Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094306.D
Acq On : 12 Oct 2017 7:32
Operator : SJ/JU
Sample : I5649-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-59(12-13.5)-100317

Manual Integrations APPROVED
Sohil
10/13/2017 12:06:15 PM

Quant Time: Oct 12 09:46:04 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 08:55:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2580	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	8785	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	5107	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	10655m	0.40	ng/ul	0.02
16) Chrysene-d12	21.43	240	9849	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	11165m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	5939	0.44	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	13377	0.38	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.26	152	1137	0.057	ng/ul#	75
8) Acenaphthene	14.60	153	996	0.061	ng/ul	97
9) Fluorene	15.58	166	1586	0.083	ng/ul	91
12) Phenanthrene	17.31	178	17355	0.623	ng/ul#	92
13) Anthracene	17.39	178	8257	0.305	ng/ul#	91
15) Fluoranthene	19.32	202	64425	1.761	ng/ul	84
17) Pyrene	19.69	202	63546	2.319	ng/ul#	81
18) Benzo(a)anthracene	21.42	228	30259	1.158	ng/ul#	90
19) Chrysene	21.47	228	26865	0.890	ng/ul#	84
21) Benzo(b)fluoranthene	23.19	252	24735	0.816	ng/ul#	73
22) Benzo(k)fluoranthene	23.24	252	10119m	0.289	ng/ul	
23) Benzo(a)pyrene	23.86	252	20986m	0.666	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.66	276	9353m	0.290	ng/ul	
26) Benzo(g,h,i)perylene	27.50	276	8127m	0.292	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094306.D
Acq On : 12 Oct 2017 7:32
Operator : SJ/JU
Sample : I5649-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 12 09:46:04 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 08:55:52 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
B-59(12-13.5)-100317

Manual Integrations APPROVED
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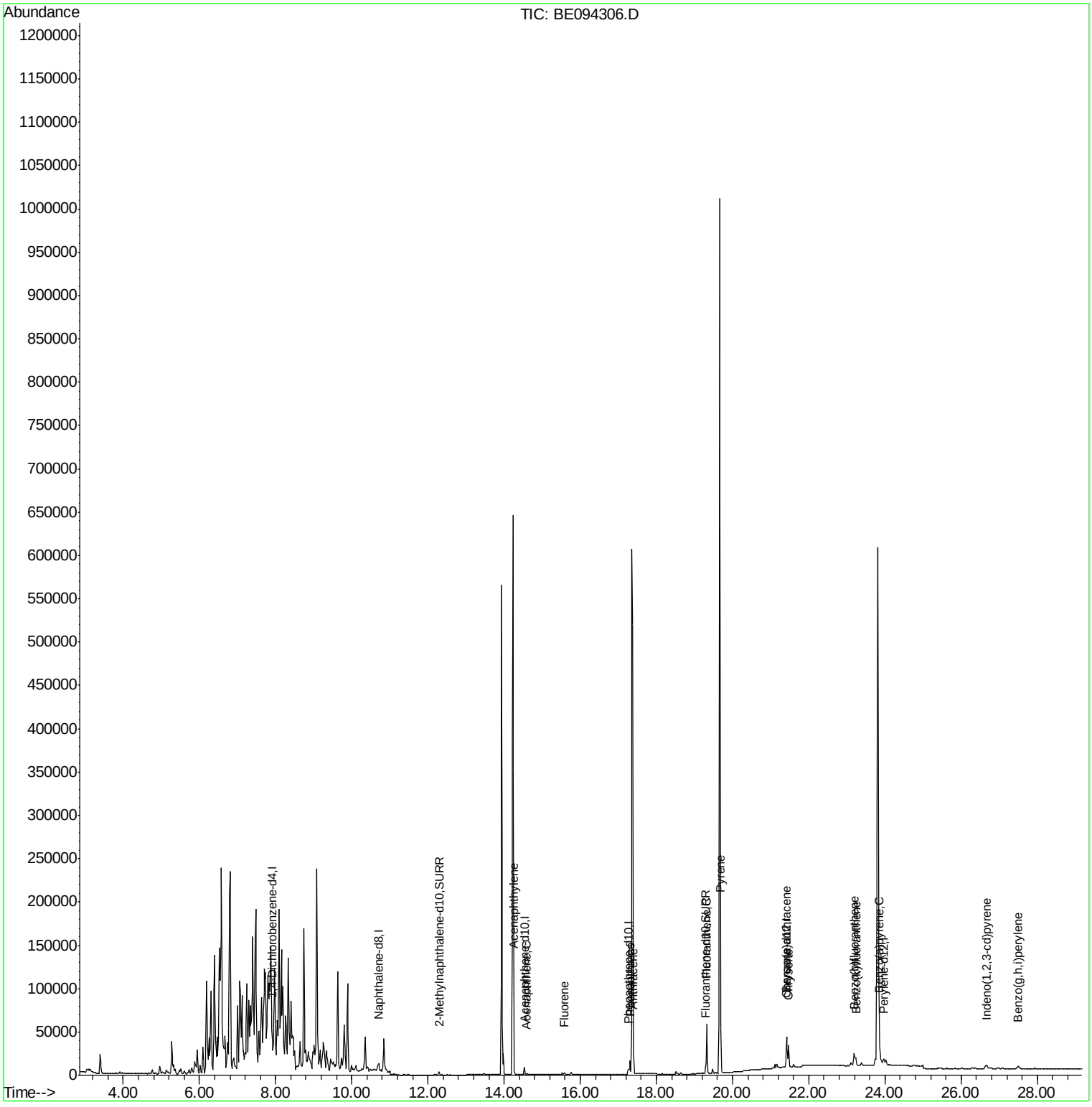

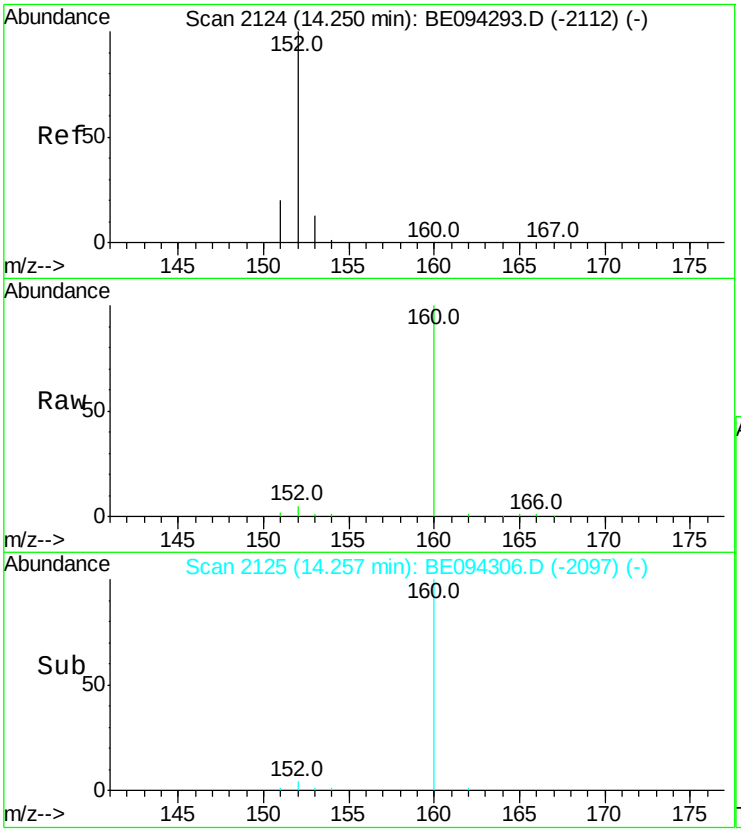

#7
Acenaphthylene
Concen: 0.057 ng/ul
RT: 14.26 min Scan# 2125
Delta R.T. 0.01 min
Lab File: BE094306.D
Acq: 12 Oct 2017 7:32

Tgt Ion:152 Resp: 1137

Ion	Ratio	Lower	Upper
152	100		
151	32.2	17.1	25.7#
153	27.4	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
B-59(12-13.5)-100317

Manual Integrations APPROVED
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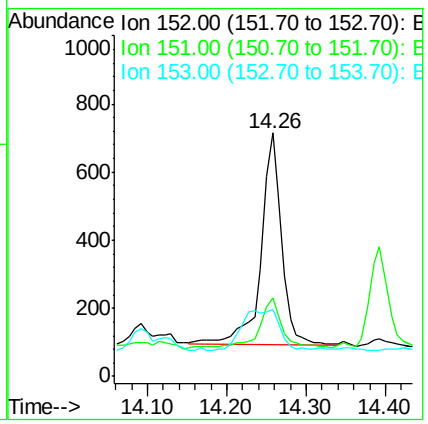
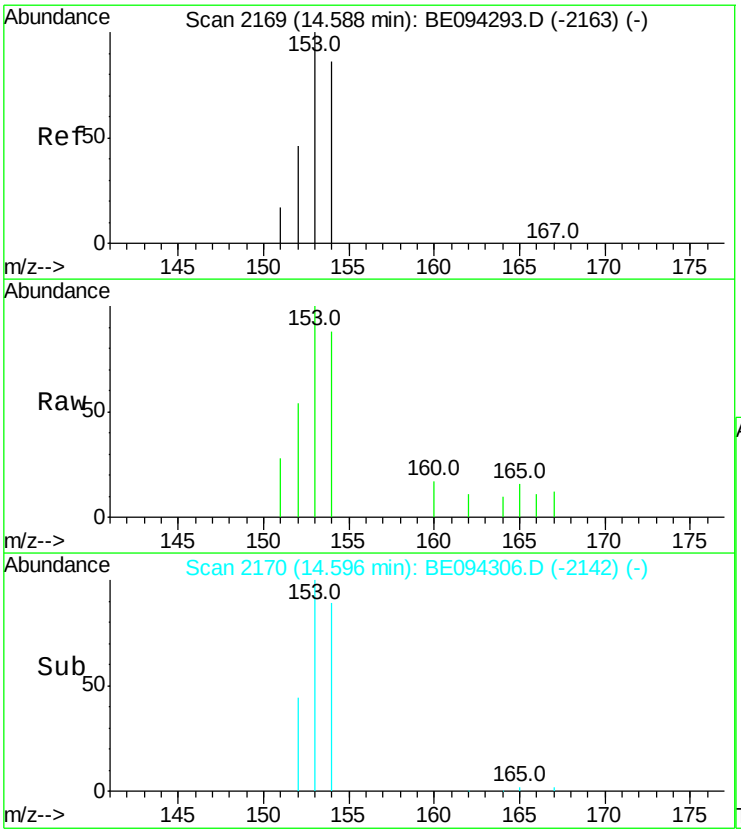
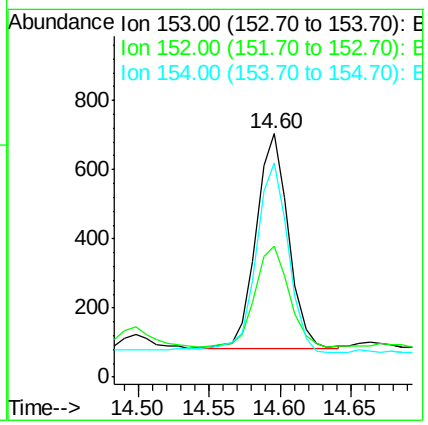


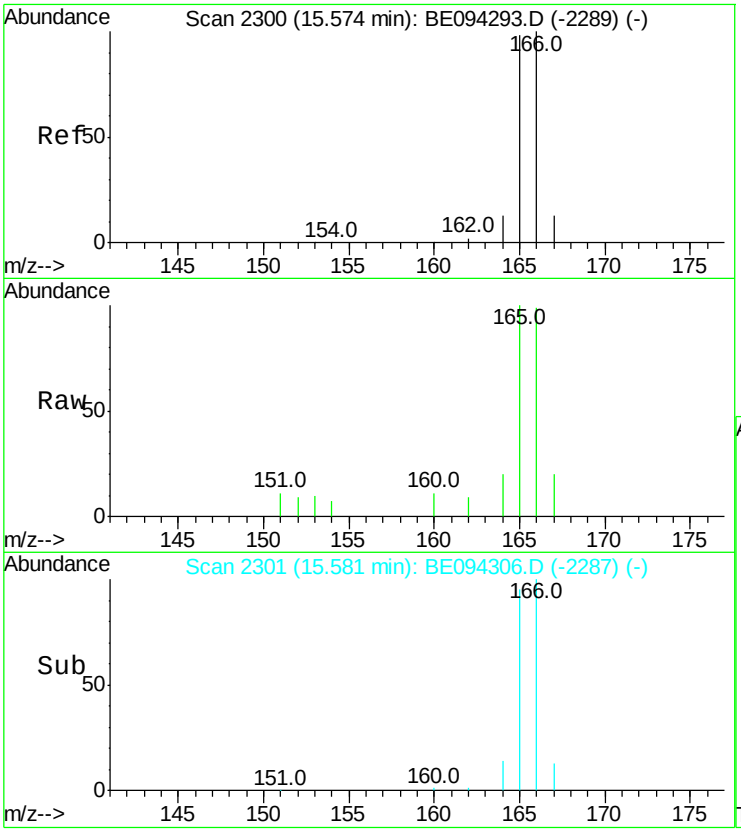


#8
Acenaphthene
Concen: 0.061 ng/ul
RT: 14.60 min Scan# 2170
Delta R.T. 0.01 min
Lab File: BE094306.D
Acq: 12 Oct 2017 7:32

Tgt Ion:153 Resp: 996

Ion	Ratio	Lower	Upper
153	100		
152	53.8	40.3	60.5
154	87.8	71.4	107.2

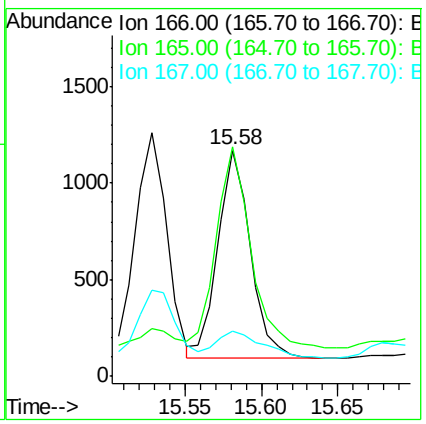




#9
Fluorene
Concen: 0.083 ng/ul
RT: 15.58 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BE094306.D
Acq: 12 Oct 2017 7:32

Tgt Ion:166 Resp: 1586

Ion	Ratio	Lower	Upper
166	100		
165	101.4	73.4	110.2
167	20.2	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
B-59(12-13.5)-100317

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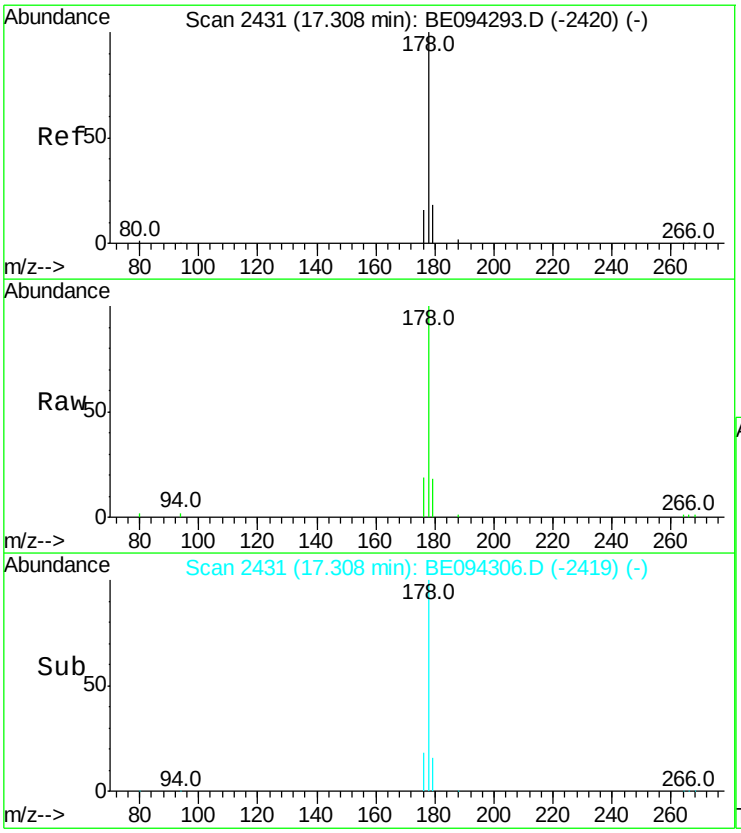
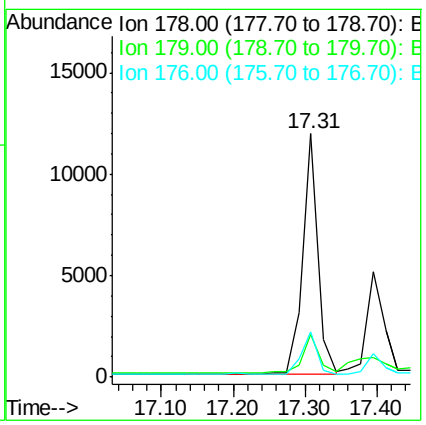
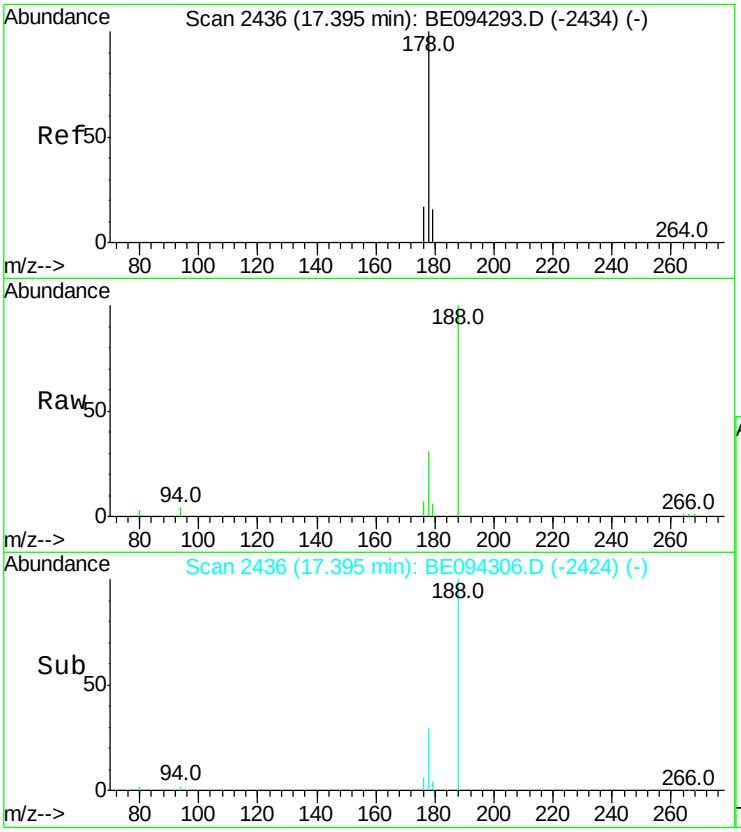


#12
Phenanthrene
Concen: 0.623 ng/ul
RT: 17.31 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BE094306.D
Acq: 12 Oct 2017 7:32

Tgt Ion:178 Resp: 17355

Ion	Ratio	Lower	Upper
178	100		
179	17.6	18.4	27.6#
176	18.6	13.6	20.4

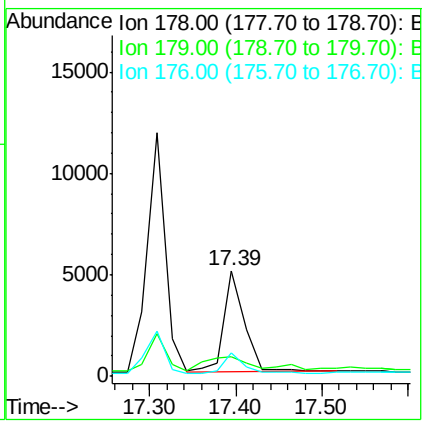




#13
Anthracene
Concen: 0.305 ng/ul
RT: 17.39 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BE094306.D
Acq: 12 Oct 2017 7:32

Tgt Ion:178 Resp: 8257

Ion	Ratio	Lower	Upper
178	100		
179	18.6	18.1	27.1
176	22.5	14.7	22.1#



Instrument :
BNA_E
ClientSampleId :
B-59(12-13.5)-100317

Manual Integrations APPROVED
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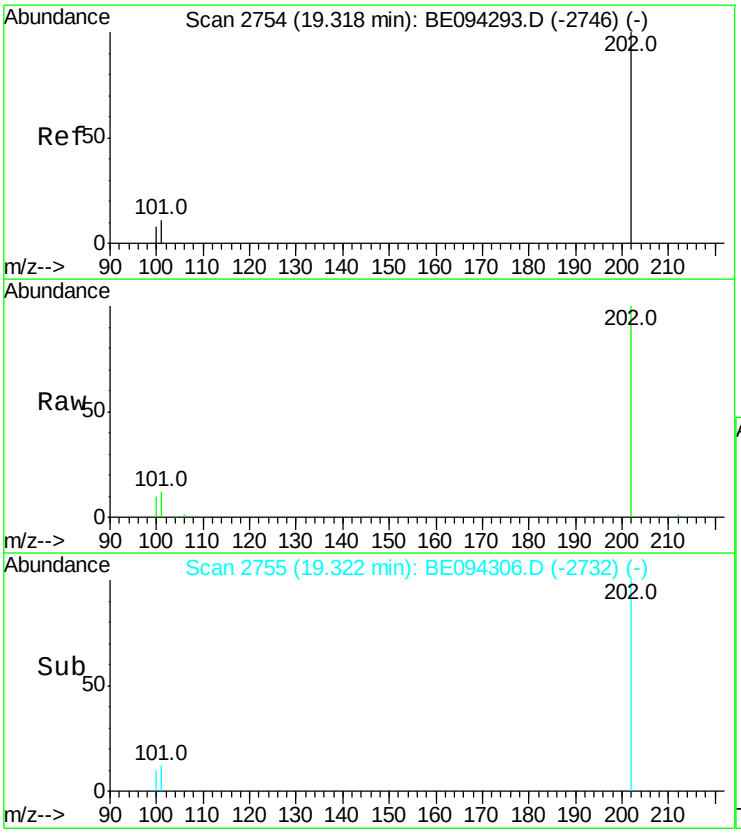
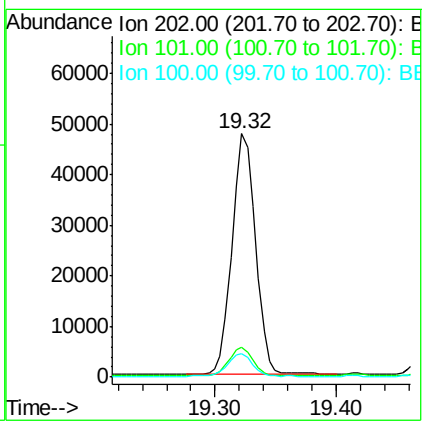
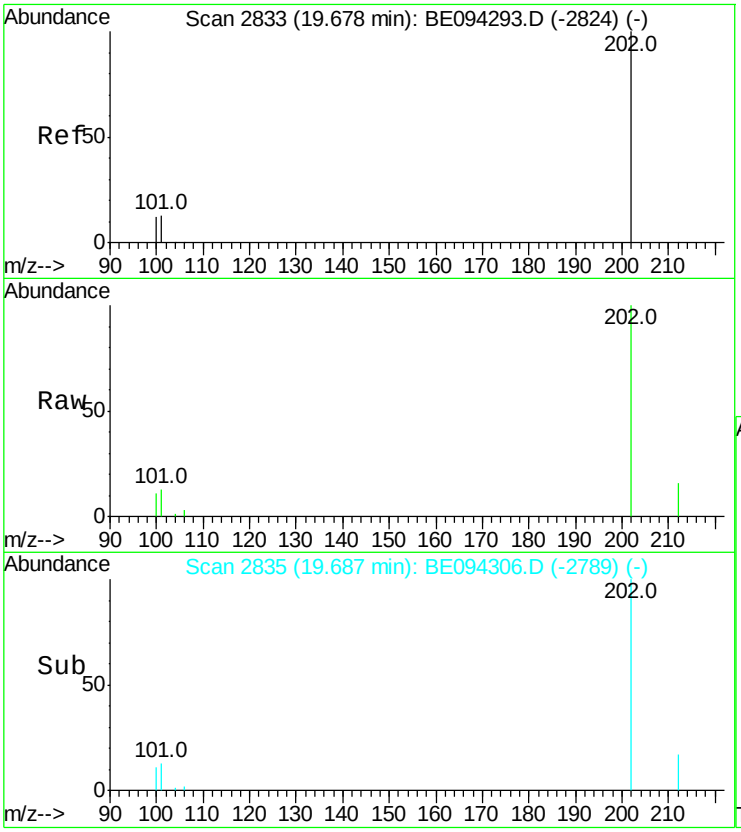


#15
Fluoranthene
Concen: 1.761 ng/ul
RT: 19.32 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BE094306.D
Acq: 12 Oct 2017 7:32

Tgt Ion:202 Resp: 64425

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	30.3
100	9.8	0.0	39.5





#17
Pyrene
Concen: 2.319 ng/ul
RT: 19.69 min Scan# 2835
Delta R.T. 0.01 min
Lab File: BE094306.D
Acq: 12 Oct 2017 7:32

Tgt Ion:202 Resp: 63546

Ion	Ratio	Lower	Upper
202	100		
101	13.4	18.2	27.4#
100	11.4	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
B-59(12-13.5)-100317

Manual Integrations APPROVED
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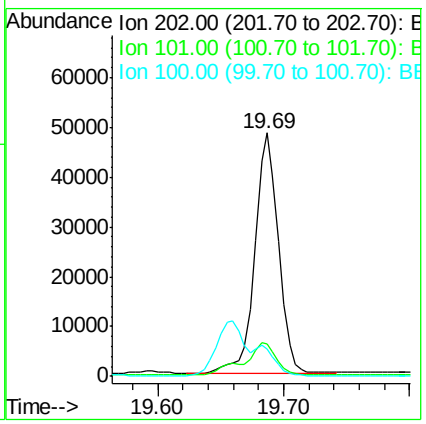
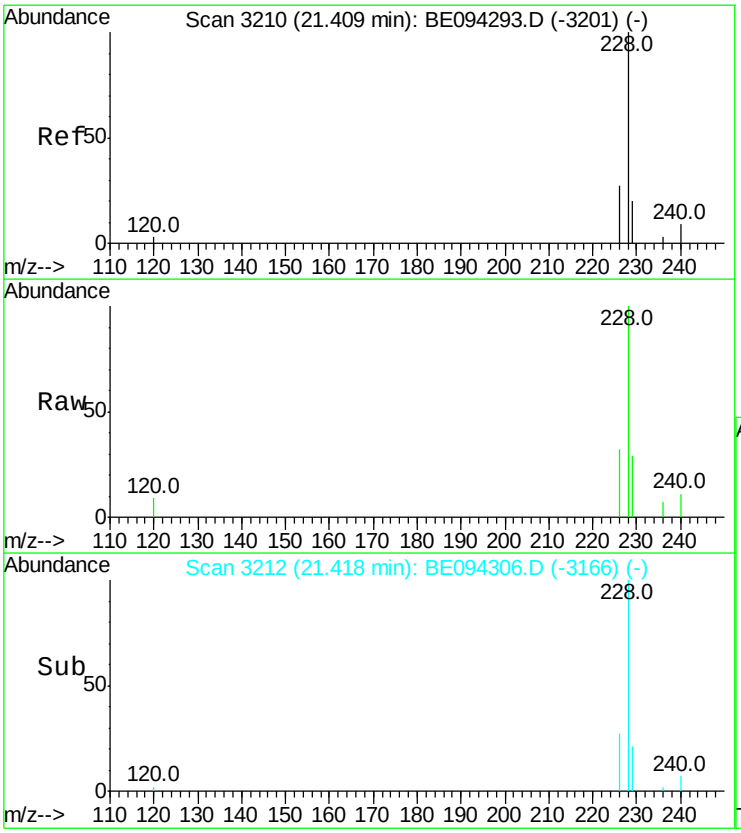
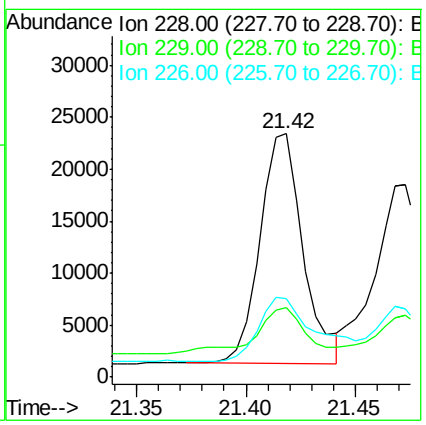


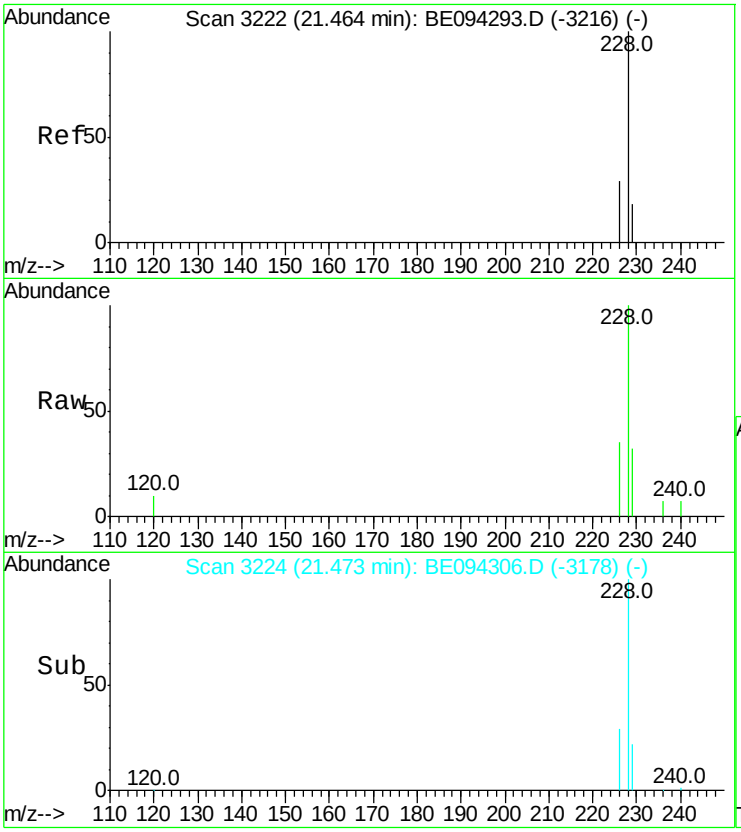


#18
Benzo(a)anthracene
Concen: 1.158 ng/ul
RT: 21.42 min Scan# 3212
Delta R.T. 0.01 min
Lab File: BE094306.D
Acq: 12 Oct 2017 7:32

Tgt Ion:228 Resp: 30259

Ion	Ratio	Lower	Upper
228	100		
229	28.7	22.8	34.2
226	32.4	17.0	25.6#





#19
Chrysene
Concen: 0.890 ng/ul
RT: 21.47 min Scan# 3224
Delta R.T. 0.01 min
Lab File: BE094306.D
Acq: 12 Oct 2017 7:32

Tgt Ion:228 Resp: 26865

Ion	Ratio	Lower	Upper
228	100		
226	35.4	23.4	35.0#
229	32.0	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
B-59(12-13.5)-100317

Manual Integrations APPROVED
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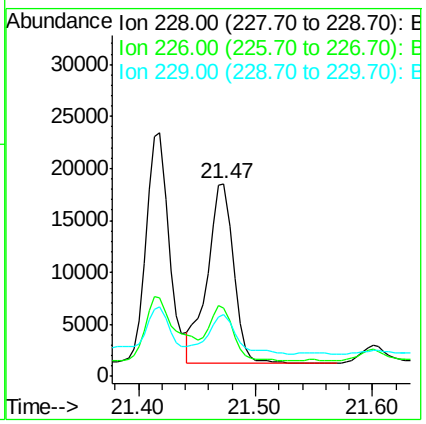
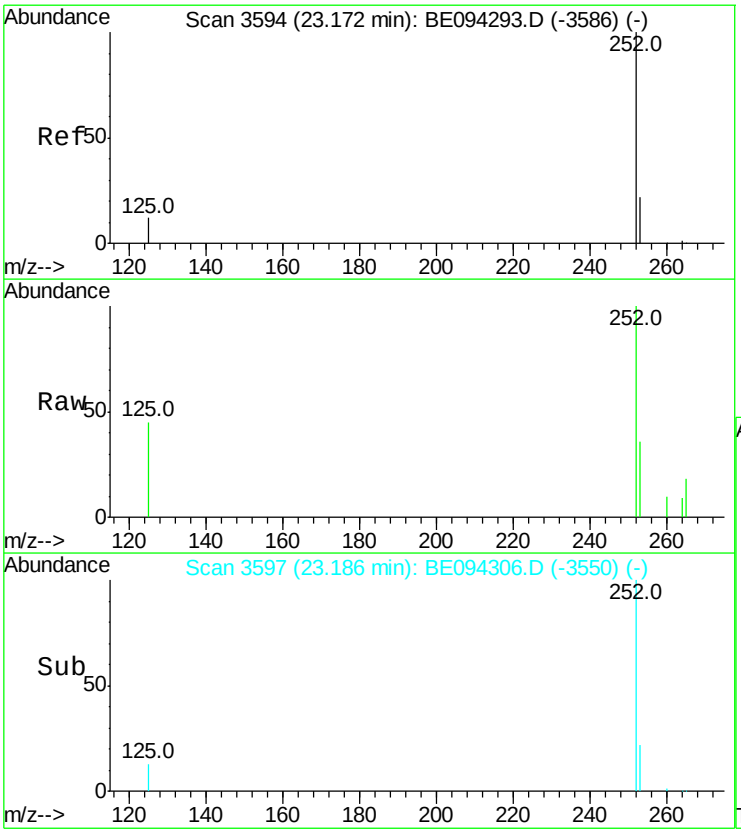
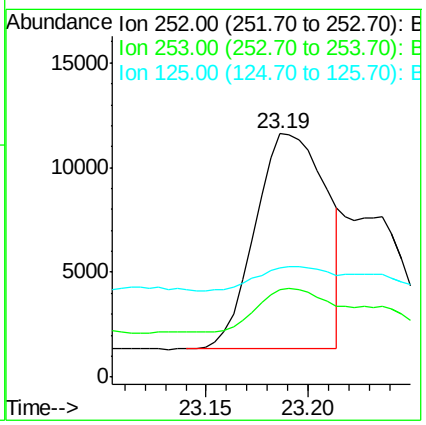


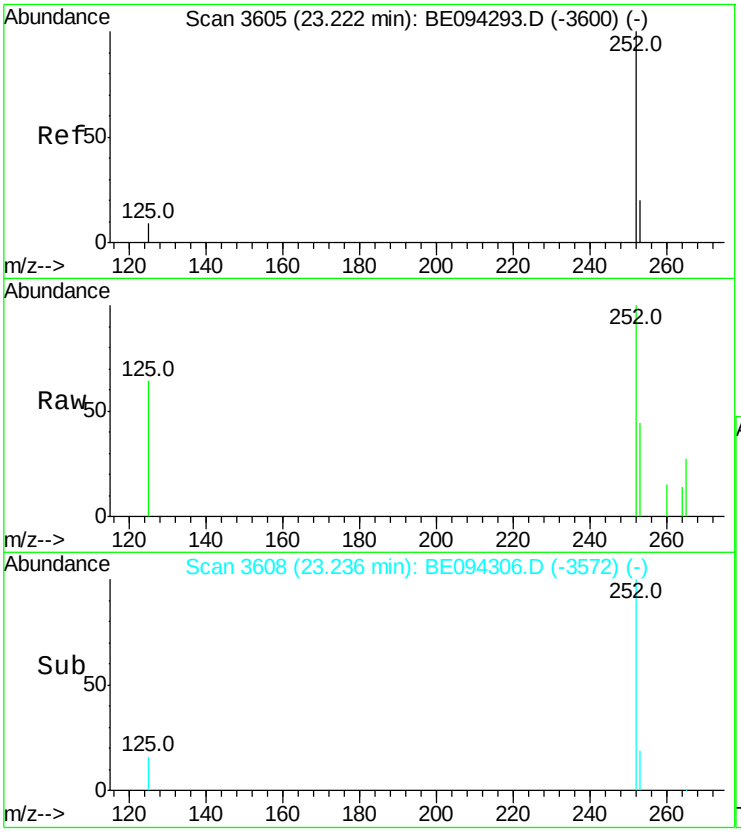


#21
Benzo(b)fluoranthene
Concen: 0.816 ng/ul
RT: 23.19 min Scan# 3597
Delta R.T. 0.01 min
Lab File: BE094306.D
Acq: 12 Oct 2017 7:32

Tgt Ion:252 Resp: 24735

Ion	Ratio	Lower	Upper
252	100		
253	36.1	0.0	64.2
125	45.0	0.0	35.0#





#22
Benzo(k)fluoranthene
Concen: 0.289 ng/ul m
RT: 23.24 min Scan# 3608
Delta R.T. 0.01 min
Lab File: BE094306.D
Acq: 12 Oct 2017 7:32

Tgt Ion:252 Resp: 10119

Ion	Ratio	Lower	Upper
252	100		
253	44.1	24.5	36.7#
125	64.2	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
B-59(12-13.5)-100317

Manual Integrations APPROVED
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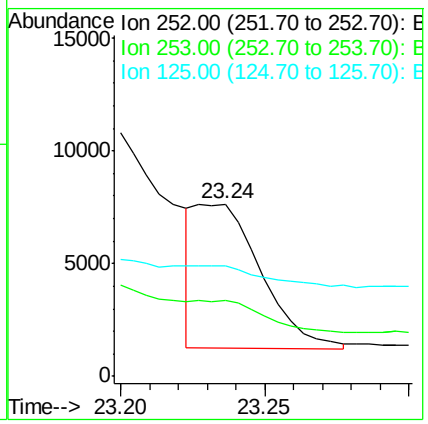
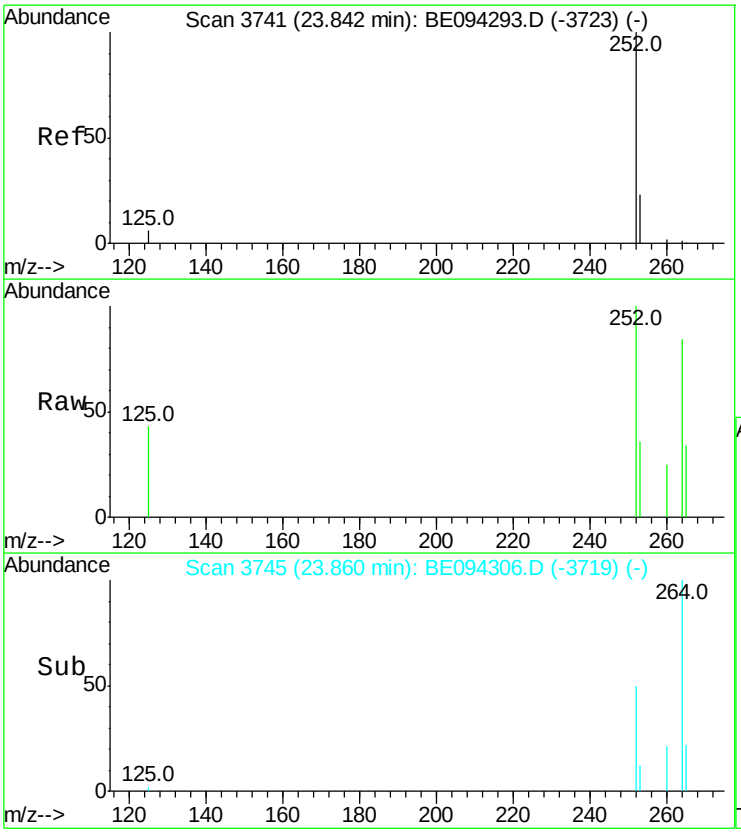
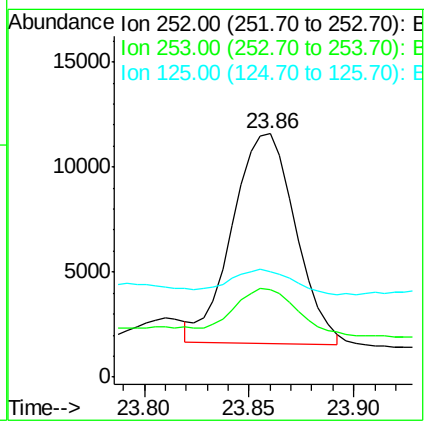


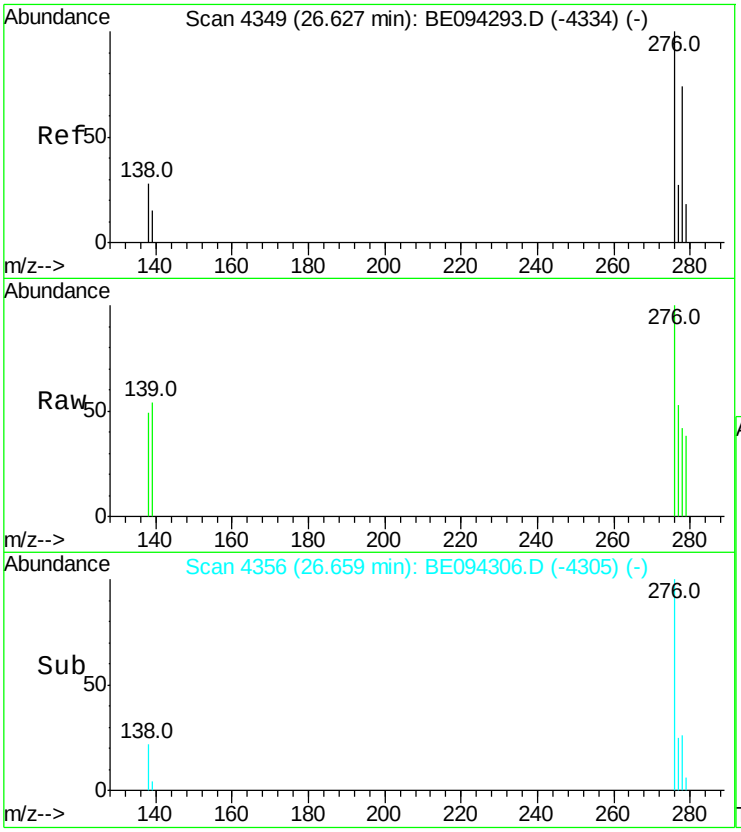


#23
Benzo(a)pyrene
Concen: 0.666 ng/ul m
RT: 23.86 min Scan# 3745
Delta R.T. 0.02 min
Lab File: BE094306.D
Acq: 12 Oct 2017 7:32

Tgt Ion:252 Resp: 20986

Ion	Ratio	Lower	Upper
252	100		
253	36.2	28.5	42.7
125	43.3	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.290 ng/ul m
RT: 26.66 min Scan# 4356
Delta R.T. 0.03 min
Lab File: BE094306.D
Acq: 12 Oct 2017 7:32

Tgt Ion:276 Resp: 9353

Ion	Ratio	Lower	Upper
276	100		
138	0.6	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
B-59(12-13.5)-100317

Manual Integrations APPROVED
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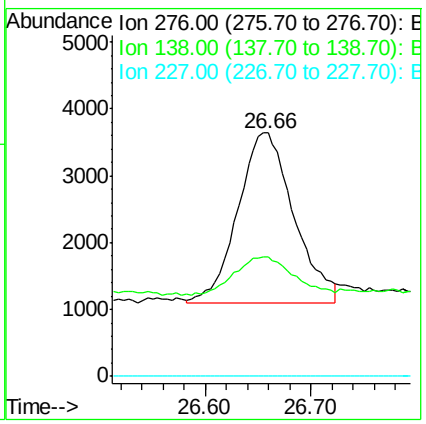

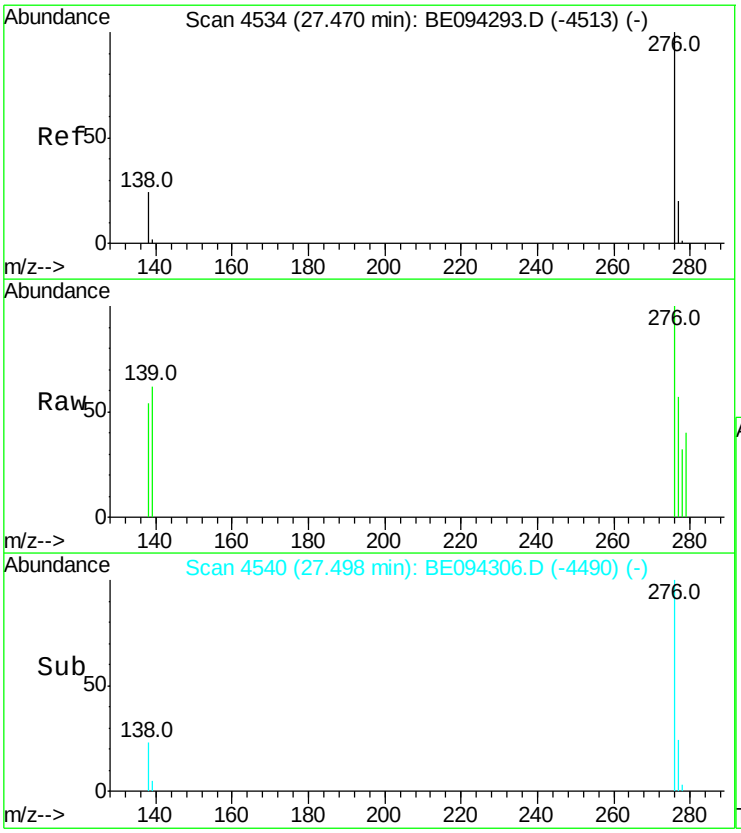

#26
Benzo(g,h,i)perylene
Concen: 0.292 ng/ul m
RT: 27.50 min Scan# 4540
Delta R.T. 0.03 min
Lab File: BE094306.D
Acq: 12 Oct 2017 7:32

Tgt Ion:276 Resp: 8127

Ion	Ratio	Lower	Upper
276	100		
138	54.1	21.8	32.8#
277	57.1	20.5	30.7#