Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\
Data File : BE097837.D
Acq On : 10 Oct 2018 20:53
Operator : SJ/JU
Sample : J5183-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JLC39

Manual Integrations APPROVED
Sohil
10/11/2018 5:33:40 PM

Quant Time: Oct 11 01:51:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 01:20:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2536	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	12811	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	10233	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	29425m	0.40	ng/ul	0.00
16) Chrysene-d12	21.48	240	32775m	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	29548m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	6235	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	32768m	0.34	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.35	178	2729m	0.039	ng/ul	
15) Fluoranthene	19.36	202	5397m	0.058	ng/ul	
17) Pyrene	19.72	202	6052m	0.075	ng/ul	
18) Benzo(a)anthracene	21.47	228	3006m	0.033	ng/ul	
19) Chrysene	21.52	228	6797m	0.077	ng/ul	
26) Benzo(g,h,i)perylene	27.55	276	8078m	0.108	ng/ul	

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

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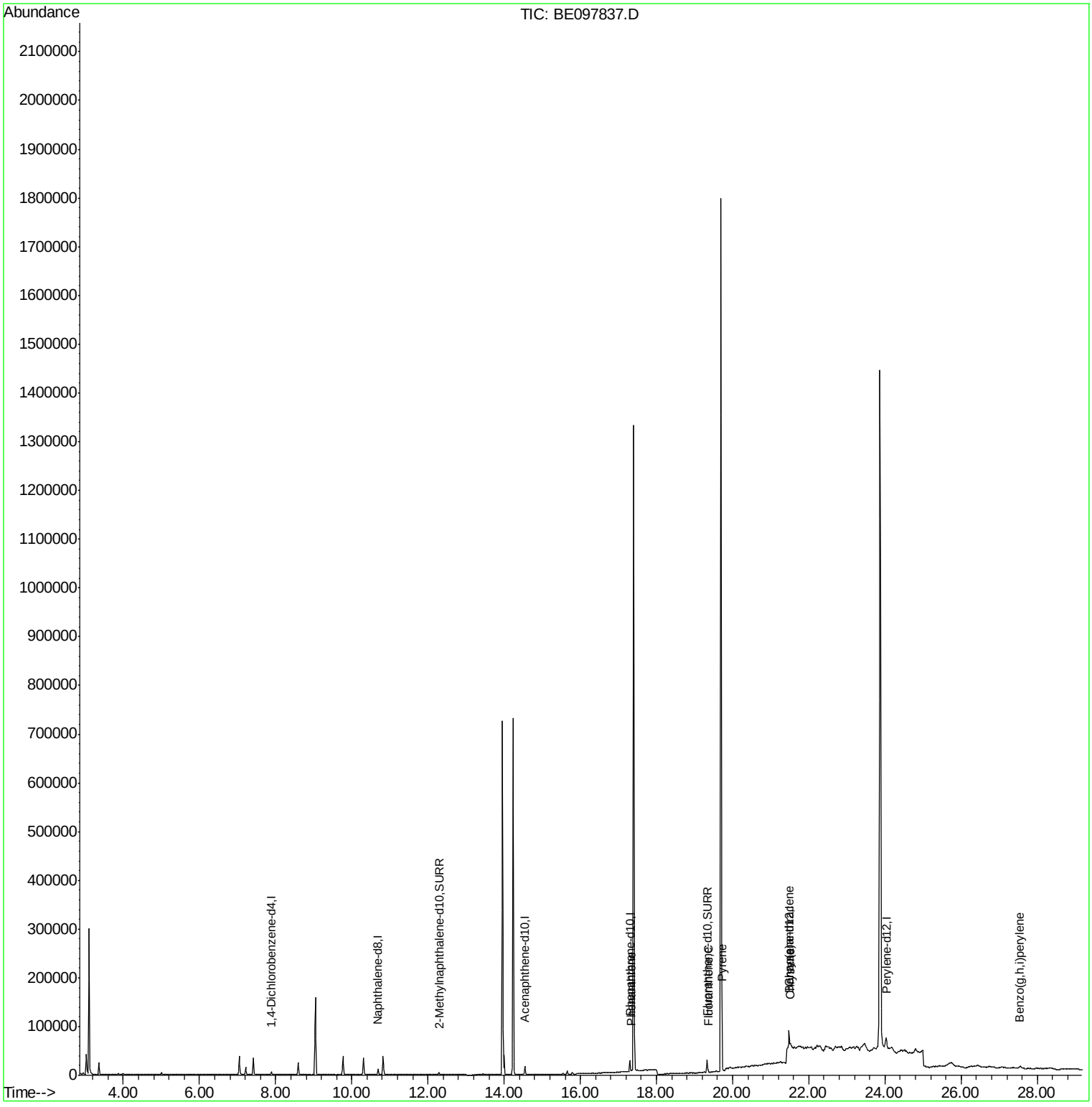
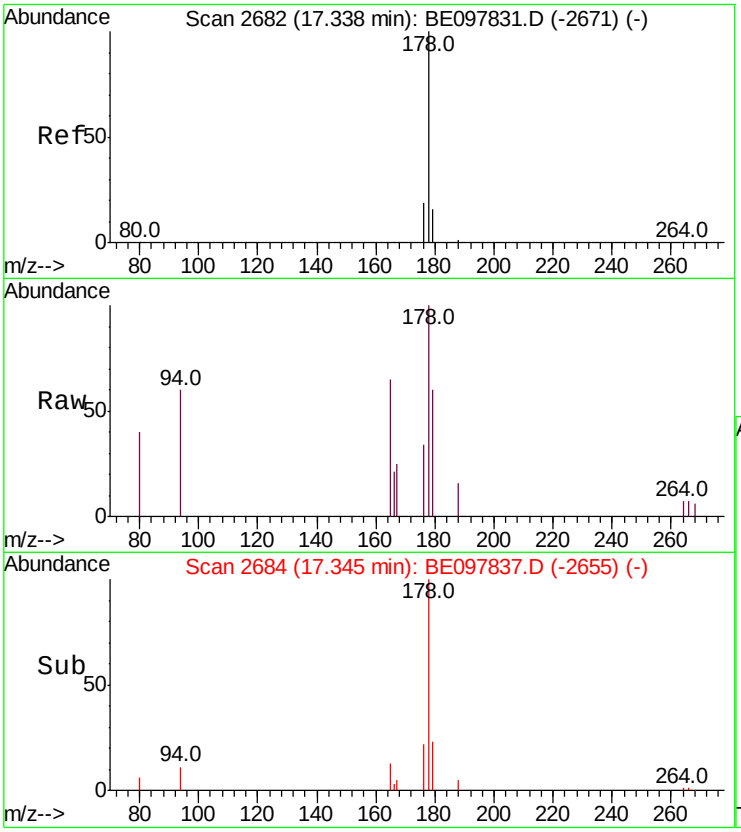
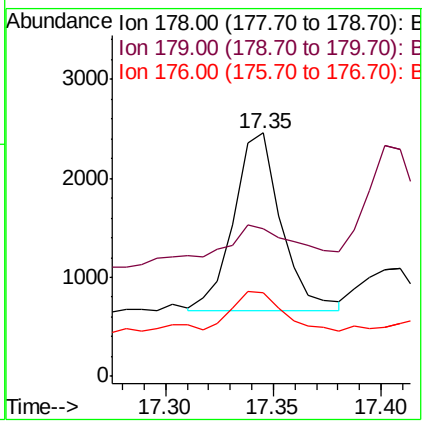




#12
Phenanthrene
Concen: 0.039 ng/ul m
RT: 17.35 min Scan# 2684
Delta R.T. 0.01 min
Lab File: BE097837.D
Acq: 10 Oct 2018 20:53

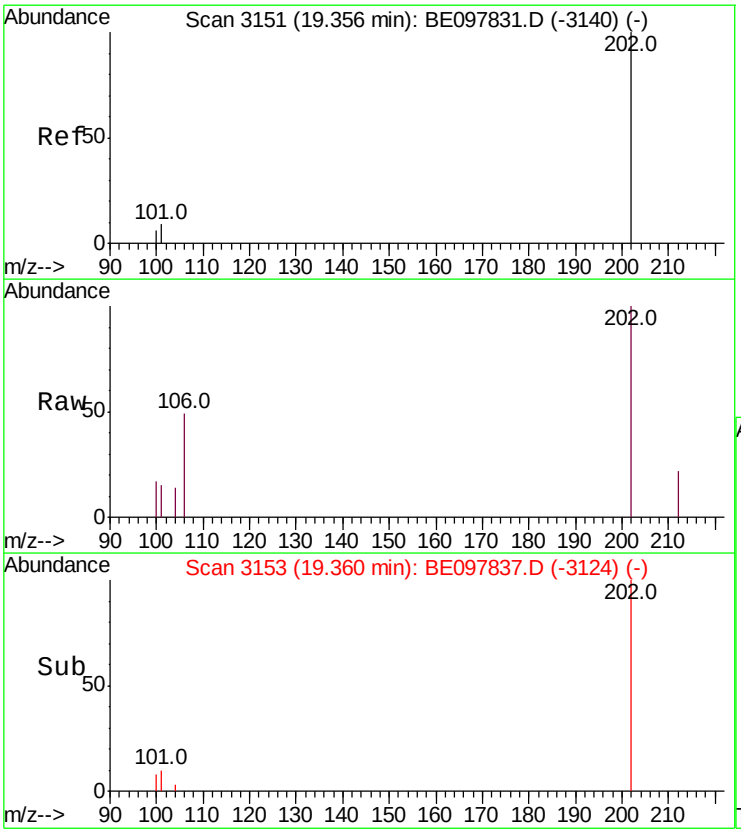
Tgt Ion:178 Resp: 2729

Ion	Ratio	Lower	Upper
178	100		
179	60.4	12.8	19.2#
176	34.2	14.9	22.3#



Instrument :
BNA_E
ClientSampleId :
JLC39

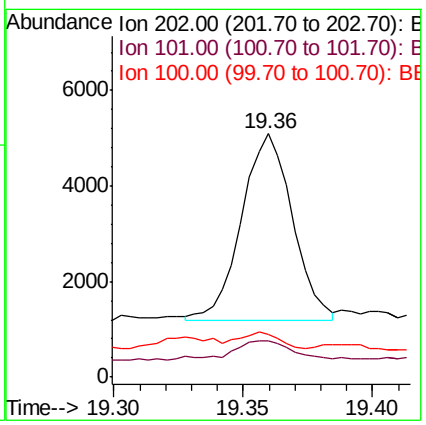
Manual Integrations APPROVED
Sohil
10/11/2018 5:33:40 PM

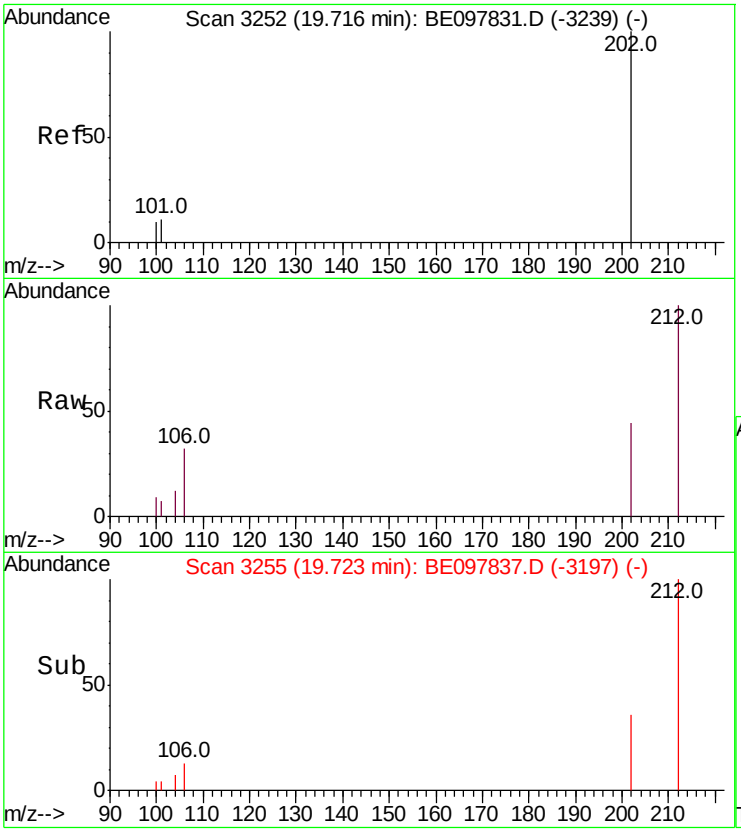


#15
Fluoranthene
Concen: 0.058 ng/ul m
RT: 19.36 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BE097837.D
Acq: 10 Oct 2018 20:53

Tgt Ion:202 Resp: 5397

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	29.3
100	17.3	0.0	27.5





#17
Pyrene
Concen: 0.075 ng/ul m
RT: 19.72 min Scan# 3255
Delta R.T. 0.01 min
Lab File: BE097837.D
Acq: 10 Oct 2018 20:53

Tgt Ion:202 Resp: 6052

Ion	Ratio	Lower	Upper
202	100		
101	15.8	8.8	13.2#
100	21.1	7.9	11.9#

Instrument :
BNA_E
ClientSampleId :
JLC39

Manual Integrations APPROVED
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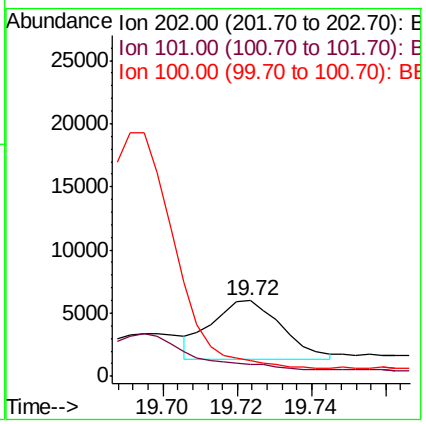
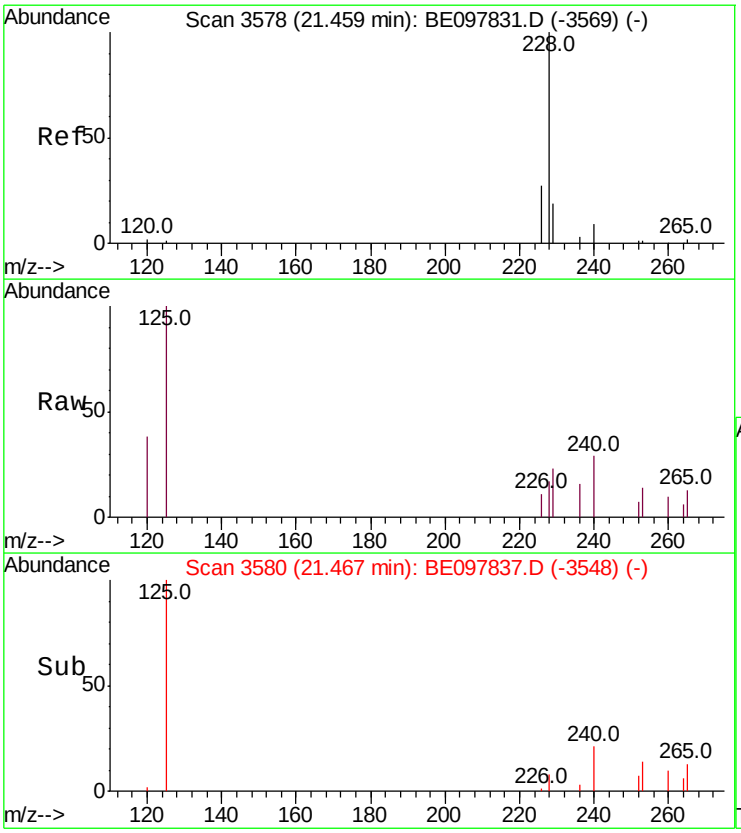
10/11/2018 5:33:40 PM

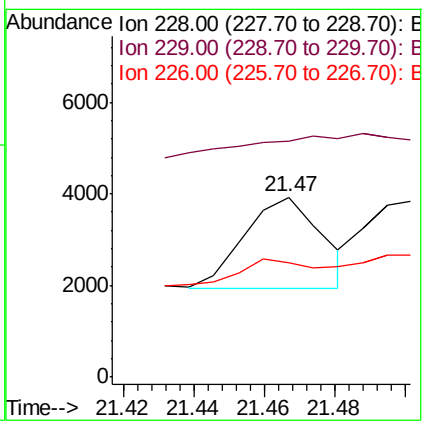


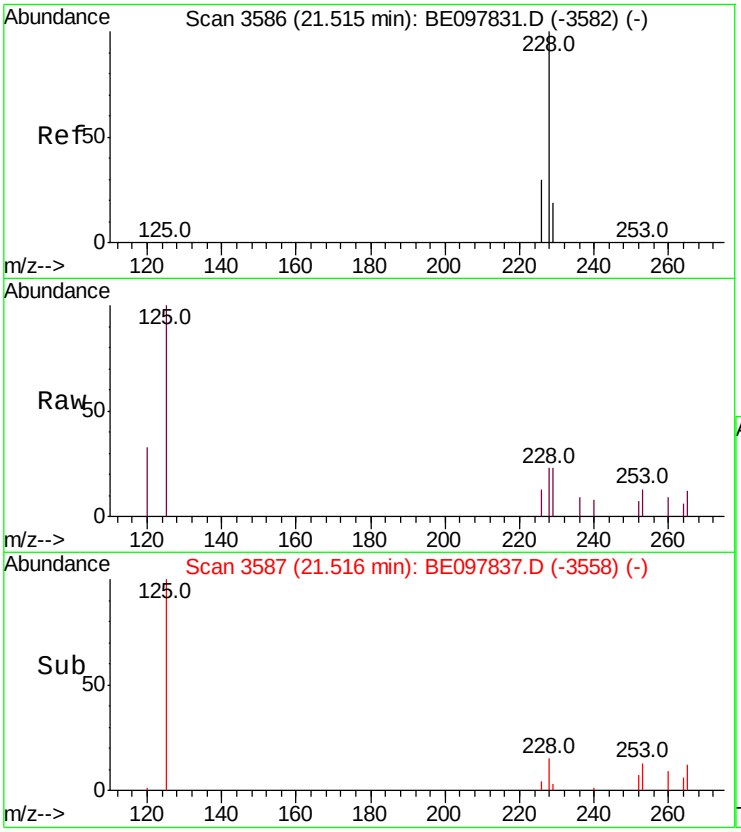


#18
Benzo(a)anthracene
Concen: 0.033 ng/ul m
RT: 21.47 min Scan# 3580
Delta R.T. 0.01 min
Lab File: BE097837.D
Acq: 10 Oct 2018 20:53

Tgt Ion:228 Resp: 3006

Ion	Ratio	Lower	Upper
228	100		
229	131.3	16.4	24.6#
226	63.6	21.5	32.3#





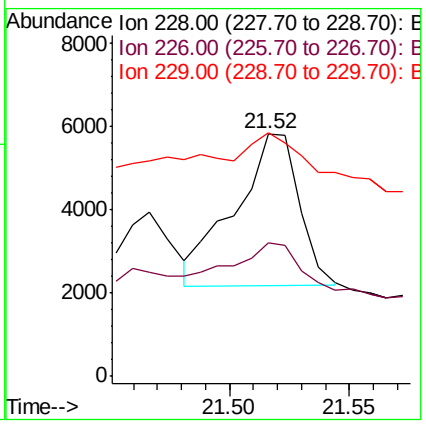
#19
Chrysene
Concen: 0.077 ng/ul m
RT: 21.52 min Scan# 3587
Delta R.T. 0.00 min
Lab File: BE097837.D
Acq: 10 Oct 2018 20:53

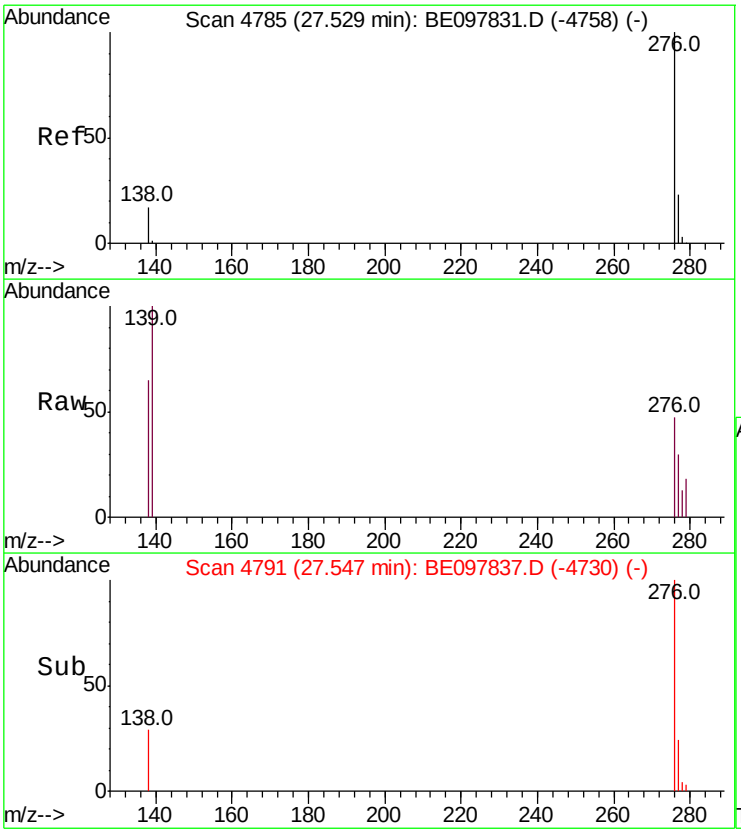
Tgt Ion:228 Resp: 6797

Ion	Ratio	Lower	Upper
228	100		
226	55.2	23.0	34.4#
229	100.2	15.5	23.3#

Instrument :
BNA_E
ClientSampleId :
JLC39

Manual Integrations APPROVED
Sohil
10/11/2018 5:33:40 PM





#26
Benzo(g,h,i)perylene
Concen: 0.108 ng/ul m
RT: 27.55 min Scan# 4791
Delta R.T. 0.02 min
Lab File: BE097837.D
Acq: 10 Oct 2018 20:53

Tgt Ion:276 Resp: 8078

Ion	Ratio	Lower	Upper
276	100		
138	139.4	14.3	21.5#
277	64.1	19.5	29.3#