Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094396.D
Acq On : 15 Oct 2017 16:54
Operator : SJ/JU
Sample : I5548-16DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF6DL

Manual Integrations APPROVED
Sohil
10/16/2017 8:26:27 PM

Quant Time: Oct 16 07:41:53 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 16 06:50:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2143	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	11183	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	6867	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	16267	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	16297	0.40	ng/ul	0.00
20) Perylene-d12	23.94	264	15866	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	731	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2039	0.04	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.24	152	828	0.031	ng/ul#	81
8) Acenaphthene	14.58	153	578	0.026	ng/ul	97
9) Fluorene	15.57	166	715	0.028	ng/ul#	88
12) Phenanthrene	17.29	178	15494	0.364	ng/ul#	90
13) Anthracene	17.38	178	3533	0.085	ng/ul	92
15) Fluoranthene	19.31	202	39087	0.700	ng/ul	84
17) Pyrene	19.67	202	37198	0.820	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	20175	0.467	ng/ul#	88
19) Chrysene	21.45	228	20585	0.412	ng/ul	97
21) Benzo(b)fluoranthene	23.16	252	25478m	0.591	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	8302m	0.167	ng/ul	
23) Benzo(a)pyrene	23.83	252	17216	0.384	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.61	276	11482	0.251	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.61	278	3162	0.082	ng/ul#	69
26) Benzo(g,h,i)perylene	27.45	276	9325	0.236	ng/ul	94

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094396.D
Acq On : 15 Oct 2017 16:54
Operator : SJ/JU
Sample : I5548-16DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Oct 16 07:41:53 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 16 06:50:03 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AF6DL

Manual Integrations APPROVED
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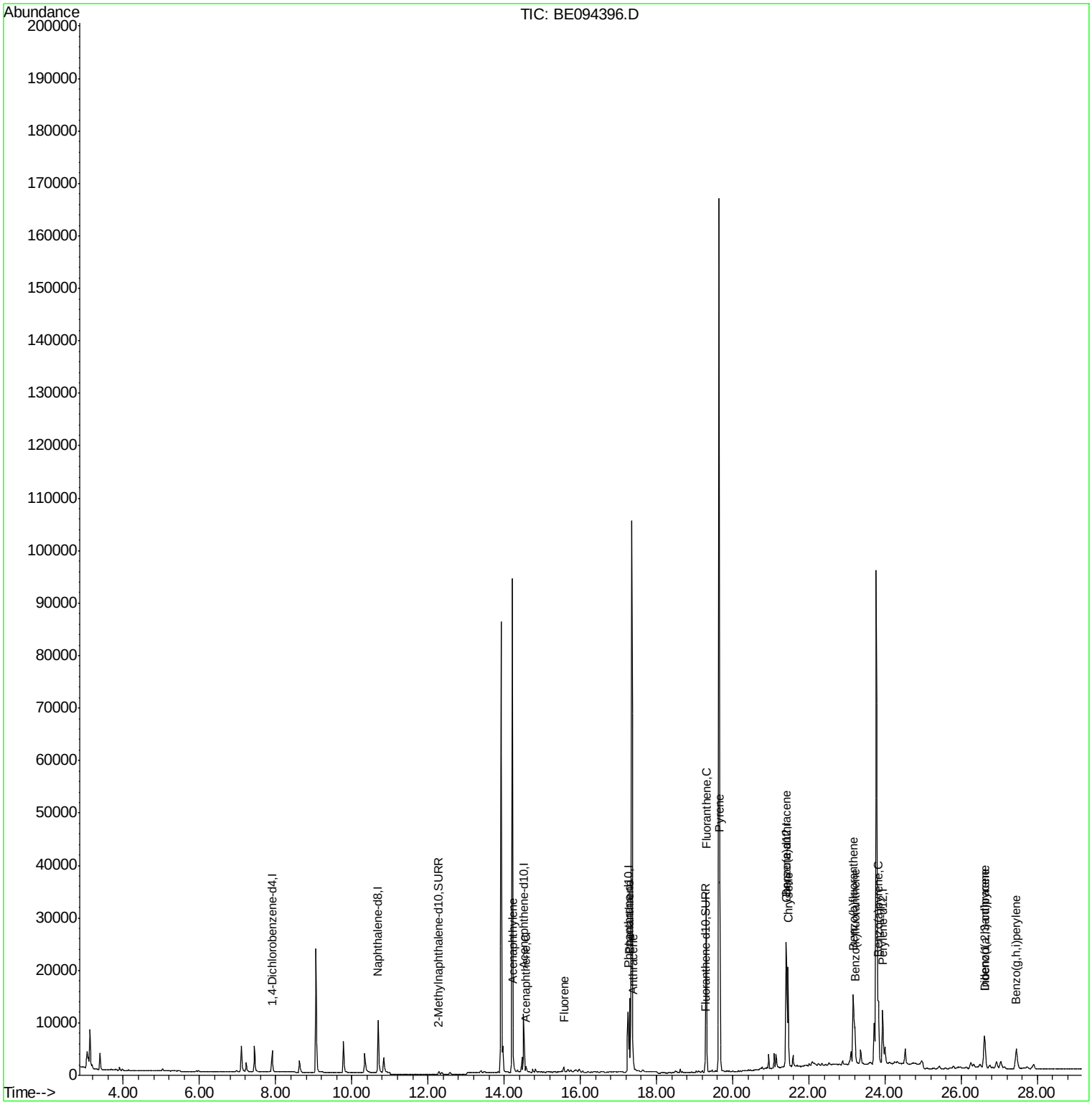

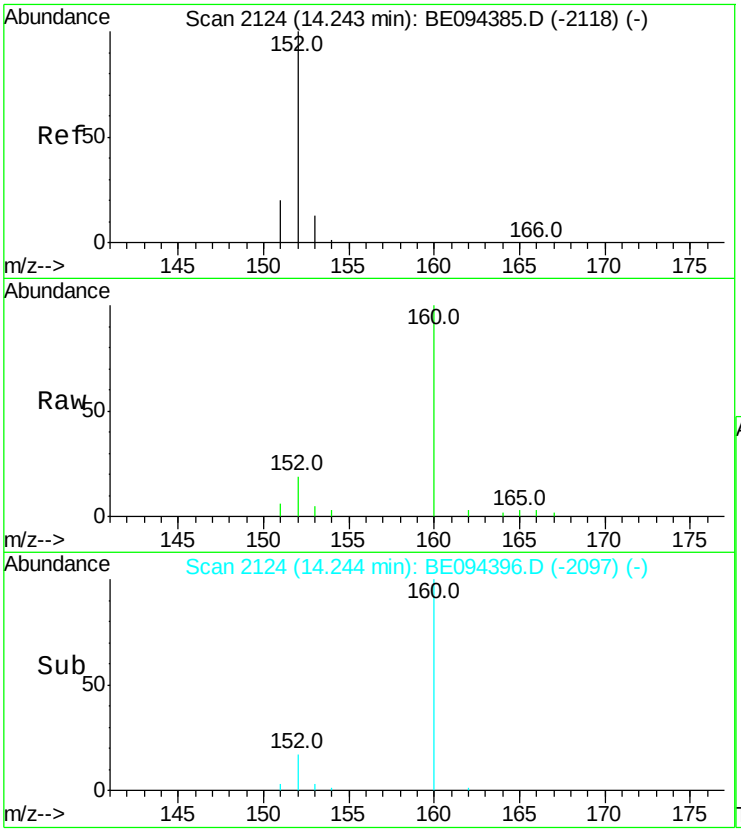

#7
Acenaphthylene
Concen: 0.031 ng/ul
RT: 14.24 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BE094396.D
Acq: 15 Oct 2017 16:54

Tgt Ion:152 Resp: 828

Ion	Ratio	Lower	Upper
152	100		
151	29.6	17.1	25.7#
153	24.8	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
C0AF6DL

Manual Integrations APPROVED
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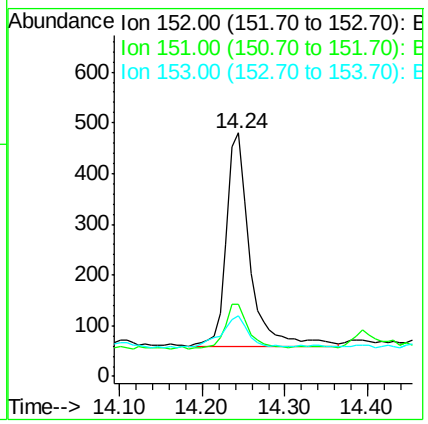
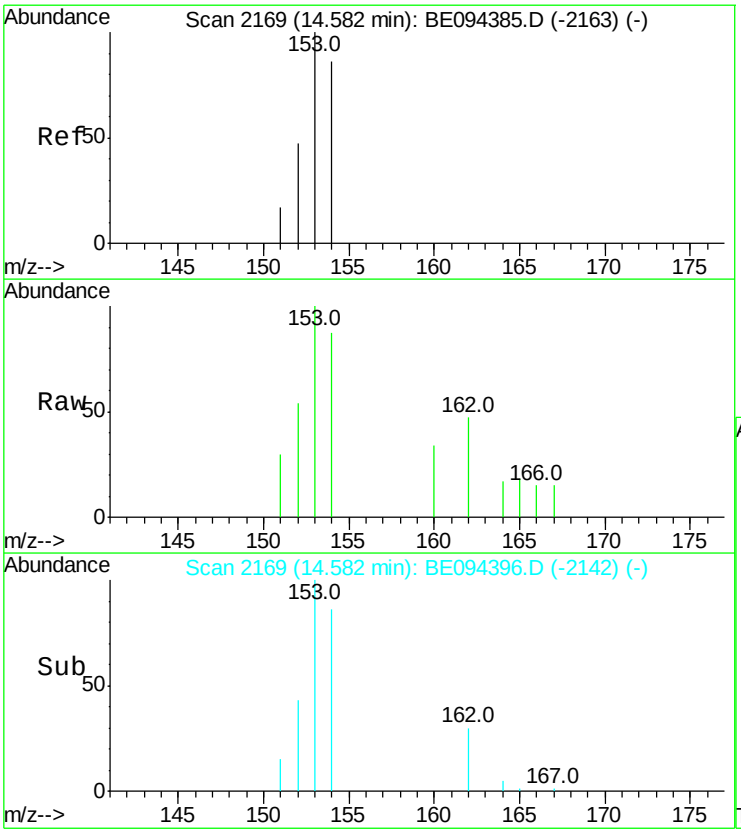
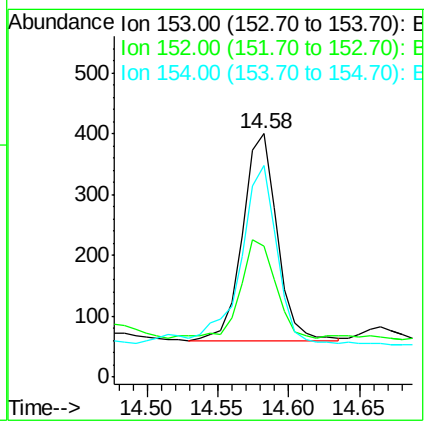


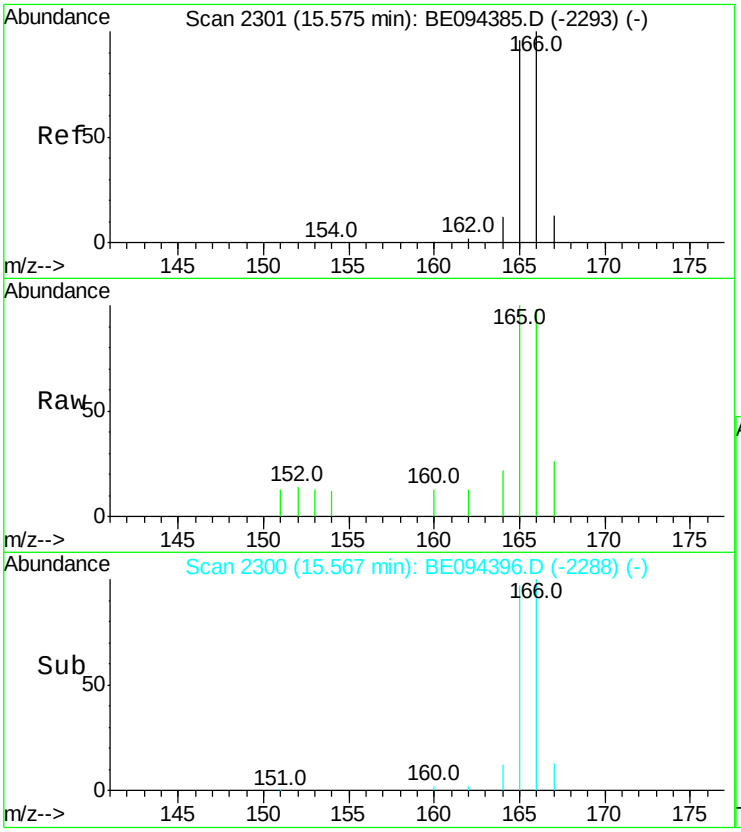


#8
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.58 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BE094396.D
Acq: 15 Oct 2017 16:54

Tgt Ion:153 Resp: 578

Ion	Ratio	Lower	Upper
153	100		
152	54.0	40.3	60.5
154	87.0	71.4	107.2

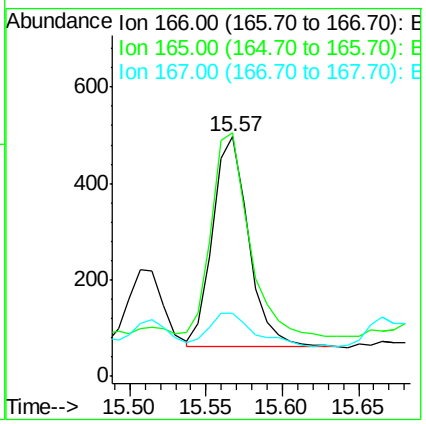




#9
Fluorene
Concen: 0.028 ng/ul
RT: 15.57 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BE094396.D
Acq: 15 Oct 2017 16:54

Tgt Ion:166 Resp: 715

Ion	Ratio	Lower	Upper
166	100		
165	101.6	73.4	110.2
167	26.2	14.6	22.0#



Instrument :
BNA_E
ClientSampleId :
C0AF6DL

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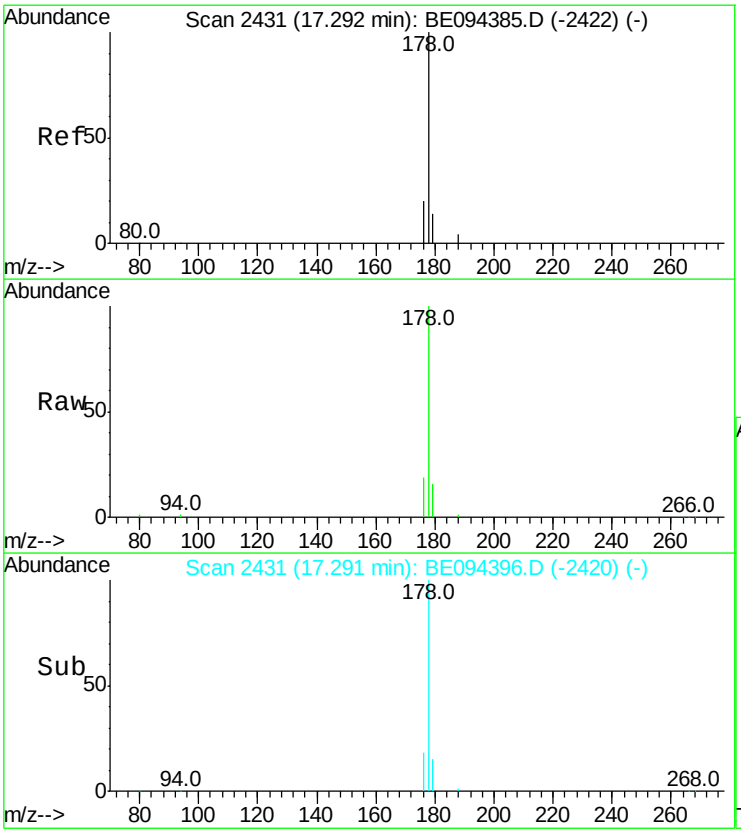
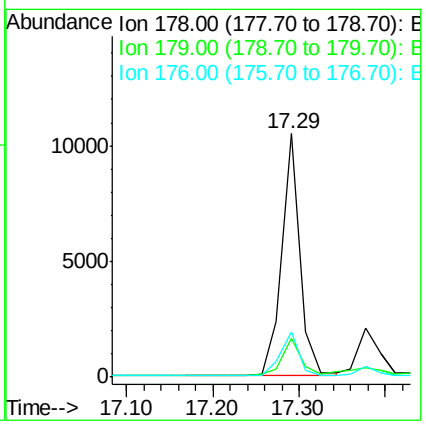
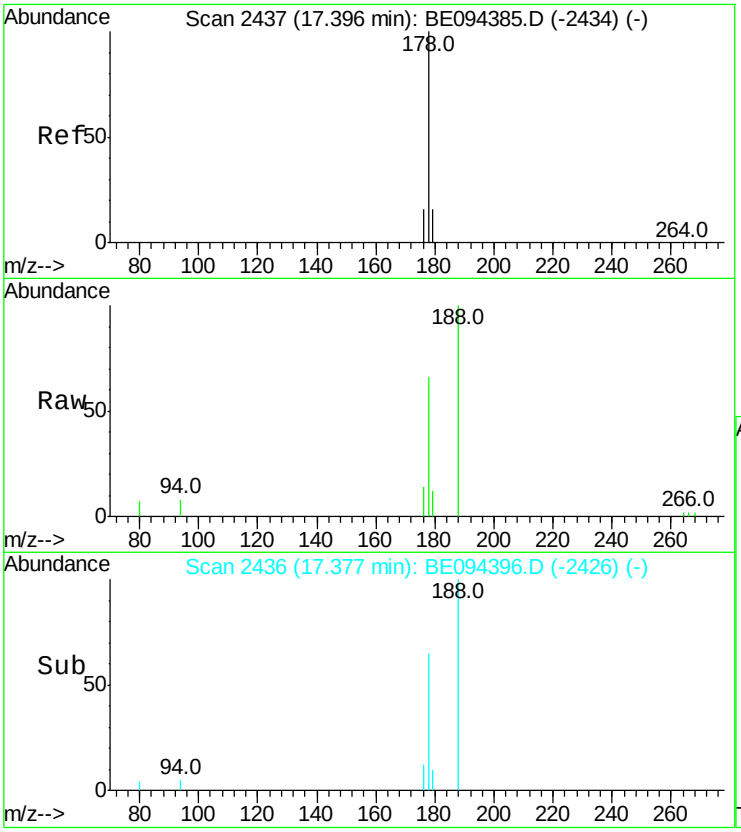


#12
Phenanthrene
Concen: 0.364 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BE094396.D
Acq: 15 Oct 2017 16:54

Tgt Ion:178 Resp: 15494

Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.4	27.6#
176	18.8	13.6	20.4

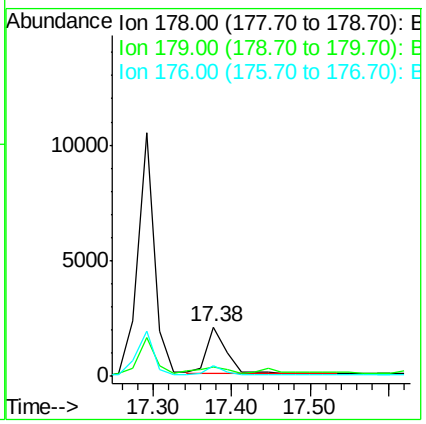




#13
Anthracene
Concen: 0.085 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BE094396.D
Acq: 15 Oct 2017 16:54

Tgt Ion:178 Resp: 3533

Ion	Ratio	Lower	Upper
178	100		
179	18.3	18.1	27.1
176	21.9	14.7	22.1



Instrument :
BNA_E
ClientSampleId :
C0AF6DL

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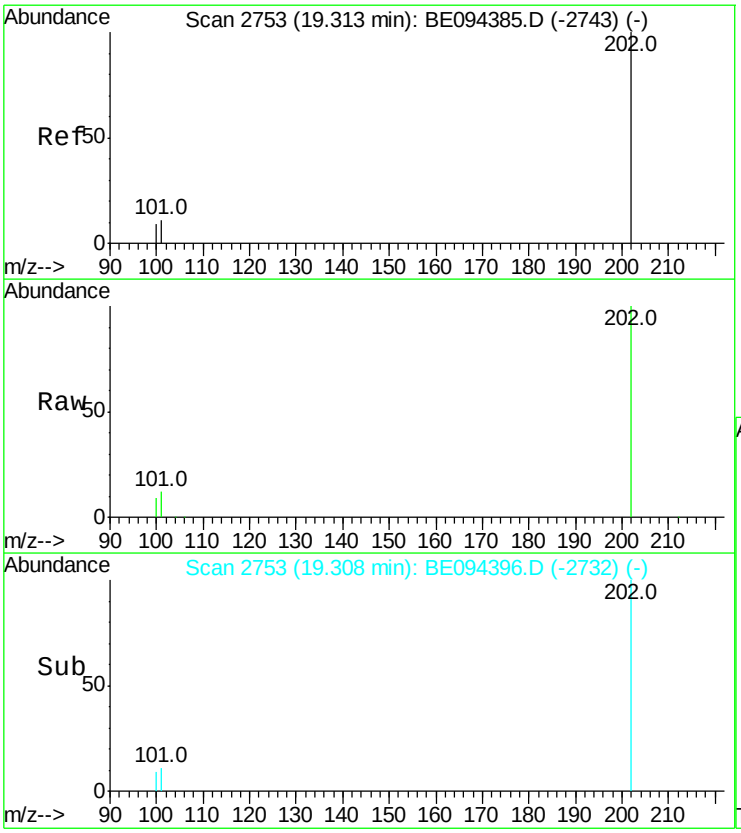
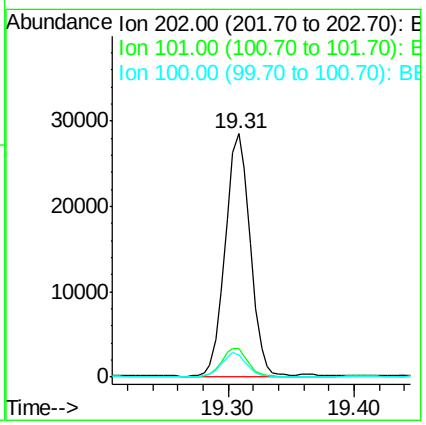
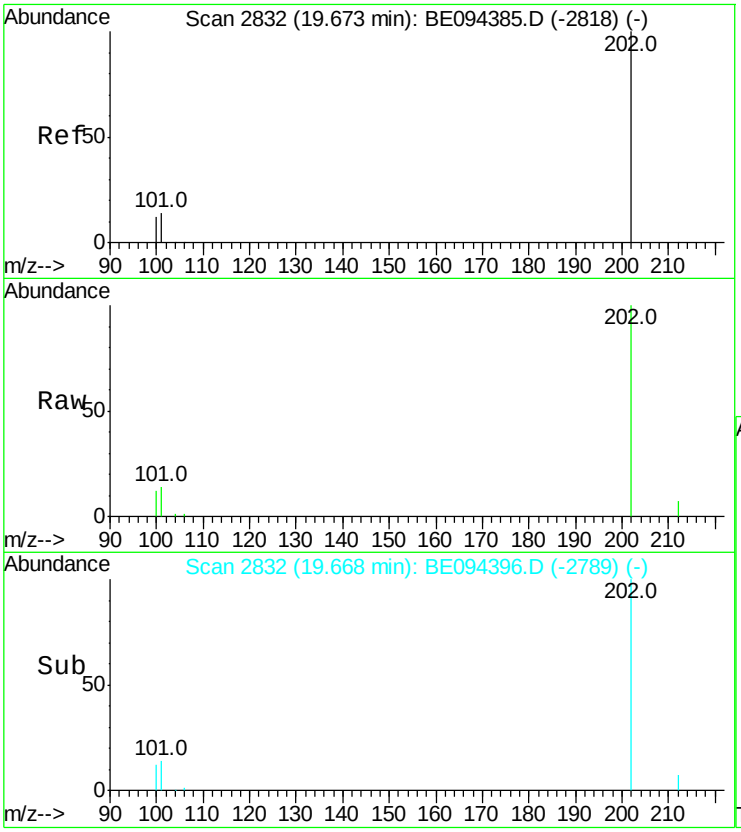


#15
Fluoranthene
Concen: 0.700 ng/ul
RT: 19.31 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BE094396.D
Acq: 15 Oct 2017 16:54

Tgt Ion:202 Resp: 39087

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.3
100	9.4	0.0	39.5





#17
Pyrene
Concen: 0.820 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BE094396.D
Acq: 15 Oct 2017 16:54

Tgt Ion:202 Resp: 37198

Ion	Ratio	Lower	Upper
202	100		
101	14.1	18.2	27.4#
100	12.1	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AF6DL

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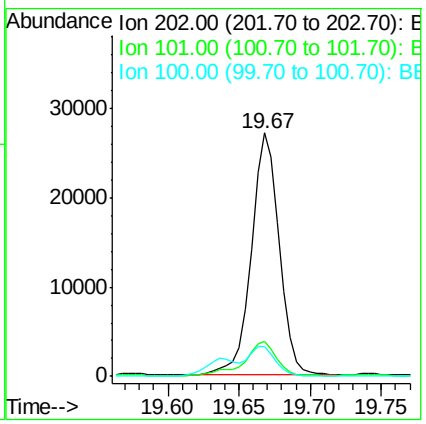
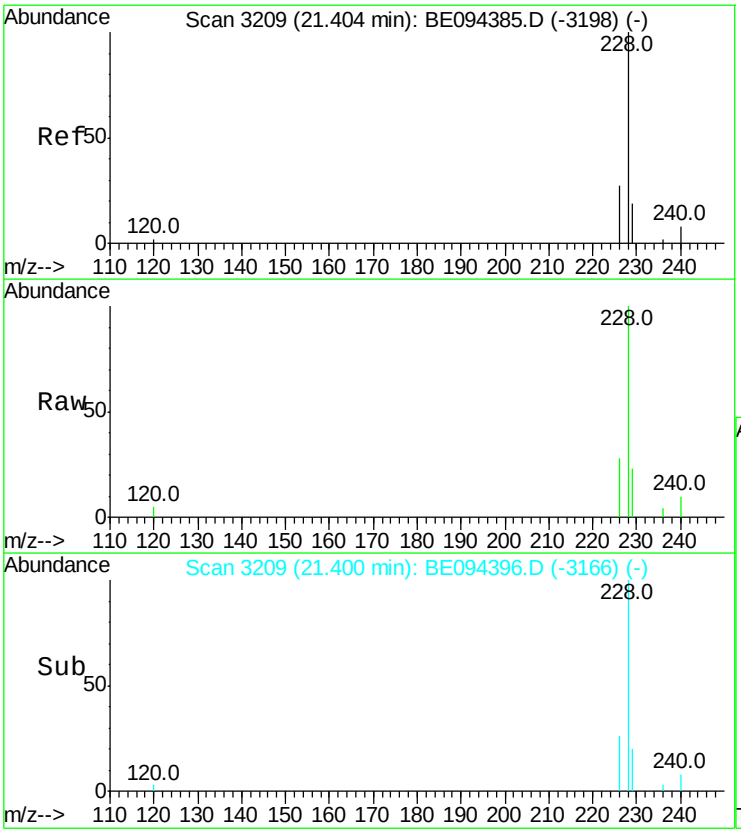
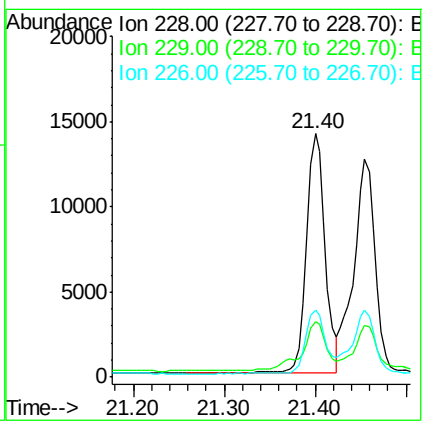


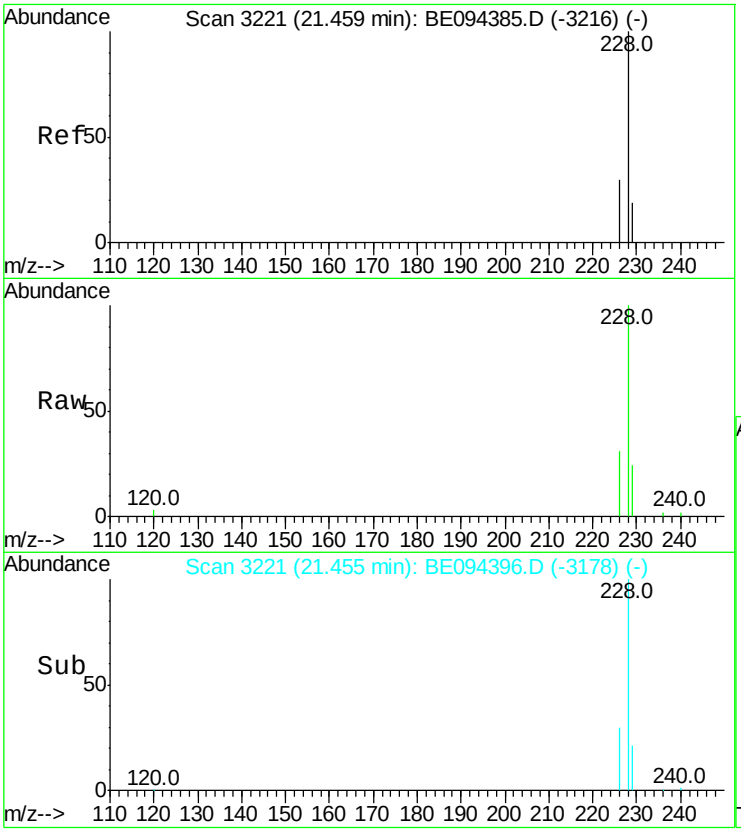


#18
Benzo(a)anthracene
Concen: 0.467 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.00 min
Lab File: BE094396.D
Acq: 15 Oct 2017 16:54

Tgt Ion:228 Resp: 20175

Ion	Ratio	Lower	Upper
228	100		
229	23.0	22.8	34.2
226	27.6	17.0	25.6#

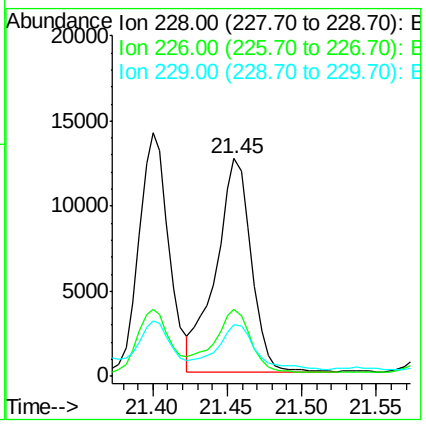




#19
Chrysene
Concen: 0.412 ng/ul
RT: 21.45 min Scan# 3221
Delta R.T. -0.00 min
Lab File: BE094396.D
Acq: 15 Oct 2017 16:54

Tgt Ion:228 Resp: 20585

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.0
229	23.8	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
C0AF6DL

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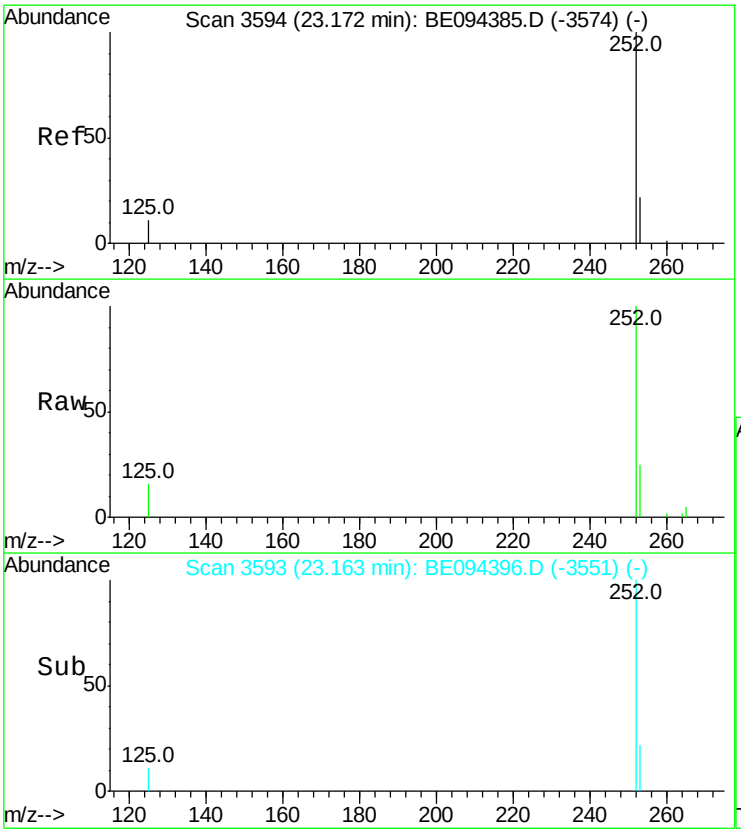
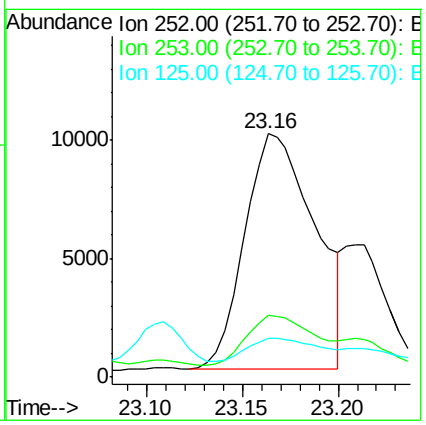
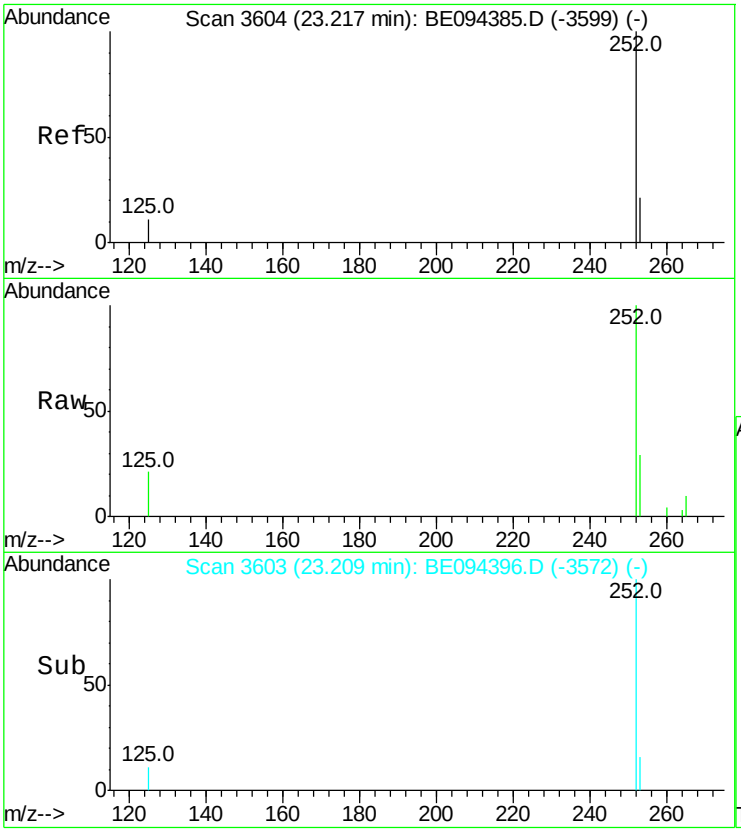


#21
Benzo(b)fluoranthene
Concen: 0.591 ng/ul m
RT: 23.16 min Scan# 3593
Delta R.T. -0.01 min
Lab File: BE094396.D
Acq: 15 Oct 2017 16:54

Tgt Ion:252 Resp: 25478

Ion	Ratio	Lower	Upper
252	100		
253	25.4	0.0	64.2
125	15.7	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.167 ng/ul m
RT: 23.21 min Scan# 3603
Delta R.T. -0.01 min
Lab File: BE094396.D
Acq: 15 Oct 2017 16:54

Tgt Ion:252 Resp: 8302

Ion	Ratio	Lower	Upper
252	100		
253	29.1	24.5	36.7
125	21.3	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
C0AF6DL

Manual Integrations APPROVED
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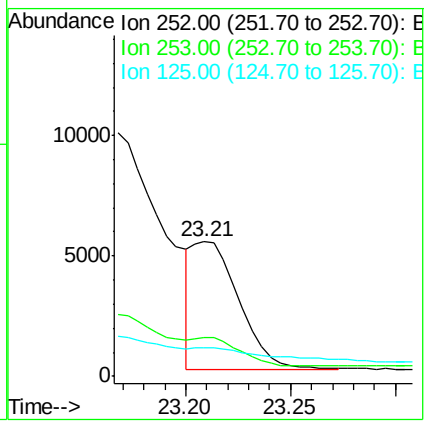
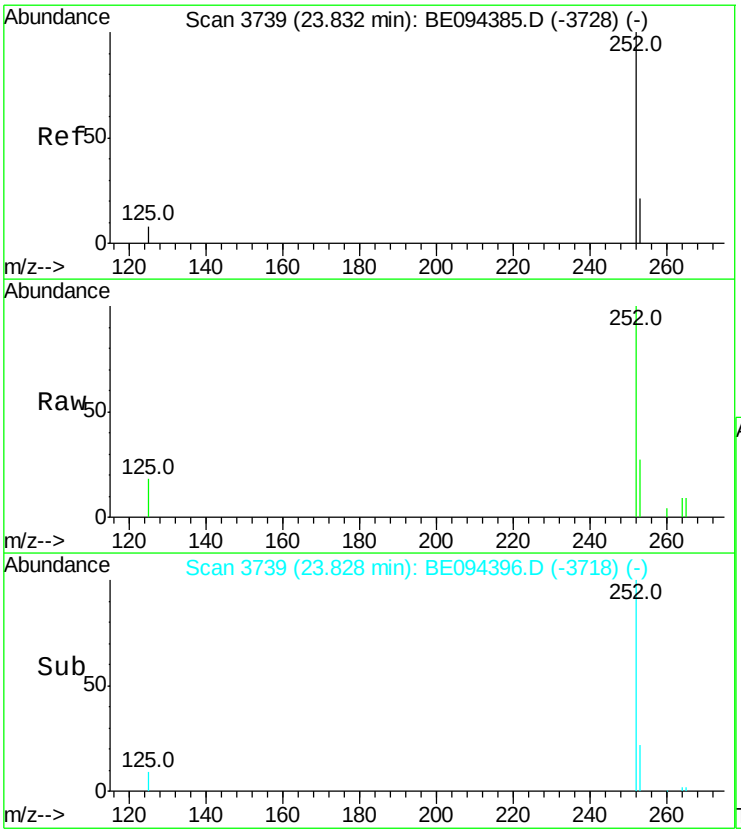
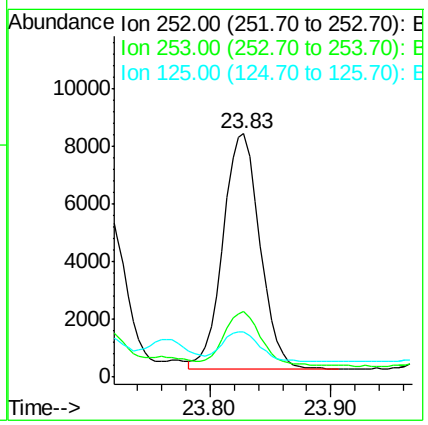


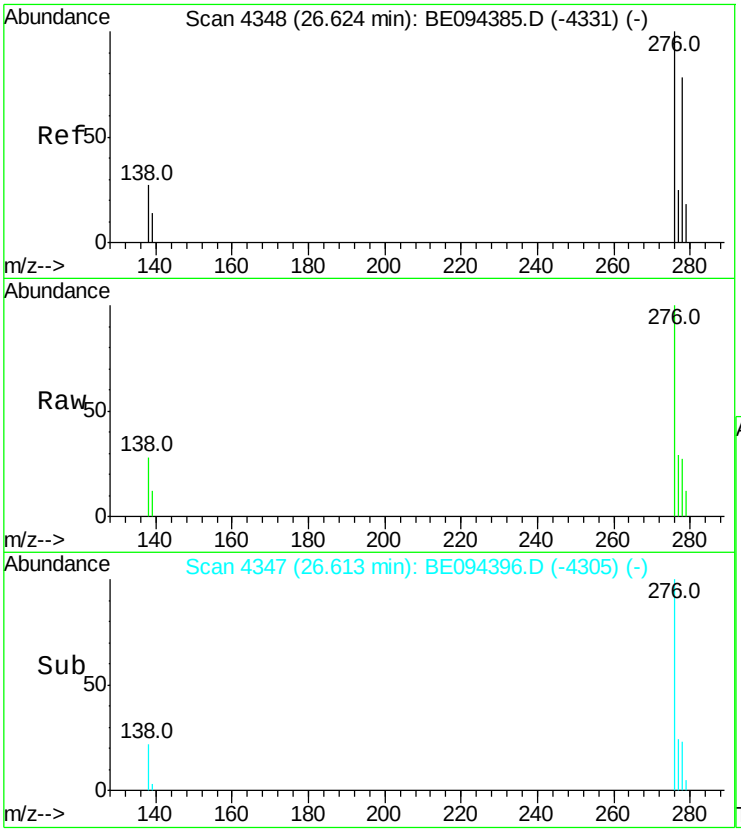


#23
Benzo(a)pyrene
Concen: 0.384 ng/ul
RT: 23.83 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BE094396.D
Acq: 15 Oct 2017 16:54

Tgt Ion:252 Resp: 17216

Ion	Ratio	Lower	Upper
252	100		
253	26.8	28.5	42.7#
125	18.3	18.1	27.1





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.251 ng/ul
RT: 26.61 min Scan# 4347
Delta R.T. -0.01 min
Lab File: BE094396.D
Acq: 15 Oct 2017 16:54

Tgt Ion:276 Resp: 11482

Ion	Ratio	Lower	Upper
276	100		
138	23.9	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
C0AF6DL

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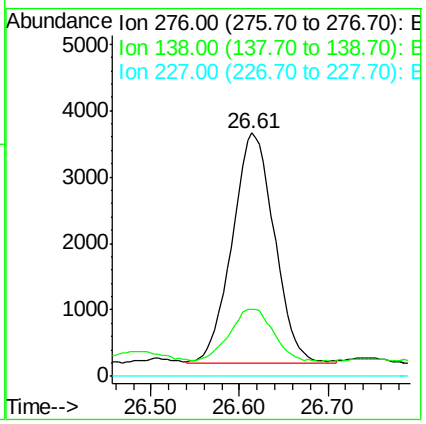
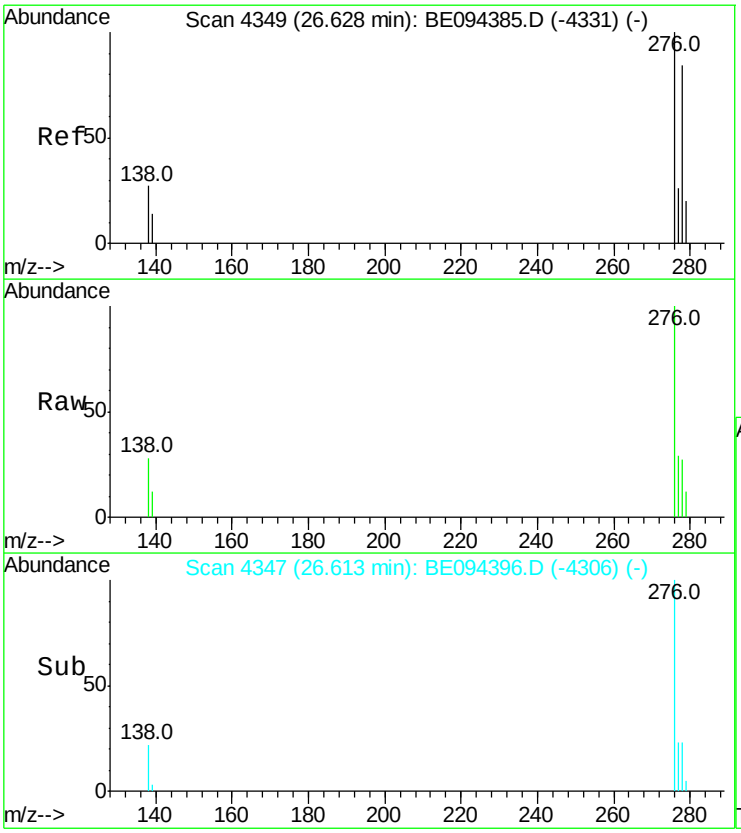
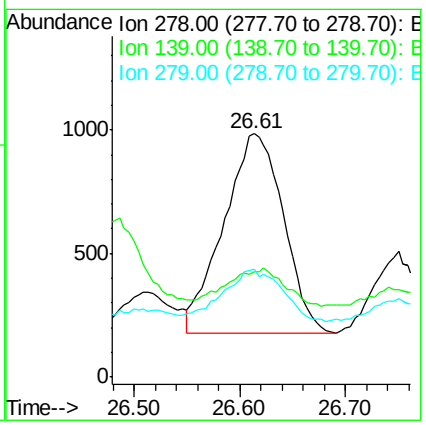


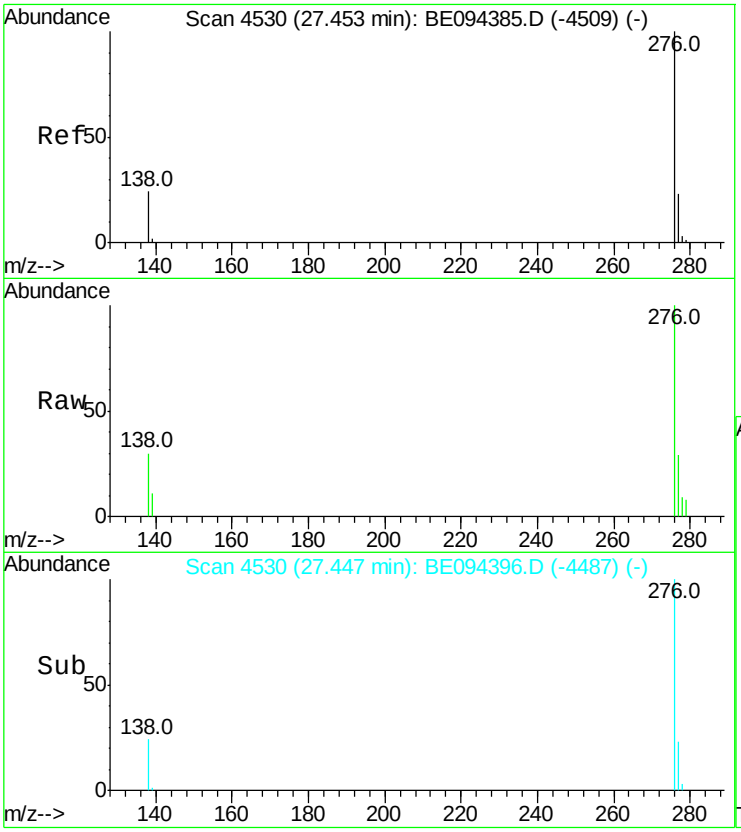


#25
Dibenzo(a,h)anthracene
Concen: 0.082 ng/ul
RT: 26.61 min Scan# 4347
Delta R.T. -0.02 min
Lab File: BE094396.D
Acq: 15 Oct 2017 16:54

Tgt Ion:278 Resp: 3162

Ion	Ratio	Lower	Upper
278	100		
139	43.1	17.4	26.0#
279	44.3	25.9	38.9#

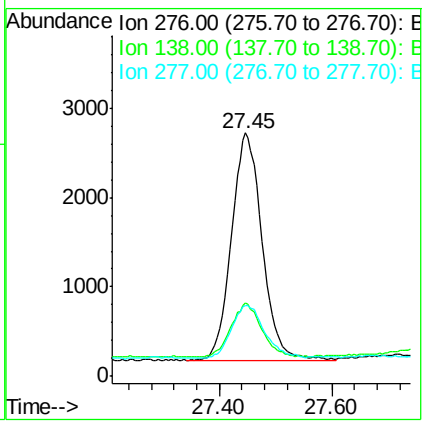




#26
Benzo(g,h,i)perylene
Concen: 0.236 ng/ul
RT: 27.45 min Scan# 4530
Delta R.T. -0.01 min
Lab File: BE094396.D
Acq: 15 Oct 2017 16:54

Tgt Ion:276 Resp: 9325

Ion	Ratio	Lower	Upper
276	100		
138	30.0	21.8	32.8
277	29.3	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
C0AF6DL

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