Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE050318\
Data File : BE096321.D
Acq On : 3 May 2018 11:20
Operator : SJ/JU
Sample : SSTD0.873
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTD0.873

Quant Time: May 03 11:57:45 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 03 11:56:34 2018
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.358	152	557	0.40	ng/ul	0.00
2) Naphthalene-d8	11.175	136	2134	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.943	164	1232	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.648	188	3427	0.40	ng/ul	0.00
16) Chrysene-d12	21.744	240	4618	0.40	ng/ul	0.00
20) Perylene-d12	24.346	264	3611	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.730	152	3114	0.82	ng/ul	0.00
14) Fluoranthene-d10	19.630	212	11612	0.79	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.221	128	4584	0.77	ng/ul#	89
5) 2-Methylnaphthalene	12.808	142	3106	0.81	ng/ul	99
7) Acenaphthylene	14.667	152	5209	0.83	ng/ul	97
8) Acenaphthene	15.001	153	3728	0.81	ng/ul	94
9) Fluorene	15.973	166	5343	0.89	ng/ul	96
11) Pentachlorophenol	17.310	266	341	0.74	ng/ul	95
12) Phenanthrene	17.690	178	8190	0.79	ng/ul#	88
13) Anthracene	17.781	178	8137	0.83	ng/ul#	90
15) Fluoranthene	19.663	202	11673	0.79	ng/ul	83
17) Pyrene	20.023	202	3555	0.64	ng/ul#	76
18) Benzo(a)anthracene	21.730	228	5859	0.79	ng/ul#	87
19) Chrysene	21.779	228	10773	0.78	ng/ul	95
21) Benzo(b)fluoranthene	23.537	252	9916	0.81	ng/ul	85
22) Benzo(k)fluoranthene	23.594	252	9584	0.80	ng/ul#	86
23) Benzo(a)pyrene	24.226	252	9232	0.80	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	27.122	276	10334	0.81	ng/ul#	79
25) Dibenzo(a,h)anthracene	27.132	278	8440	0.81	ng/ul#	90
26) Benzo(g,h,i)perylene	27.985	276	8762	0.82	ng/ul	95

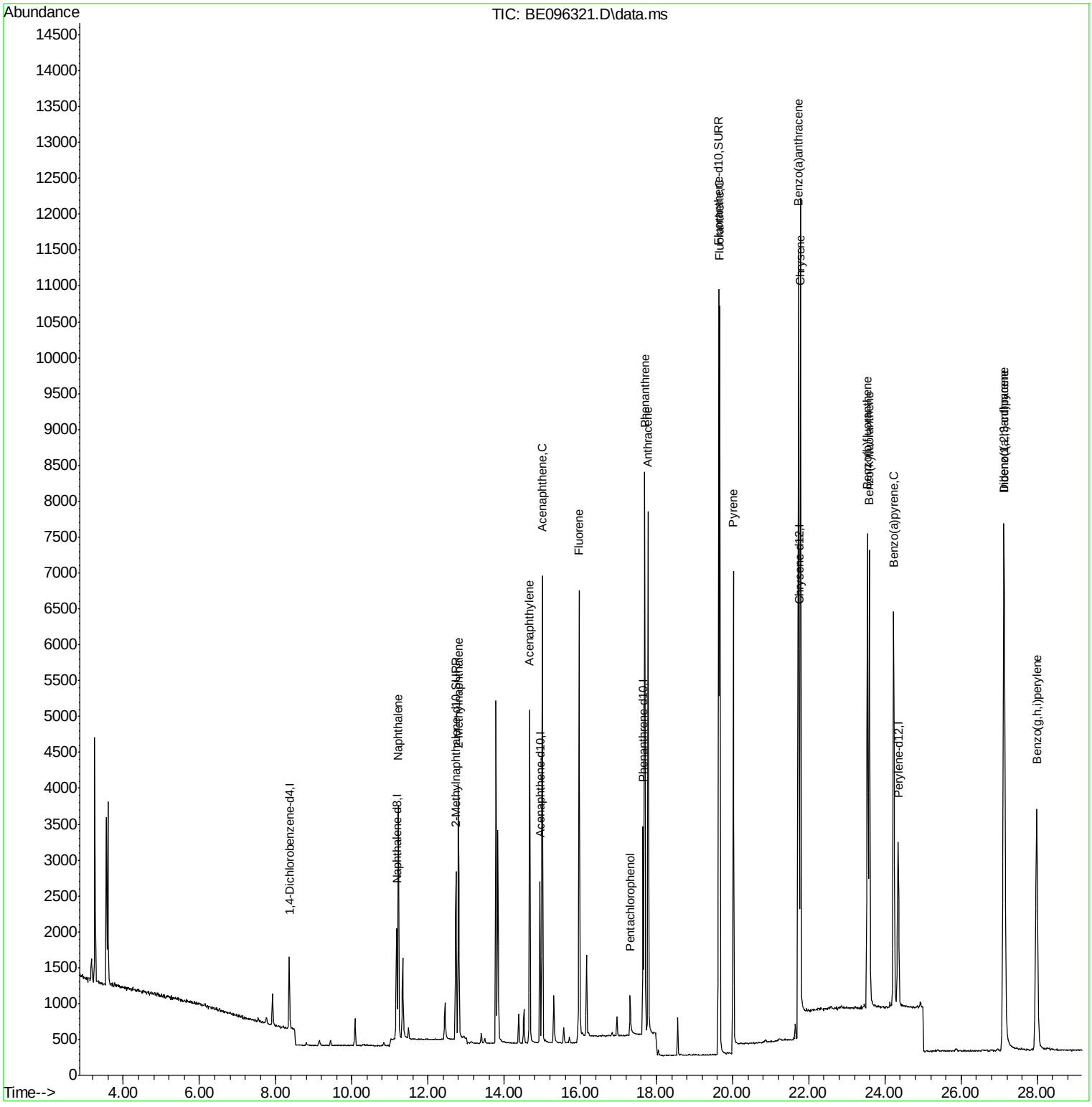
(#) = qualifier out of range (m) = manual integration (+) = signals summed

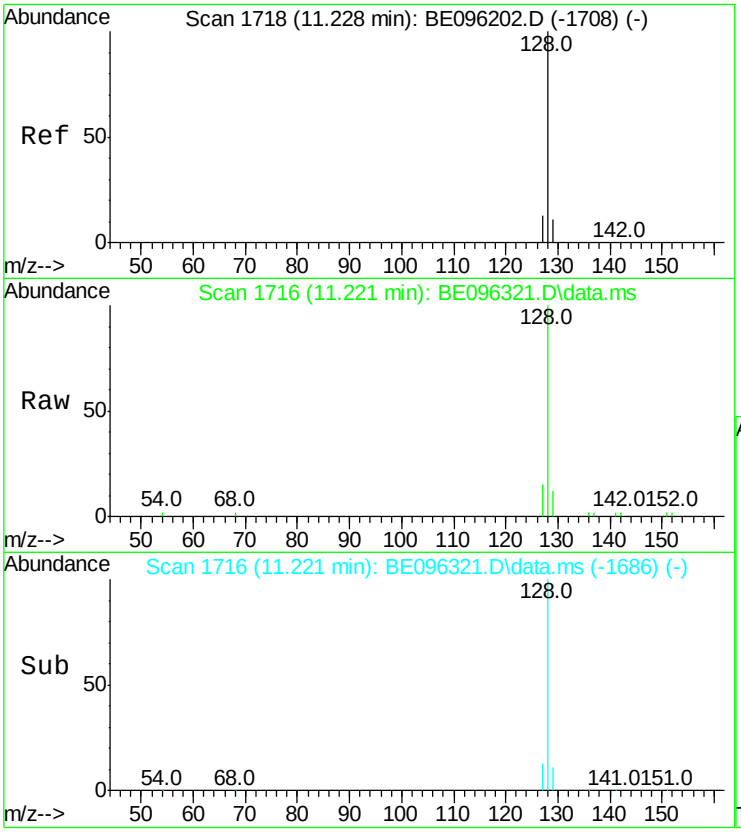
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE050318\
Data File : BE096321.D
Acq On : 3 May 2018 11:20
Operator : SJ/JU
Sample : SSTD0.873
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD0.873

Quant Time: May 03 11:57:45 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 03 11:56:34 2018
Response via : Initial Calibration



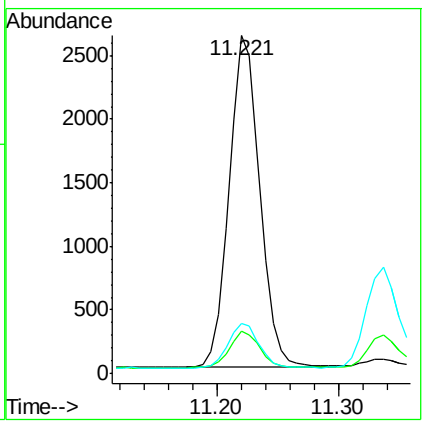


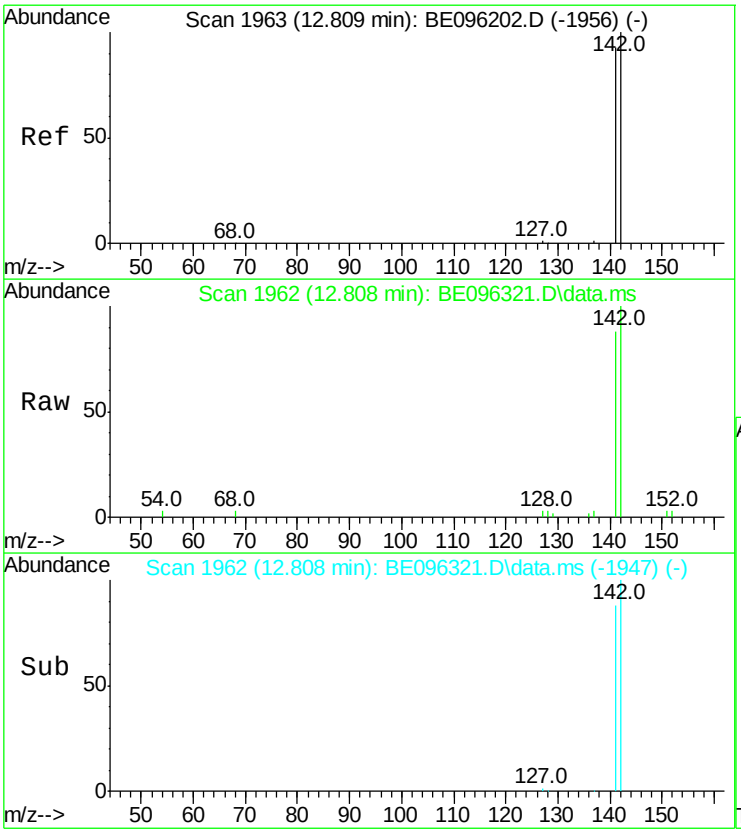
#3
Naphthalene
Concen: 0.77 ng/ul
RT: 11.221 min Scan# 17
Delta R.T. -0.000 min
Lab File: BE096321.D
Acq: 3 May 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTD0.873

Tgt Ion:128 Resp: 4584

Ion	Ratio	Lower	Upper
128	100		
129	12.4	11.3	16.9
127	14.9	4.0	6.0#

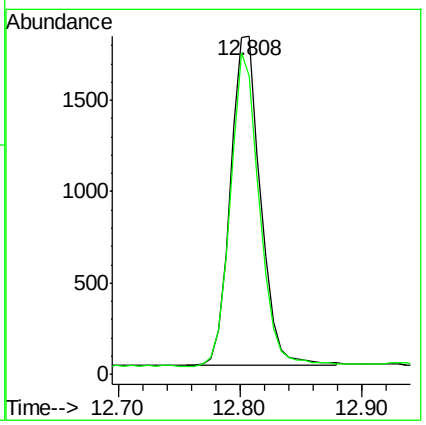


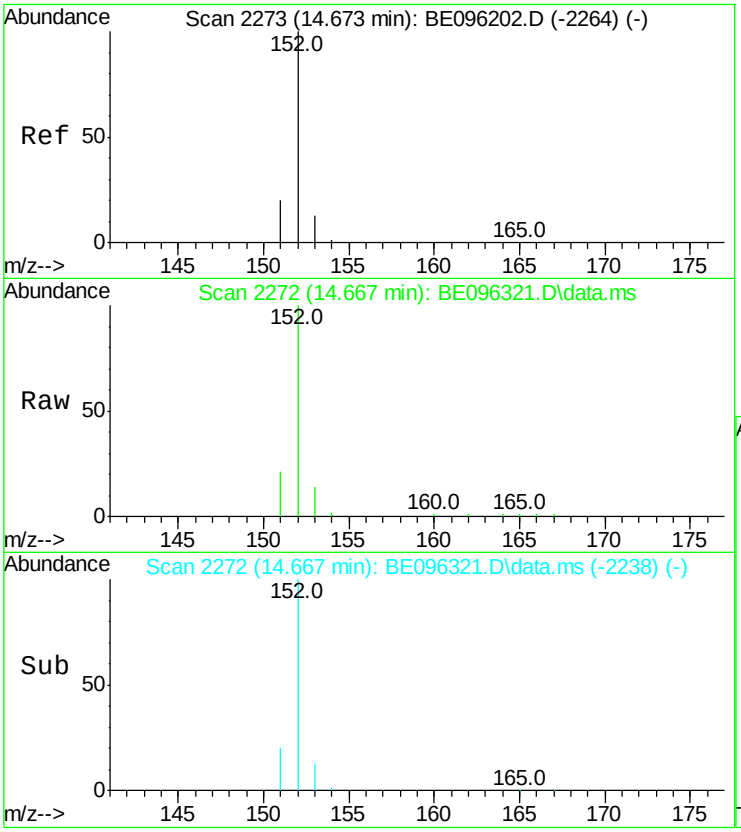


#5
2-Methylnaphthalene
Concen: 0.81 ng/ul
RT: 12.808 min Scan# 1962
Delta R.T. -0.000 min
Lab File: BE096321.D
Acq: 3 May 2018 11:20

Tgt Ion:142 Resp: 3106

Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.6	108.8



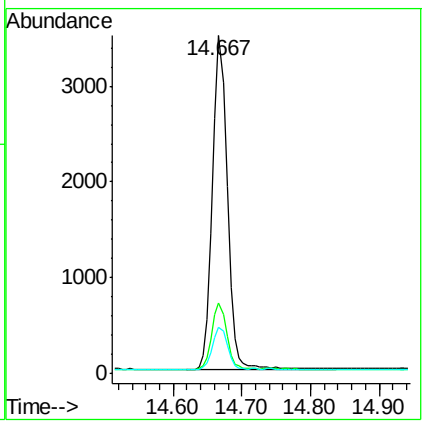


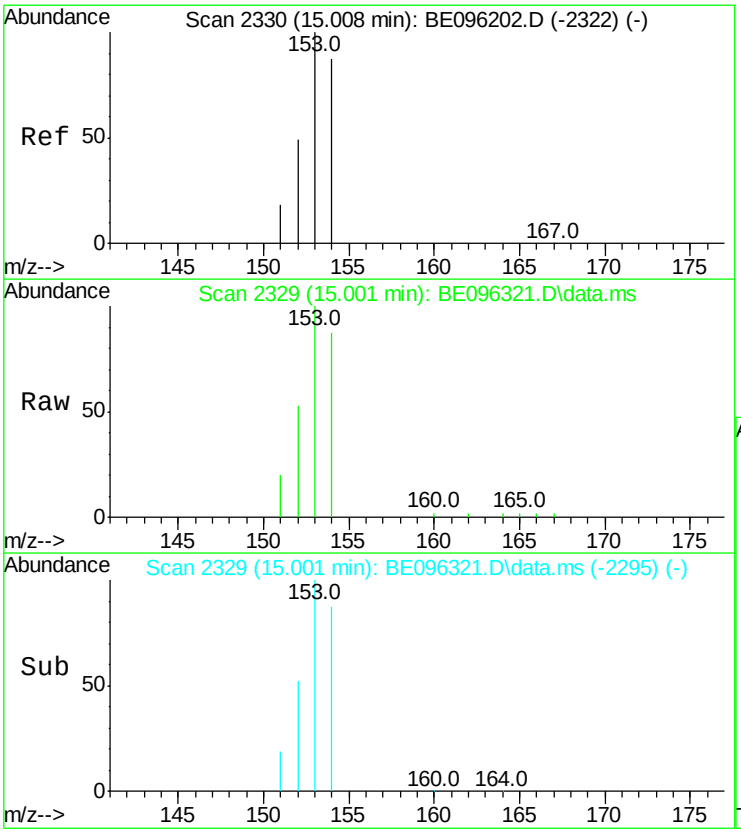
#7
Acenaphthylene
Concen: 0.83 ng/ul
RT: 14.667 min Scan# 22
Delta R.T. -0.001 min
Lab File: BE096321.D
Acq: 3 May 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTD0.873

Tgt Ion:152 Resp: 5209

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.1	25.7
153	13.7	12.8	19.2

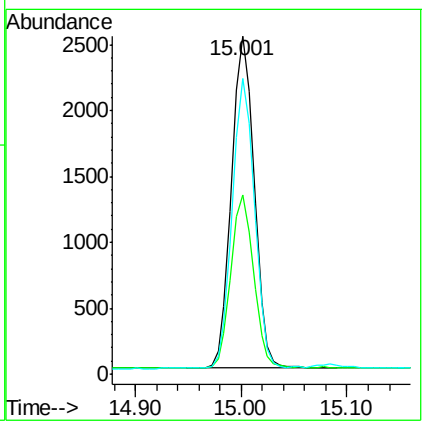


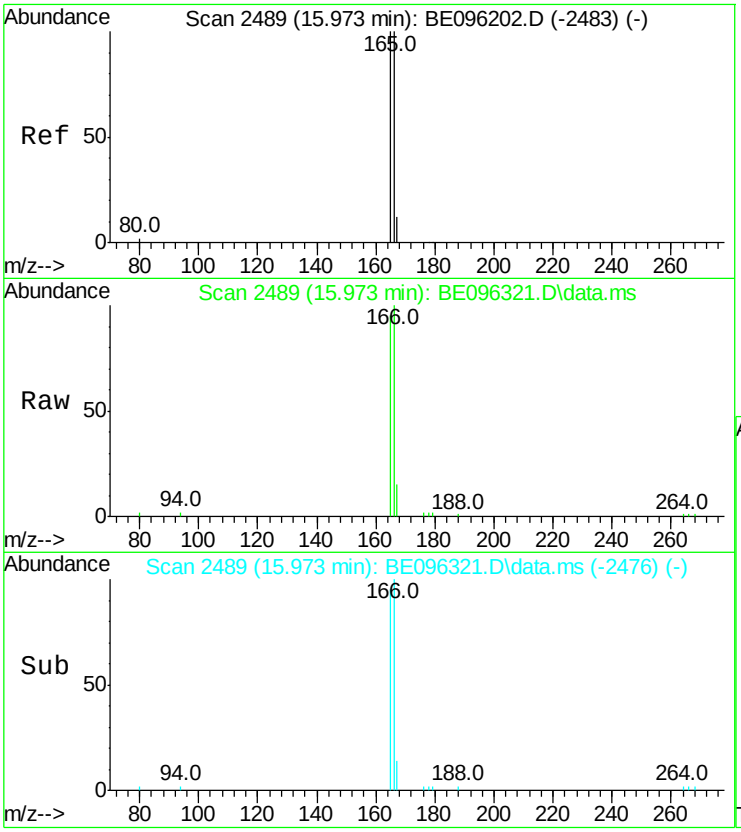


#8
Acenaphthene
Concen: 0.81 ng/ul
RT: 15.001 min Scan# 2329
Delta R.T. -0.001 min
Lab File: BE096321.D
Acq: 3 May 2018 11:20

Tgt Ion:153 Resp: 3728

Ion	Ratio	Lower	Upper
153	100		
152	53.0	36.0	54.0
154	87.4	72.0	108.0



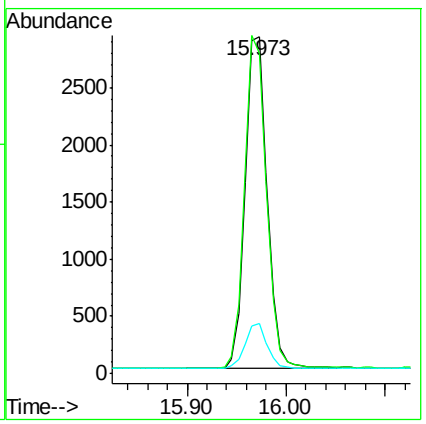


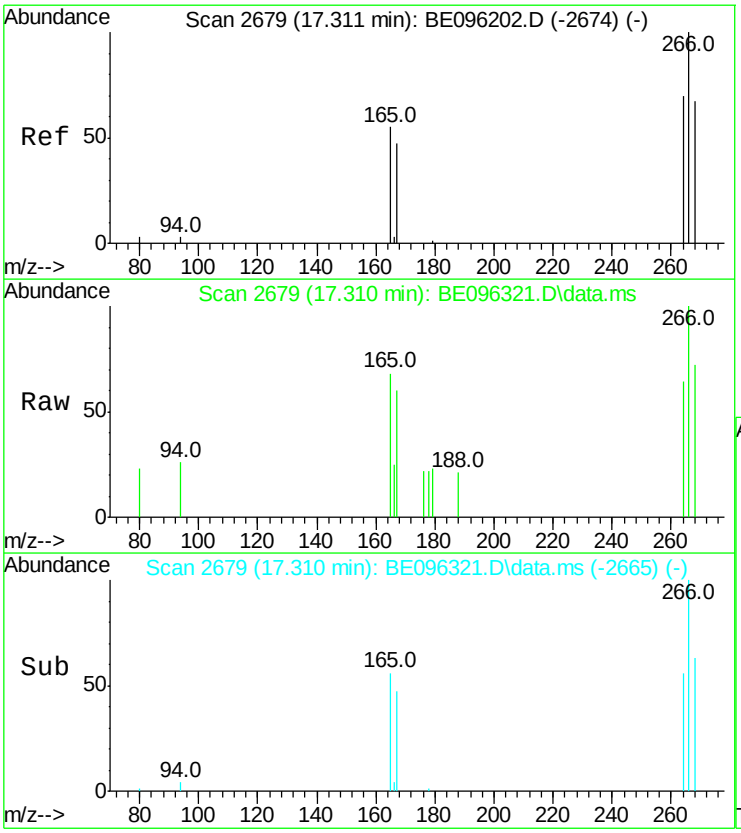
#9
Fluorene
Concen: 0.89 ng/ul
RT: 15.973 min Scan# 24
Delta R.T. 0.006 min
Lab File: BE096321.D
Acq: 3 May 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTD0.873

Tgt Ion:166 Resp: 5343

Ion	Ratio	Lower	Upper
166	100		
165	95.1	73.4	110.2
167	14.9	14.6	22.0

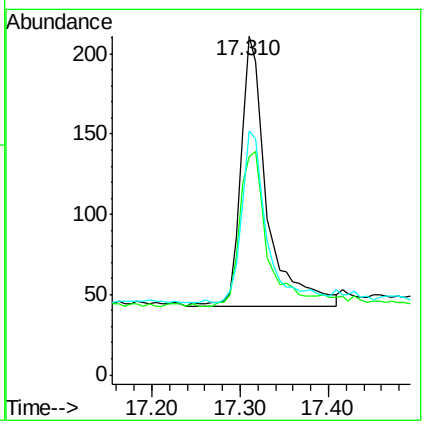


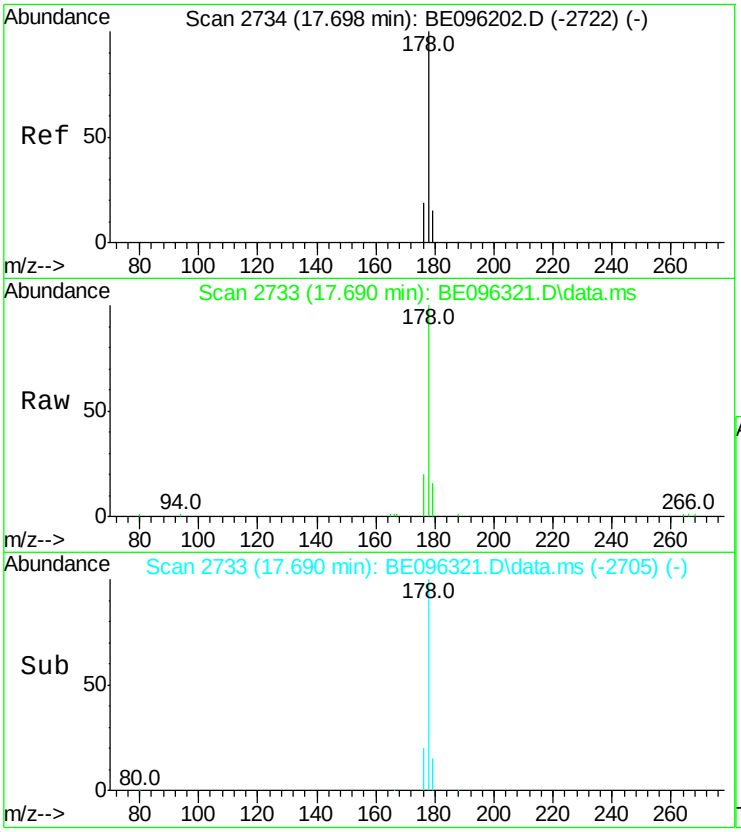


#11
Pentachlorophenol
Concen: 0.74 ng/ul
RT: 17.310 min Scan# 2679
Delta R.T. -0.002 min
Lab File: BE096321.D
Acq: 3 May 2018 11:20

Tgt Ion:266 Resp: 341

Ion	Ratio	Lower	Upper
266	100		
264	66.6	47.9	71.9
268	61.9	49.8	74.8



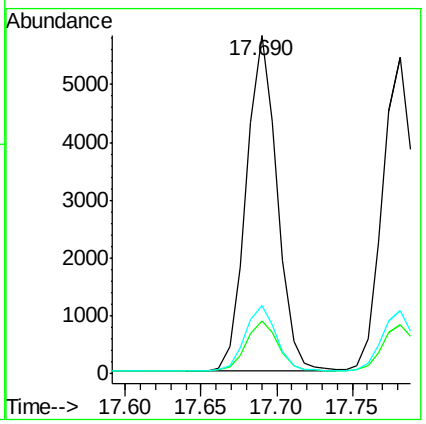


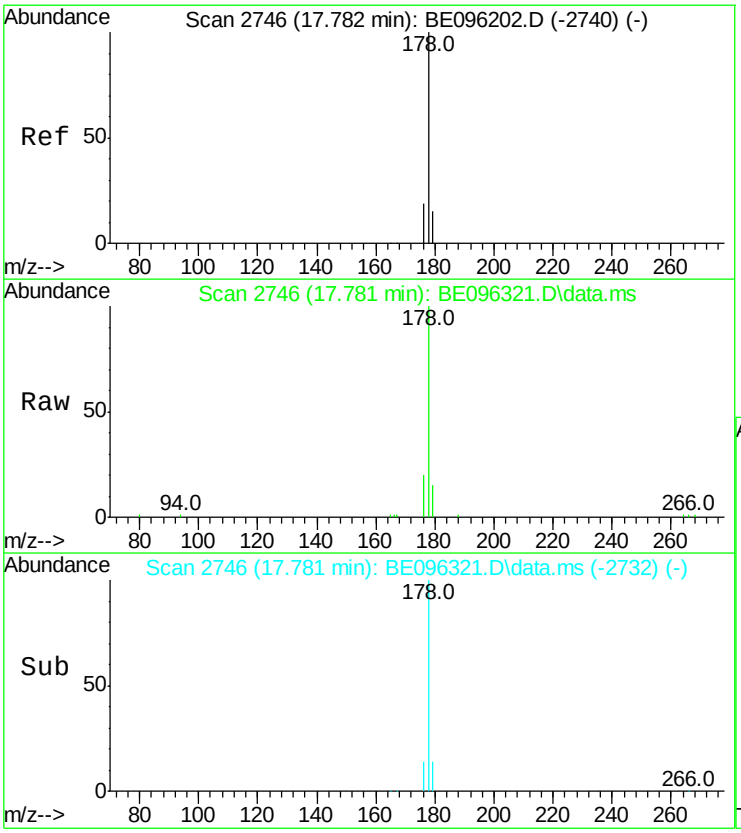
#12
Phenanthrene
Concen: 0.79 ng/ul
RT: 17.690 min Scan# 27
Delta R.T. -0.002 min
Lab File: BE096321.D
Acq: 3 May 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTD0.873

Tgt Ion:178 Resp: 8190

Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.4	27.6#
176	20.3	13.6	20.4

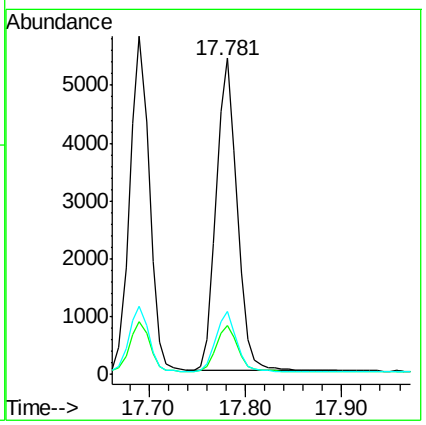


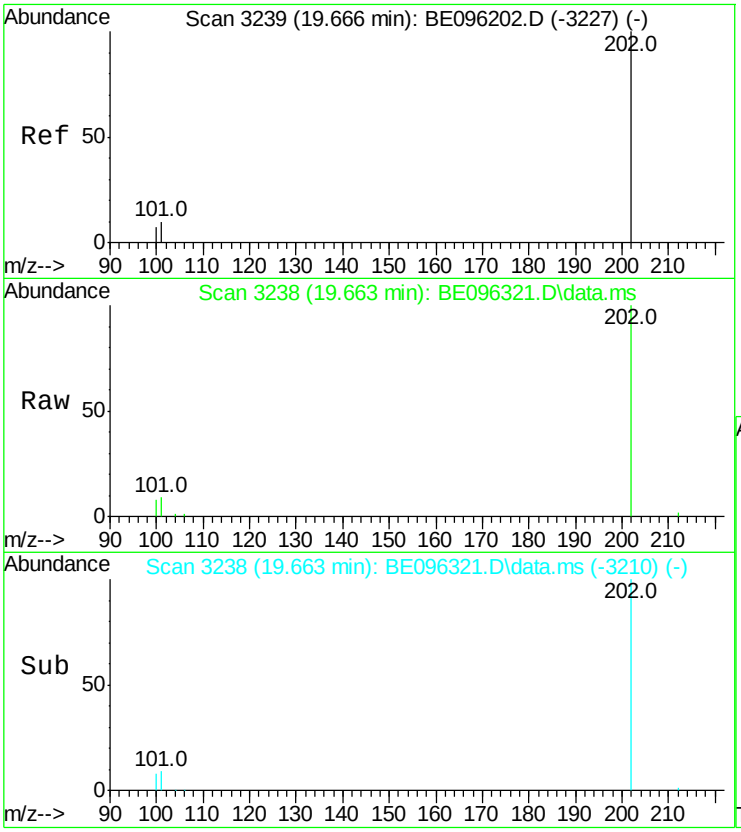


#13
Anthracene
Concen: 0.83 ng/ul
RT: 17.781 min Scan# 2746
Delta R.T. -0.002 min
Lab File: BE096321.D
Acq: 3 May 2018 11:20

Tgt Ion:178 Resp: 8137

Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.1	27.1#
176	19.9	14.7	22.1



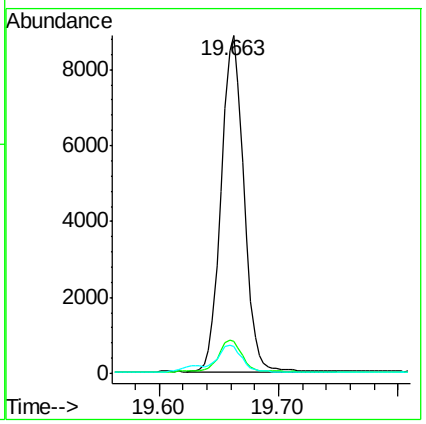


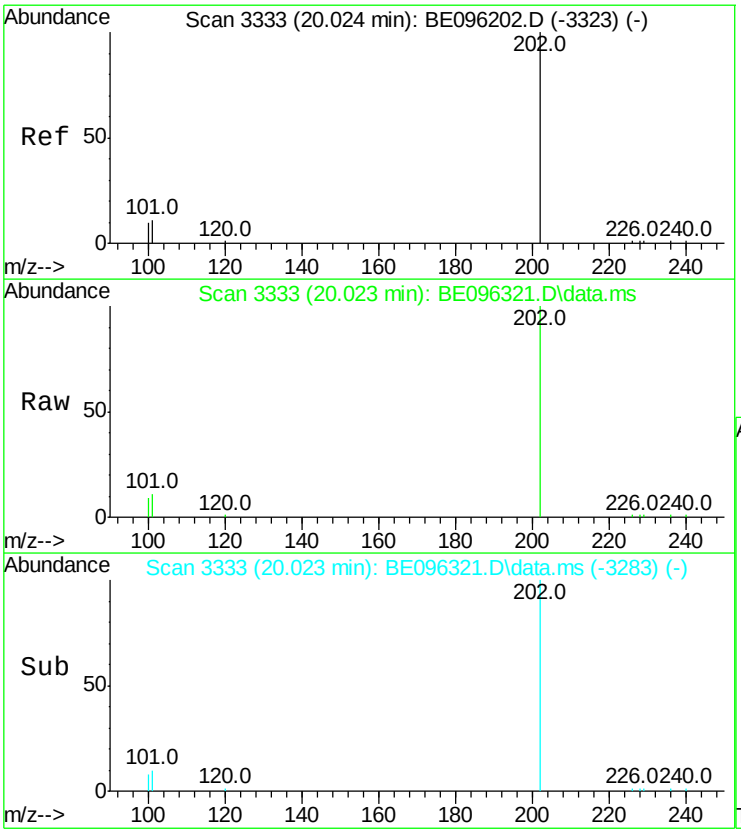
#15
Fluoranthene
Concen: 0.79 ng/ul
RT: 19.663 min Scan# 32
Delta R.T. 0.000 min
Lab File: BE096321.D
Acq: 3 May 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTD0.873

Tgt Ion:202 Resp: 11673

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.3
100	8.0	0.0	39.5

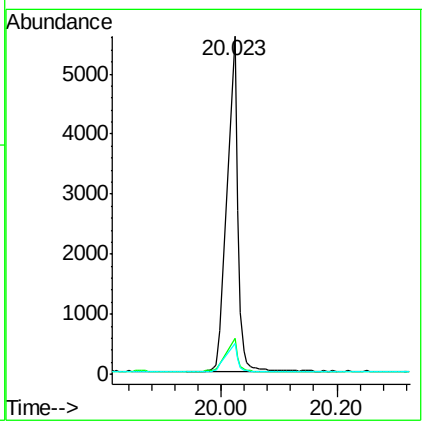


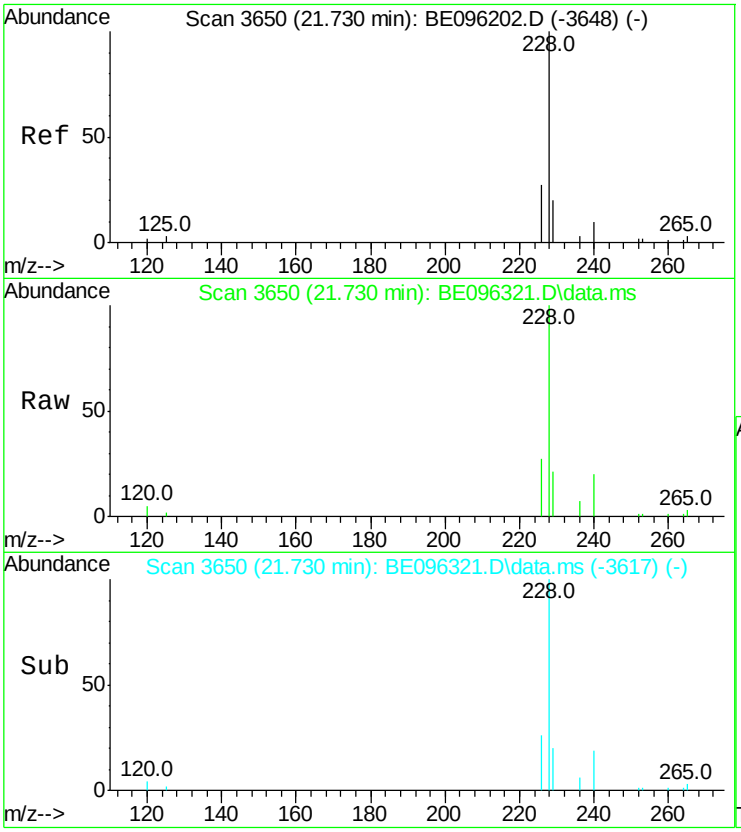


#17
Pyrene
Concen: 0.64 ng/ul
RT: 20.023 min Scan# 3333
Delta R.T. -0.000 min
Lab File: BE096321.D
Acq: 3 May 2018 11:20

Tgt Ion:202 Resp: 3555

Ion	Ratio	Lower	Upper
202	100		
101	10.6	18.2	27.4#
100	9.1	15.6	23.4#



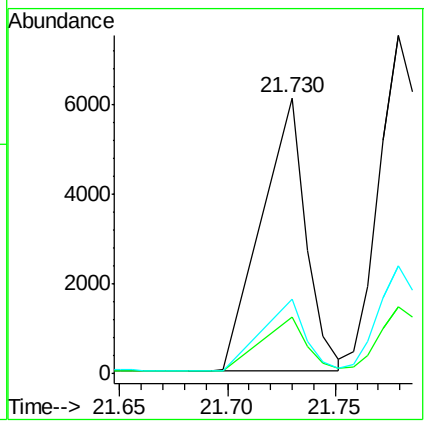


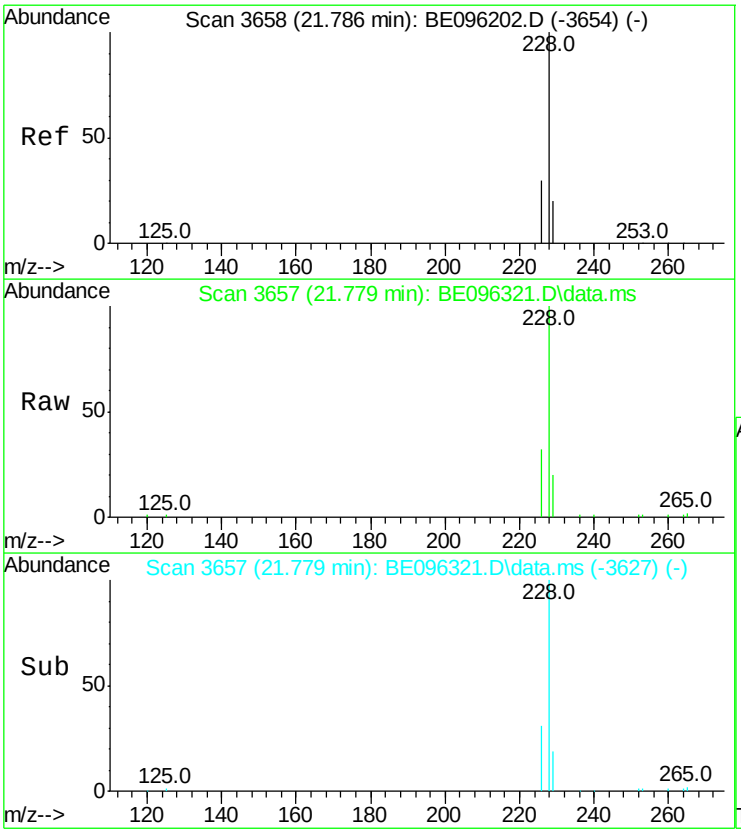
#18
Benzo(a)anthracene
Concen: 0.79 ng/ul
RT: 21.730 min Scan# 36
Delta R.T. -0.000 min
Lab File: BE096321.D
Acq: 3 May 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTD0.873

Tgt Ion:228 Resp: 5859

Ion	Ratio	Lower	Upper
228	100		
229	20.7	22.8	34.2#
226	26.8	17.0	25.6#

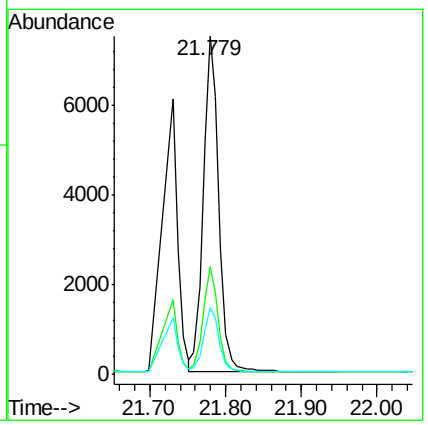


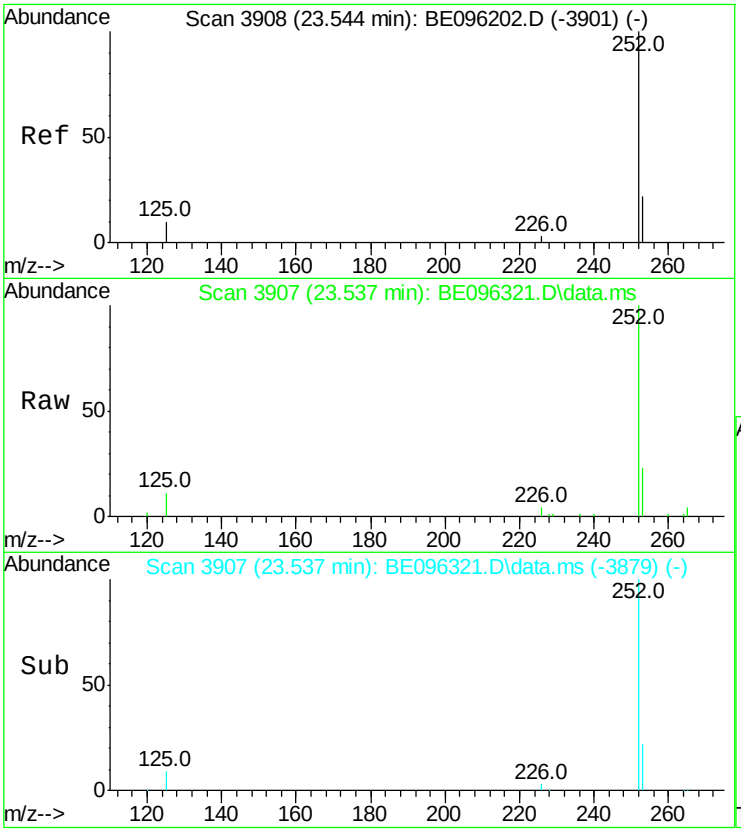


#19
Chrysene
Concen: 0.78 ng/ul
RT: 21.779 min Scan# 3657
Delta R.T. -0.000 min
Lab File: BE096321.D
Acq: 3 May 2018 11:20

Tgt Ion:228 Resp: 10773

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.4	35.0
229	19.8	17.7	26.5



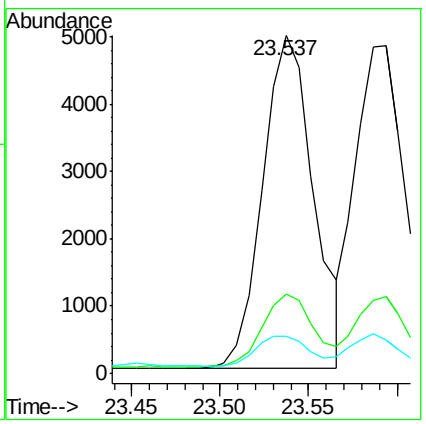


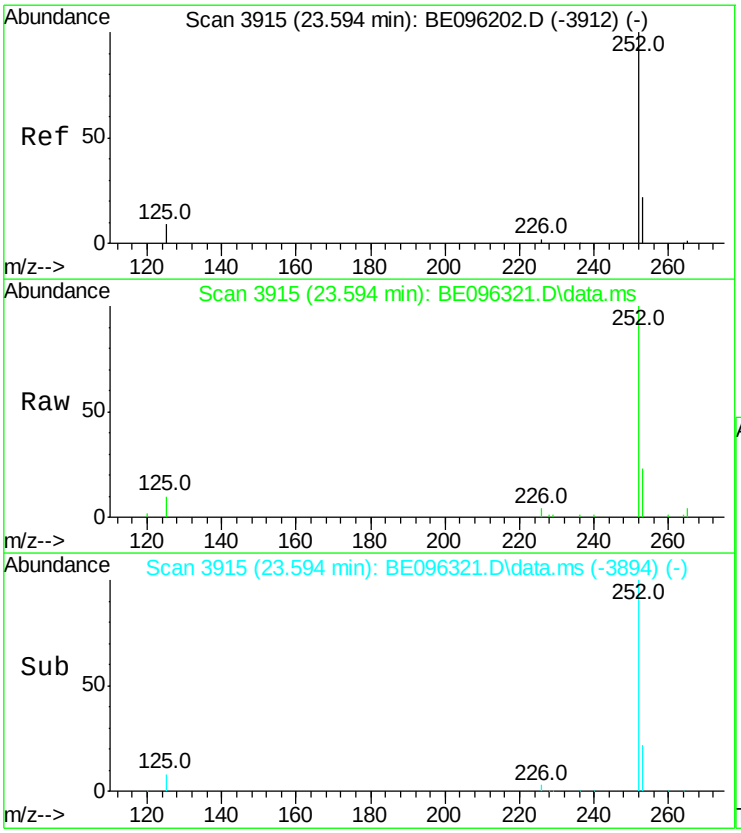
#21
Benzo(b)fluoranthene
Concen: 0.81 ng/ul
RT: 23.537 min Scan# 39
Delta R.T. -0.000 min
Lab File: BE096321.D
Acq: 3 May 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTD0.873

Tgt Ion:252 Resp: 9916

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	64.2
125	10.9	0.0	35.0

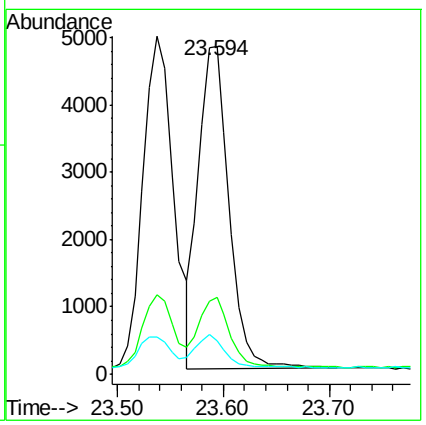


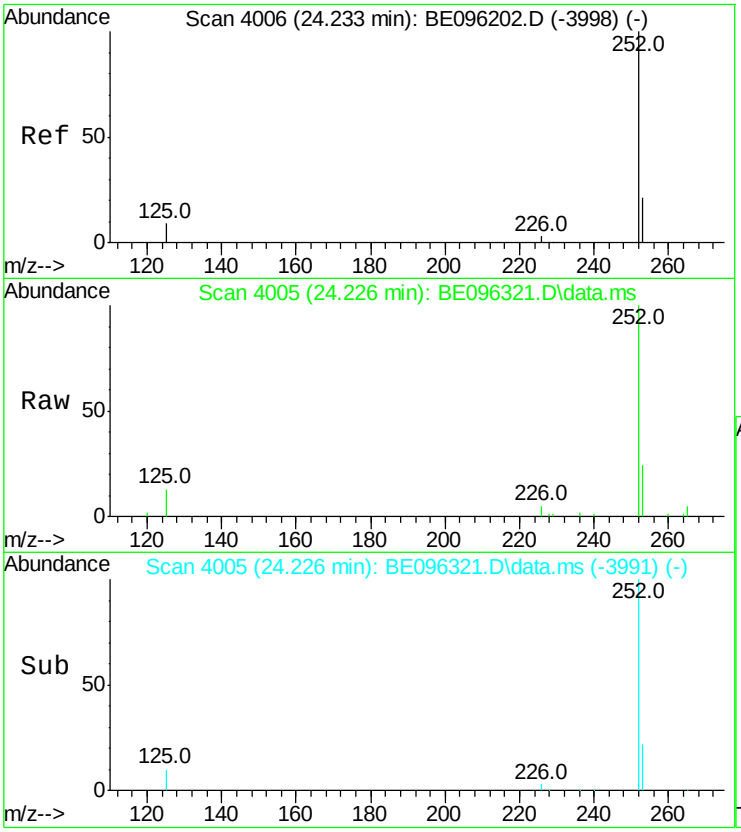


#22
Benzo(k)fluoranthene
Concen: 0.80 ng/ul
RT: 23.594 min Scan# 3915
Delta R.T. -0.000 min
Lab File: BE096321.D
Acq: 3 May 2018 11:20

Tgt Ion:252 Resp: 9584

Ion	Ratio	Lower	Upper
252	100		
253	23.5	24.5	36.7#
125	10.3	13.7	20.5#



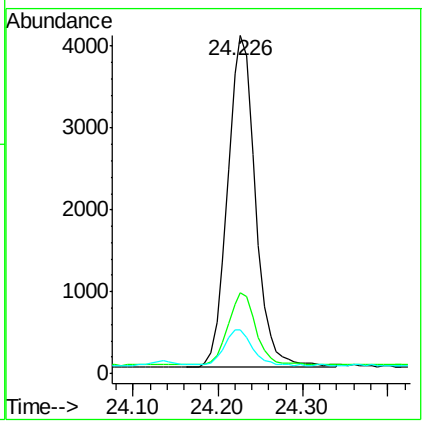


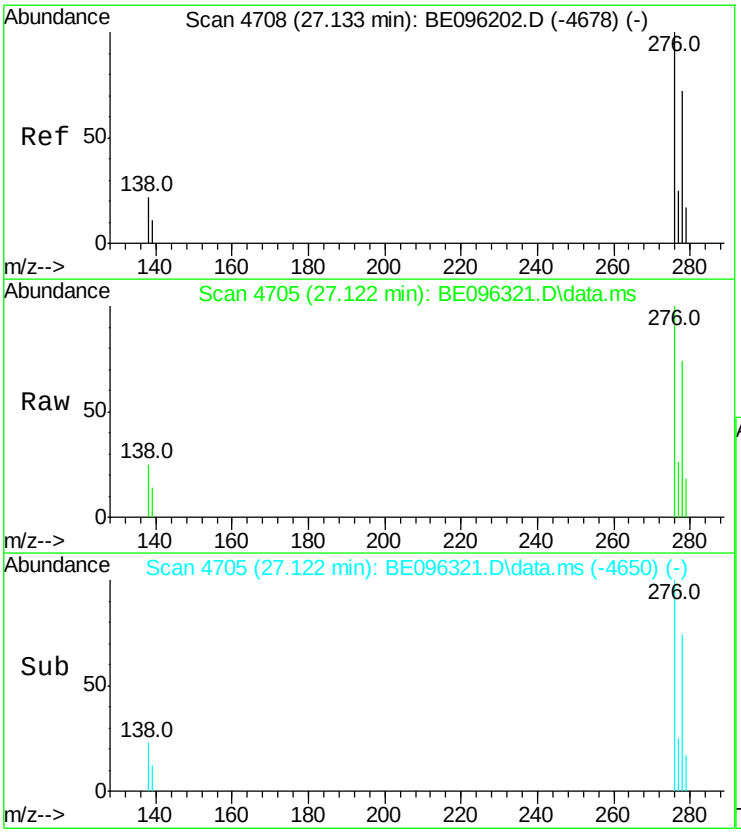
#23
Benzo(a)pyrene
Concen: 0.80 ng/ul
RT: 24.226 min Scan# 40
Delta R.T. -0.000 min
Lab File: BE096321.D
Acq: 3 May 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTD0.873

Tgt Ion:252 Resp: 9232

Ion	Ratio	Lower	Upper
252	100		
253	23.8	28.5	42.7#
125	12.9	18.1	27.1#

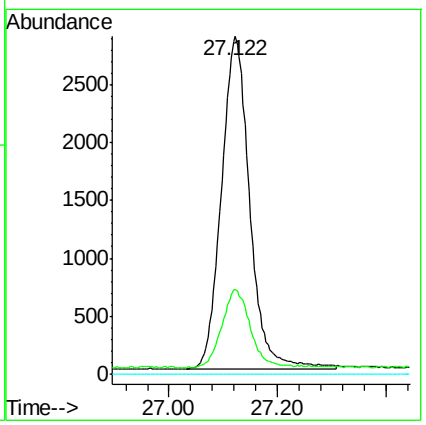


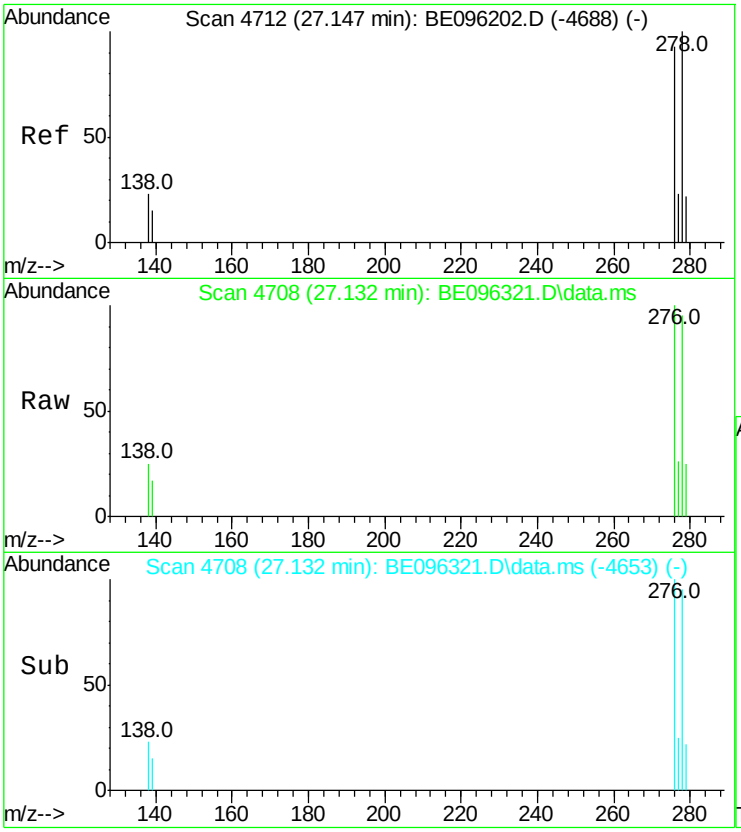


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.81 ng/ul
RT: 27.122 min Scan# 4705
Delta R.T. -0.004 min
Lab File: BE096321.D
Acq: 3 May 2018 11:20

Tgt Ion:276 Resp: 10334

Ion	Ratio	Lower	Upper
276	100		
138	23.7	28.0	42.0#
227	0.0	8.0	12.0#



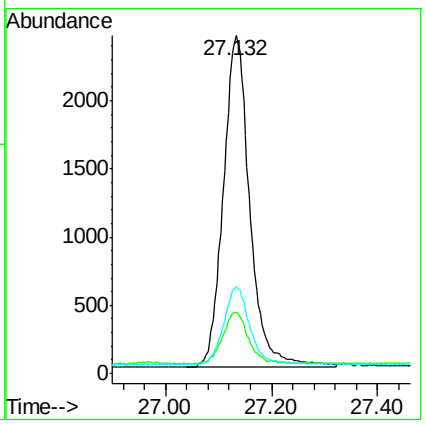


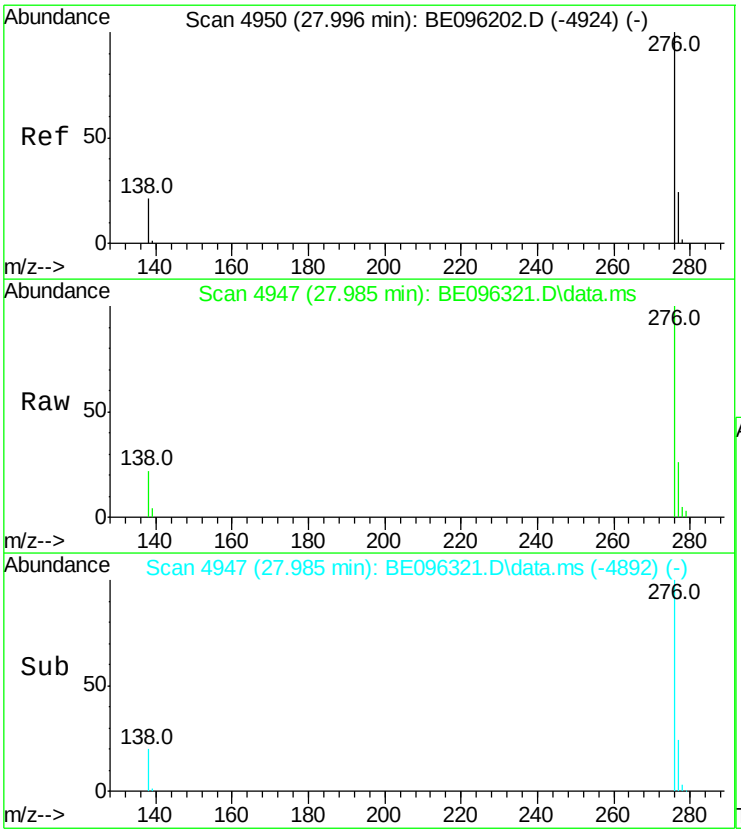
#25
Dibenzo(a,h)anthracene
Concen: 0.81 ng/ul
RT: 27.132 min Scan# 47
Delta R.T. -0.004 min
Lab File: BE096321.D
Acq: 3 May 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTD0.873

Tgt Ion:278 Resp: 8440

Ion	Ratio	Lower	Upper
278	100		
139	18.1	17.4	26.0
279	25.7	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.82 ng/ul
RT: 27.985 min Scan# 4947
Delta R.T. -0.004 min
Lab File: BE096321.D
Acq: 3 May 2018 11:20

Tgt Ion:276 Resp: 8762

Ion	Ratio	Lower	Upper
276	100		
138	22.4	21.8	32.8
277	25.8	20.5	30.7