Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM063016\
Data File : BM006155.D
Acq On : 30 Jun 2016 11:58
Operator : UM/SJ
Sample : H3779-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YE0

Quant Time: Jun 30 15:24:55 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	255048	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1158193	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	671792	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1501208	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	1200378	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1105492	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	5940	1.08	ng/uL	0.00
3) Phenol-d5	6.83	99	330853	15.88	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	197592	16.08	ng/ul	0.00
5) 2-Chlorophenol-d4	7.18	132	249698	15.61	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	270044	16.10	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	127477	16.34	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	143937	16.12	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	258698	15.88	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	248591	19.31	ng/ul	0.00
16) Dimethylphthalate-d6	13.71	166	779603	16.19	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1003998	17.18	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	133656	14.63	ng/ul	0.00
21) Fluorene-d10	15.30	176	689719	16.79	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	100732	18.94	ng/ul	0.00
26) Anthracene-d10	17.14	188	1054943	17.52	ng/ul	0.00
30) Pyrene-d10	19.45	212	1062761	21.99	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	739869	16.82	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.09	178	312078	4.39	ng/ul	99
28) Fluoranthene	19.12	202	858059	9.86	ng/ul	99
31) Pyrene	19.48	202	673606	10.64	ng/ul	96
32) Benzo(a)anthracene	21.23	228	315119	5.05	ng/ul	97
33) Chrysene	21.29	228	346629	6.03	ng/ul	97
35) Benzo(b)fluoranthene	22.80	252	436828	7.61	ng/ul	96
36) Benzo(k)fluoranthene	22.80	252	436828	8.12	ng/ul	97
38) Benzo(a)pyrene	23.37	252	286700	5.29	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.68	276	234418	4.16	ng/ul#	93
40) Dibenzo(a,h)anthracene	25.68	278	63755	1.37	ng/ul#	88
41) Benzo(g,h,i)perylene	26.36	276	215346	4.57	ng/ul	100

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

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Instrument :
BNA_M
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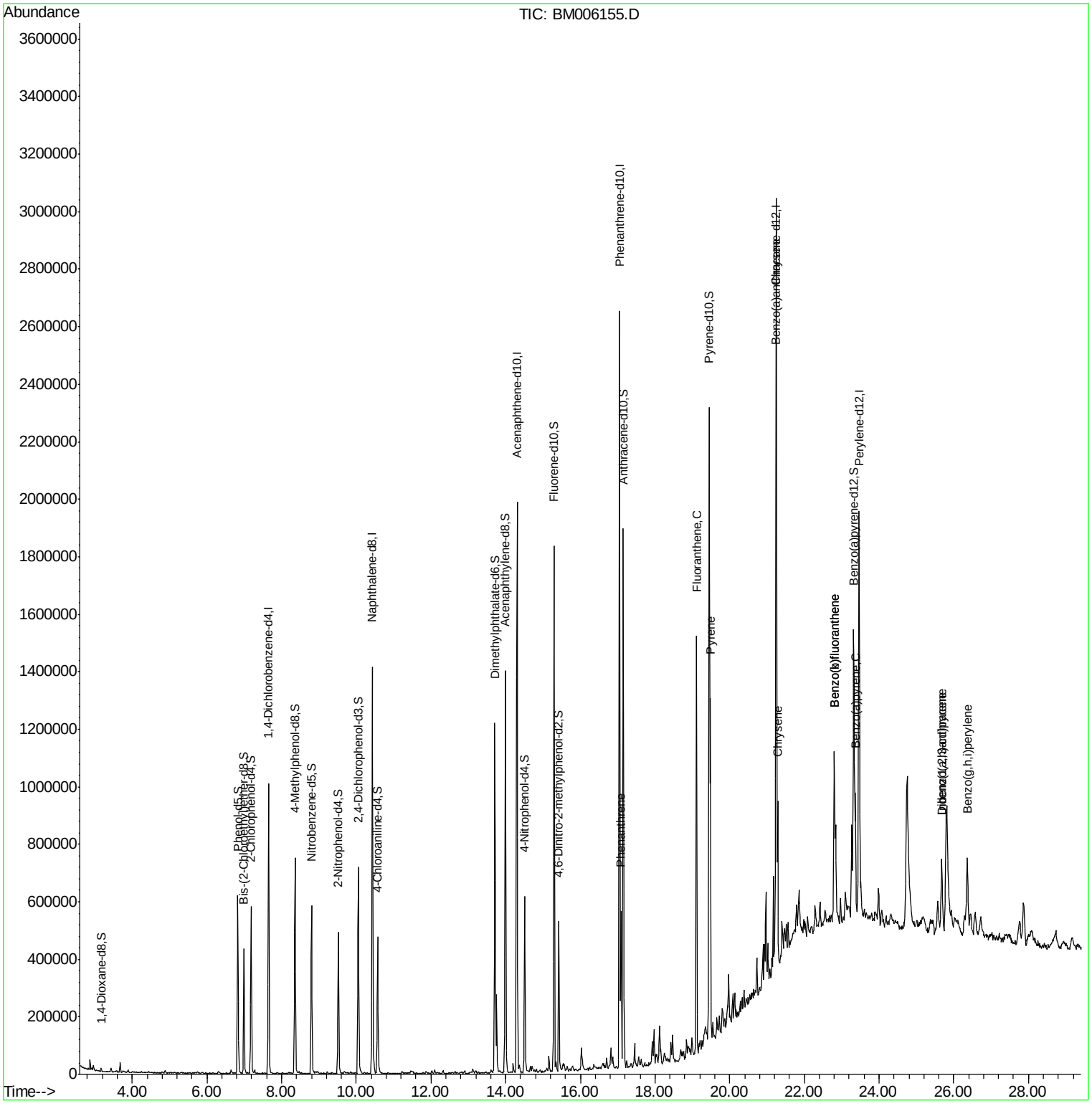
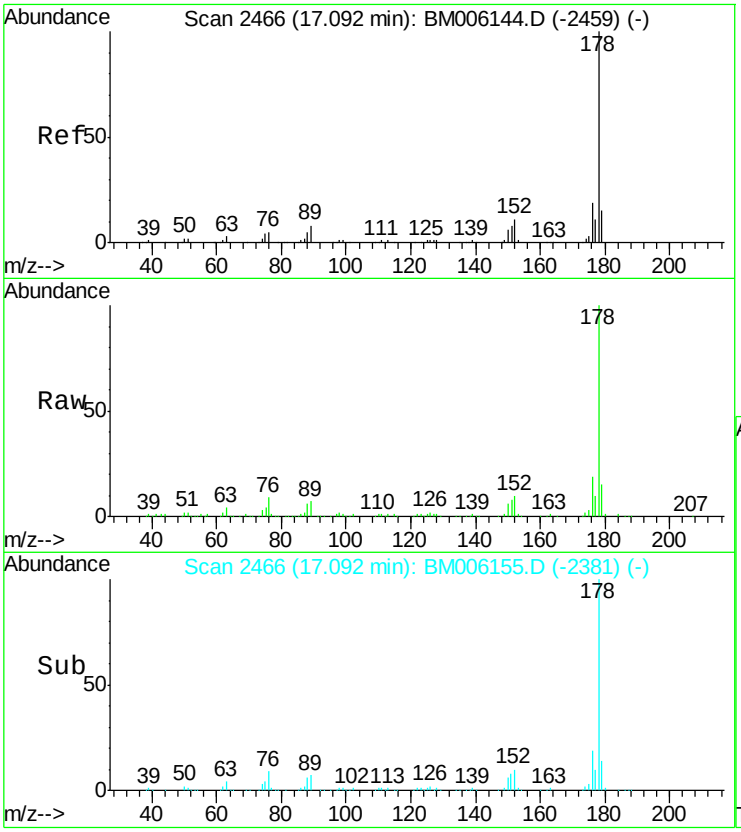


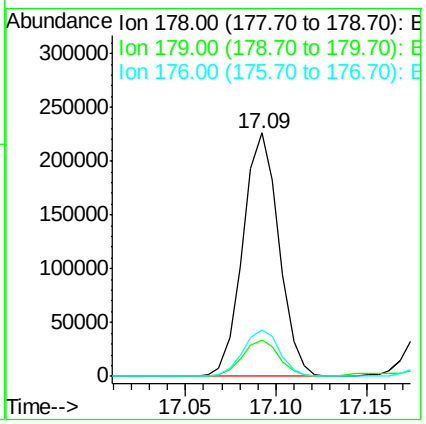


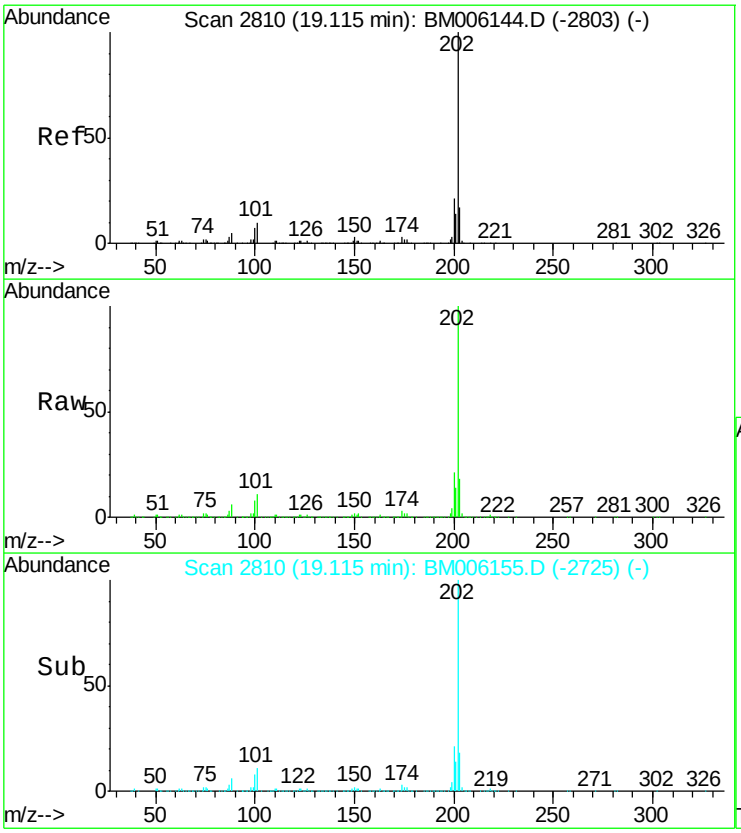
#25
Phenanthrene
Concen: 4.39 ng/ul
RT: 17.09 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BM006155.D
Acq: 30 Jun 2016 11:58

Instrument :
BNA_M
ClientSampleId :
D9YE0

Tgt Ion:178 Resp: 312078

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.2	18.2
176	19.0	15.3	22.9

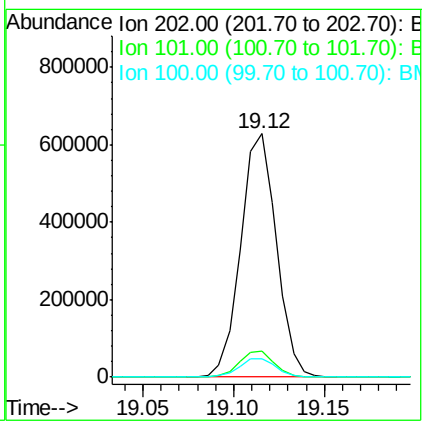


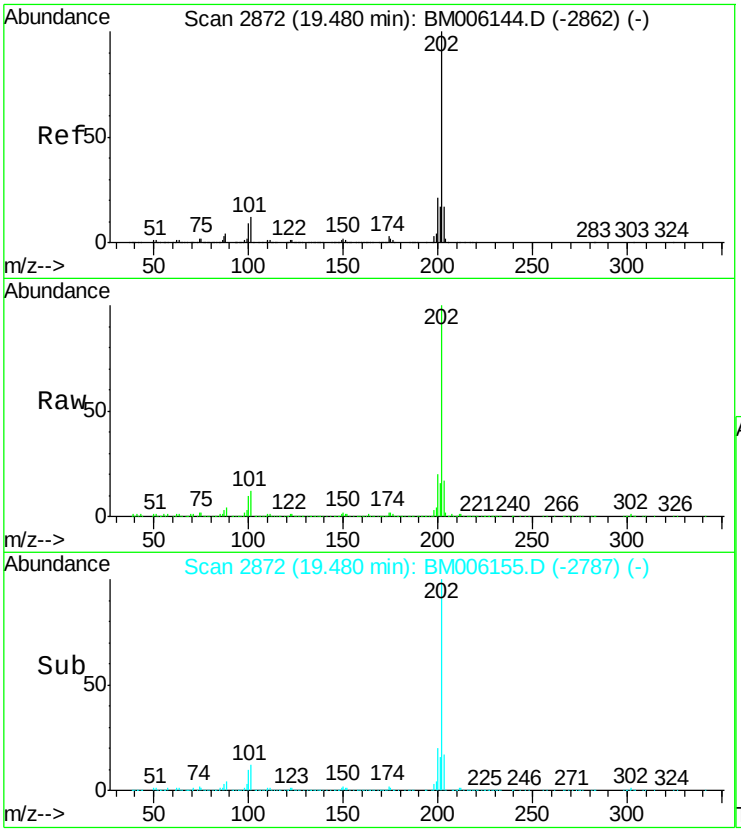


#28
Fluoranthene
Concen: 9.86 ng/ul
RT: 19.12 min Scan# 2810
Delta R.T. 0.00 min
Lab File: BM006155.D
Acq: 30 Jun 2016 11:58

Tgt Ion:202 Resp: 858059

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.5	12.7
100	7.8	6.5	9.7



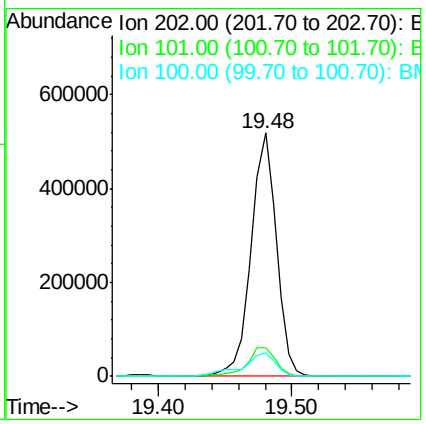


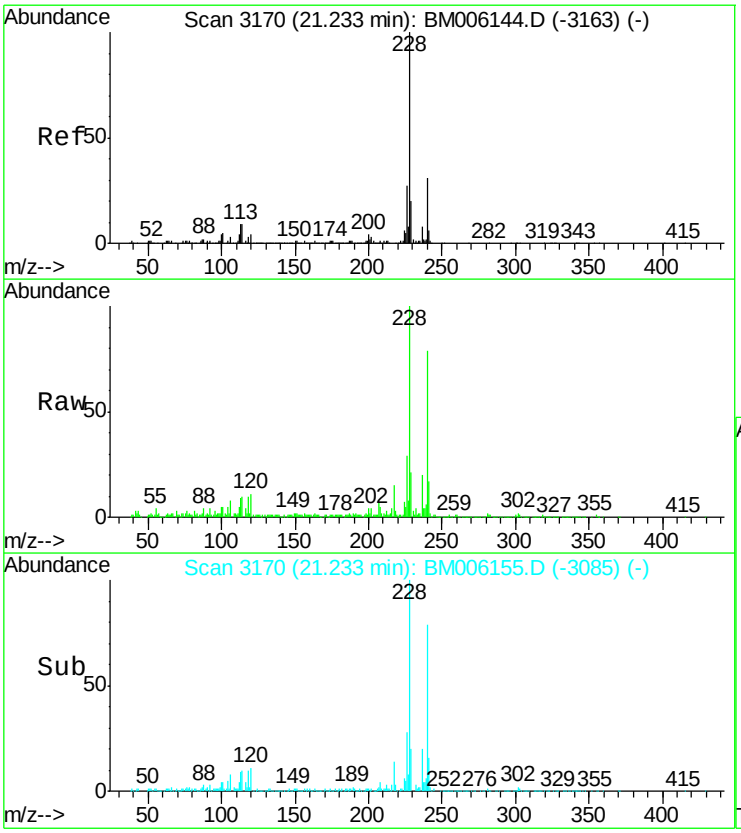
#31
Pyrene
Concen: 10.64 ng/ul
RT: 19.48 min Scan# 2872
Delta R.T. 0.00 min
Lab File: BM006155.D
Acq: 30 Jun 2016 11:58

Instrument :
BNA_M
ClientSampleId :
D9YE0

Tgt Ion:202 Resp: 673606

Ion	Ratio	Lower	Upper
202	100		
101	11.9	11.0	16.4
100	9.9	8.9	13.3

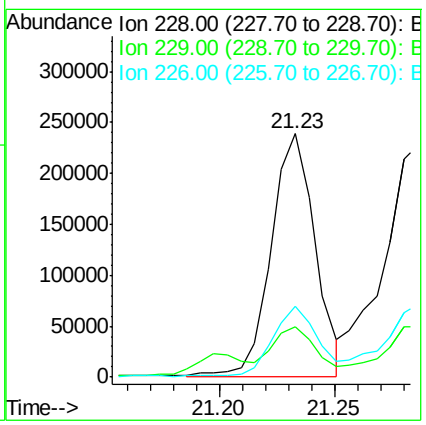


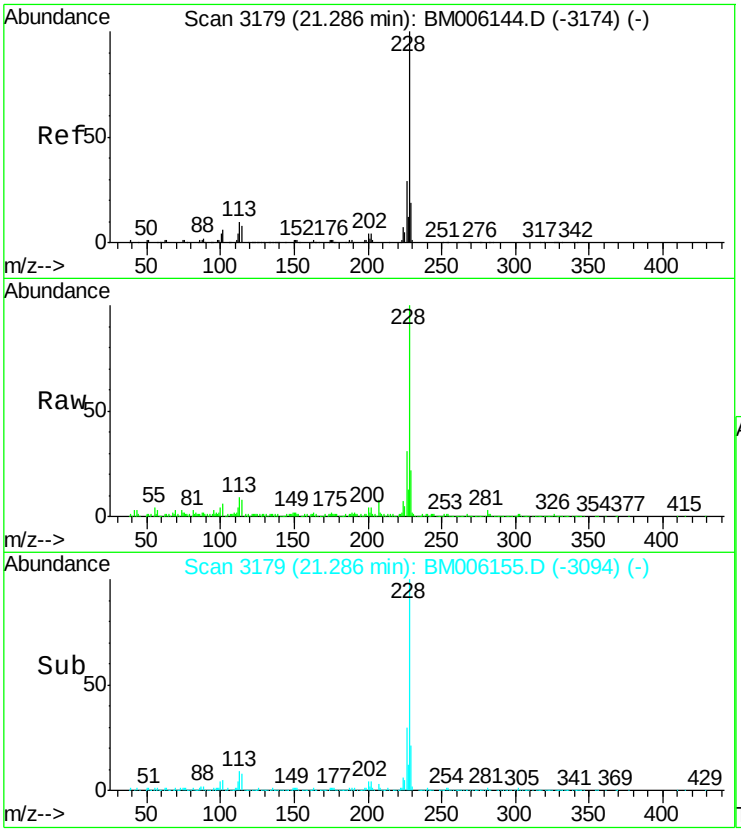


#32
Benzo(a)anthracene
Concen: 5.05 ng/ul
RT: 21.23 min Scan# 3170
Delta R.T. 0.00 min
Lab File: BM006155.D
Acq: 30 Jun 2016 11:58

Tgt Ion:228 Resp: 315119

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.6	23.4
226	28.9	21.6	32.4



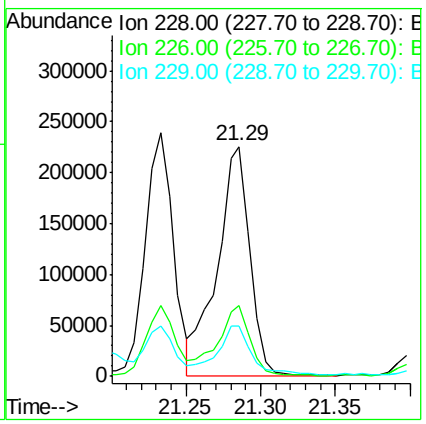


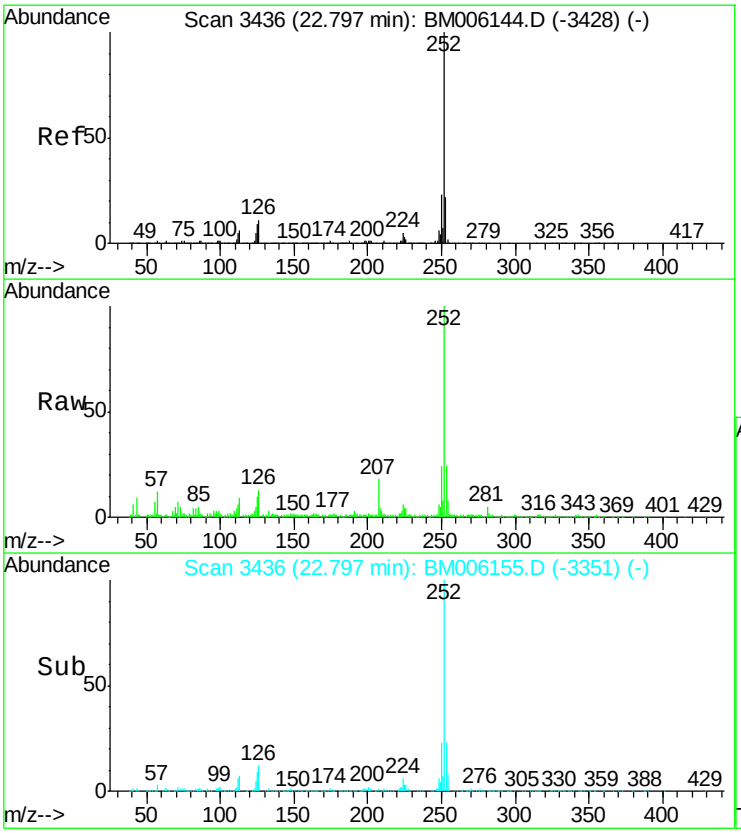
#33
Chrysene
Concen: 6.03 ng/ul
RT: 21.29 min Scan# 3179
Delta R.T. 0.00 min
Lab File: BM006155.D
Acq: 30 Jun 2016 11:58

Instrument :
BNA_M
ClientSampleId :
D9YE0

Tgt Ion:228 Resp: 346629

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.8	35.6
229	21.8	15.8	23.6

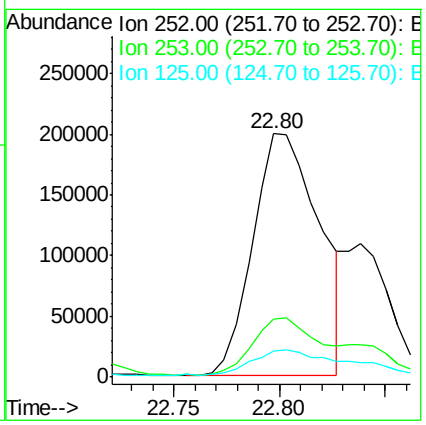


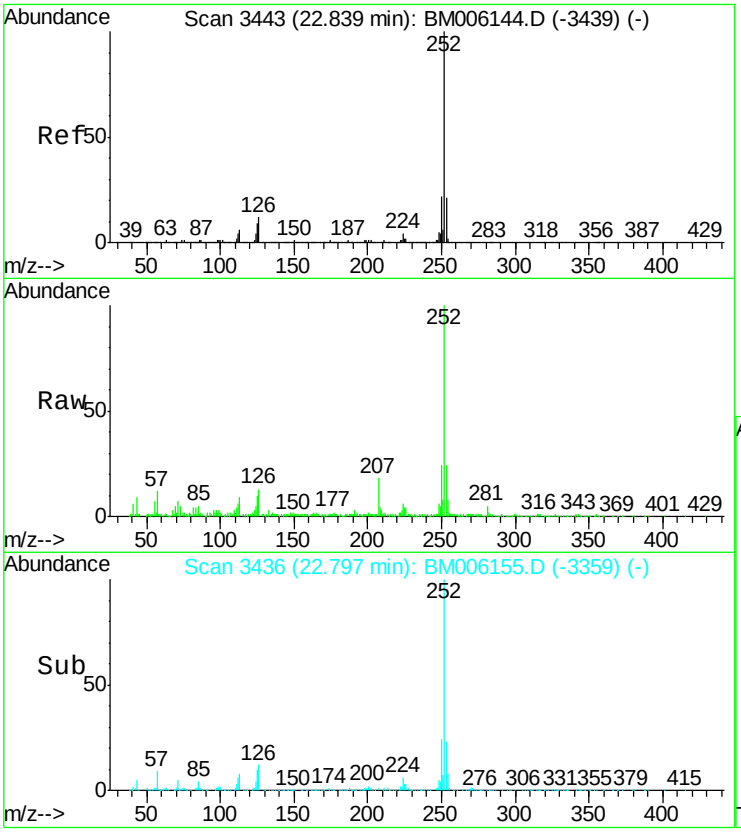


#35
Benzo(b)fluoranthene
Concen: 7.61 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. 0.00 min
Lab File: BM006155.D
Acq: 30 Jun 2016 11:58

Tgt Ion:252 Resp: 436828

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	10.4	7.8	11.6



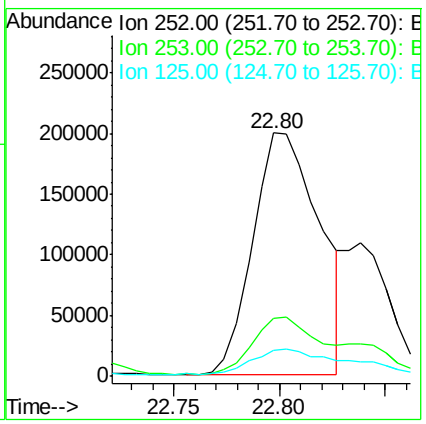


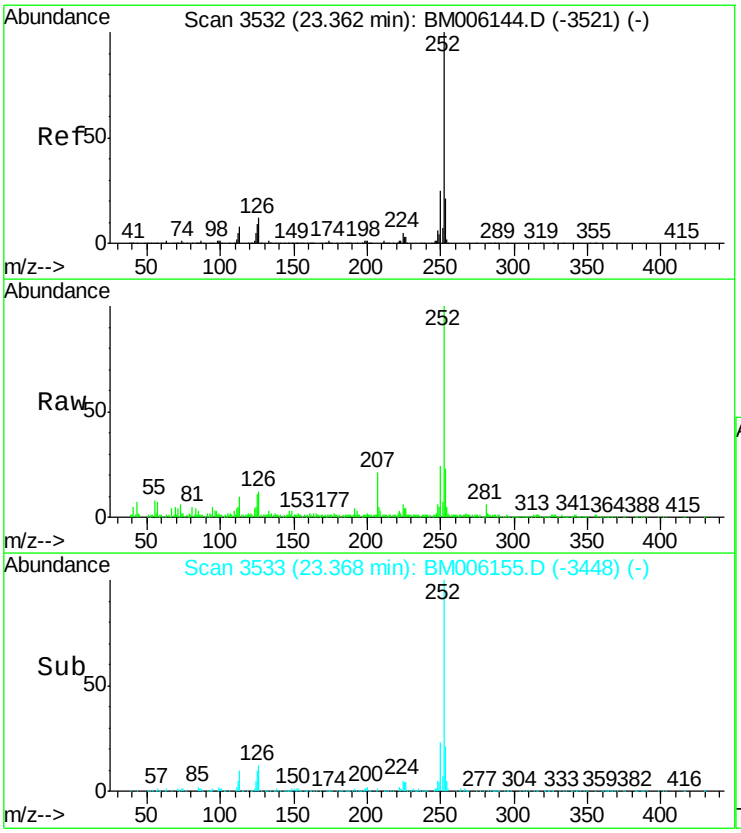
#36
Benzo(k)fluoranthene
Concen: 8.12 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. -0.05 min
Lab File: BM006155.D
Acq: 30 Jun 2016 11:58

Instrument :
BNA_M
ClientSampleId :
D9YE0

Tgt Ion:252 Resp: 436828

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	10.4	8.1	12.1

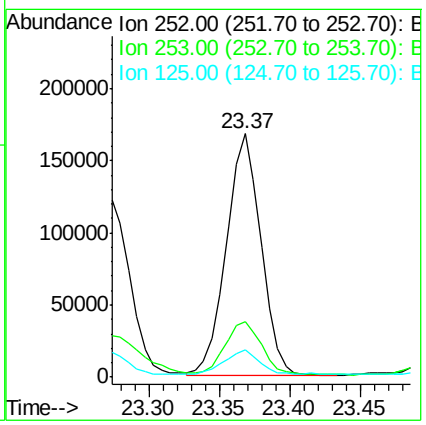


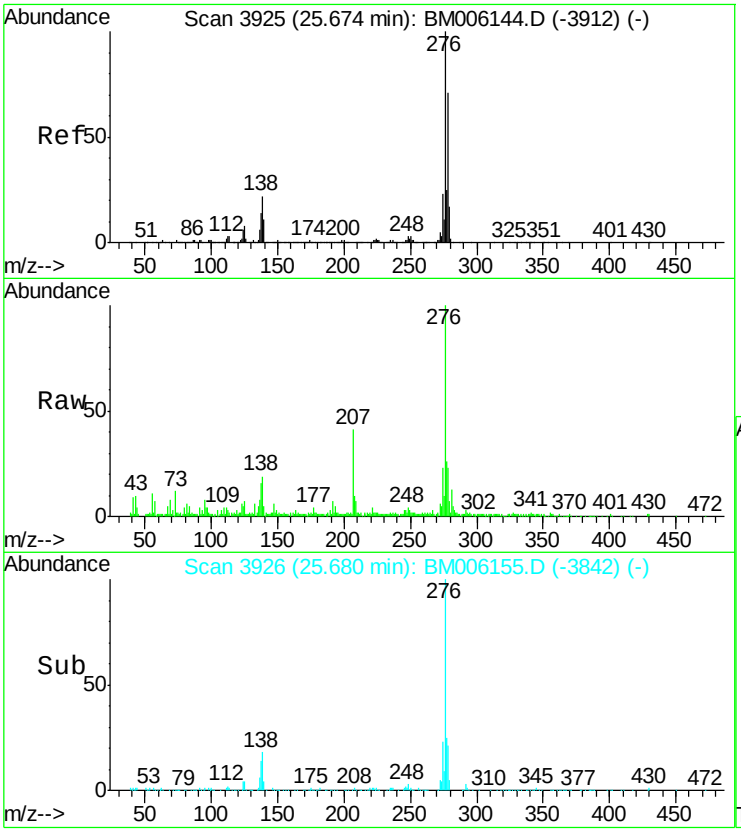


#38
Benzo(a)pyrene
Concen: 5.29 ng/ul
RT: 23.37 min Scan# 3533
Delta R.T. 0.00 min
Lab File: BM006155.D
Acq: 30 Jun 2016 11:58

Tgt Ion:252 Resp: 286700

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	11.1	8.7	13.1



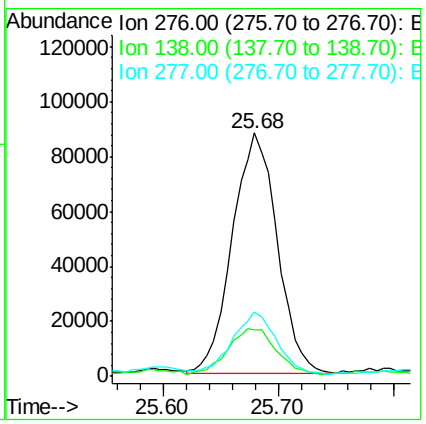


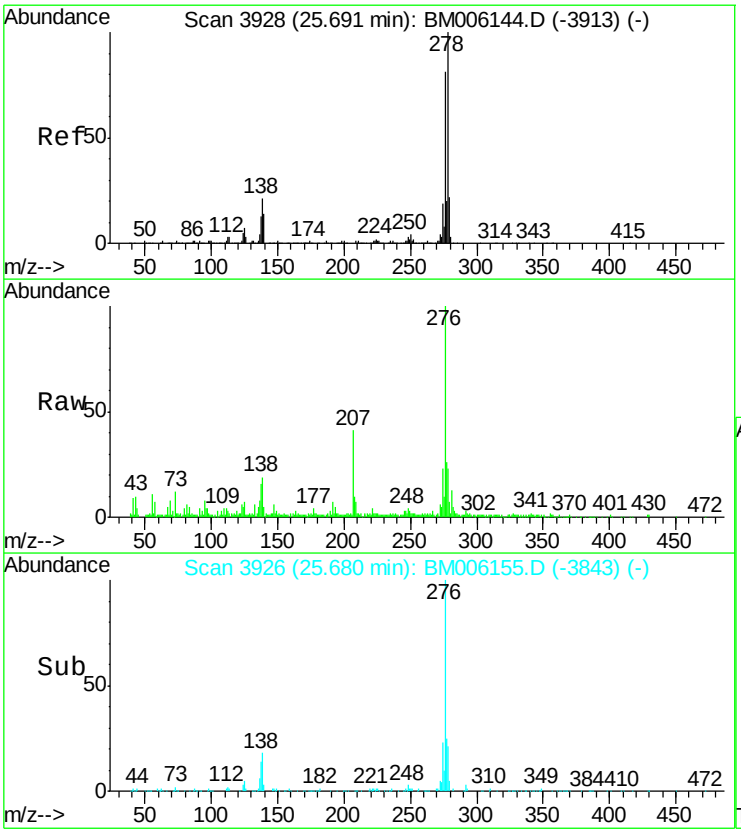
#39
Indeno(1,2,3-cd)pyrene
Concen: 4.16 ng/ul
RT: 25.68 min Scan# 3926
Delta R.T. -0.01 min
Lab File: BM006155.D
Acq: 30 Jun 2016 11:58

Instrument :
BNA_M
ClientSampleId :
D9YE0

Tgt Ion:276 Resp: 234418

Ion	Ratio	Lower	Upper
276	100		
138	19.1	20.4	30.6#
277	26.3	20.6	30.8

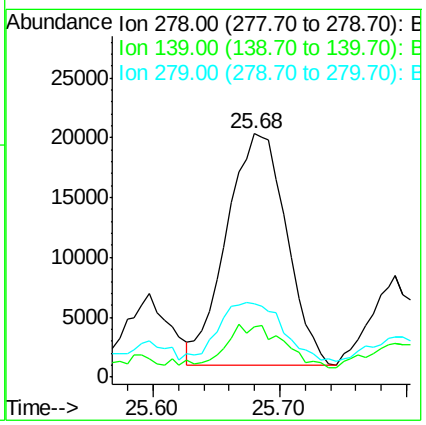


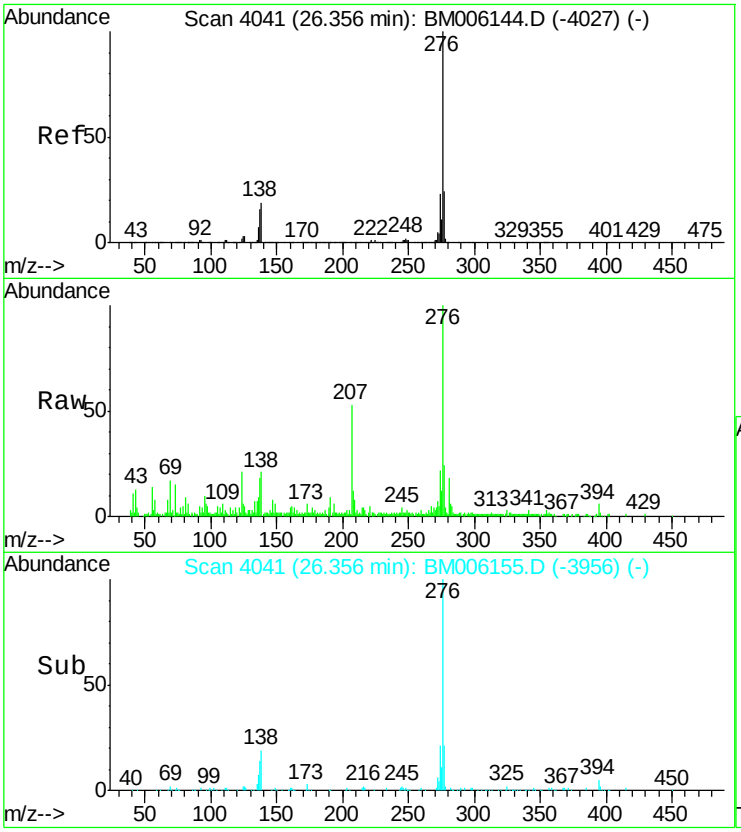


#40
Dibenzo(a,h)anthracene
Concen: 1.37 ng/ul
RT: 25.68 min Scan# 3926
Delta R.T. -0.01 min
Lab File: BM006155.D
Acq: 30 Jun 2016 11:58

Tgt Ion:278 Resp: 63755

Ion	Ratio	Lower	Upper
278	100		
139	20.4	13.0	19.4#
279	30.3	18.8	28.2#





#41
Benzo(g,h,i)perylene
Concen: 4.57 ng/ul
RT: 26.36 min Scan# 4041
Delta R.T. 0.00 min
Lab File: BM006155.D
Acq: 30 Jun 2016 11:58

Instrument :
BNA_M
ClientSampleId :
D9YE0

Tgt Ion:276 Resp: 215346

Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.6	25.0
277	23.5	18.9	28.3