Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE082918\
Data File : BE097392.D
Acq On : 29 Aug 2018 16:46
Operator : SJ/JU
Sample : J4596-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : A3Z29

Manual Integrations APPROVED
Sohil
8/30/2018 5:36:43 PM

Quant Time: Aug 29 17:31:45 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 : Wed Aug 29 13:18:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	828	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	4135	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	2672	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	7565m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	9542m	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	8485m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	1377	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	5272m	0.21	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	16.80	178	1045m	0.054	ng/ul	
15) Fluoranthene	18.83	202	1923m	0.077	ng/ul	
17) Pyrene	19.19	202	2361m	0.092	ng/ul	
18) Benzo(a)anthracene	20.95	228	1133	0.046	ng/ul#	71
19) Chrysene	21.01	228	2350	0.083	ng/ul#	80
21) Benzo(b)fluoranthene	22.53	252	2364m	0.104	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	1050m	0.041	ng/ul	
23) Benzo(a)pyrene	23.10	252	928	0.044	ng/ul#	41
24) Indeno(1,2,3-cd)pyrene	25.49	276	854	0.031	ng/ul#	87
26) Benzo(g,h,i)perylene	26.20	276	949	0.041	ng/ul#	68

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

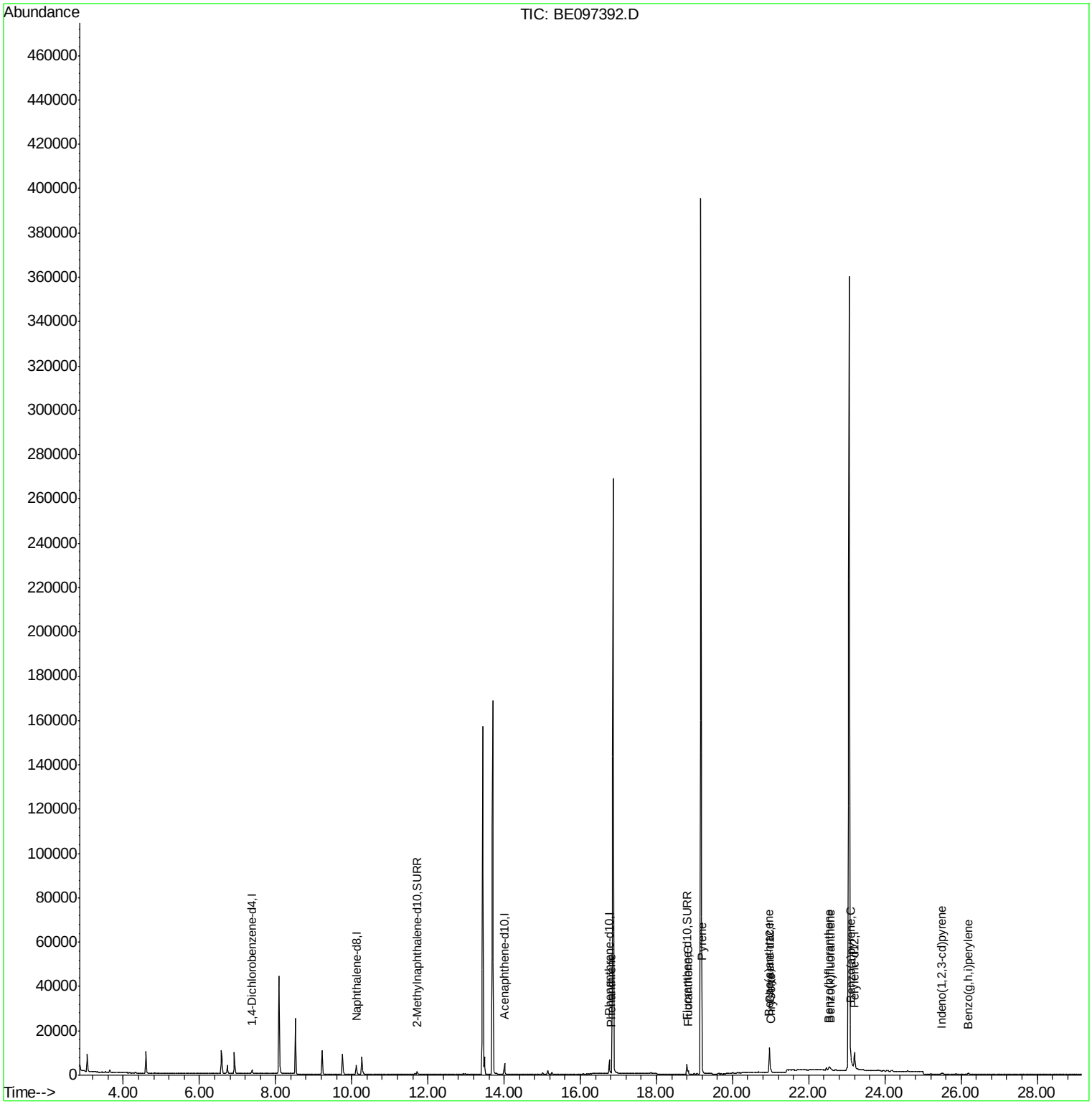
Quantitation Report (QT Reviewed)

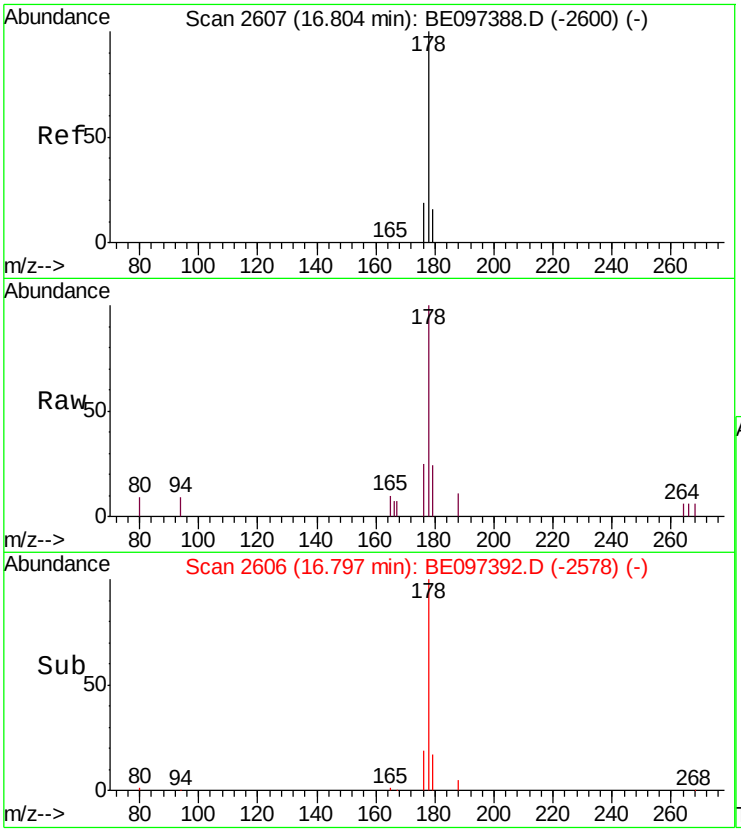
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE082918\
Data File : BE097392.D
Acq On : 29 Aug 2018 16:46
Operator : SJ/JU
Sample : J4596-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 29 17:31:45 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 : Wed Aug 29 13:18:39 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A3Z29

Manual Integrations APPROVED
Sohil
8/30/2018 5:36:43 PM

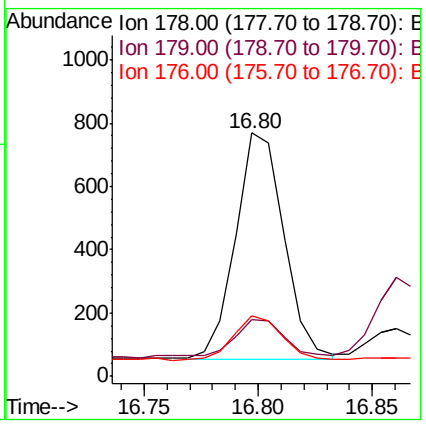




#12
Phenanthrene
Concen: 0.054 ng/ul m
RT: 16.80 min Scan# 2606
Delta R.T. -0.01 min
Lab File: BE097392.D
Acq: 29 Aug 2018 16:46

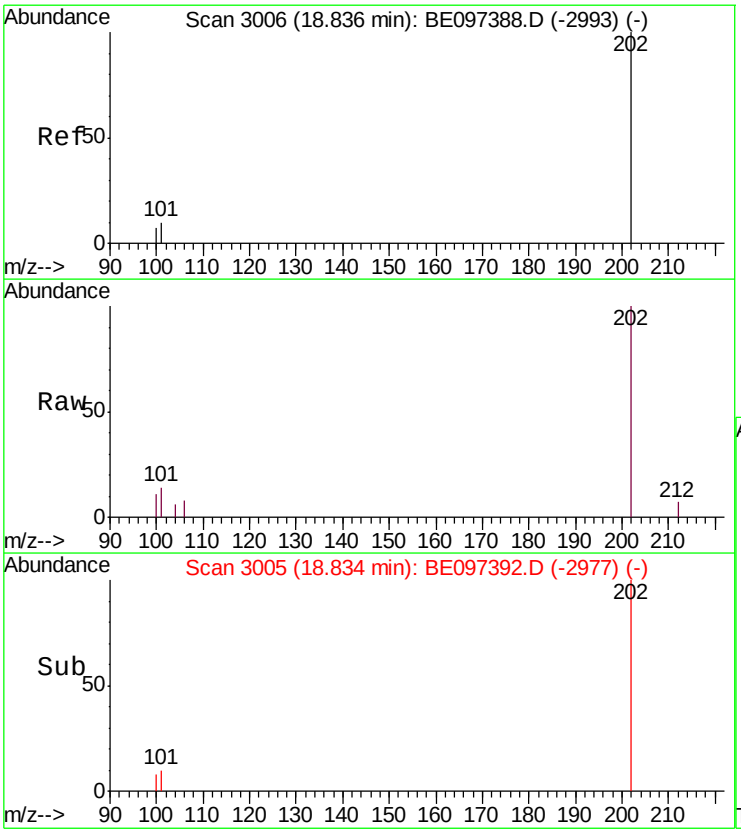
Tgt Ion:178 Resp: 1045

Ion	Ratio	Lower	Upper
178	100		
179	23.5	18.4	27.6
176	24.7	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
A3Z29

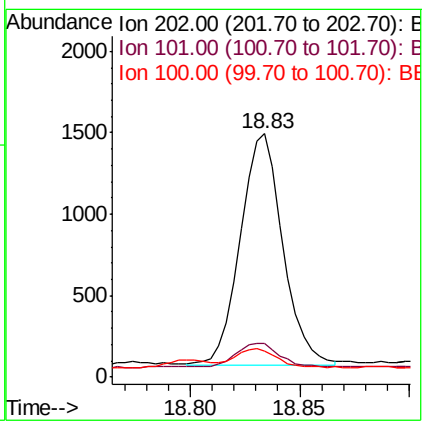
Manual Integrations APPROVED
Sohil
8/30/2018 5:36:43 PM

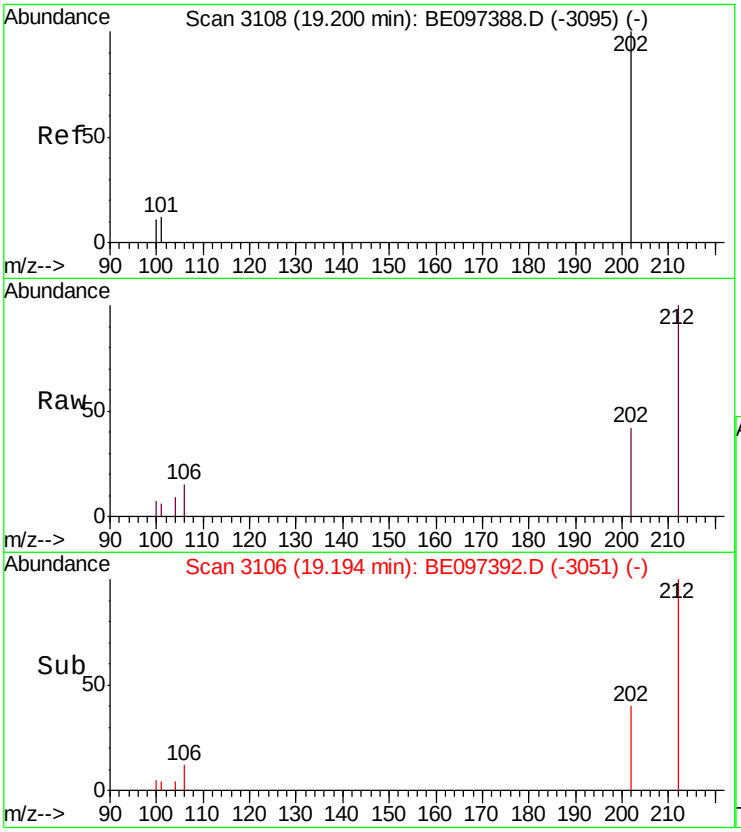


#15
Fluoranthene
Concen: 0.077 ng/ul m
RT: 18.83 min Scan# 3005
Delta R.T. -0.00 min
Lab File: BE097392.D
Acq: 29 Aug 2018 16:46

Tgt Ion:202 Resp: 1923

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	30.3
100	10.8	0.0	39.5

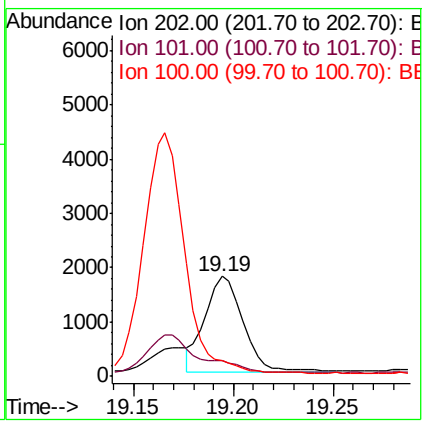




#17
Pyrene
Concen: 0.092 ng/ul m
RT: 19.19 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BE097392.D
Acq: 29 Aug 2018 16:46

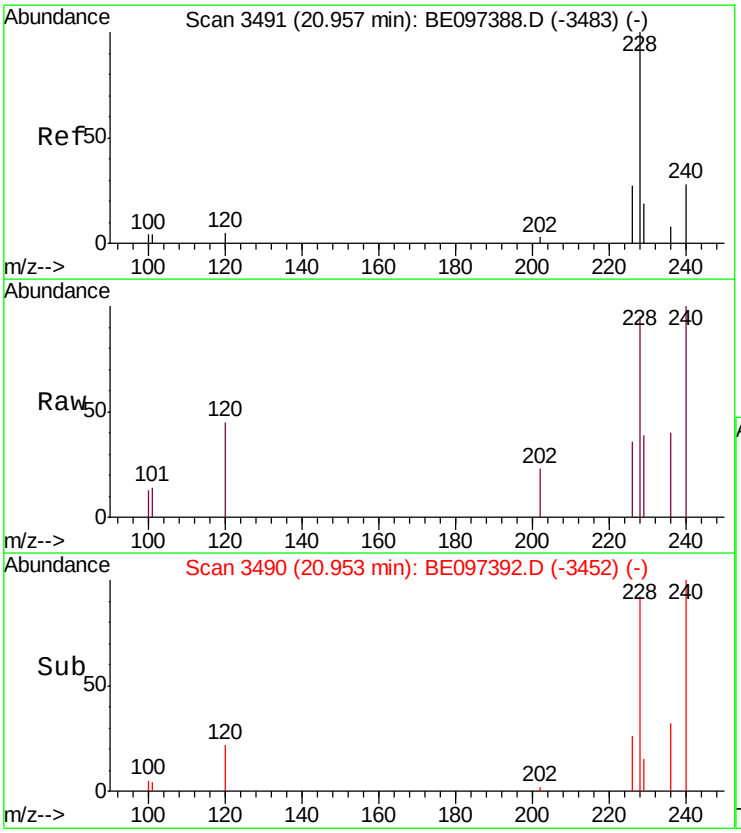
Tgt Ion:202 Resp: 2361

Ion	Ratio	Lower	Upper
202	100		
101	15.5	18.2	27.4#
100	15.6	15.6	23.4



Instrument :
BNA_E
ClientSampleId :
A3Z29

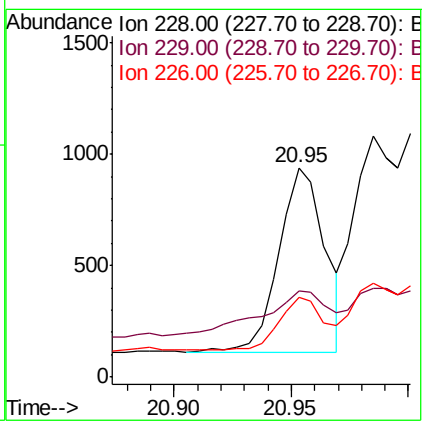
Manual Integrations APPROVED
Sohil
8/30/2018 5:36:43 PM

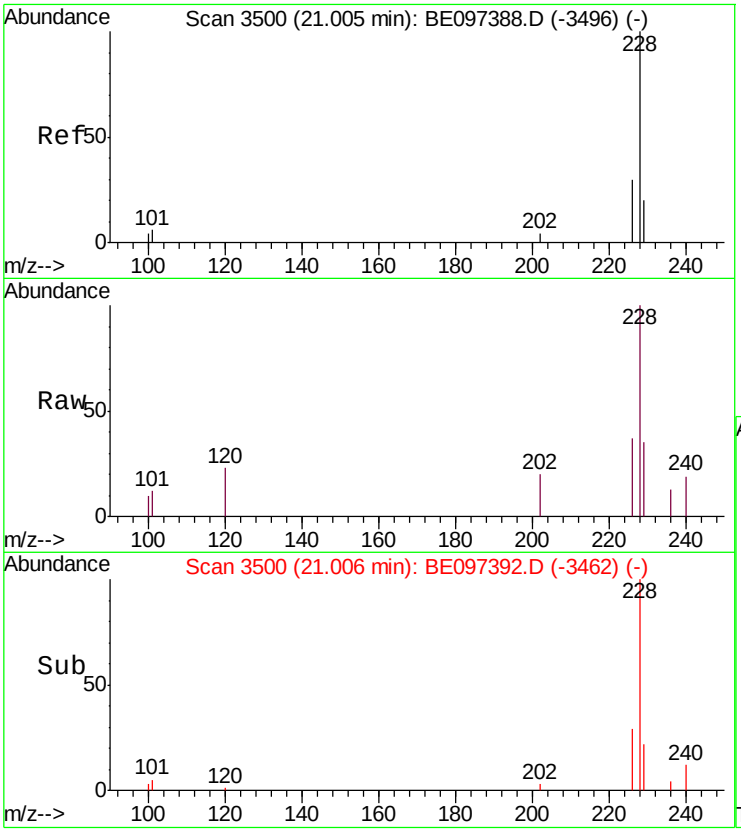


#18
Benzo(a)anthracene
Concen: 0.046 ng/ul
RT: 20.95 min Scan# 3490
Delta R.T. 0.00 min
Lab File: BE097392.D
Acq: 29 Aug 2018 16:46

Tgt Ion:228 Resp: 1133

Ion	Ratio	Lower	Upper
228	100		
229	41.3	22.8	34.2#
226	38.0	17.0	25.6#





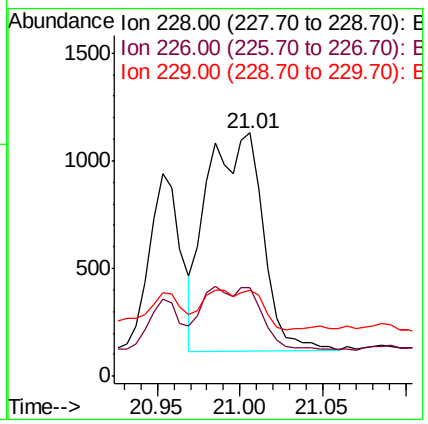
#19
Chrysene
Concen: 0.083 ng/ul
RT: 21.01 min Scan# 3500
Delta R.T. 0.00 min
Lab File: BE097392.D
Acq: 29 Aug 2018 16:46

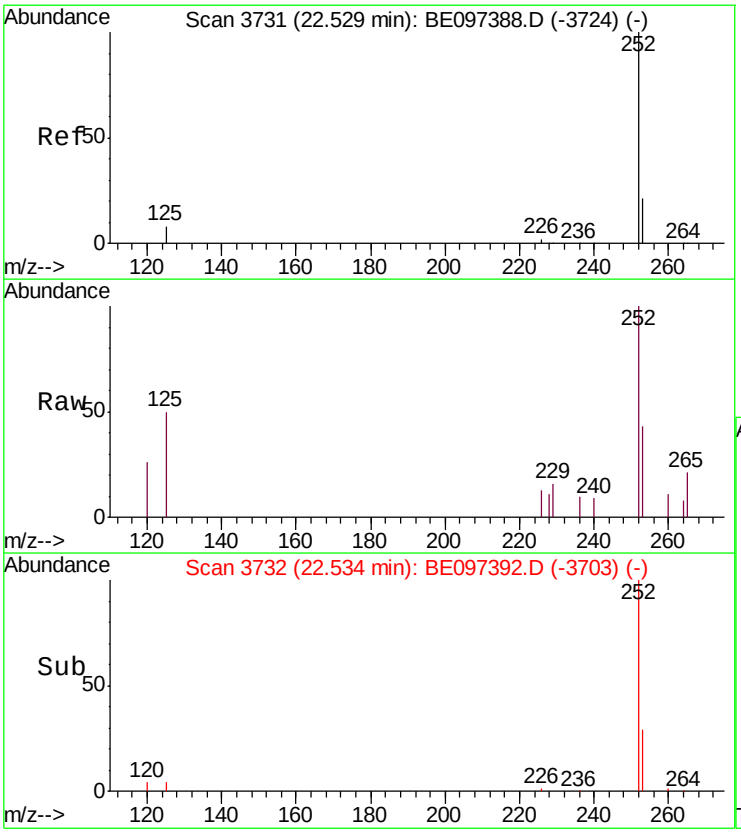
Tgt Ion:228 Resp: 2350

Ion	Ratio	Lower	Upper
228	100		
226	36.6	23.4	35.0#
229	35.4	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
A3Z29

Manual Integrations APPROVED
Sohil
8/30/2018 5:36:43 PM

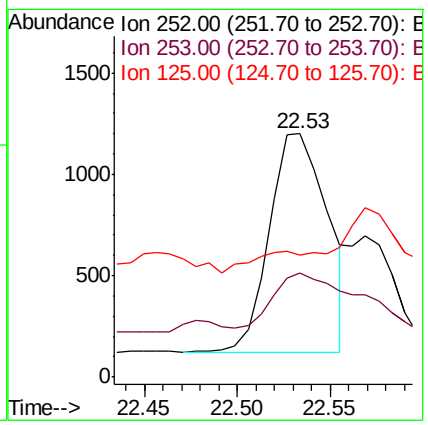


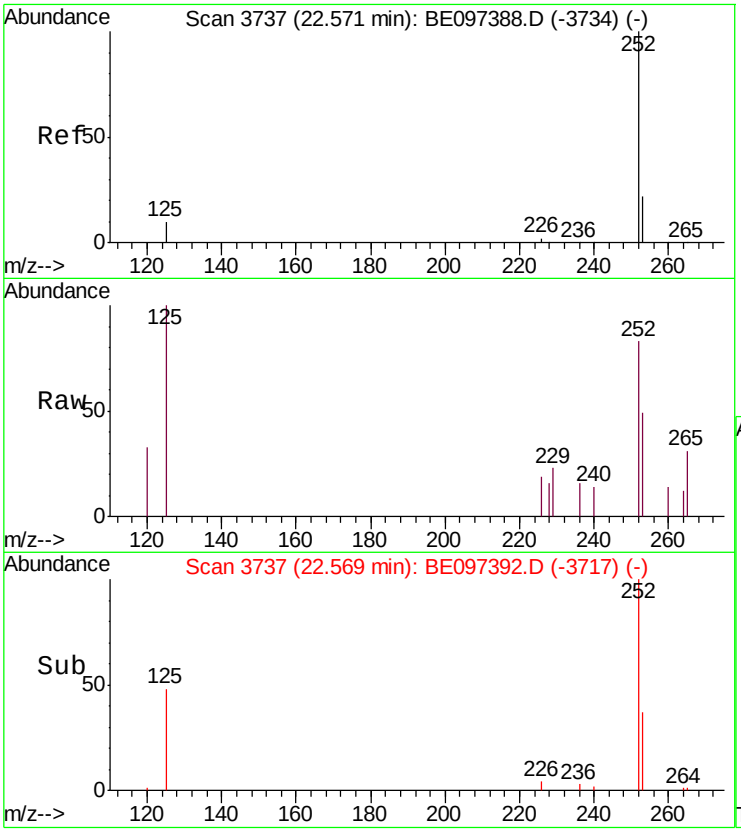


#21
Benzo(b)fluoranthene
Concen: 0.104 ng/ul m
RT: 22.53 min Scan# 3732
Delta R.T. 0.01 min
Lab File: BE097392.D
Acq: 29 Aug 2018 16:46

Tgt Ion:252 Resp: 2364

Ion	Ratio	Lower	Upper
252	100		
253	42.9	0.0	64.2
125	50.1	0.0	35.0#





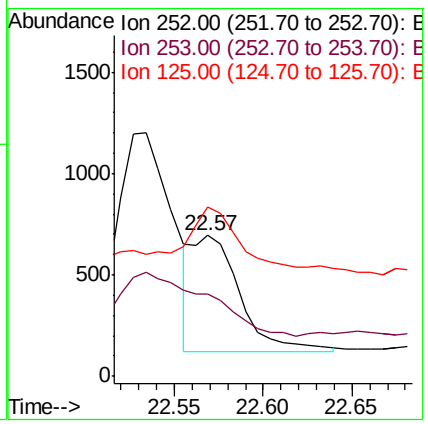
#22
Benzo(k)fluoranthene
Concen: 0.041 ng/ul m
RT: 22.57 min Scan# 3737
Delta R.T. -0.01 min
Lab File: BE097392.D
Acq: 29 Aug 2018 16:46

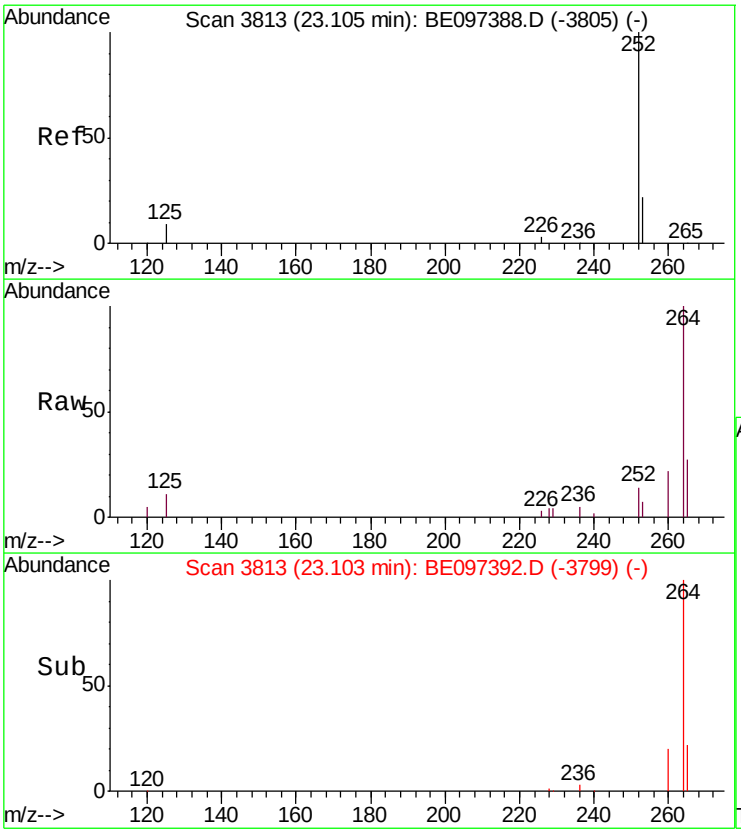
Tgt Ion:252 Resp: 1050

Ion	Ratio	Lower	Upper
252	100		
253	58.3	24.5	36.7#
125	120.0	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
A3Z29

Manual Integrations APPROVED
Sohil
8/30/2018 5:36:43 PM

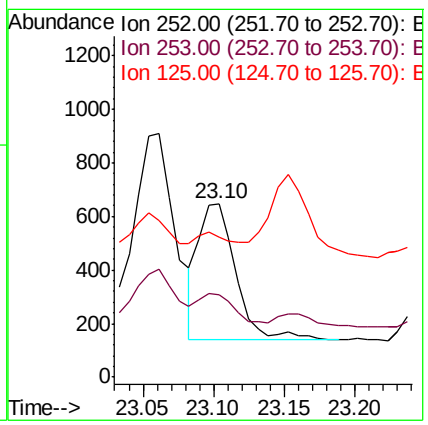


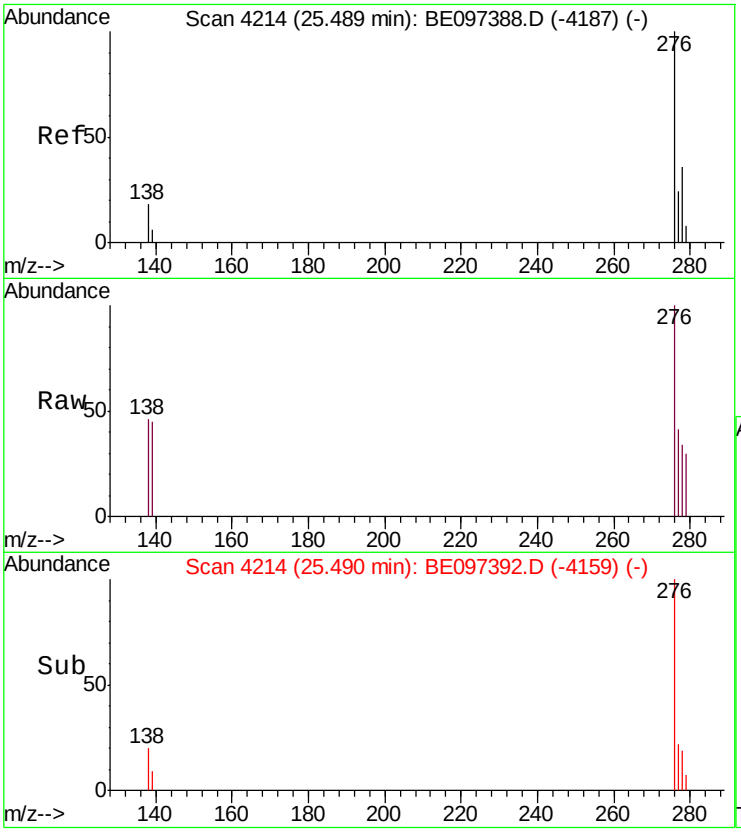


#23
Benzo(a)pyrene
Concen: 0.044 ng/ul
RT: 23.10 min Scan# 3813
Delta R.T. -0.00 min
Lab File: BE097392.D
Acq: 29 Aug 2018 16:46

Tgt Ion:252 Resp: 928

Ion	Ratio	Lower	Upper
252	100		
253	47.5	28.5	42.7#
125	80.4	18.1	27.1#





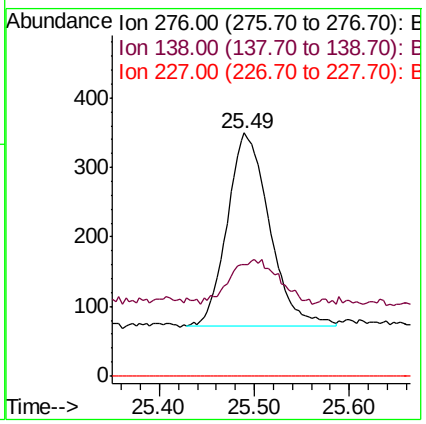
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.031 ng/ul
RT: 25.49 min Scan# 4214
Delta R.T. -0.00 min
Lab File: BE097392.D
Acq: 29 Aug 2018 16:46

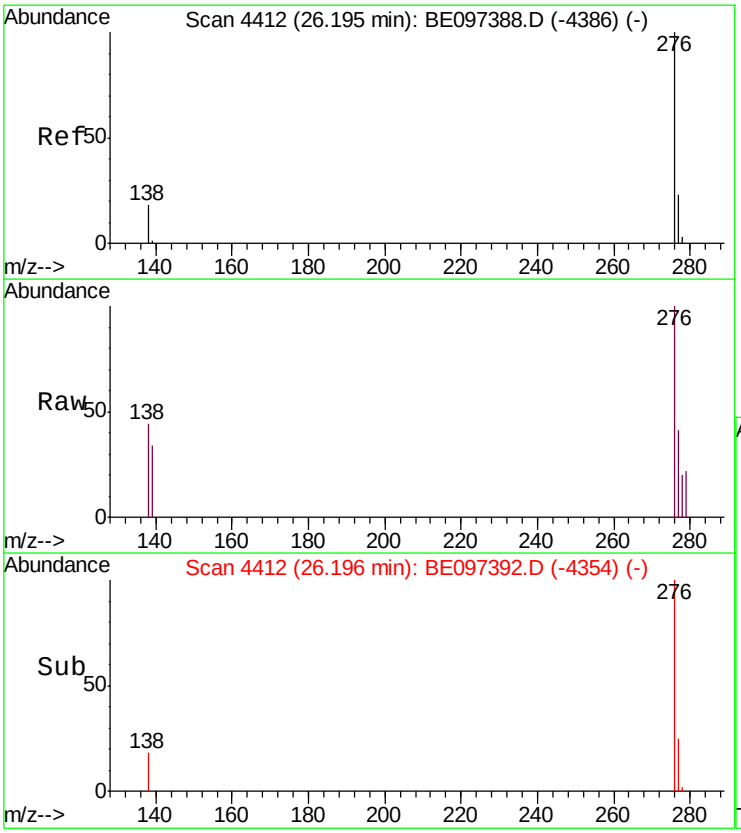
Tgt Ion:276 Resp: 854

Ion	Ratio	Lower	Upper
276	100		
138	29.7	28.0	42.0
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
A3Z29

Manual Integrations APPROVED
Sohil
8/30/2018 5:36:43 PM





#26
Benzo(g,h,i)perylene
Concen: 0.041 ng/ul
RT: 26.20 min Scan# 4412
Delta R.T. 0.01 min
Lab File: BE097392.D
Acq: 29 Aug 2018 16:46

Tgt Ion:276 Resp: 949

Ion	Ratio	Lower	Upper
276	100		
138	44.4	21.8	32.8#
277	41.2	20.5	30.7#