Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
Data File : BE094845.D
Acq On : 22 Nov 2017 23:02
Operator : SJ/JU
Sample : I6496-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB5

Manual Integrations APPROVED
Sohil
11/27/2017 3:25:58 PM

Quant Time: Nov 23 03:12:20 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 23 02:50:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	780	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.68	136	5396	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.50	164	3747	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	8829	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	8926	0.40	ng/ul	-0.01
20) Perylene-d12	23.95	264	9713	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1716	0.20	ng/ul	-0.02
14) Fluoranthene-d10	19.27	212	5307	0.17	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.72	128	1287	0.100	ng/ul#	90
5) 2-Methylnaphthalene	12.36	142	889	0.099	ng/ul	99
7) Acenaphthylene	14.23	152	1821	0.106	ng/ul#	91
8) Acenaphthene	14.56	153	404	0.033	ng/ul#	91
9) Fluorene	15.55	166	735	0.050	ng/ul#	86
12) Phenanthrene	17.27	178	18846m	0.795	ng/ul	
13) Anthracene	17.38	178	3631	0.150	ng/ul	95
15) Fluoranthene	19.30	202	60890	1.957	ng/ul	82
17) Pyrene	19.66	202	52389	1.876	ng/ul#	78
18) Benzo(a)anthracene	21.40	228	31090	1.146	ng/ul#	88
19) Chrysene	21.45	228	35133	1.297	ng/ul	100
21) Benzo(b)fluoranthene	23.17	252	50301m	1.738	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	16992m	0.552	ng/ul	
23) Benzo(a)pyrene	23.83	252	31119	1.081	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.64	276	23418	0.747	ng/ul#	72
25) Dibenzo(a,h)anthracene	26.64	278	5951	0.225	ng/ul#	93
26) Benzo(g,h,i)perylene	27.48	276	18249	0.694	ng/ul	96

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

Quantitation Report (QT Reviewed)

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Acq On : 22 Nov 2017 23:02
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Sample : I6496-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 23 03:12:20 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 23 02:50:08 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AB5

Manual Integrations APPROVED
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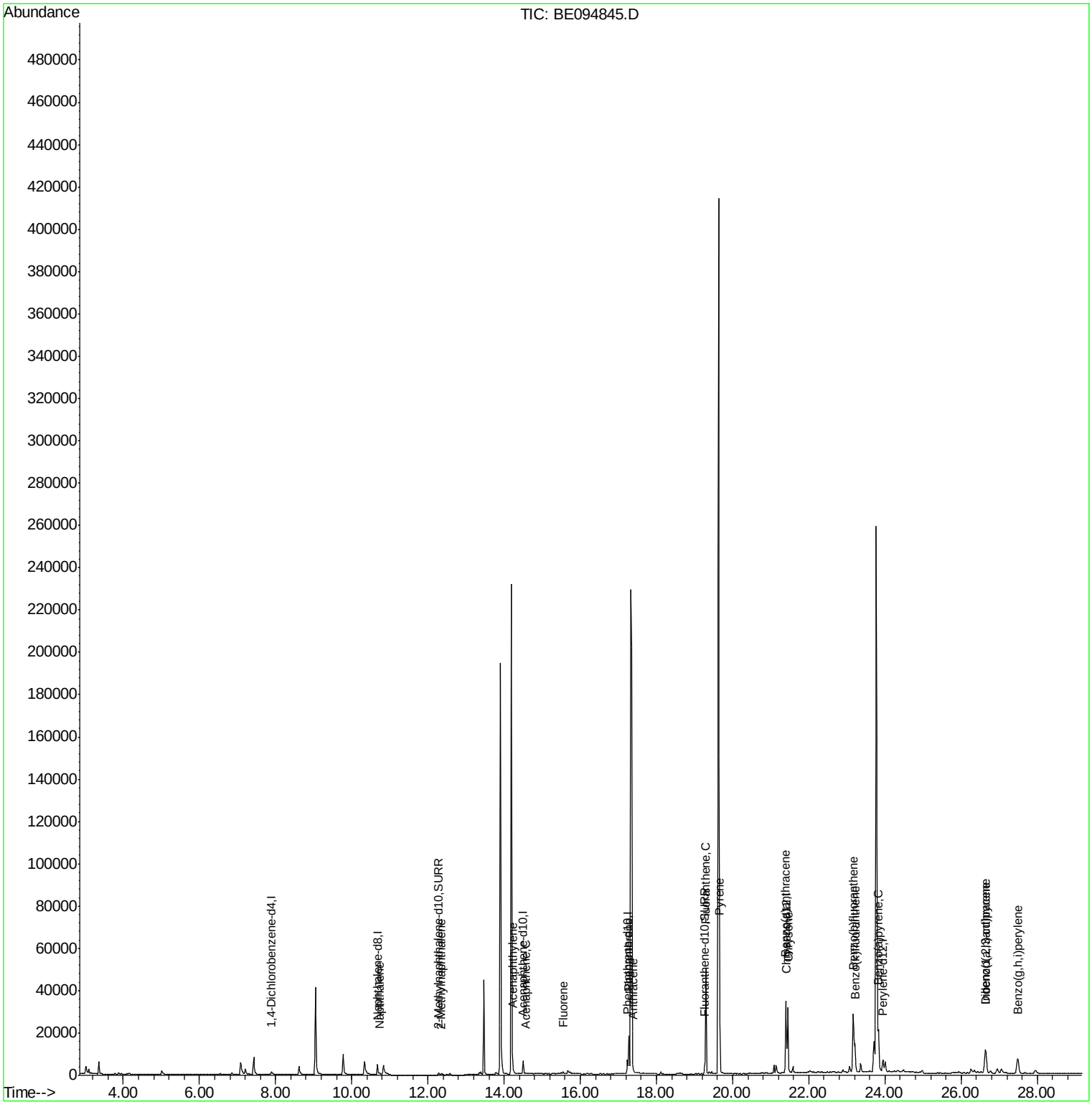
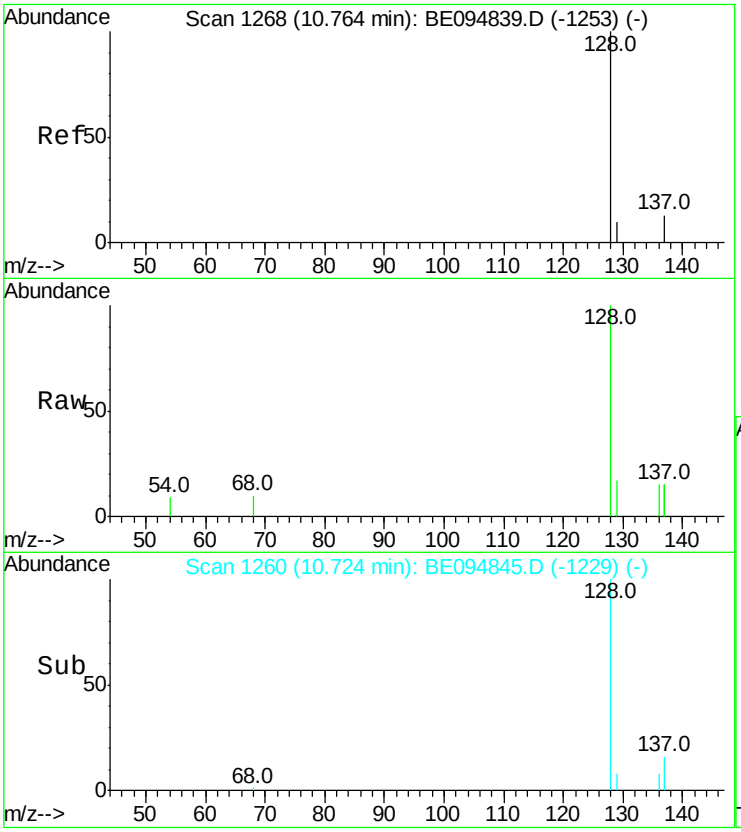
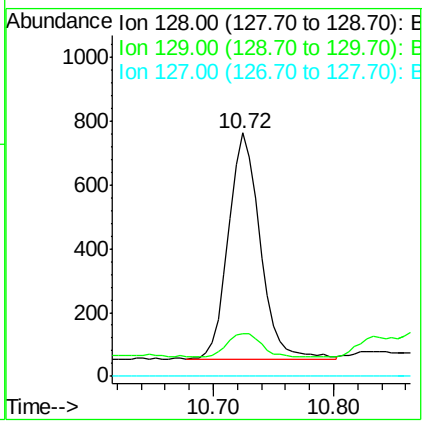




#3
Naphthalene
Concen: 0.100 ng/ul
RT: 10.72 min Scan# 1260
Delta R.T. -0.04 min
Lab File: BE094845.D
Acq: 22 Nov 2017 23:02

Tgt Ion:128 Resp: 1287

Ion	Ratio	Lower	Upper
128	100		
129	17.4	11.3	16.9#
127	0.0	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :
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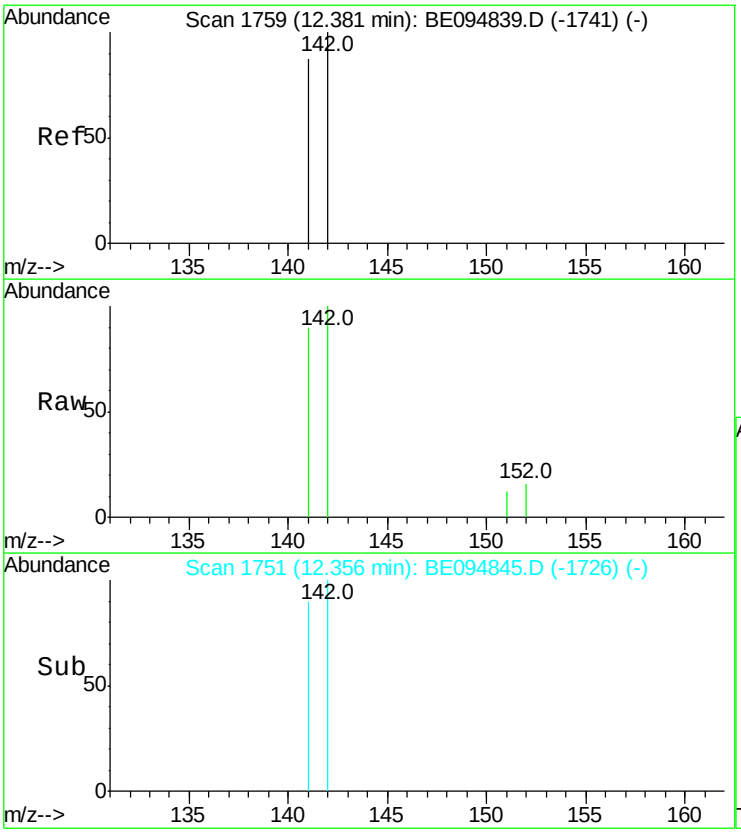
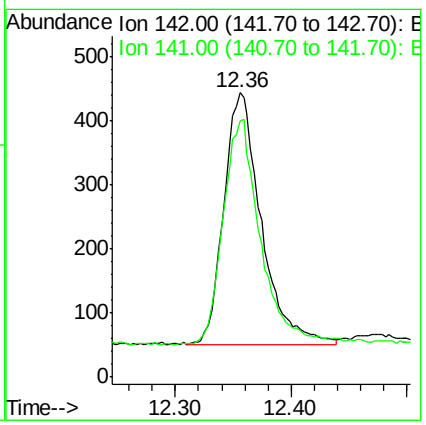
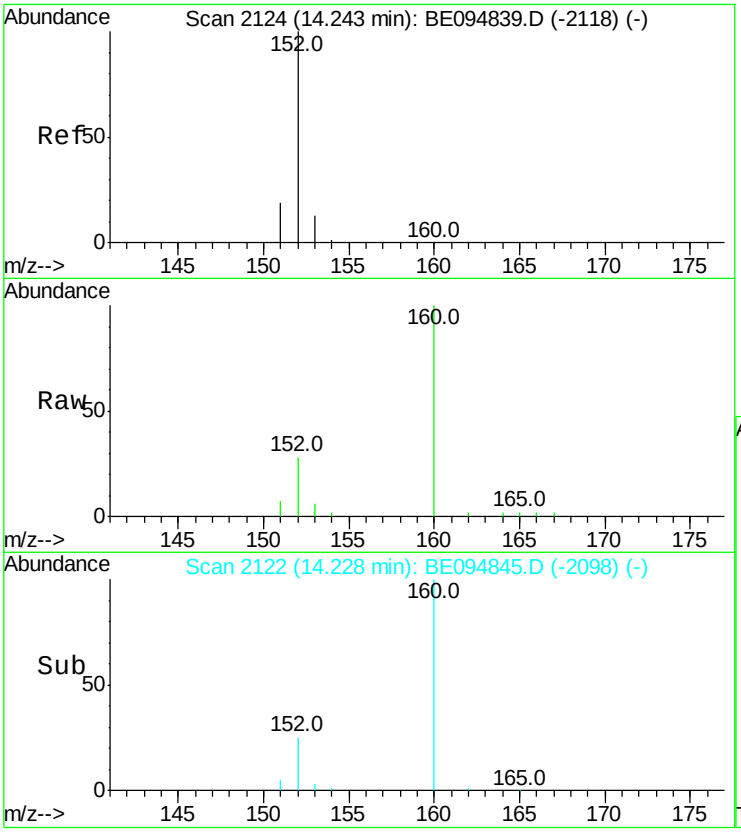


#5
2-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.36 min Scan# 1751
Delta R.T. -0.02 min
Lab File: BE094845.D
Acq: 22 Nov 2017 23:02

Tgt Ion:142 Resp: 889

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.6	108.8





#7
Acenaphthylene
Concen: 0.106 ng/ul
RT: 14.23 min Scan# 2122
Delta R.T. -0.02 min
Lab File: BE094845.D
Acq: 22 Nov 2017 23:02

Tgt Ion:152 Resp: 1821

Ion	Ratio	Lower	Upper
152	100		
151	25.4	17.1	25.7
153	19.7	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
C0AB5

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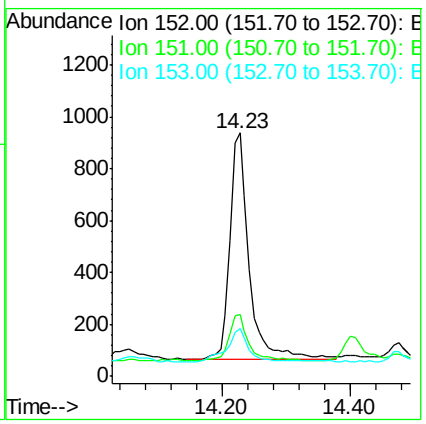
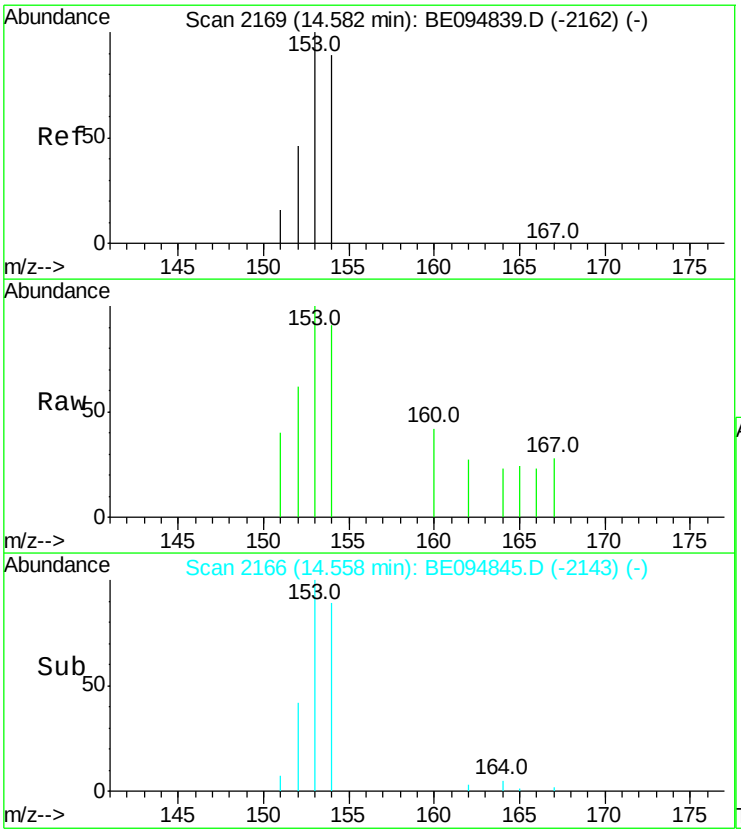
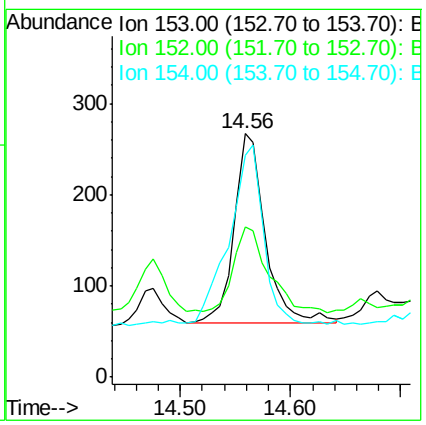


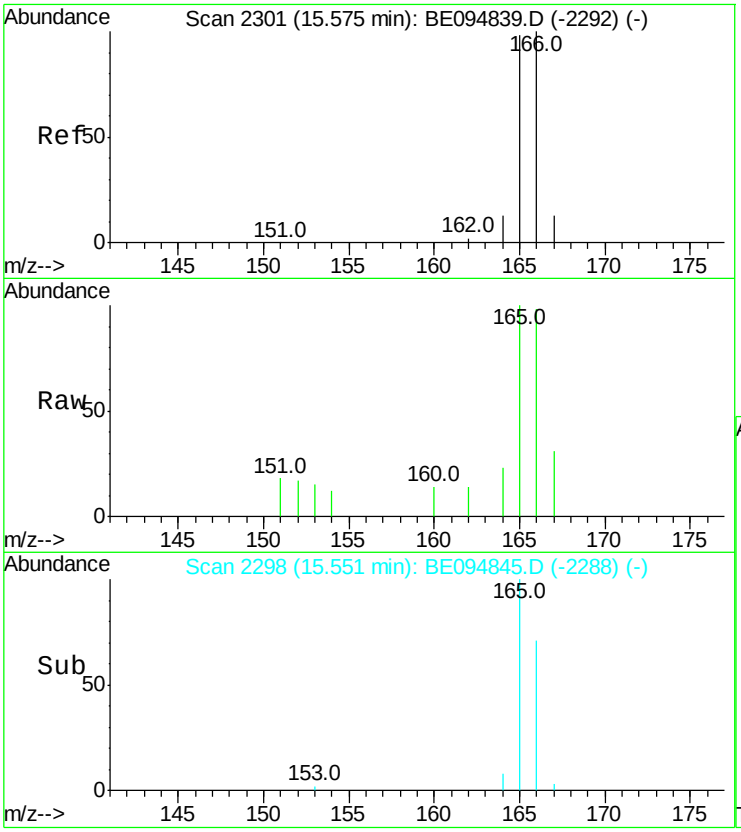


#8
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.56 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BE094845.D
Acq: 22 Nov 2017 23:02

Tgt Ion:153 Resp: 404

Ion	Ratio	Lower	Upper
153	100		
152	61.8	36.0	54.0#
154	91.0	72.0	108.0

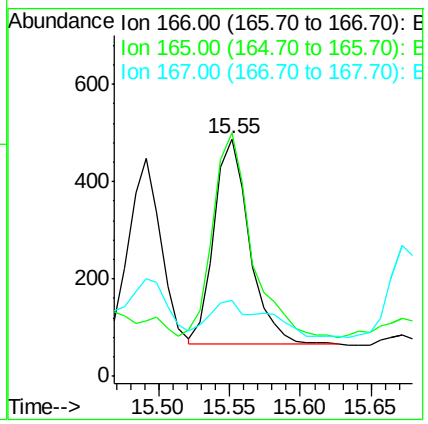




#9
Fluorene
Concen: 0.050 ng/ul
RT: 15.55 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BE094845.D
Acq: 22 Nov 2017 23:02

Tgt Ion:166 Resp: 735

Ion	Ratio	Lower	Upper
166	100		
165	102.5	73.4	110.2
167	31.8	14.6	22.0#



Instrument :
BNA_E
ClientSampleId :
C0AB5

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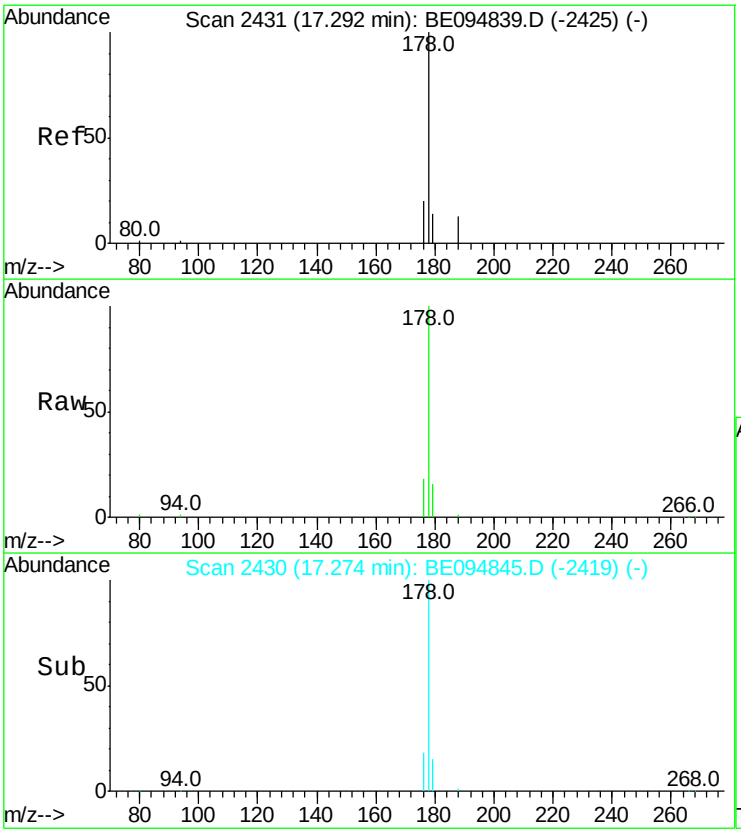
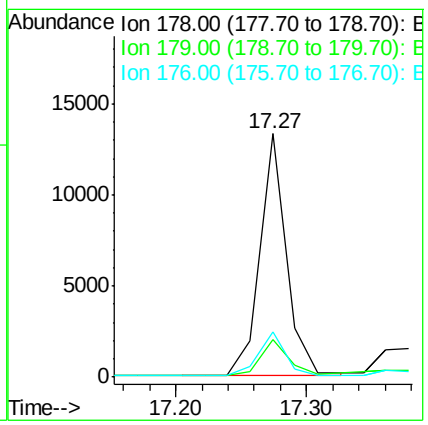
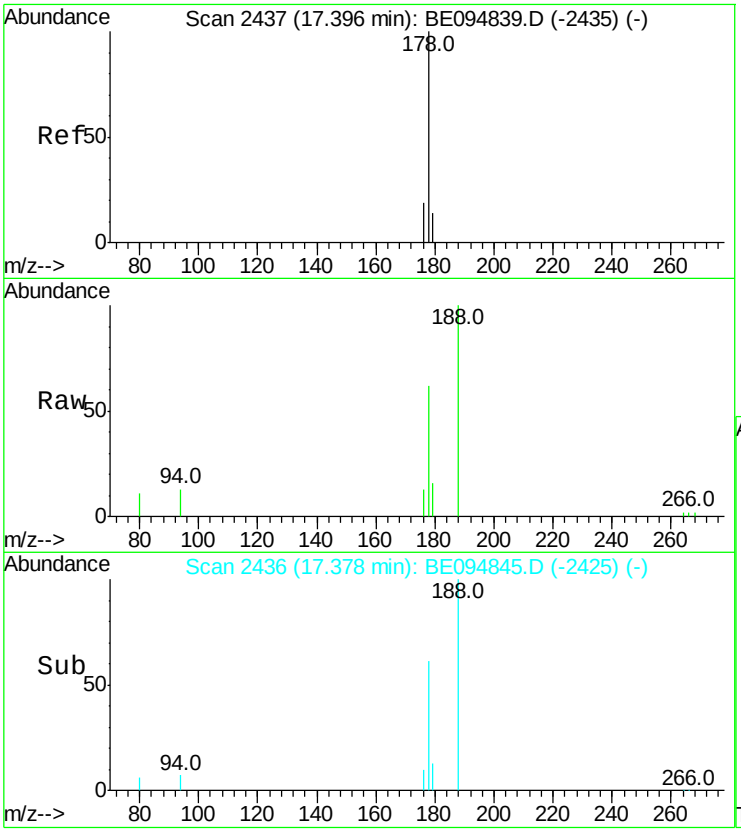


#12
Phenanthrene
Concen: 0.795 ng/ul m
RT: 17.27 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BE094845.D
Acq: 22 Nov 2017 23:02

Tgt Ion:178 Resp: 18846

Ion	Ratio	Lower	Upper
178	100		
179	15.6	18.4	27.6#
176	18.4	13.6	20.4

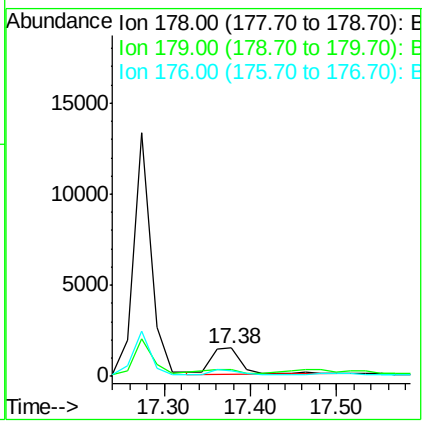




#13
Anthracene
Concen: 0.150 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BE094845.D
Acq: 22 Nov 2017 23:02

Tgt Ion:178 Resp: 3631

Ion	Ratio	Lower	Upper
178	100		
179	25.6	18.1	27.1
176	20.2	14.7	22.1



Instrument :
BNA_E
ClientSampleId :
C0AB5

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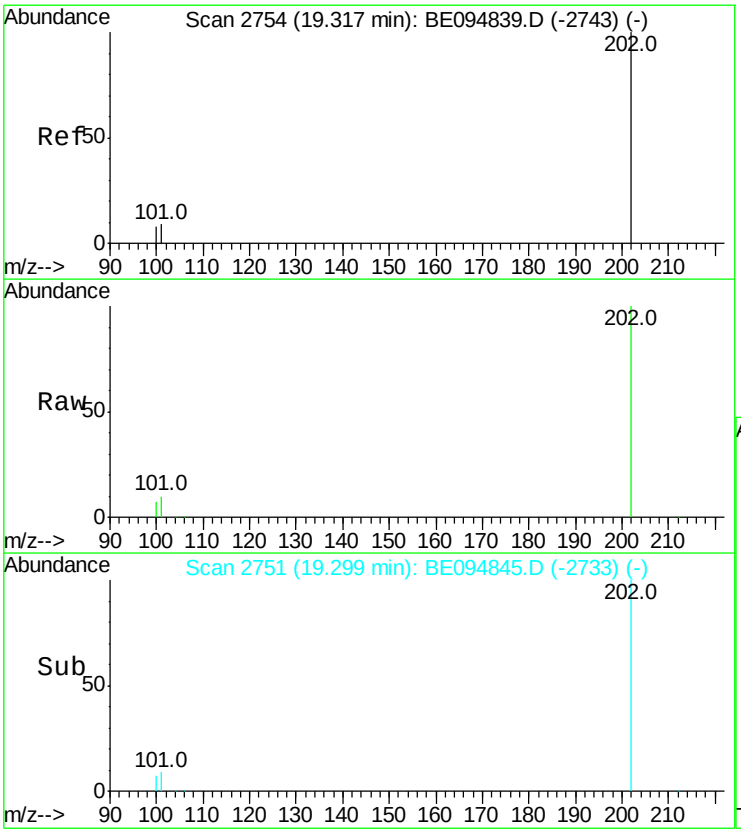
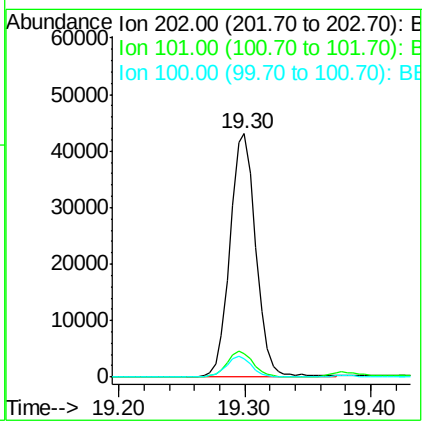
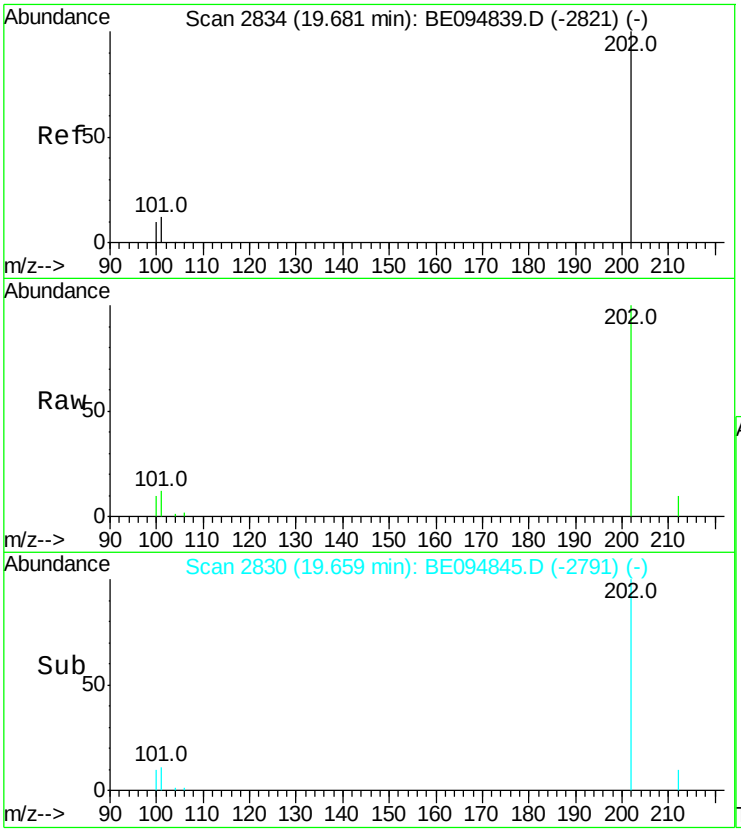


#15
Fluoranthene
Concen: 1.957 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. -0.02 min
Lab File: BE094845.D
Acq: 22 Nov 2017 23:02

Tgt Ion:202 Resp: 60890

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.3
100	7.5	0.0	39.5





#17
Pyrene
Concen: 1.876 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.02 min
Lab File: BE094845.D
Acq: 22 Nov 2017 23:02

Tgt Ion:202 Resp: 52389

Ion	Ratio	Lower	Upper
202	100		
101	11.8	18.2	27.4#
100	9.9	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AB5

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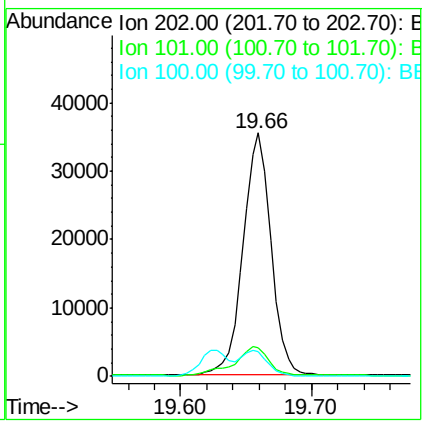
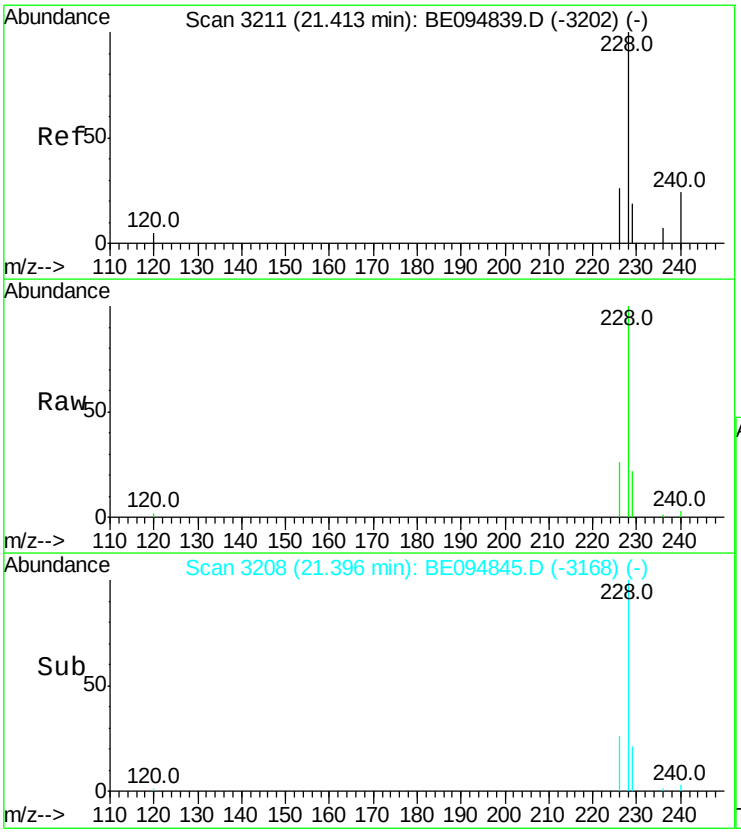
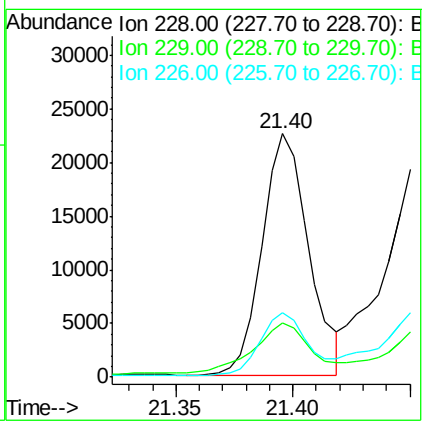


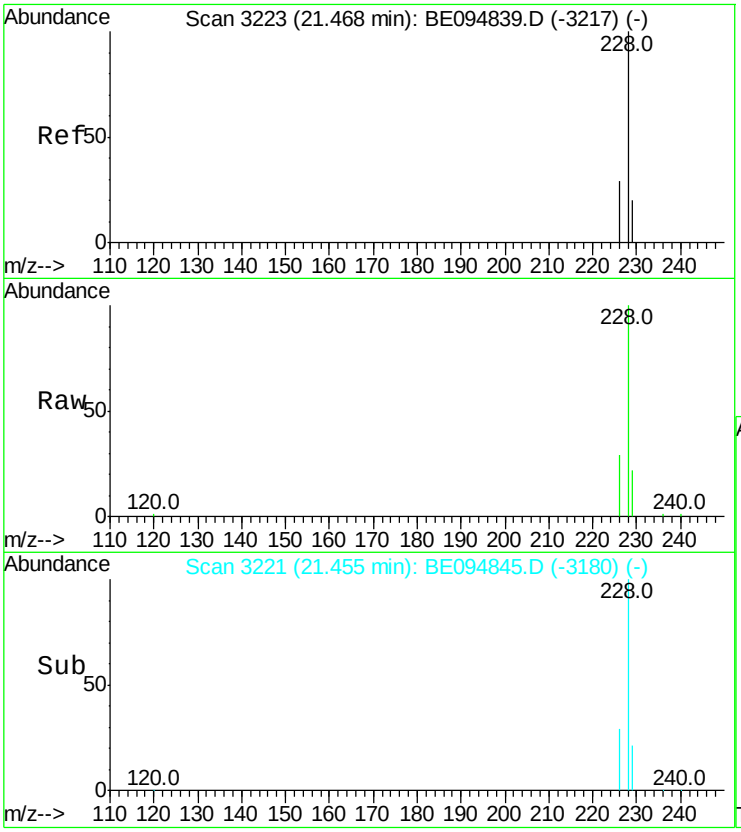


#18
Benzo(a)anthracene
Concen: 1.146 ng/ul
RT: 21.40 min Scan# 3208
Delta R.T. -0.02 min
Lab File: BE094845.D
Acq: 22 Nov 2017 23:02

Tgt Ion:228 Resp: 31090

Ion	Ratio	Lower	Upper
228	100		
229	22.0	22.8	34.2#
226	26.3	17.0	25.6#

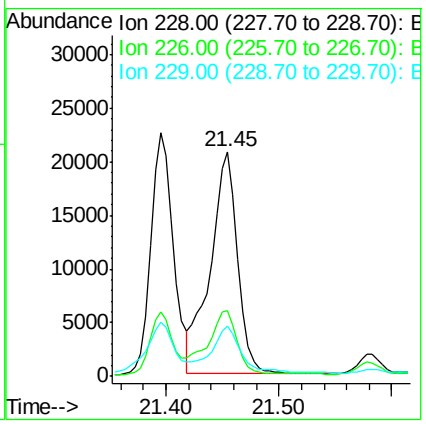




#19
Chrysene
Concen: 1.297 ng/ul
RT: 21.45 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BE094845.D
Acq: 22 Nov 2017 23:02

Tgt Ion:228 Resp: 35133

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.0
229	22.2	17.7	26.5



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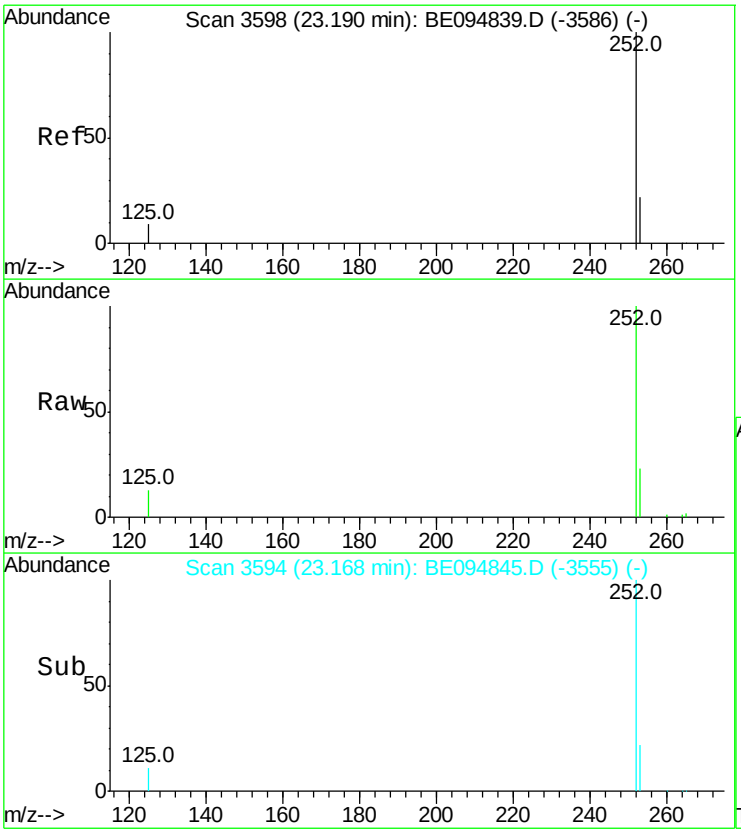
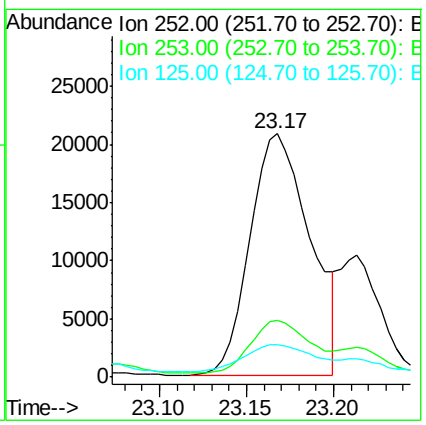
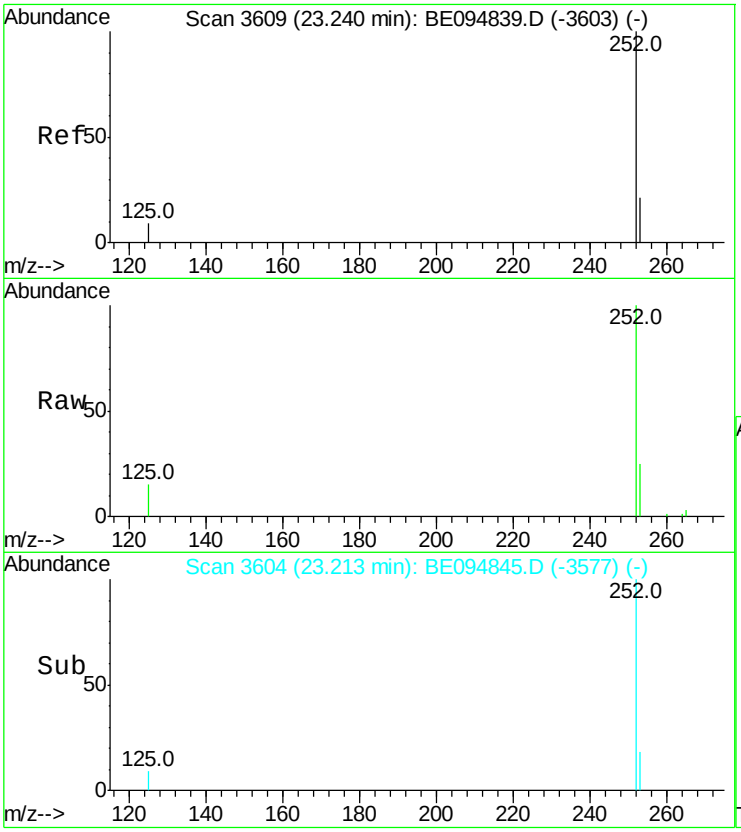


#21
Benzo(b)fluoranthene
Concen: 1.738 ng/ul m
RT: 23.17 min Scan# 3594
Delta R.T. -0.02 min
Lab File: BE094845.D
Acq: 22 Nov 2017 23:02

Tgt Ion:252 Resp: 50301

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	64.2
125	13.4	0.0	35.0

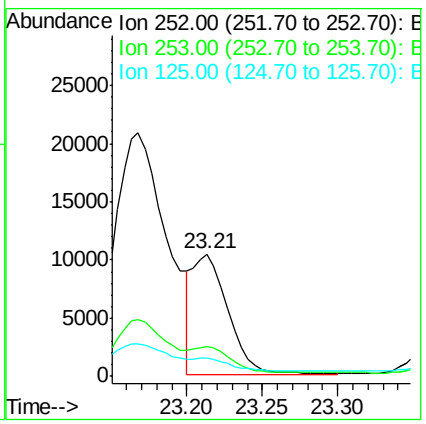




#22
Benzo(k)fluoranthene
Concen: 0.552 ng/ul m
RT: 23.21 min Scan# 3604
Delta R.T. -0.03 min
Lab File: BE094845.D
Acq: 22 Nov 2017 23:02

Tgt Ion:252 Resp: 16992

Ion	Ratio	Lower	Upper
252	100		
253	24.7	24.5	36.7
125	14.5	13.7	20.5



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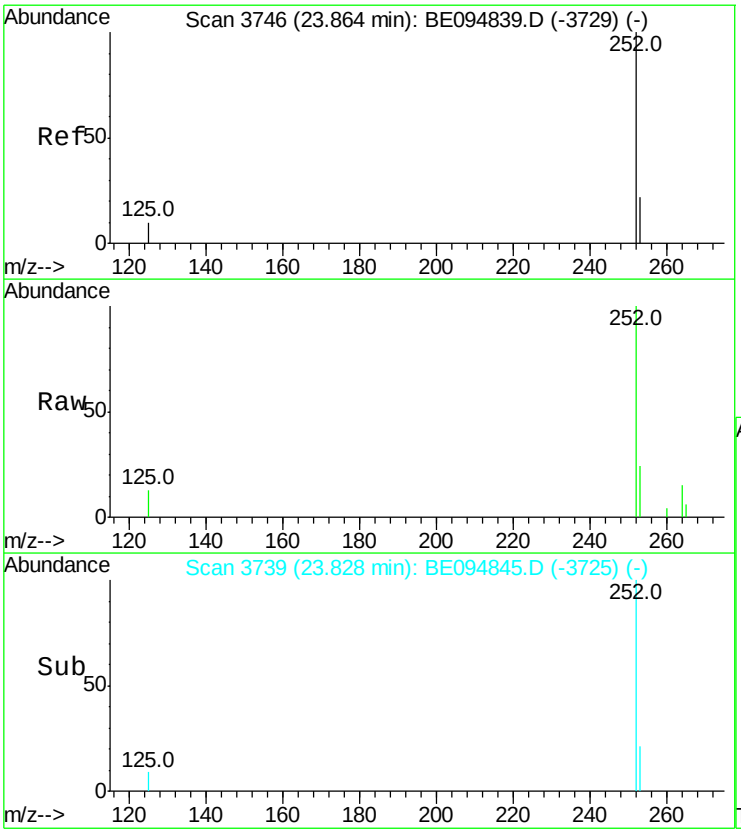
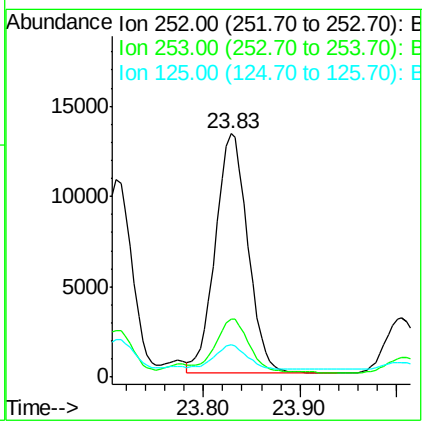
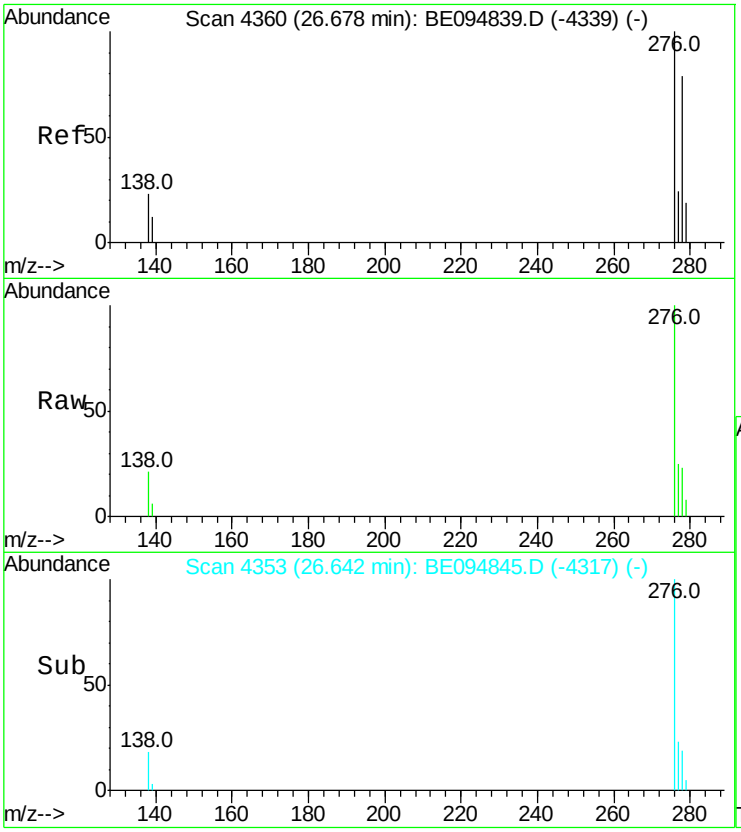


#23
Benzo(a)pyrene
Concen: 1.081 ng/ul
RT: 23.83 min Scan# 3739
Delta R.T. -0.04 min
Lab File: BE094845.D
Acq: 22 Nov 2017 23:02

Tgt Ion:252 Resp: 31119

Ion	Ratio	Lower	Upper
252	100		
253	23.7	28.5	42.7#
125	13.1	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.747 ng/ul
RT: 26.64 min Scan# 4353
Delta R.T. -0.04 min
Lab File: BE094845.D
Acq: 22 Nov 2017 23:02

Tgt Ion:276 Resp: 23418

Ion	Ratio	Lower	Upper
276	100		
138	18.6	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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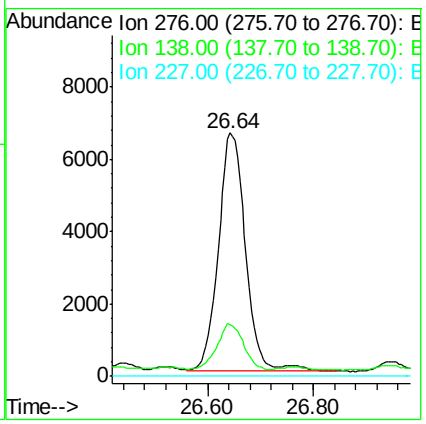
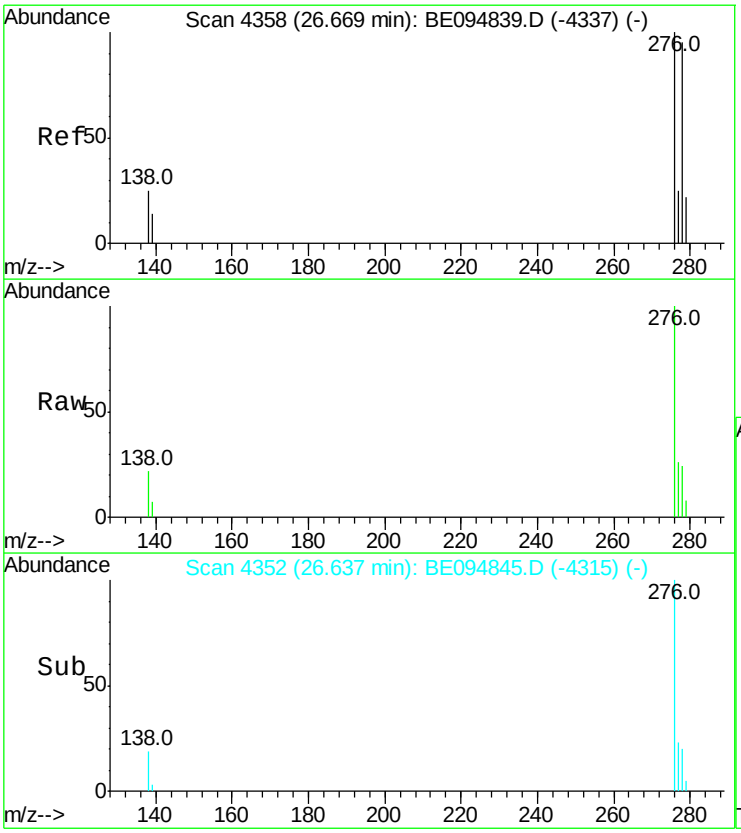
11/27/2017 3:25:58 PM

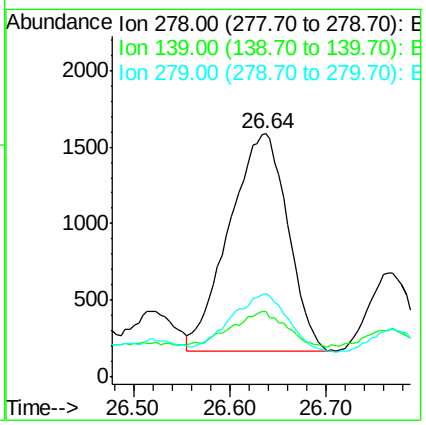


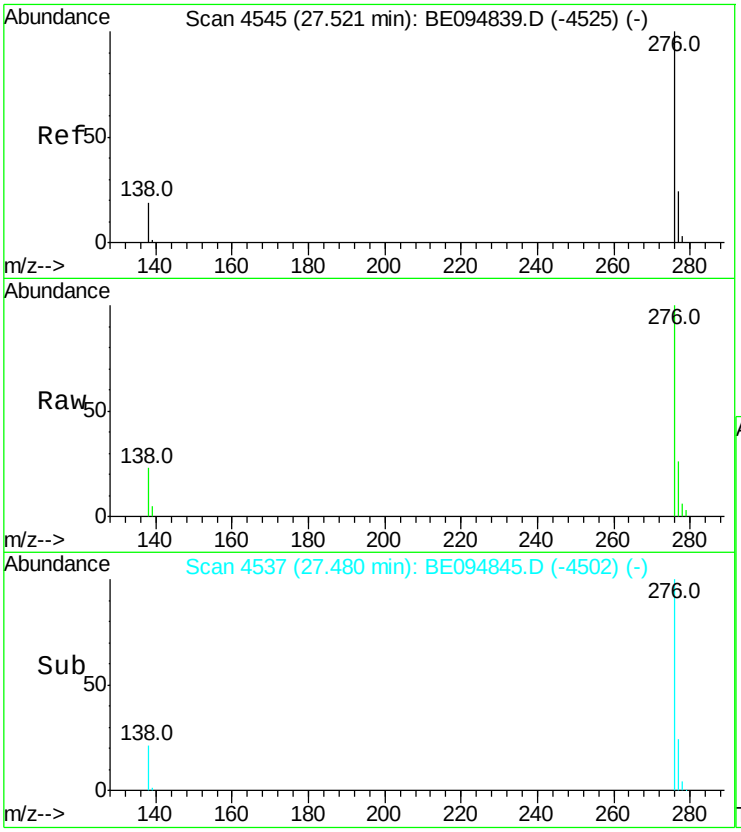


#25
Dibenzo(a,h)anthracene
Concen: 0.225 ng/ul
RT: 26.64 min Scan# 4352
Delta R.T. -0.03 min
Lab File: BE094845.D
Acq: 22 Nov 2017 23:02

Tgt Ion:278 Resp: 5951

Ion	Ratio	Lower	Upper
278	100		
139	27.1	17.4	26.0#
279	34.2	25.9	38.9

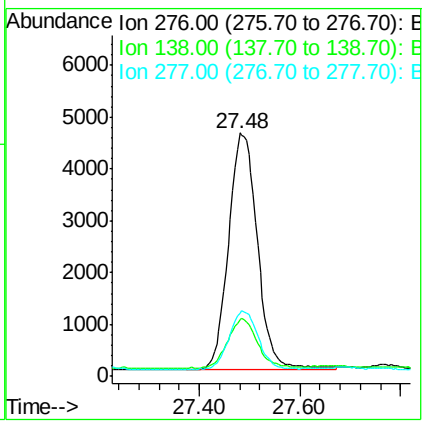




#26
Benzo(g,h,i)perylene
Concen: 0.694 ng/ul
RT: 27.48 min Scan# 4537
Delta R.T. -0.04 min
Lab File: BE094845.D
Acq: 22 Nov 2017 23:02

Tgt Ion:276 Resp: 18249

Ion	Ratio	Lower	Upper
276	100		
138	23.5	21.8	32.8
277	26.2	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
C0AB5

Manual Integrations APPROVED
Sohil
11/27/2017 3:25:58 PM