Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012201.D
Acq On : 15 Oct 2017 10:22
Operator : SJ/JU
Sample : I5548-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7

Quant Time: Oct 16 02:01:35 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	138880	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	555818	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	305257	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	578154	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	518765	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	565865	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	10866	3.72	ng/uL	0.00
5) Phenol-d5	6.98	99	219527	19.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	129257	19.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	202798	21.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	183061	18.87	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	94120	22.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	109350	22.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	213324	22.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	1194	0.13	ng/ul	0.12
43) Dimethylphthalate-d6	13.87	166	674529	25.00	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	796607	24.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	43962	10.84	ng/ul	0.00
57) Fluorene-d10	15.45	176	528084	23.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	47072	11.86	ng/ul	0.00
70) Anthracene-d10	17.30	188	712607	24.93	ng/ul	0.00
76) Pyrene-d10	19.60	212	709513	26.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	683070	25.04	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.01	94	17514	1.504	ng/ul	94
28) Naphthalene	10.66	128	29562	1.028	ng/ul	99
44) Dimethylphthalate	13.91	163	231842	8.577	ng/ul	99
47) Acenaphthylene	14.19	152	62882	1.961	ng/ul	98
69) Phenanthrene	17.25	178	326231	9.919	ng/ul	98
71) Anthracene	17.25	178	326231	9.581	ng/ul	97
74) Fluoranthene	19.27	202	714376	17.998	ng/ul#	95
77) Pyrene	19.63	202	654465	19.103	ng/ul#	96
80) Benzo(a)anthracene	21.37	228	374423	11.092	ng/ul#	89
82) Chrysene	21.43	228	399555	12.607	ng/ul#	88
85) Benzo(b)fluoranthene	23.00	252	636908	17.248	ng/ul#	85
86) Benzo(k)fluoranthene	23.00	252	636908	17.897	ng/ul#	83
88) Benzo(a)pyrene	23.60	252	477559	13.721	ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	26.07	276	381156	10.313	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.07	278	96208	3.096	ng/ul#	56
91) Benzo(g,h,i)perylene	26.81	276	382066	12.621	ng/ul#	91

(#) = 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\
Data File : BM012201.D
Acq On : 15 Oct 2017 10:22
Operator : SJ/JU
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Misc :
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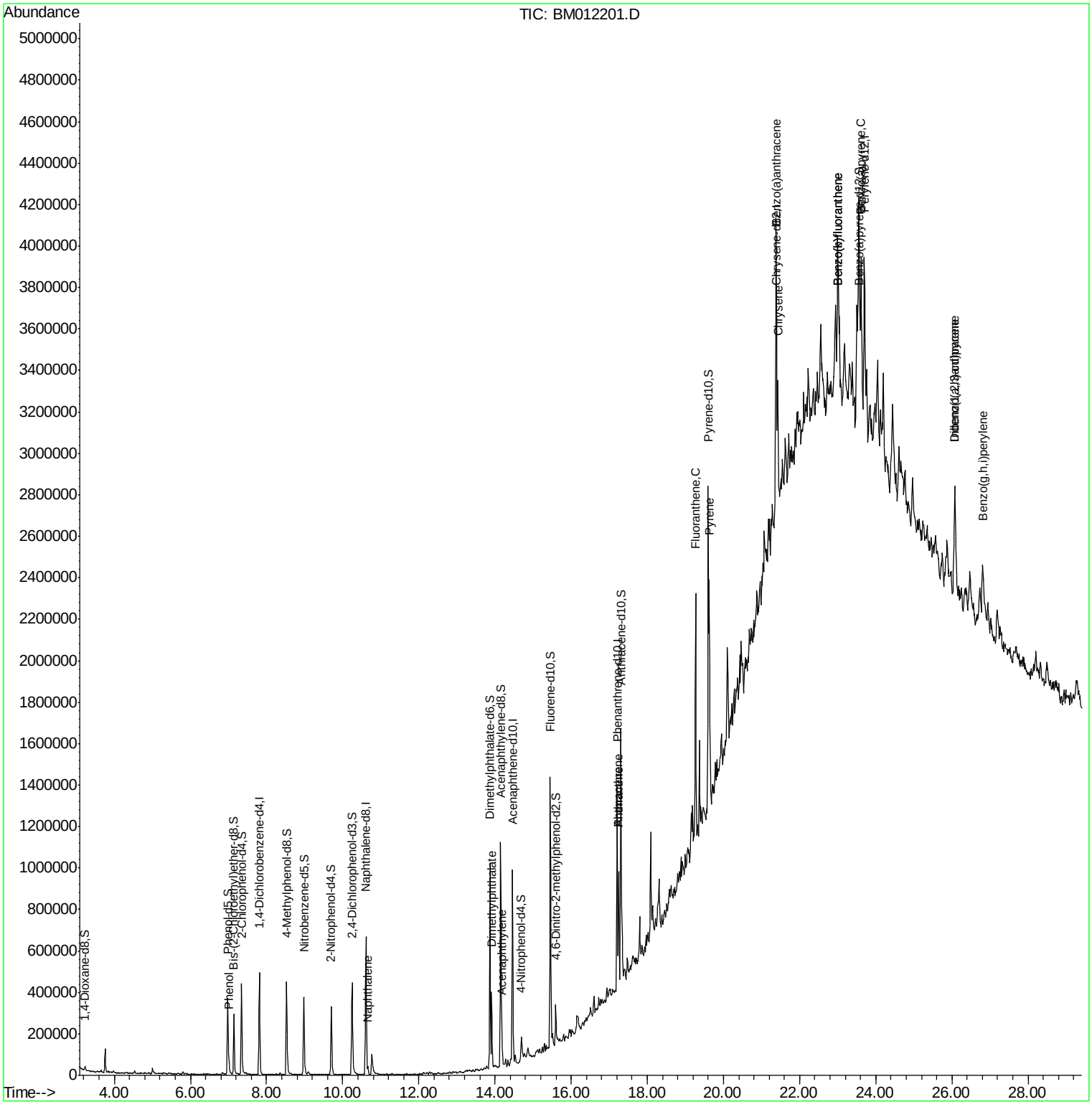
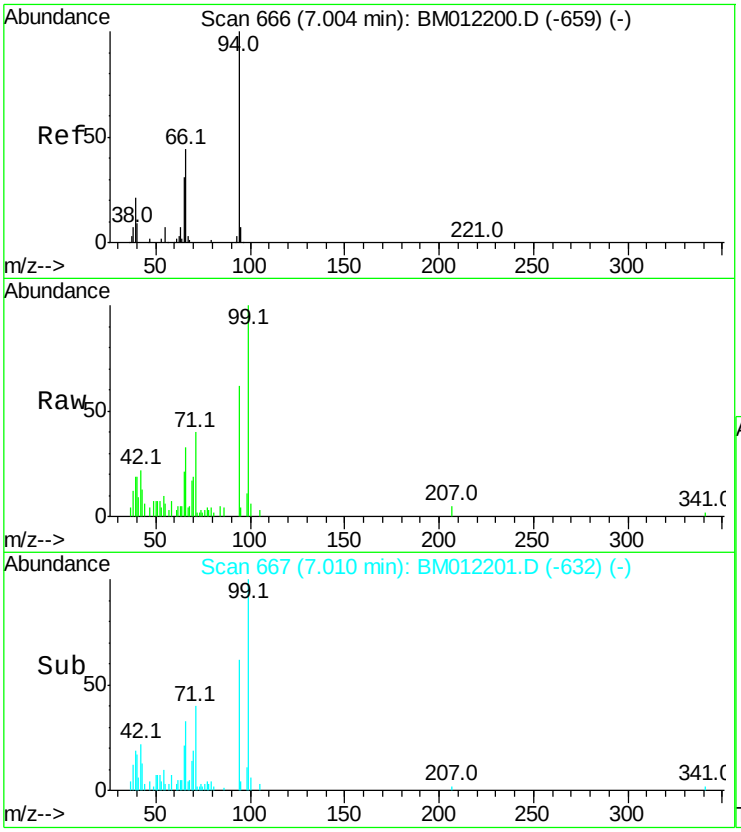
Instrument :
BNA_M
ClientSampleId :
C0AF7

Quant Time: Oct 16 02:01:35 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



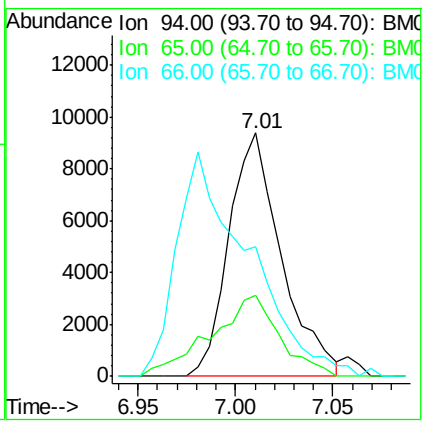


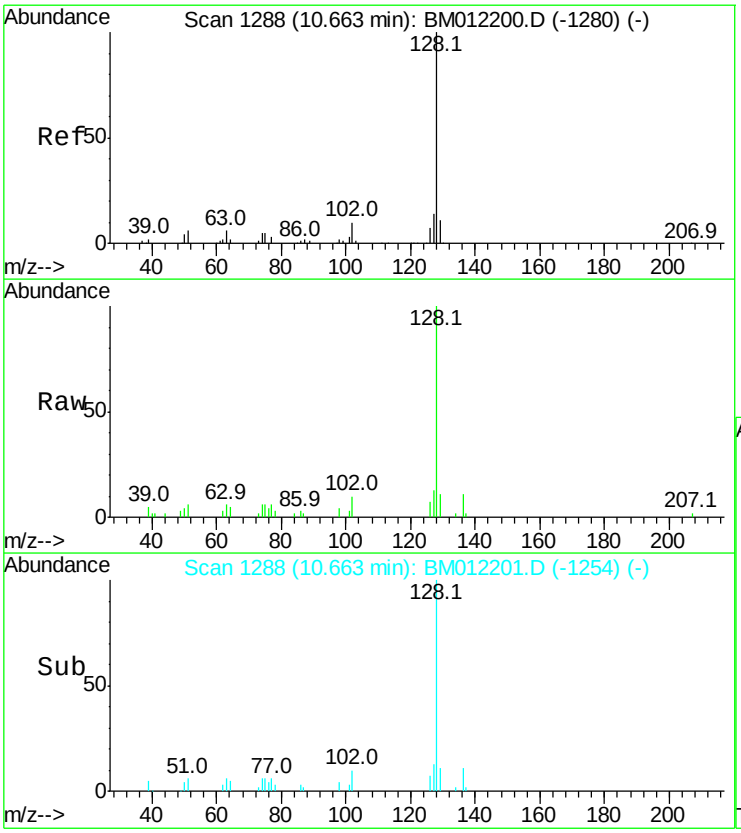
#6
Phenol
Concen: 1.504 ng/ul
RT: 7.01 min Scan# 667
Delta R.T. 0.01 min
Lab File: BM012201.D
Acq: 15 Oct 2017 10:22

Instrument :
BNA_M
ClientSampleId :
C0AF7

Tgt Ion: 94 Resp: 17514

Ion	Ratio	Lower	Upper
94	100		
65	33.2	28.2	42.4
66	53.4	47.2	70.8

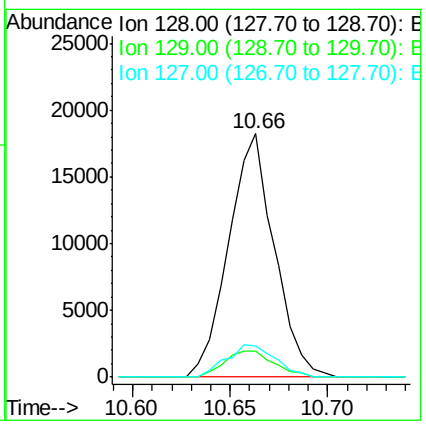


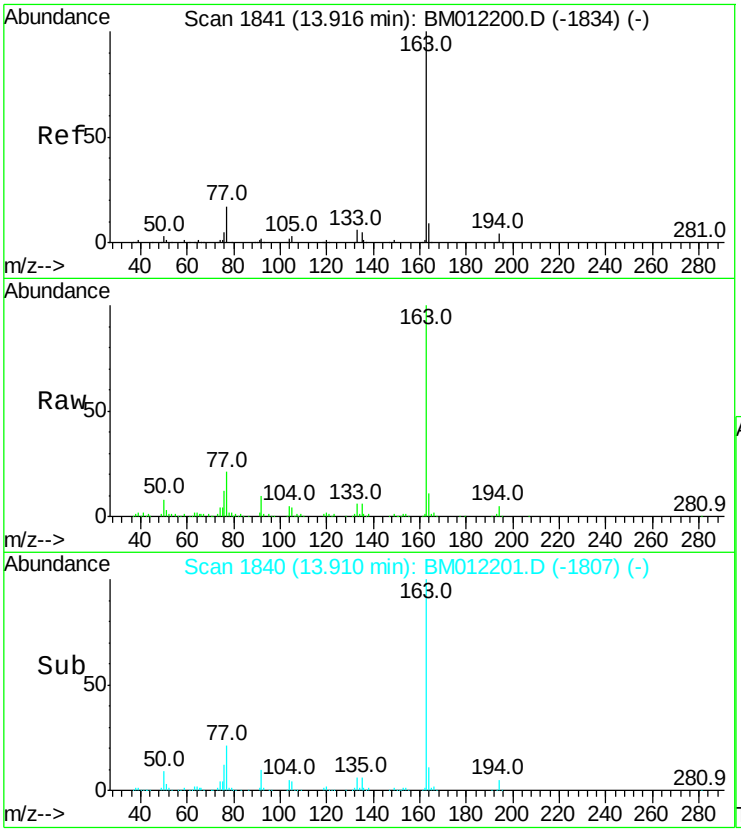


#28
Naphthalene
Concen: 1.028 ng/ul
RT: 10.66 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BM012201.D
Acq: 15 Oct 2017 10:22

Tgt Ion:128 Resp: 29562

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.9	10.6	16.0



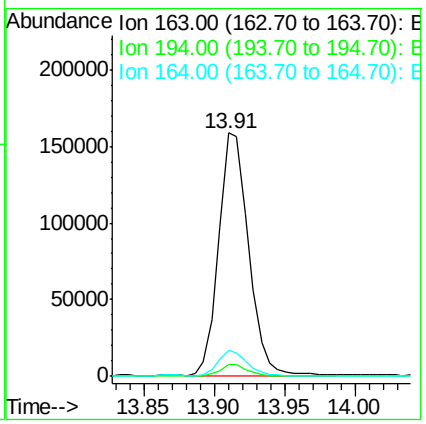


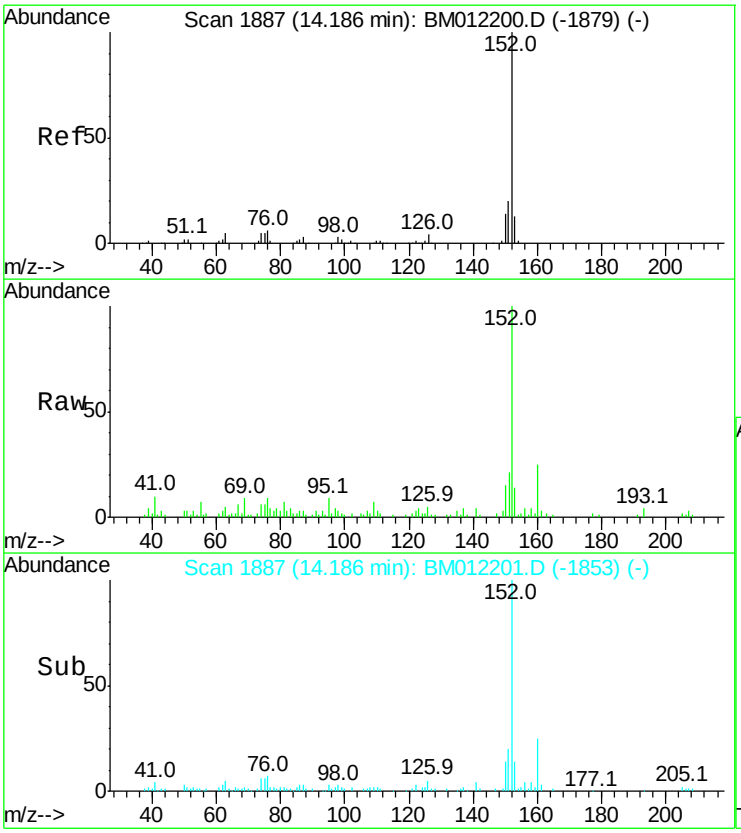
#44
Dimethylphthalate
Concen: 8.577 ng/ul
RT: 13.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BM012201.D
Acq: 15 Oct 2017 10:22

Instrument :
BNA_M
ClientSampleId :
C0AF7

Tgt Ion:163 Resp: 231842

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.5	5.3
164	10.8	8.2	12.4

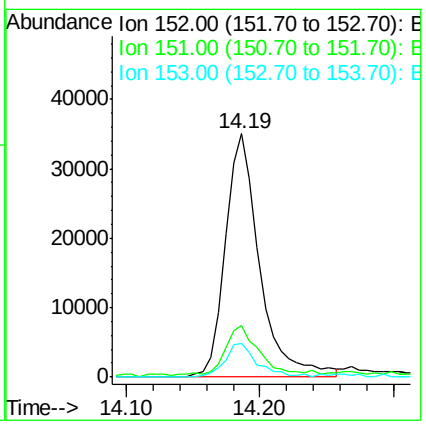


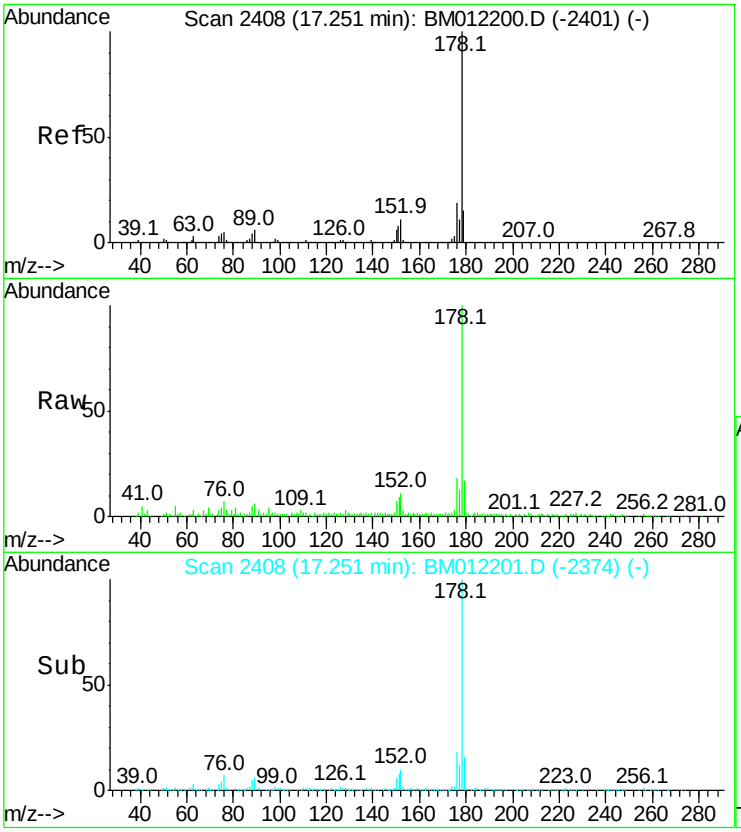


#47
Acenaphthylene
Concen: 1.961 ng/ul
RT: 14.19 min Scan# 1887
Delta R.T. 0.00 min
Lab File: BM012201.D
Acq: 15 Oct 2017 10:22

Tgt Ion:152 Resp: 62882

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.3	24.5
153	13.9	10.2	15.4



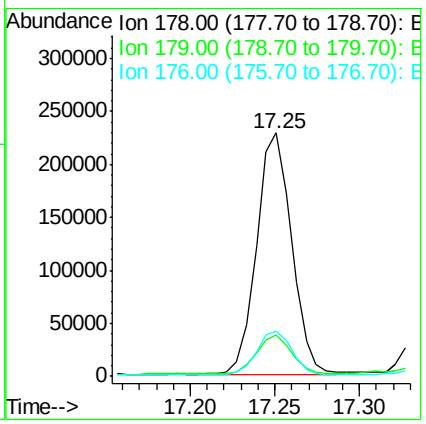


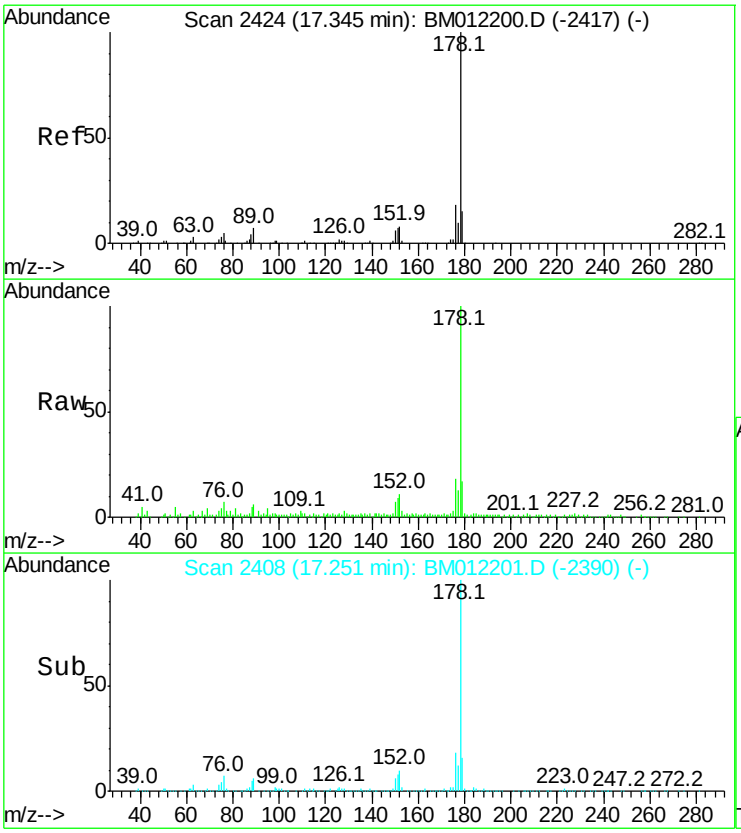
#69
Phenanthrene
Concen: 9.919 ng/ul
RT: 17.25 min Scan# 2408
Delta R.T. 0.00 min
Lab File: BM012201.D
Acq: 15 Oct 2017 10:22

Instrument :
BNA_M
ClientSampleId :
C0AF7

Tgt Ion:178 Resp: 326231

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.6	19.0
176	18.4	14.9	22.3

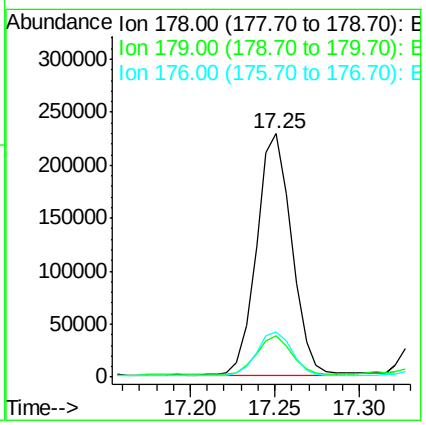


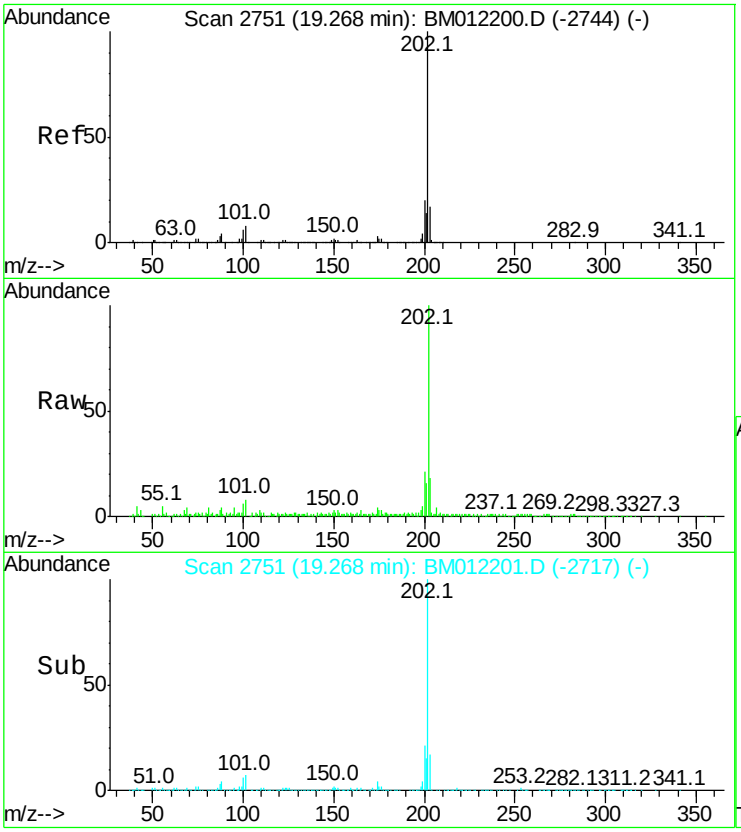


#71
Anthracene
Concen: 9.581 ng/ul
RT: 17.25 min Scan# 2408
Delta R.T. -0.09 min
Lab File: BM012201.D
Acq: 15 Oct 2017 10:22

Tgt Ion:178 Resp: 326231

Ion	Ratio	Lower	Upper
178	100		
179	17.0	11.7	17.5
176	18.4	14.6	21.8



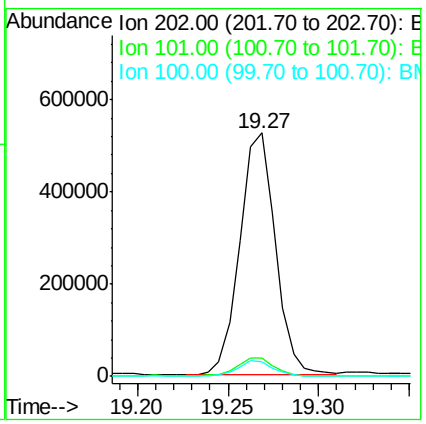


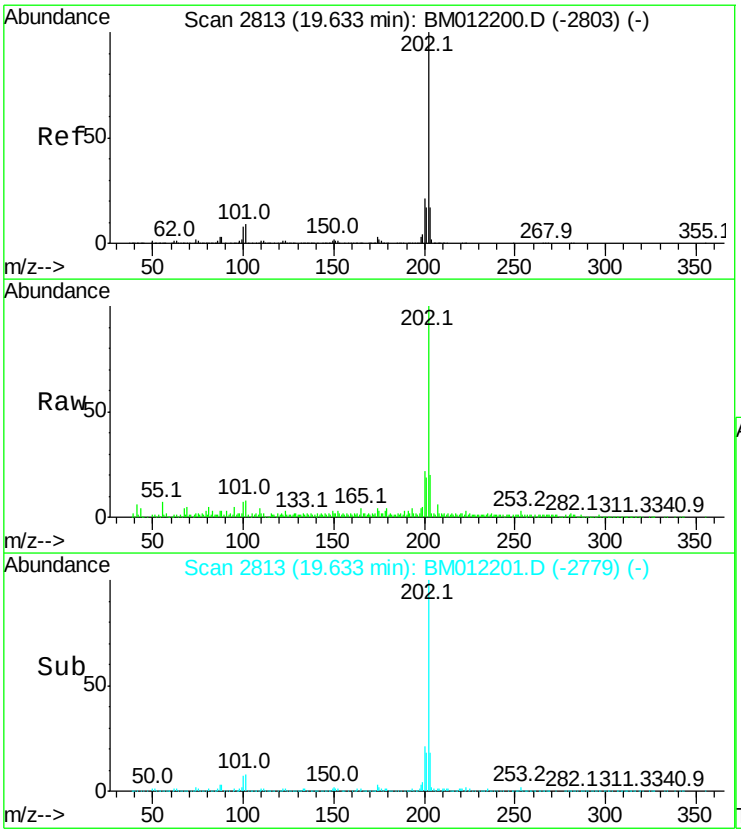
#74
Fluoranthene
Concen: 17.998 ng/ul
RT: 19.27 min Scan# 2751
Delta R.T. 0.00 min
Lab File: BM012201.D
Acq: 15 Oct 2017 10:22

Instrument :
BNA_M
ClientSampleId :
C0AF7

Tgt Ion:202 Resp: 714376

Ion	Ratio	Lower	Upper
202	100		
101	7.6	4.6	7.0#
100	6.2	3.4	5.2#

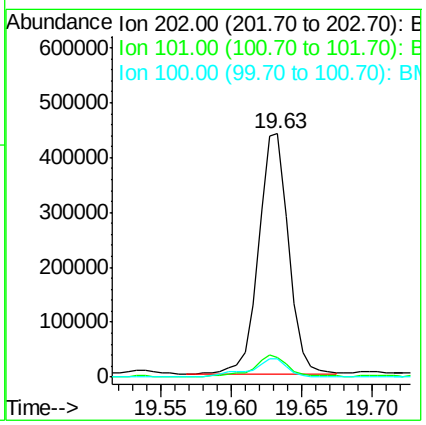


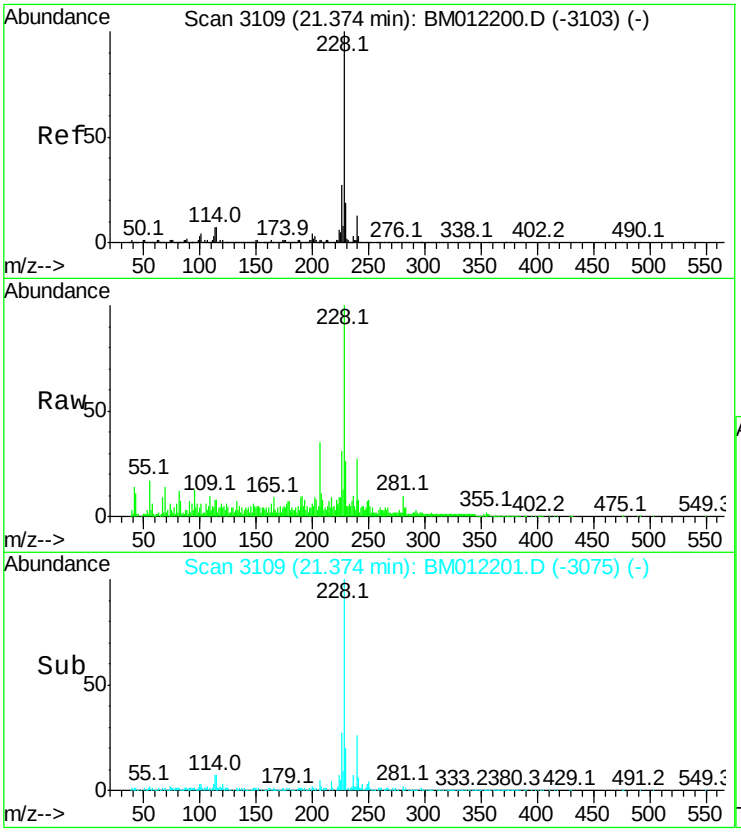


#77
Pyrene
Concen: 19.103 ng/ul
RT: 19.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: BM012201.D
Acq: 15 Oct 2017 10:22

Tgt Ion:202 Resp: 654465

Ion	Ratio	Lower	Upper
202	100		
101	8.1	5.1	7.7#
100	7.4	4.9	7.3#



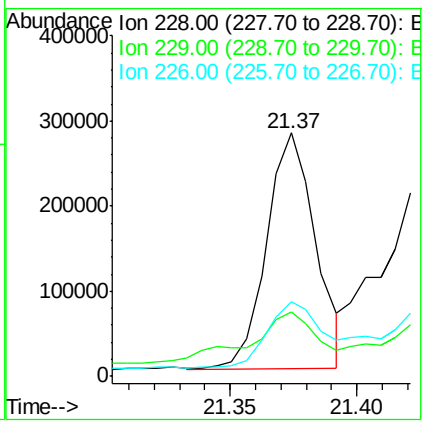


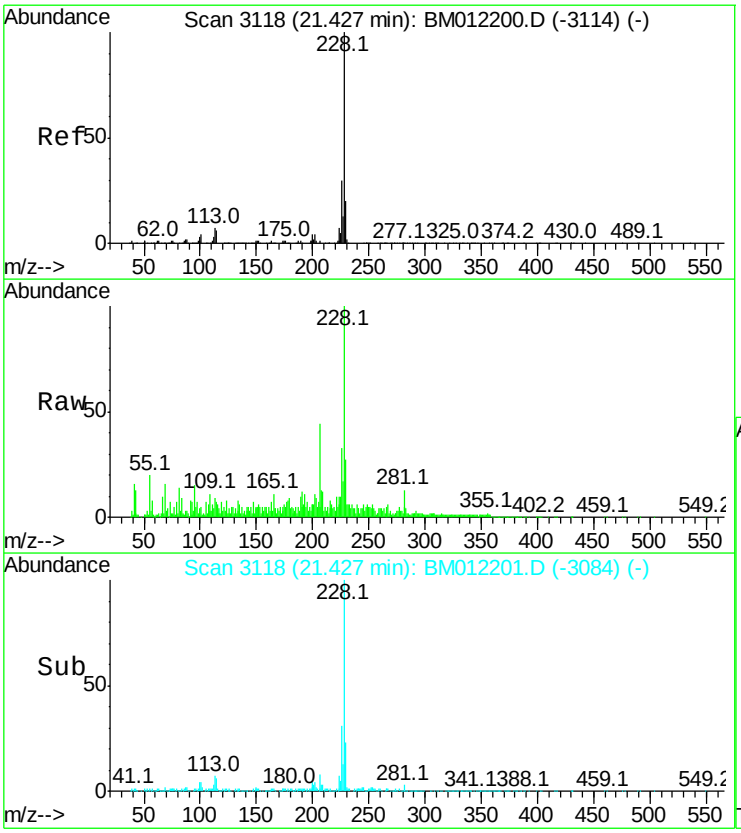
#80
Benzo(a)anthracene
Concen: 11.092 ng/ul
RT: 21.37 min Scan# 3109
Delta R.T. 0.00 min
Lab File: BM012201.D
Acq: 15 Oct 2017 10:22

Instrument :
BNA_M
ClientSampleId :
C0AF7

Tgt Ion:228 Resp: 374423

Ion	Ratio	Lower	Upper
228	100		
229	26.4	15.4	23.0#
226	30.6	21.4	32.0

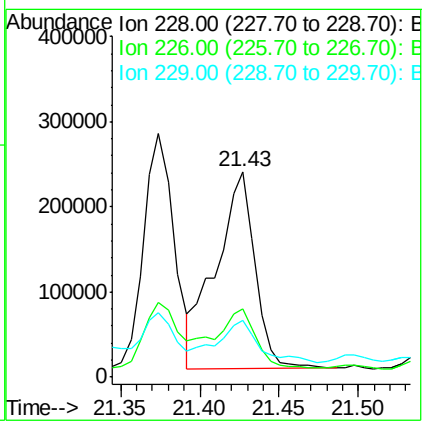


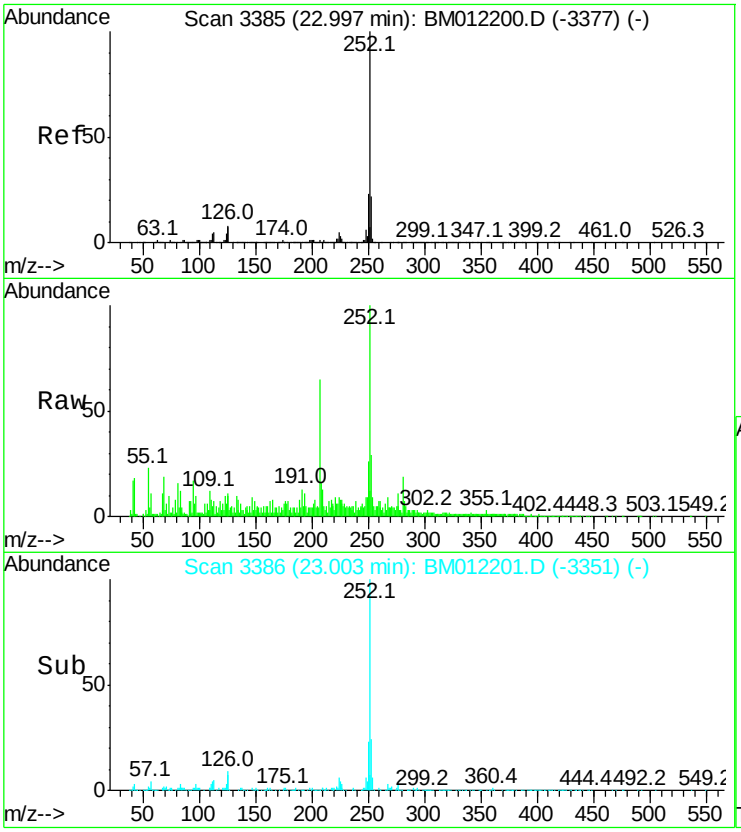


#82
Chrysene
Concen: 12.607 ng/ul
RT: 21.43 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BM012201.D
Acq: 15 Oct 2017 10:22

Tgt Ion:228 Resp: 399555

Ion	Ratio	Lower	Upper
228	100		
226	33.4	23.4	35.2
229	27.4	15.5	23.3#



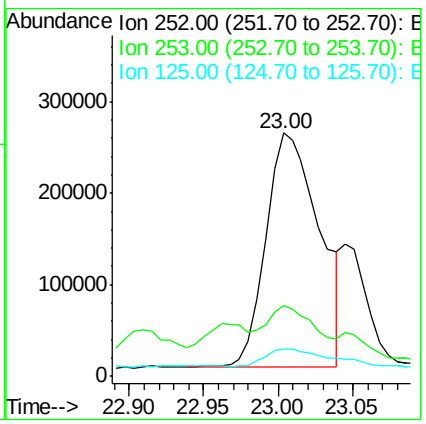


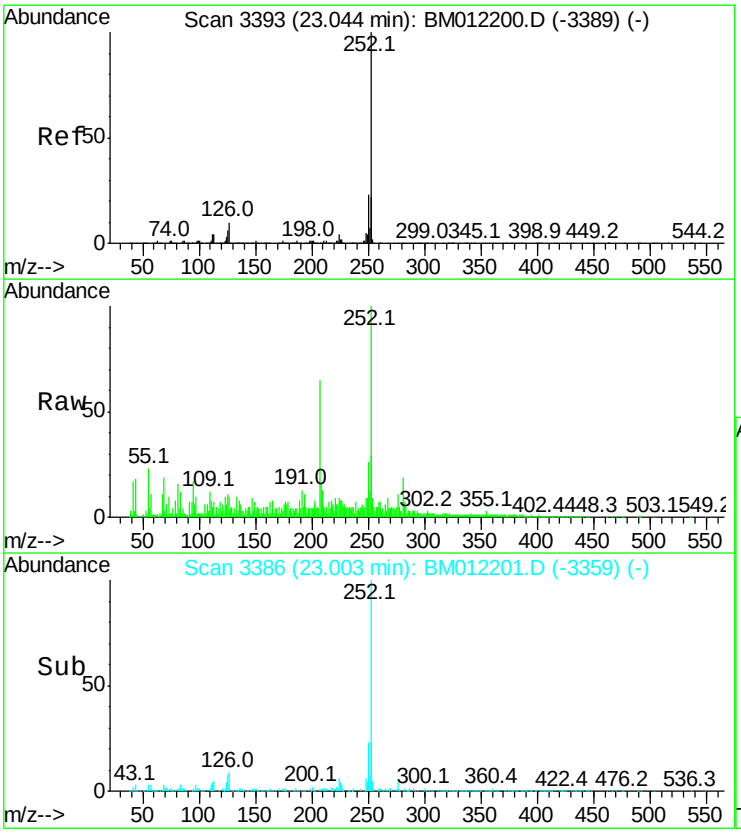
#85
Benzo(b)fluoranthene
Concen: 17.248 ng/ul
RT: 23.00 min Scan# 3386
Delta R.T. 0.01 min
Lab File: BM012201.D
Acq: 15 Oct 2017 10:22

Instrument :
BNA_M
ClientSampleId :
C0AF7

Tgt Ion:252 Resp: 636908

Ion	Ratio	Lower	Upper
252	100		
253	28.9	17.9	26.9#
125	11.0	3.6	5.4#

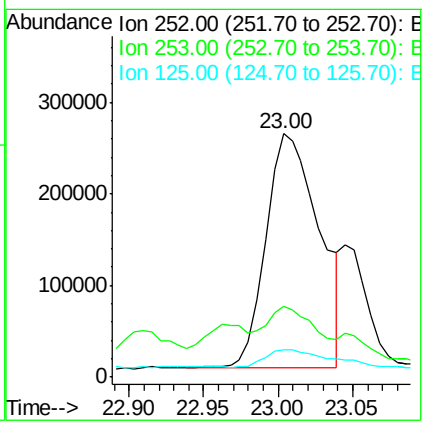


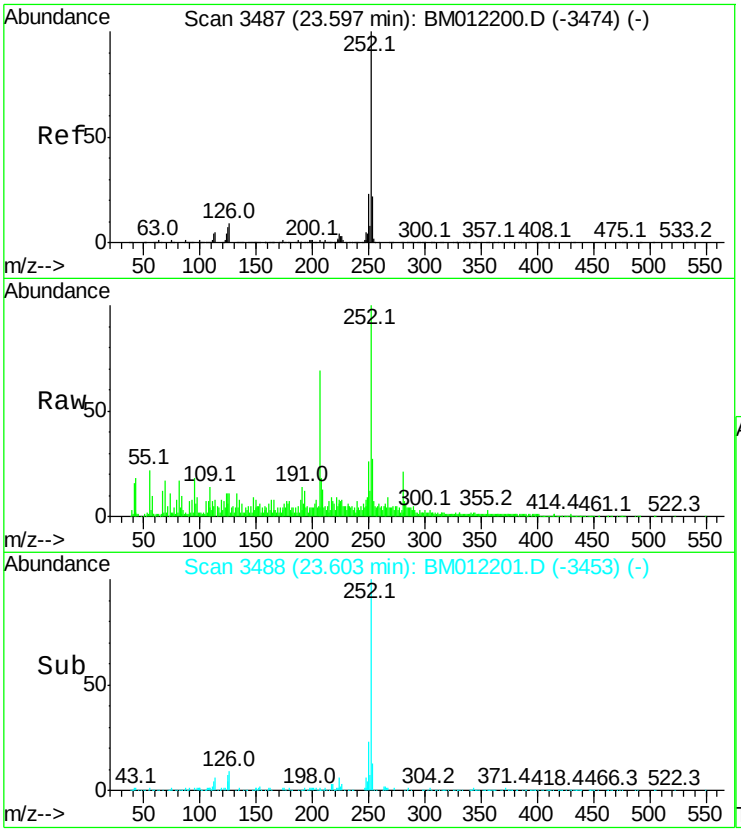


#86
Benzo(k)fluoranthene
Concen: 17.897 ng/ul
RT: 23.00 min Scan# 3386
Delta R.T. -0.04 min
Lab File: BM012201.D
Acq: 15 Oct 2017 10:22

Tgt Ion:252 Resp: 636908

Ion	Ratio	Lower	Upper
252	100		
253	28.9	17.1	25.7#
125	11.0	3.4	5.2#



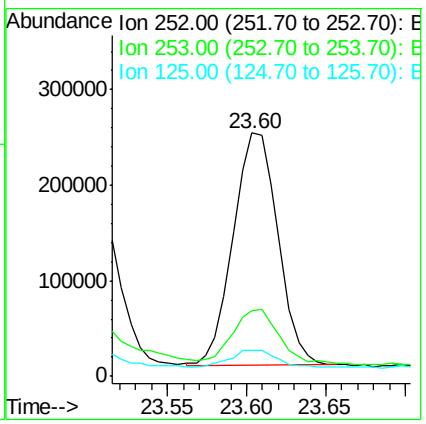


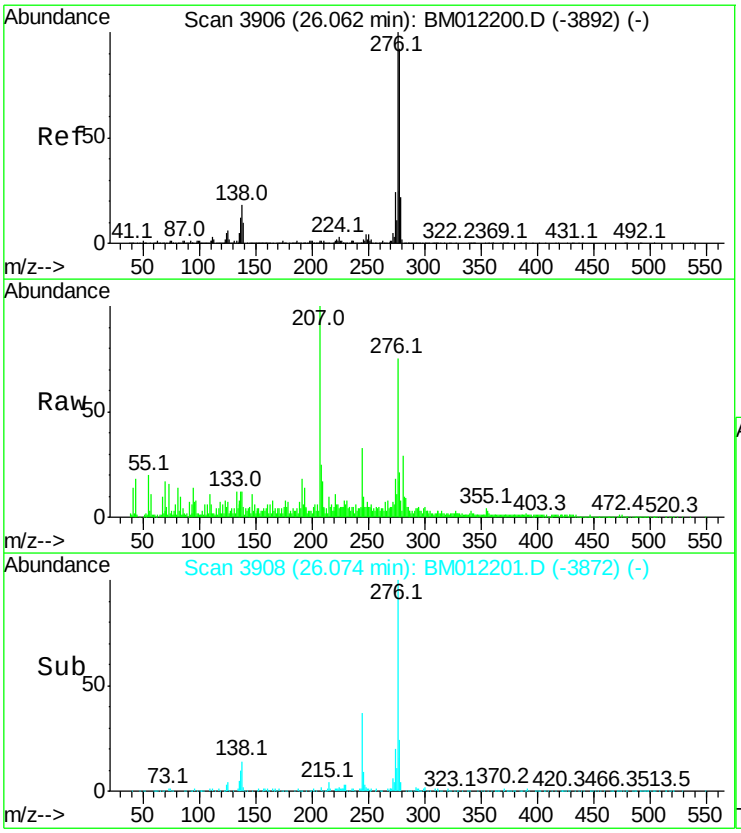
#88
Benzo(a)pyrene
Concen: 13.721 ng/ul
RT: 23.60 min Scan# 3488
Delta R.T. 0.01 min
Lab File: BM012201.D
Acq: 15 Oct 2017 10:22

Instrument :
BNA_M
ClientSampleId :
C0AF7

Tgt Ion:252 Resp: 477559

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.2	27.2
125	10.8	4.0	6.0#

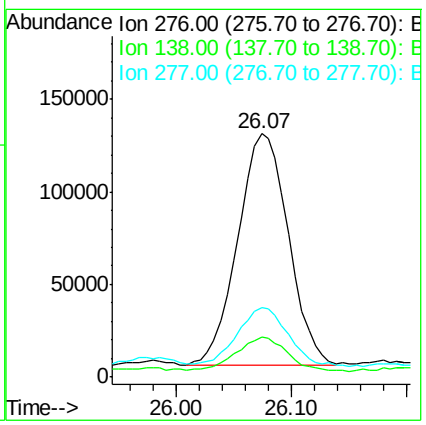


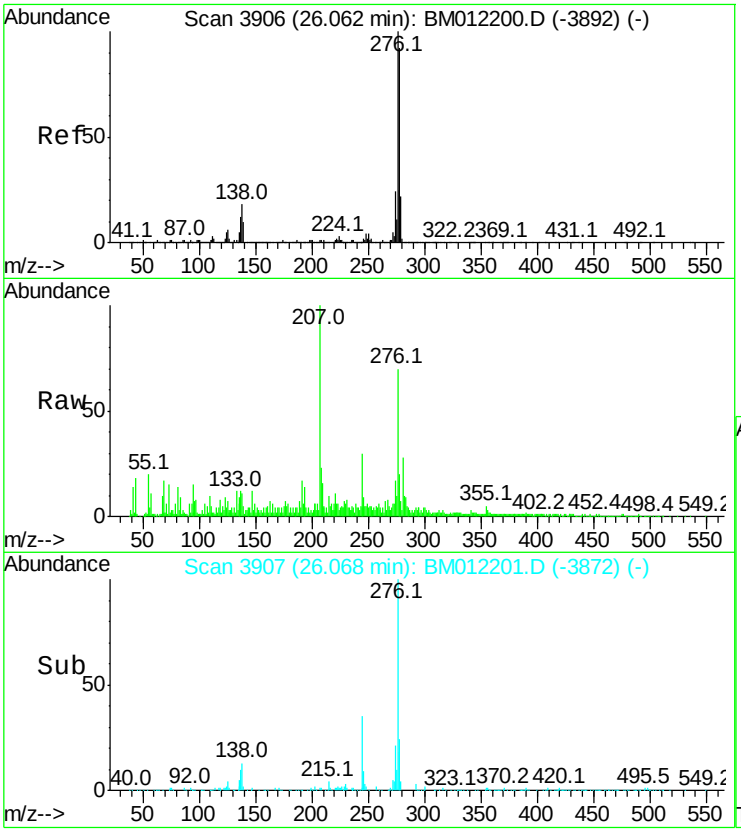


#89
Indeno(1,2,3-cd)pyrene
Concen: 10.313 ng/ul
RT: 26.07 min Scan# 3908
Delta R.T. 0.01 min
Lab File: BM012201.D
Acq: 15 Oct 2017 10:22

Tgt Ion:276 Resp: 381156

Ion	Ratio	Lower	Upper
276	100		
138	16.6	9.3	13.9#
277	28.5	19.9	29.9



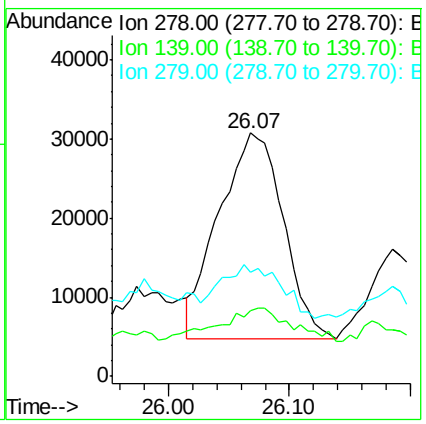


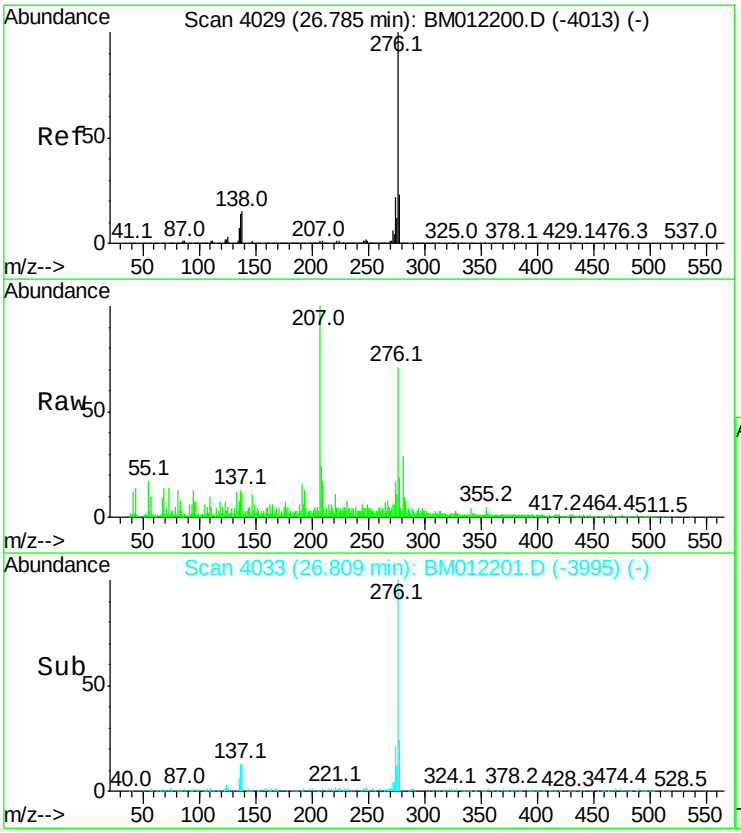
#90
Dibenzo(a,h)anthracene
Concen: 3.096 ng/ul
RT: 26.07 min Scan# 3907
Delta R.T. 0.01 min
Lab File: BM012201.D
Acq: 15 Oct 2017 10:22

Instrument :
BNA_M
ClientSampleId :
C0AF7

Tgt Ion:278 Resp: 96208

Ion	Ratio	Lower	Upper
278	100		
139	26.9	5.8	8.8#
279	42.6	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 12.621 ng/ul
RT: 26.81 min Scan# 4033
Delta R.T. 0.02 min
Lab File: BM012201.D
Acq: 15 Oct 2017 10:22

Tgt Ion:276 Resp: 382066

Ion	Ratio	Lower	Upper
276	100		
138	15.3	8.5	12.7#
277	27.2	18.6	28.0