Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012211.D
Acq On : 15 Oct 2017 16:27
Operator : SJ/JU
Sample : I5649-06
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-59(5-7)-100317

Quant Time: Oct 16 02:04:34 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 16 01:56:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	177605	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	801195	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	487200	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1190490	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	964593	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	957618	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	12203	3.27	ng/uL	0.00
5) Phenol-d5	6.99	99	284252	19.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	159171	18.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	258135	21.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	244863	19.74	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	127840	20.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	147271	20.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	311005	22.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	144859	11.35	ng/ul	0.01
43) Dimethylphthalate-d6	13.87	166	964808	22.41	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1214952	23.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	97800	15.11	ng/ul	0.01
57) Fluorene-d10	15.46	176	886319	25.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	26490	3.24	ng/ul	0.02
70) Anthracene-d10	17.32	188	1373213	23.33	ng/ul	0.00
76) Pyrene-d10	19.61	212	1527527	31.20	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1096748	23.76	ng/ul	0.02
Target Compounds						Qvalue
44) Dimethylphthalate	13.92	163	387758	8.988	ng/ul	99
69) Phenanthrene	17.26	178	952830	14.069	ng/ul	99
71) Anthracene	17.34	178	246406	3.514	ng/ul	98
74) Fluoranthene	19.27	202	1726716	21.127	ng/ul#	94
77) Pyrene	19.64	202	1509270	23.692	ng/ul#	94
80) Benzo(a)anthracene	21.38	228	755241	12.033	ng/ul	96
82) Chrysene	21.43	228	736211	12.493	ng/ul	96
85) Benzo(b)fluoranthene	23.01	252	1028940	16.465	ng/ul#	94
86) Benzo(k)fluoranthene	23.01	252	1028940	17.085	ng/ul#	92
88) Benzo(a)pyrene	23.61	252	749390	12.723	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.09	276	532142	8.508	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.09	278	135709	2.581	ng/ul#	75
91) Benzo(g,h,i)perylene	26.83	276	502927	9.817	ng/ul#	92

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
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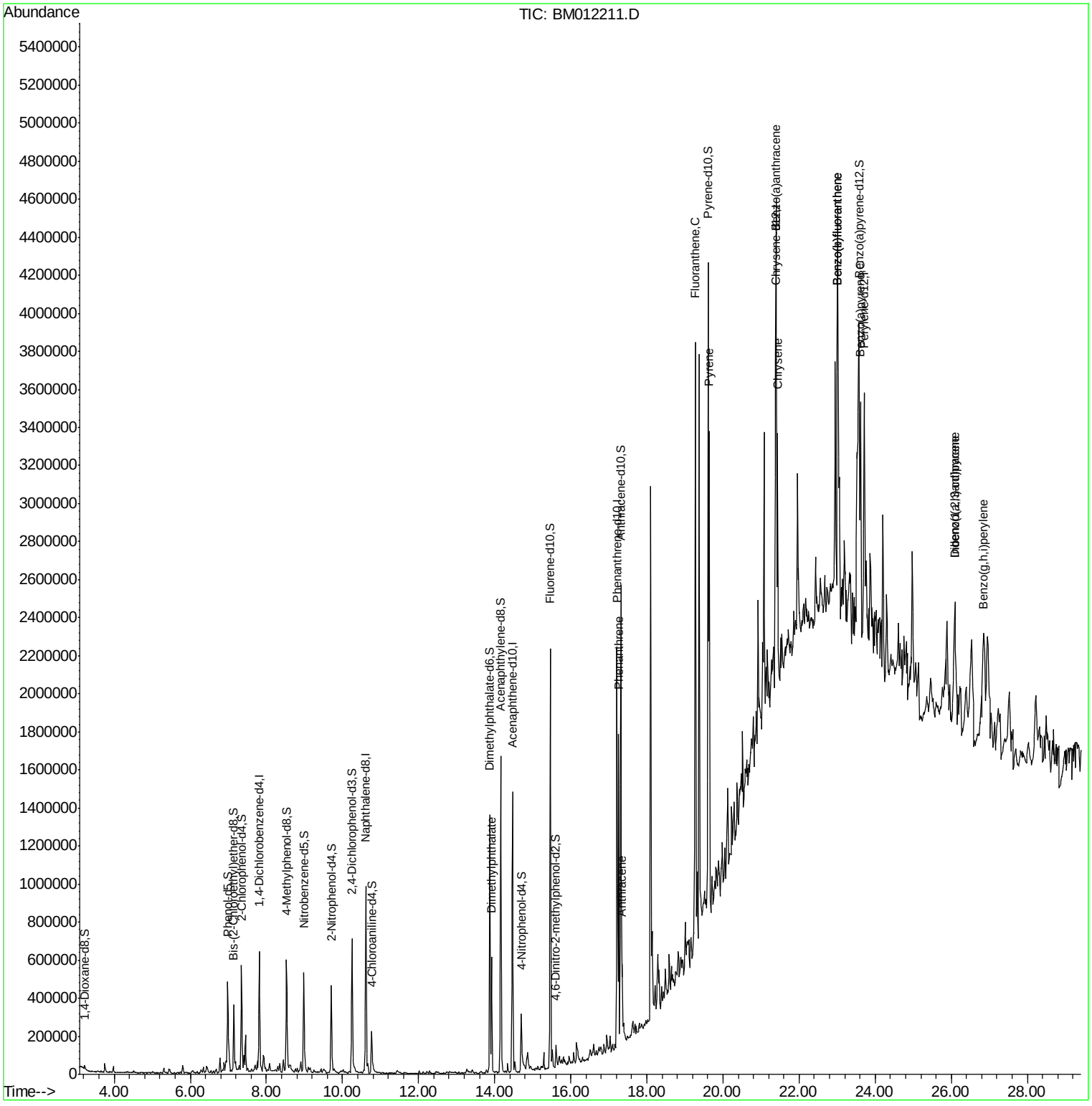
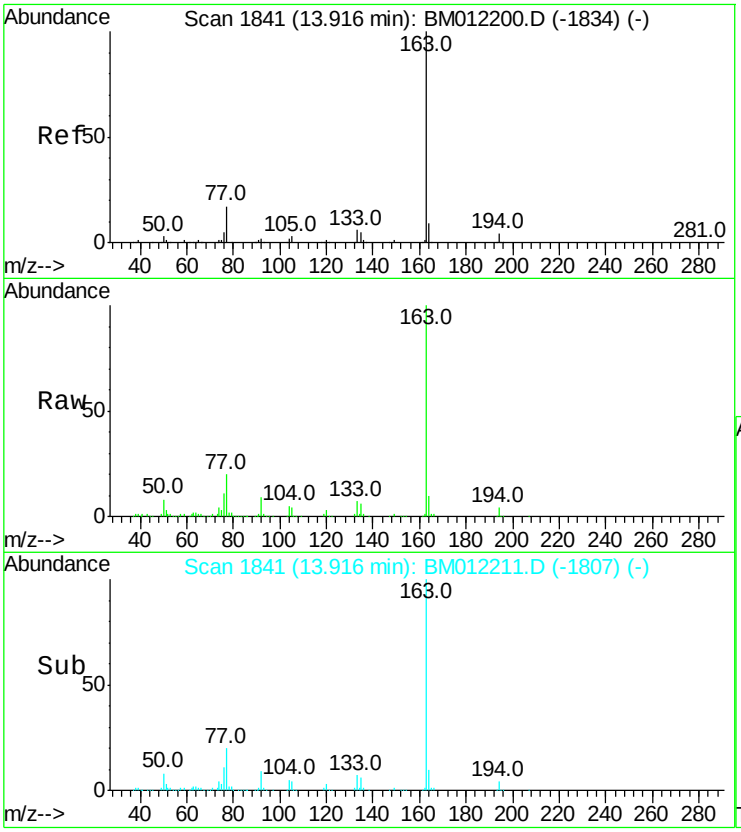
Acq On : 15 Oct 2017 16:27
Operator : SJ/JU
Sample : I5649-06
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-59(5-7)-100317

Quant Time: Oct 16 02:04:34 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 16 01:56:01 2017
Response via : Initial Calibration



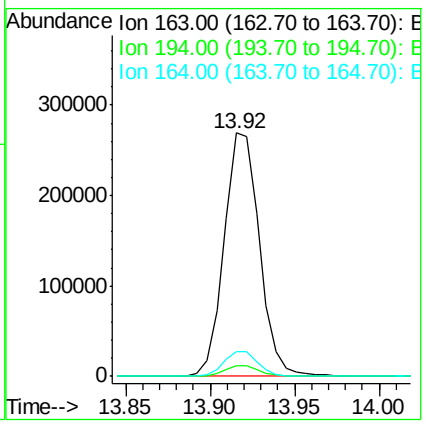


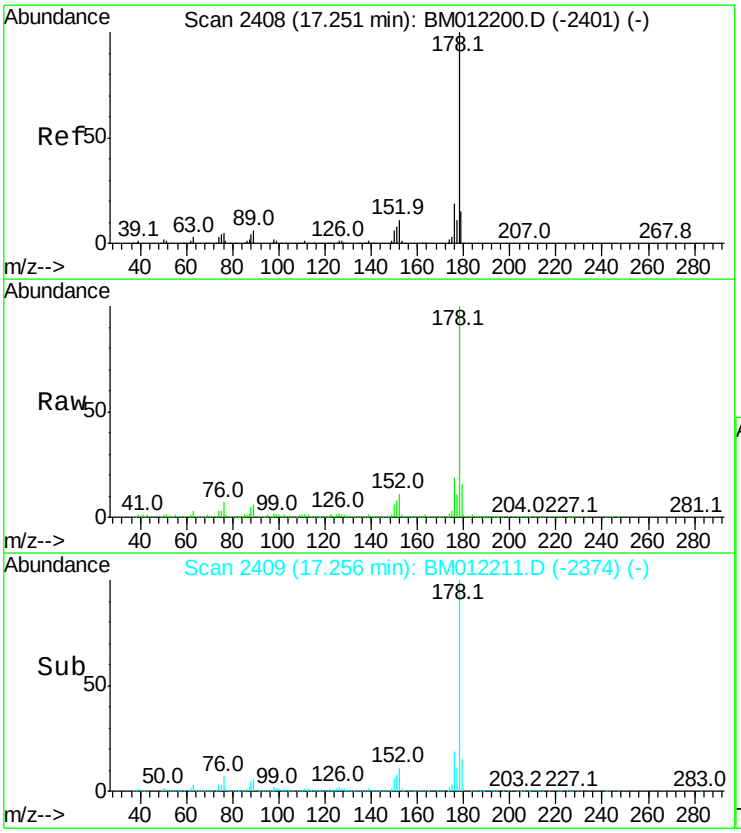
#44
Dimethylphthalate
Concen: 8.988 ng/ul
RT: 13.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BM012211.D
Acq: 15 Oct 2017 16:27

Instrument :
BNA_M
ClientSampleId :
B-59(5-7)-100317

Tgt Ion:163 Resp: 387758

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.0	8.2	12.4

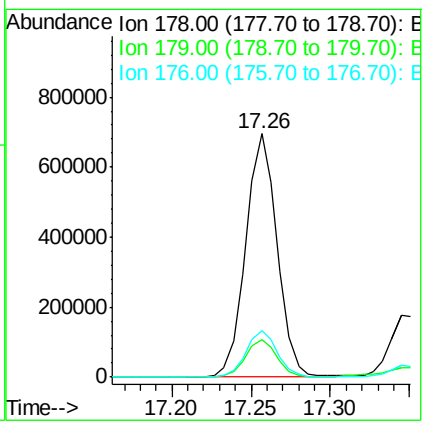


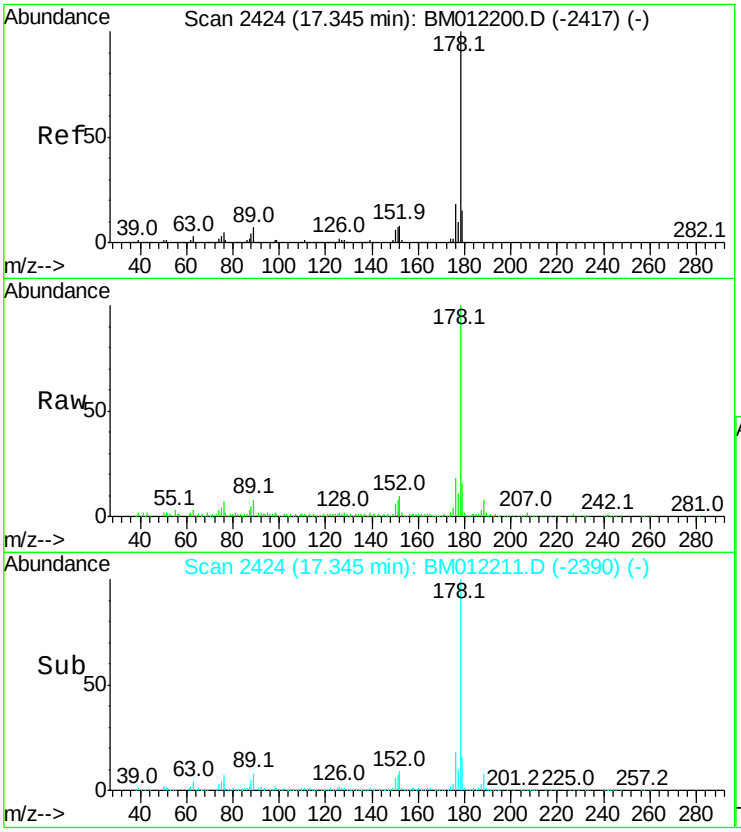


#69
Phenanthrene
Concen: 14.069 ng/ul
RT: 17.26 min Scan# 2409
Delta R.T. 0.01 min
Lab File: BM012211.D
Acq: 15 Oct 2017 16:27

Tgt Ion:178 Resp: 952830

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.2	14.9	22.3



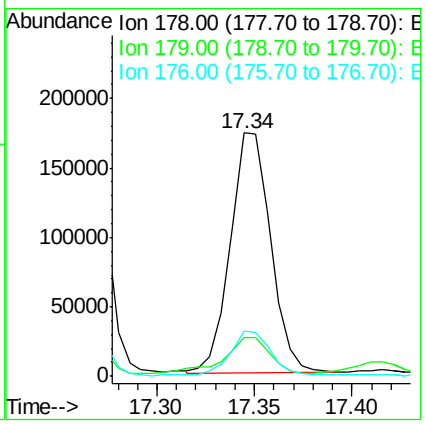


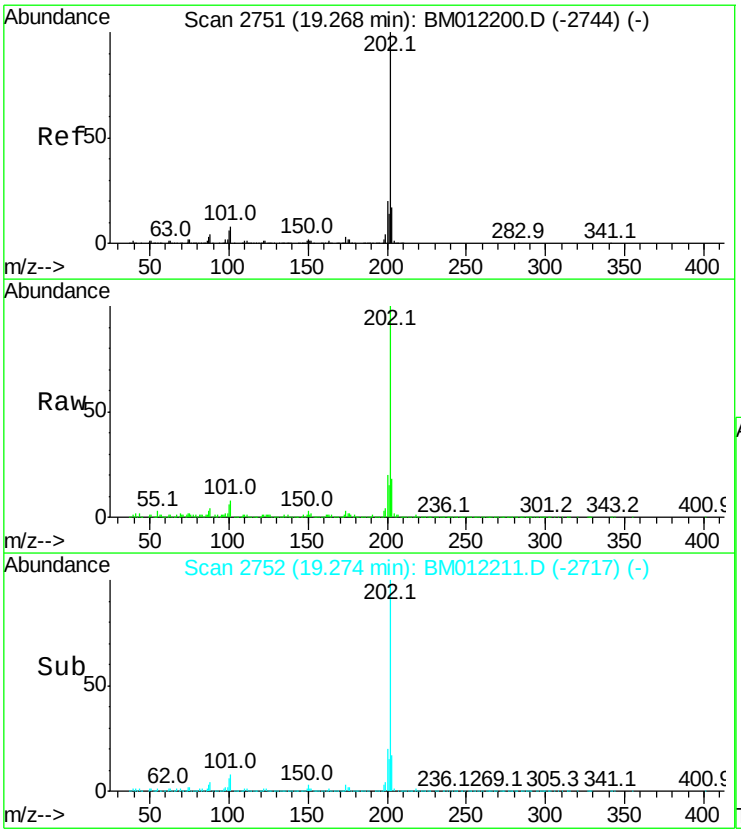
#71
Anthracene
Concen: 3.514 ng/ul
RT: 17.34 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BM012211.D
Acq: 15 Oct 2017 16:27

Instrument :
BNA_M
ClientSampleId :
B-59(5-7)-100317

Tgt Ion:178 Resp: 246406

Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.7	17.5
176	18.5	14.6	21.8

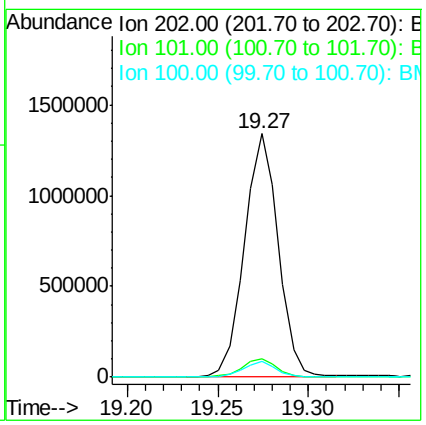


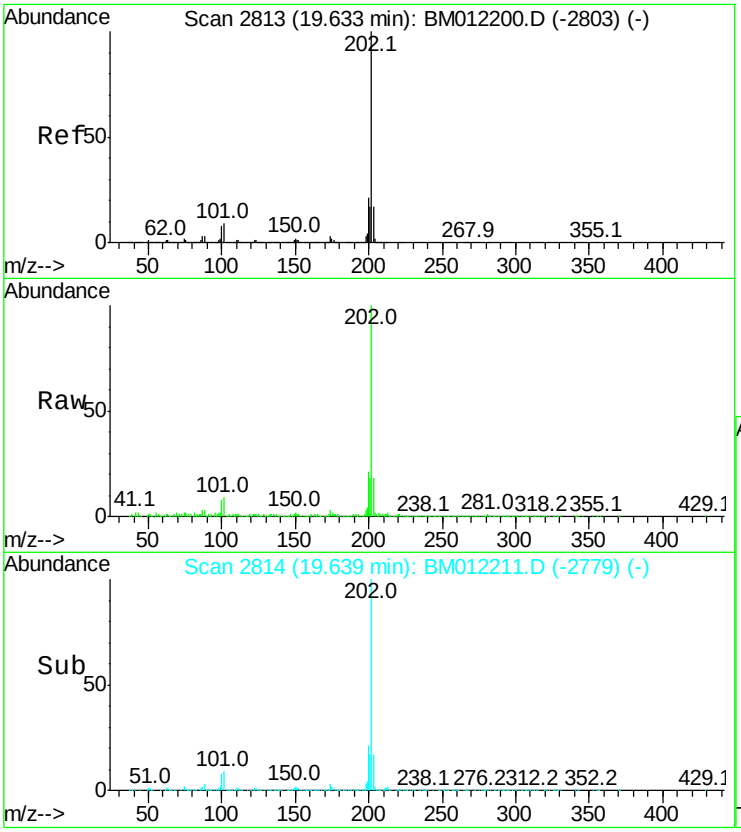


#74
Fluoranthene
Concen: 21.127 ng/ul
RT: 19.27 min Scan# 2752
Delta R.T. 0.01 min
Lab File: BM012211.D
Acq: 15 Oct 2017 16:27

Tgt Ion:202 Resp: 1726716

Ion	Ratio	Lower	Upper
202	100		
101	7.8	4.6	7.0#
100	6.4	3.4	5.2#



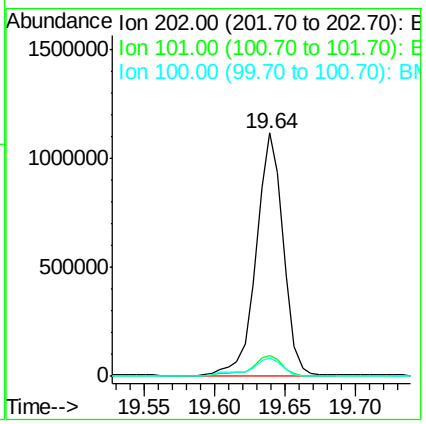


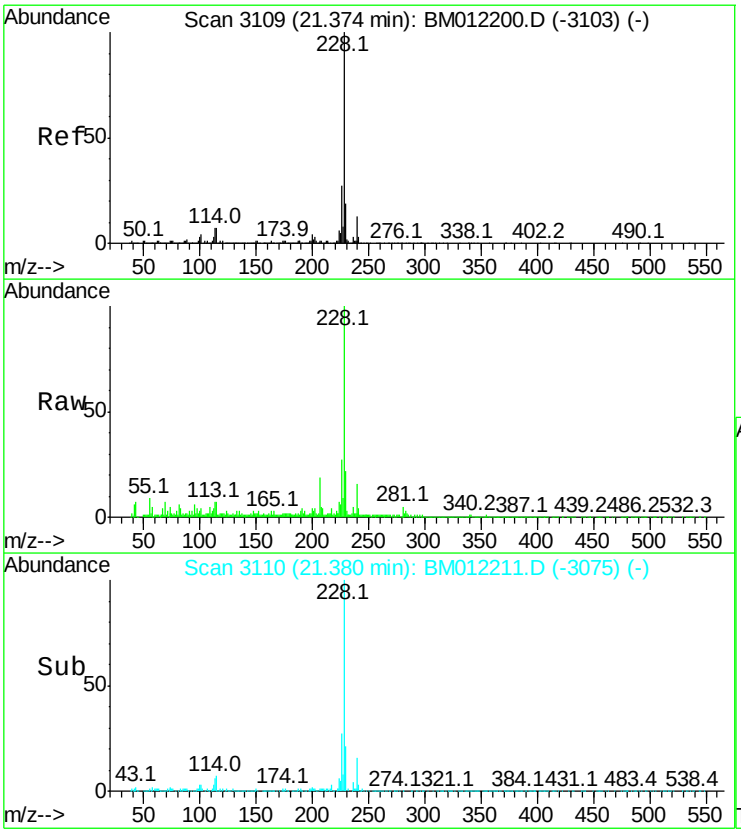
#77
Pyrene
Concen: 23.692 ng/ul
RT: 19.64 min Scan# 2814
Delta R.T. 0.01 min
Lab File: BM012211.D
Acq: 15 Oct 2017 16:27

Instrument :
BNA_M
ClientSampleId :
B-59(5-7)-100317

Tgt Ion:202 Resp: 1509270

Ion	Ratio	Lower	Upper
202	100		
101	8.8	5.1	7.7#
100	7.6	4.9	7.3#

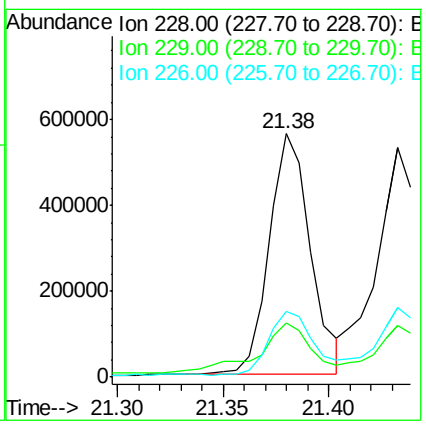


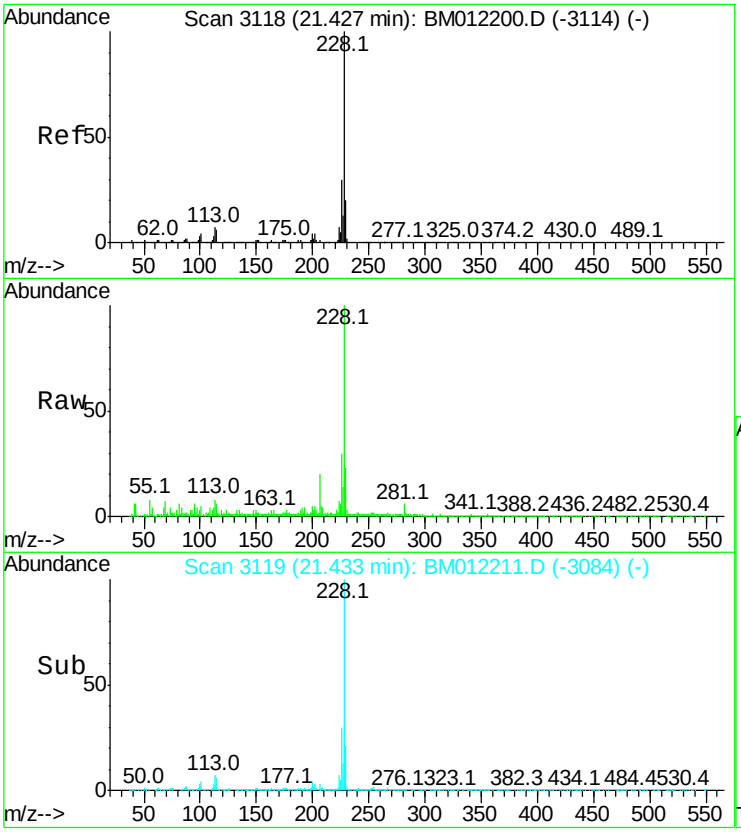


#80
Benzo(a)anthracene
Concen: 12.033 ng/ul
RT: 21.38 min Scan# 3110
Delta R.T. 0.01 min
Lab File: BM012211.D
Acq: 15 Oct 2017 16:27

Tgt Ion:228 Resp: 755241

Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.4	23.0
226	27.2	21.4	32.0



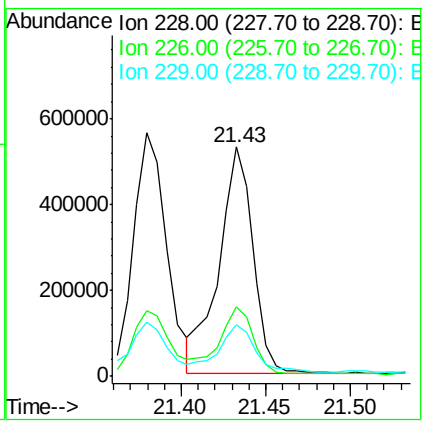


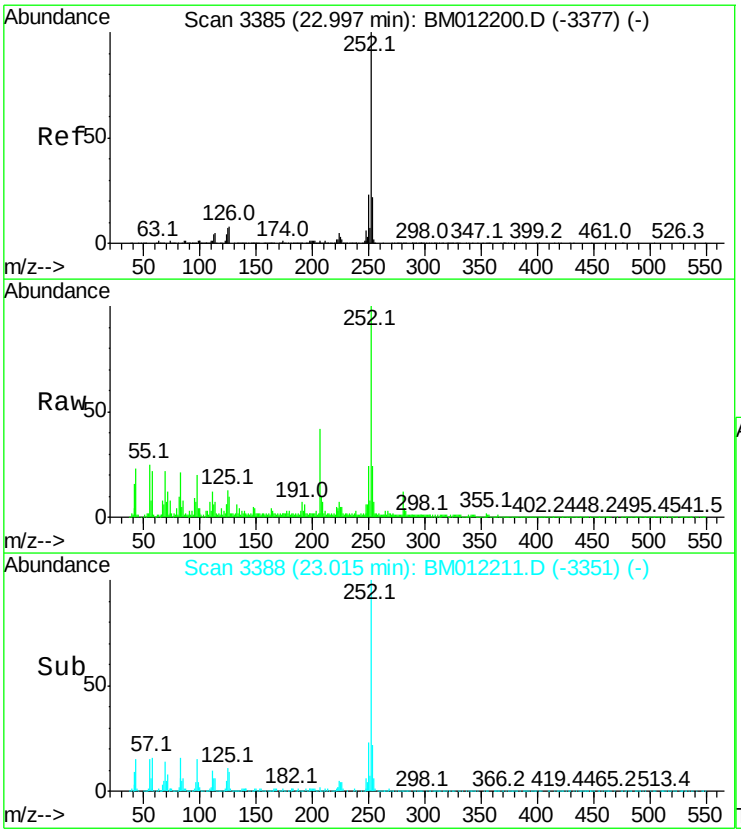
#82
Chrysene
Concen: 12.493 ng/ul
RT: 21.43 min Scan# 3119
Delta R.T. 0.01 min
Lab File: BM012211.D
Acq: 15 Oct 2017 16:27

Instrument :
BNA_M
ClientSampleId :
B-59(5-7)-100317

Tgt Ion:228 Resp: 736211

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.2
229	22.6	15.5	23.3

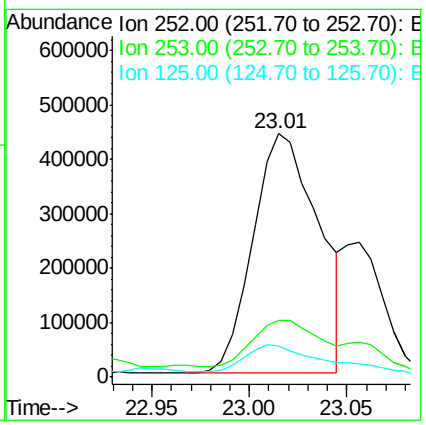


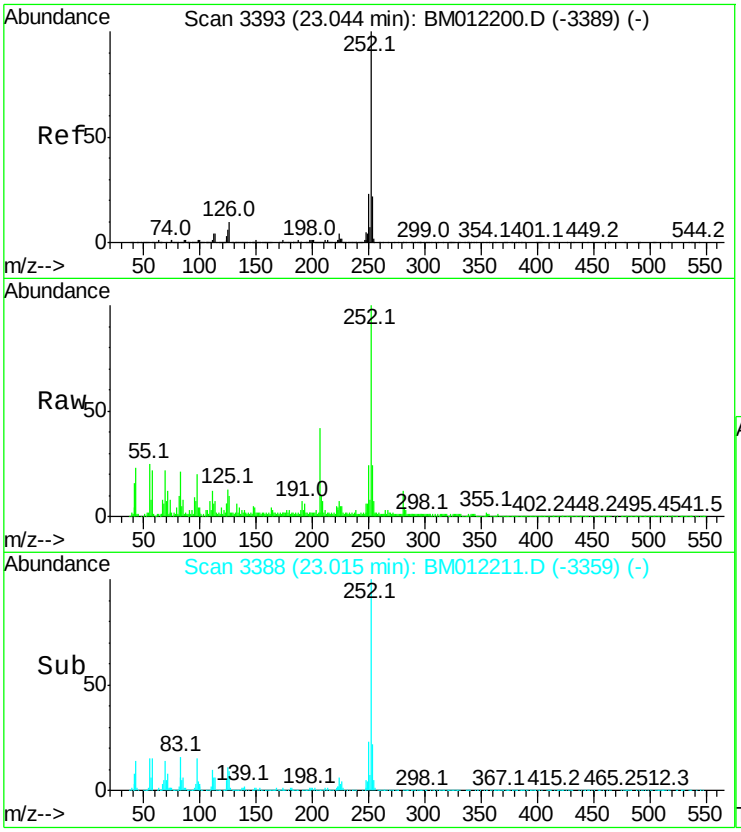


#85
Benzo(b)fluoranthene
Concen: 16.465 ng/ul
RT: 23.01 min Scan# 3388
Delta R.T. 0.02 min
Lab File: BM012211.D
Acq: 15 Oct 2017 16:27

Tgt Ion:252 Resp: 1028940

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	12.9	3.6	5.4#



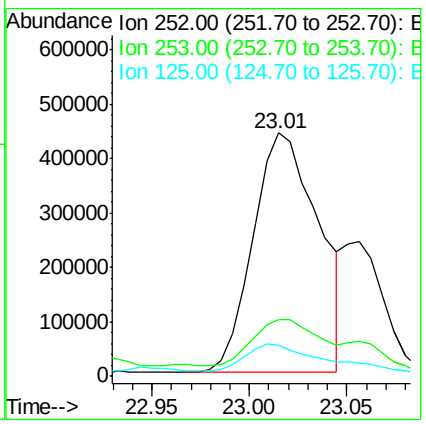


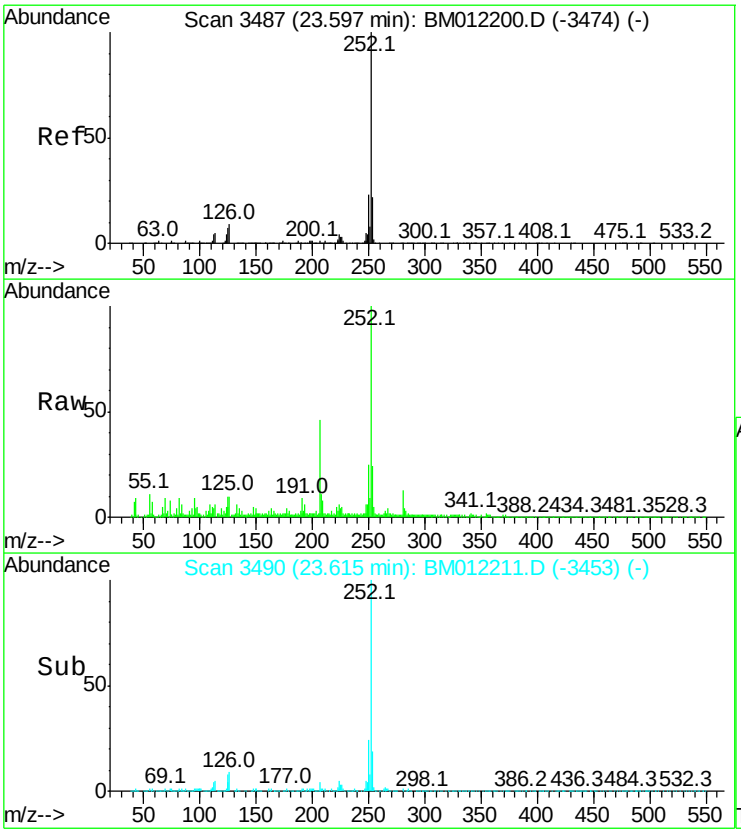
#86
Benzo(k)fluoranthene
Concen: 17.085 ng/ul
RT: 23.01 min Scan# 3388
Delta R.T. -0.03 min
Lab File: BM012211.D
Acq: 15 Oct 2017 16:27

Instrument :
BNA_M
ClientSampleId :
B-59(5-7)-100317

Tgt Ion:252 Resp: 1028940

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	12.9	3.4	5.2#

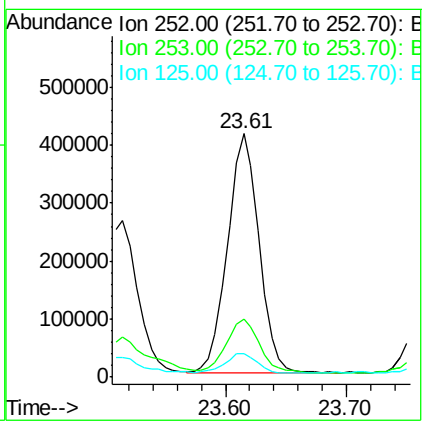


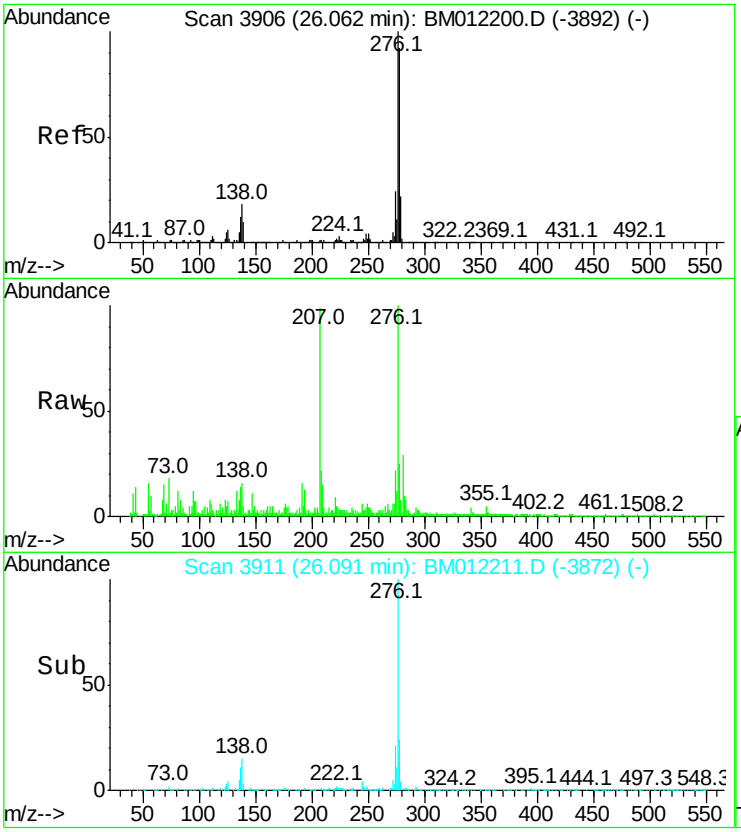


#88
Benzo(a)pyrene
Concen: 12.723 ng/ul
RT: 23.61 min Scan# 3490
Delta R.T. 0.02 min
Lab File: BM012211.D
Acq: 15 Oct 2017 16:27

Tgt Ion:252 Resp: 749390

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	9.7	4.0	6.0#



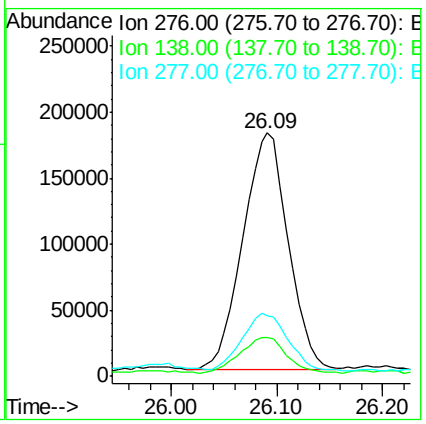


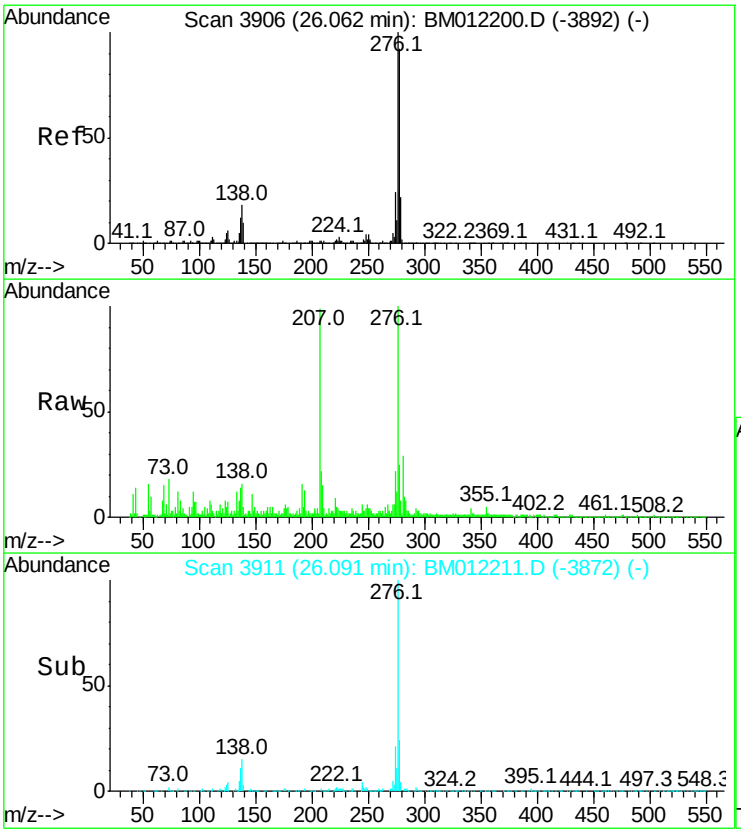
#89
Indeno(1,2,3-cd)pyrene
Concen: 8.508 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. 0.03 min
Lab File: BM012211.D
Acq: 15 Oct 2017 16:27

Instrument :
BNA_M
ClientSampleId :
B-59(5-7)-100317

Tgt Ion:276 Resp: 532142

Ion	Ratio	Lower	Upper
276	100		
138	15.9	9.3	13.9#
277	25.1	19.9	29.9

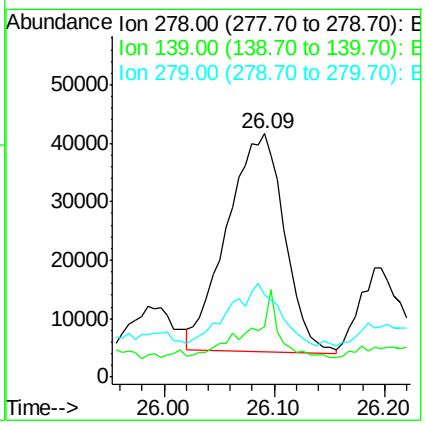


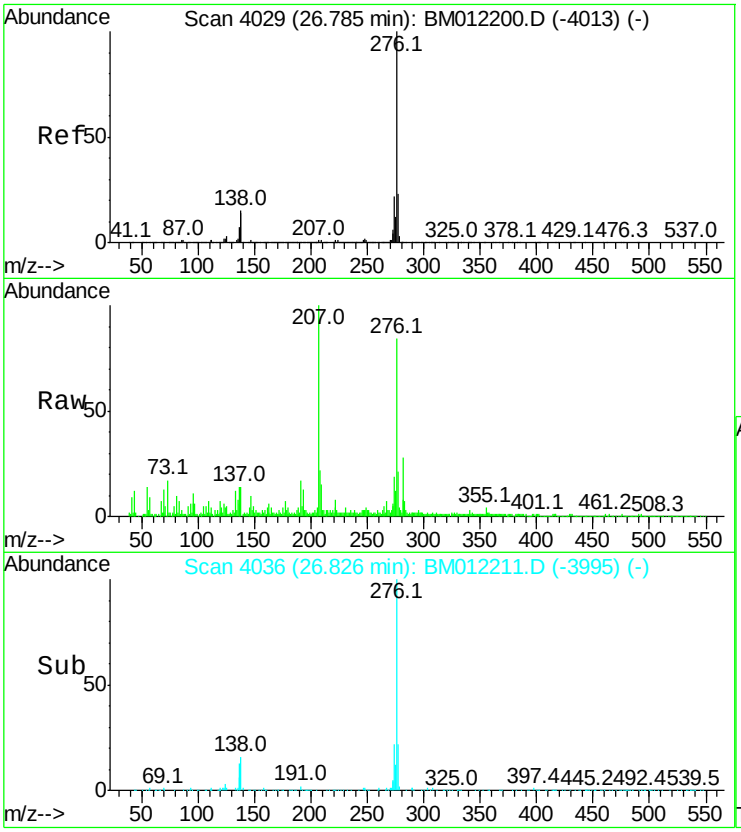


#90
Dibenzo(a,h)anthracene
Concen: 2.581 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. 0.03 min
Lab File: BM012211.D
Acq: 15 Oct 2017 16:27

Tgt Ion:278 Resp: 135709

Ion	Ratio	Lower	Upper
278	100		
139	20.5	5.8	8.8#
279	33.6	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 9.817 ng/ul
RT: 26.83 min Scan# 4036
Delta R.T. 0.04 min
Lab File: BM012211.D
Acq: 15 Oct 2017 16:27

Instrument :
BNA_M
ClientSampleId :
B-59(5-7)-100317

Tgt Ion:276 Resp: 502927

Ion	Ratio	Lower	Upper
276	100		
138	17.2	8.5	12.7#
277	25.0	18.6	28.0