Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE041618\
Data File : BE096005.D
Acq On : 16 Apr 2018 12:24
Operator : SJ/JU
Sample : J2313-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F1A30MSD

Quant Time: Apr 30 01:31:49 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 03:47:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1927	0.40	ng/ul	0.00
2) Naphthalene-d8	11.21	136	5154	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	2844	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	6588	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	6807	0.40	ng/ul	0.00
20) Perylene-d12	24.39	264	6614	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	3333	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	9341	0.34	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.26	128	332	0.023	ng/ul#	31
8) Acenaphthene	15.03	153	3973	0.376	ng/ul	93
9) Fluorene	16.00	166	486	0.041	ng/ul#	80
11) Pentachlorophenol	17.33	266	744	0.534	ng/ul	95
12) Phenanthrene	17.72	178	815	0.042	ng/ul#	45
13) Anthracene	17.81	178	514	0.027	ng/ul#	39
15) Fluoranthene	19.69	202	2687	0.102	ng/ul	84
17) Pyrene	20.05	202	11961	0.517	ng/ul#	81

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

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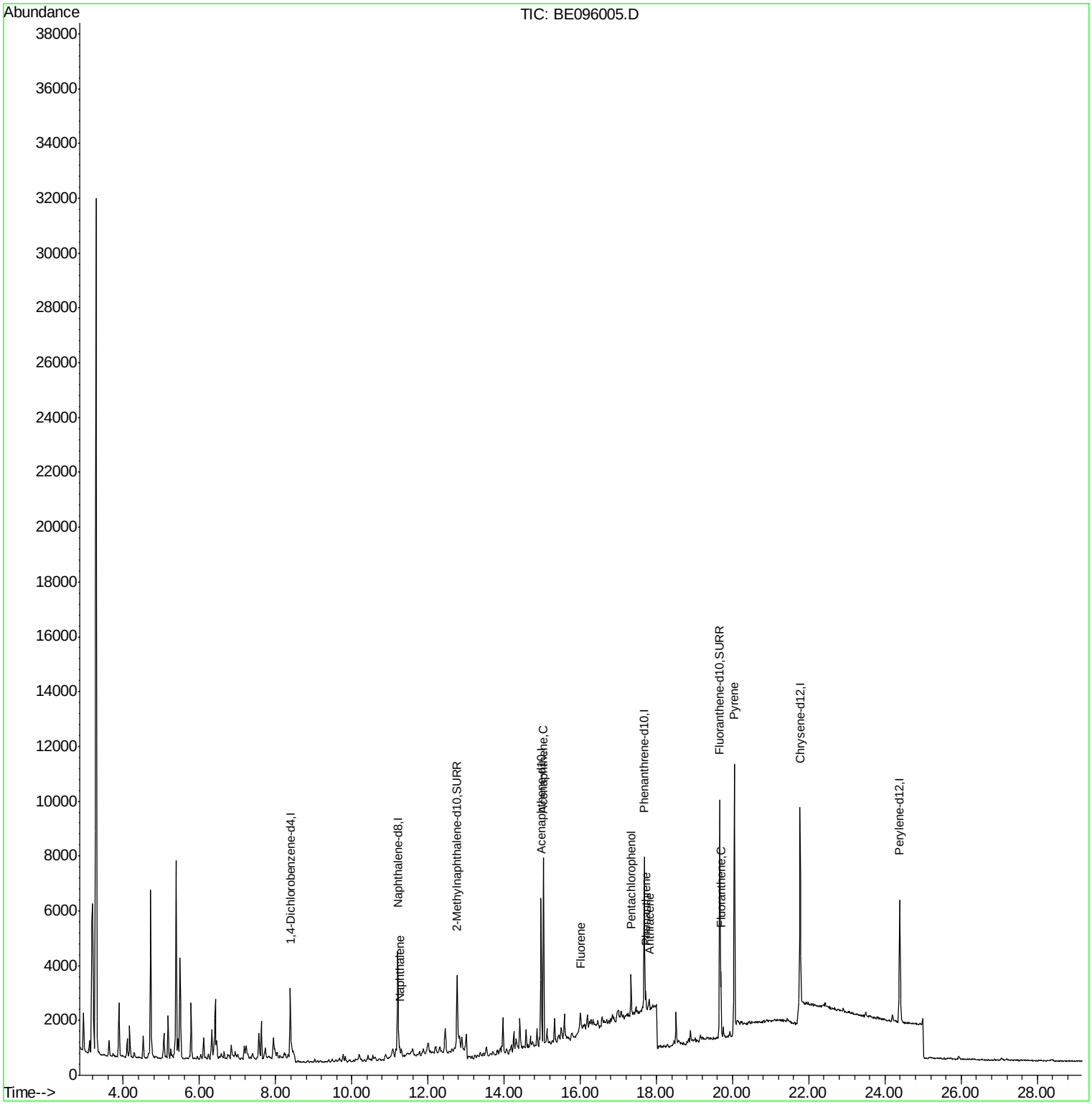
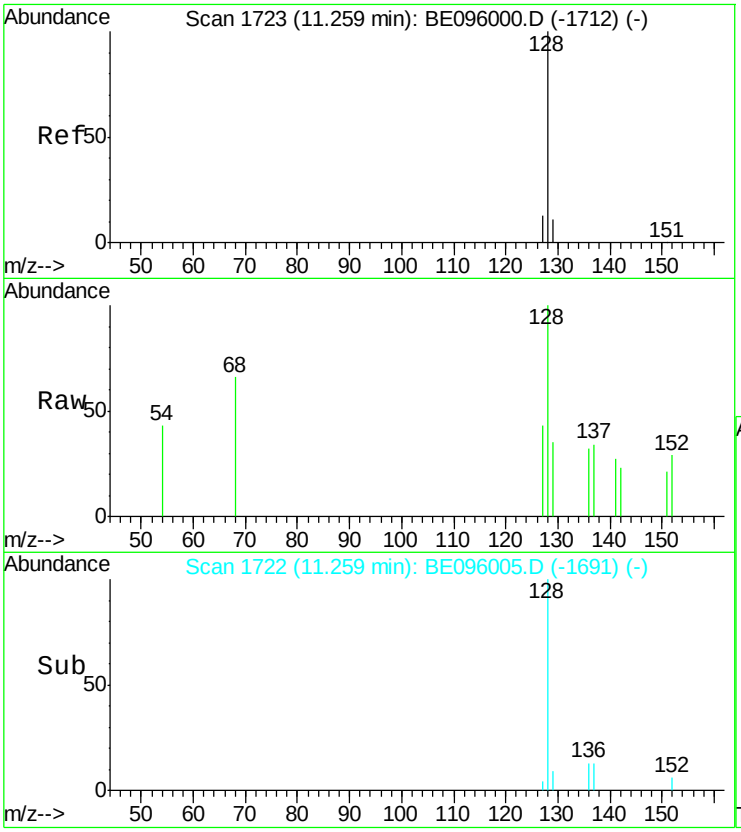


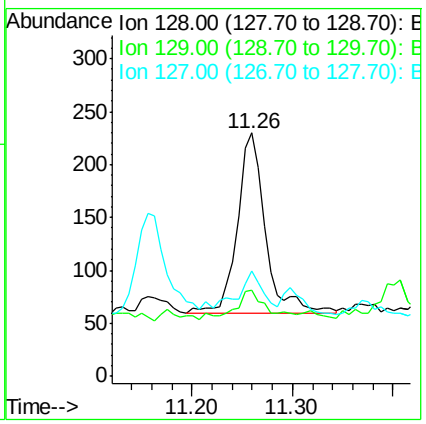


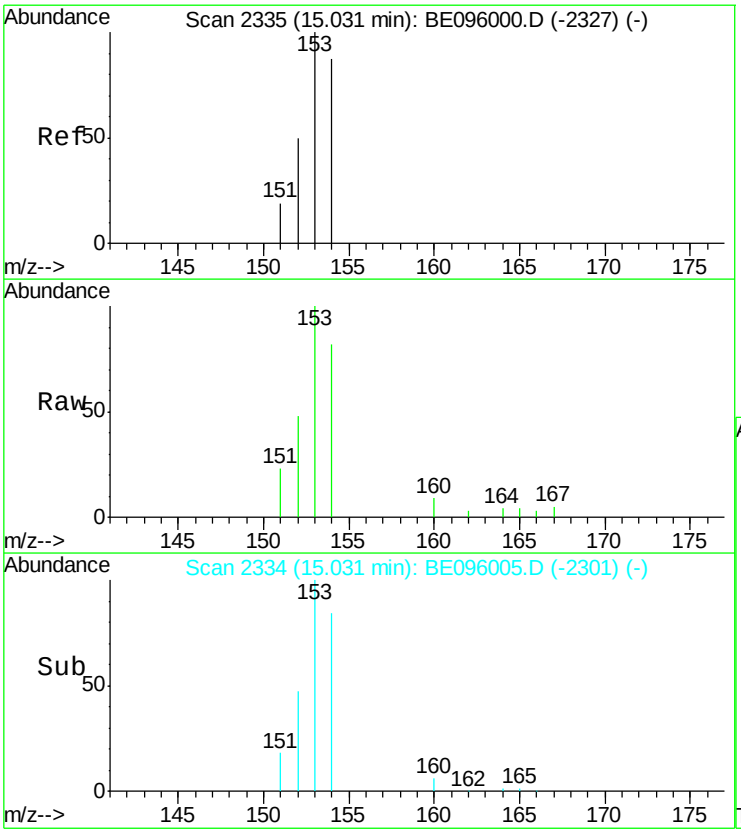
#3
Naphthalene
Concen: 0.023 ng/ul
RT: 11.26 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BE096005.D
Acq: 16 Apr 2018 12:24

Instrument :
BNA_E
ClientSampleId :
F1A30MSD

Tgt Ion:128 Resp: 332

Ion	Ratio	Lower	Upper
128	100		
129	35.2	11.3	16.9#
127	43.5	4.0	6.0#

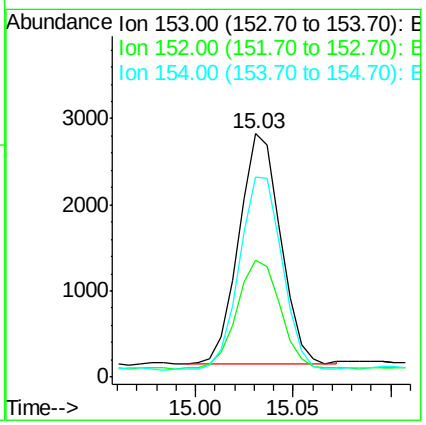


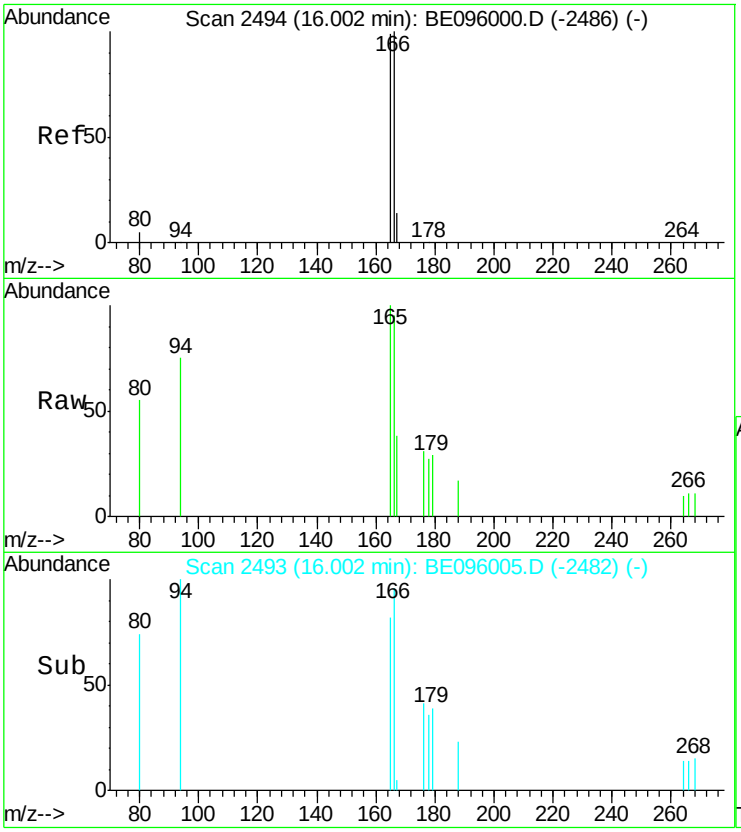


#8
Acenaphthene
Concen: 0.376 ng/ul
RT: 15.03 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BE096005.D
Acq: 16 Apr 2018 12:24

Tgt Ion:153 Resp: 3973

Ion	Ratio	Lower	Upper
153	100		
152	48.2	36.0	54.0
154	82.1	72.0	108.0



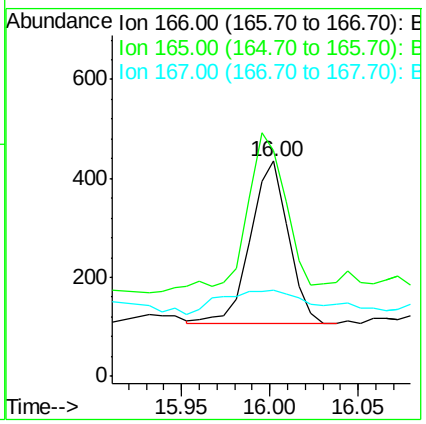


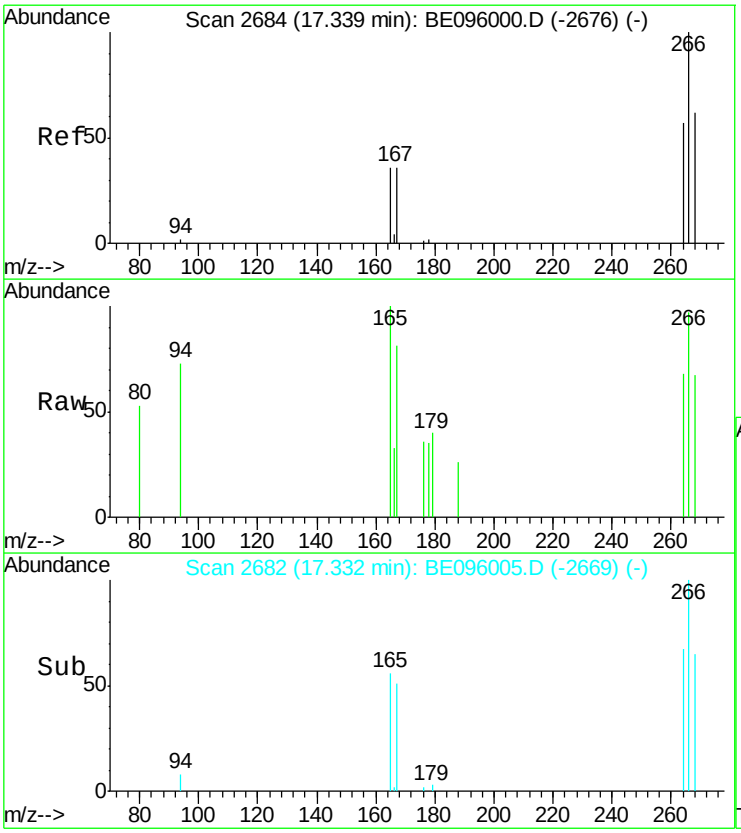
#9
Fluorene
Concen: 0.041 ng/ul
RT: 16.00 min Scan# 2493
Delta R.T. 0.00 min
Lab File: BE096005.D
Acq: 16 Apr 2018 12:24

Instrument :
BNA_E
ClientSampleId :
F1A30MSD

Tgt Ion:166 Resp: 486

Ion	Ratio	Lower	Upper
166	100		
165	105.1	73.4	110.2
167	40.2	14.6	22.0#

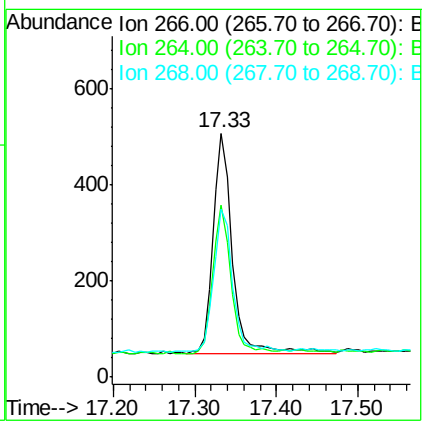


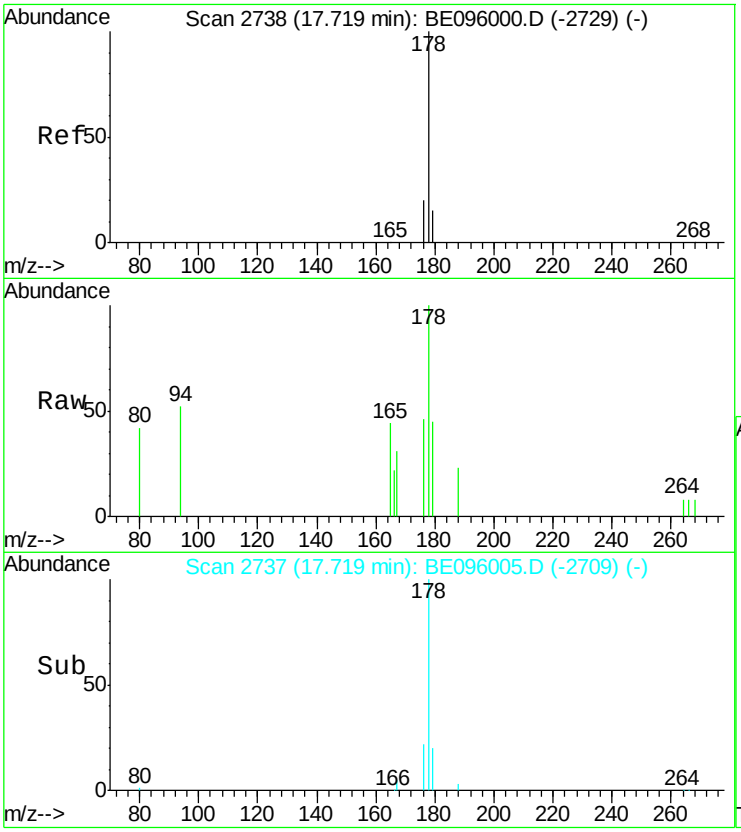


#11
Pentachlorophenol
Concen: 0.534 ng/ul
RT: 17.33 min Scan# 2682
Delta R.T. -0.01 min
Lab File: BE096005.D
Acq: 16 Apr 2018 12:24

Tgt Ion:266 Resp: 744

Ion	Ratio	Lower	Upper
266	100		
264	64.9	47.9	71.9
268	65.5	49.8	74.8



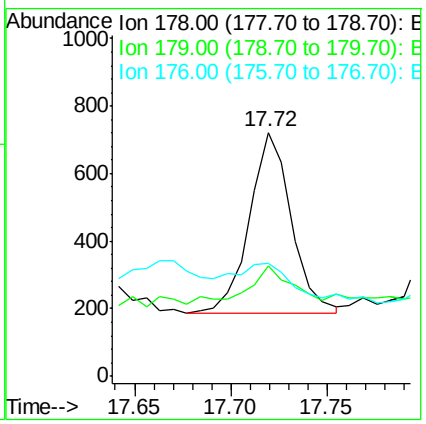


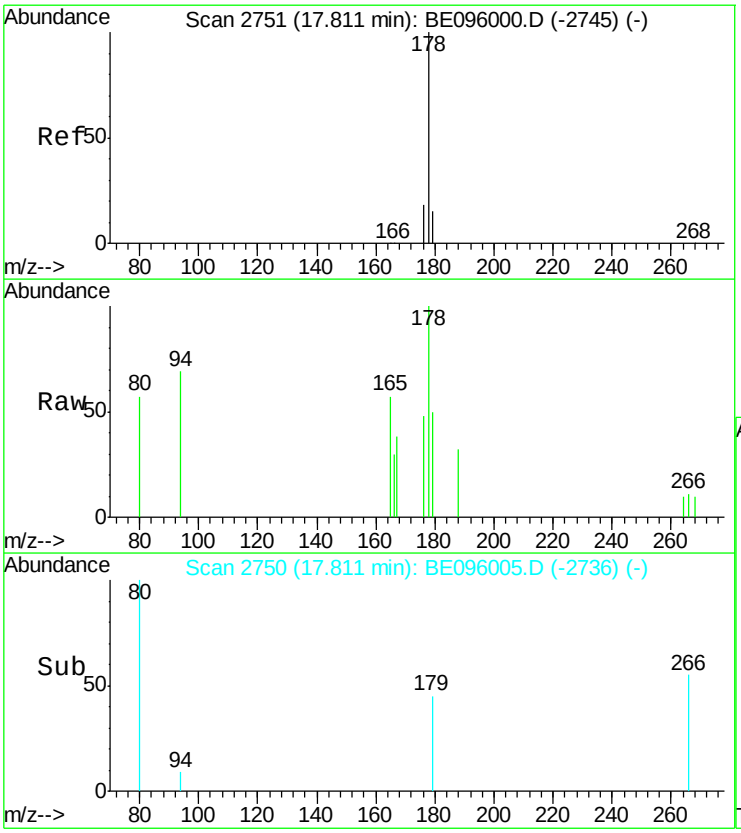
#12
Phenanthrene
Concen: 0.042 ng/ul
RT: 17.72 min Scan# 2737
Delta R.T. -0.01 min
Lab File: BE096005.D
Acq: 16 Apr 2018 12:24

Instrument :
BNA_E
ClientSampleId :
F1A30MSD

Tgt Ion:178 Resp: 815

Ion	Ratio	Lower	Upper
178	100		
179	45.2	18.4	27.6#
176	46.5	13.6	20.4#

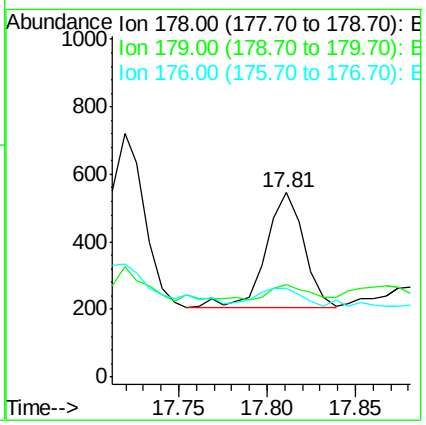


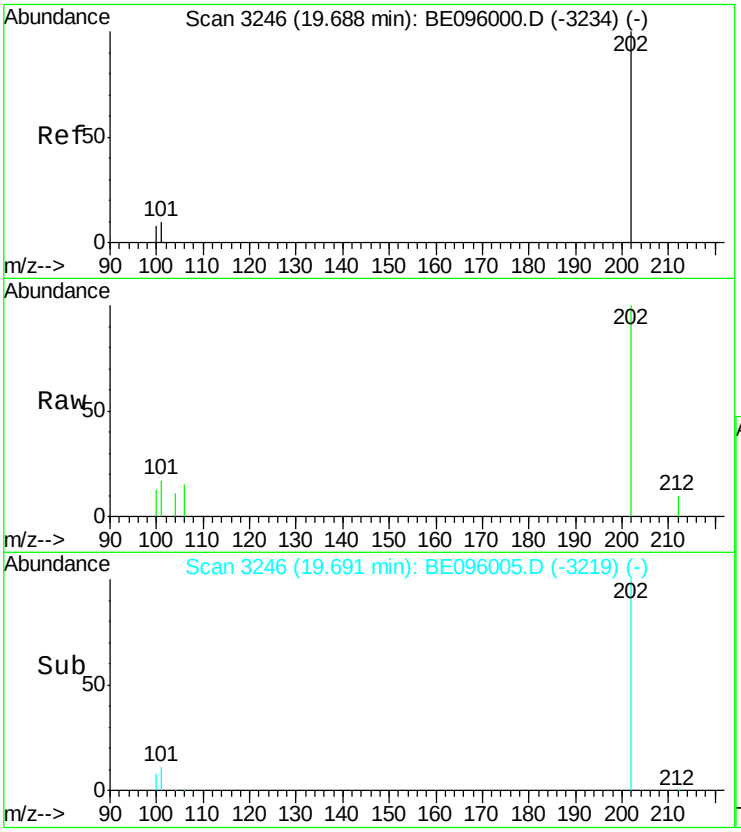


#13
Anthracene
Concen: 0.027 ng/ul
RT: 17.81 min Scan# 2750
Delta R.T. 0.00 min
Lab File: BE096005.D
Acq: 16 Apr 2018 12:24

Tgt Ion:178 Resp: 514

Ion	Ratio	Lower	Upper
178	100		
179	50.2	18.1	27.1#
176	48.0	14.7	22.1#



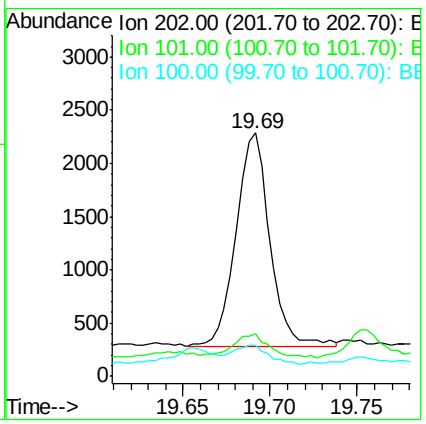


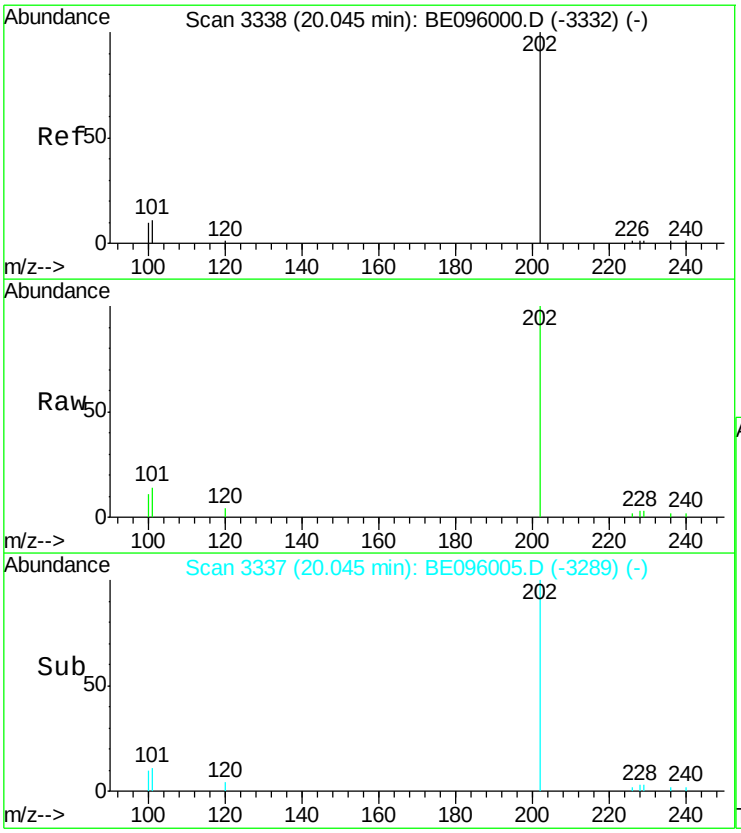
#15
Fluoranthene
Concen: 0.102 ng/ul
RT: 19.69 min Scan# 3246
Delta R.T. -0.00 min
Lab File: BE096005.D
Acq: 16 Apr 2018 12:24

Instrument :
BNA_E
ClientSampleId :
F1A30MSD

Tgt Ion:202 Resp: 2687

Ion	Ratio	Lower	Upper
202	100		
101	17.4	0.0	30.3
100	12.6	0.0	39.5





#17
Pyrene
Concen: 0.517 ng/ul
RT: 20.05 min Scan# 3337
Delta R.T. -0.00 min
Lab File: BE096005.D
Acq: 16 Apr 2018 12:24

Tgt Ion:202 Resp: 11961

Ion	Ratio	Lower	Upper
202	100		
101	13.5	18.2	27.4#
100	11.1	15.6	23.4#