Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
Data File : BE097450.D
Acq On : 12 Sep 2018 12:11
Operator : SJ/JU
Sample : J4792-06MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YZ4MS

Manual Integrations APPROVED
Sohil
9/13/2018 5:42:14 PM

Quant Time: Sep 13 01:30:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 01:16:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	921	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5259	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3562	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9163	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10775	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	11491	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	1599	0.20	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	6450	0.21	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	14.07	153	2024	0.181	ng/ul	95
11) Pentachlorophenol	16.43	266	108	0.120	ng/ul	99
12) Phenanthrene	16.80	178	1661	0.070	ng/ul#	89
13) Anthracene	16.90	178	521	0.026	ng/ul#	57
15) Fluoranthene	18.83	202	3817	0.126	ng/ul	82
17) Pyrene	19.20	202	28391	0.979	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	48782	1.762	ng/ul#	79
19) Chrysene	21.00	228	65783	2.063	ng/ul#	74
21) Benzo(b)fluoranthene	22.54	252	11092m	0.360	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	1901m	0.055	ng/ul	
23) Benzo(a)pyrene	23.10	252	11793	0.414	ng/ul#	23
24) Indeno(1,2,3-cd)pyrene	25.50	276	3470	0.094	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.51	278	7208	0.231	ng/ul#	22
26) Benzo(g,h,i)perylene	26.20	276	2907	0.092	ng/ul#	29

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

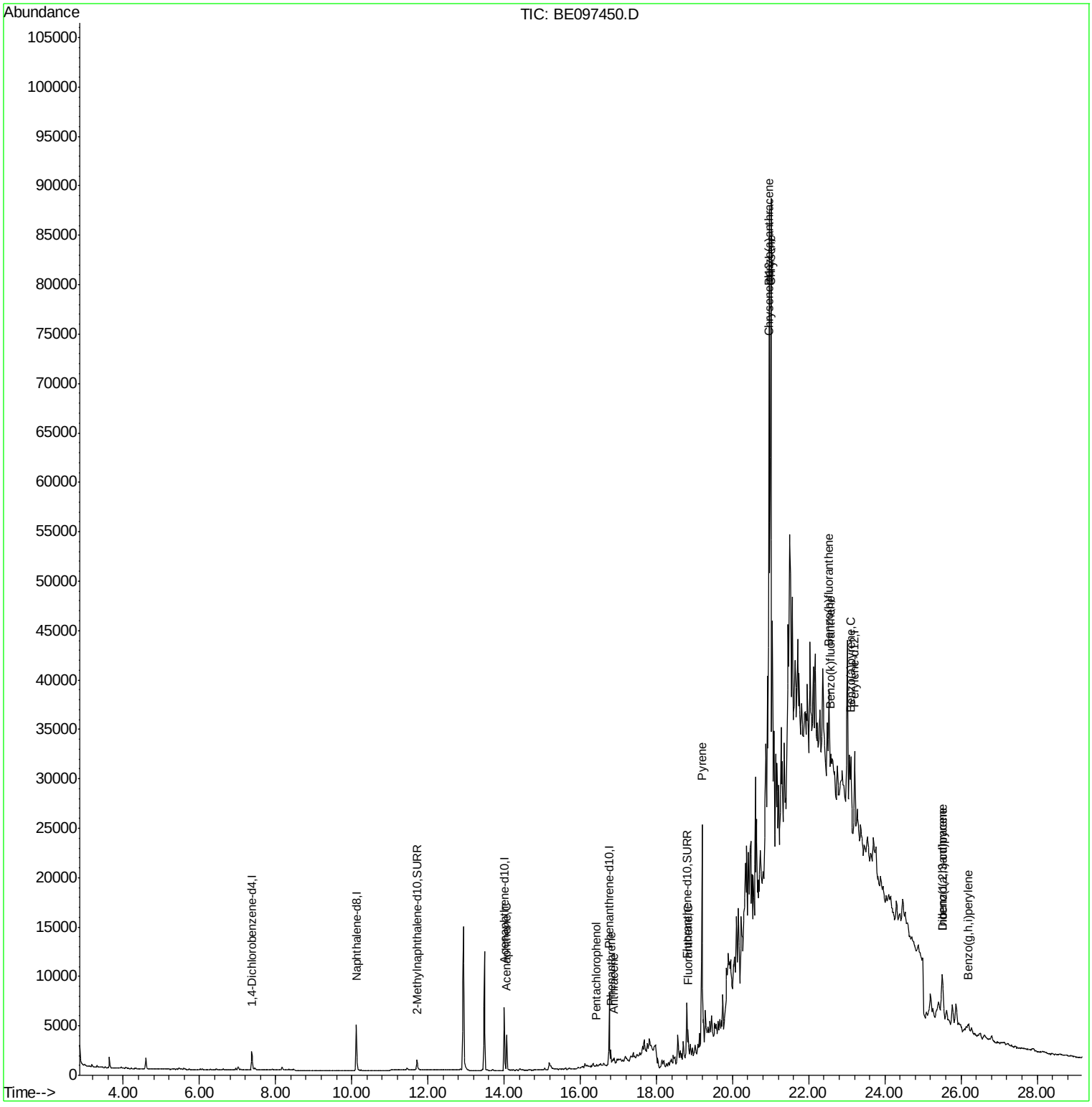
Quantitation Report (QT Reviewed)

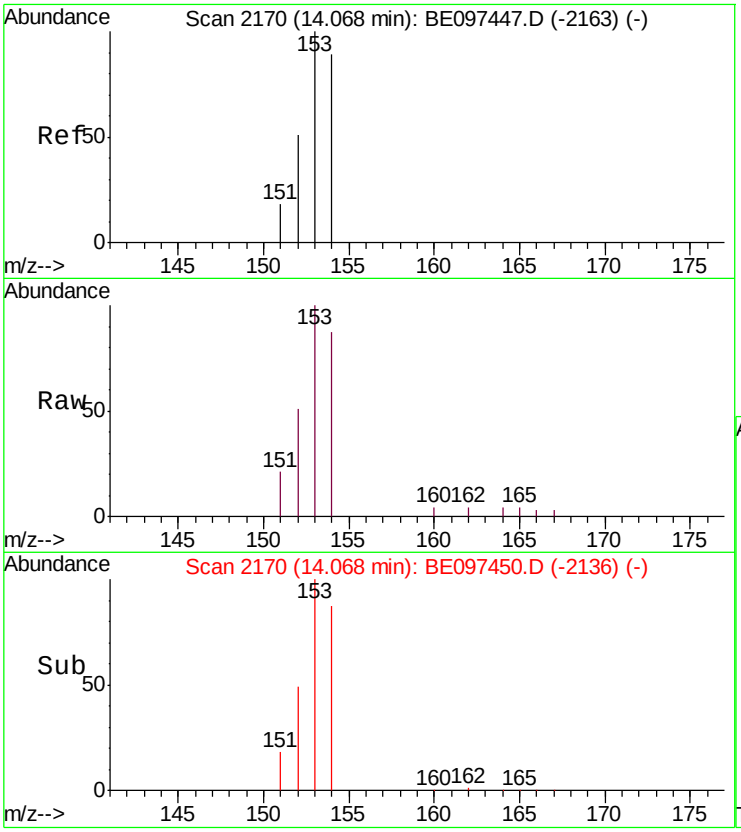
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
Data File : BE097450.D
Acq On : 12 Sep 2018 12:11
Operator : SJ/JU
Sample : J4792-06MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 13 01:30:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 01:16:50 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A3YZ4MS

Manual Integrations APPROVED
Sohil
9/13/2018 5:42:14 PM

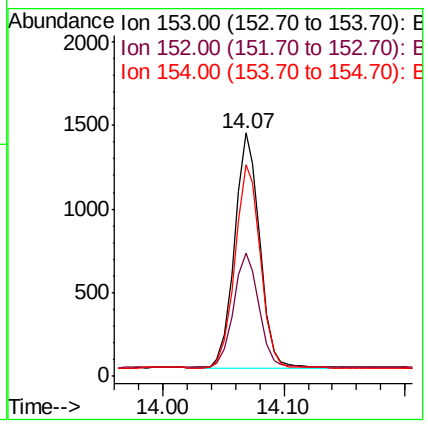




#8
Acenaphthene
Concen: 0.181 ng/ul
RT: 14.07 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BE097450.D
Acq: 12 Sep 2018 12:11

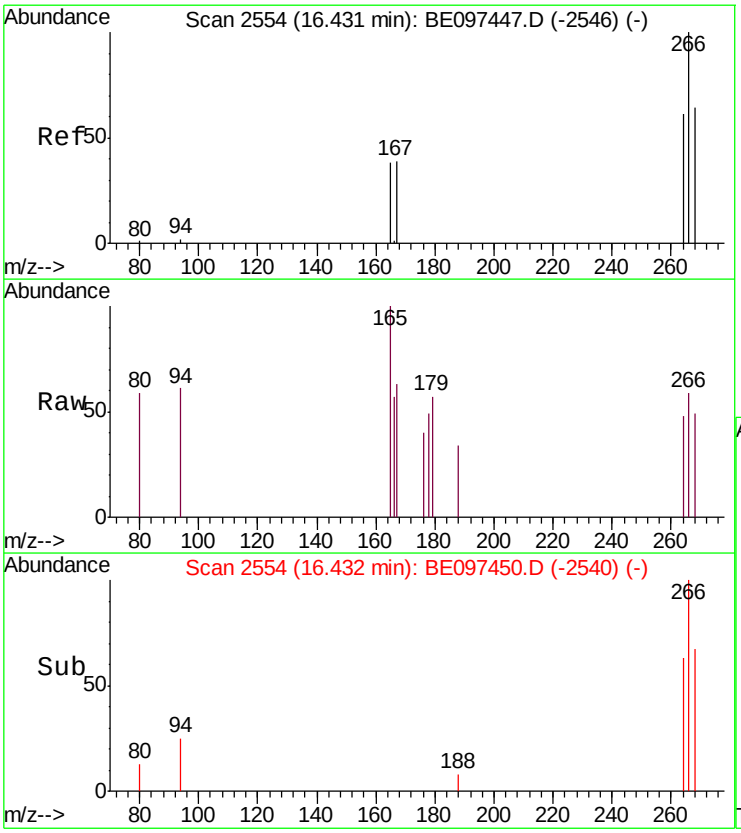
Tgt Ion:153 Resp: 2024

Ion	Ratio	Lower	Upper
153	100		
152	50.6	36.0	54.0
154	87.1	72.0	108.0



Instrument :
BNA_E
ClientSampleId :
A3YZ4MS

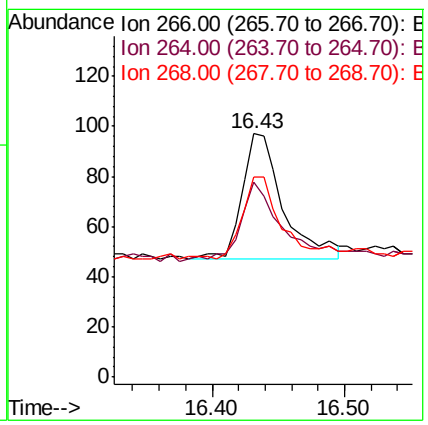
Manual Integrations APPROVED
Sohil
9/13/2018 5:42:14 PM

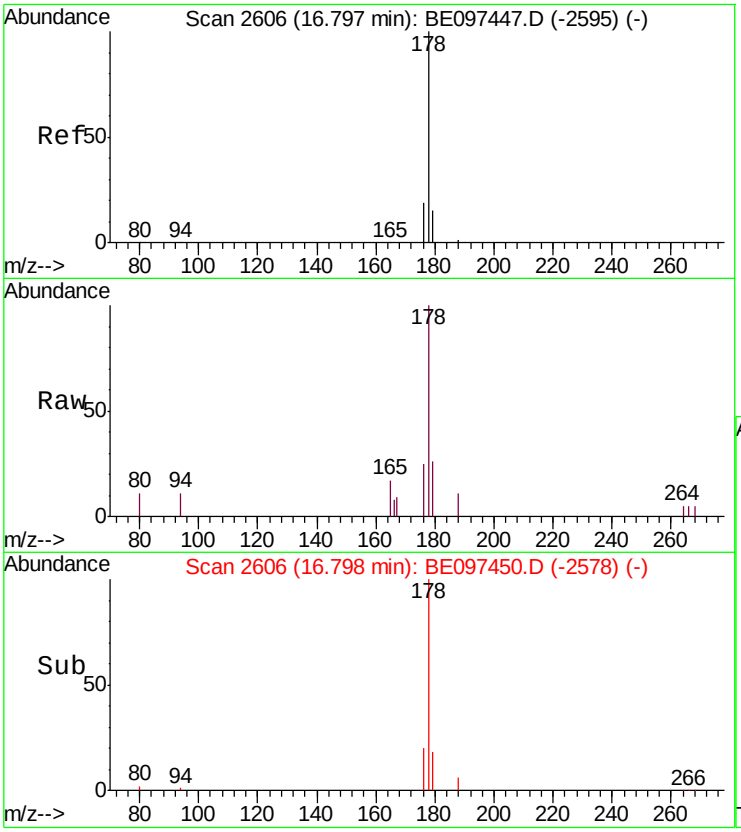


#11
Pentachlorophenol
Concen: 0.120 ng/ul
RT: 16.43 min Scan# 2554
Delta R.T. 0.00 min
Lab File: BE097450.D
Acq: 12 Sep 2018 12:11

Tgt Ion:266 Resp: 108

Ion	Ratio	Lower	Upper
266	100		
264	60.2	47.9	71.9
268	63.0	49.8	74.8

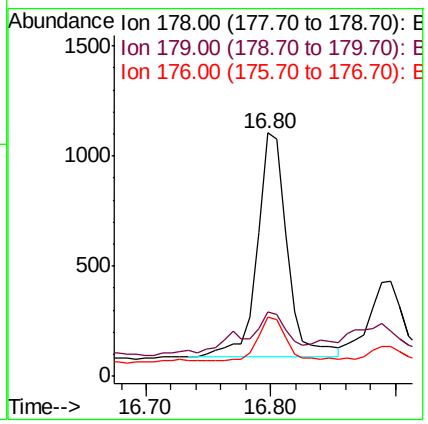




#12
Phenanthrene
Concen: 0.070 ng/ul
RT: 16.80 min Scan# 2606
Delta R.T. 0.00 min
Lab File: BE097450.D
Acq: 12 Sep 2018 12:11

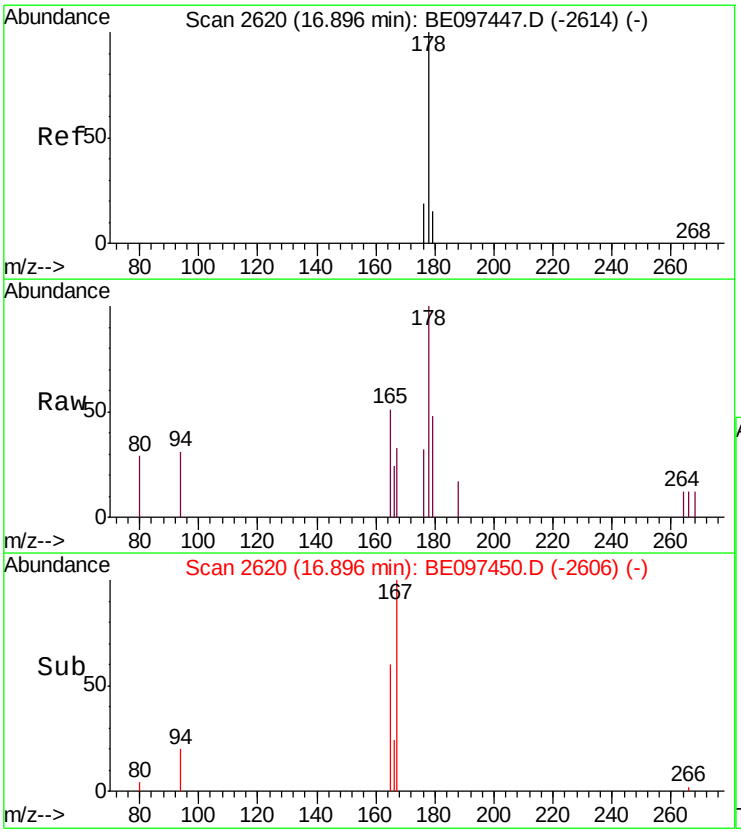
Tgt Ion:178 Resp: 1661

Ion	Ratio	Lower	Upper
178	100		
179	26.2	18.4	27.6
176	24.5	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
A3YZ4MS

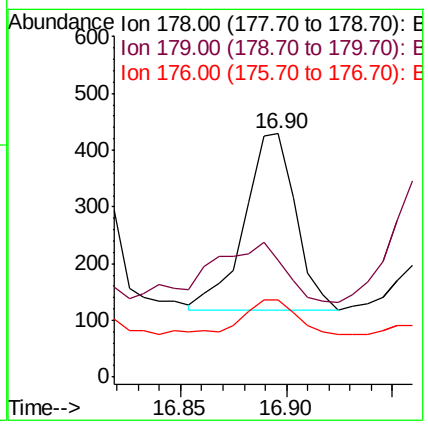
Manual Integrations APPROVED
Sohil
9/13/2018 5:42:14 PM

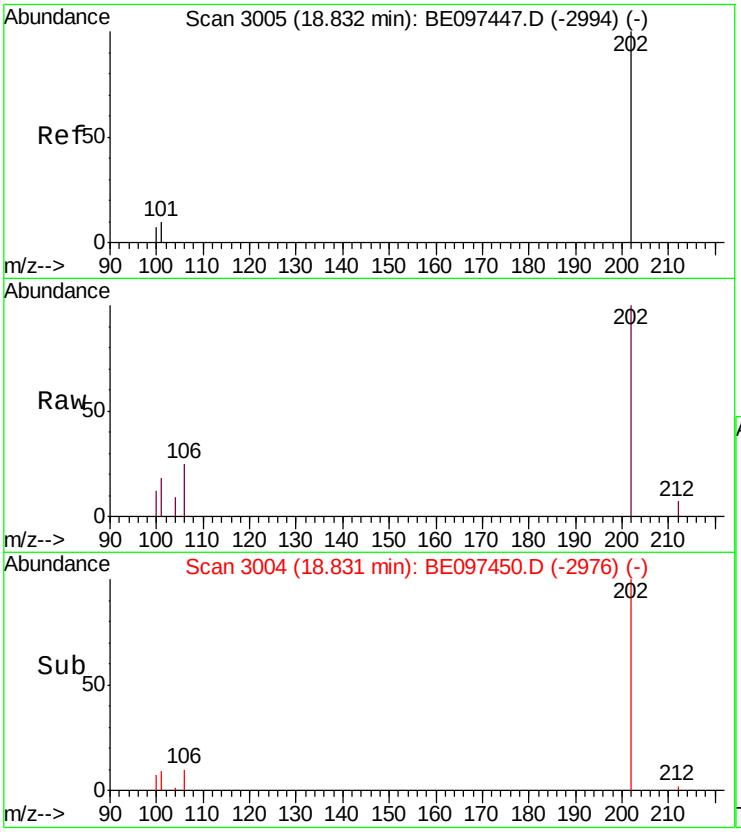


#13
Anthracene
Concen: 0.026 ng/ul
RT: 16.90 min Scan# 2620
Delta R.T. 0.00 min
Lab File: BE097450.D
Acq: 12 Sep 2018 12:11

Tgt Ion:178 Resp: 521

Ion	Ratio	Lower	Upper
178	100		
179	48.0	18.1	27.1#
176	31.9	14.7	22.1#





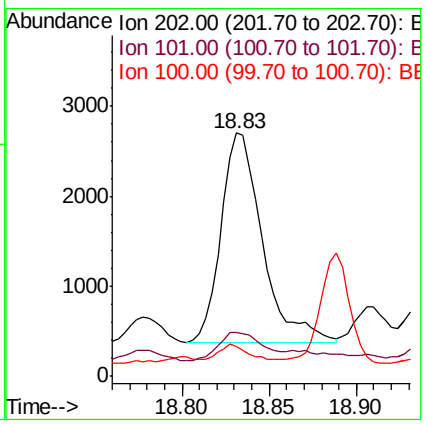
#15
Fluoranthene
Concen: 0.126 ng/ul
RT: 18.83 min Scan# 3004
Delta R.T. -0.00 min
Lab File: BE097450.D
Acq: 12 Sep 2018 12:11

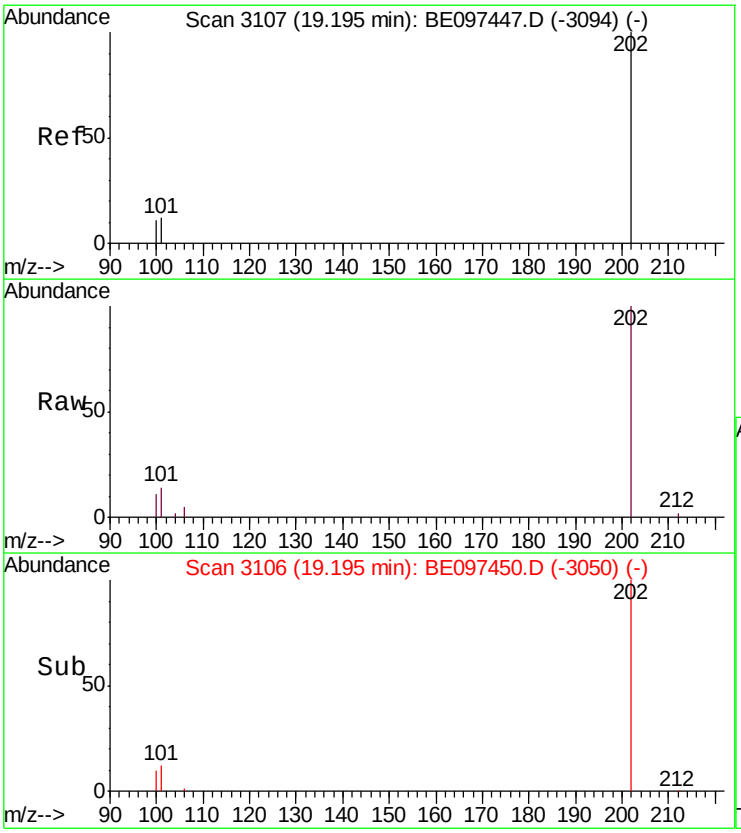
Tgt Ion:202 Resp: 3817

Ion	Ratio	Lower	Upper
202	100		
101	17.9	0.0	30.3
100	12.0	0.0	39.5

Instrument :
BNA_E
ClientSampleId :
A3YZ4MS

Manual Integrations APPROVED
Sohil
9/13/2018 5:42:14 PM

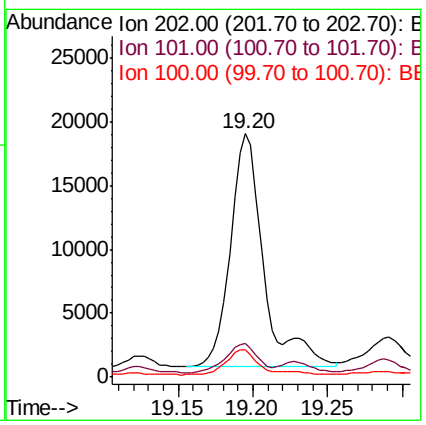


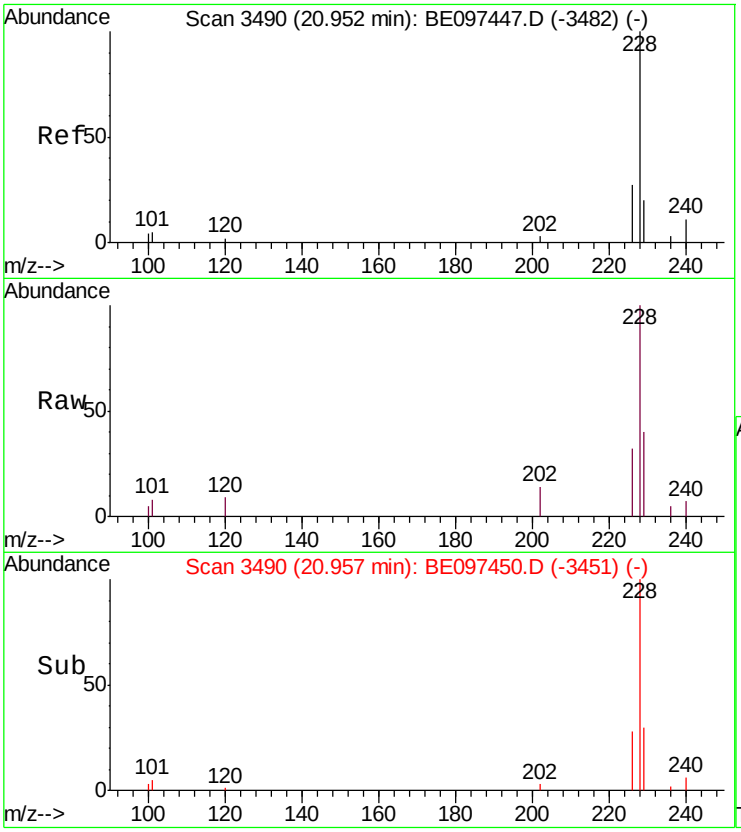


#17
Pyrene
Concen: 0.979 ng/ul
RT: 19.20 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BE097450.D
Acq: 12 Sep 2018 12:11

Tgt Ion:202 Resp: 28391

Ion	Ratio	Lower	Upper
202	100		
101	13.8	18.2	27.4#
100	11.1	15.6	23.4#





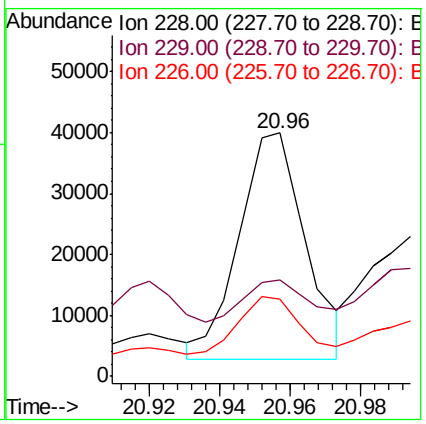
#18
Benzo(a)anthracene
Concen: 1.762 ng/ul
RT: 20.96 min Scan# 3490
Delta R.T. 0.01 min
Lab File: BE097450.D
Acq: 12 Sep 2018 12:11

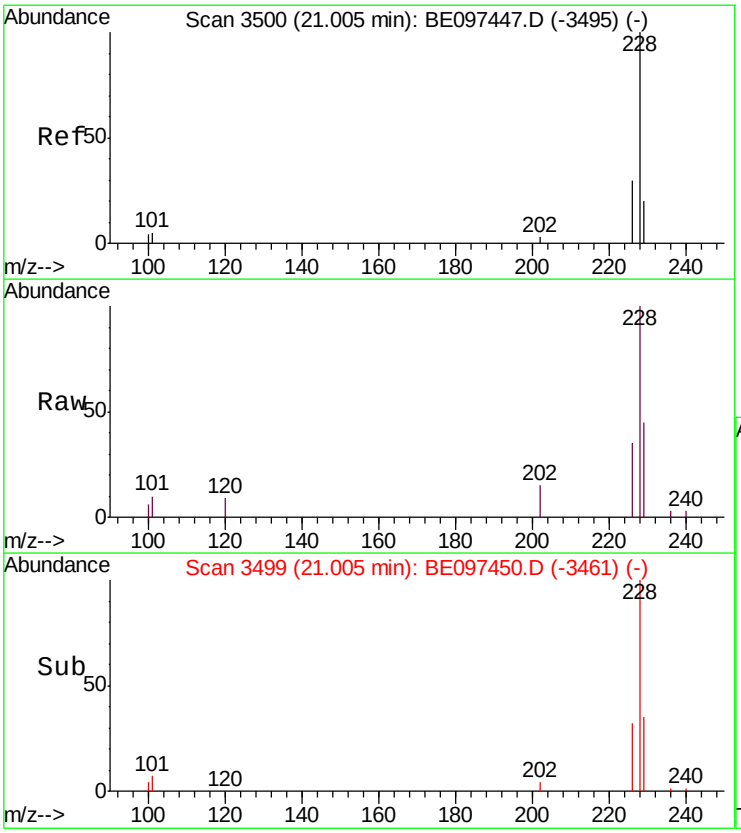
Tgt Ion:228 Resp: 48782

Ion	Ratio	Lower	Upper
228	100		
229	39.6	22.8	34.2#
226	31.8	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
A3YZ4MS

Manual Integrations APPROVED
Sohil
9/13/2018 5:42:14 PM

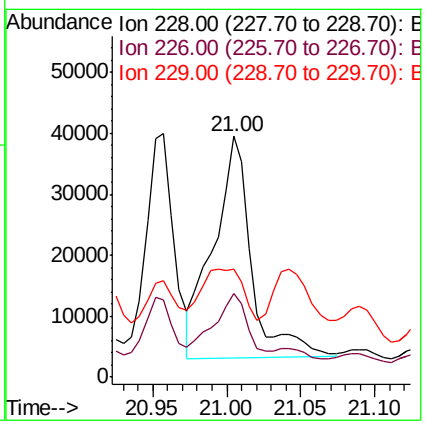


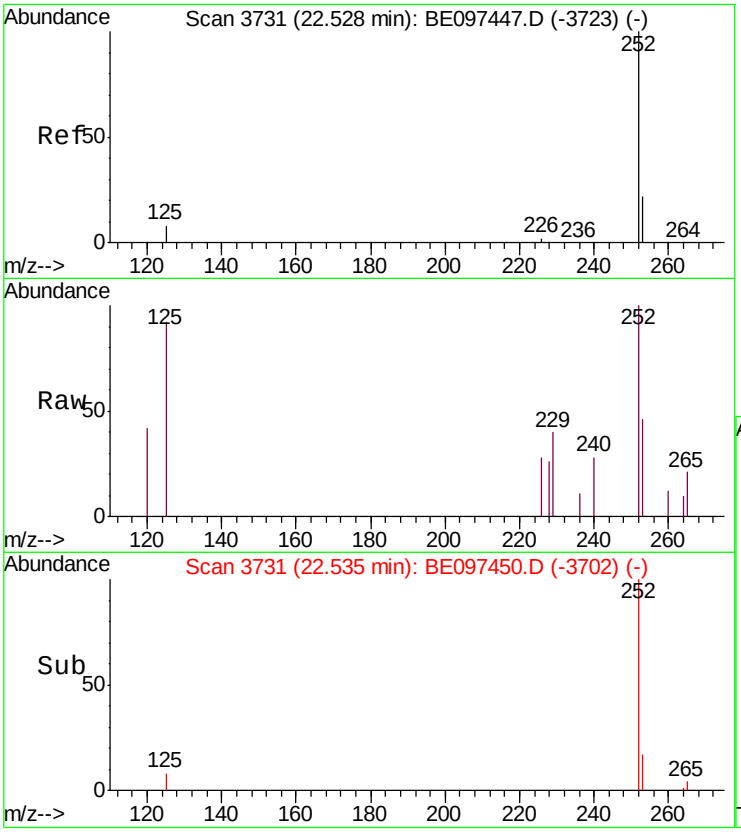


#19
Chrysene
Concen: 2.063 ng/ul
RT: 21.00 min Scan# 3499
Delta R.T. -0.00 min
Lab File: BE097450.D
Acq: 12 Sep 2018 12:11

Tgt Ion:228 Resp: 65783

Ion	Ratio	Lower	Upper
228	100		
226	34.8	23.4	35.0
229	44.7	17.7	26.5#

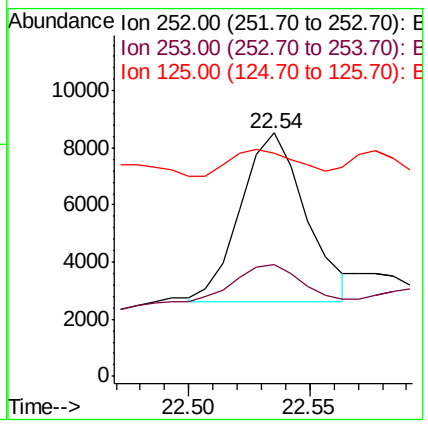




#21
Benzo(b)fluoranthene
Concen: 0.360 ng/ul m
RT: 22.54 min Scan# 3731
Delta R.T. 0.01 min
Lab File: BE097450.D
Acq: 12 Sep 2018 12:11

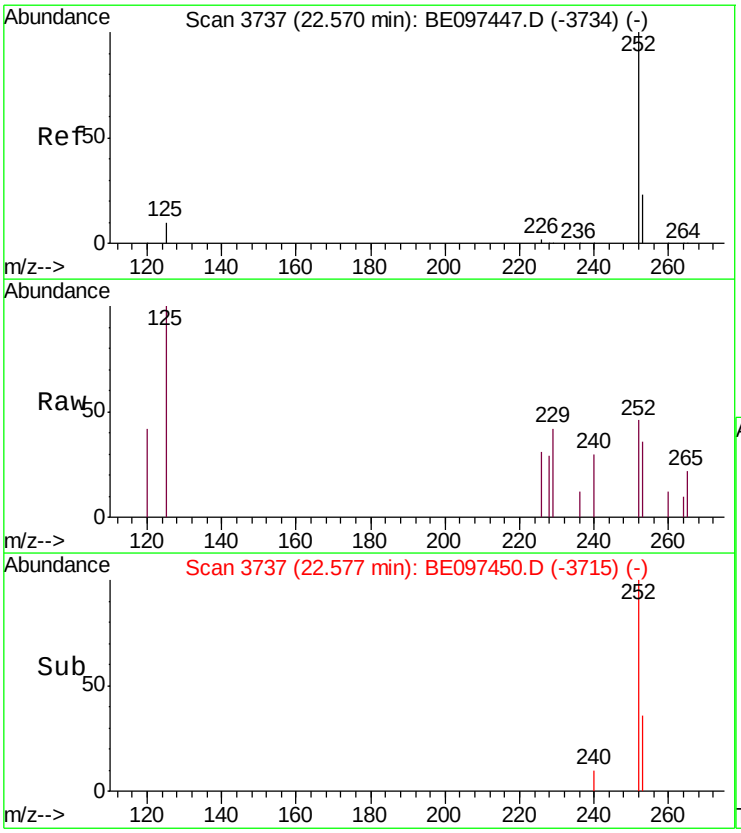
Tgt Ion:252 Resp: 11092

Ion	Ratio	Lower	Upper
252	100		
253	46.1	0.0	64.2
125	91.8	0.0	35.0#



Instrument :
BNA_E
ClientSampleId :
A3YZ4MS

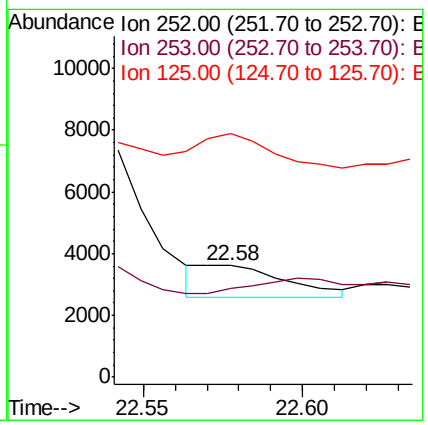
Manual Integrations APPROVED
Sohil
9/13/2018 5:42:14 PM

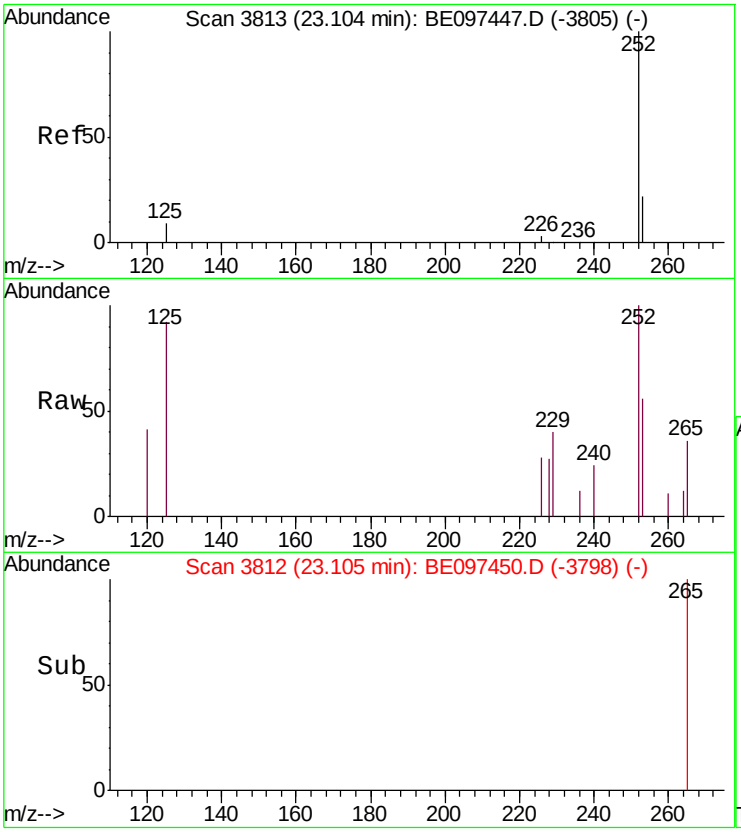


#22
Benzo(k)fluoranthene
Concen: 0.055 ng/ul m
RT: 22.58 min Scan# 3737
Delta R.T. 0.01 min
Lab File: BE097450.D
Acq: 12 Sep 2018 12:11

Tgt Ion:252 Resp: 1901

Ion	Ratio	Lower	Upper
252	100		
253	79.0	24.5	36.7#
125	218.1	13.7	20.5#





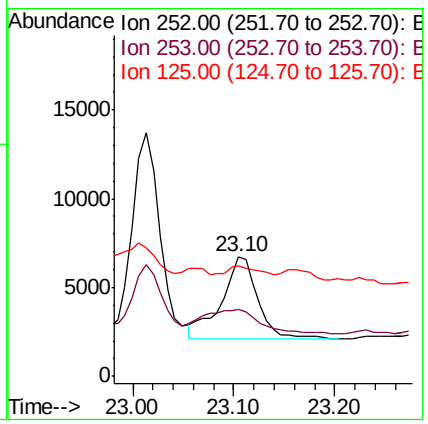
#23
Benzo(a)pyrene
Concen: 0.414 ng/ul
RT: 23.10 min Scan# 3812
Delta R.T. 0.00 min
Lab File: BE097450.D
Acq: 12 Sep 2018 12:11

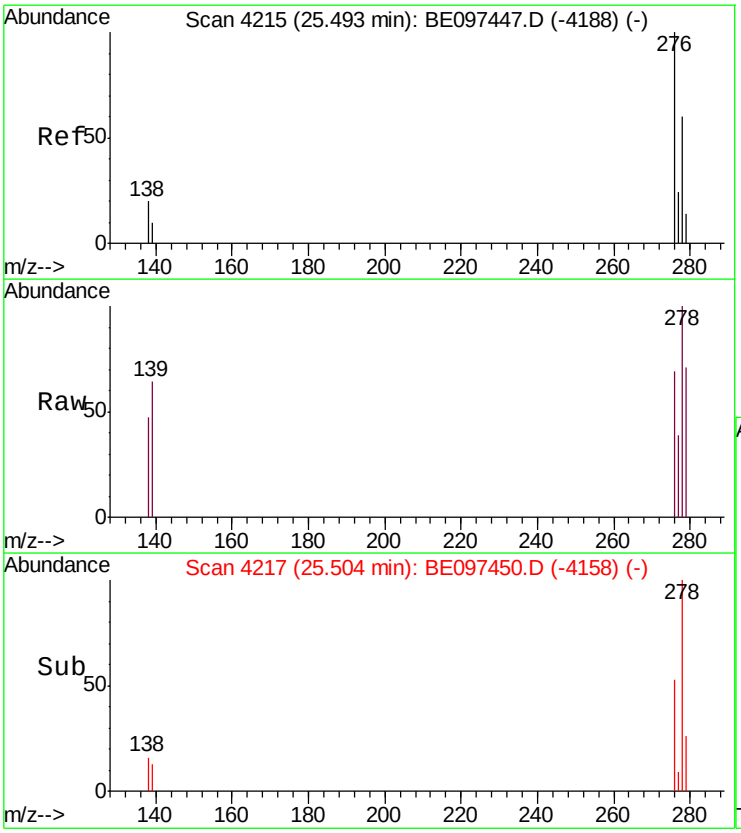
Instrument :
BNA_E
ClientSampleId :
A3YZ4MS

Manual Integrations APPROVED
Sohil
9/13/2018 5:42:14 PM

Tgt Ion:252 Resp: 11793

Ion	Ratio	Lower	Upper
252	100		
253	55.7	28.5	42.7#
125	92.1	18.1	27.1#

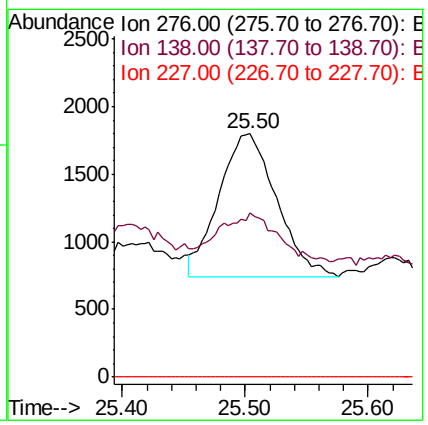


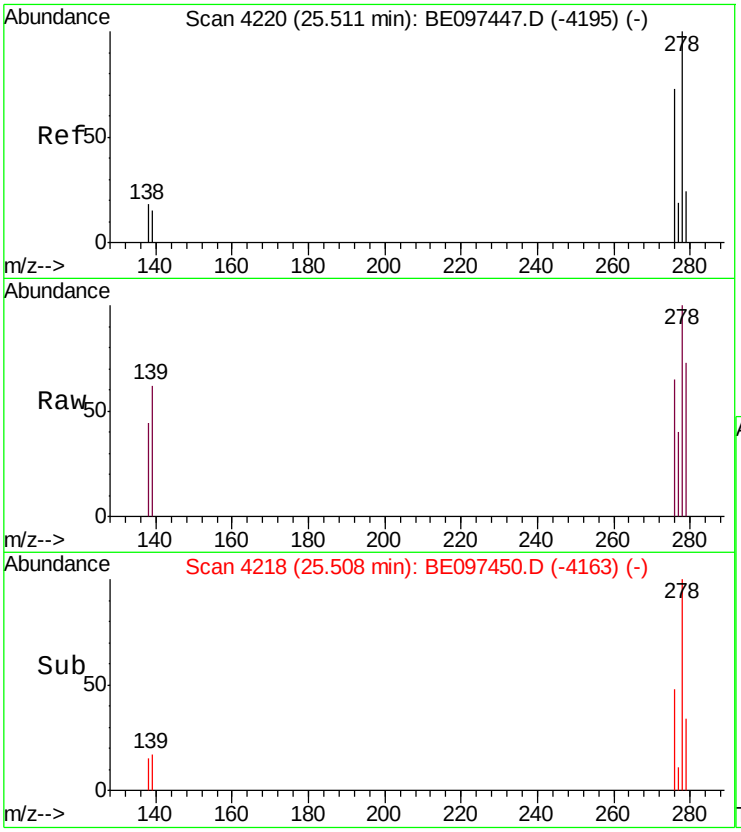


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.094 ng/ul
RT: 25.50 min Scan# 4217
Delta R.T. 0.01 min
Lab File: BE097450.D
Acq: 12 Sep 2018 12:11

Tgt Ion:276 Resp: 3470

Ion	Ratio	Lower	Upper
276	100		
138	35.4	28.0	42.0
227	0.0	8.0	12.0#





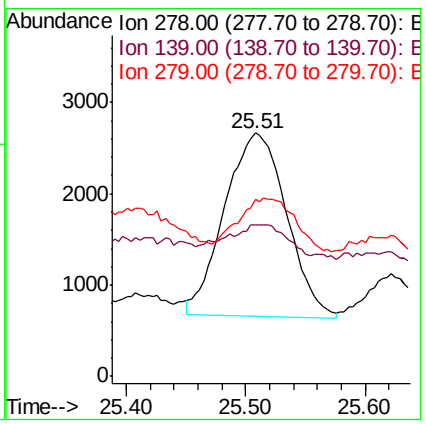
#25
Dibenzo(a,h)anthracene
Concen: 0.231 ng/ul
RT: 25.51 min Scan# 4218
Delta R.T. -0.00 min
Lab File: BE097450.D
Acq: 12 Sep 2018 12:11

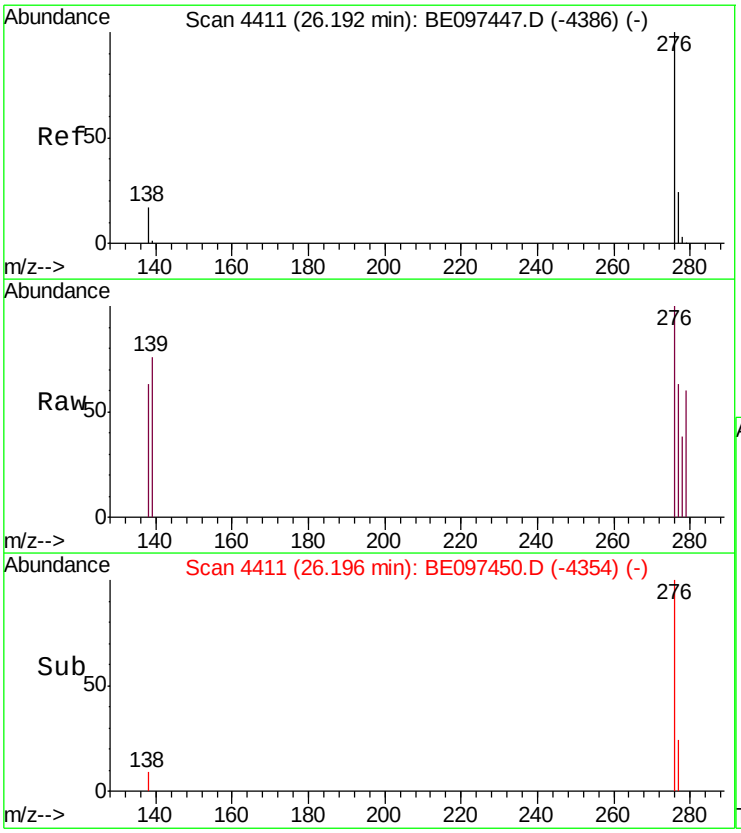
Tgt Ion:278 Resp: 7208

Ion	Ratio	Lower	Upper
278	100		
139	62.4	17.4	26.0#
279	72.8	25.9	38.9#

Instrument :
BNA_E
ClientSampleId :
A3YZ4MS

Manual Integrations APPROVED
Sohil
9/13/2018 5:42:14 PM





#26
Benzo(g,h,i)perylene
Concen: 0.092 ng/ul
RT: 26.20 min Scan# 4411
Delta R.T. 0.00 min
Lab File: BE097450.D
Acq: 12 Sep 2018 12:11

Tgt Ion:276 Resp: 2907

Ion	Ratio	Lower	Upper
276	100		
138	63.0	21.8	32.8#
277	63.3	20.5	30.7#