Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\
Data File : BE096160.D
Acq On : 25 Apr 2018 22:30
Operator : SJ/JU
Sample : J2355-05DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Apr 26 05:08:38 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 26 05:06:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	810	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3246	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2024	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5543	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	6545	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	5747	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	343	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	1189	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.23	128	250	0.028	ng/ul#	41
7) Acenaphthylene	14.68	152	385	0.037	ng/ul#	76
12) Phenanthrene	17.70	178	4130	0.253	ng/ul#	88
13) Anthracene	17.79	178	1082	0.066	ng/ul#	94
15) Fluoranthene	19.67	202	11043	0.443	ng/ul	84
17) Pyrene	20.02	202	6077	0.463	ng/ul#	79
18) Benzo(a)anthracene	21.73	228	4749	0.240	ng/ul#	87
19) Chrysene	21.79	228	4958	0.272	ng/ul	92
21) Benzo(b)fluoranthene	23.55	252	8716	0.401	ng/ul	94
22) Benzo(k)fluoranthene	23.55	252	8709	0.419	ng/ul	96
23) Benzo(a)pyrene	24.23	252	4838	0.256	ng/ul	90
24) Indeno(1,2,3-cd)pyrene	27.13	276	3171	0.124	ng/ul#	77
25) Dibenzo(a,h)anthracene	27.13	278	905	0.042	ng/ul#	66
26) Benzo(g,h,i)perylene	27.99	276	2435	0.110	ng/ul	93

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 20 Sample Multiplier: 1

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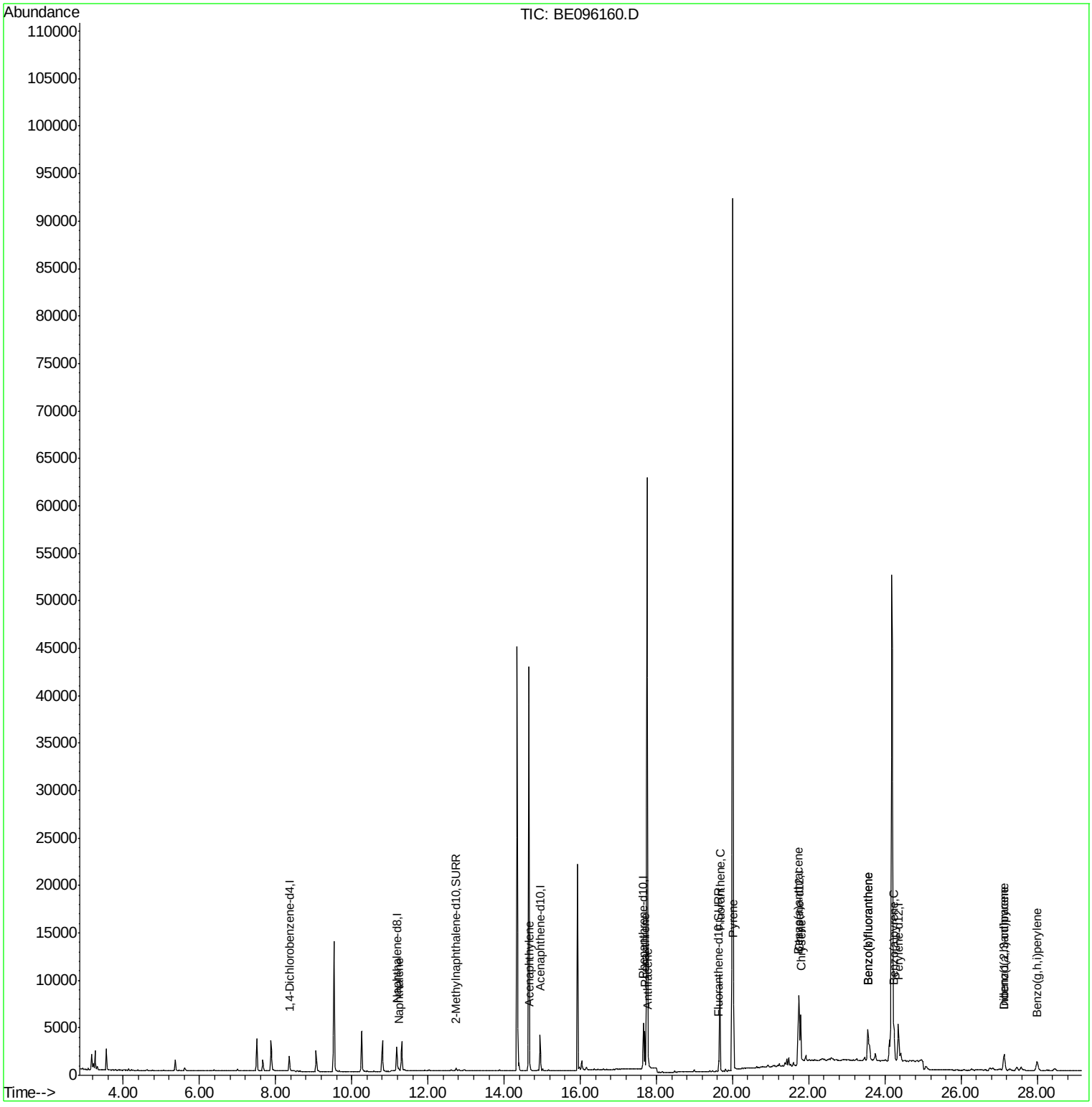
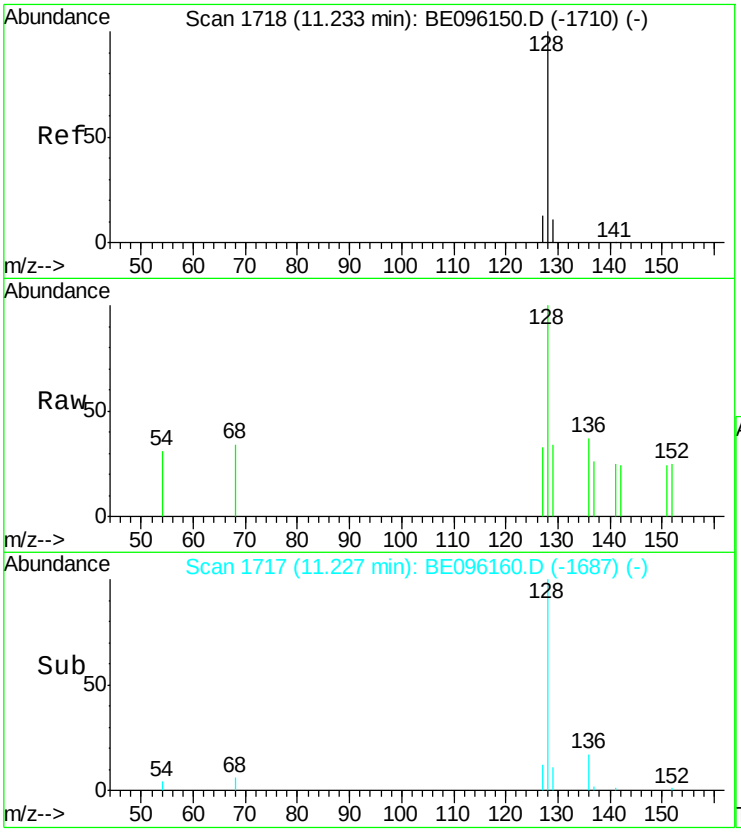


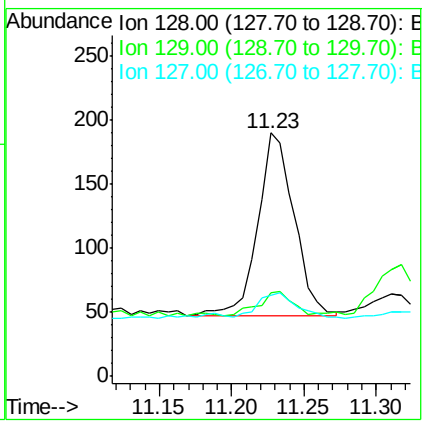


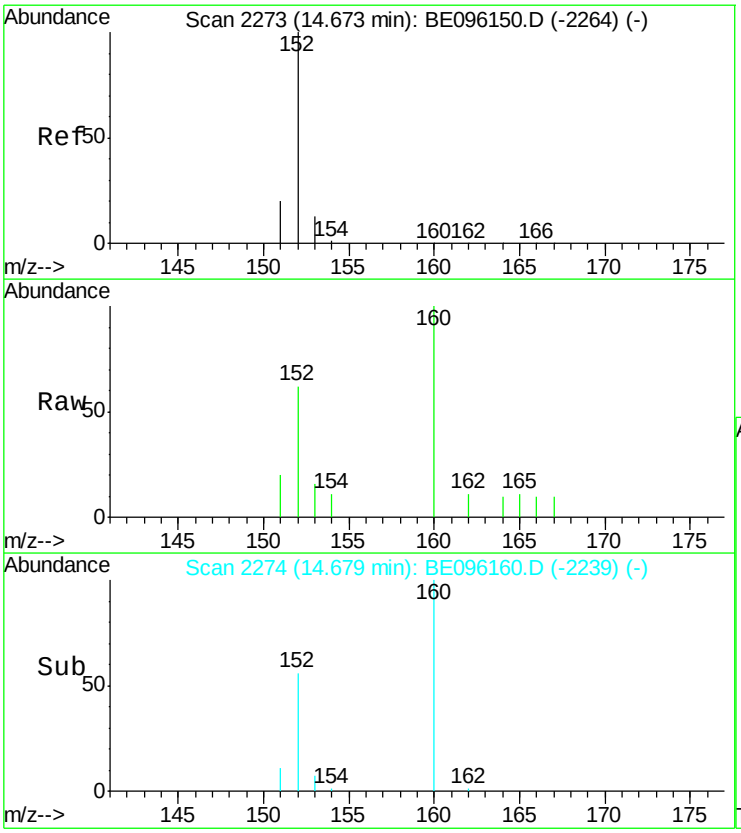
#3
Naphthalene
Concen: 0.028 ng/ul
RT: 11.23 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BE096160.D
Acq: 25 Apr 2018 22:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 250

Ion	Ratio	Lower	Upper
128	100		
129	34.2	11.3	16.9#
127	33.2	4.0	6.0#

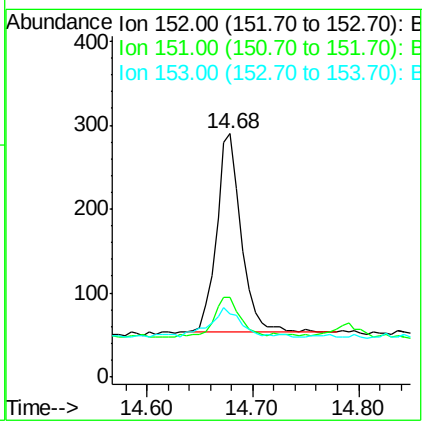


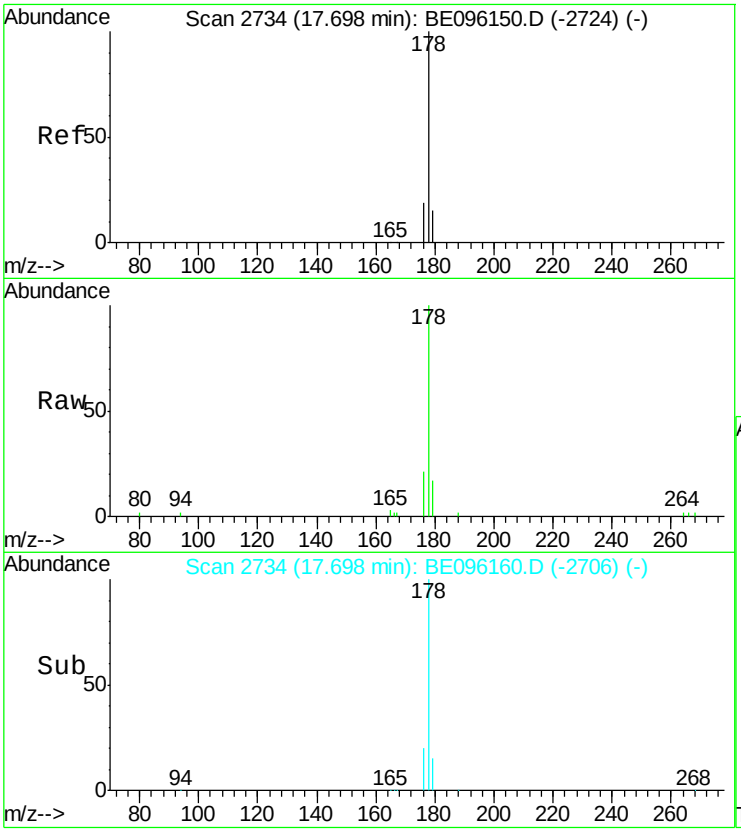


#7
Acenaphthylene
Concen: 0.037 ng/ul
RT: 14.68 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BE096160.D
Acq: 25 Apr 2018 22:30

Tgt Ion:152 Resp: 385

Ion	Ratio	Lower	Upper
152	100		
151	32.8	17.1	25.7#
153	25.9	12.8	19.2#



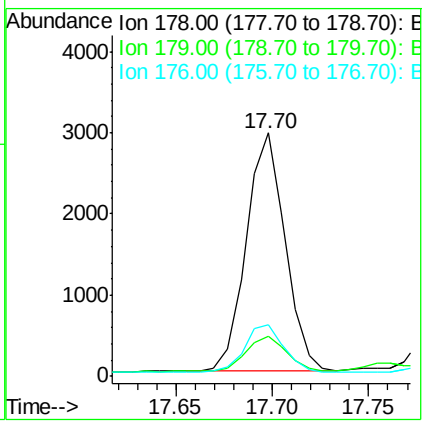


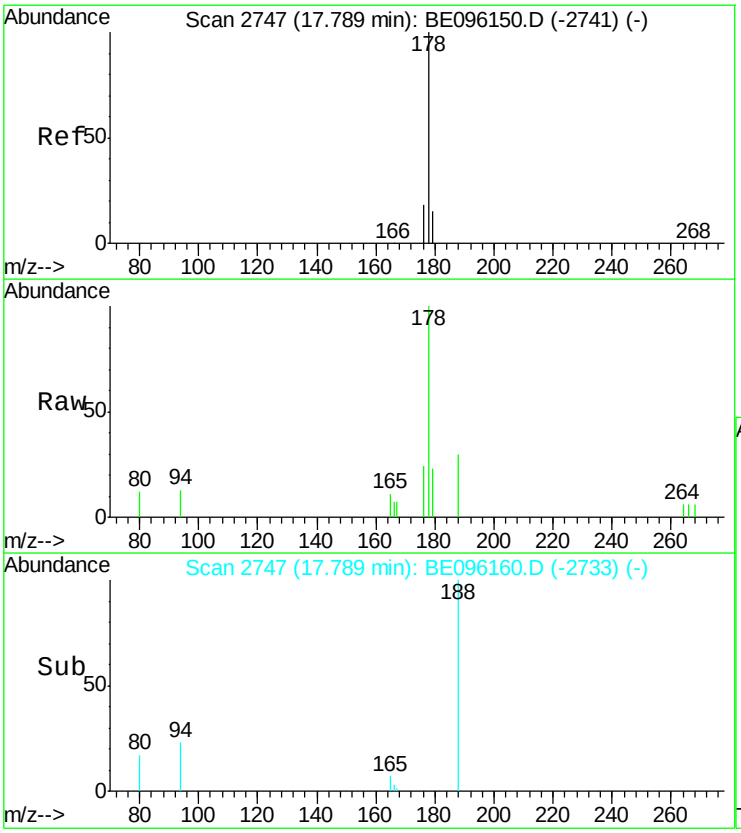
#12
Phenanthrene
Concen: 0.253 ng/ul
RT: 17.70 min Scan# 2734
Delta R.T. -0.00 min
Lab File: BE096160.D
Acq: 25 Apr 2018 22:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 4130

Ion	Ratio	Lower	Upper
178	100		
179	16.6	18.4	27.6#
176	21.3	13.6	20.4#

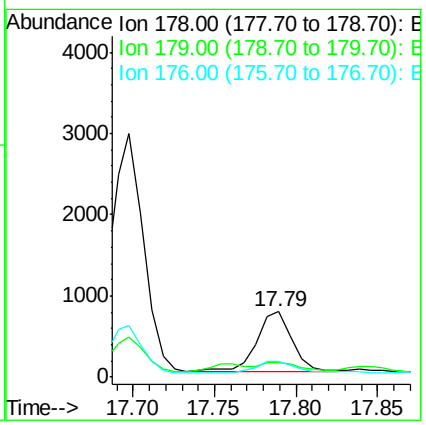


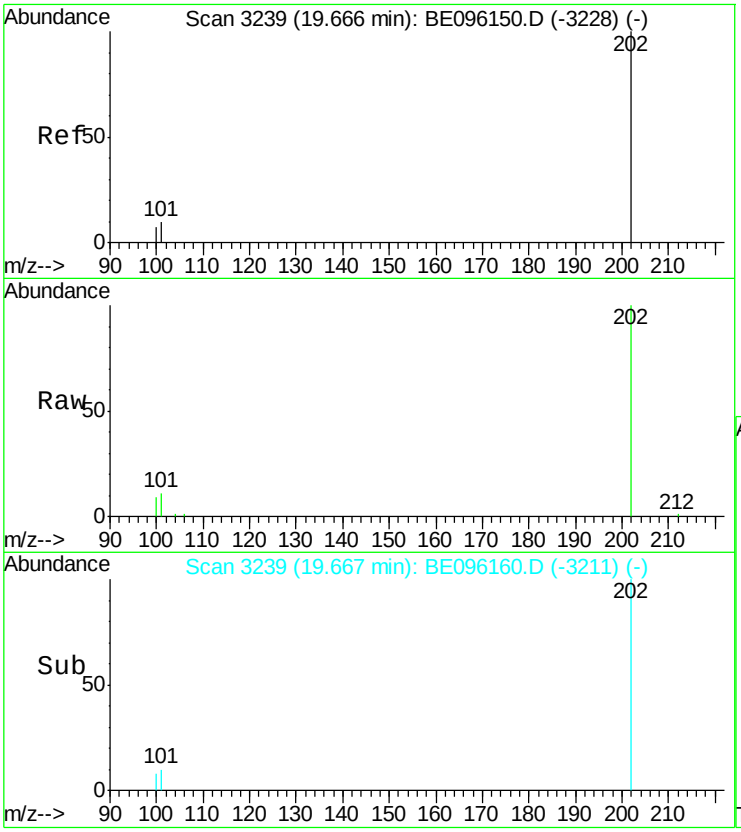


#13
Anthracene
Concen: 0.066 ng/ul
RT: 17.79 min Scan# 2747
Delta R.T. -0.00 min
Lab File: BE096160.D
Acq: 25 Apr 2018 22:30

Tgt Ion:178 Resp: 1082

Ion	Ratio	Lower	Upper
178	100		
179	23.2	18.1	27.1
176	23.8	14.7	22.1#



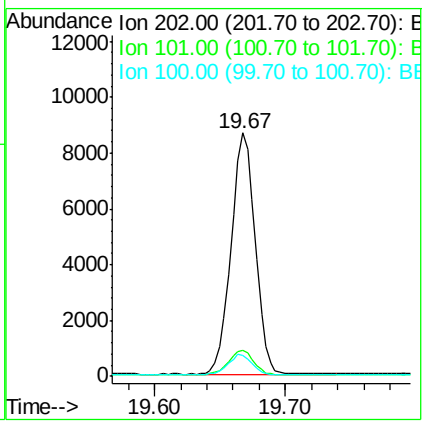


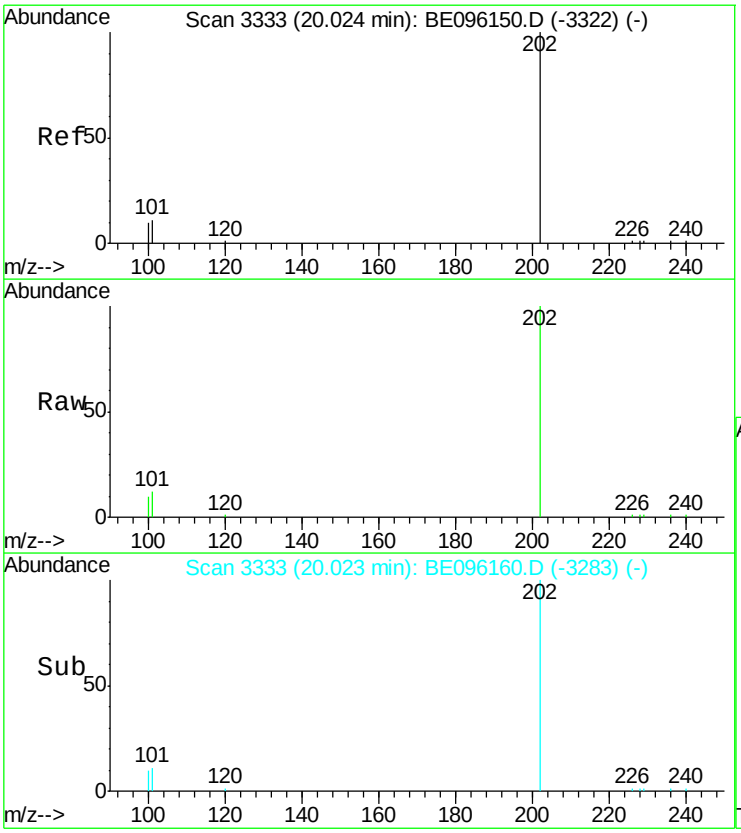
#15
Fluoranthene
Concen: 0.443 ng/ul
RT: 19.67 min Scan# 3239
Delta R.T. 0.00 min
Lab File: BE096160.D
Acq: 25 Apr 2018 22:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 11043

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.3
100	8.6	0.0	39.5

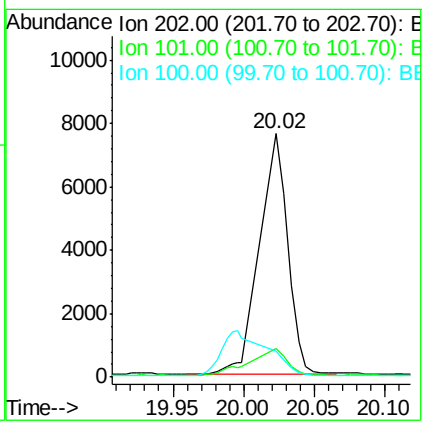


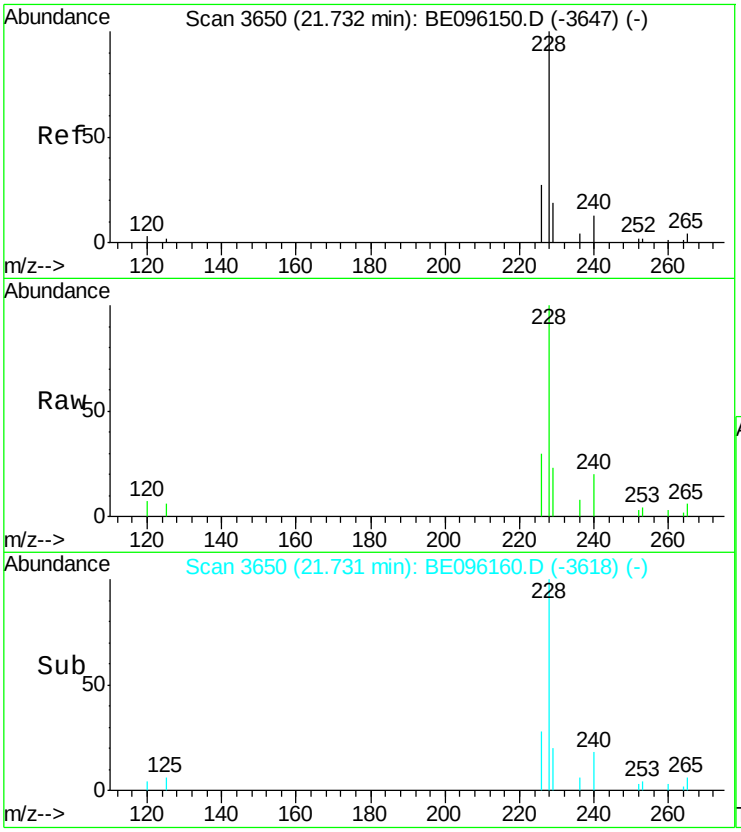


#17
Pyrene
Concen: 0.463 ng/ul
RT: 20.02 min Scan# 3333
Delta R.T. -0.00 min
Lab File: BE096160.D
Acq: 25 Apr 2018 22:30

Tgt Ion:202 Resp: 6077

Ion	Ratio	Lower	Upper
202	100		
101	11.9	18.2	27.4#
100	10.4	15.6	23.4#



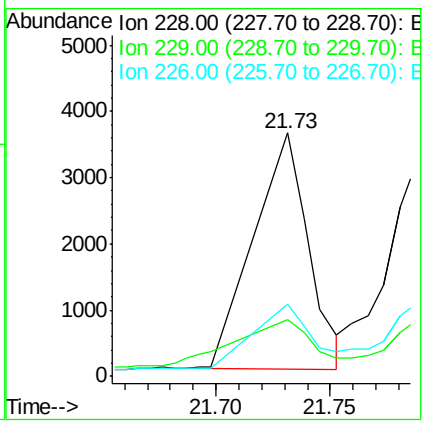


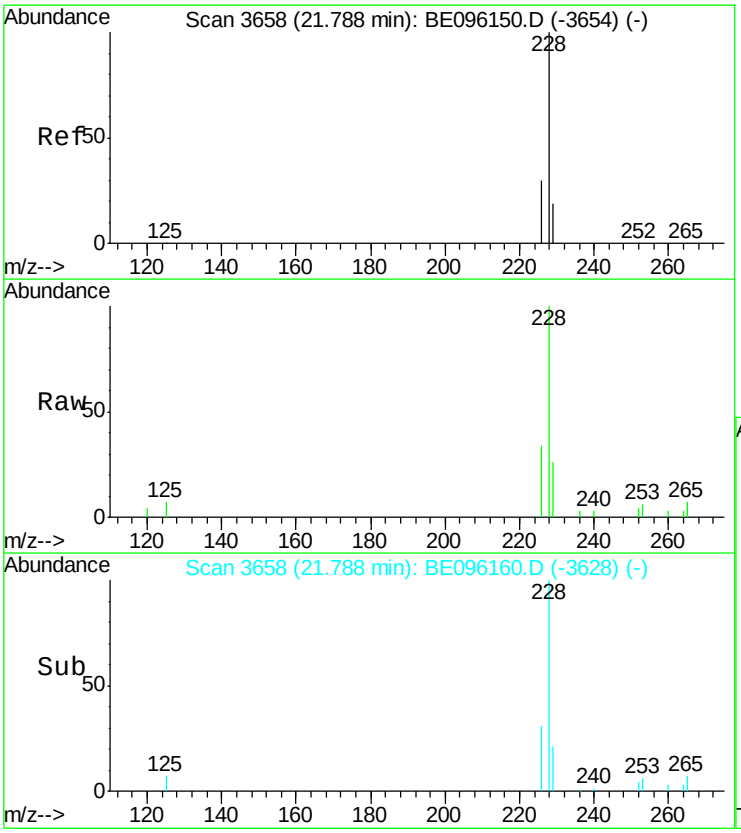
#18
Benzo(a)anthracene
Concen: 0.240 ng/ul
RT: 21.73 min Scan# 3650
Delta R.T. -0.00 min
Lab File: BE096160.D
Acq: 25 Apr 2018 22:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 4749

Ion	Ratio	Lower	Upper
228	100		
229	23.4	22.8	34.2
226	29.9	17.0	25.6#

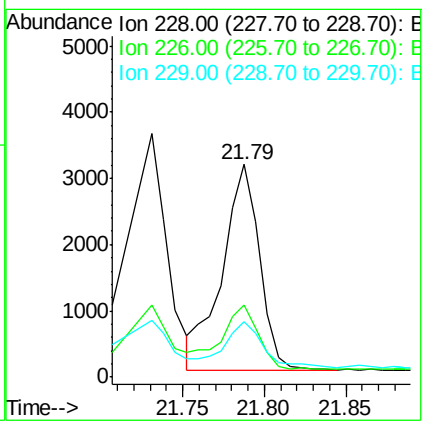


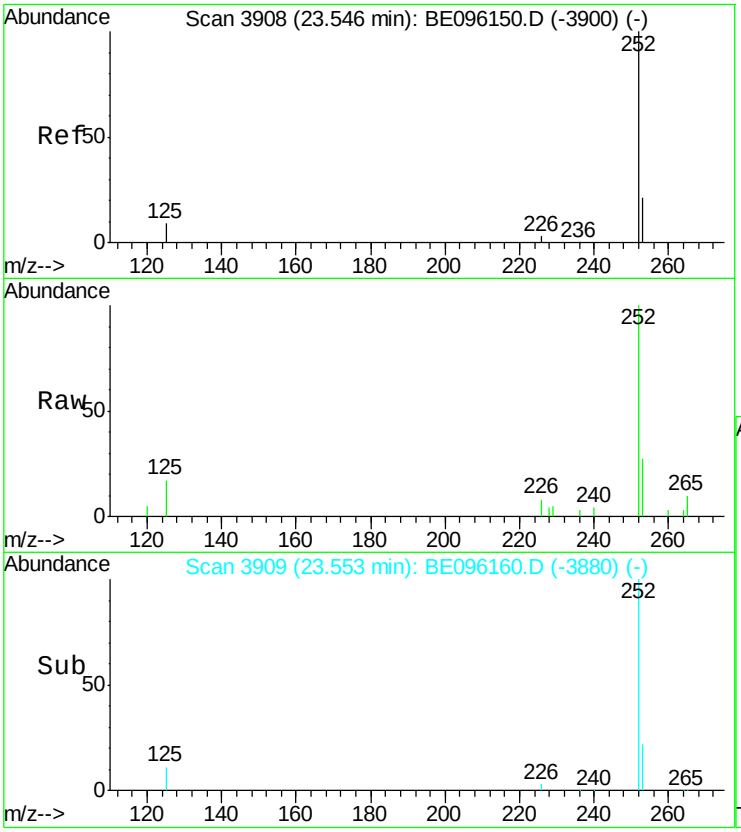


#19
Chrysene
Concen: 0.272 ng/ul
RT: 21.79 min Scan# 3658
Delta R.T. -0.00 min
Lab File: BE096160.D
Acq: 25 Apr 2018 22:30

Tgt Ion:228 Resp: 4958

Ion	Ratio	Lower	Upper
228	100		
226	33.7	23.4	35.0
229	26.2	17.7	26.5



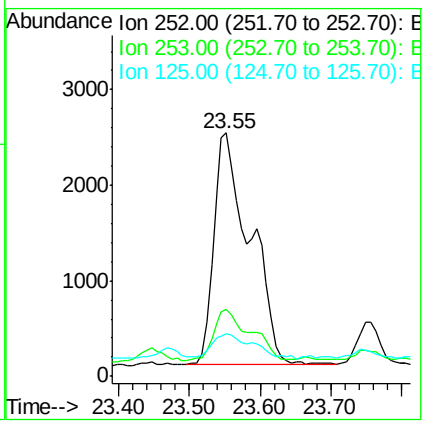


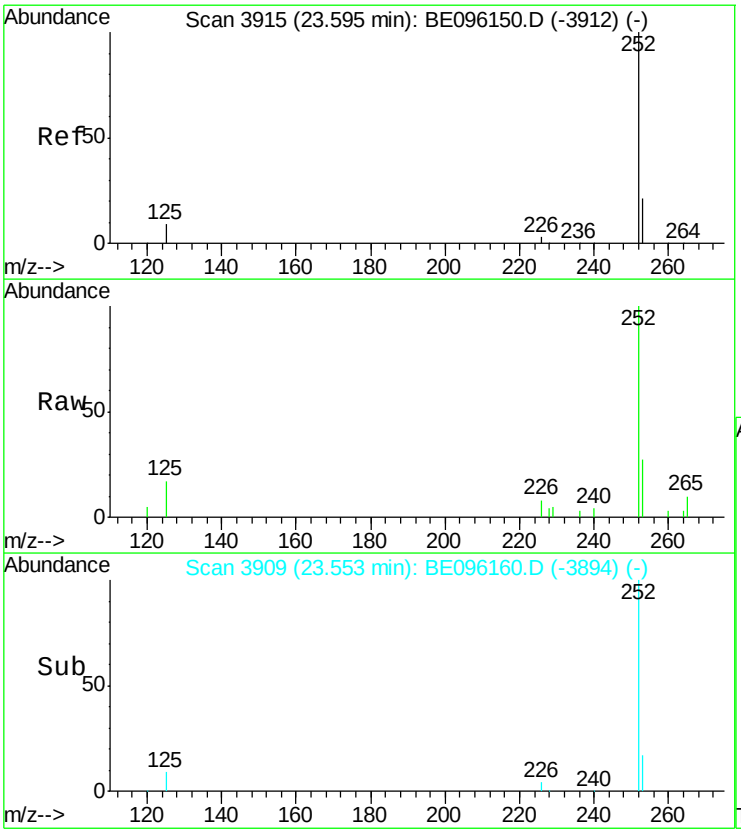
#21
Benzo(b)fluoranthene
Concen: 0.401 ng/ul
RT: 23.55 min Scan# 3909
Delta R.T. 0.01 min
Lab File: BE096160.D
Acq: 25 Apr 2018 22:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8716

Ion	Ratio	Lower	Upper
252	100		
253	27.4	0.0	64.2
125	17.3	0.0	35.0

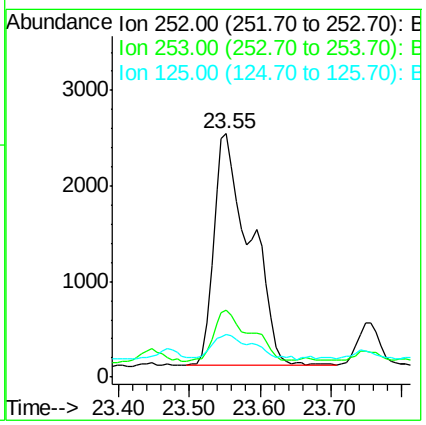


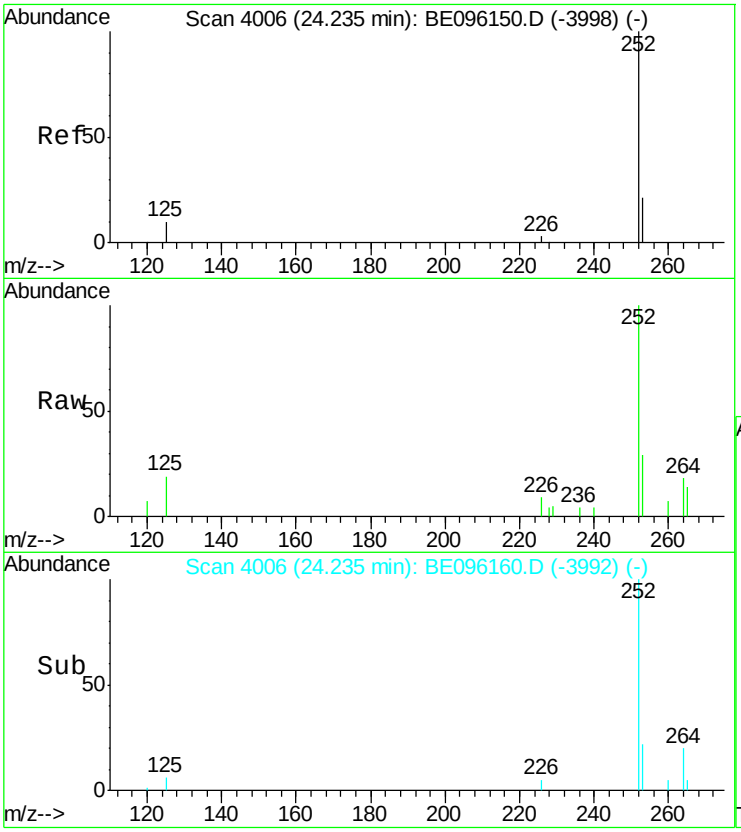


#22
Benzo(k)fluoranthene
Concen: 0.419 ng/ul
RT: 23.55 min Scan# 3909
Delta R.T. -0.04 min
Lab File: BE096160.D
Acq: 25 Apr 2018 22:30

Tgt Ion:252 Resp: 8709

Ion	Ratio	Lower	Upper
252	100		
253	27.4	24.5	36.7
125	17.3	13.7	20.5



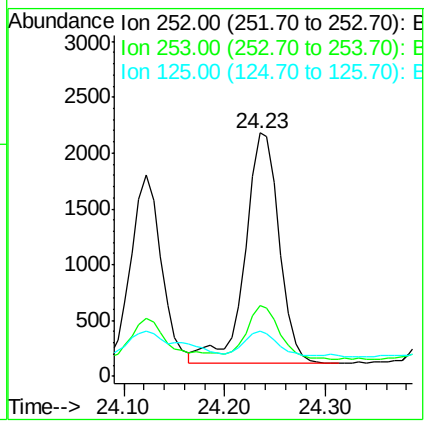


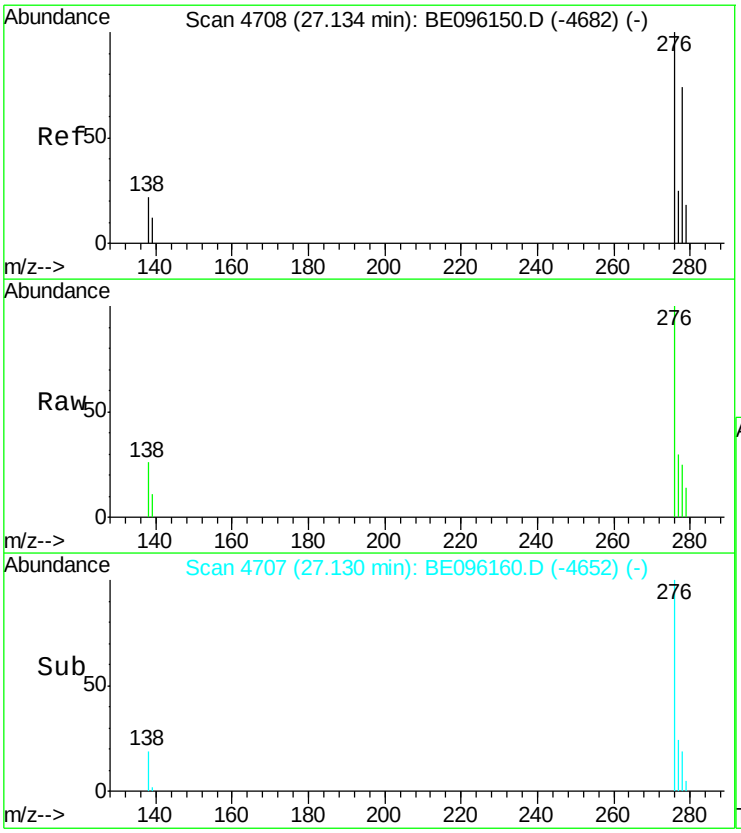
#23
Benzo(a)pyrene
Concen: 0.256 ng/ul
RT: 24.23 min Scan# 4006
Delta R.T. -0.00 min
Lab File: BE096160.D
Acq: 25 Apr 2018 22:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4838

Ion	Ratio	Lower	Upper
252	100		
253	29.0	28.5	42.7
125	18.7	18.1	27.1

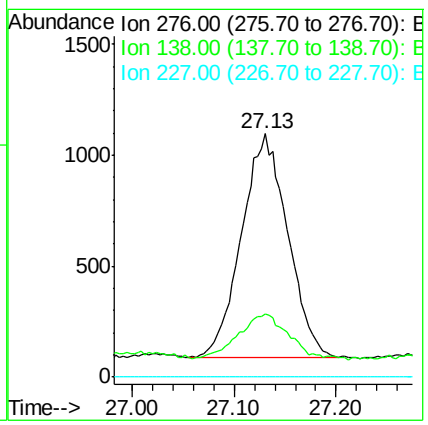


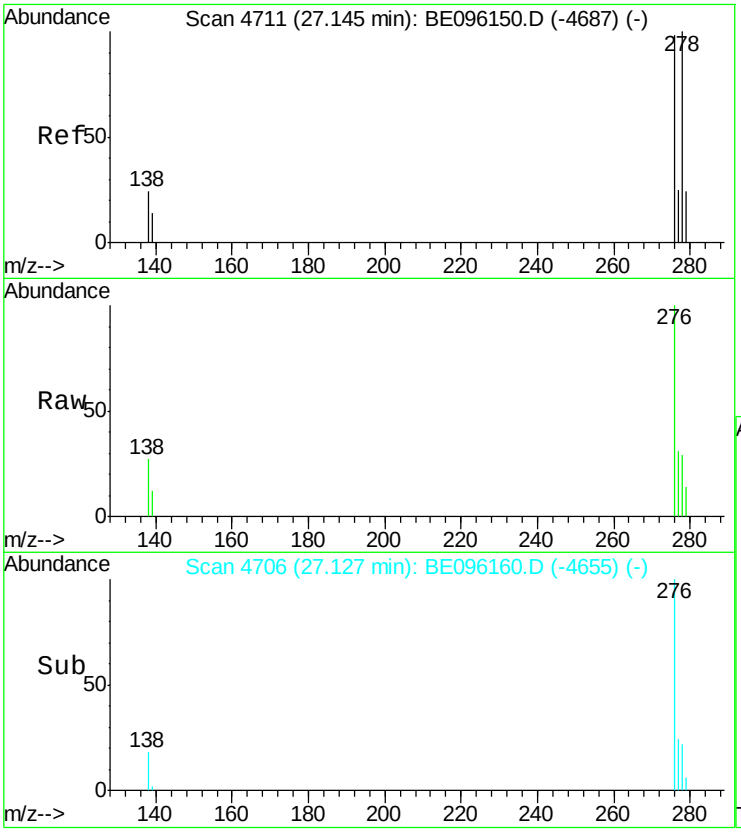


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.124 ng/ul
RT: 27.13 min Scan# 4707
Delta R.T. -0.00 min
Lab File: BE096160.D
Acq: 25 Apr 2018 22:30

Tgt Ion:276 Resp: 3171

Ion	Ratio	Lower	Upper
276	100		
138	22.6	28.0	42.0#
227	0.0	8.0	12.0#



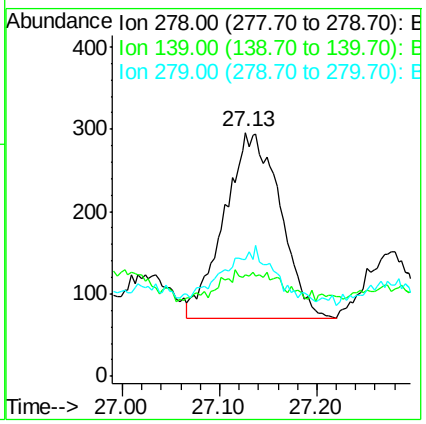


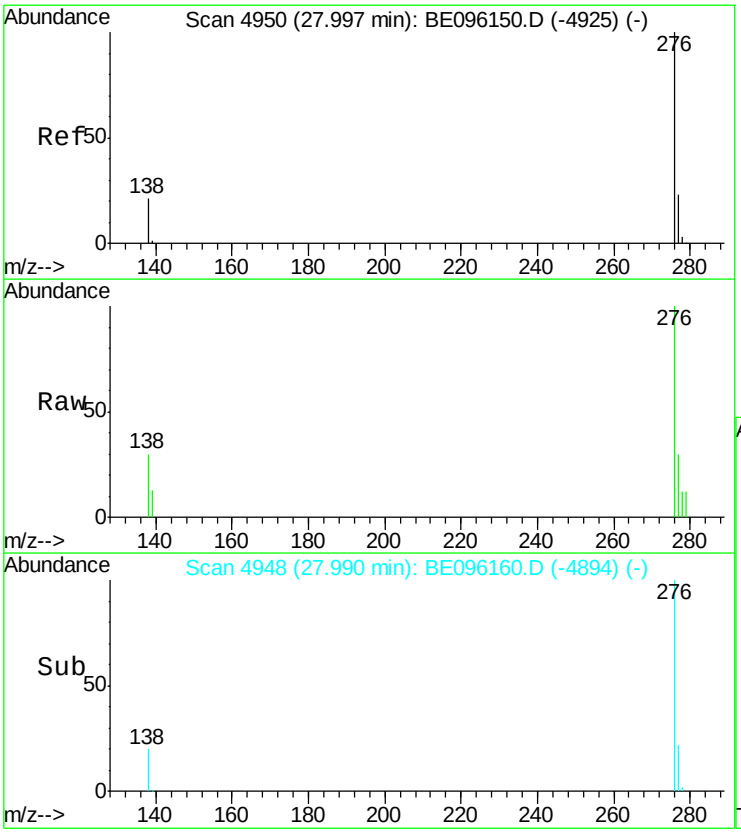
#25
Dibenzo(a,h)anthracene
Concen: 0.042 ng/ul
RT: 27.13 min Scan# 4706
Delta R.T. -0.02 min
Lab File: BE096160.D
Acq: 25 Apr 2018 22:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 905

Ion	Ratio	Lower	Upper
278	100		
139	41.9	17.4	26.0#
279	48.0	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.110 ng/ul
RT: 27.99 min Scan# 4948
Delta R.T. -0.01 min
Lab File: BE096160.D
Acq: 25 Apr 2018 22:30

Tgt Ion:276 Resp: 2435

Ion	Ratio	Lower	Upper
276	100		
138	29.5	21.8	32.8
277	30.2	20.5	30.7