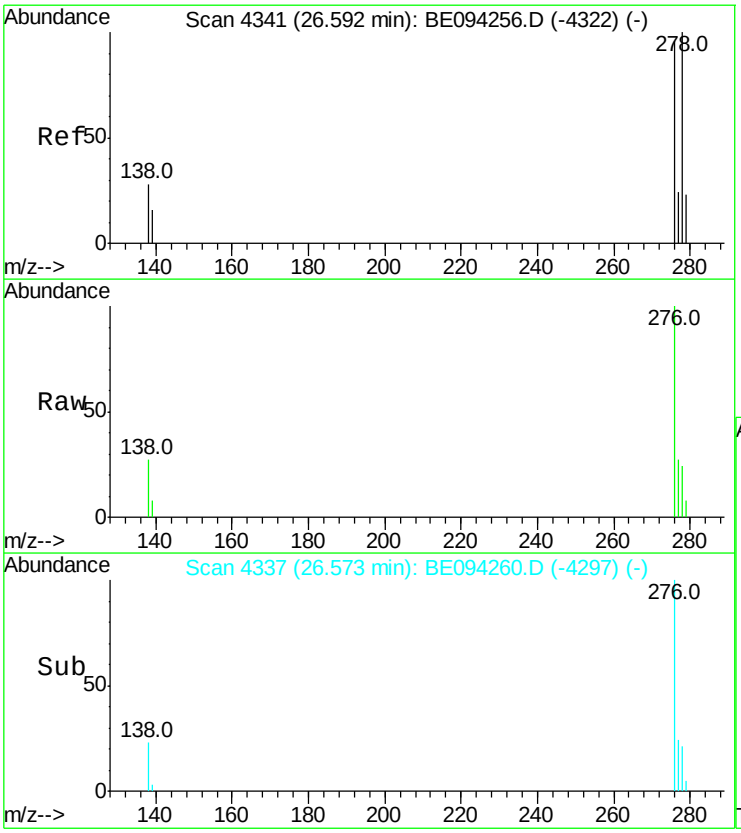
Tgt Ion:276 Resp: 40996

Ion	Ratio	Lower	Upper
276	100		
138	24.3	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
C0AC1DL

Manual Integrations APPROVED
Sohil
10/11/2017 7:20:04 PM

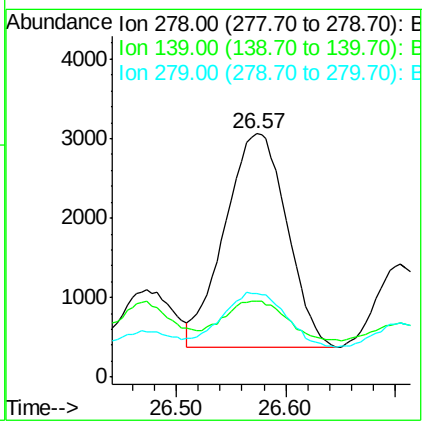


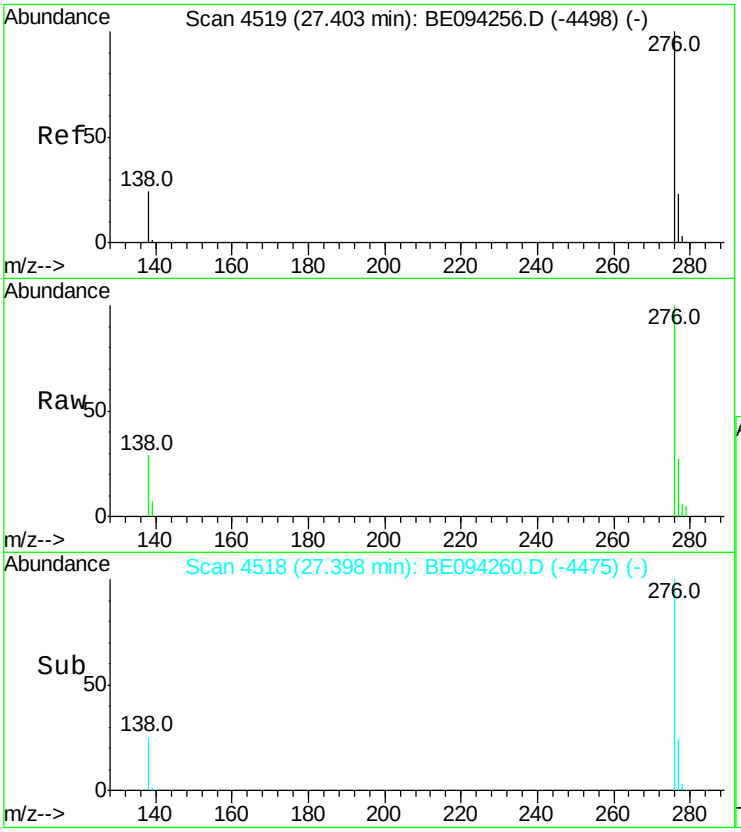


#25
Dibenzo(a,h)anthracene
Concen: 0.392 ng/ul
RT: 26.57 min Scan# 4337
Delta R.T. -0.02 min
Lab File: BE094260.D
Acq: 10 Oct 2017 20:42

Tgt Ion:278 Resp: 10582

Ion	Ratio	Lower	Upper
278	100		
139	31.1	17.4	26.0#
279	34.5	25.9	38.9

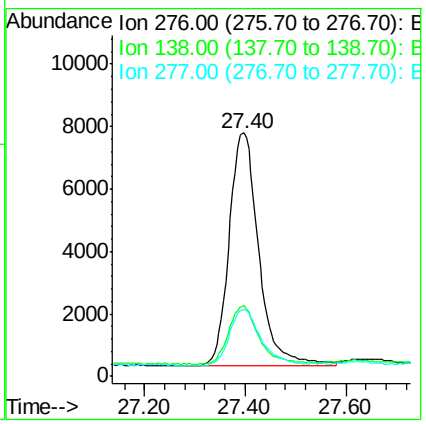




#26
Benzo(g,h,i)perylene
Concen: 1.105 ng/ul
RT: 27.40 min Scan# 4518
Delta R.T. -0.01 min
Lab File: BE094260.D
Acq: 10 Oct 2017 20:42

Tgt Ion:276 Resp: 30668

Ion	Ratio	Lower	Upper
276	100		
138	29.3	21.8	32.8
277	27.3	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
C0AC1DL

Manual Integrations APPROVED
Sohil
10/11/2017 7:20:04 PM