Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050417\

Quantitation Report (Not Reviewed)

Data File : BM009892.D
Acq On : 04 May 2017 16:57
Operator : SJ/MA
Sample : I2871-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YAB15

Quant Time: May 05 01:35:15 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 05 01:34:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	131307	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	555925	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	353008	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.22	188	826096	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	791293	20.00	ng/ul	0.01
83) Perylene-d12	23.73	264	757766	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	10629	3.73	ng/uL	0.00
5) Phenol-d5	7.00	99	320681	22.48	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.14	67	215667	22.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	213523	23.53	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	242881	21.84	ng/ul	0.01
19) Nitrobenzene-d5	8.97	128	104921	23.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	118890	24.97	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	234412	24.62	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	113586	9.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	715308	23.29	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	945021	25.52	ng/ul	0.01
51) 4-Nitrophenol-d4	14.73	143	104692	17.67	ng/ul	0.03
57) Fluorene-d10	15.46	176	681331	24.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	20628	3.54	ng/ul	0.01
70) Anthracene-d10	17.32	188	1081976	25.51	ng/ul	0.00
76) Pyrene-d10	19.62	212	1123385	32.17	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.59	264	985768	26.75	ng/ul	0.03
Target Compounds						Qvalue
44) Dimethylphthalate	13.92	163	194859	6.41	ng/ul	97
69) Phenanthrene	17.26	178	101456	2.14	ng/ul	99
71) Anthracene	17.26	178	101456	2.04	ng/ul	100
74) Fluoranthene	19.27	202	197713	3.30	ng/ul#	90
77) Pyrene	19.64	202	185415	4.15	ng/ul#	83
80) Benzo(a)anthracene	21.39	228	57037	1.22	ng/ul#	53
81) Bis(2-ethylhexyl)phthalate	21.29	149	33250	1.18	ng/ul#	80
82) Chrysene	21.44	228	135734	3.21	ng/ul#	81
85) Benzo(b)fluoranthene	23.03	252	73595	1.50	ng/ul#	5

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

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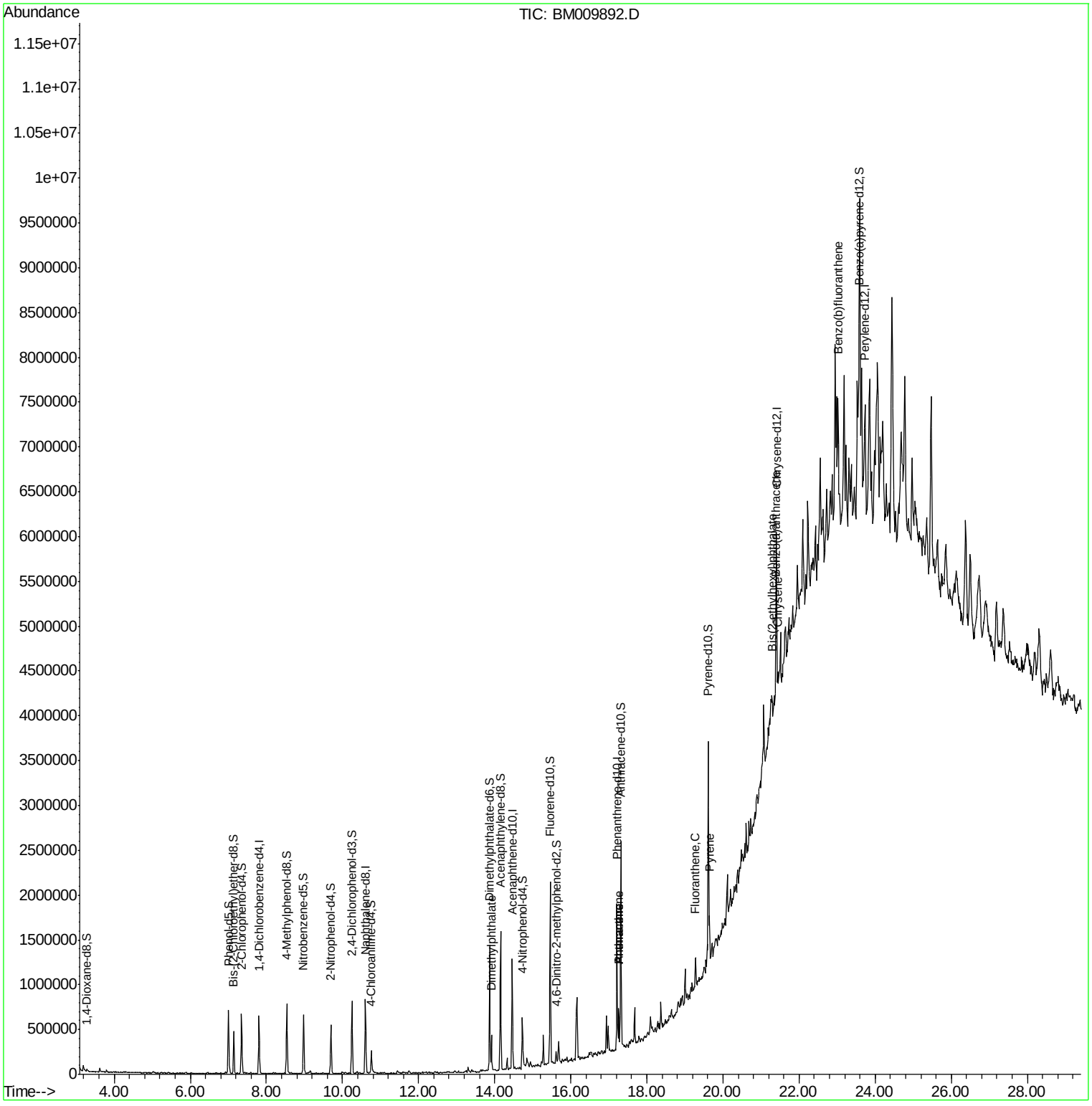
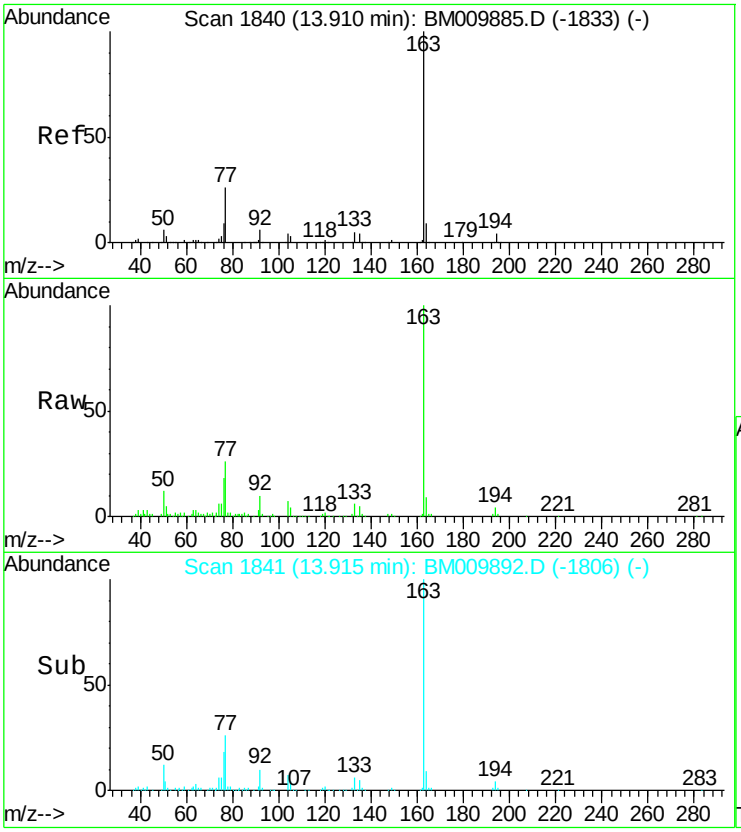


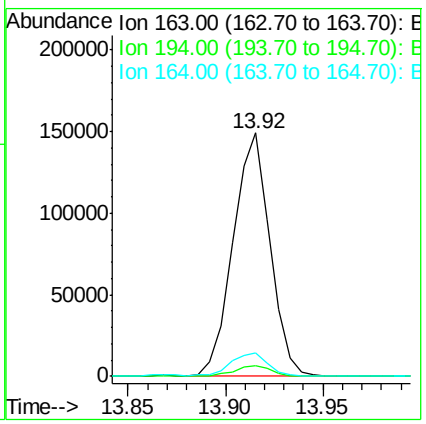


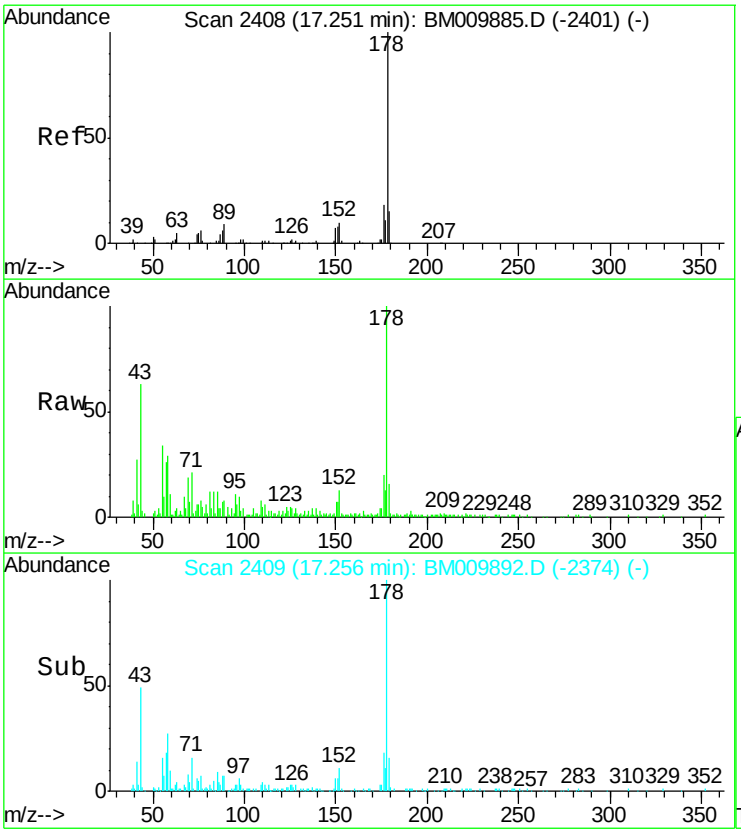
#44
Dimethylphthalate
Concen: 6.41 ng/ul
RT: 13.92 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BM009892.D
Acq: 04 May 2017 16:57

Instrument :
BNA_M
ClientSampleId :
YAB15

Tgt Ion:163 Resp: 194859

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	9.4	8.6	12.8

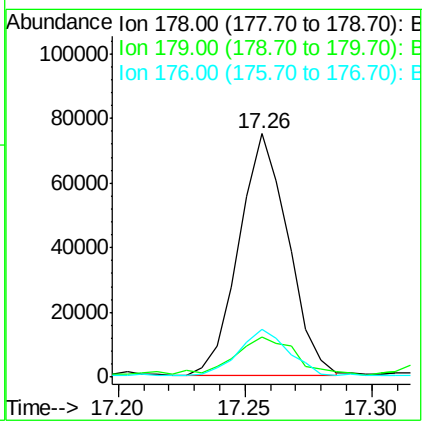


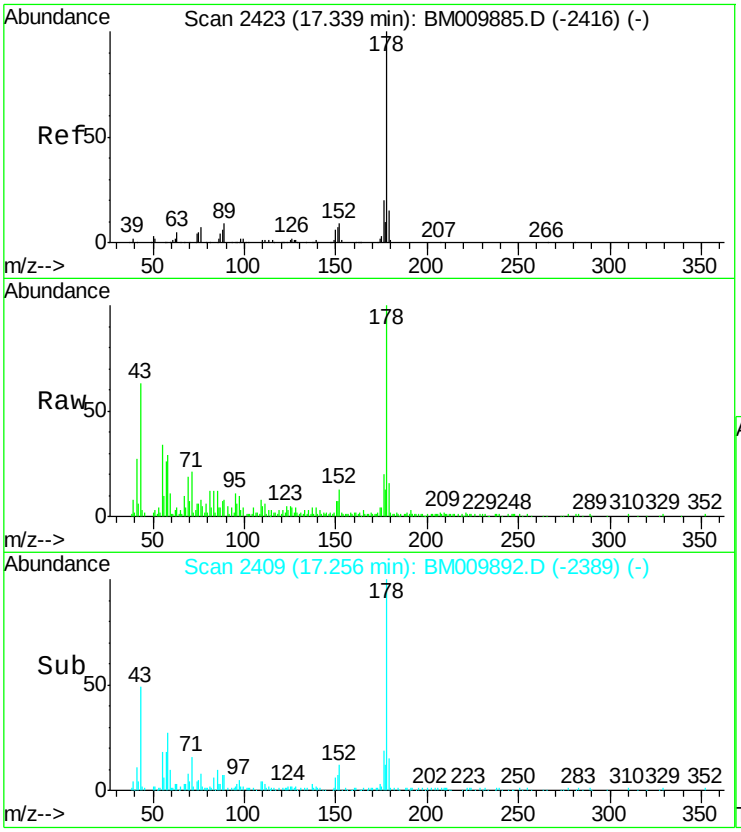


#69
Phenanthrene
Concen: 2.14 ng/ul
RT: 17.26 min Scan# 2409
Delta R.T. 0.01 min
Lab File: BM009892.D
Acq: 04 May 2017 16:57

Tgt Ion:178 Resp: 101456

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.6	19.0
176	19.7	15.8	23.6



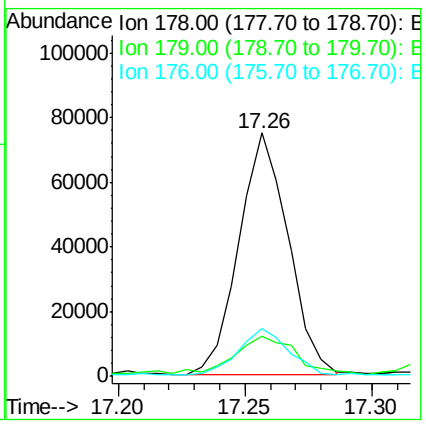


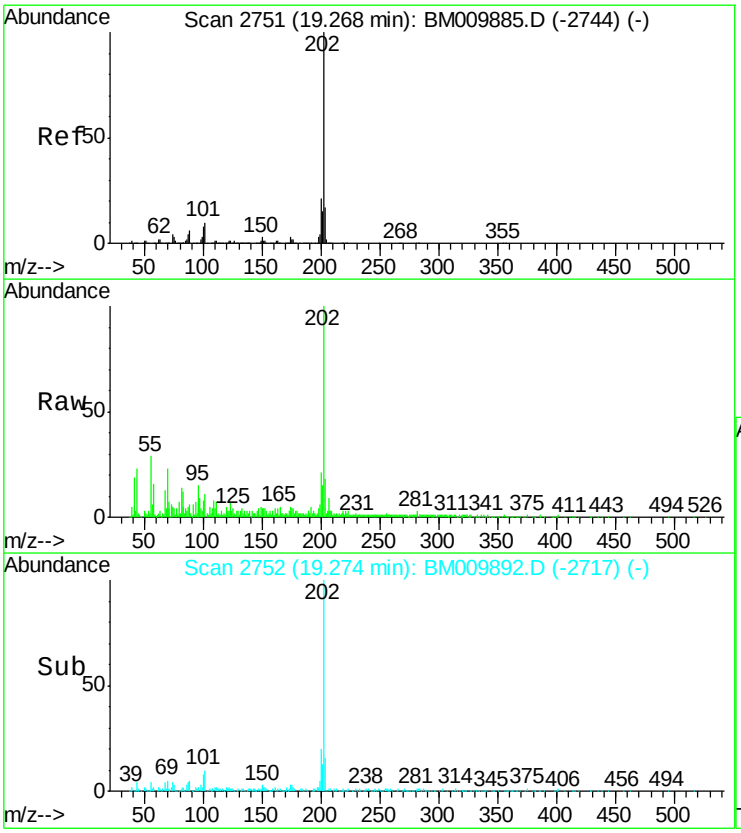
#71
Anthracene
Concen: 2.04 ng/ul
RT: 17.26 min Scan# 2409
Delta R.T. -0.08 min
Lab File: BM009892.D
Acq: 04 May 2017 16:57

Instrument :
BNA_M
ClientSampleId :
YAB15

Tgt Ion:178 Resp: 101456

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.1	19.7
176	19.7	15.6	23.4

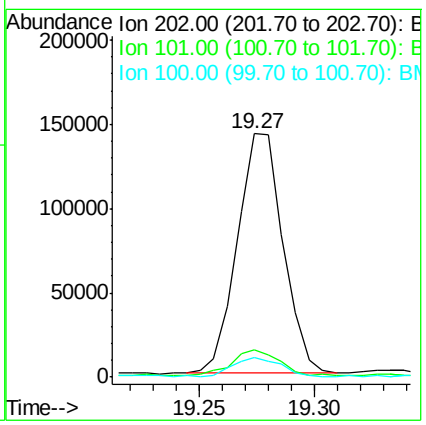


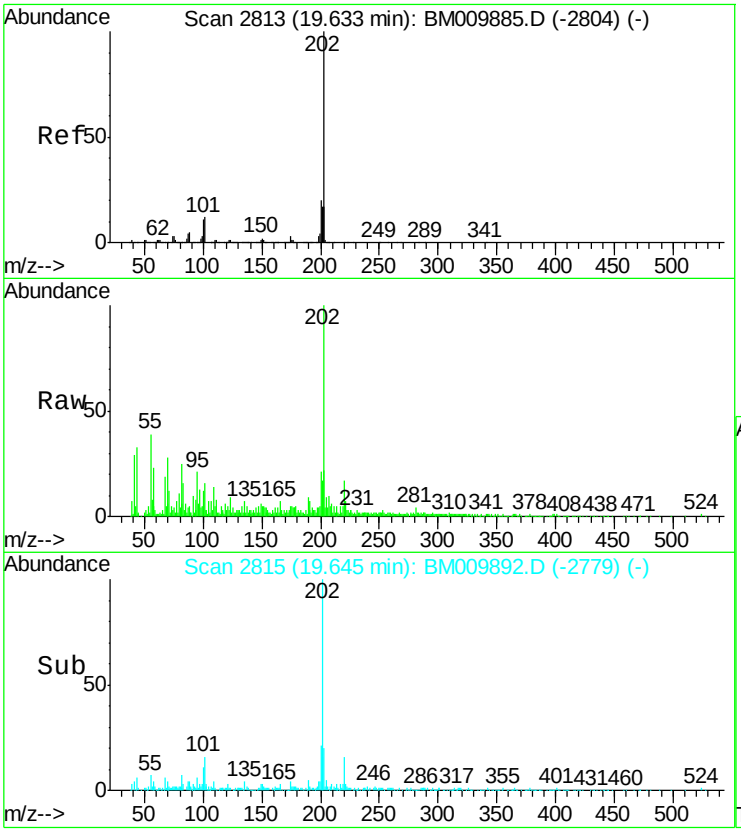


#74
Fluoranthene
Concen: 3.30 ng/ul
RT: 19.27 min Scan# 2752
Delta R.T. 0.01 min
Lab File: BM009892.D
Acq: 04 May 2017 16:57

Tgt Ion:202 Resp: 197713

Ion	Ratio	Lower	Upper
202	100		
101	11.4	5.7	8.5#
100	8.3	4.6	7.0#



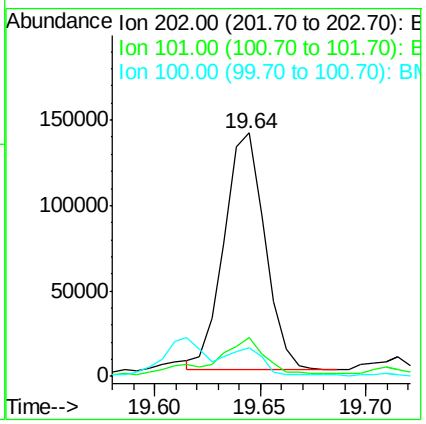


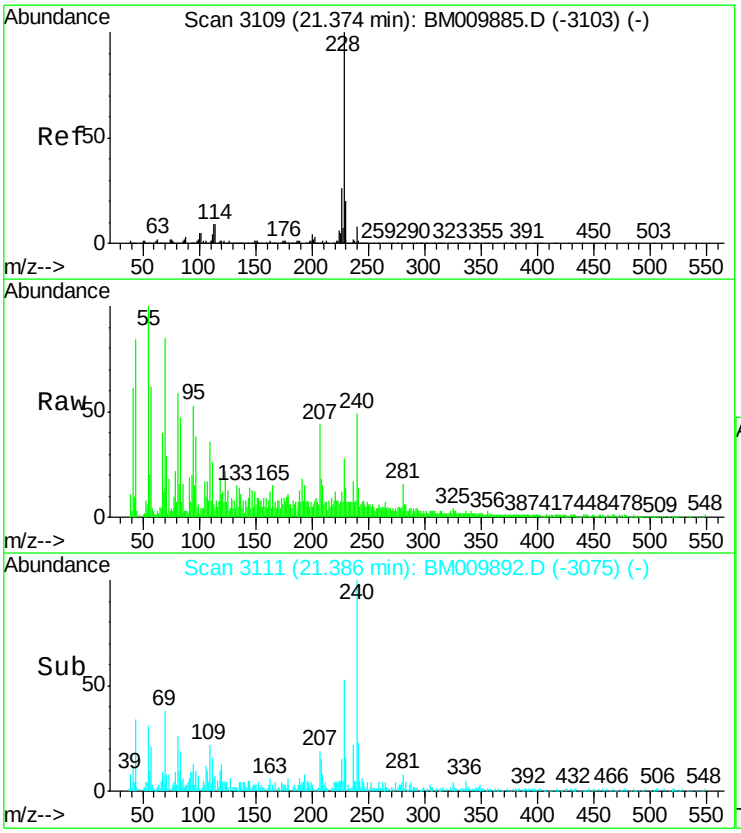
#77
Pyrene
Concen: 4.15 ng/ul
RT: 19.64 min Scan# 2815
Delta R.T. 0.01 min
Lab File: BM009892.D
Acq: 04 May 2017 16:57

Instrument :
BNA_M
ClientSampleId :
YAB15

Tgt Ion:202 Resp: 185415

Ion	Ratio	Lower	Upper
202	100		
101	16.1	6.2	9.4#
100	11.6	6.4	9.6#

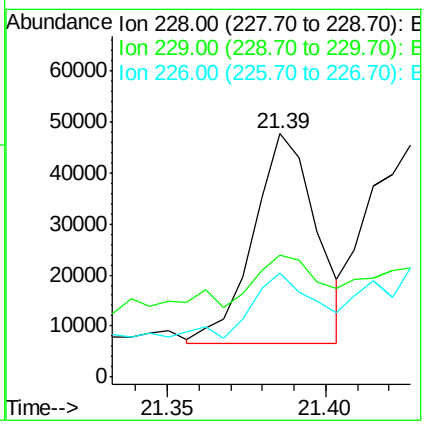


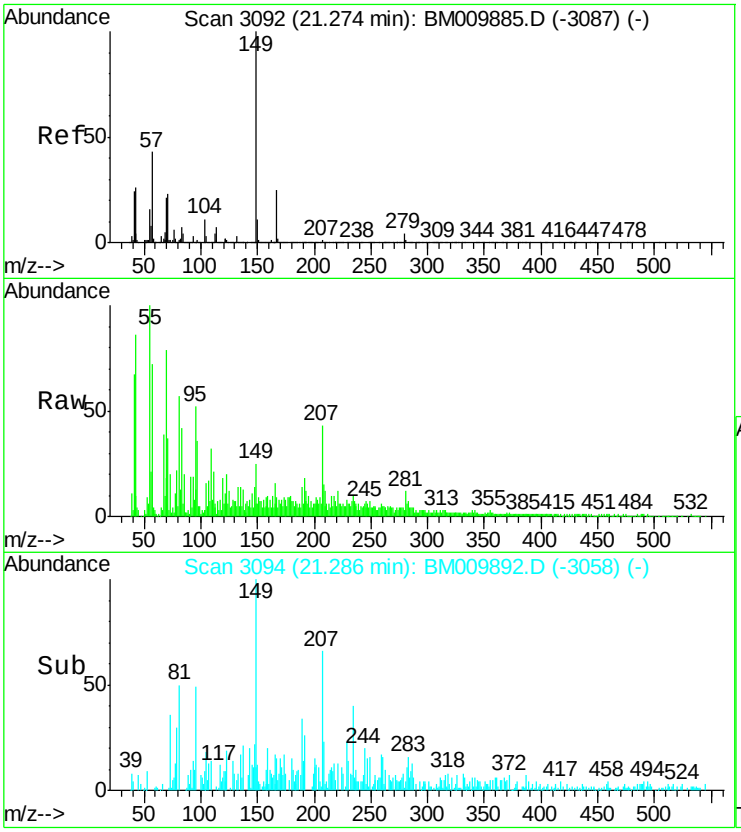


#80
Benzo(a)anthracene
Concen: 1.22 ng/ul
RT: 21.39 min Scan# 3111
Delta R.T. 0.01 min
Lab File: BM009892.D
Acq: 04 May 2017 16:57

Tgt Ion:228 Resp: 57037

Ion	Ratio	Lower	Upper
228	100		
229	49.9	15.4	23.2#
226	42.8	21.2	31.8#



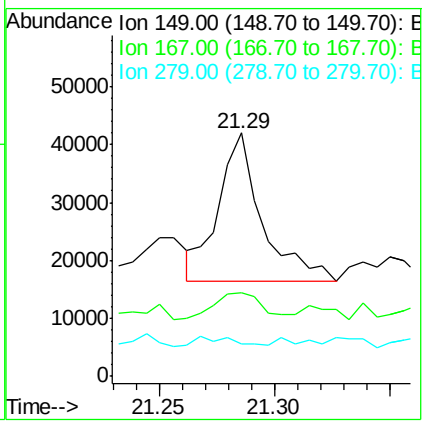


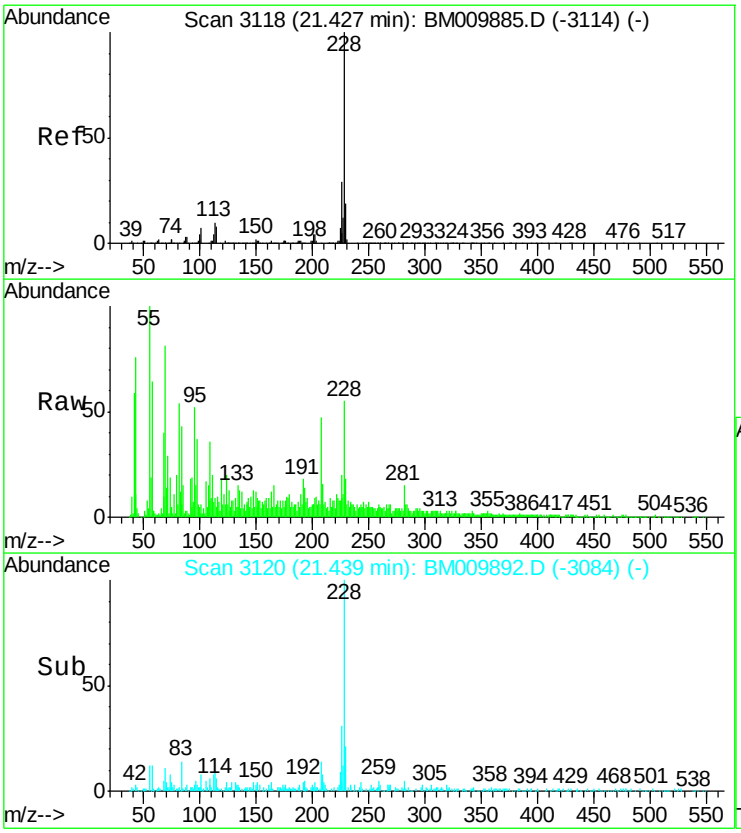
#81
Bis(2-ethylhexyl)phthalate
Concen: 1.18 ng/ul
RT: 21.29 min Scan# 3094
Delta R.T. 0.01 min
Lab File: BM009892.D
Acq: 04 May 2017 16:57

Instrument :
BNA_M
ClientSampleId :
YAB15

Tgt Ion:149 Resp: 33250

Ion	Ratio	Lower	Upper
149	100		
167	34.5	20.2	30.2#
279	13.1	4.0	6.0#

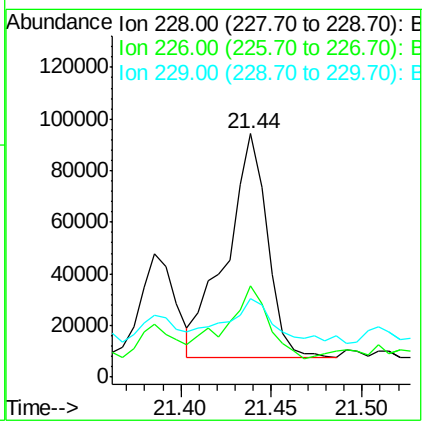


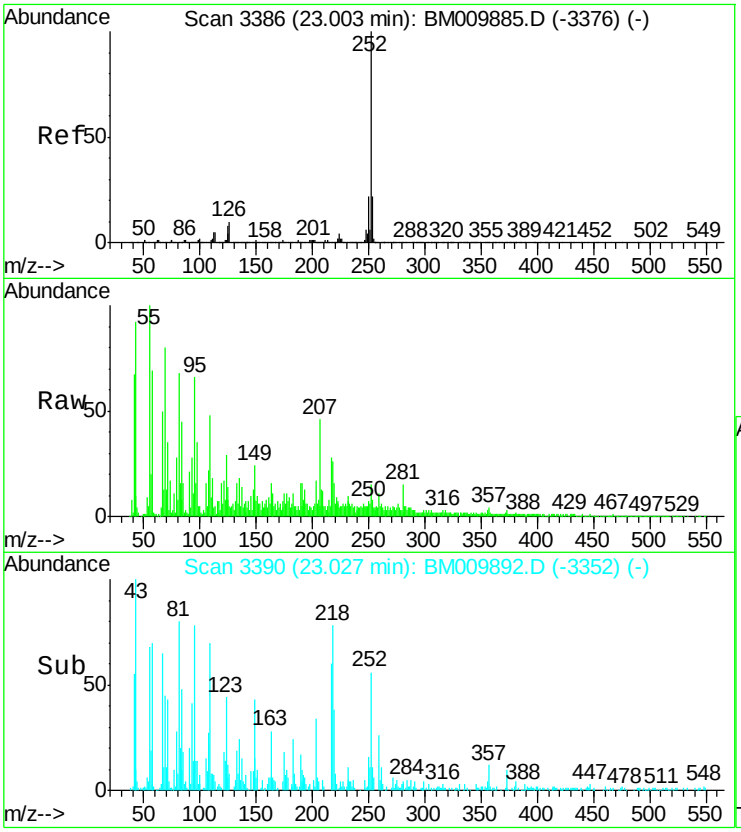


#82
Chrysene
Concen: 3.21 ng/ul
RT: 21.44 min Scan# 3120
Delta R.T. 0.01 min
Lab File: BM009892.D
Acq: 04 May 2017 16:57

Tgt Ion:228 Resp: 135734

Ion	Ratio	Lower	Upper
228	100		
226	37.4	23.9	35.9#
229	32.1	15.4	23.2#





#85
Benzo(b)fluoranthene
Concen: 1.50 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. 0.02 min
Lab File: BM009892.D
Acq: 04 May 2017 16:57

Instrument :
BNA_M
ClientSampleId :
YAB15

Tgt Ion:252 Resp: 73595

Ion	Ratio	Lower	Upper
252	100		
253	49.6	17.0	25.4#
125	88.7	3.7	5.5#