Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
Data File : BE096867.D
Acq On : 6 Jul 2018 23:42
Operator : SJ/JU
Sample : J3721-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 07 03:26:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 06 16:55:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3835	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	20405	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	12989	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	1546025	0.40	ng/ul	0.10
16) Chrysene-d12	21.12	240	871	0.40	ng/ul	0.14
20) Perylene-d12	23.29	264	5533	0.40	ng/ul	0.08
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	8484	0.25	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						Qvalue
3) Naphthalene	10.19	128	3459	0.070	ng/ul#	95
5) 2-Methylnaphthalene	11.81	142	961	0.029	ng/ul	98
7) Acenaphthylene	13.74	152	69109	1.298	ng/ul	96
8) Acenaphthene	14.09	153	2121	0.048	ng/ul#	86
9) Fluorene	15.08	166	6645	0.147	ng/ul	91
11) Pentachlorophenol	16.52	266	8	0.000	ng/ul#	36
12) Phenanthrene	16.91	178	80877	0.020	ng/ul#	90
13) Anthracene	16.97	178	3804	0.001	ng/ul#	1
15) Fluoranthene	19.00	202	20800	0.005	ng/ul	83
17) Pyrene	19.21	202	693404	242.528	ng/ul#	82
18) Benzo(a)anthracene	21.13	228	100545	48.941	ng/ul#	55
19) Chrysene	21.02	228	1023925	384.705	ng/ul	96
21) Benzo(b)fluoranthene	22.55	252	3100442	205.312	ng/ul	84
22) Benzo(k)fluoranthene	22.72	252	311212	18.876	ng/ul#	89
23) Benzo(a)pyrene	23.13	252	1070639	83.820	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.52	276	834949	62.972	ng/ul#	75
25) Dibenzo(a,h)anthracene	25.64	278	71908	6.827	ng/ul	94
26) Benzo(g,h,i)perylene	26.21	276	662119	51.447	ng/ul#	93

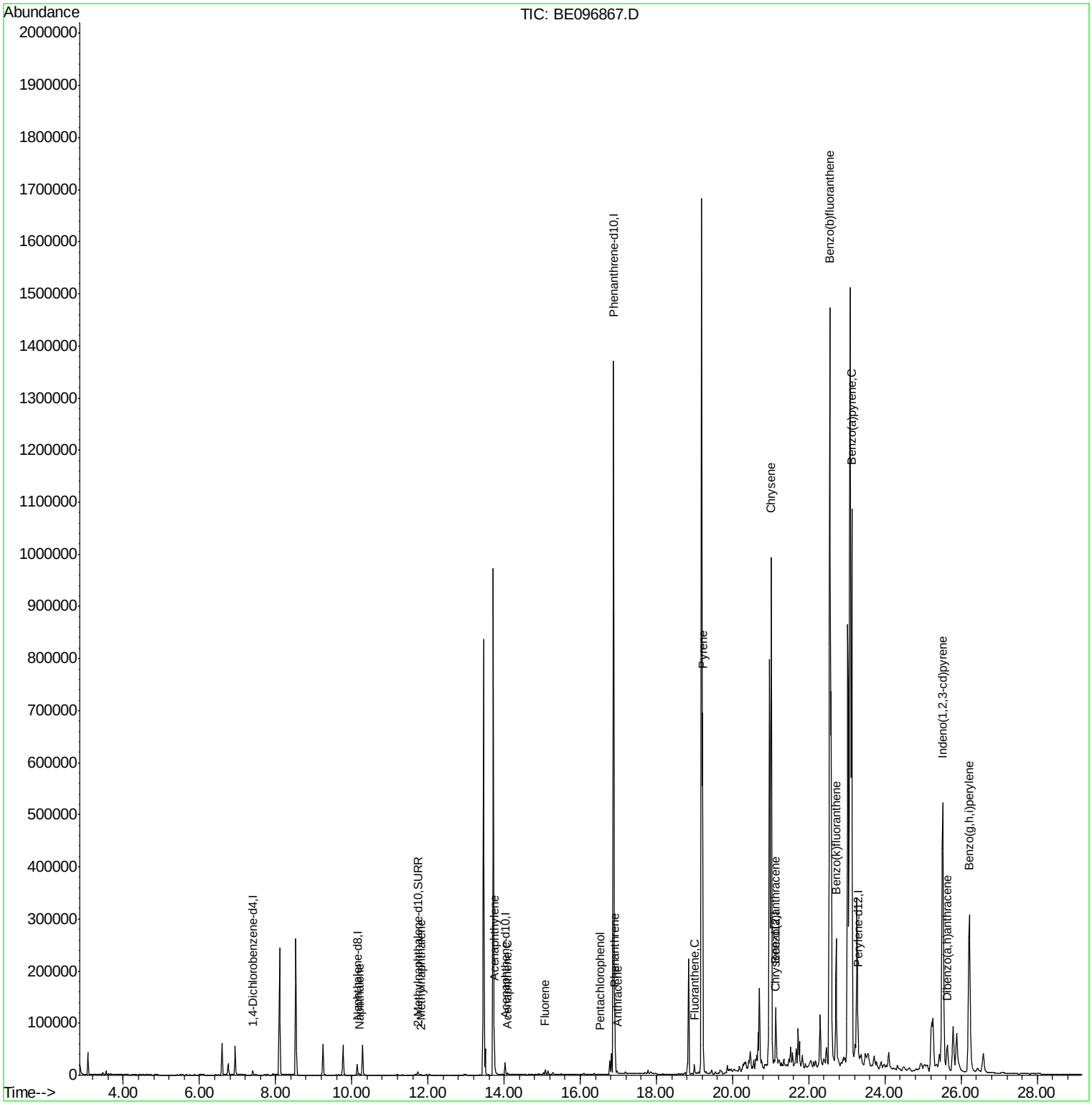
(#) = qualifier out of range (m) = manual integration (+) = signals summed

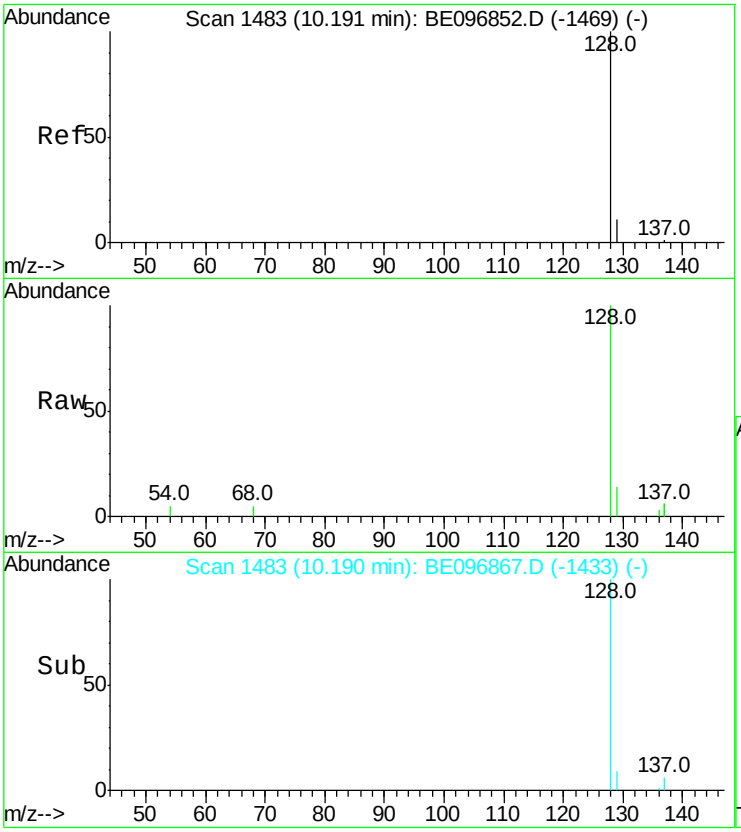
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
Data File : BE096867.D
Acq On : 6 Jul 2018 23:42
Operator : SJ/JU
Sample : J3721-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 07 03:26:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 06 16:55:25 2018
Response via : Initial Calibration



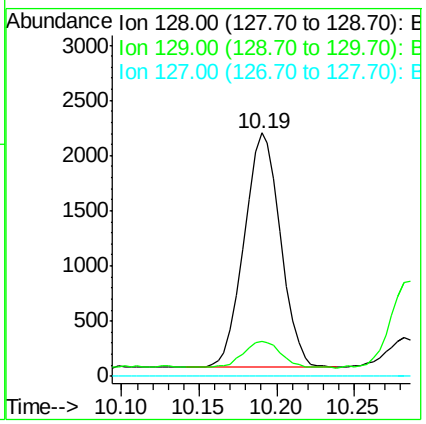


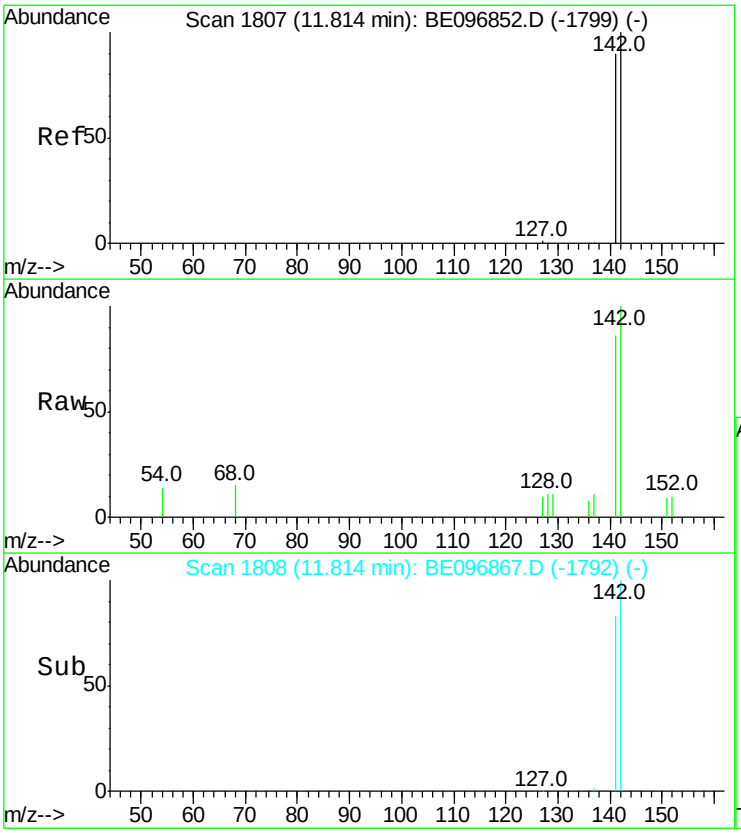
#3
Naphthalene
Concen: 0.070 ng/ul
RT: 10.19 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BE096867.D
Acq: 6 Jul 2018 23:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 3459

Ion	Ratio	Lower	Upper
128	100		
129	14.4	11.3	16.9
127	0.0	4.0	6.0#

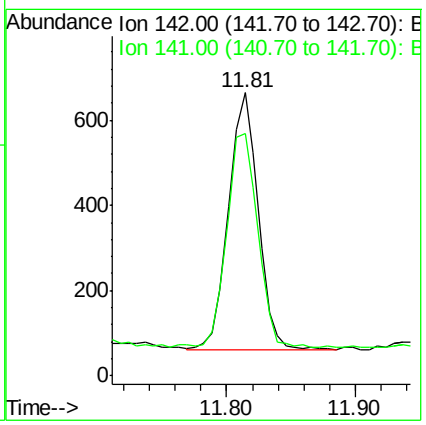


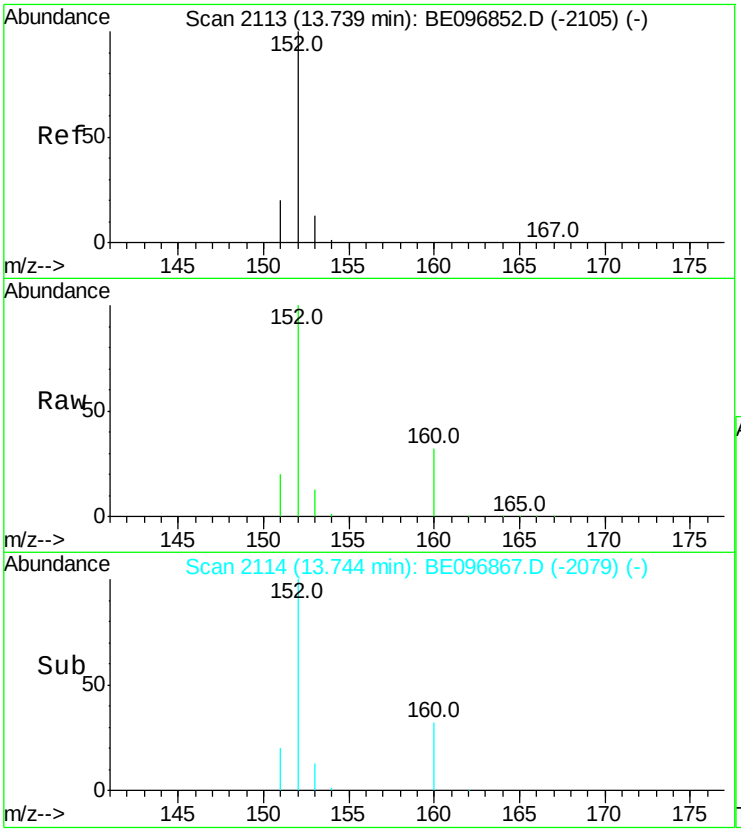


#5
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 11.81 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BE096867.D
Acq: 6 Jul 2018 23:42

Tgt Ion:142 Resp: 961

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.6	108.8



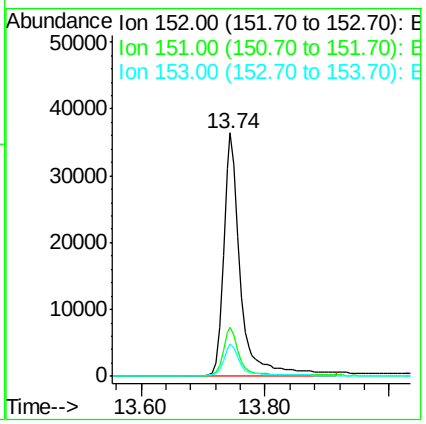


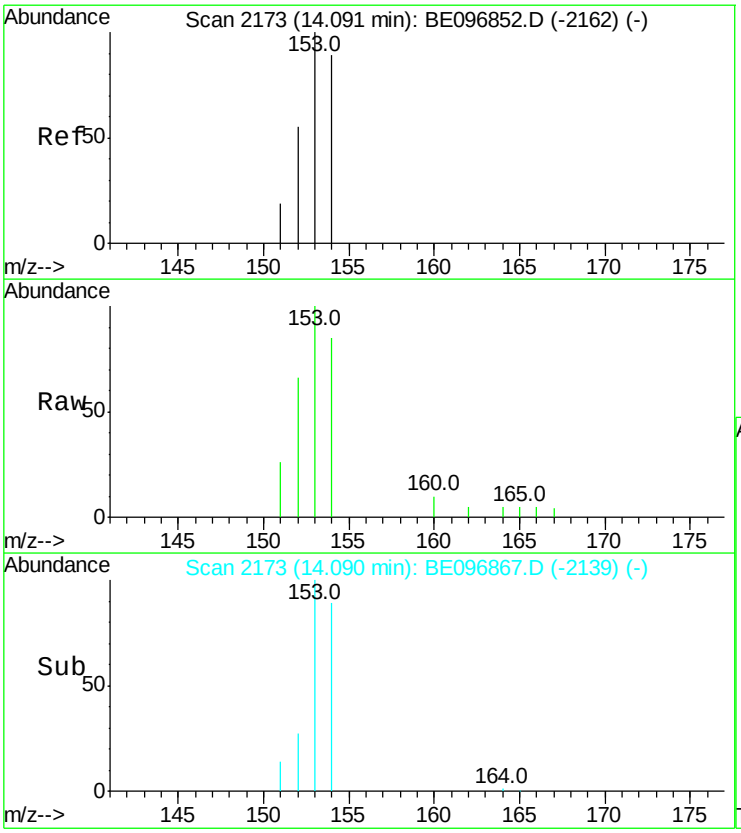
#7
Acenaphthylene
Concen: 1.298 ng/ul
RT: 13.74 min Scan# 2114
Delta R.T. 0.01 min
Lab File: BE096867.D
Acq: 6 Jul 2018 23:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 69109

Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.1	25.7
153	13.4	12.8	19.2

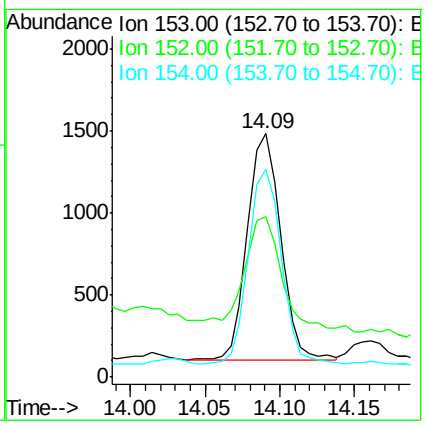


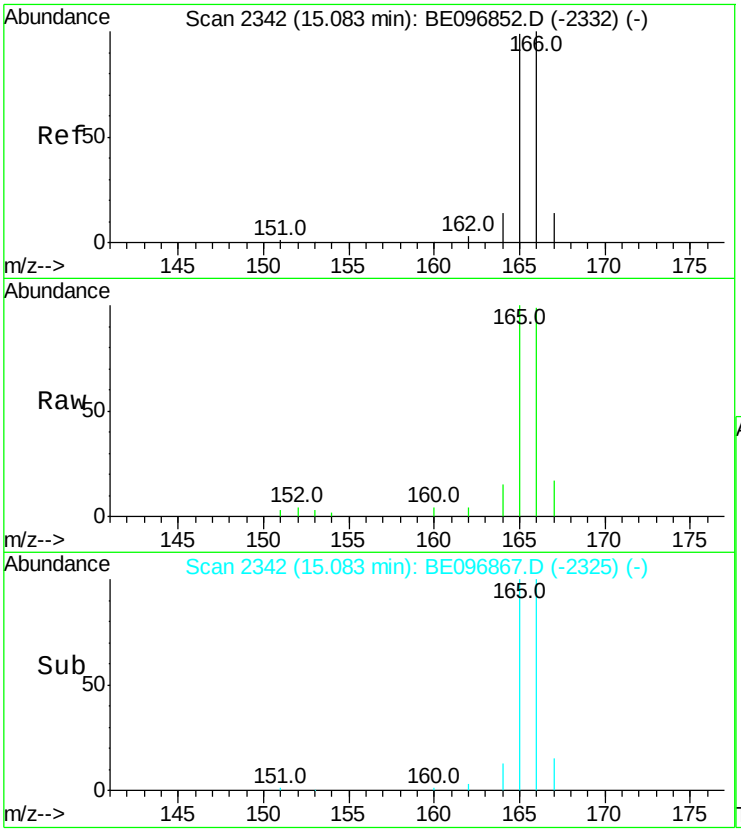


#8
Acenaphthene
Concen: 0.048 ng/ul
RT: 14.09 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BE096867.D
Acq: 6 Jul 2018 23:42

Tgt Ion:153 Resp: 2121

Ion	Ratio	Lower	Upper
153	100		
152	66.1	36.0	54.0#
154	85.2	72.0	108.0



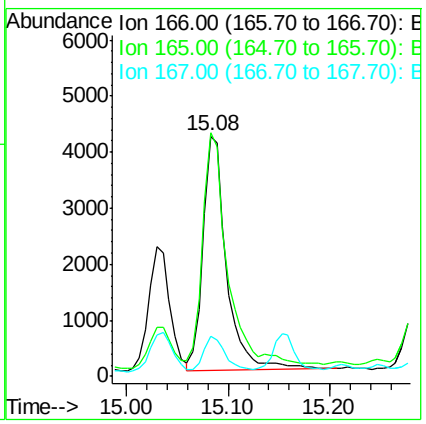


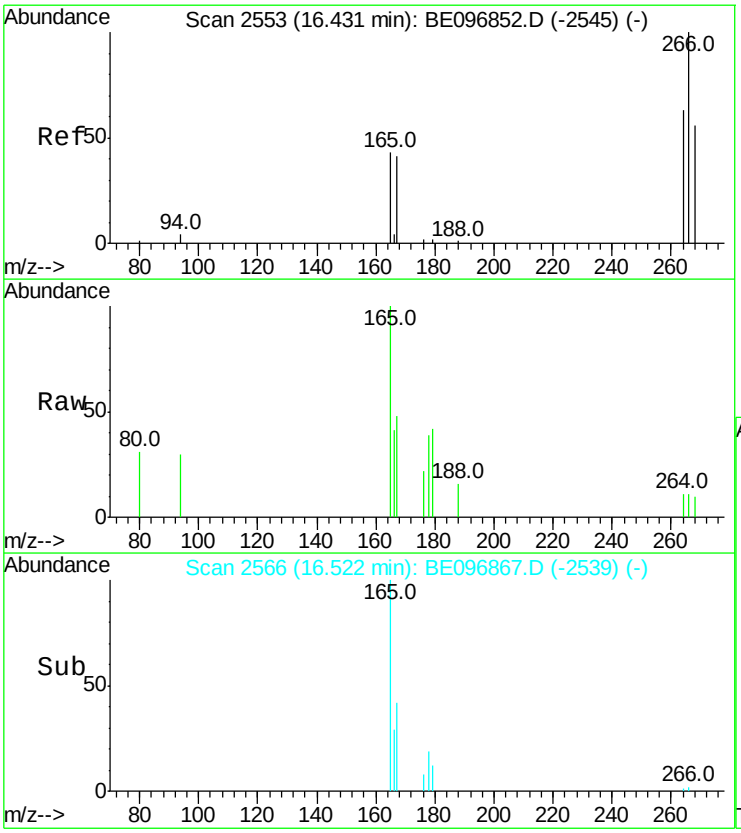
#9
Fluorene
Concen: 0.147 ng/ul
RT: 15.08 min Scan# 2342
Delta R.T. -0.00 min
Lab File: BE096867.D
Acq: 6 Jul 2018 23:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 6645

Ion	Ratio	Lower	Upper
166	100		
165	101.4	73.4	110.2
167	16.8	14.6	22.0

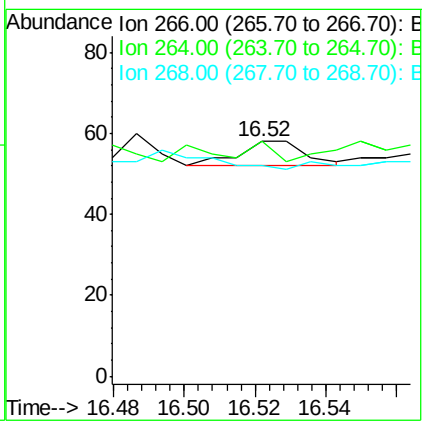


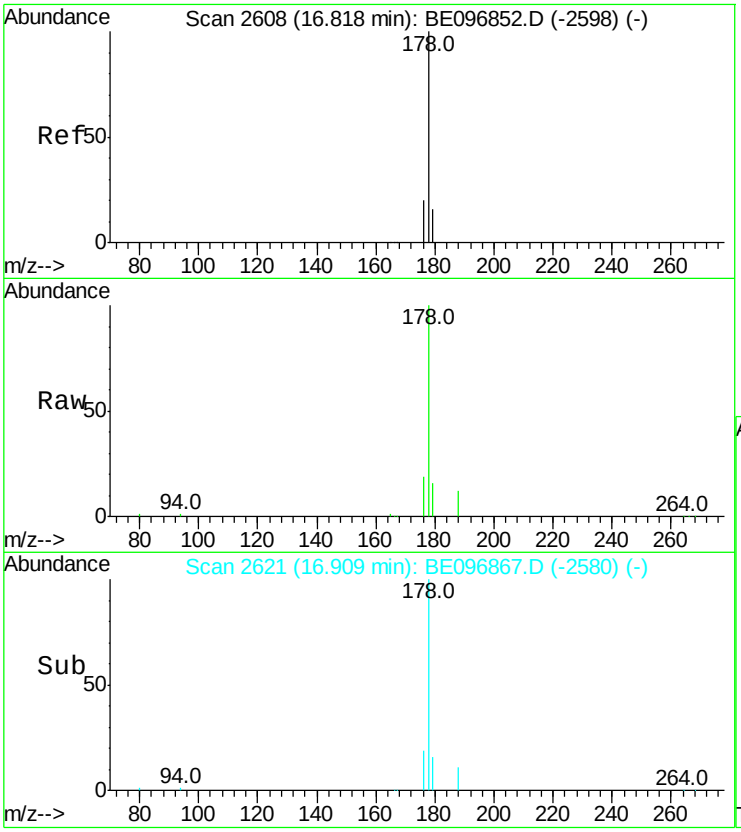


#11
Pentachlorophenol
Concen: 0.000 ng/ul
RT: 16.52 min Scan# 2566
Delta R.T. 0.09 min
Lab File: BE096867.D
Acq: 6 Jul 2018 23:42

Tgt Ion:266 Resp: 8

Ion	Ratio	Lower	Upper
266	100		
264	25.0	47.9	71.9#
268	0.0	49.8	74.8#



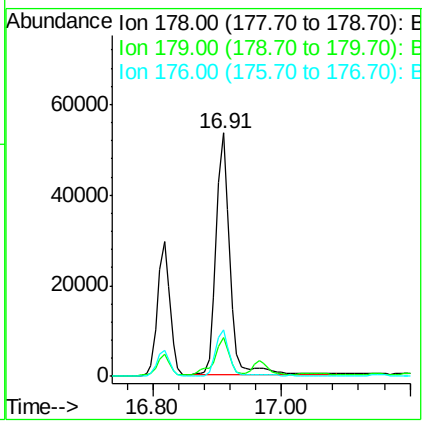


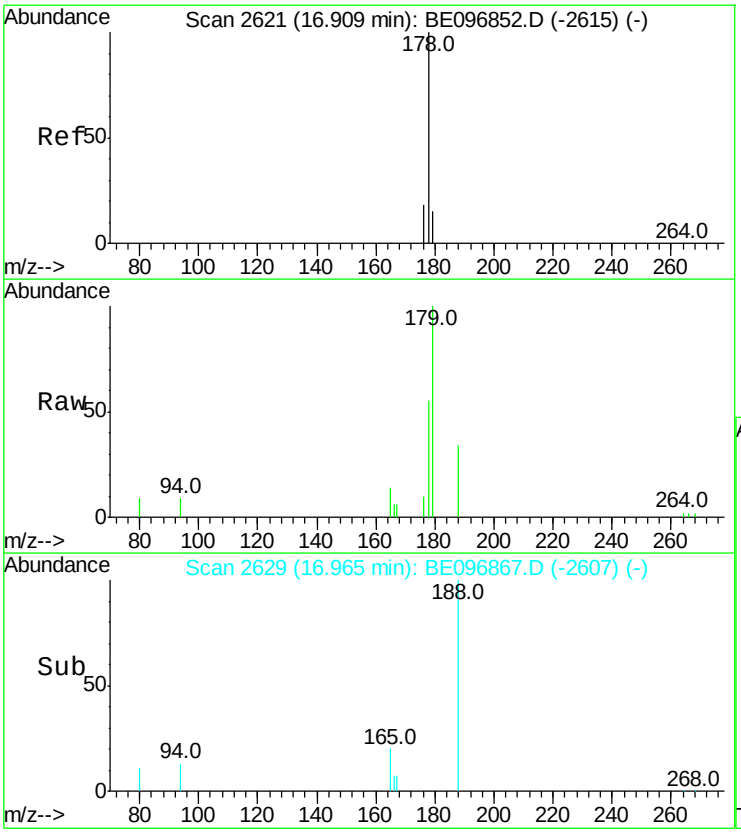
#12
Phenanthrene
Concen: 0.020 ng/ul
RT: 16.91 min Scan# 2621
Delta R.T. 0.09 min
Lab File: BE096867.D
Acq: 6 Jul 2018 23:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 80877

Ion	Ratio	Lower	Upper
178	100		
179	15.9	18.4	27.6#
176	18.9	13.6	20.4

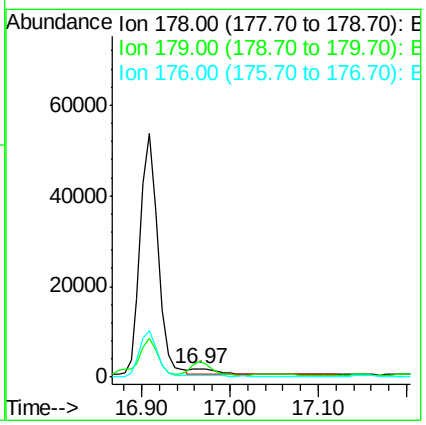


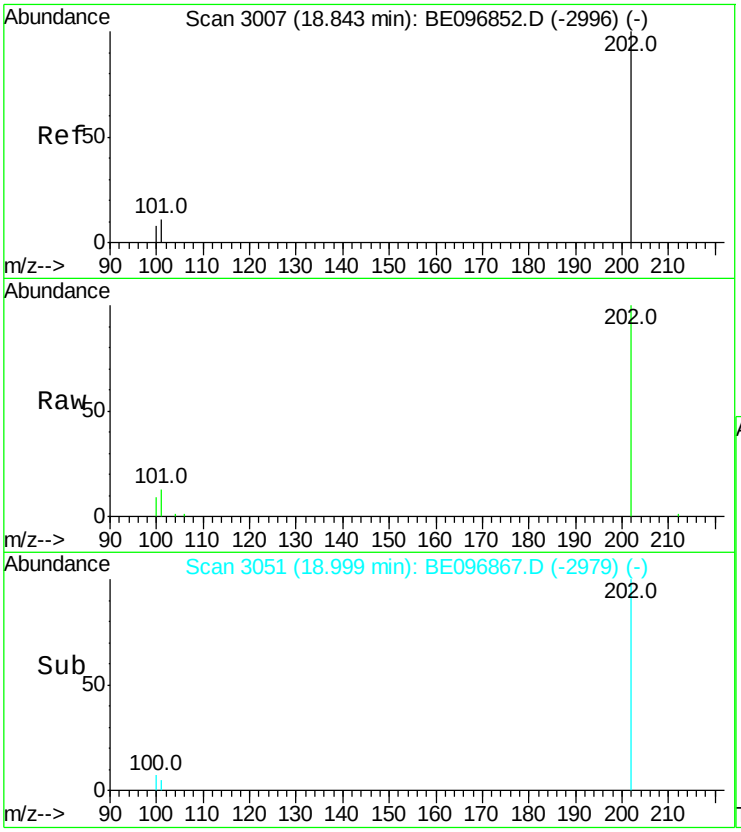


#13
Anthracene
Concen: 0.001 ng/ul
RT: 16.97 min Scan# 2629
Delta R.T. 0.06 min
Lab File: BE096867.D
Acq: 6 Jul 2018 23:42

Tgt Ion:178 Resp: 3804

Ion	Ratio	Lower	Upper
178	100		
179	181.5	18.1	27.1#
176	18.0	14.7	22.1



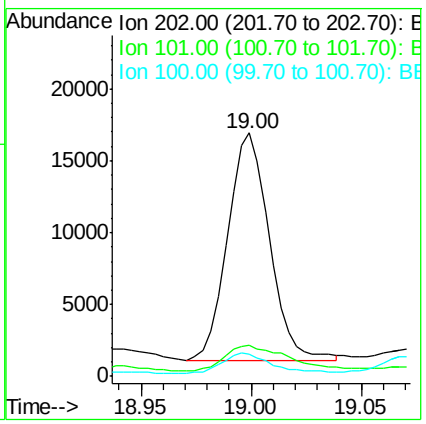


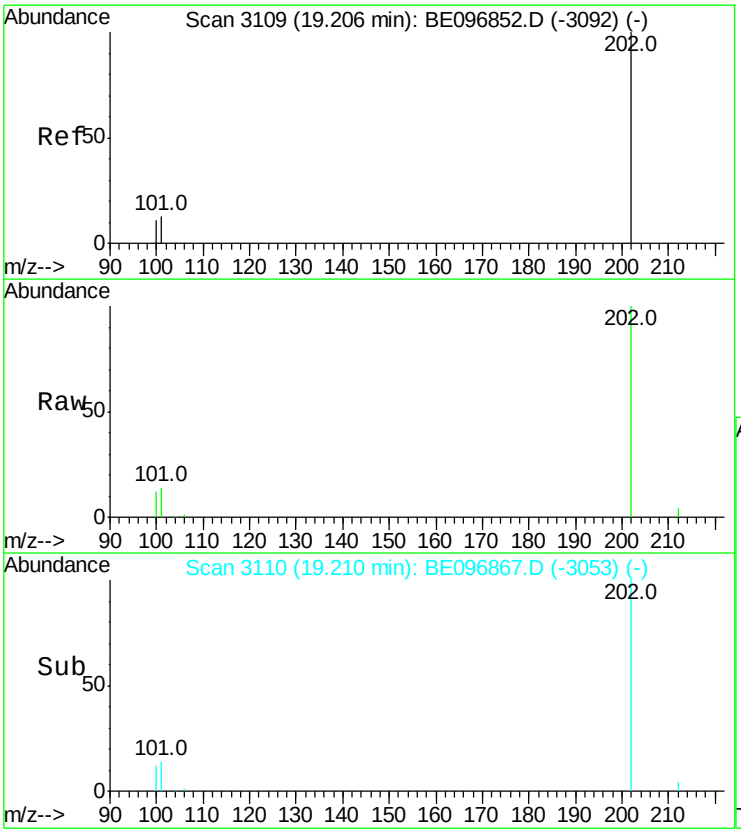
#15
Fluoranthene
Concen: 0.005 ng/ul
RT: 19.00 min Scan# 3051
Delta R.T. 0.16 min
Lab File: BE096867.D
Acq: 6 Jul 2018 23:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 20800

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	30.3
100	9.1	0.0	39.5

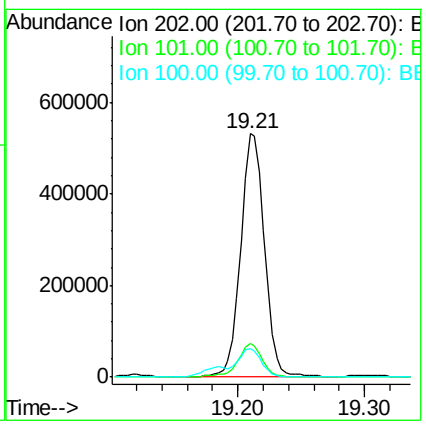


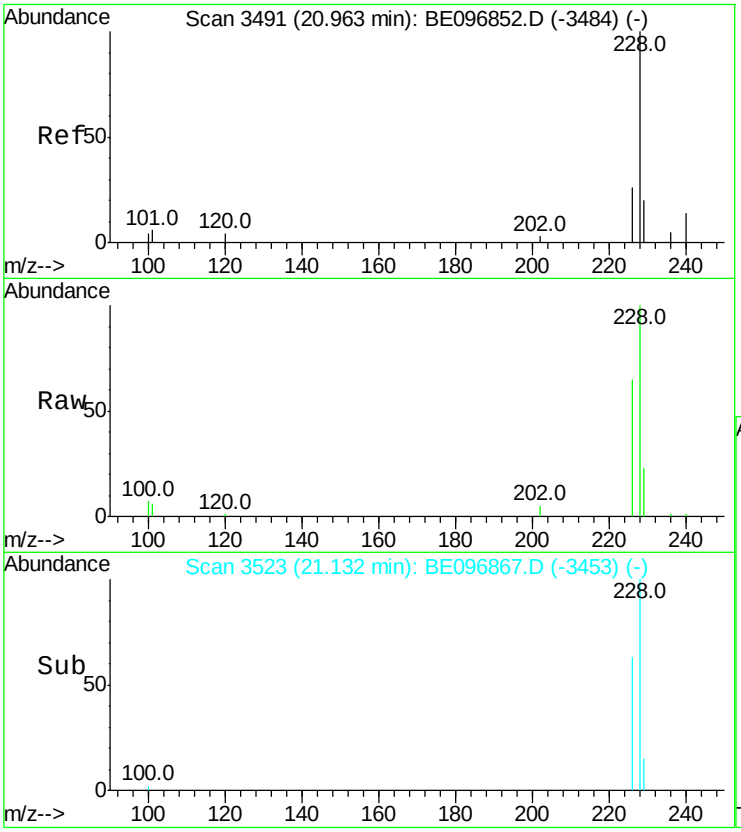


#17
Pyrene
Concen: 242.528 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BE096867.D
Acq: 6 Jul 2018 23:42

Tgt Ion:202 Resp: 693404

Ion	Ratio	Lower	Upper
202	100		
101	13.8	18.2	27.4#
100	11.8	15.6	23.4#



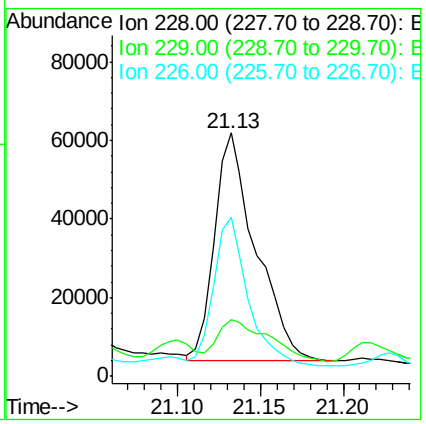


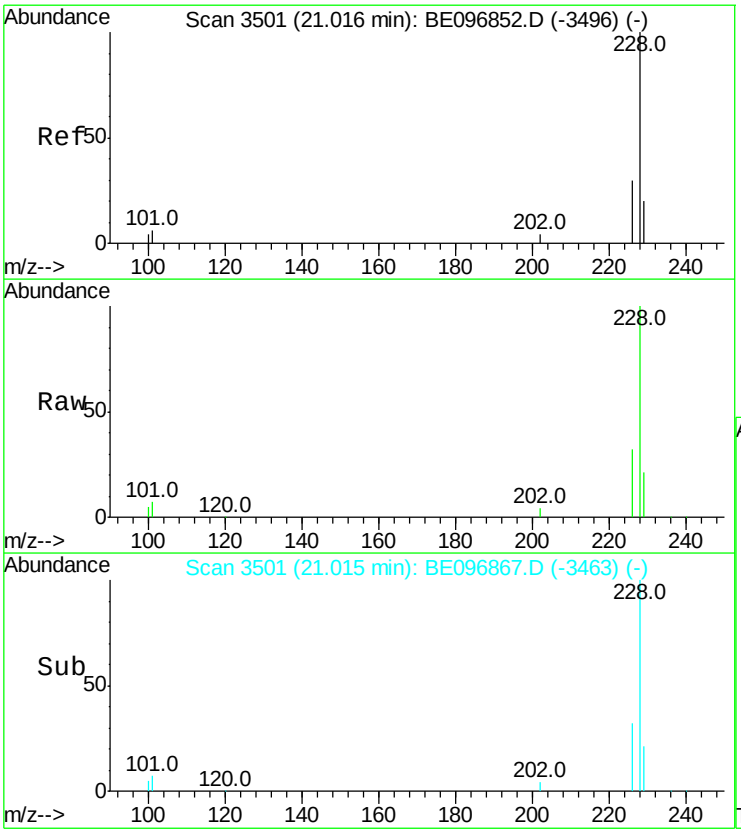
#18
Benzo(a)anthracene
Concen: 48.941 ng/ul
RT: 21.13 min Scan# 3523
Delta R.T. 0.17 min
Lab File: BE096867.D
Acq: 6 Jul 2018 23:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 100545

Ion	Ratio	Lower	Upper
228	100		
229	23.5	22.8	34.2
226	65.4	17.0	25.6#

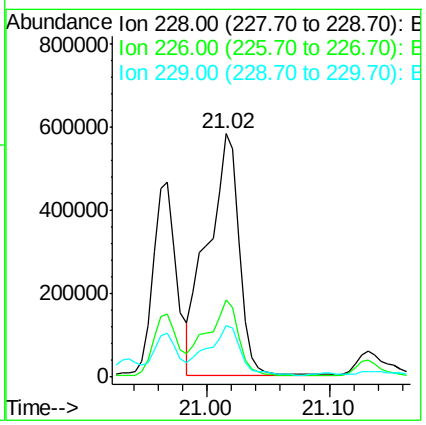


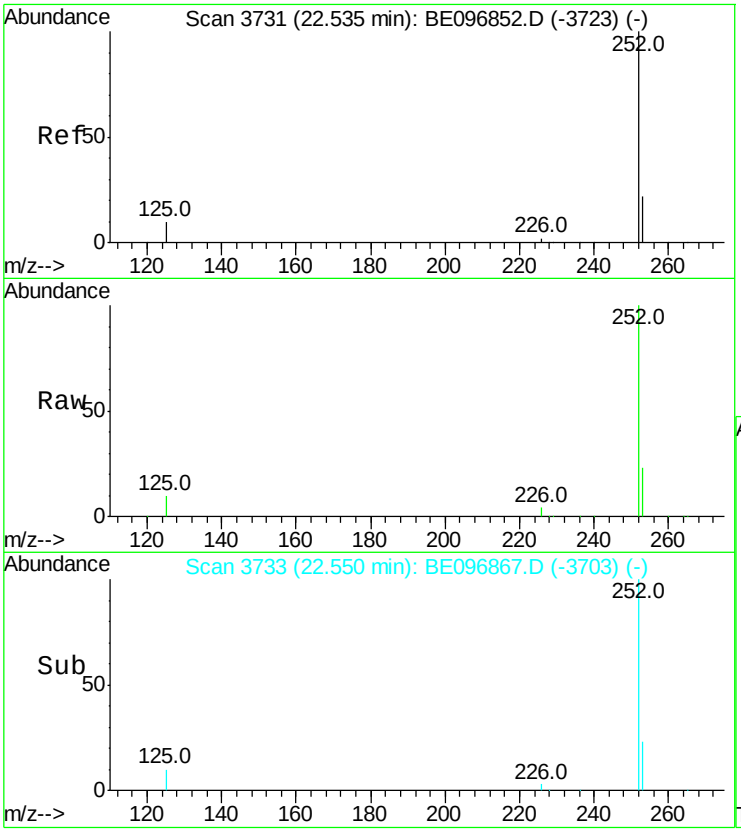


#19
Chrysene
Concen: 384.705 ng/ul
RT: 21.02 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE096867.D
Acq: 6 Jul 2018 23:42

Tgt Ion:228 Resp: 1023925

Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.4	35.0
229	21.3	17.7	26.5



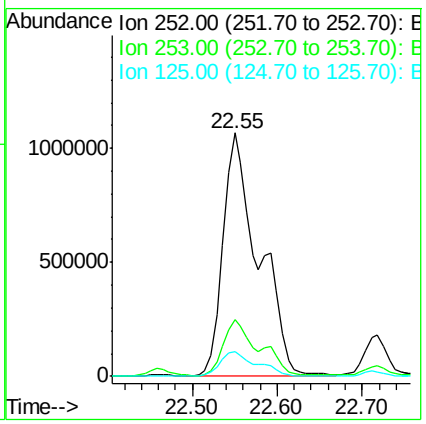


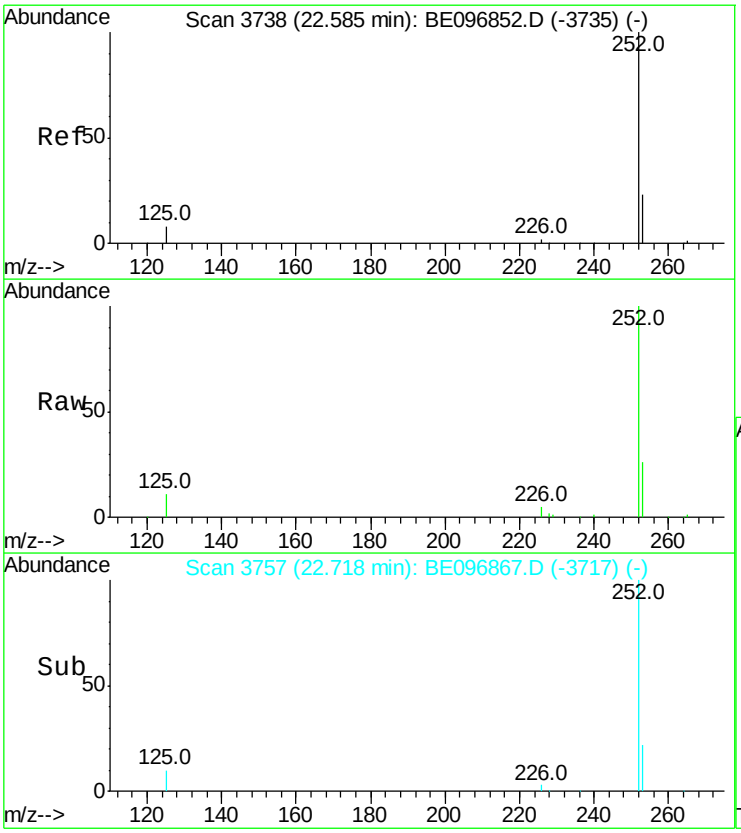
#21
Benzo(b)fluoranthene
Concen: 205.312 ng/ul
RT: 22.55 min Scan# 3733
Delta R.T. 0.01 min
Lab File: BE096867.D
Acq: 6 Jul 2018 23:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 3100442

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	64.2
125	10.0	0.0	35.0

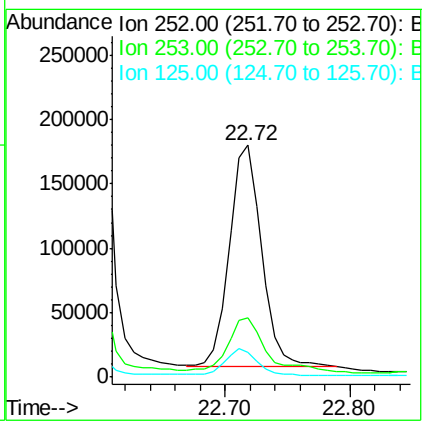


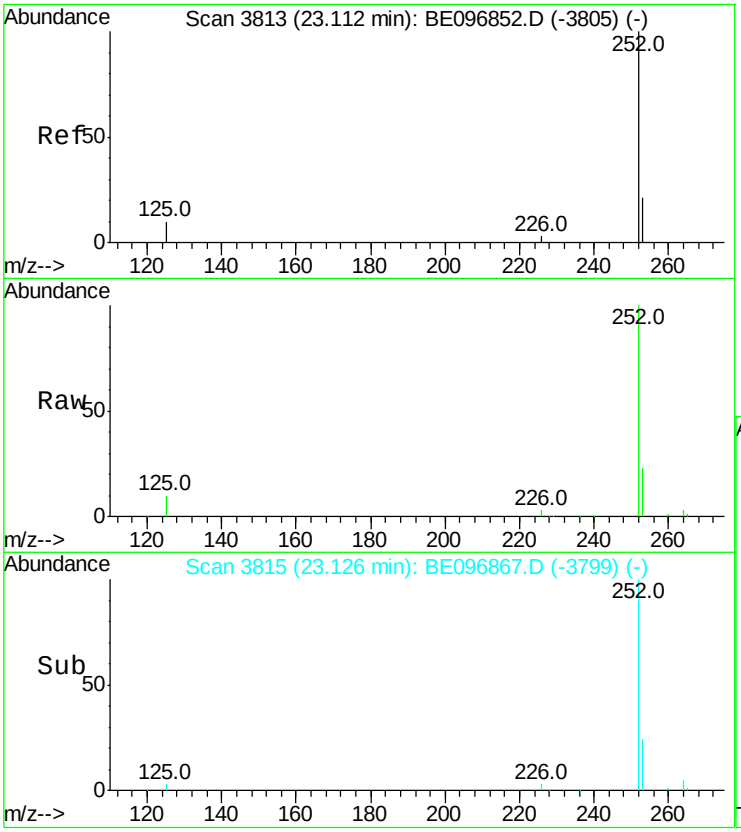


#22
Benzo(k)fluoranthene
Concen: 18.876 ng/ul
RT: 22.72 min Scan# 3757
Delta R.T. 0.13 min
Lab File: BE096867.D
Acq: 6 Jul 2018 23:42

Tgt Ion:252 Resp: 311212

Ion	Ratio	Lower	Upper
252	100		
253	25.8	24.5	36.7
125	10.5	13.7	20.5#



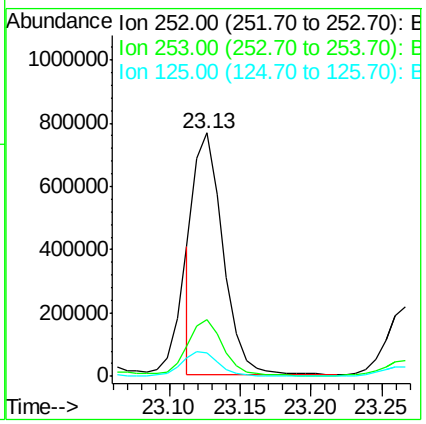


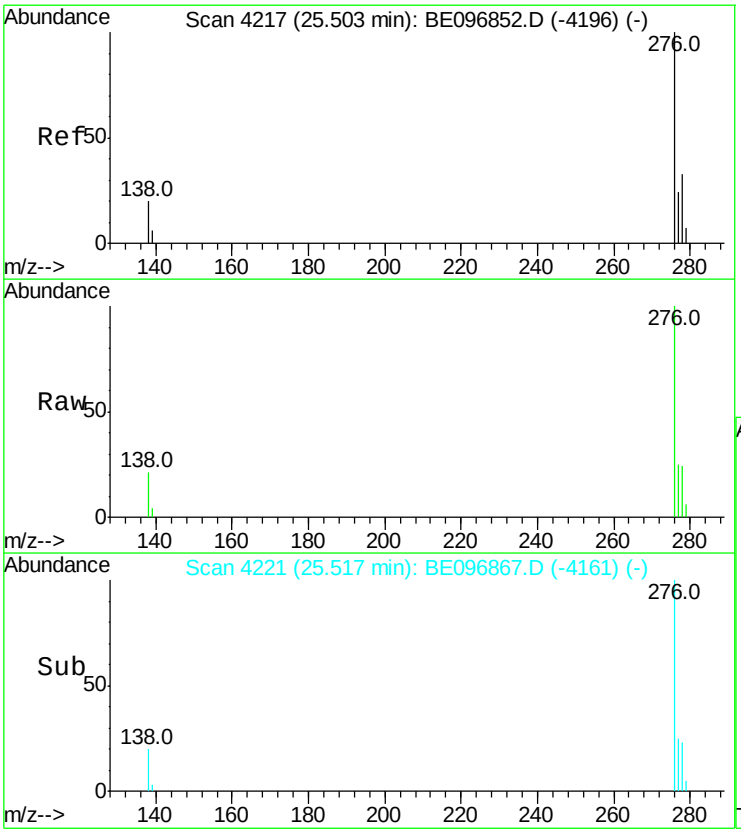
#23
Benzo(a)pyrene
Concen: 83.820 ng/ul
RT: 23.13 min Scan# 3815
Delta R.T. 0.01 min
Lab File: BE096867.D
Acq: 6 Jul 2018 23:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1070639

Ion	Ratio	Lower	Upper
252	100		
253	23.2	28.5	42.7#
125	9.6	18.1	27.1#

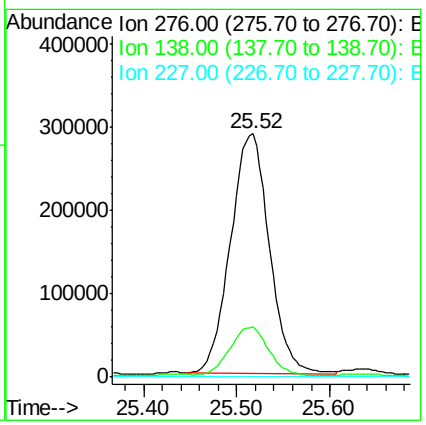


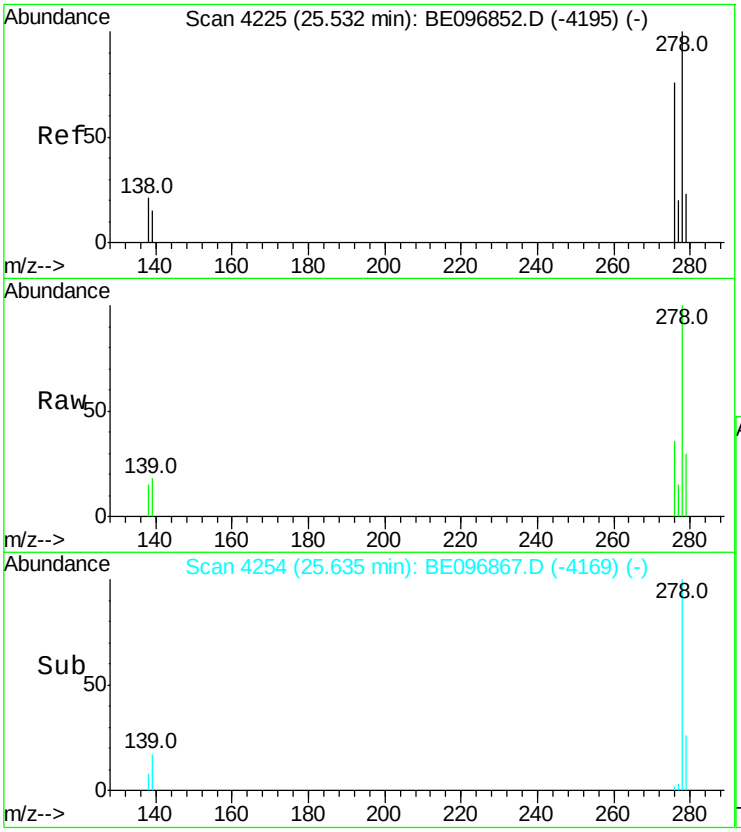


#24
Indeno(1,2,3-cd)pyrene
Concen: 62.972 ng/ul
RT: 25.52 min Scan# 4221
Delta R.T. 0.01 min
Lab File: BE096867.D
Acq: 6 Jul 2018 23:42

Tgt Ion:276 Resp: 834949

Ion	Ratio	Lower	Upper
276	100		
138	20.6	28.0	42.0#
227	0.0	8.0	12.0#



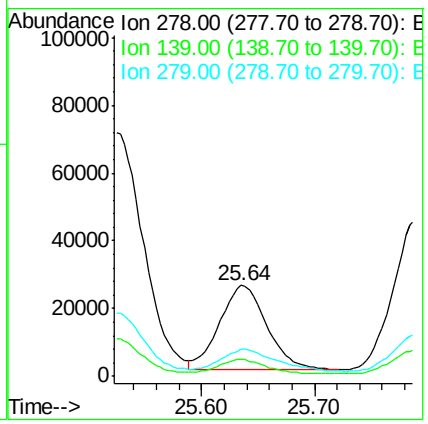


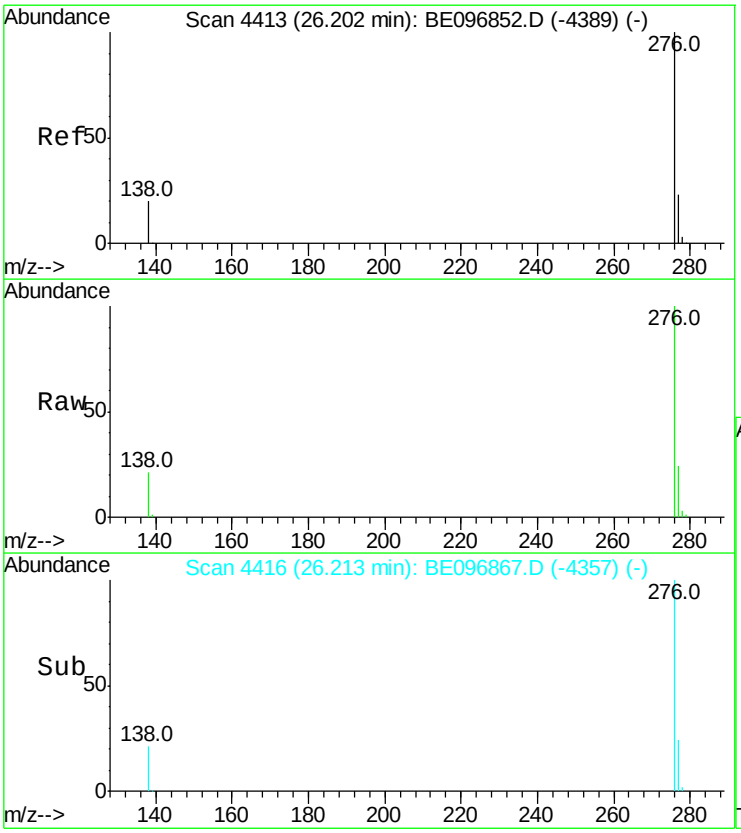
#25
Dibenzo(a,h)anthracene
Concen: 6.827 ng/ul
RT: 25.64 min Scan# 4254
Delta R.T. 0.10 min
Lab File: BE096867.D
Acq: 6 Jul 2018 23:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 71908

Ion	Ratio	Lower	Upper
278	100		
139	18.5	17.4	26.0
279	29.7	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 51.447 ng/ul
RT: 26.21 min Scan# 4416
Delta R.T. 0.01 min
Lab File: BE096867.D
Acq: 6 Jul 2018 23:42

Tgt Ion:276 Resp: 662119

Ion	Ratio	Lower	Upper
276	100		
138	21.0	21.8	32.8#
277	24.3	20.5	30.7