Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
Data File : BE094251.D
Acq On : 10 Oct 2017 13:03
Operator : SJ/JU
Sample : I5522-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AD5

Manual Integrations APPROVED
Sohil
10/11/2017 7:19:39 PM

Quant Time: Oct 11 11:23:04 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 08:24:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1723	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	9092	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5441	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	11635m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	11470	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	10216m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3734	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	9208	0.24	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	2361	0.106	ng/ul#	94
5) 2-Methylnaphthalene	12.35	142	491	0.034	ng/ul	99
12) Phenanthrene	17.29	178	6532	0.215	ng/ul#	93
15) Fluoranthene	19.30	202	18891	0.473	ng/ul	83
17) Pyrene	19.66	202	17936	0.562	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	9028	0.297	ng/ul#	90
19) Chrysene	21.45	228	10309	0.293	ng/ul	93
21) Benzo(b)fluoranthene	23.15	252	13658m	0.492	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	4460m	0.139	ng/ul	
23) Benzo(a)pyrene	23.81	252	9579m	0.332	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.58	276	6030m	0.204	ng/ul	
26) Benzo(g,h,i)perylene	27.40	276	5102m	0.201	ng/ul	

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

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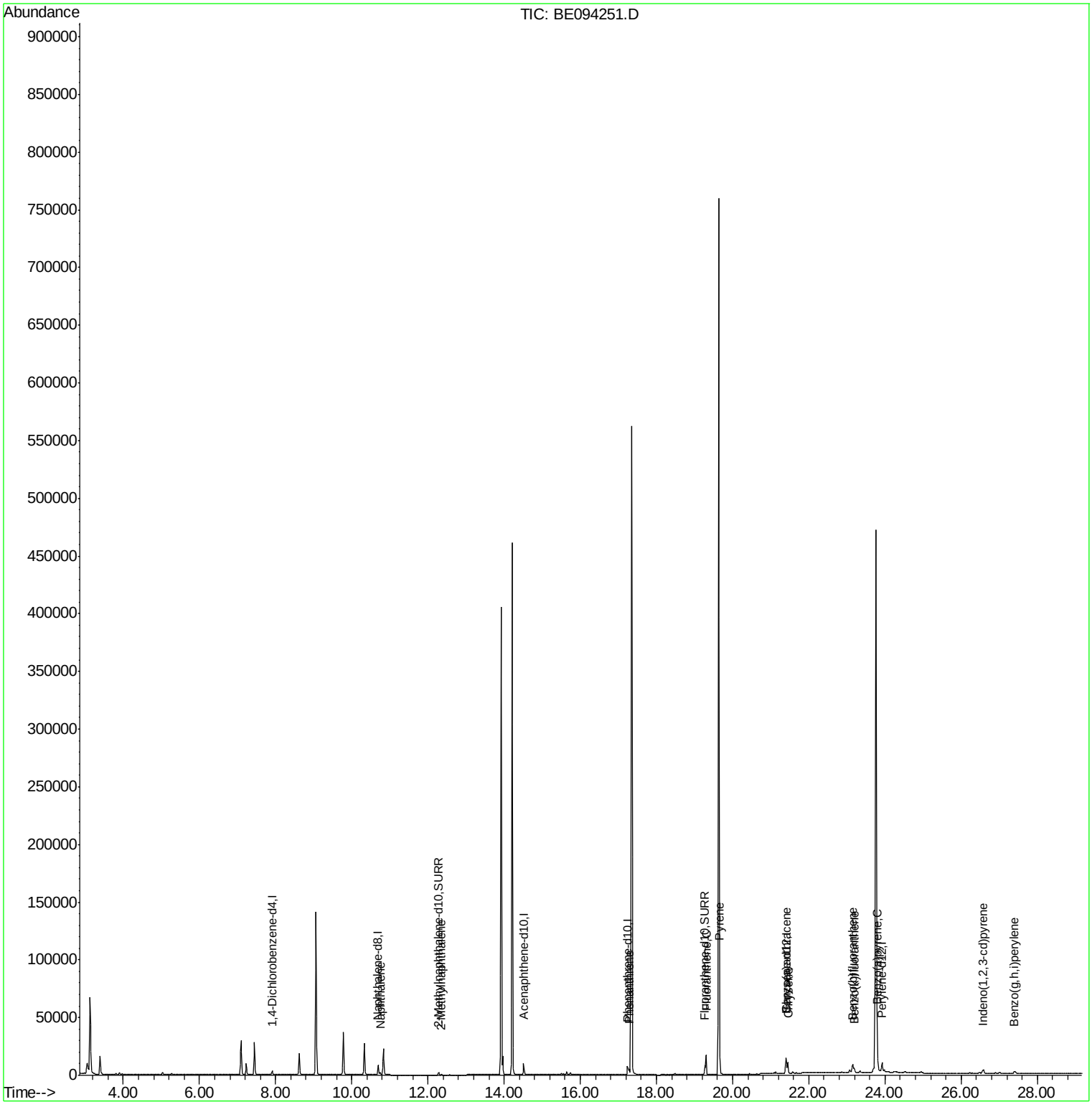
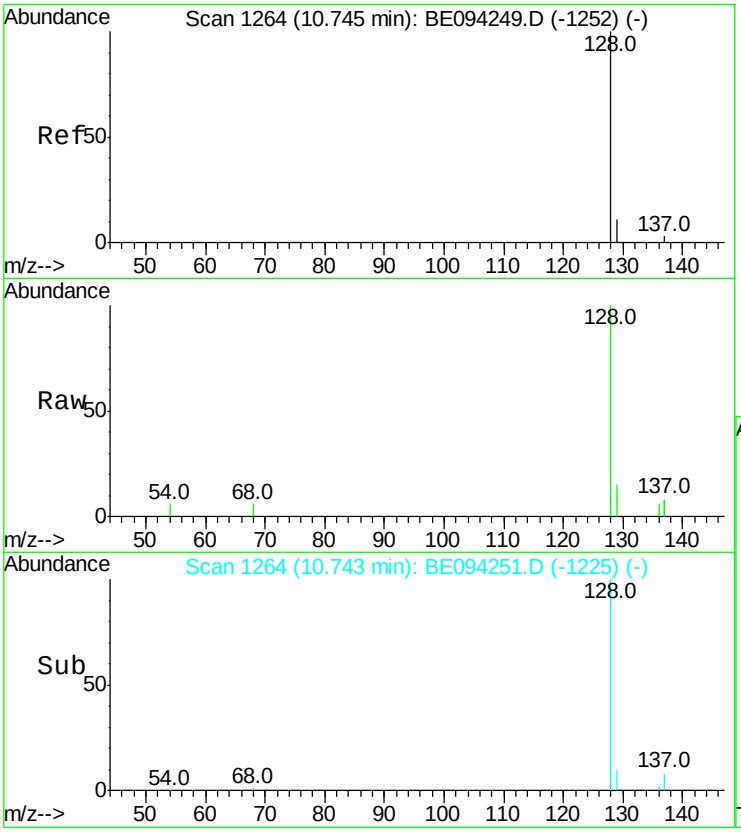
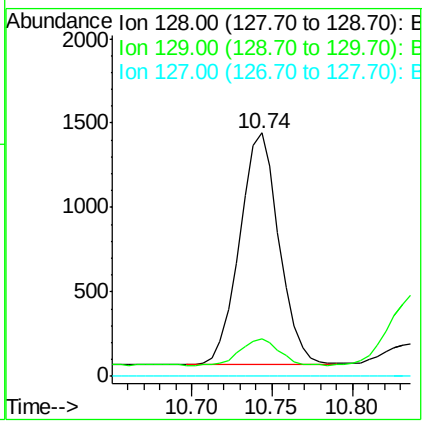




#3
Naphthalene
Concen: 0.106 ng/ul
RT: 10.74 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE094251.D
Acq: 10 Oct 2017 13:03

Tgt Ion:128 Resp: 2361

Ion	Ratio	Lower	Upper
128	100		
129	15.3	11.3	16.9
127	0.0	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :
C0AD5

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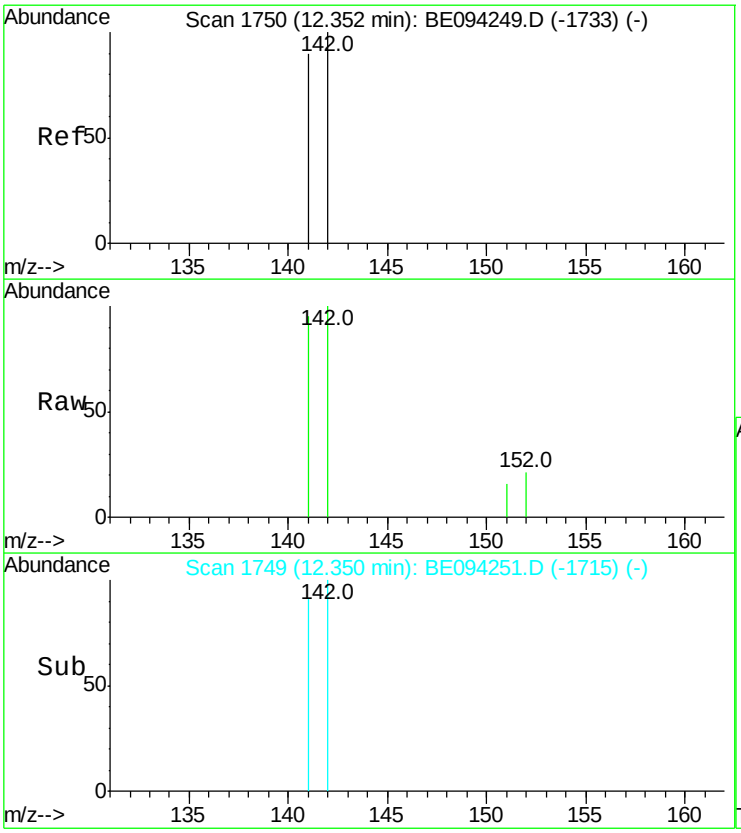
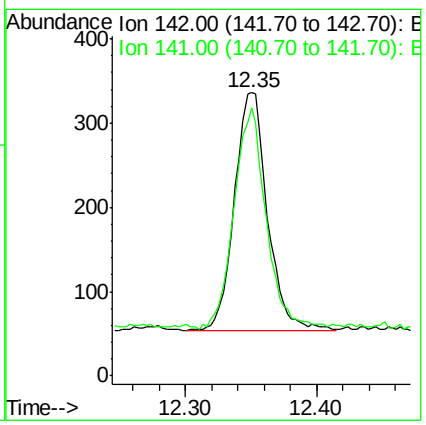
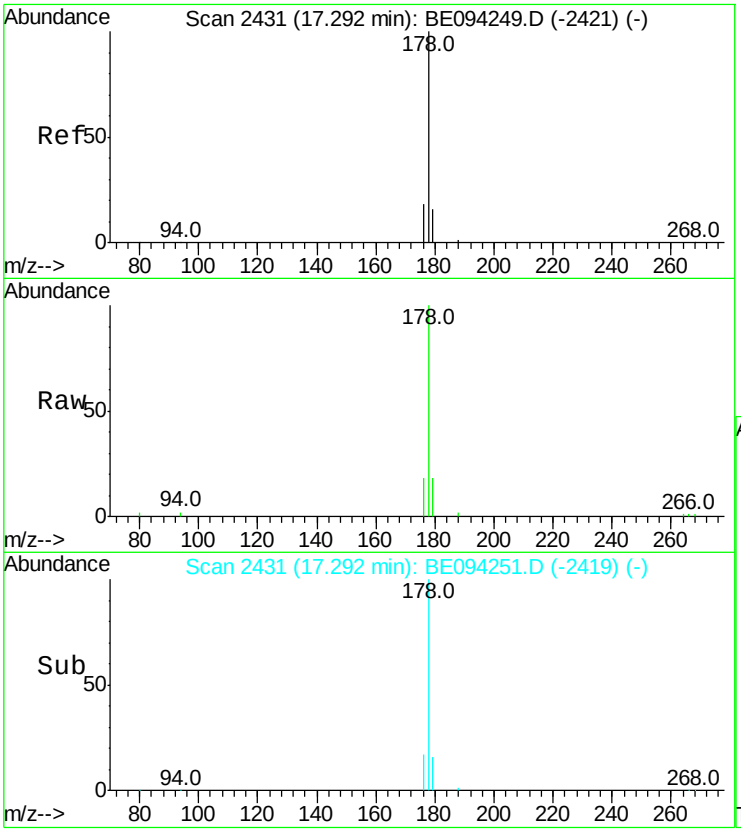


#5
2-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.35 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BE094251.D
Acq: 10 Oct 2017 13:03

Tgt Ion:142 Resp: 491

Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.6	108.8





#12
Phenanthrene
Concen: 0.215 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BE094251.D
Acq: 10 Oct 2017 13:03

Tgt Ion:178 Resp: 6532

Ion	Ratio	Lower	Upper
178	100		
179	18.3	18.4	27.6#
176	18.0	13.6	20.4

Instrument :
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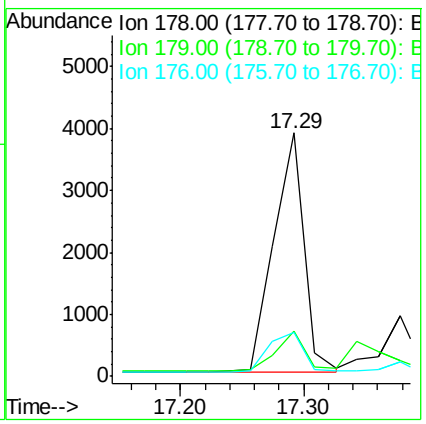
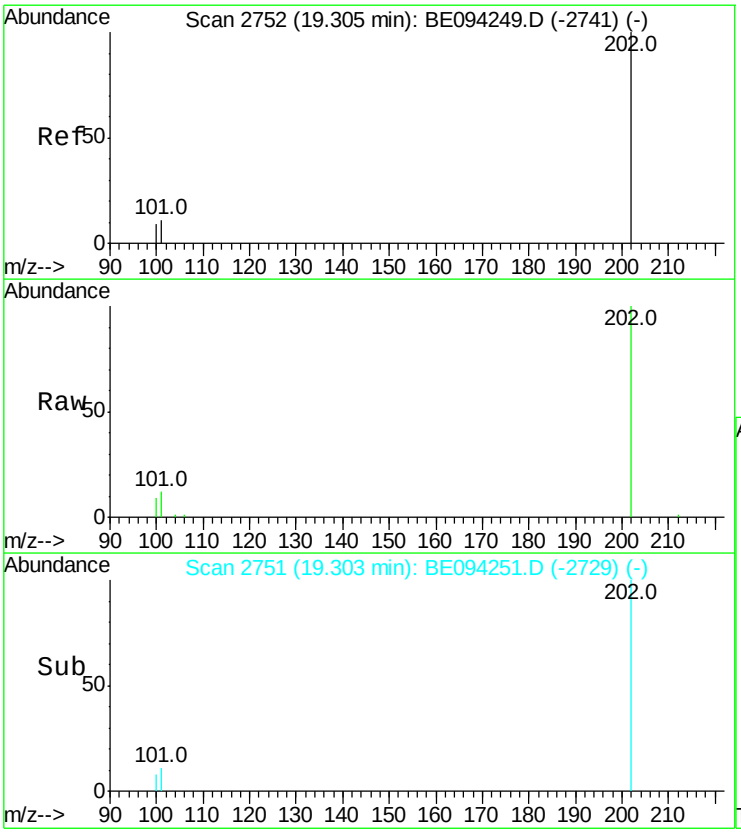
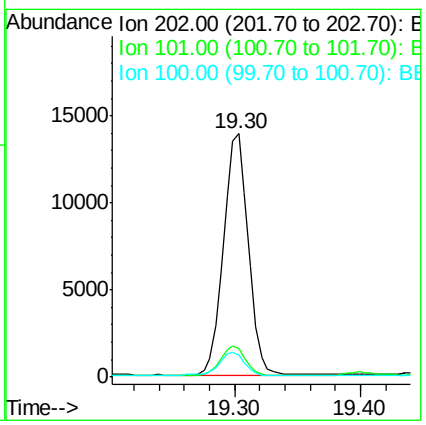


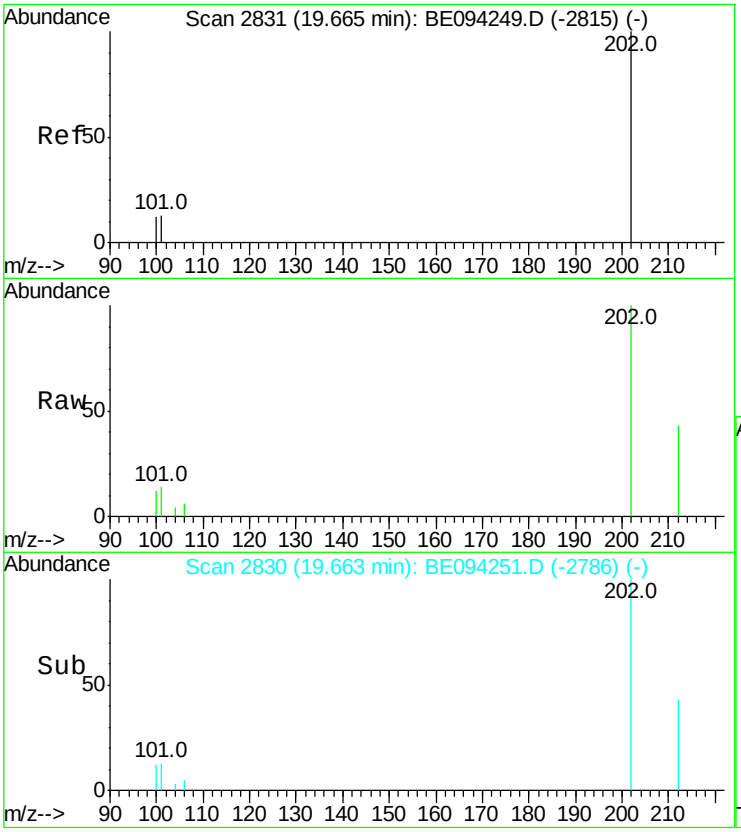


#15
Fluoranthene
Concen: 0.473 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BE094251.D
Acq: 10 Oct 2017 13:03

Tgt Ion:202 Resp: 18891

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	30.3
100	8.9	0.0	39.5





#17
Pyrene
Concen: 0.562 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BE094251.D
Acq: 10 Oct 2017 13:03

Tgt Ion:202 Resp: 17936

Ion	Ratio	Lower	Upper
202	100		
101	14.1	18.2	27.4#
100	12.0	15.6	23.4#

Instrument :
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ClientSampleId :
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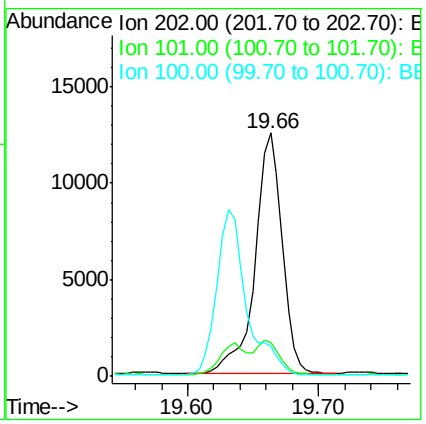
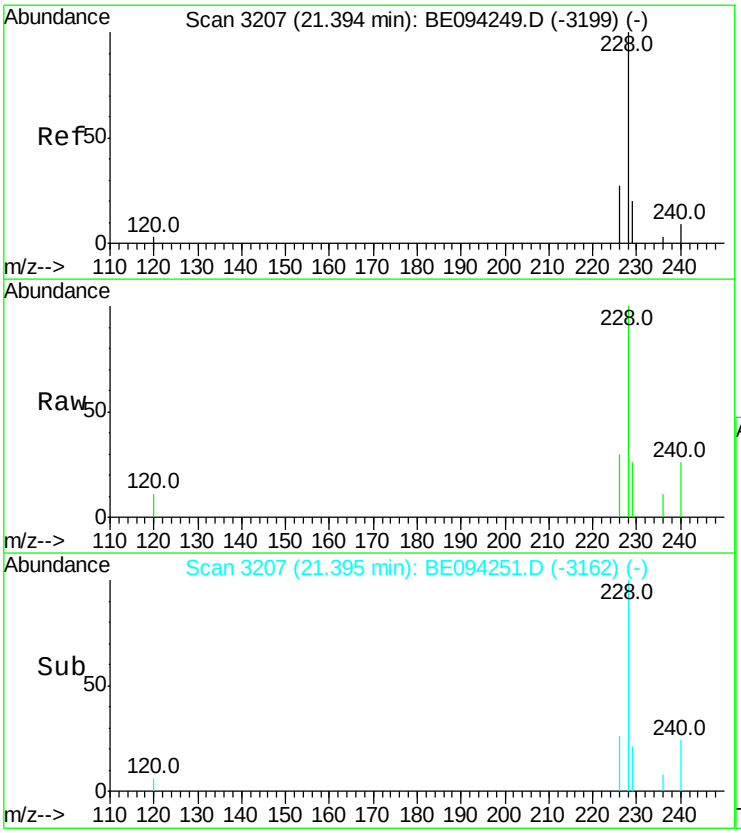
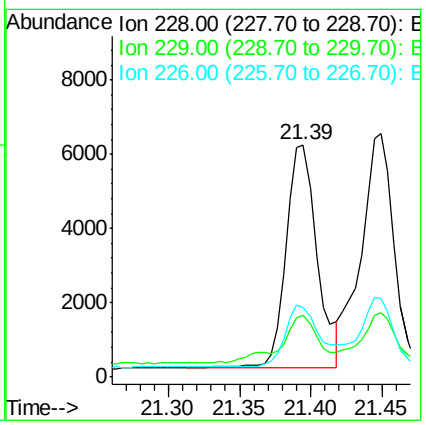


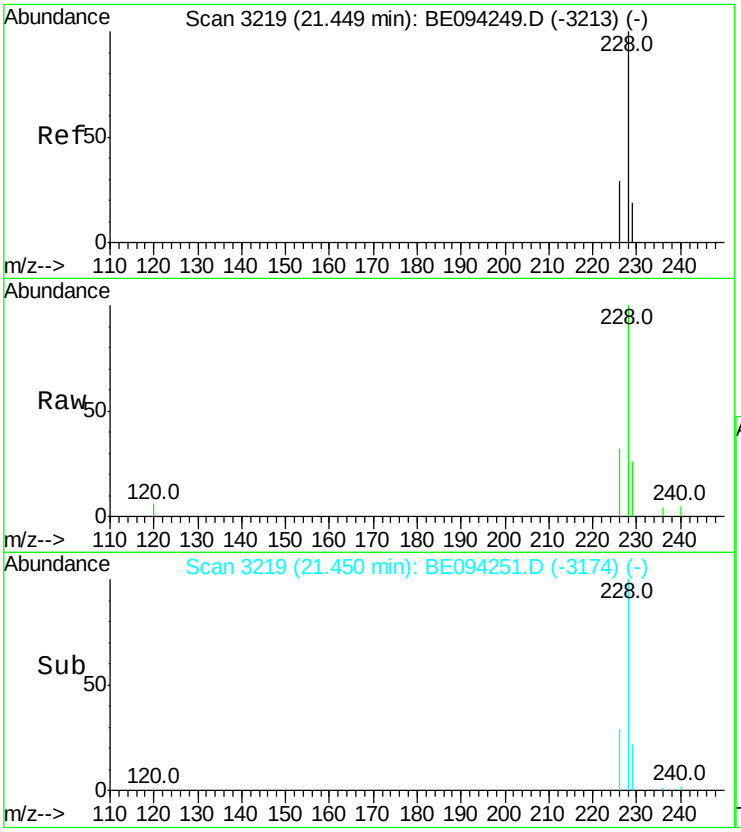


#18
Benzo(a)anthracene
Concen: 0.297 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. 0.00 min
Lab File: BE094251.D
Acq: 10 Oct 2017 13:03

Tgt Ion:228 Resp: 9028

Ion	Ratio	Lower	Upper
228	100		
229	26.4	22.8	34.2
226	29.9	17.0	25.6#





#19
Chrysene
Concen: 0.293 ng/ul
RT: 21.45 min Scan# 3219
Delta R.T. 0.00 min
Lab File: BE094251.D
Acq: 10 Oct 2017 13:03

Tgt Ion:228 Resp: 10309

Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.4	35.0
229	26.5	17.7	26.5

Instrument :
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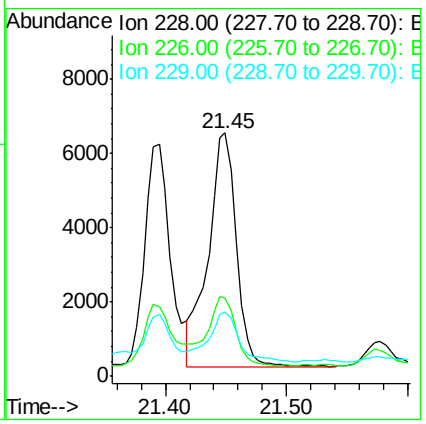
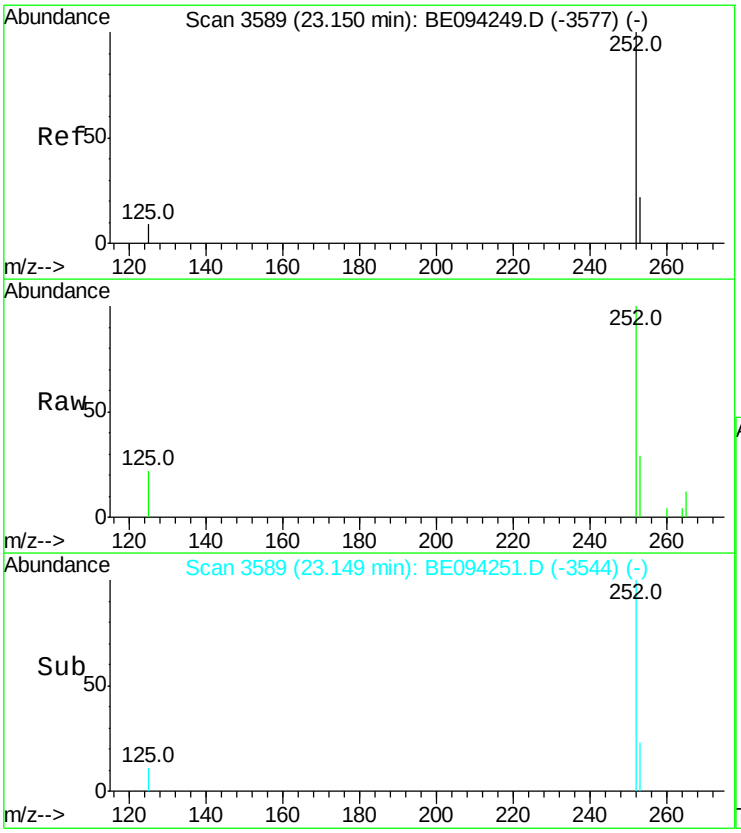
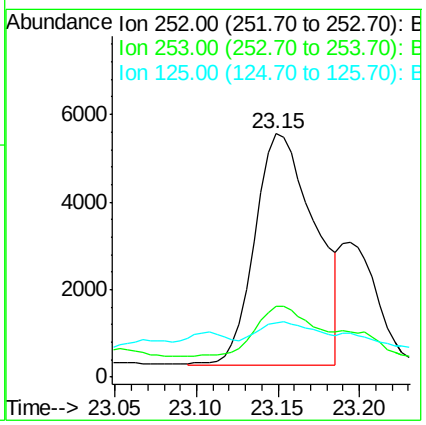


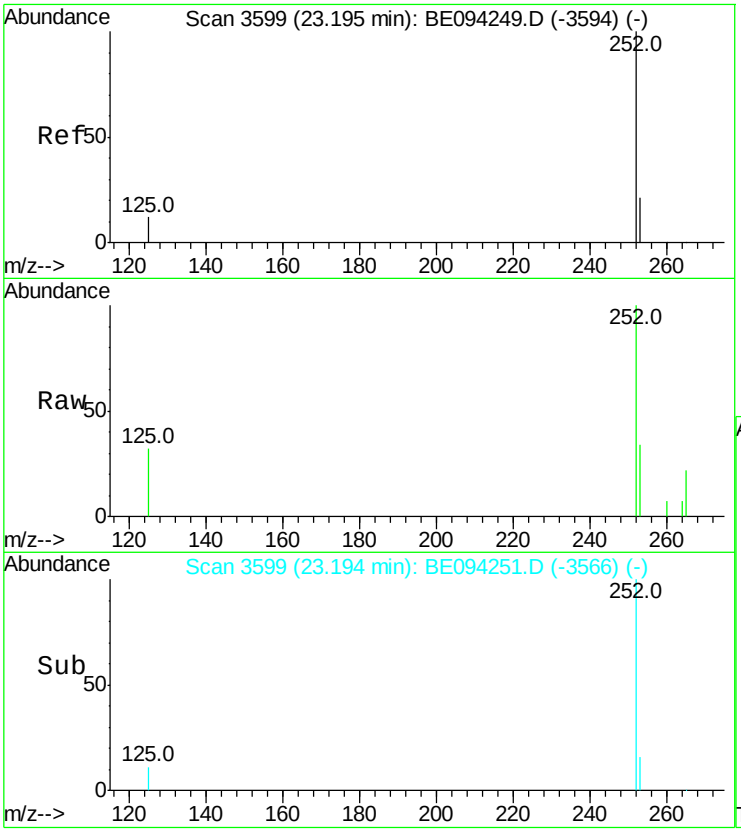


#21
Benzo(b)fluoranthene
Concen: 0.492 ng/ul m
RT: 23.15 min Scan# 3589
Delta R.T. 0.00 min
Lab File: BE094251.D
Acq: 10 Oct 2017 13:03

Tgt Ion:252 Resp: 13658

Ion	Ratio	Lower	Upper
252	100		
253	29.2	0.0	64.2
125	22.5	0.0	35.0

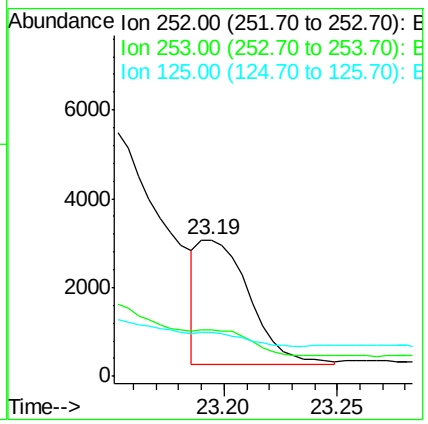




#22
Benzo(k)fluoranthene
Concen: 0.139 ng/ul m
RT: 23.19 min Scan# 3599
Delta R.T. -0.00 min
Lab File: BE094251.D
Acq: 10 Oct 2017 13:03

Tgt Ion:252 Resp: 4460

Ion	Ratio	Lower	Upper
252	100		
253	33.8	24.5	36.7
125	32.2	13.7	20.5#



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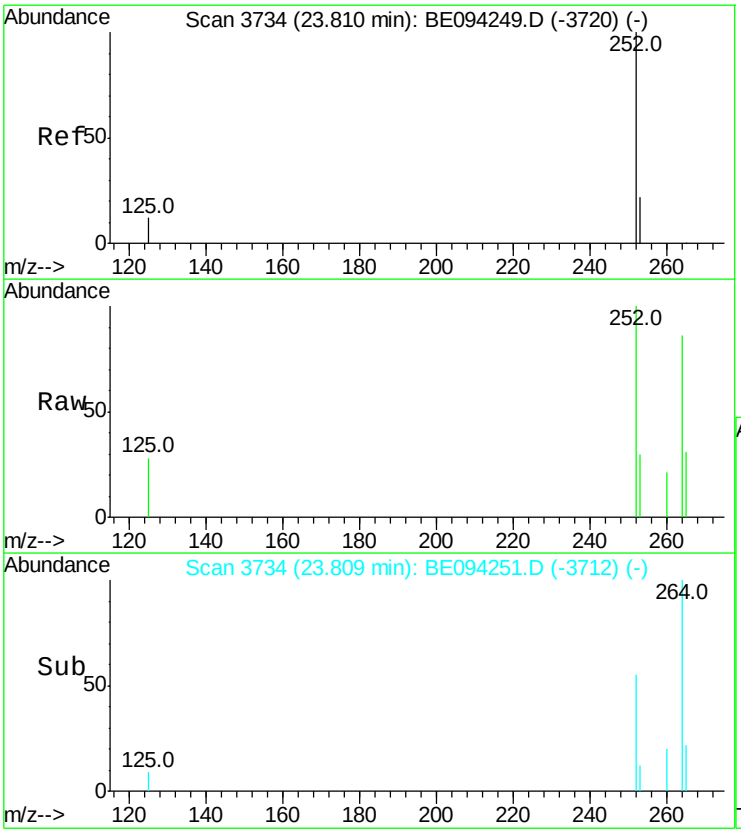
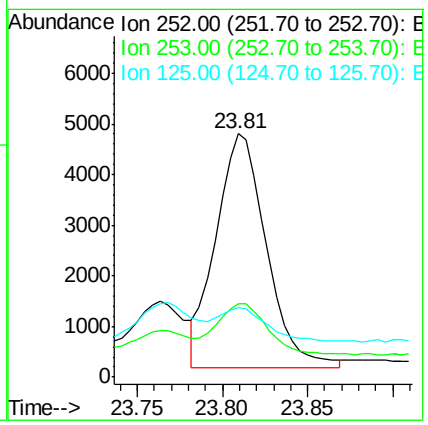
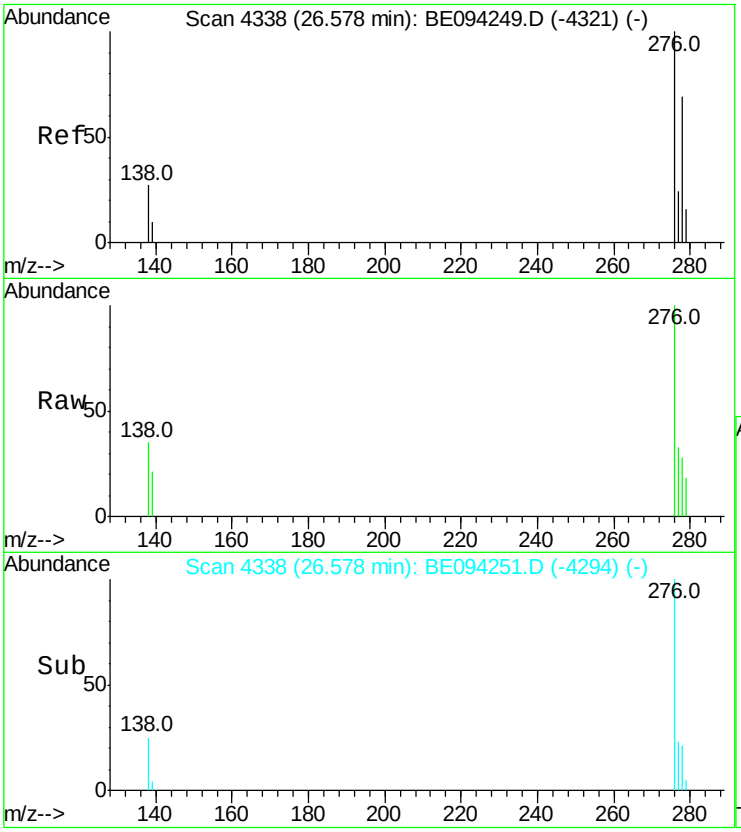


#23
Benzo(a)pyrene
Concen: 0.332 ng/ul m
RT: 23.81 min Scan# 3734
Delta R.T. -0.00 min
Lab File: BE094251.D
Acq: 10 Oct 2017 13:03

Tgt Ion:252 Resp: 9579

Ion	Ratio	Lower	Upper
252	100		
253	29.9	28.5	42.7
125	28.5	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.204 ng/ul m
RT: 26.58 min Scan# 4338
Delta R.T. 0.00 min
Lab File: BE094251.D
Acq: 10 Oct 2017 13:03

Tgt Ion:276 Resp: 6030

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

Instrument :
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ClientSampleId :
C0AD5

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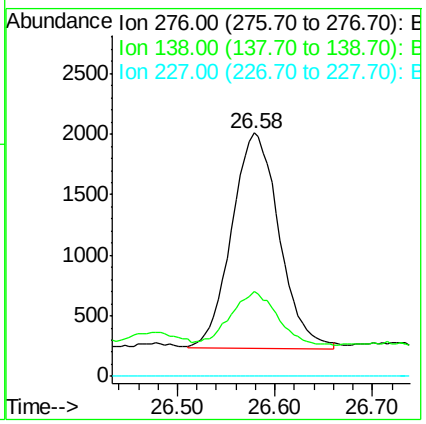

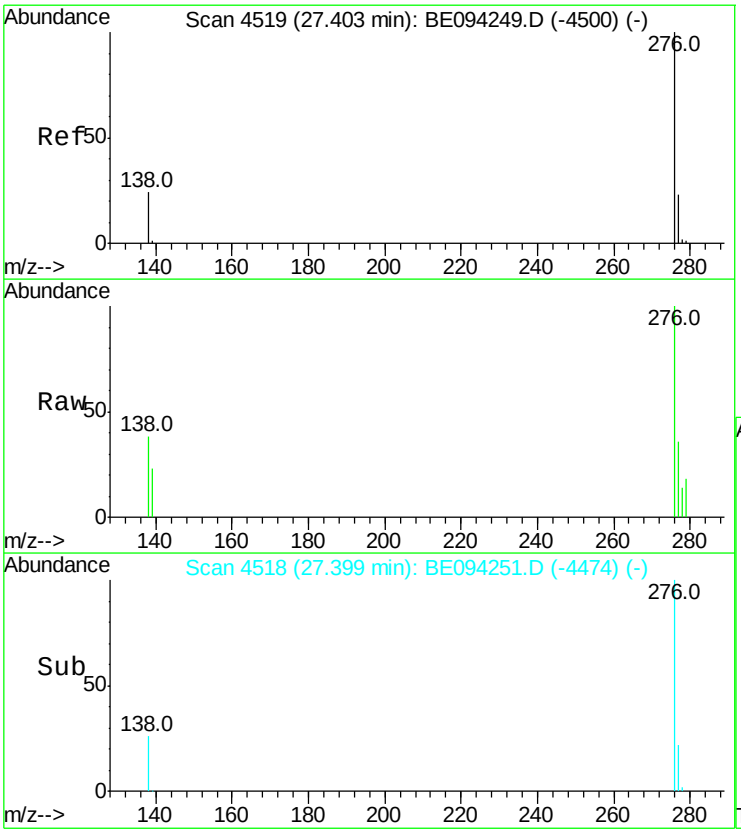

#26
Benzo(g,h,i)perylene
Concen: 0.201 ng/ul m
RT: 27.40 min Scan# 4518
Delta R.T. 0.00 min
Lab File: BE094251.D
Acq: 10 Oct 2017 13:03

Tgt Ion:276 Resp: 5102

Ion	Ratio	Lower	Upper
276	100		
138	38.5	21.8	32.8#
277	36.1	20.5	30.7#