Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094227.D
Acq On : 9 Oct 2017 18:57
Operator : SJ/JU
Sample : I5522-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AD7

Manual Integrations APPROVED
Sohil
10/11/2017 9:24:14 AM

Quant Time: Oct 10 17:11:08 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 09:18:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2547	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	13339	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	8157	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	17286	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	17272	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	15748m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	4532	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	12455	0.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	1474	0.045	ng/ul#	90
12) Phenanthrene	17.29	178	7299	0.162	ng/ul#	93
15) Fluoranthene	19.30	202	21066	0.355	ng/ul	84
17) Pyrene	19.66	202	21456	0.446	ng/ul#	84
18) Benzo(a)anthracene	21.40	228	8940	0.195	ng/ul#	90
19) Chrysene	21.45	228	11937	0.226	ng/ul#	92
21) Benzo(b)fluoranthene	23.15	252	14762m	0.345	ng/ul	
22) Benzo(k)fluoranthene	23.20	252	5767m	0.117	ng/ul	
23) Benzo(a)pyrene	23.81	252	9316m	0.210	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.57	276	6829m	0.150	ng/ul	
26) Benzo(g,h,i)perylene	27.41	276	7038m	0.179	ng/ul	

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

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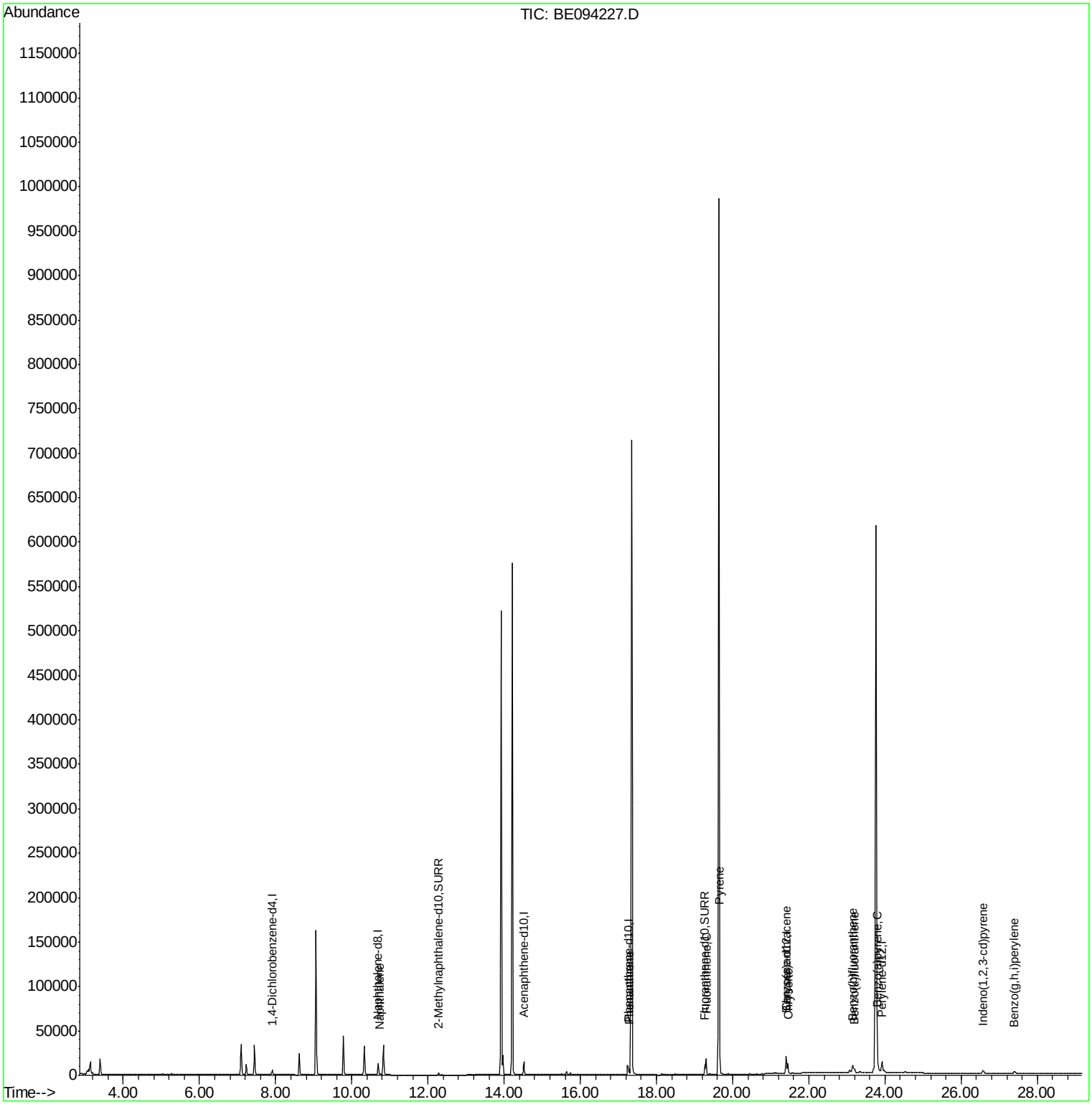
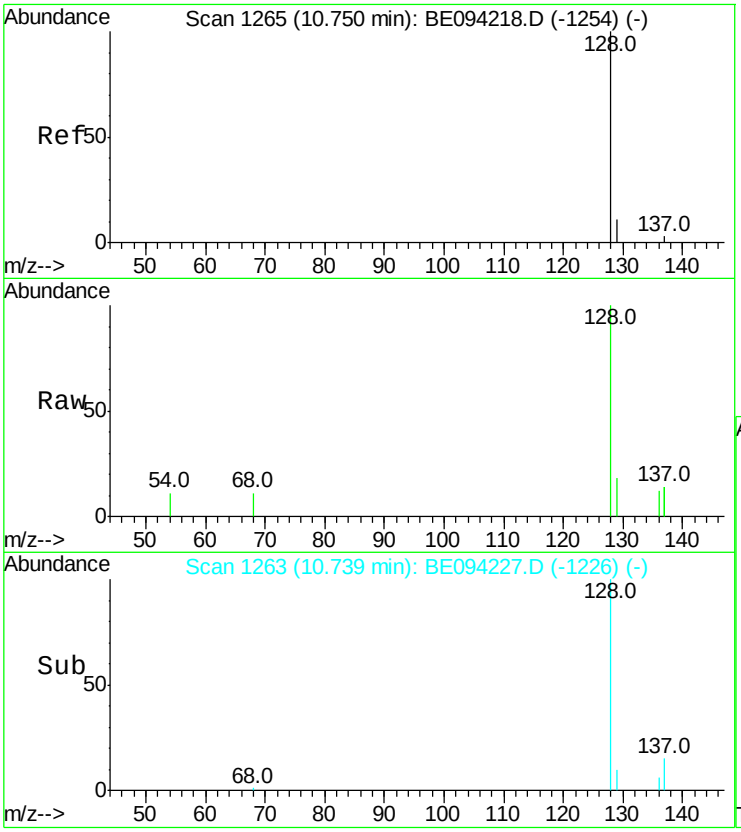
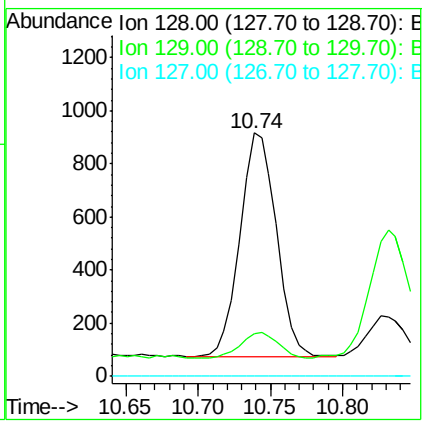




#3
Naphthalene
Concen: 0.045 ng/ul
RT: 10.74 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BE094227.D
Acq: 9 Oct 2017 18:57

Tgt Ion:128 Resp: 1474

Ion	Ratio	Lower	Upper
128	100		
129	17.7	11.3	16.9#
127	0.0	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :
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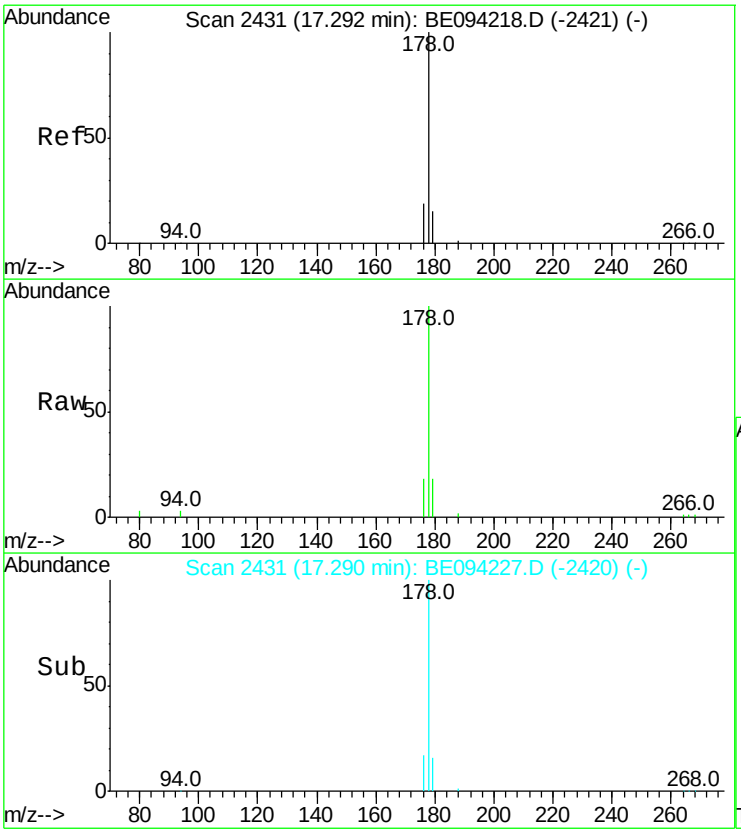
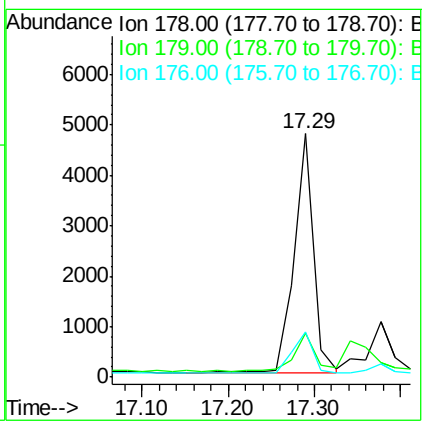
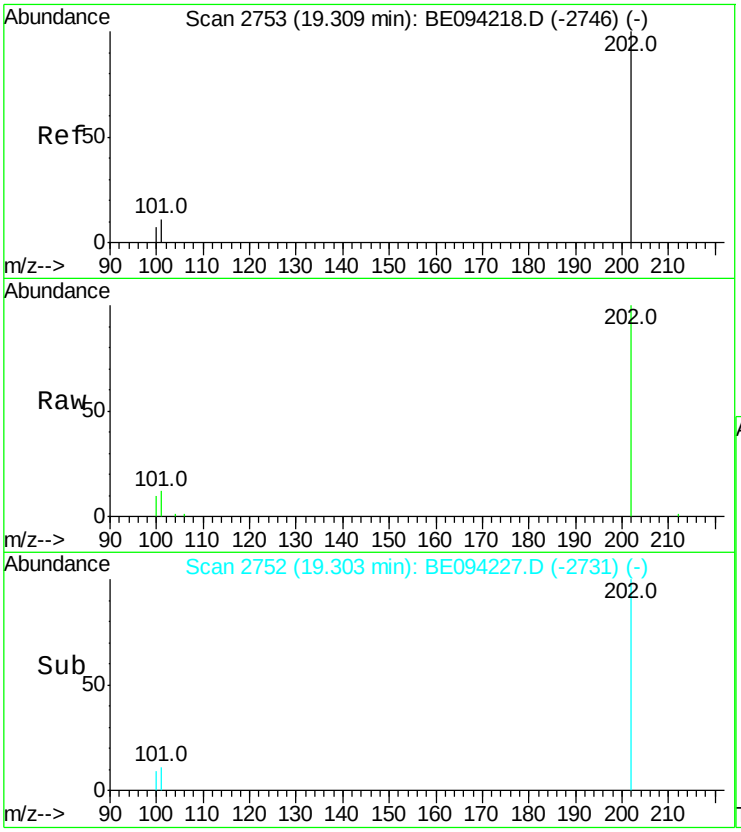


#12
Phenanthrene
Concen: 0.162 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BE094227.D
Acq: 9 Oct 2017 18:57

Tgt Ion:178 Resp: 7299

Ion	Ratio	Lower	Upper
178	100		
179	18.2	18.4	27.6#
176	18.4	13.6	20.4

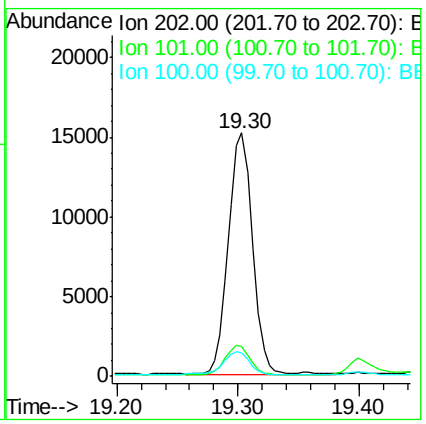




#15
Fluoranthene
Concen: 0.355 ng/ul
RT: 19.30 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BE094227.D
Acq: 9 Oct 2017 18:57

Tgt Ion:202 Resp: 21066

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.3
100	9.6	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
C0AD7

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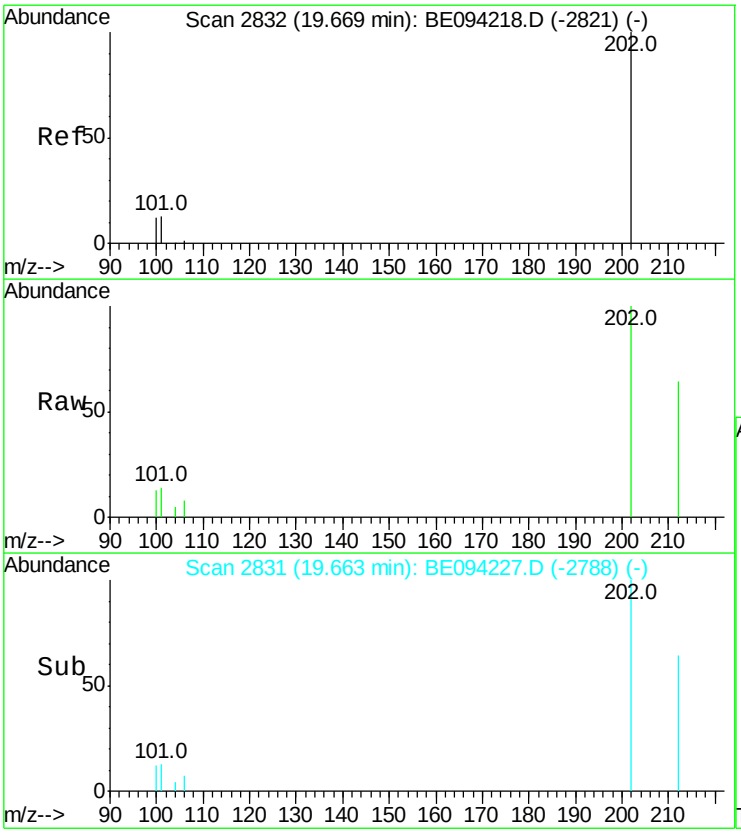
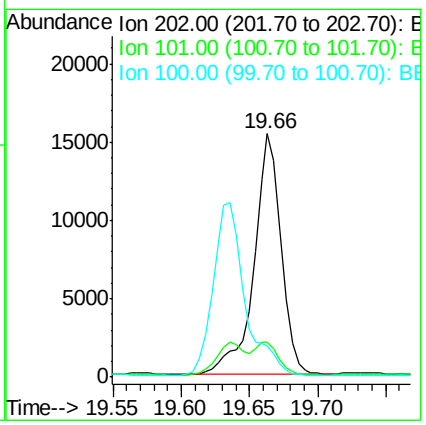
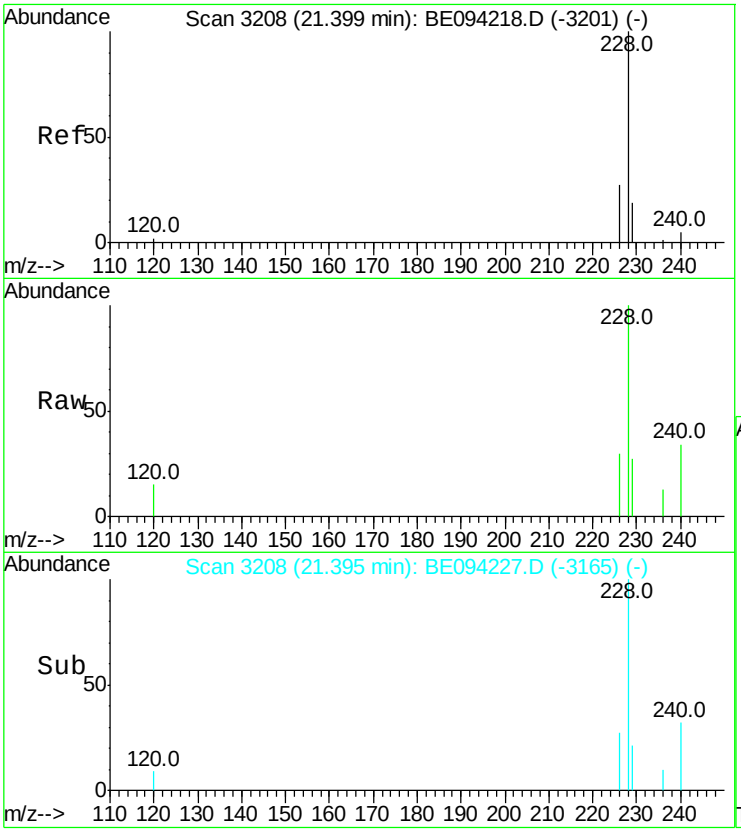


#17
Pyrene
Concen: 0.446 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BE094227.D
Acq: 9 Oct 2017 18:57

Tgt Ion:202 Resp: 21456

Ion	Ratio	Lower	Upper
202	100		
101	14.4	18.2	27.4#
100	12.7	15.6	23.4#

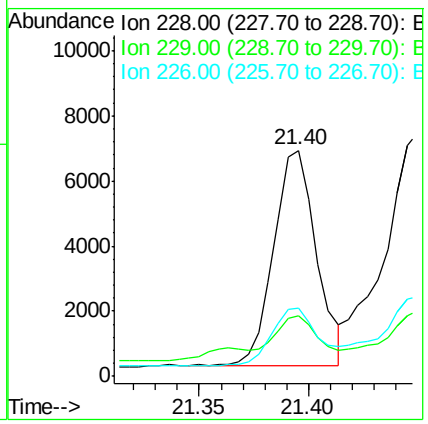




#18
Benzo(a)anthracene
Concen: 0.195 ng/ul
RT: 21.40 min Scan# 3208
Delta R.T. -0.00 min
Lab File: BE094227.D
Acq: 9 Oct 2017 18:57

Tgt Ion:228 Resp: 8940

Ion	Ratio	Lower	Upper
228	100		
229	26.9	22.8	34.2
226	30.3	17.0	25.6#



Instrument :
BNA_E
ClientSampleId :
C0AD7

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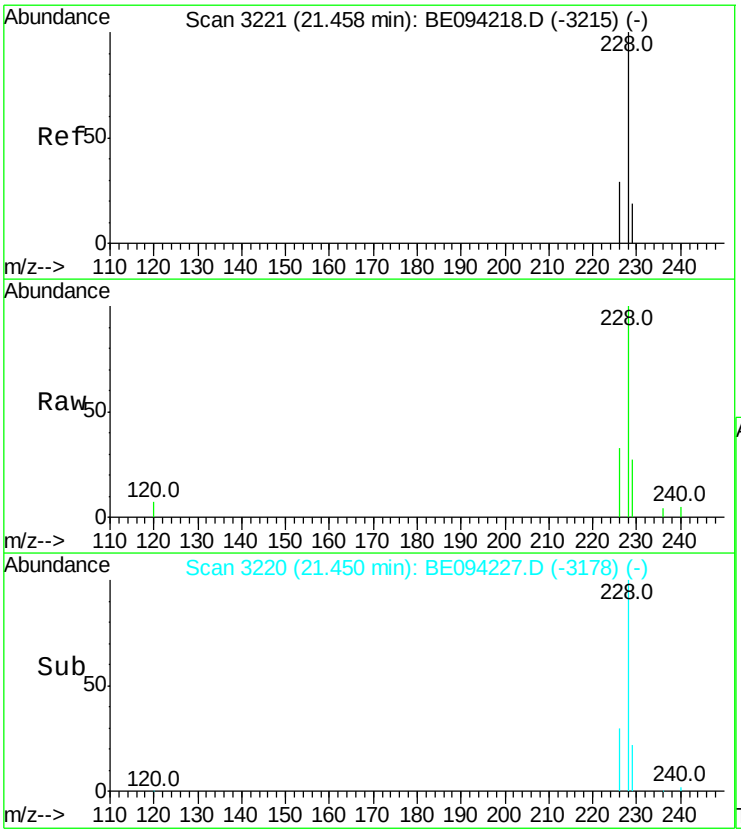
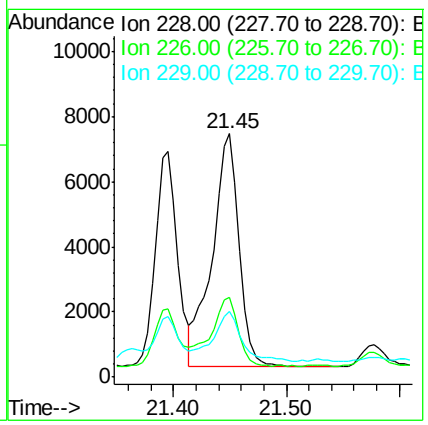
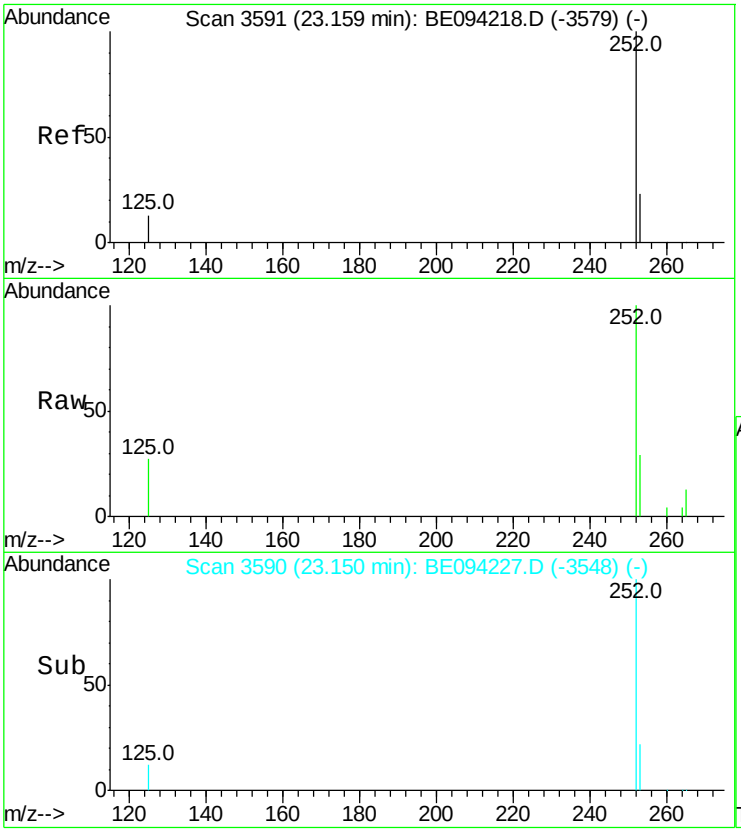


#19
Chrysene
Concen: 0.226 ng/ul
RT: 21.45 min Scan# 3220
Delta R.T. -0.01 min
Lab File: BE094227.D
Acq: 9 Oct 2017 18:57

Tgt Ion:228 Resp: 11937

Ion	Ratio	Lower	Upper
228	100		
226	32.8	23.4	35.0
229	26.8	17.7	26.5#

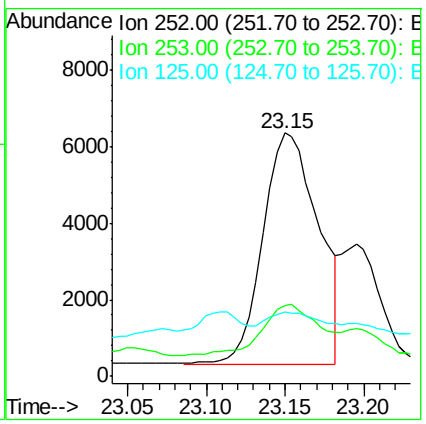




#21
Benzo(b)fluoranthene
Concen: 0.345 ng/ul m
RT: 23.15 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BE094227.D
Acq: 9 Oct 2017 18:57

Tgt Ion:252 Resp: 14762

Ion	Ratio	Lower	Upper
252	100		
253	28.9	0.0	64.2
125	26.6	0.0	35.0



Instrument :
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ClientSampleId :
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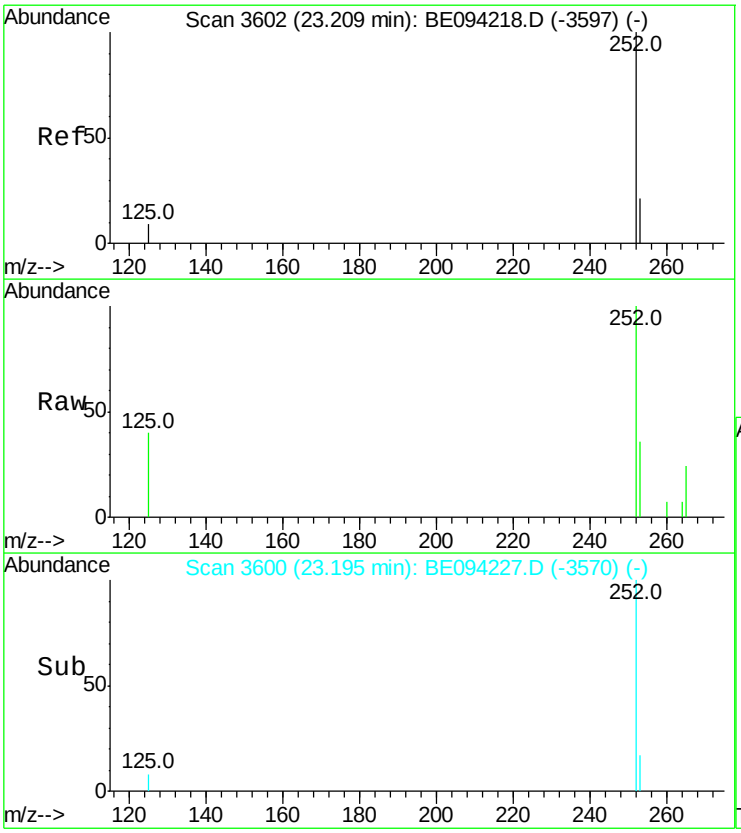
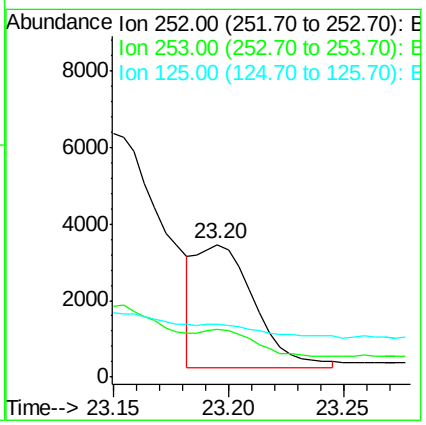
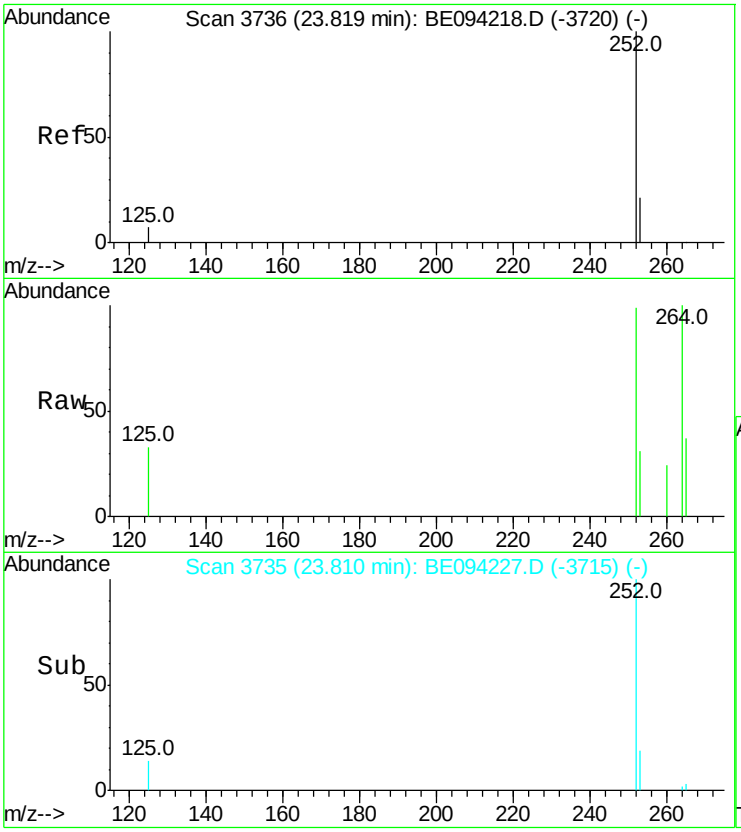


#22
Benzo(k)fluoranthene
Concen: 0.117 ng/ul m
RT: 23.20 min Scan# 3600
Delta R.T. -0.01 min
Lab File: BE094227.D
Acq: 9 Oct 2017 18:57

Tgt Ion:252 Resp: 5767

Ion	Ratio	Lower	Upper
252	100		
253	35.7	24.5	36.7
125	40.1	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 0.210 ng/ul m
RT: 23.81 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BE094227.D
Acq: 9 Oct 2017 18:57

Tgt Ion:252 Resp: 9316

Ion	Ratio	Lower	Upper
252	100		
253	31.6	28.5	42.7
125	32.7	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
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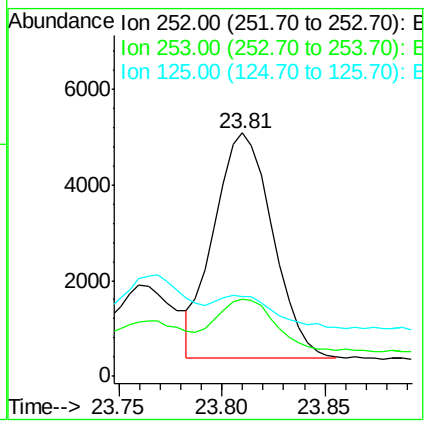
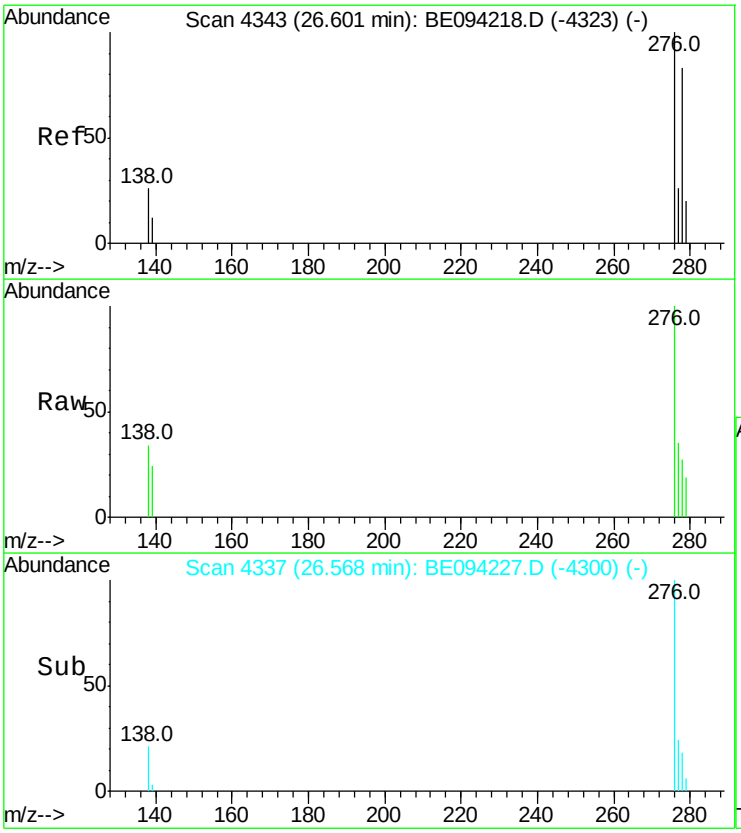
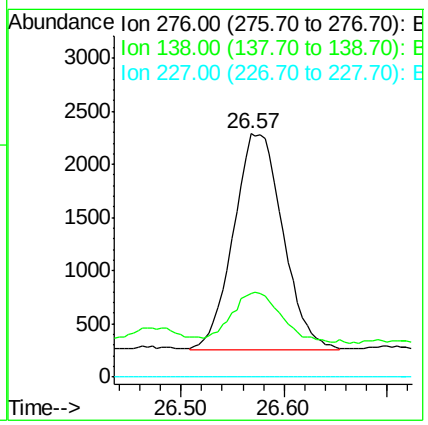


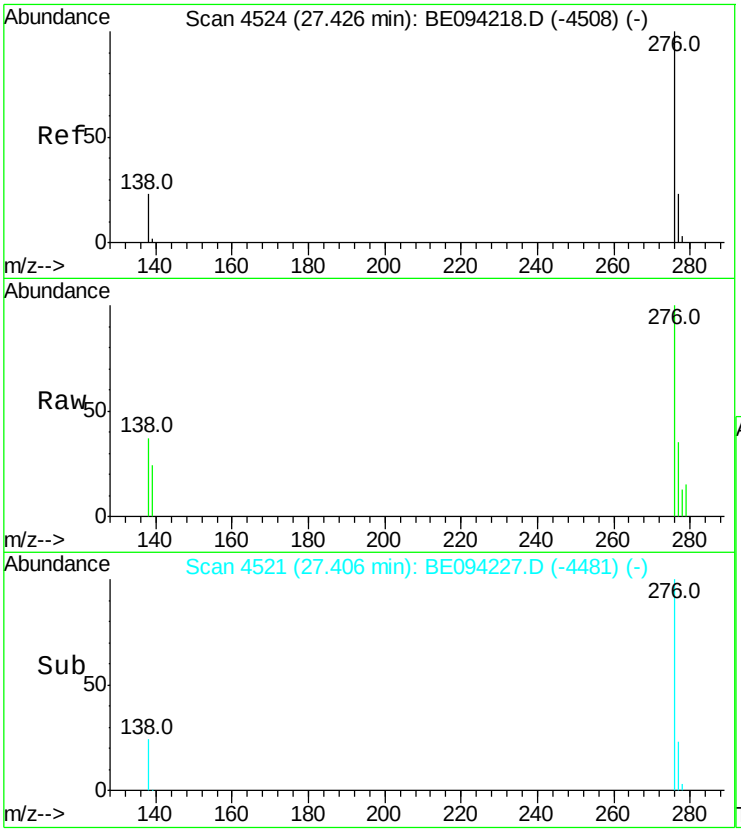


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.150 ng/ul m
RT: 26.57 min Scan# 4337
Delta R.T. -0.03 min
Lab File: BE094227.D
Acq: 9 Oct 2017 18:57

Tgt Ion:276 Resp: 6829

Ion	Ratio	Lower	Upper
276	100		
138	1.5	28.0	42.0#
227	0.0	8.0	12.0#

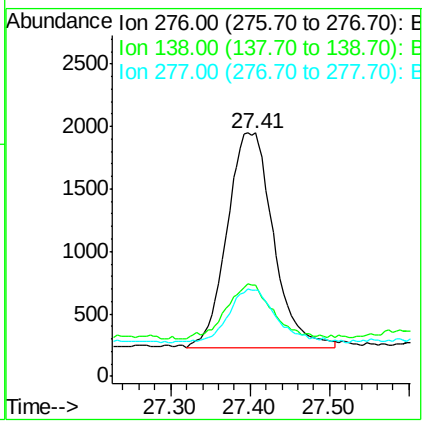




#26
Benzo(g,h,i)perylene
Concen: 0.179 ng/ul m
RT: 27.41 min Scan# 4521
Delta R.T. -0.02 min
Lab File: BE094227.D
Acq: 9 Oct 2017 18:57

Tgt Ion:276 Resp: 7038

Ion	Ratio	Lower	Upper
276	100		
138	37.4	21.8	32.8#
277	35.2	20.5	30.7#



Instrument :
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