Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094283.D
Acq On : 11 Oct 2017 17:22
Operator : SJ/JU
Sample : I5490-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-43(0-1)-092617

Manual Integrations APPROVED
Sohil
10/13/2017 12:05:34 PM

Quant Time: Oct 12 08:16:48 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 07:31:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2169	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	10427	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	6331	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	12993	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	12526	0.40	ng/ul	0.00
20) Perylene-d12	23.93	264	11930m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	3200	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	7439	0.17	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	36095	1.413	ng/ul#	92
5) 2-Methylnaphthalene	12.34	142	18086	1.092	ng/ul	98
7) Acenaphthylene	14.24	152	3882	0.157	ng/ul#	82
8) Acenaphthene	14.57	153	7944	0.391	ng/ul	98
9) Fluorene	15.56	166	8589	0.361	ng/ul	94
12) Phenanthrene	17.27	178	111986m	3.298	ng/ul	
13) Anthracene	17.38	178	28827	0.873	ng/ul	96
15) Fluoranthene	19.30	202	156676	3.512	ng/ul	84
17) Pyrene	19.66	202	160532	4.606	ng/ul#	85
18) Benzo(a)anthracene	21.39	228	79206	2.384	ng/ul#	91
19) Chrysene	21.45	228	85817	2.236	ng/ul#	91
21) Benzo(b)fluoranthene	23.15	252	82772	2.554	ng/ul	85
22) Benzo(k)fluoranthene	23.18	252	34679m	0.926	ng/ul	
23) Benzo(a)pyrene	23.81	252	61760m	1.834	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.59	276	44232m	1.284	ng/ul	
25) Dibenzo(a,h)anthracene	26.59	278	13950m	0.483	ng/ul	
26) Benzo(g,h,i)perylene	27.42	276	67011m	2.255	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 : BE094283.D
Acq On : 11 Oct 2017 17:22
Operator : SJ/JU
Sample : I5490-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 12 08:16:48 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 07:31:23 2017
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Instrument :
BNA_E
ClientSampleId :
B-43(0-1)-092617

Manual Integrations APPROVED
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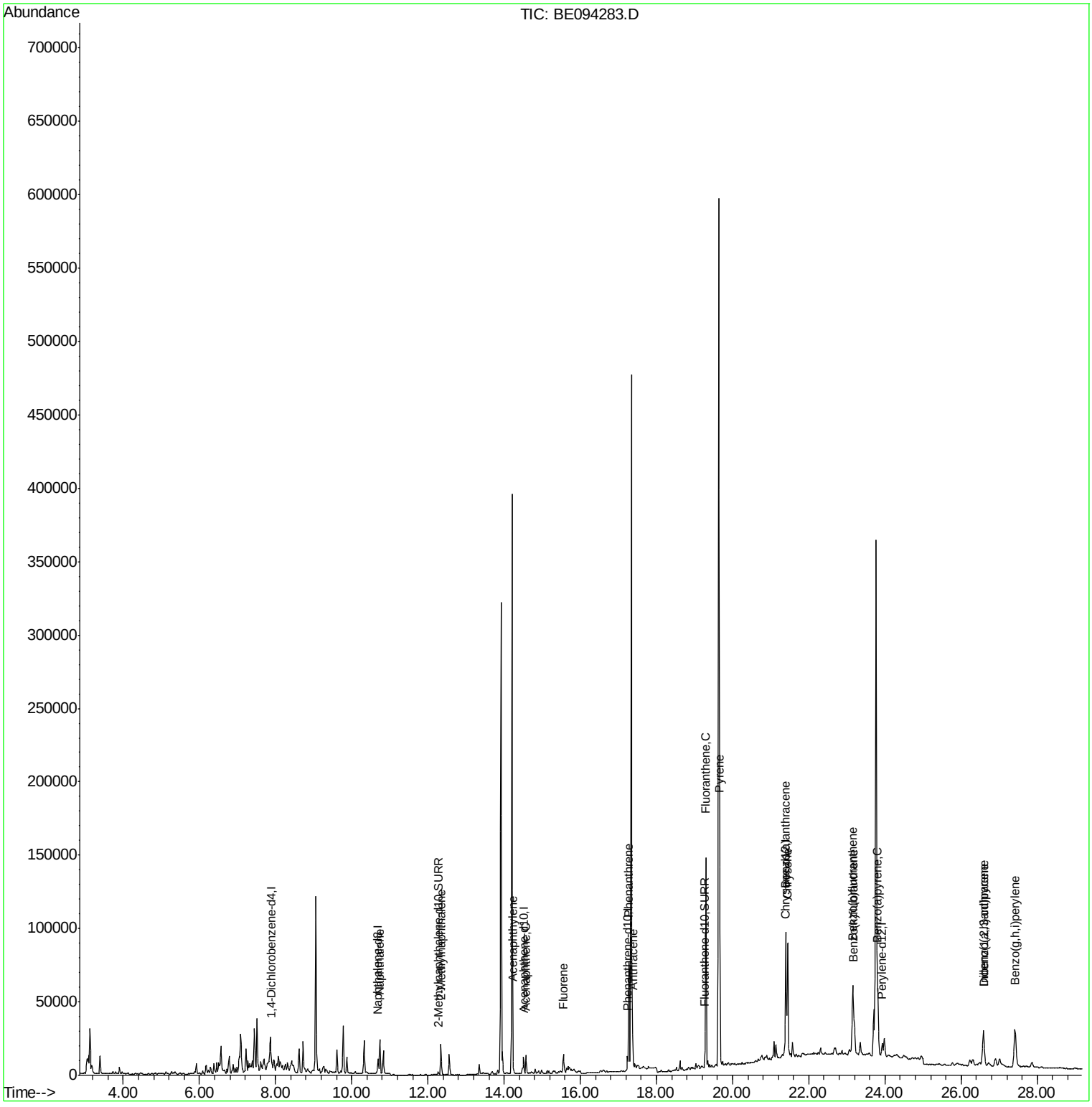

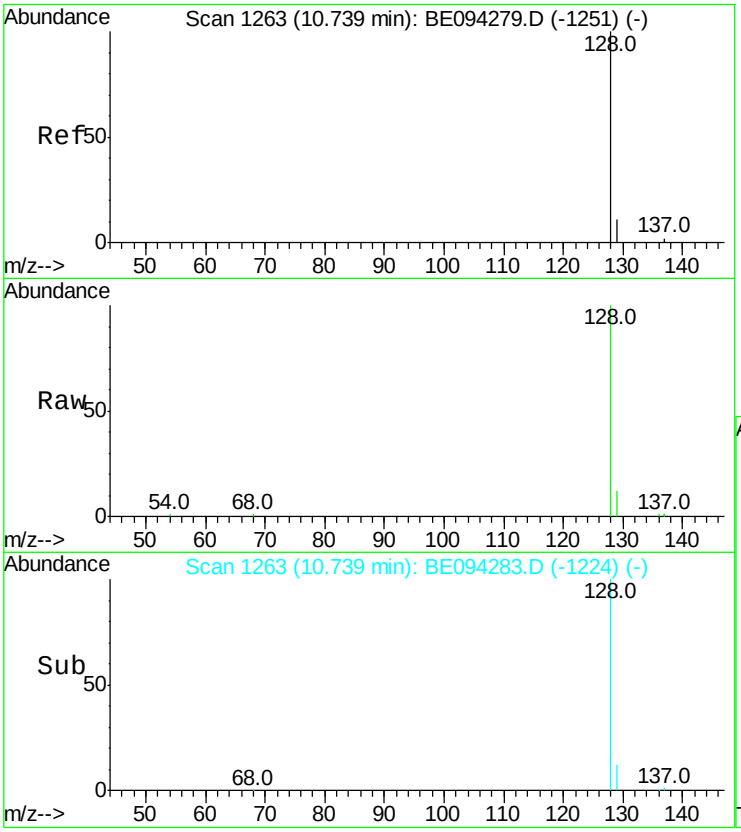

#3
Naphthalene
Concen: 1.413 ng/ul
RT: 10.74 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BE094283.D
Acq: 11 Oct 2017 17:22

Tgt Ion:128 Resp: 36095

Ion	Ratio	Lower	Upper
128	100		
129	12.1	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
B-43(0-1)-092617

Manual Integrations APPROVED
Sohil
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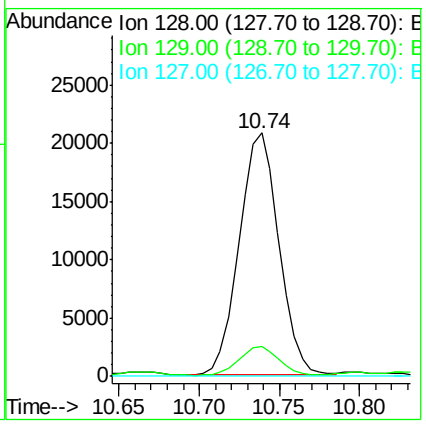
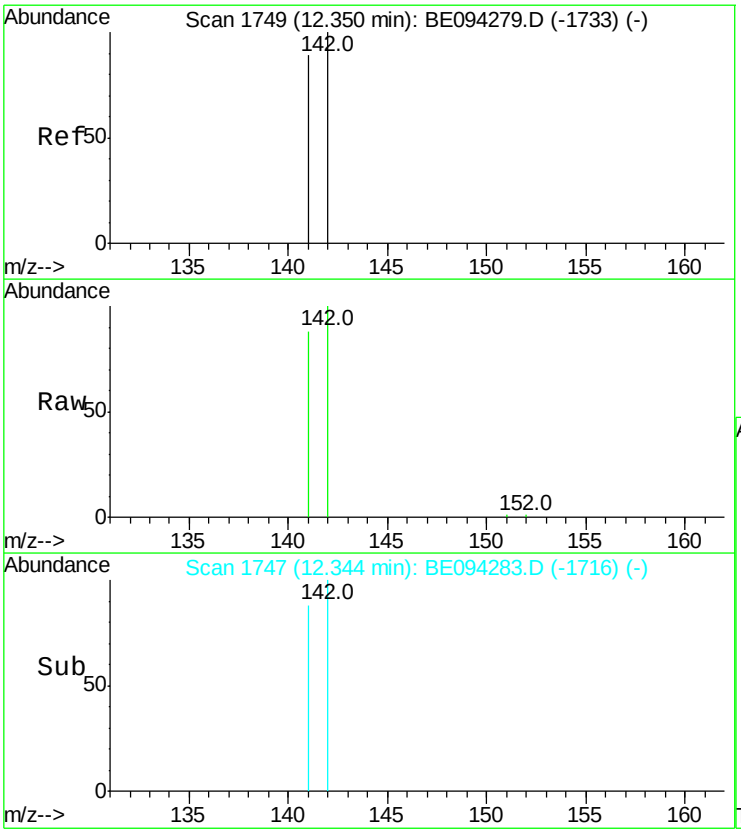
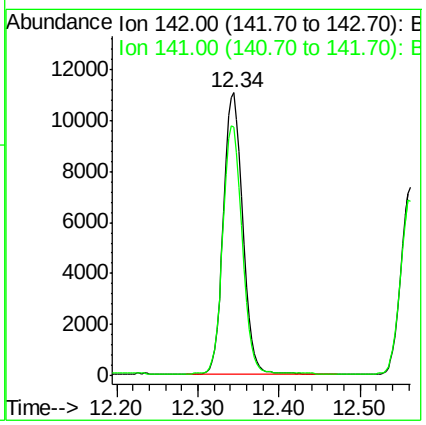


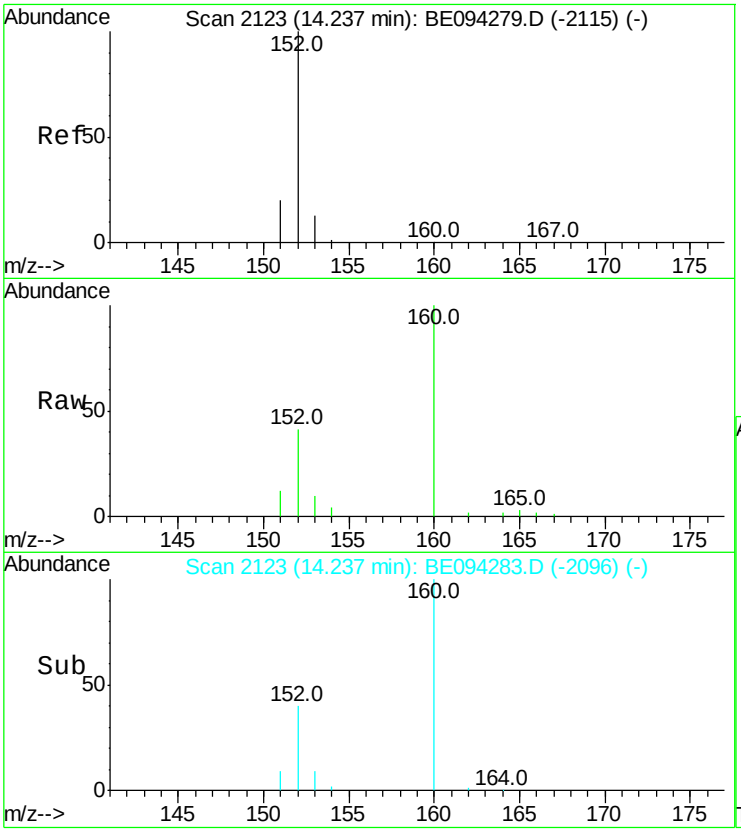


#5
2-Methylnaphthalene
Concen: 1.092 ng/ul
RT: 12.34 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BE094283.D
Acq: 11 Oct 2017 17:22

Tgt Ion:142 Resp: 18086

Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.6	108.8

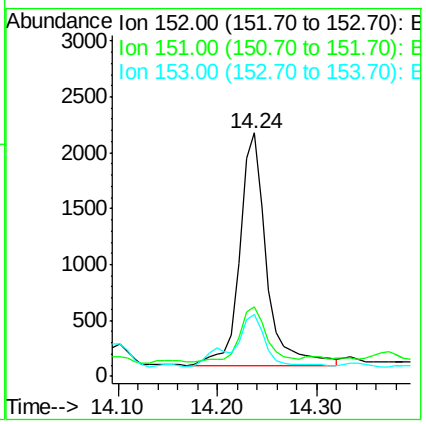




#7
Acenaphthylene
Concen: 0.157 ng/ul
RT: 14.24 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BE094283.D
Acq: 11 Oct 2017 17:22

Tgt Ion:152 Resp: 3882

Ion	Ratio	Lower	Upper
152	100		
151	28.6	17.1	25.7#
153	25.3	12.8	19.2#



Instrument :
BNA_E
ClientSampleId :
B-43(0-1)-092617

Manual Integrations APPROVED
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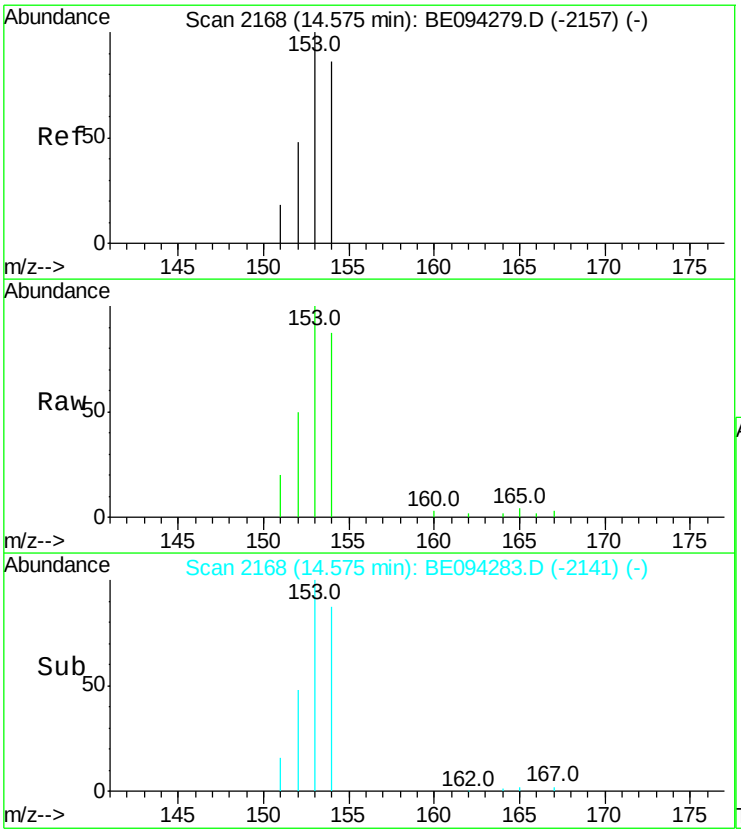
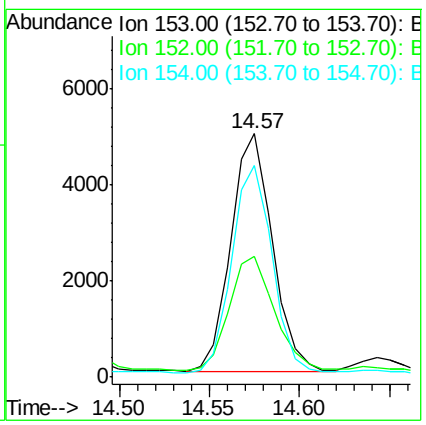
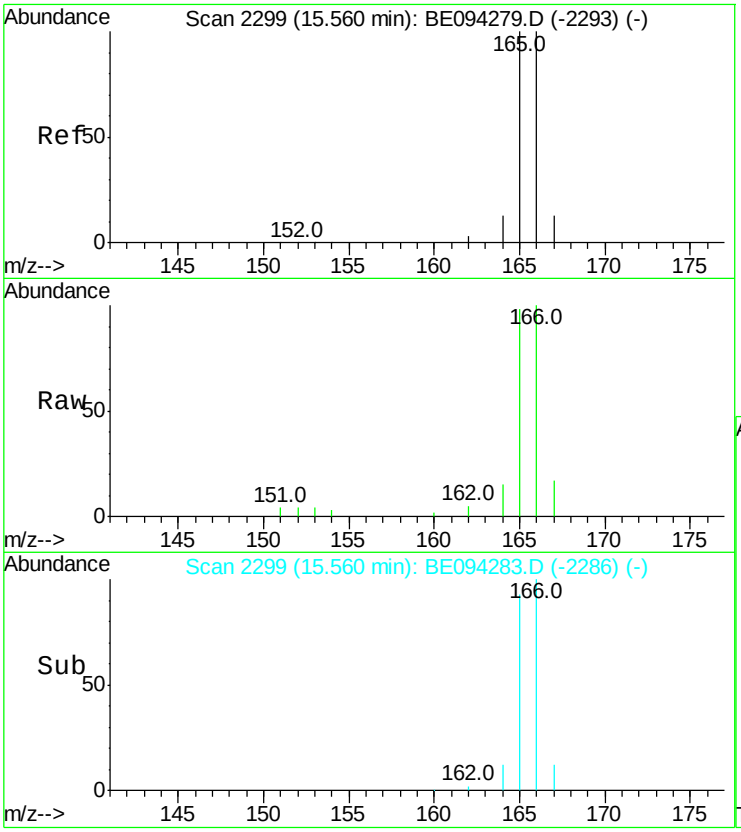


#8
Acenaphthene
Concen: 0.391 ng/ul
RT: 14.57 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BE094283.D
Acq: 11 Oct 2017 17:22

Tgt Ion:153 Resp: 7944

Ion	Ratio	Lower	Upper
153	100		
152	49.7	40.3	60.5
154	86.9	71.4	107.2

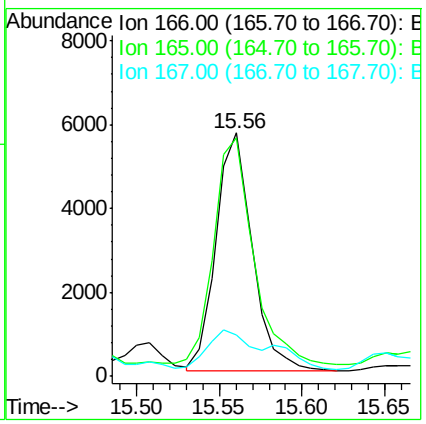




#9
Fluorene
Concen: 0.361 ng/ul
RT: 15.56 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BE094283.D
Acq: 11 Oct 2017 17:22

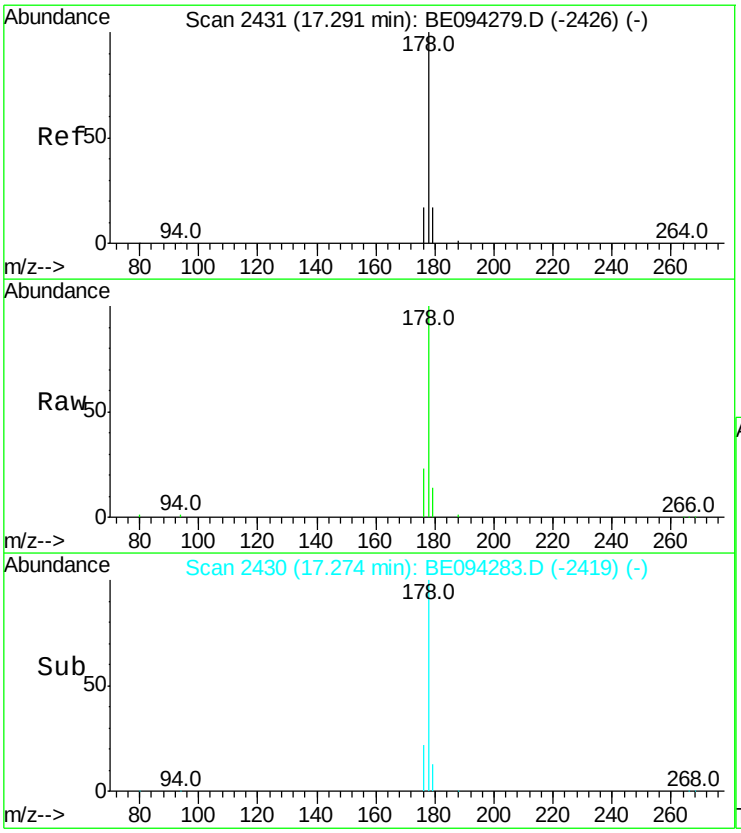
Tgt Ion:166 Resp: 8589

Ion	Ratio	Lower	Upper
166	100		
165	97.8	73.4	110.2
167	17.3	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
B-43(0-1)-092617

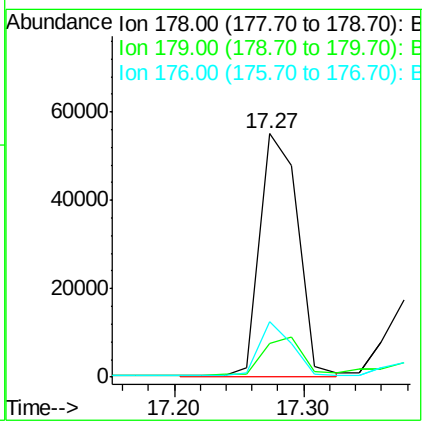
Manual Integrations APPROVED
Sohil
10/13/2017 12:05:34 PM

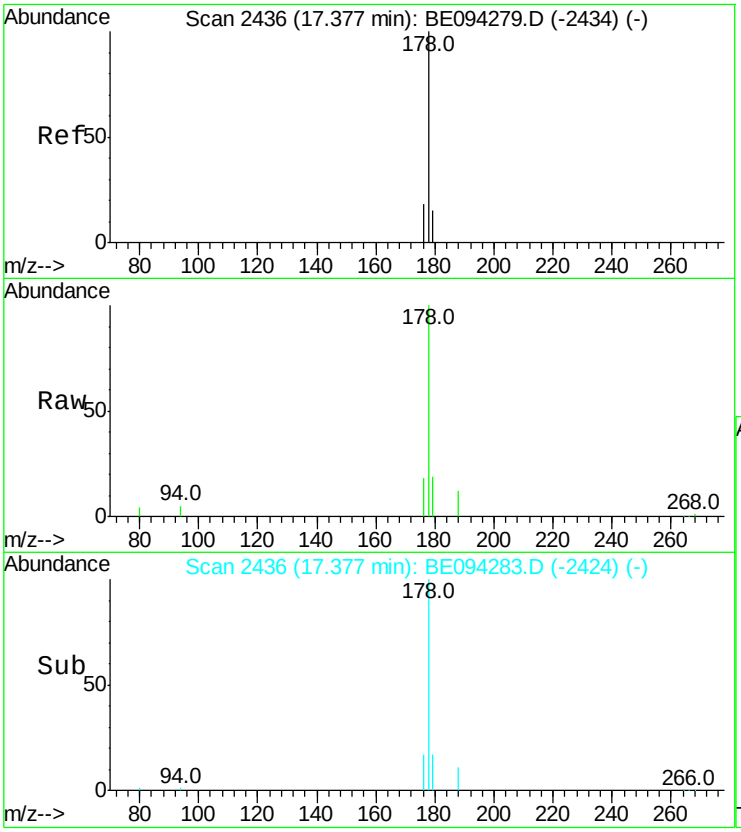


#12
Phenanthrene
Concen: 3.298 ng/ul m
RT: 17.27 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BE094283.D
Acq: 11 Oct 2017 17:22

Tgt Ion:178 Resp: 111986

Ion	Ratio	Lower	Upper
178	100		
179	13.8	18.4	27.6#
176	22.8	13.6	20.4#

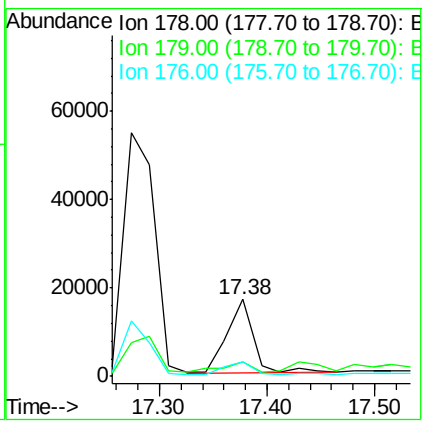




#13
Anthracene
Concen: 0.873 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BE094283.D
Acq: 11 Oct 2017 17:22

Tgt Ion:178 Resp: 28827

Ion	Ratio	Lower	Upper
178	100		
179	19.5	18.1	27.1
176	18.2	14.7	22.1



Instrument :
BNA_E
ClientSampleId :
B-43(0-1)-092617

Manual Integrations APPROVED
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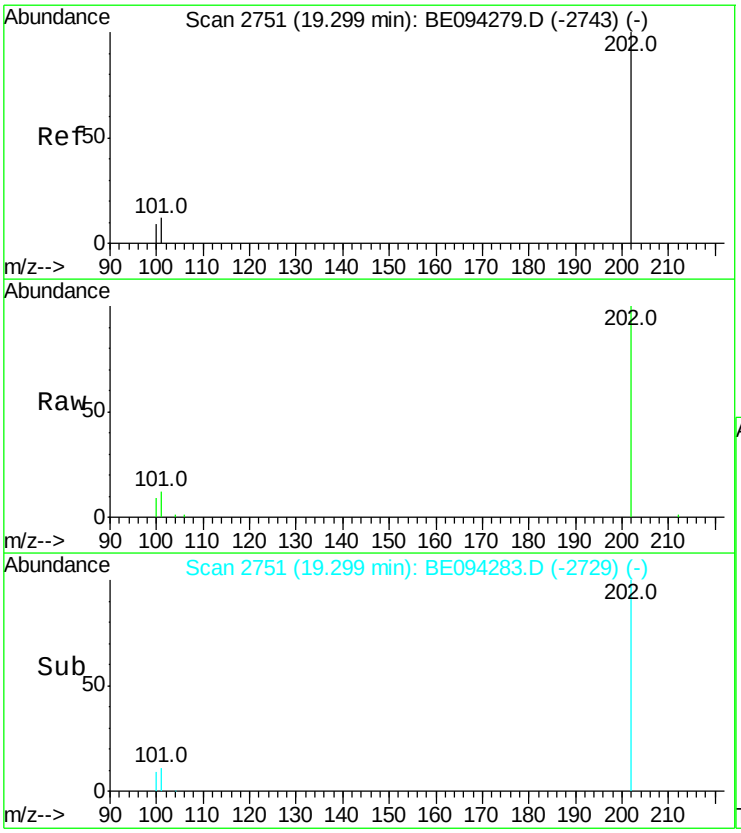
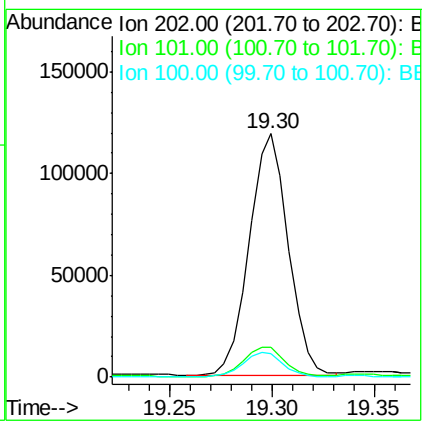
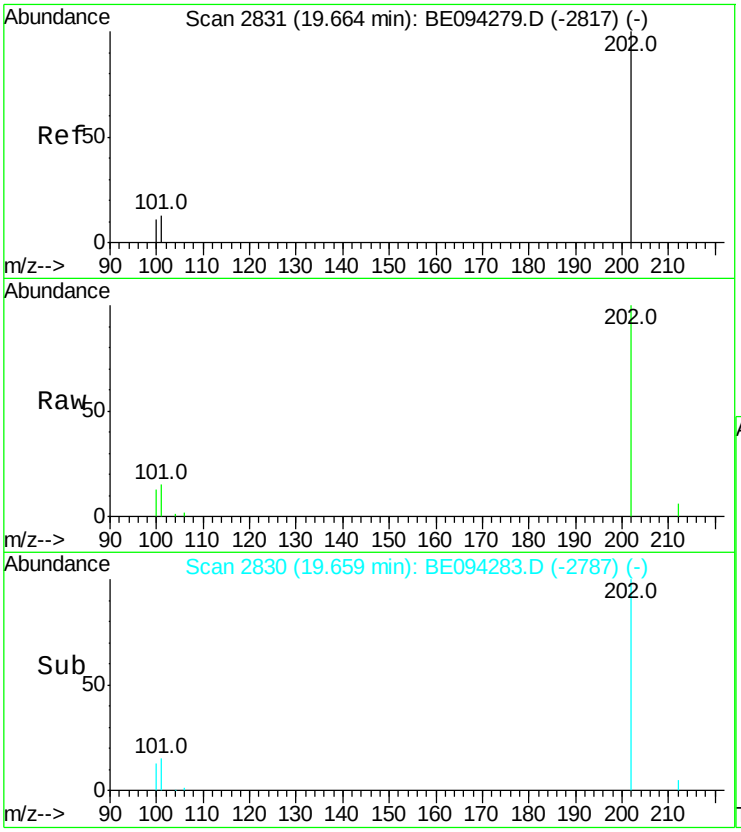


#15
Fluoranthene
Concen: 3.512 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BE094283.D
Acq: 11 Oct 2017 17:22

Tgt Ion:202 Resp: 156676

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.3
100	9.4	0.0	39.5





#17
Pyrene
Concen: 4.606 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BE094283.D
Acq: 11 Oct 2017 17:22

Tgt Ion:202 Resp: 160532

Ion	Ratio	Lower	Upper
202	100		
101	15.1	18.2	27.4#
100	12.9	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
B-43(0-1)-092617

Manual Integrations APPROVED
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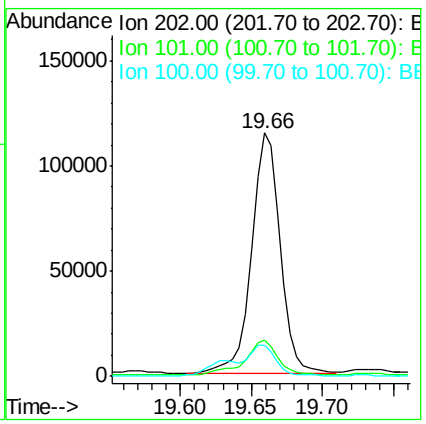
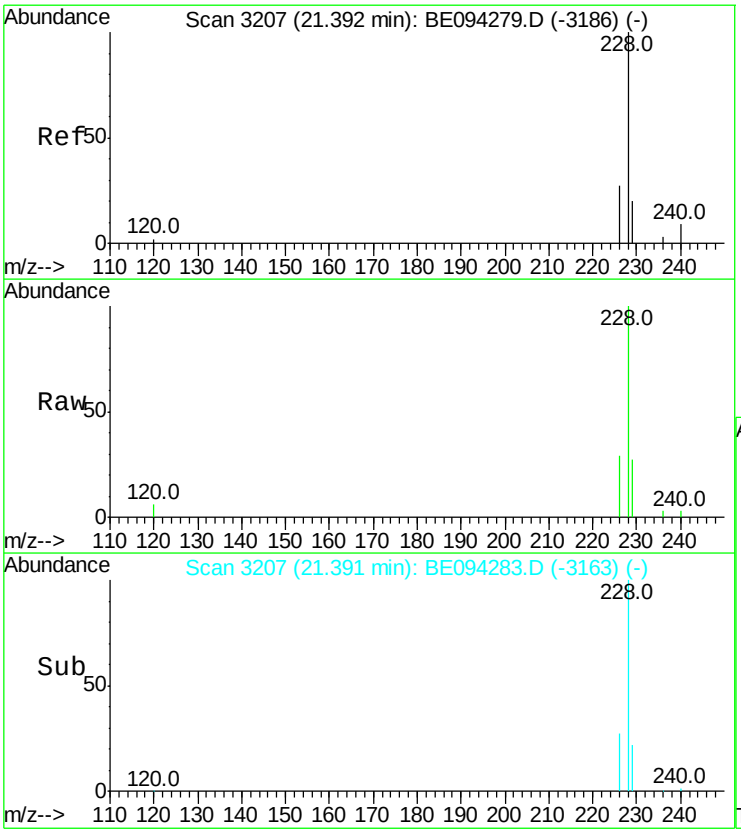
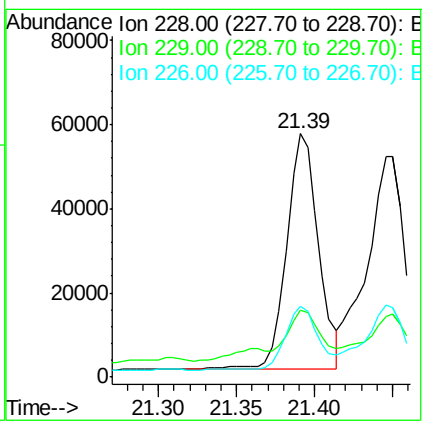


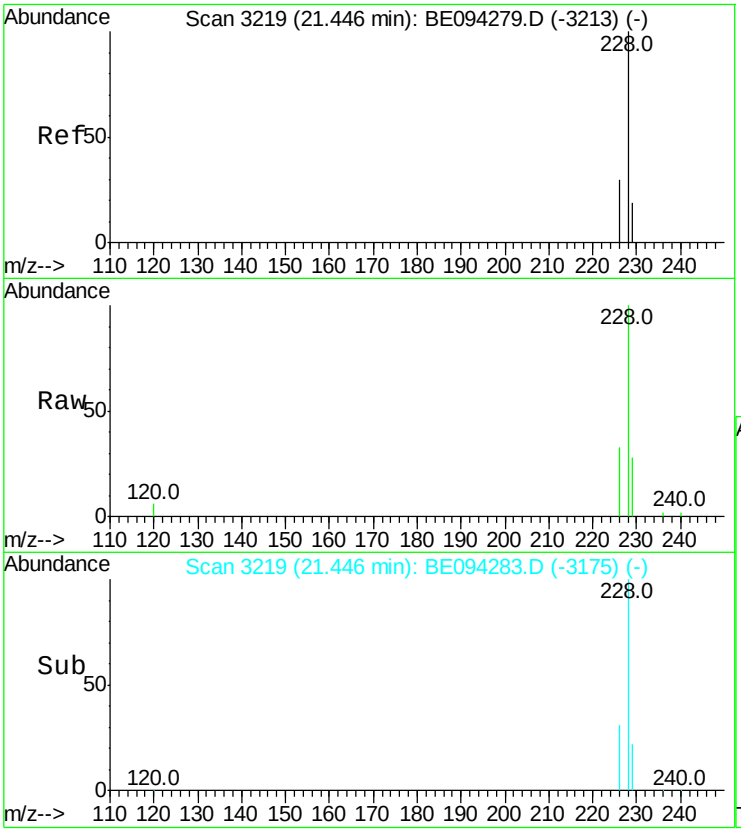


#18
Benzo(a)anthracene
Concen: 2.384 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BE094283.D
Acq: 11 Oct 2017 17:22

Tgt Ion:228 Resp: 79206

Ion	Ratio	Lower	Upper
228	100		
229	27.3	22.8	34.2
226	29.3	17.0	25.6#

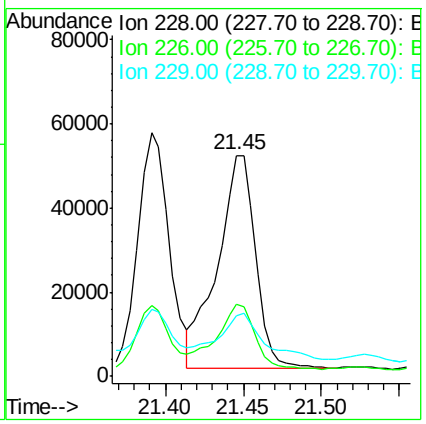




#19
Chrysene
Concen: 2.236 ng/ul
RT: 21.45 min Scan# 3219
Delta R.T. -0.00 min
Lab File: BE094283.D
Acq: 11 Oct 2017 17:22

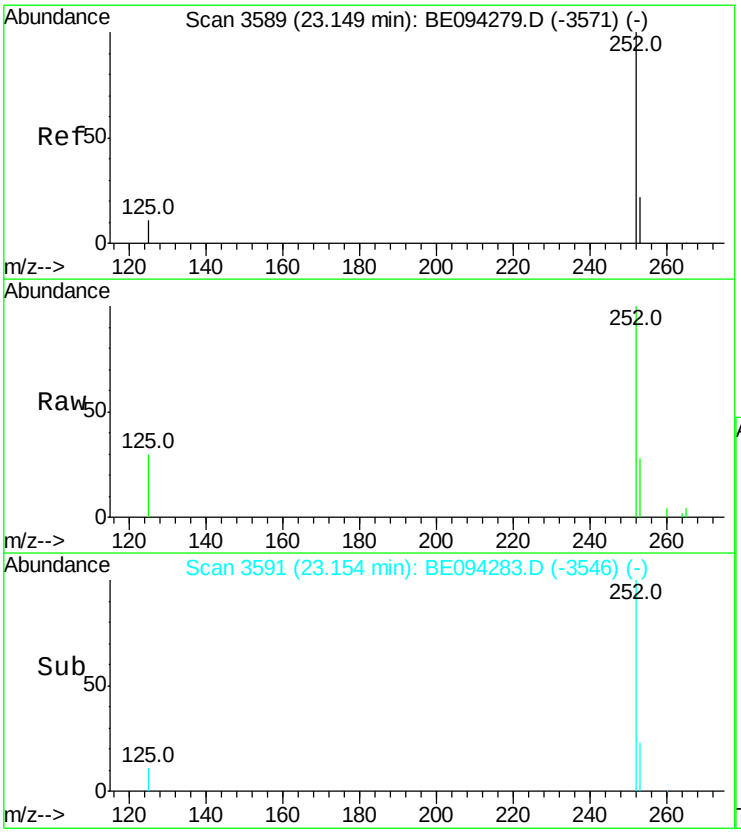
Tgt Ion:228 Resp: 85817

Ion	Ratio	Lower	Upper
228	100		
226	32.8	23.4	35.0
229	27.6	17.7	26.5#



Instrument :
BNA_E
ClientSampleId :
B-43(0-1)-092617

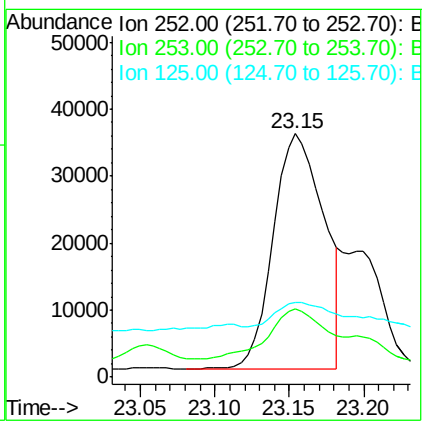
Manual Integrations APPROVED
Sohil
10/13/2017 12:05:34 PM

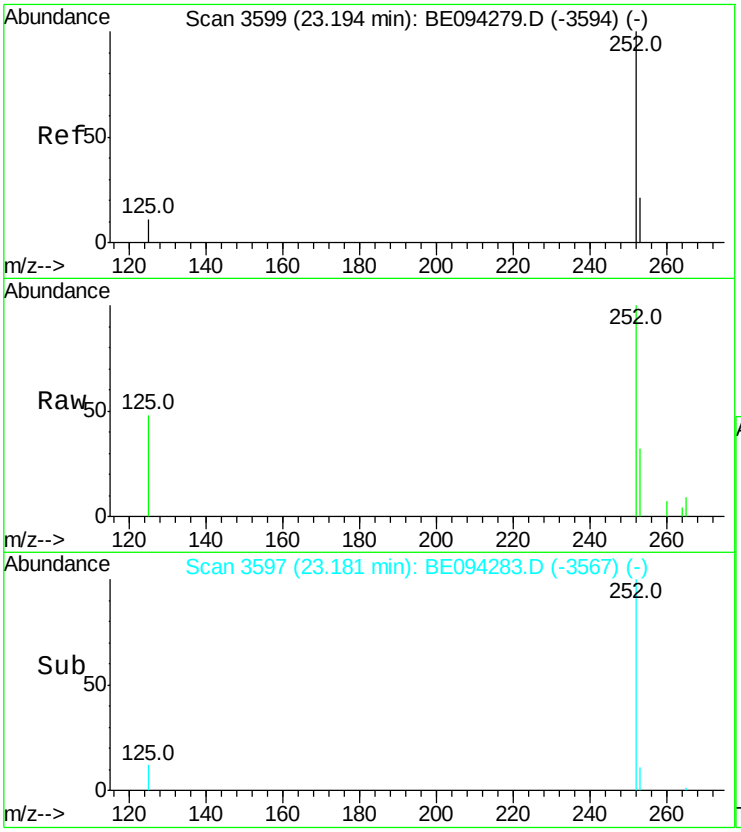


#21
Benzo(b)fluoranthene
Concen: 2.554 ng/ul
RT: 23.15 min Scan# 3591
Delta R.T. 0.01 min
Lab File: BE094283.D
Acq: 11 Oct 2017 17:22

Tgt Ion:252 Resp: 82772

Ion	Ratio	Lower	Upper
252	100		
253	28.2	0.0	64.2
125	30.5	0.0	35.0





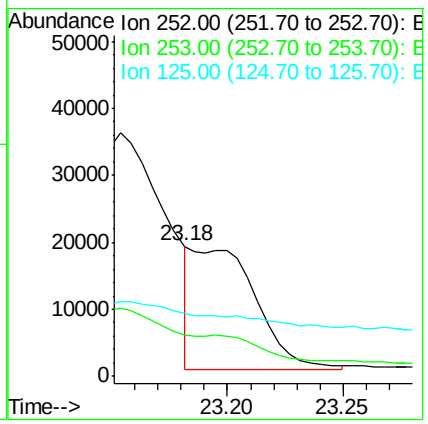
#22
Benzo(k)fluoranthene
Concen: 0.926 ng/ul m
RT: 23.18 min Scan# 3597
Delta R.T. -0.01 min
Lab File: BE094283.D
Acq: 11 Oct 2017 17:22

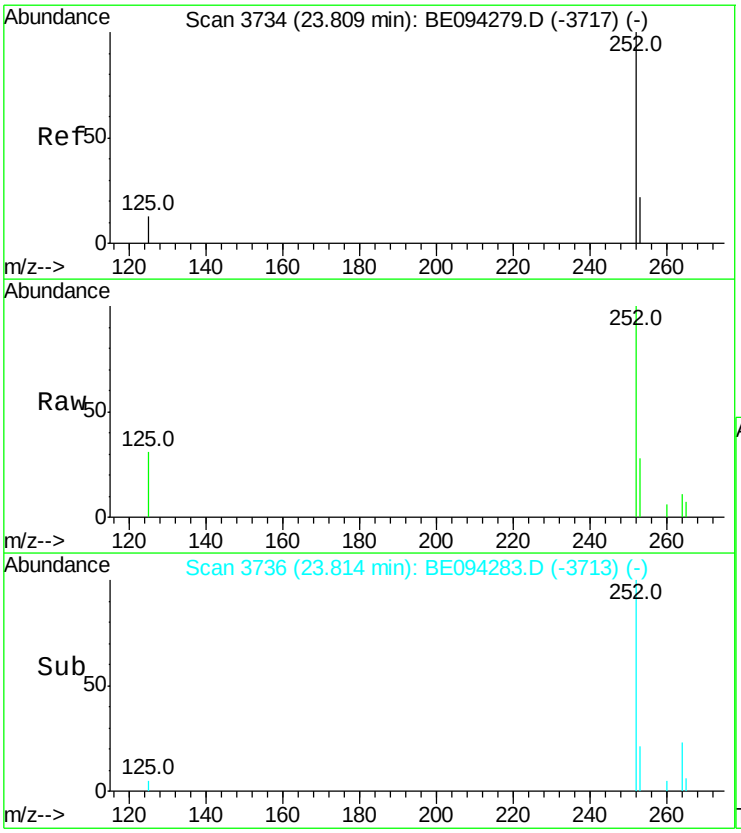
Tgt Ion:252 Resp: 34679

Ion	Ratio	Lower	Upper
252	100		
253	32.1	24.5	36.7
125	48.2	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
B-43(0-1)-092617

Manual Integrations APPROVED
Sohil
10/13/2017 12:05:34 PM

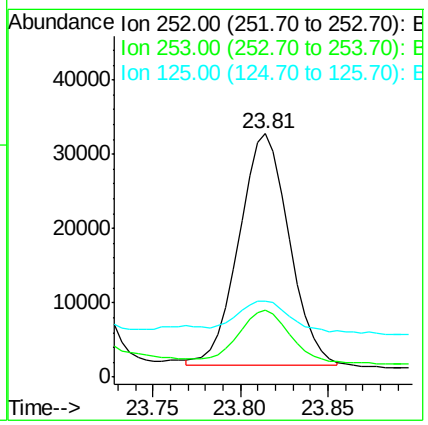


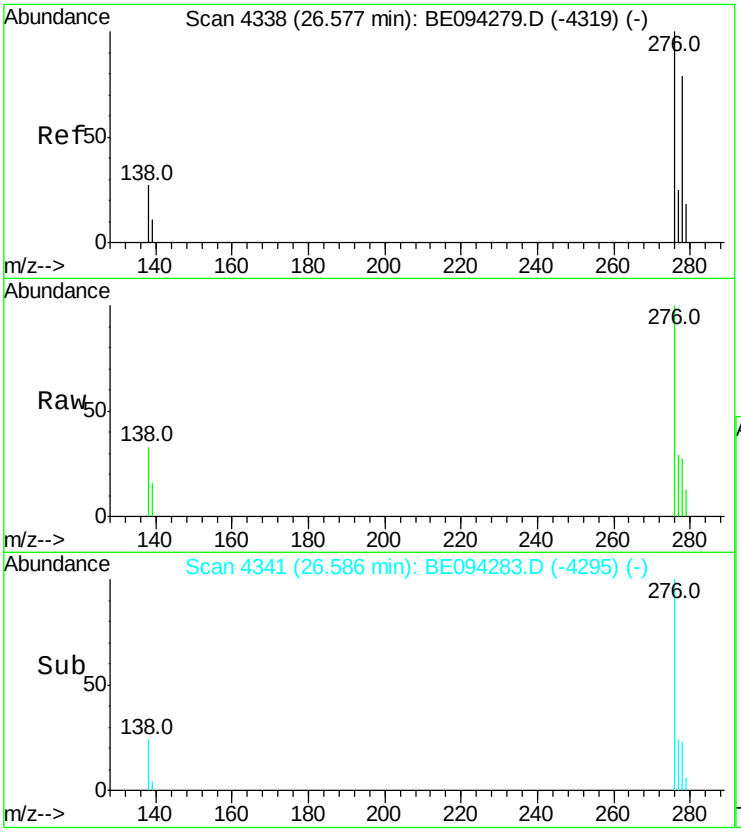


#23
Benzo(a)pyrene
Concen: 1.834 ng/ul m
RT: 23.81 min Scan# 3736
Delta R.T. 0.01 min
Lab File: BE094283.D
Acq: 11 Oct 2017 17:22

Tgt Ion:252 Resp: 61760

Ion	Ratio	Lower	Upper
252	100		
253	27.6	28.5	42.7#
125	31.1	18.1	27.1#





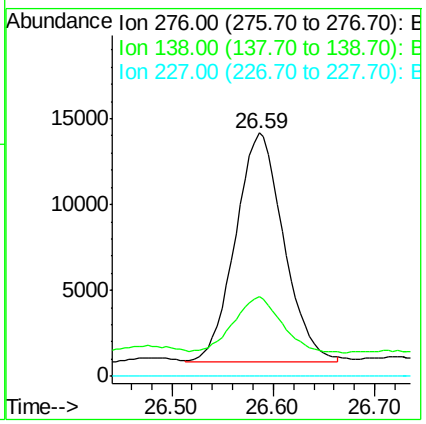
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.284 ng/ul m
RT: 26.59 min Scan# 4341
Delta R.T. 0.01 min
Lab File: BE094283.D
Acq: 11 Oct 2017 17:22

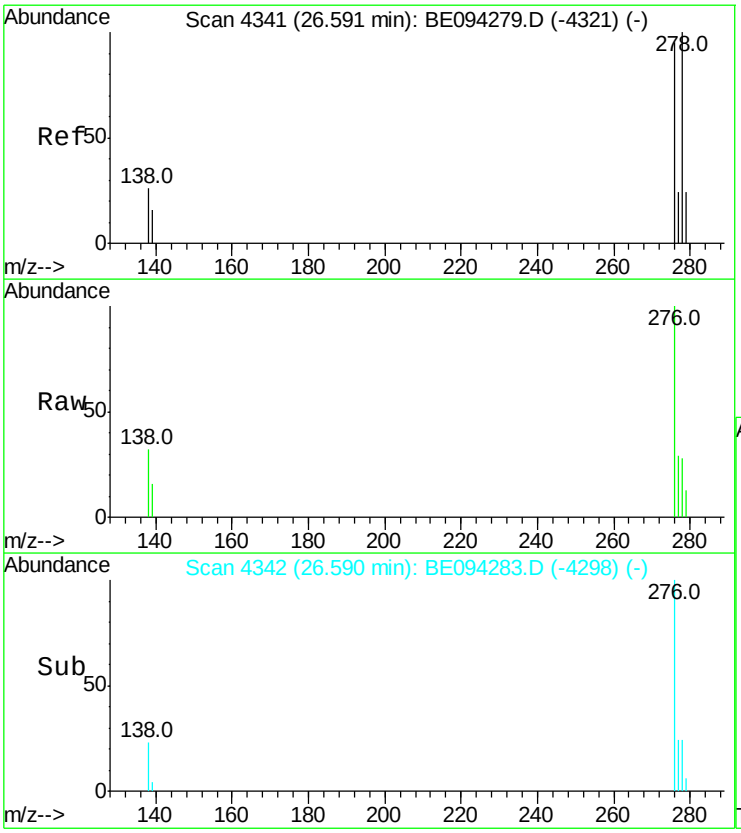
Tgt Ion:276 Resp: 44232

Ion	Ratio	Lower	Upper
276	100		
138	0.4	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
B-43(0-1)-092617

Manual Integrations APPROVED
Sohil
10/13/2017 12:05:34 PM

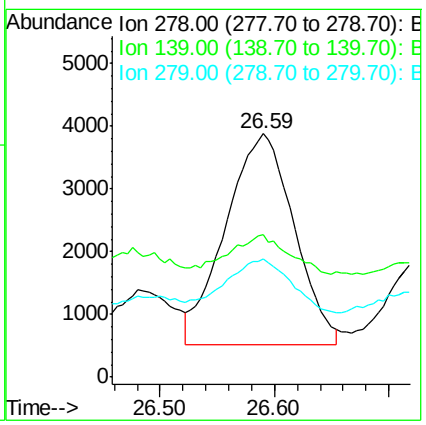


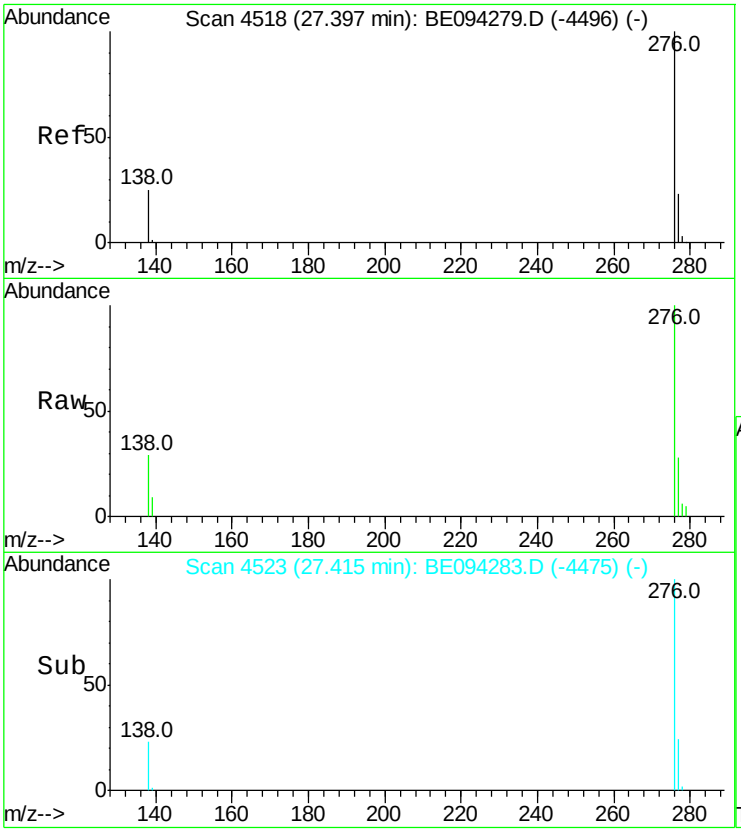


#25
Dibenzo(a,h)anthracene
Concen: 0.483 ng/ul m
RT: 26.59 min Scan# 4342
Delta R.T. -0.00 min
Lab File: BE094283.D
Acq: 11 Oct 2017 17:22

Tgt Ion:278 Resp: 13950

Ion	Ratio	Lower	Upper
278	100		
139	58.5	17.4	26.0#
279	48.6	25.9	38.9#

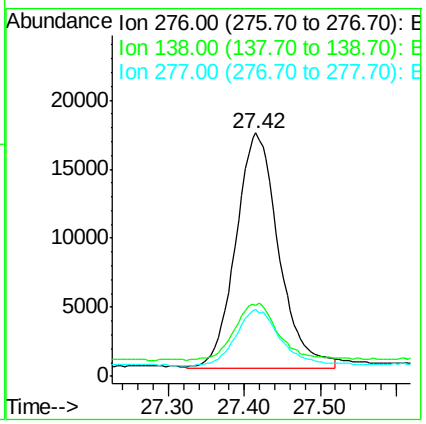




#26
Benzo(g,h,i)perylene
Concen: 2.255 ng/ul m
RT: 27.42 min Scan# 4523
Delta R.T. 0.02 min
Lab File: BE094283.D
Acq: 11 Oct 2017 17:22

Tgt Ion:276 Resp: 67011

Ion	Ratio	Lower	Upper
276	100		
138	29.3	21.8	32.8
277	27.6	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
B-43(0-1)-092617

Manual Integrations APPROVED
Sohil
10/13/2017 12:05:34 PM