Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042418\
Data File : BE096138.D
Acq On : 25 Apr 2018 2:19
Operator : SJ/JU
Sample : J2467-11MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 25 05:30:06 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 05:27:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	844	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3252	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1927	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5638	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	7829	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	6061	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	2061	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	8336	0.32	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	15.01	153	2344	0.327	ng/ul	93
11) Pentachlorophenol	17.31	266	452	0.333	ng/ul	97
12) Phenanthrene	17.70	178	619	0.037	ng/ul#	84
15) Fluoranthene	19.67	202	805	0.032	ng/ul	87
17) Pyrene	20.02	202	4866	0.310	ng/ul#	79
21) Benzo(b)fluoranthene	23.54	252	584	0.025	ng/ul#	33

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

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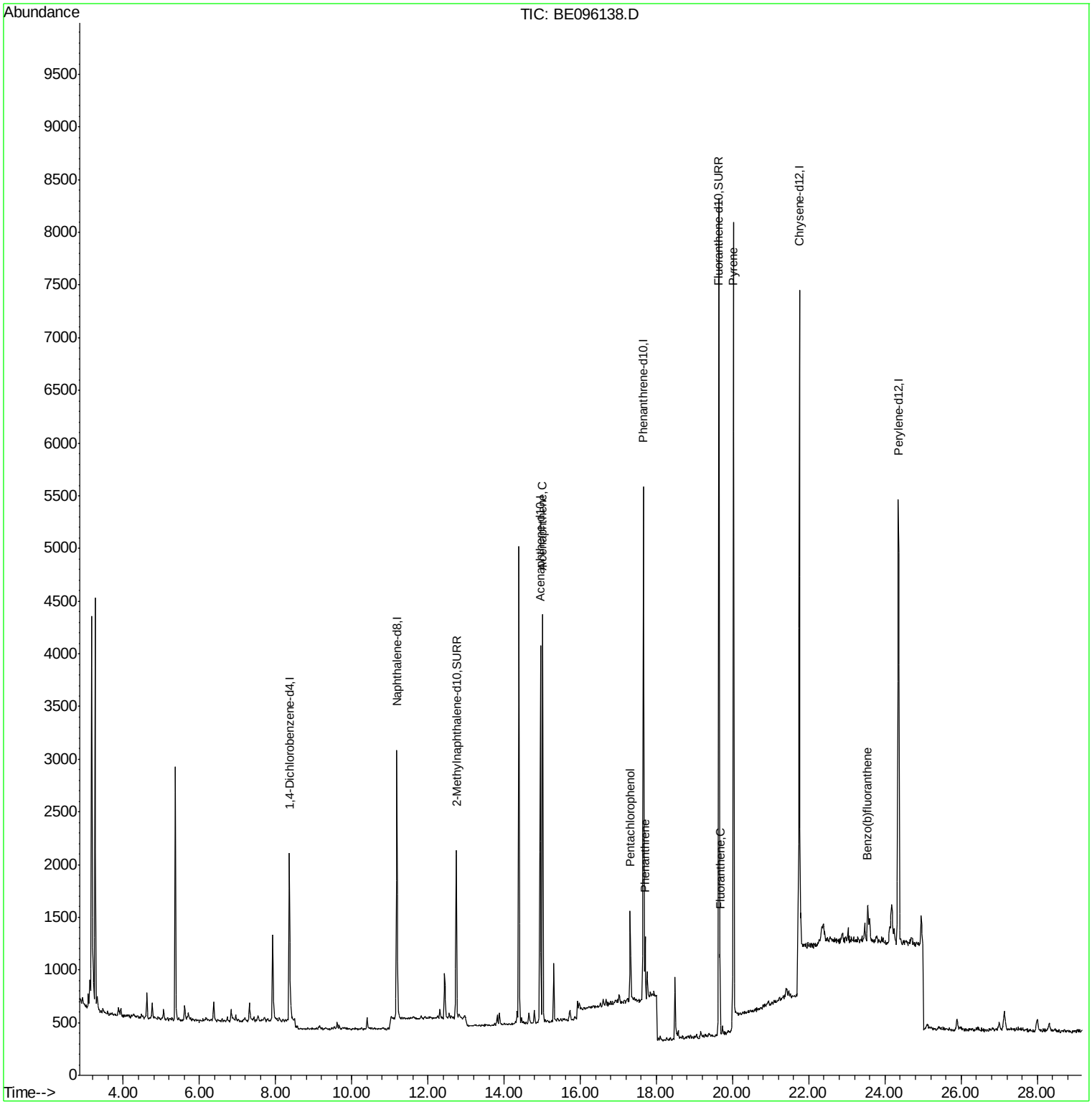
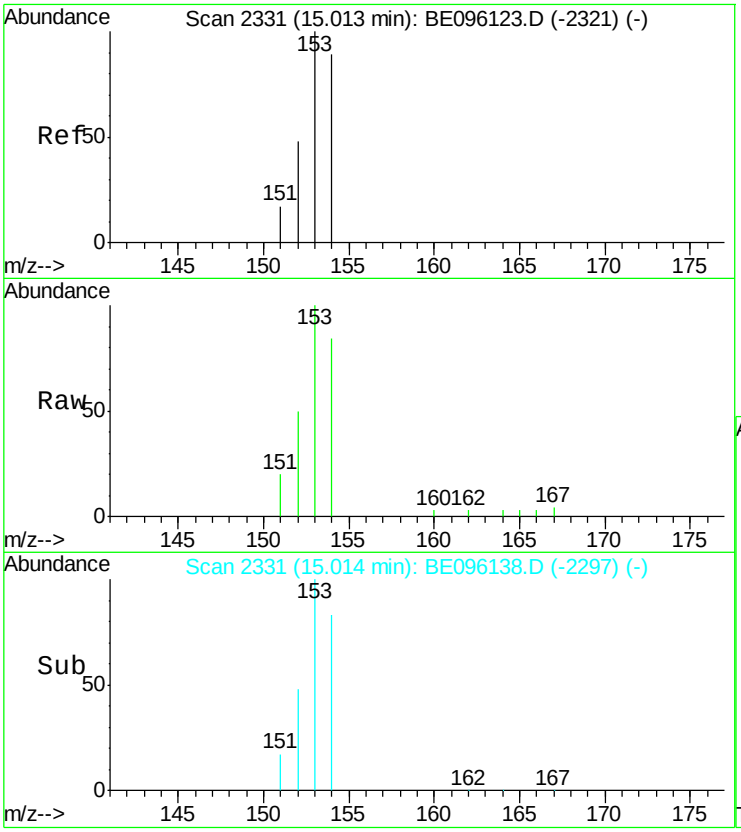
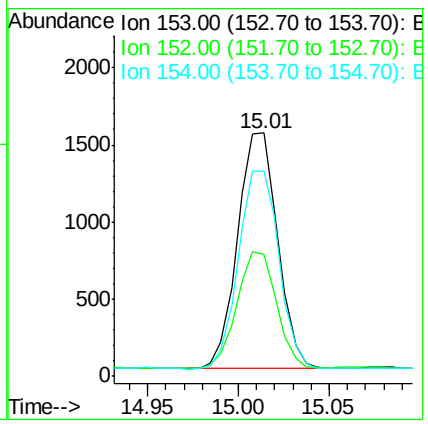


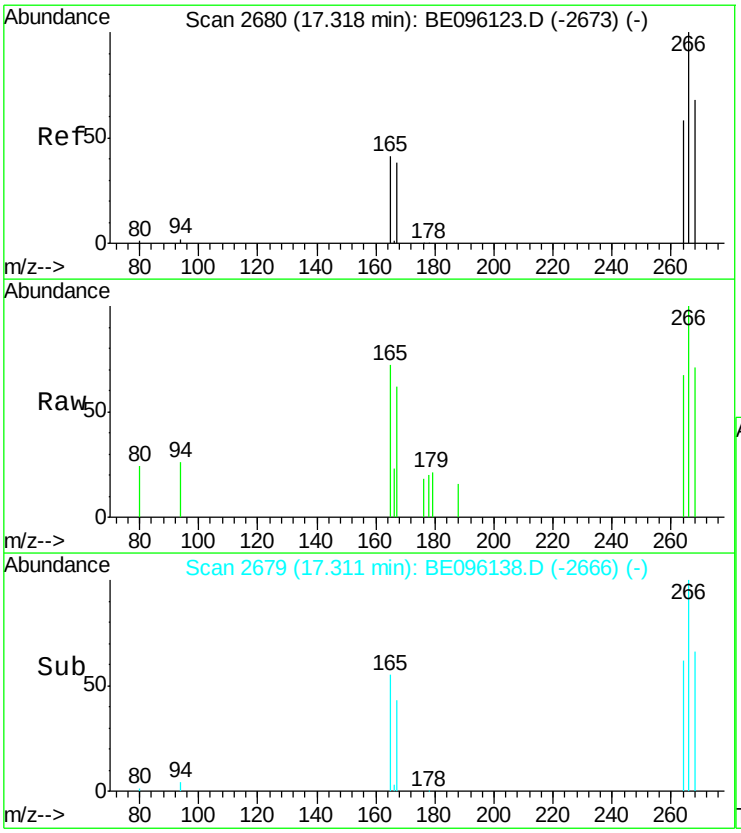


#8
Acenaphthene
Concen: 0.327 ng/ul
RT: 15.01 min Scan# 2331
Delta R.T. 0.00 min
Lab File: BE096138.D
Acq: 25 Apr 2018 2:19

Tgt Ion:153 Resp: 2344

Ion	Ratio	Lower	Upper
153	100		
152	49.9	36.0	54.0
154	84.0	72.0	108.0

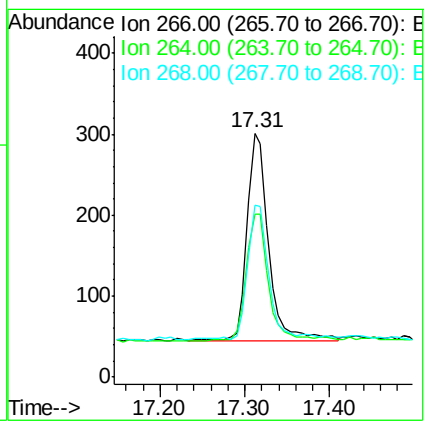


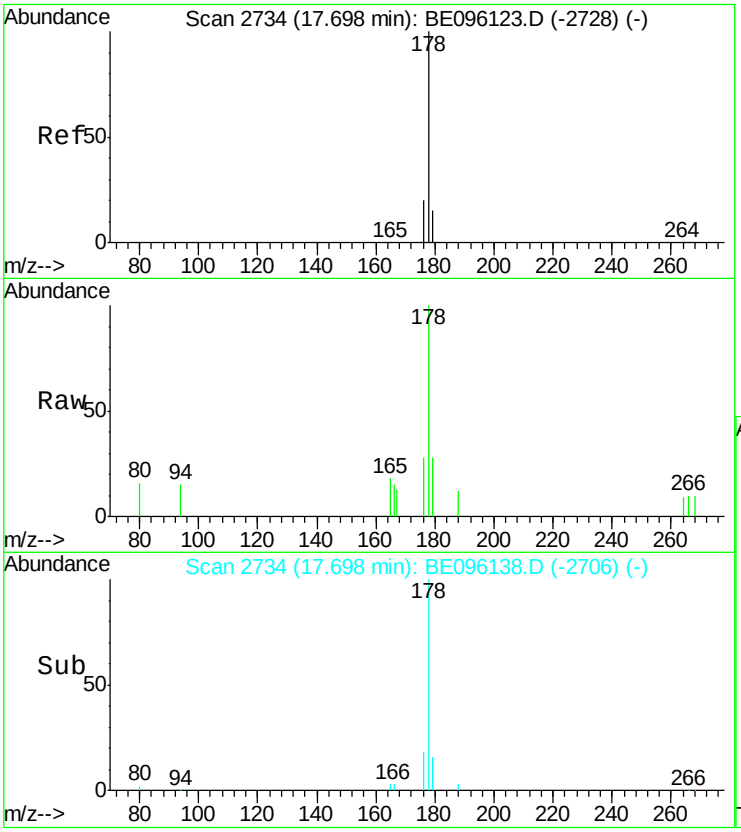


#11
Pentachlorophenol
Concen: 0.333 ng/ul
RT: 17.31 min Scan# 2679
Delta R.T. -0.01 min
Lab File: BE096138.D
Acq: 25 Apr 2018 2:19

Tgt Ion:266 Resp: 452

Ion	Ratio	Lower	Upper
266	100		
264	63.7	47.9	71.9
268	61.9	49.8	74.8

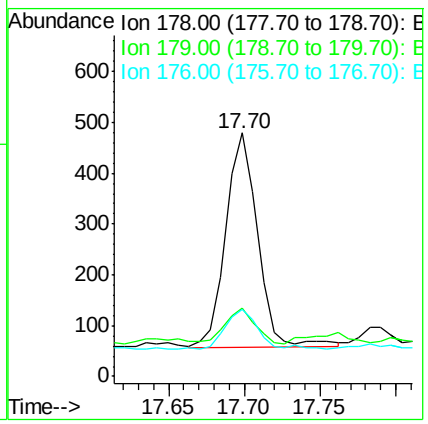


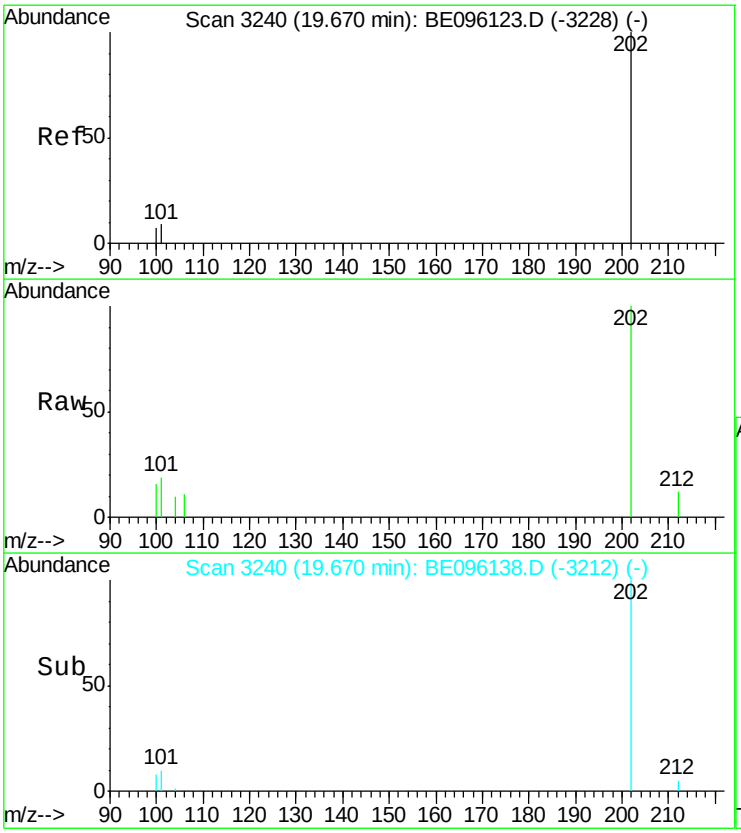


#12
Phenanthrene
Concen: 0.037 ng/ul
RT: 17.70 min Scan# 2734
Delta R.T. 0.00 min
Lab File: BE096138.D
Acq: 25 Apr 2018 2:19

Tgt Ion:178 Resp: 619

Ion	Ratio	Lower	Upper
178	100		
179	28.0	18.4	27.6#
176	27.8	13.6	20.4#

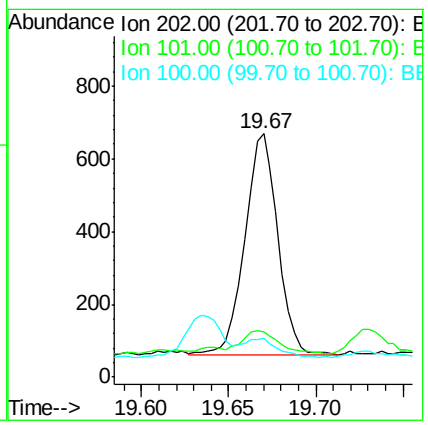


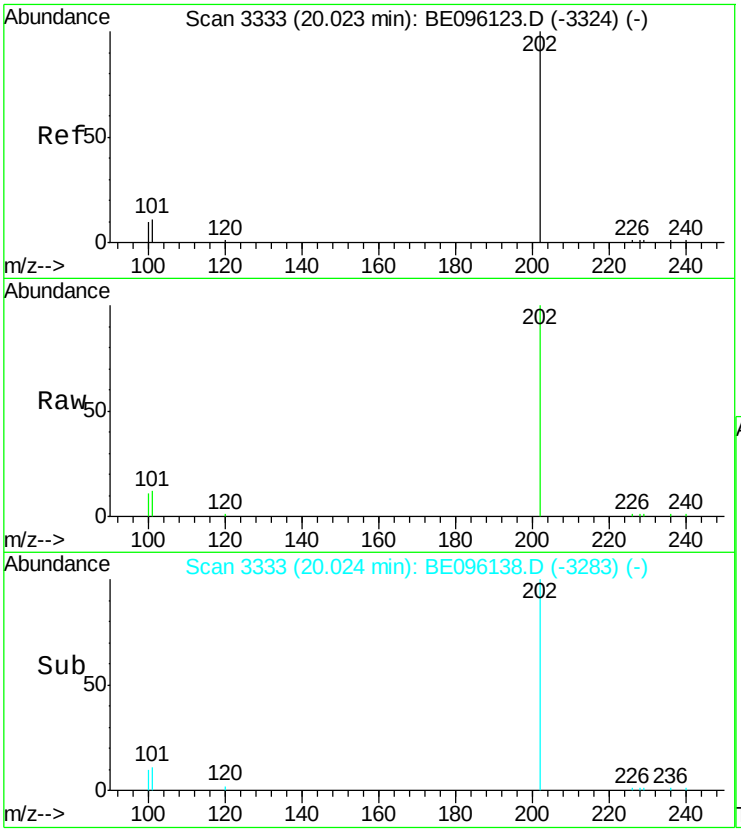


#15
Fluoranthene
Concen: 0.032 ng/ul
RT: 19.67 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BE096138.D
Acq: 25 Apr 2018 2:19

Tgt Ion:202 Resp: 805

Ion	Ratio	Lower	Upper
202	100		
101	18.5	0.0	30.3
100	15.8	0.0	39.5

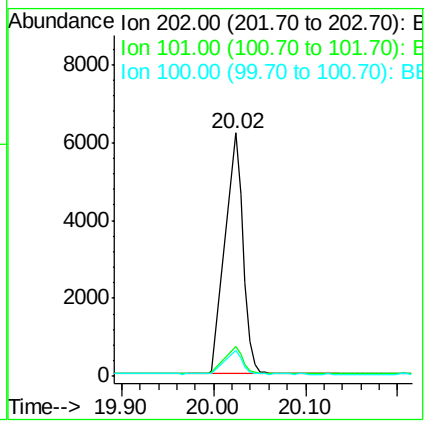


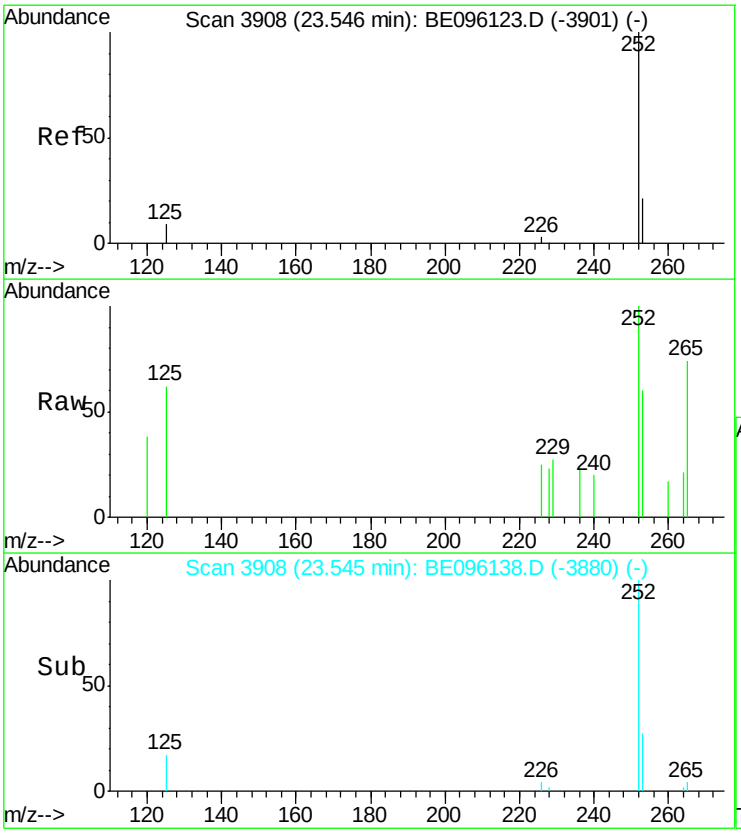


#17
Pyrene
Concen: 0.310 ng/ul
RT: 20.02 min Scan# 3333
Delta R.T. 0.00 min
Lab File: BE096138.D
Acq: 25 Apr 2018 2:19

Tgt Ion:202 Resp: 4866

Ion	Ratio	Lower	Upper
202	100		
101	12.3	18.2	27.4#
100	10.8	15.6	23.4#





#21
Benzo(b)fluoranthene
Concen: 0.025 ng/ul
RT: 23.54 min Scan# 3908
Delta R.T. -0.00 min
Lab File: BE096138.D
Acq: 25 Apr 2018 2:19

Tgt Ion:252 Resp: 584

Ion	Ratio	Lower	Upper
252	100		
253	59.6	0.0	64.2
125	61.7	0.0	35.0#