Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
Data File : BM012392.D
Acq On : 22 Oct 2017 11:43
Operator : SJ/JU
Sample : I5756-18
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 23 08:37:55 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 08:22:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	240309	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1041166	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	634651	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1471157	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1328188	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1086302	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	16376	3.24	ng/uL	0.00
5) Phenol-d5	6.94	99	410976	21.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	257506	22.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	371766	22.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	313583	18.68	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	179558	22.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	218059	23.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	395693	22.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	381572	23.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1381601	24.63	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1689658	24.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	113067	13.41	ng/ul	0.01
57) Fluorene-d10	15.41	176	1192945	25.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	125368	12.42	ng/ul	0.00
70) Anthracene-d10	17.27	188	1806611	24.84	ng/ul	0.00
76) Pyrene-d10	19.57	212	2081486	30.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	1373103	26.22	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.97	94	112252	5.569	ng/ul#	88
44) Dimethylphthalate	13.87	163	768332	13.672	ng/ul	99
69) Phenanthrene	17.21	178	155656	1.860	ng/ul	99
71) Anthracene	17.21	178	155656	1.797	ng/ul	99
74) Fluoranthene	19.23	202	319908	3.167	ng/ul#	97
77) Pyrene	19.59	202	311308	3.549	ng/ul	99
80) Benzo(a)anthracene	21.34	228	131376	1.520	ng/ul	96
82) Chrysene	21.34	228	131376	1.619	ng/ul	96
85) Benzo(b)fluoranthene	22.95	252	155245	2.190	ng/ul#	82
86) Benzo(k)fluoranthene	22.95	252	155245	2.272	ng/ul#	83
88) Benzo(a)pyrene	23.54	252	106307	1.591	ng/ul#	84
89) Indeno(1,2,3-cd)pyrene	25.98	276	80591	1.136	ng/ul#	93
91) Benzo(g,h,i)perylene	26.71	276	93170	1.603	ng/ul#	94

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

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Quant Title : SVOA CALIBRATION
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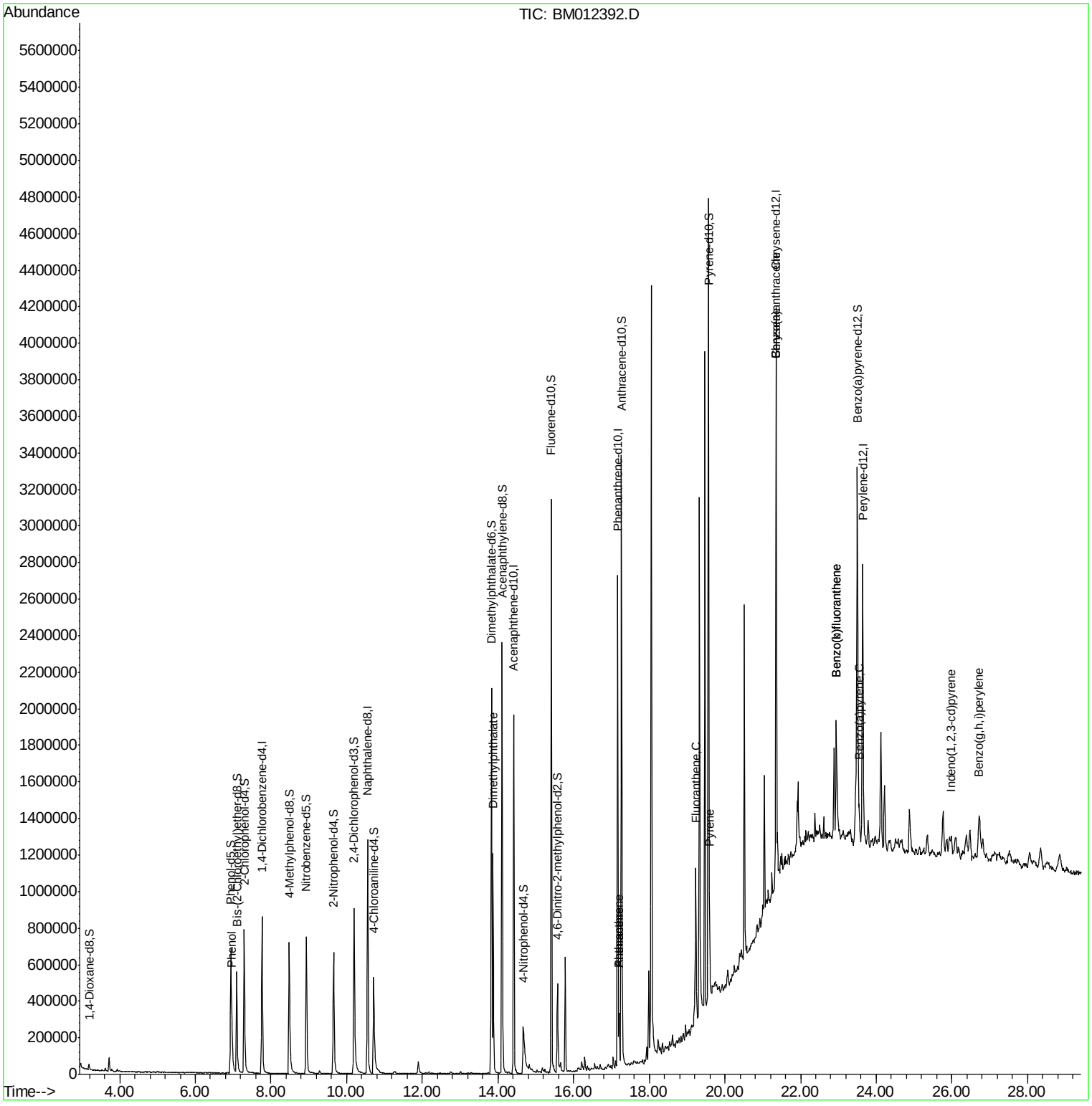
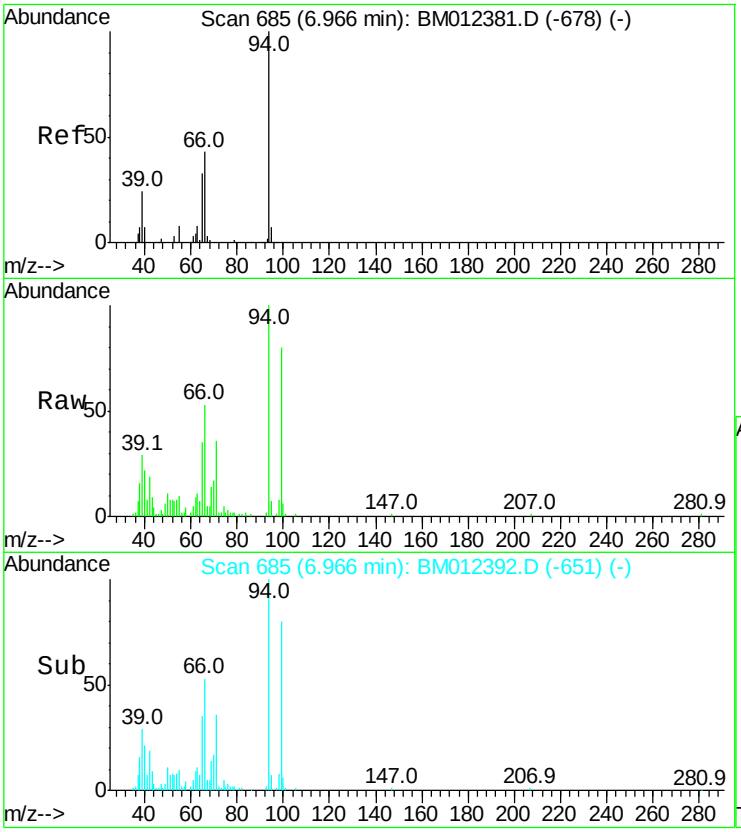


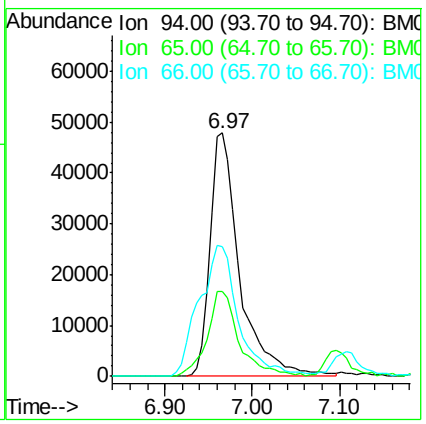


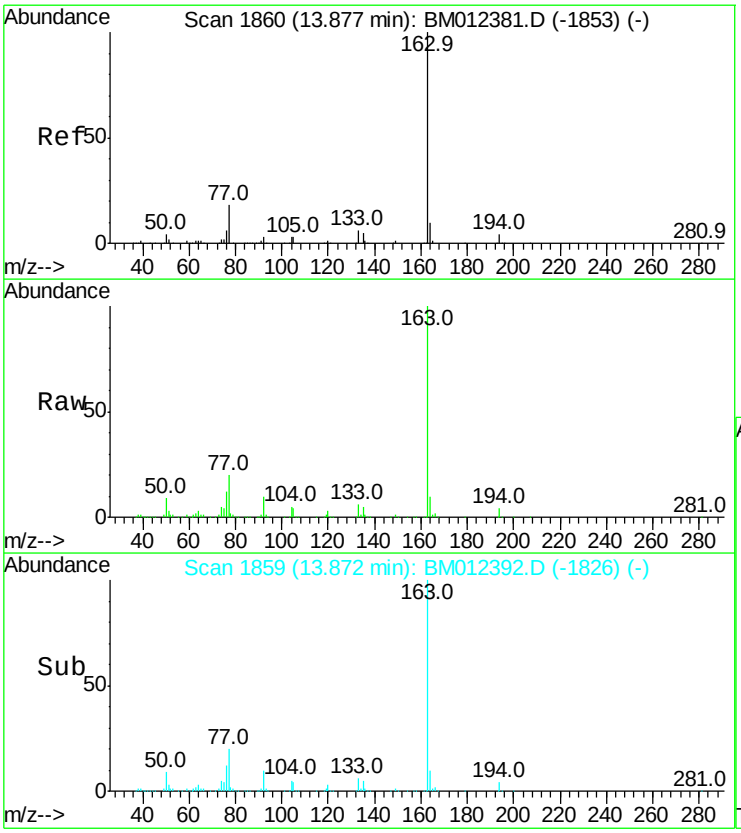
#6
Phenol
Concen: 5.569 ng/ul
RT: 6.97 min Scan# 685
Delta R.T. 0.00 min
Lab File: BM012392.D
Acq: 22 Oct 2017 11:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 112252

Ion	Ratio	Lower	Upper
94	100		
65	34.8	24.4	36.6
66	53.1	35.0	52.4#

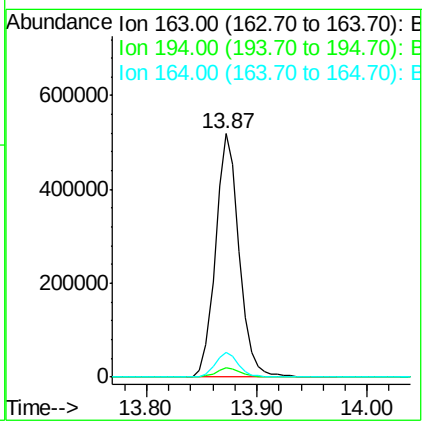


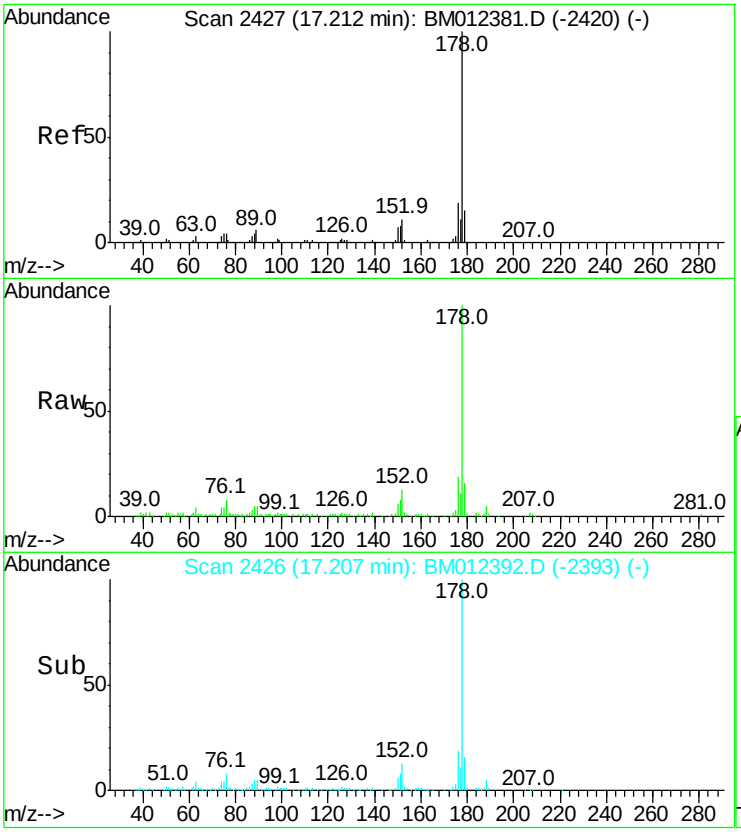


#44
Dimethylphthalate
Concen: 13.672 ng/ul
RT: 13.87 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BM012392.D
Acq: 22 Oct 2017 11:43

Tgt Ion:163 Resp: 768332

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.7	5.5
164	10.3	8.1	12.1



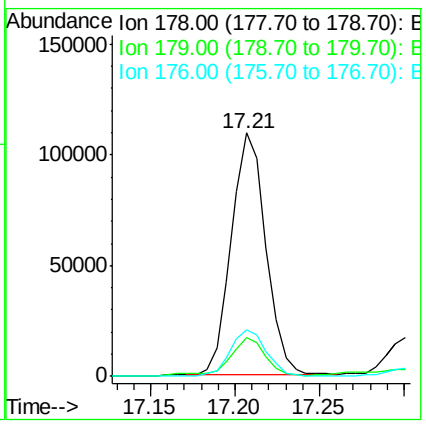


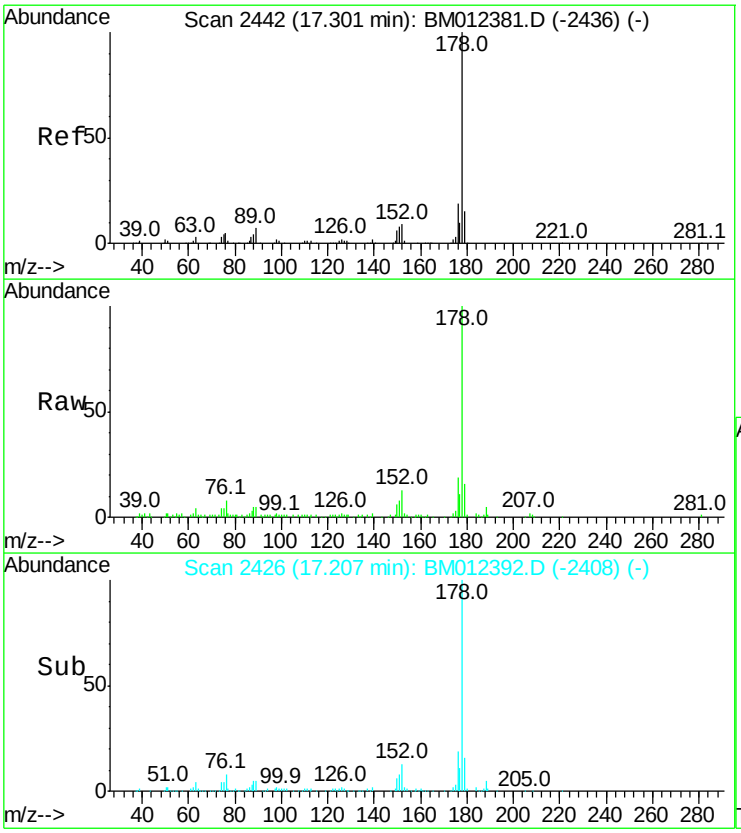
#69
Phenanthrene
Concen: 1.860 ng/ul
RT: 17.21 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BM012392.D
Acq: 22 Oct 2017 11:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 155656

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.0	18.0
176	19.1	15.0	22.6

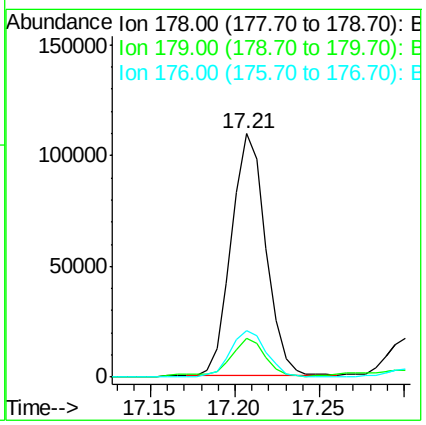


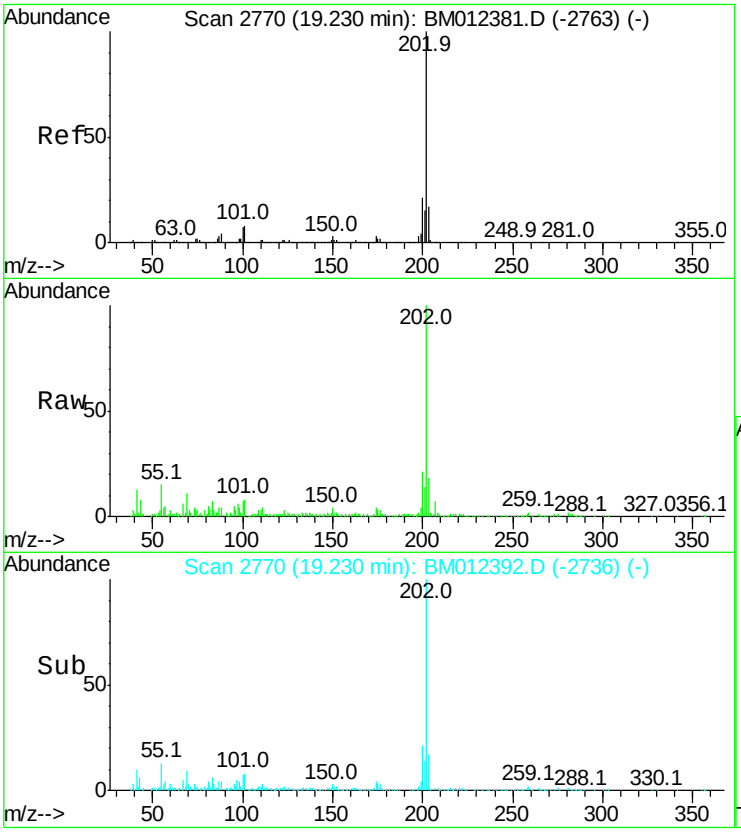


#71
Anthracene
Concen: 1.797 ng/ul
RT: 17.21 min Scan# 2426
Delta R.T. -0.09 min
Lab File: BM012392.D
Acq: 22 Oct 2017 11:43

Tgt Ion:178 Resp: 155656

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	19.1	14.7	22.1



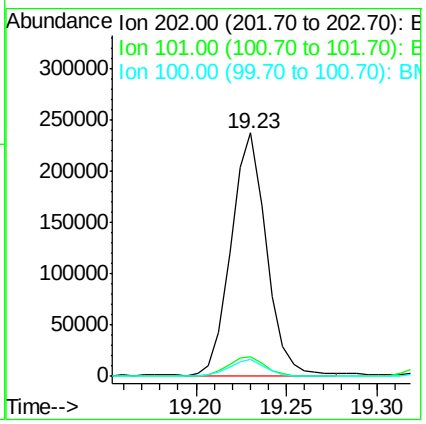


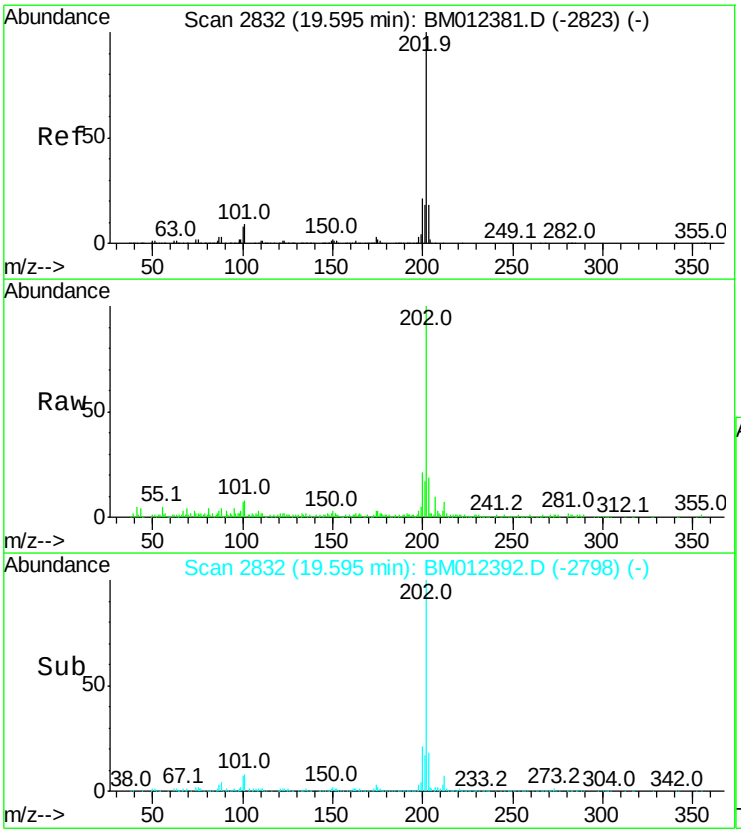
#74
Fluoranthene
Concen: 3.167 ng/ul
RT: 19.23 min Scan# 2770
Delta R.T. 0.00 min
Lab File: BM012392.D
Acq: 22 Oct 2017 11:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 319908

Ion	Ratio	Lower	Upper
202	100		
101	8.1	5.8	8.6
100	6.8	4.3	6.5#

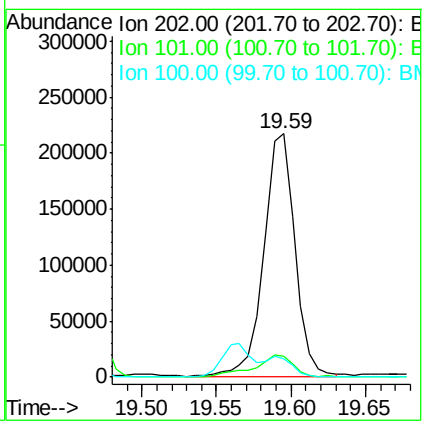


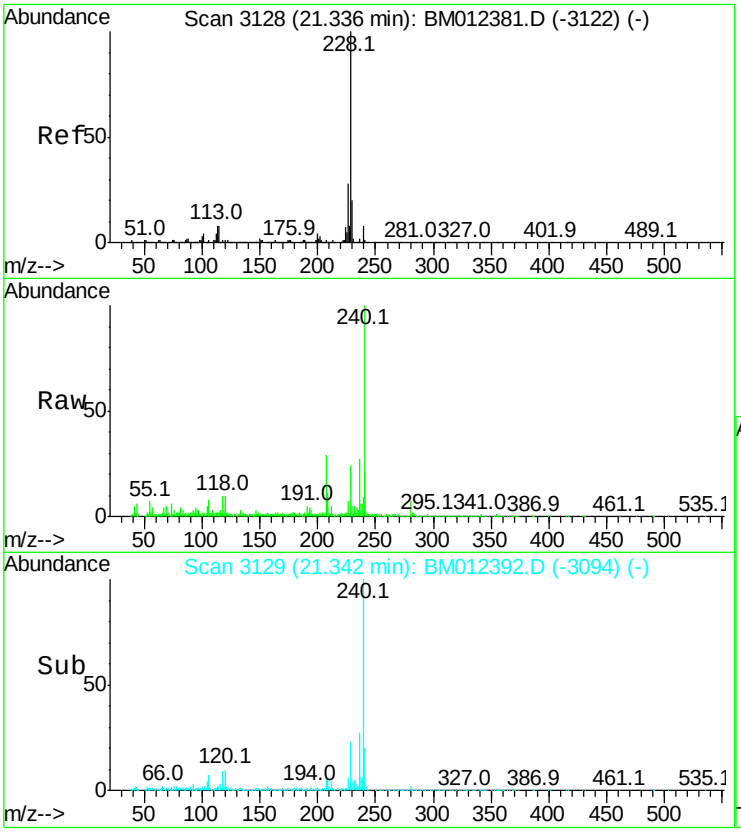


#77
Pyrene
Concen: 3.549 ng/ul
RT: 19.59 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BM012392.D
Acq: 22 Oct 2017 11:43

Tgt Ion:202 Resp: 311308

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.5	9.7
100	7.4	5.6	8.4



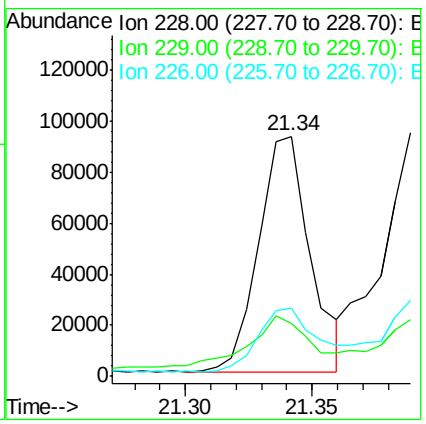


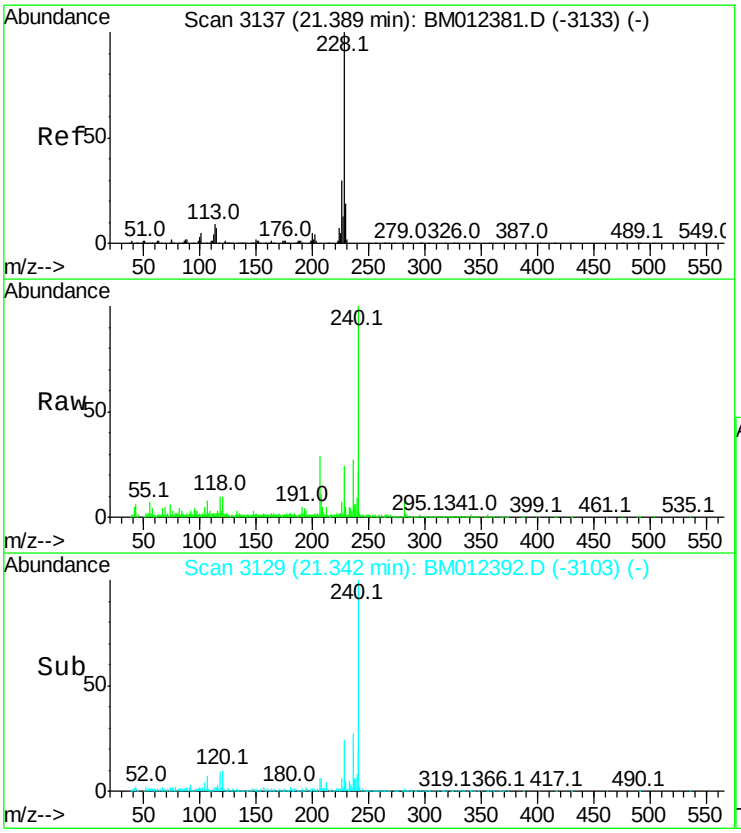
#80
Benzo(a)anthracene
Concen: 1.520 ng/ul
RT: 21.34 min Scan# 3129
Delta R.T. 0.01 min
Lab File: BM012392.D
Acq: 22 Oct 2017 11:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 131376

Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.8	23.8
226	28.3	21.4	32.2

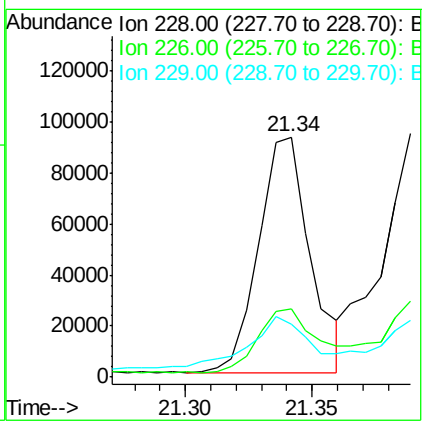


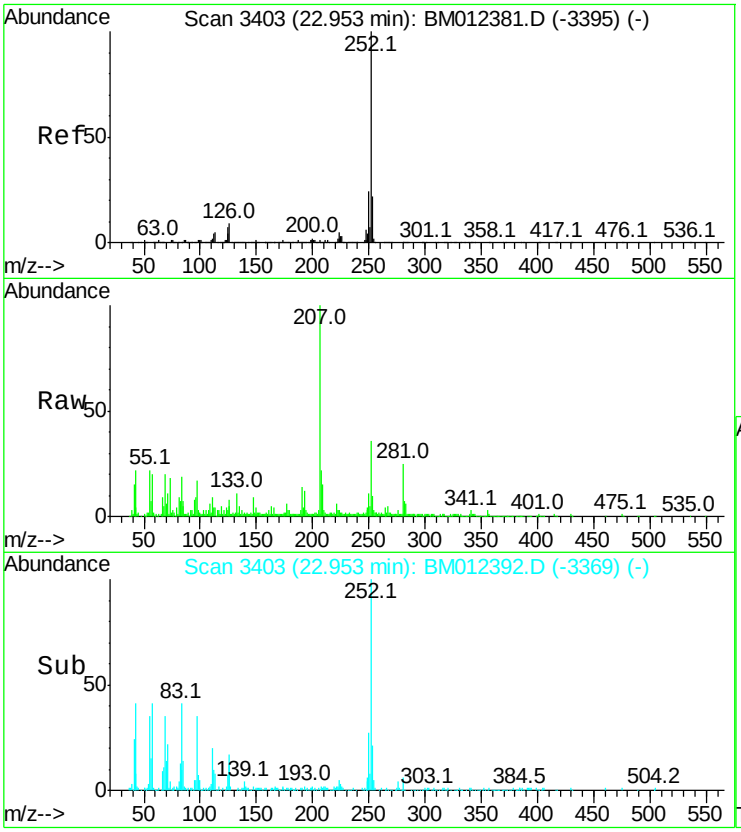


#82
Chrysene
Concen: 1.619 ng/ul
RT: 21.34 min Scan# 3129
Delta R.T. -0.05 min
Lab File: BM012392.D
Acq: 22 Oct 2017 11:43

Tgt Ion:228 Resp: 131376

Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.0	36.0
229	22.2	15.5	23.3



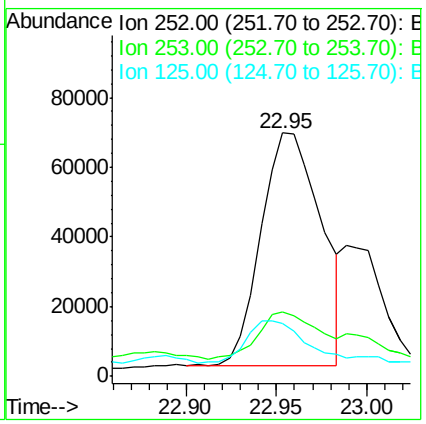


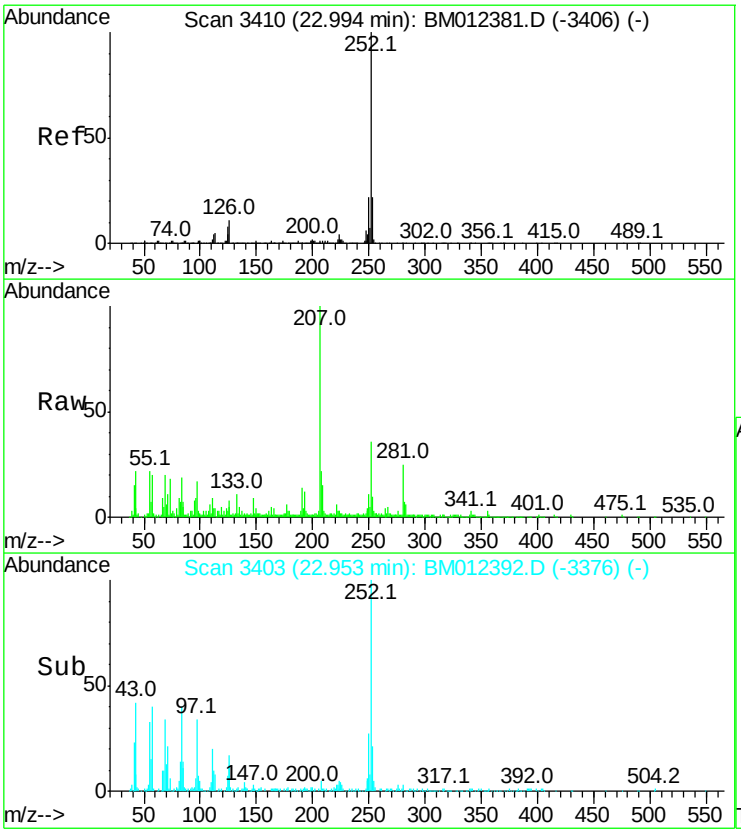
#85
Benzo(b)fluoranthene
Concen: 2.190 ng/ul
RT: 22.95 min Scan# 3403
Delta R.T. 0.00 min
Lab File: BM012392.D
Acq: 22 Oct 2017 11:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 155245

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.4	26.2#
125	21.7	5.1	7.7#

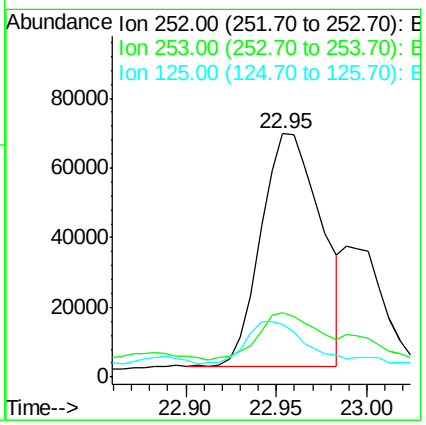


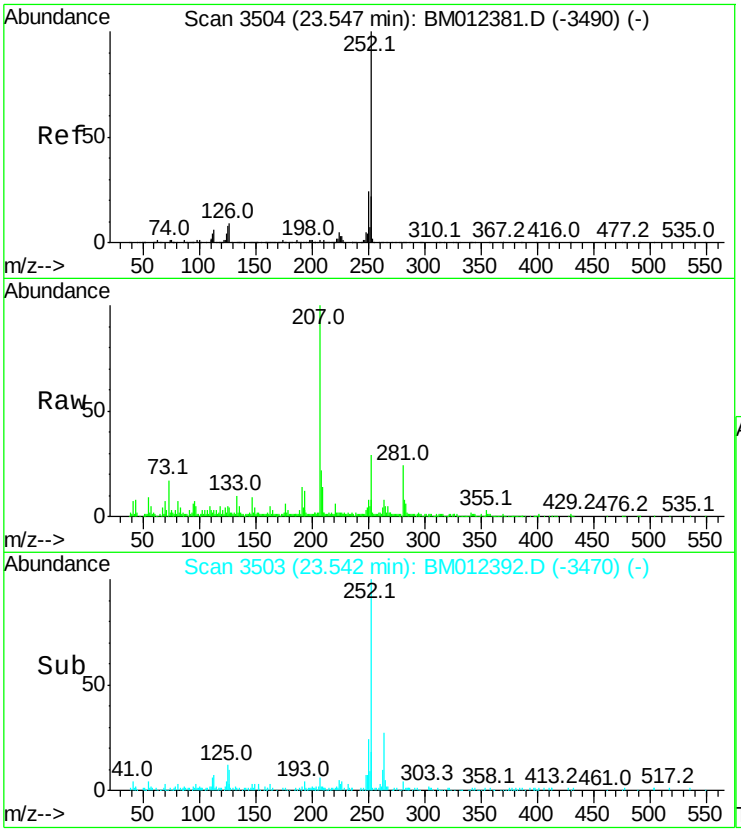


#86
Benzo(k)fluoranthene
Concen: 2.272 ng/ul
RT: 22.95 min Scan# 3403
Delta R.T. -0.04 min
Lab File: BM012392.D
Acq: 22 Oct 2017 11:43

Tgt Ion:252 Resp: 155245

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.8	26.6
125	21.7	4.9	7.3#



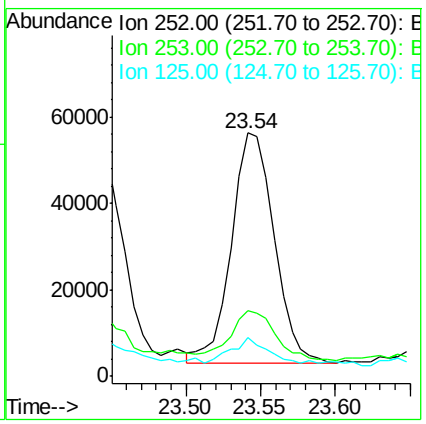


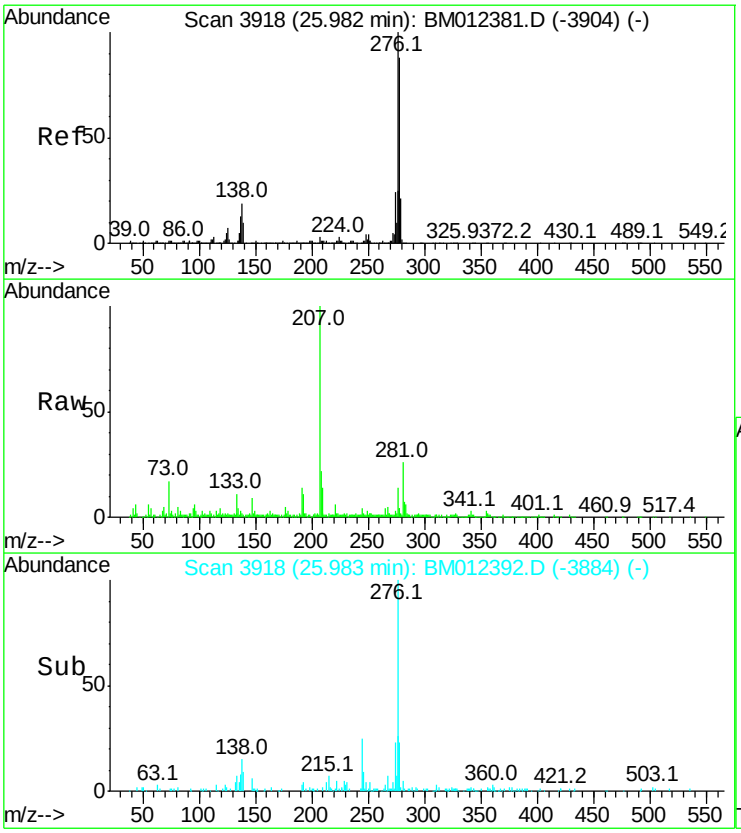
#88
Benzo(a)pyrene
Concen: 1.591 ng/ul
RT: 23.54 min Scan# 3503
Delta R.T. -0.01 min
Lab File: BM012392.D
Acq: 22 Oct 2017 11:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 106307

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.1	25.7#
125	16.1	5.2	7.8#

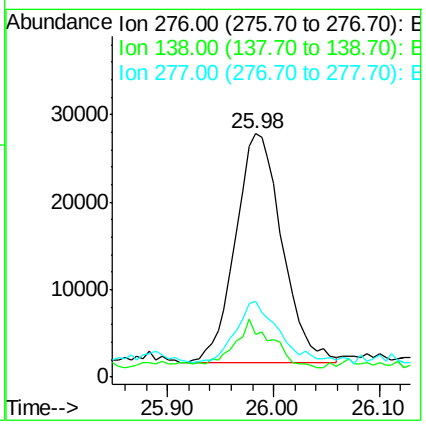


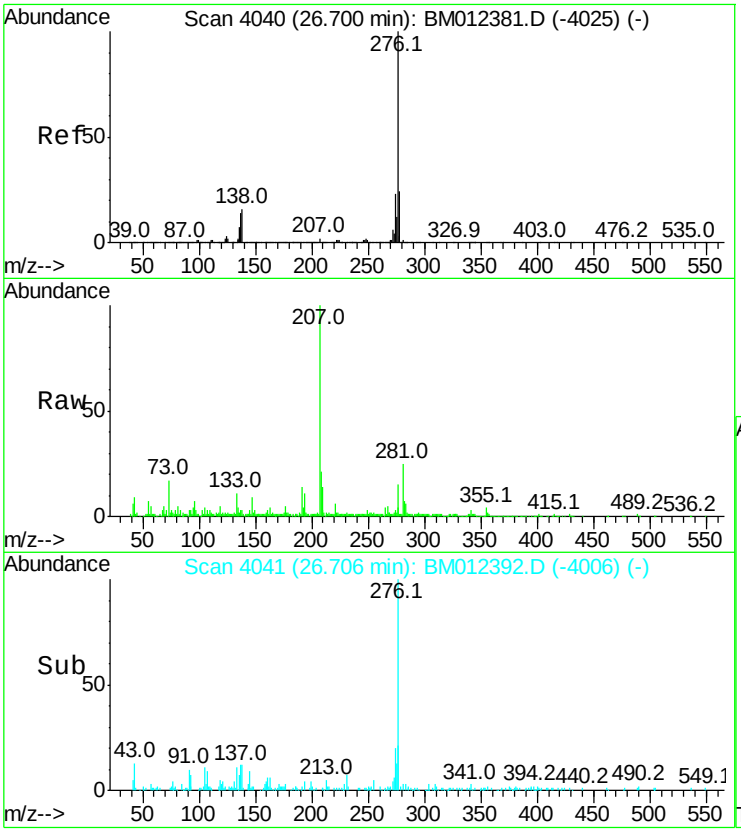


#89
Indeno(1,2,3-cd)pyrene
Concen: 1.136 ng/ul
RT: 25.98 min Scan# 3918
Delta R.T. 0.00 min
Lab File: BM012392.D
Acq: 22 Oct 2017 11:43

Tgt Ion:276 Resp: 80591

Ion	Ratio	Lower	Upper
276	100		
138	17.7	13.2	19.8
277	31.0	20.6	31.0#





#91
Benzo(g,h,i)perylene
Concen: 1.603 ng/ul
RT: 26.71 min Scan# 4041
Delta R.T. 0.01 min
Lab File: BM012392.D
Acq: 22 Oct 2017 11:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 93170

Ion	Ratio	Lower	Upper
276	100		
138	17.1	10.7	16.1#
277	25.4	19.0	28.4