Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112918\
Data File : BM017814.D
Acq On : 30 Nov 2018 02:09
Operator : JU/SJ
Sample : J6041-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB500

Quant Time: Nov 30 02:53:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 29 00:55:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	275088	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1177683	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	646758	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1229041	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	866047	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	904433	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	6.91	67	1043	0.07	ng/ul	-0.03
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	8.91	128	170	0.02	ng/ul	0.16
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.47	131	7559	0.45	ng/ul	-0.04
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	14.47	143	106	0.01	ng/ul	0.00
57) Fluorene-d10	15.23	176	3599	0.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	16.99	188	1229041	20.09	ng/ul	-0.10
78) Pyrene-d10	19.42	212	304	0.01	ng/ul	0.03
89) Benzo(a)pyrene-d12	23.37	264	894429	18.23	ng/ul	0.13
Target Compounds						Qvalue
49) Acenaphthene	14.30	153	80179	1.754	ng/ul	98
53) Dibenzofuran	14.64	168	87896	1.359	ng/ul	98
58) Fluorene	15.29	166	136666	2.534	ng/ul	97
69) Phenanthrene	17.03	178	1031425	14.675	ng/ul	99
71) Anthracene	17.13	178	123528	1.719	ng/ul	97
76) Fluoranthene	19.06	202	1360307	16.455	ng/ul	100
79) Pyrene	19.42	202	755198	14.365	ng/ul	99
82) Benzo(a)anthracene	21.18	228	408923	7.613	ng/ul	99
84) Chrysene	21.23	228	427929	8.518	ng/ul	98
87) Benzo(b)fluoranthene	22.73	252	321272	5.715	ng/ul	95
88) Benzo(k)fluoranthene	22.73	252	321272	5.880	ng/ul	96

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

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Misc :
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Instrument :
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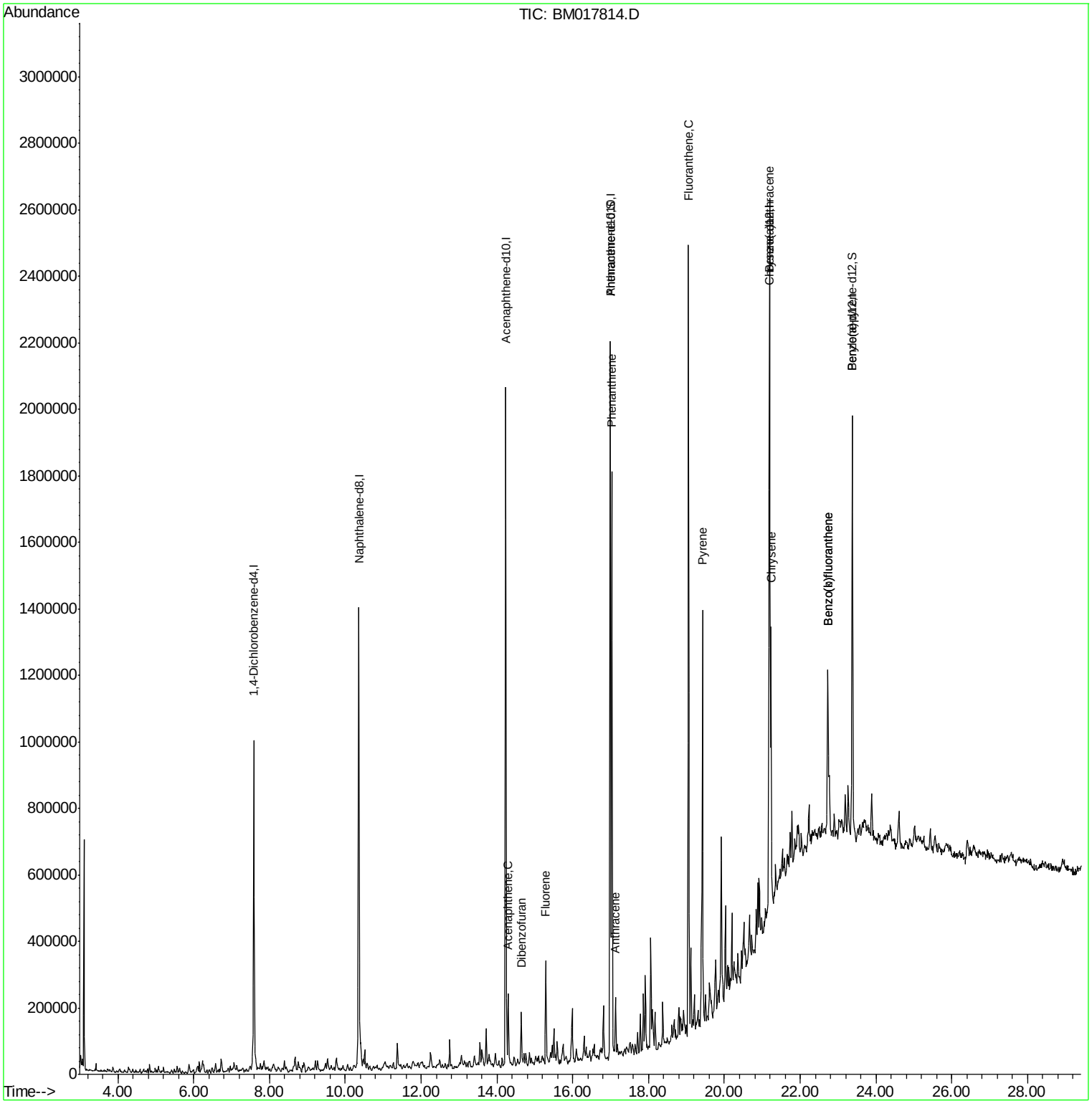
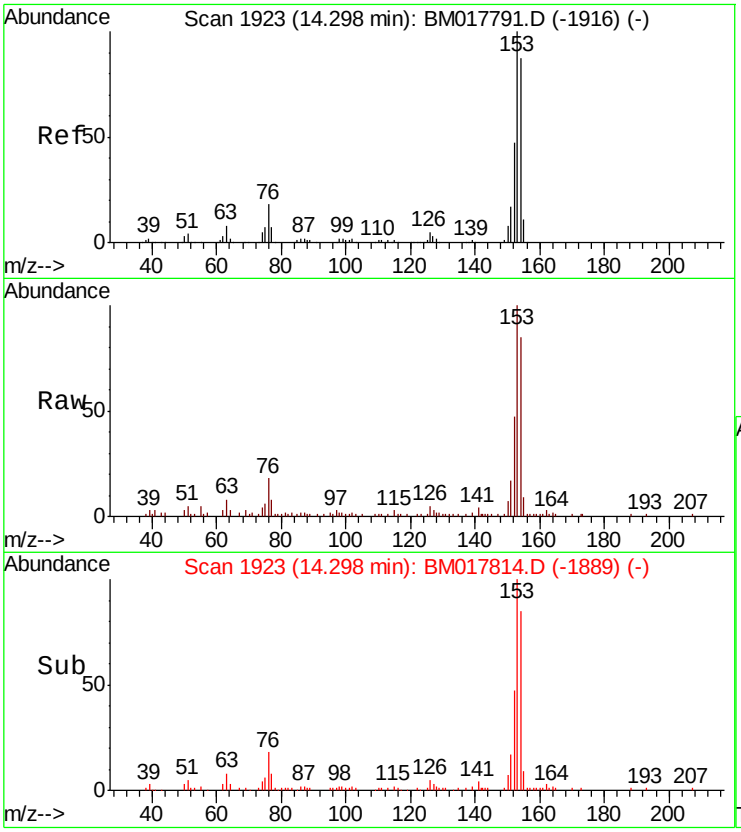


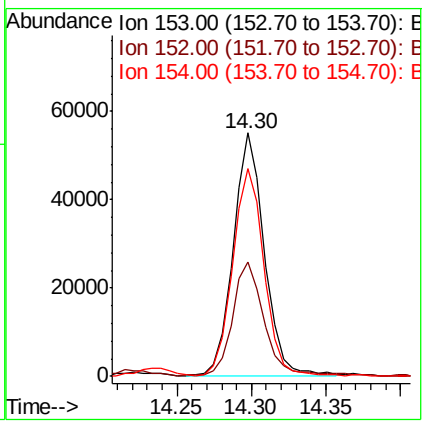


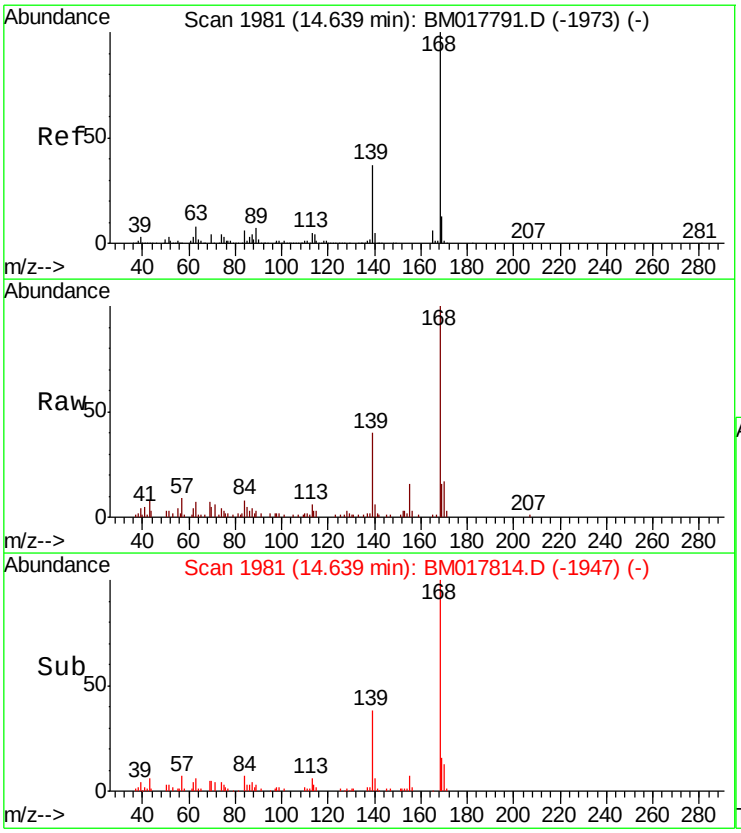
#49
Acenaphthene
Concen: 1.754 ng/ul
RT: 14.30 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BM017814.D
Acq: 30 Nov 2018 02:09

Instrument :
BNA_M
ClientSampleId :
CB500

Tgt Ion:153 Resp: 80179

Ion	Ratio	Lower	Upper
153	100		
152	47.0	37.0	55.6
154	85.3	70.6	106.0

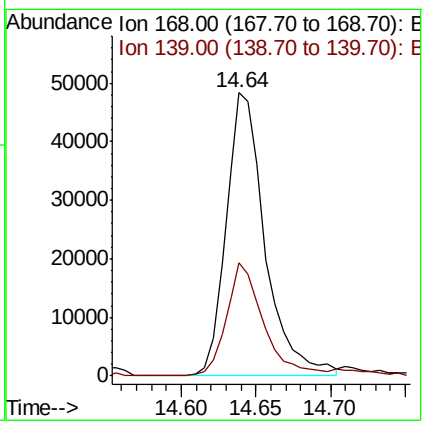


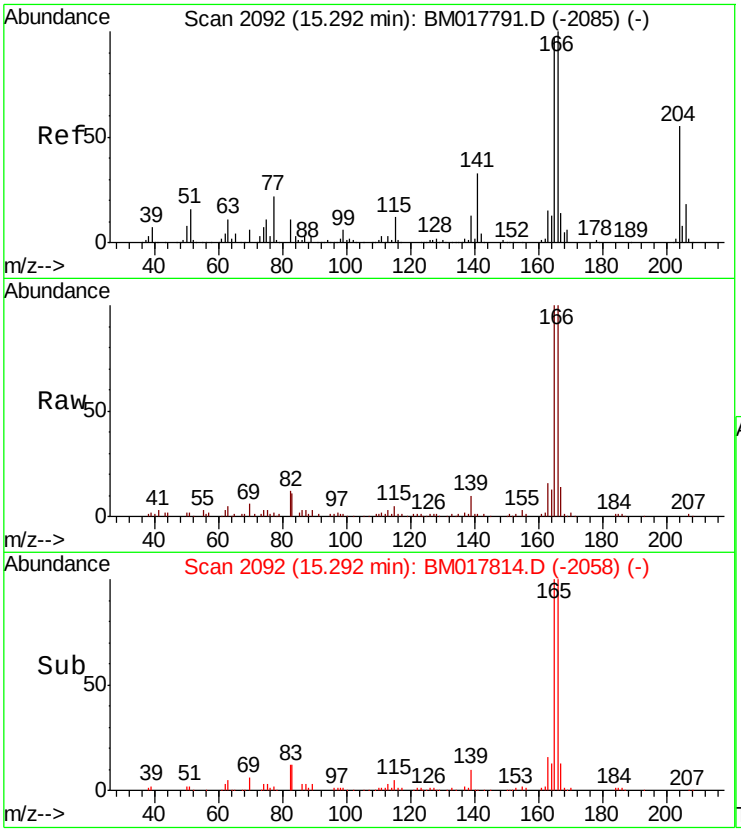


#53
Dibenzofuran
Concen: 1.359 ng/ul
RT: 14.64 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BM017814.D
Acq: 30 Nov 2018 02:09

Tgt Ion:168 Resp: 87896

Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.6	46.0



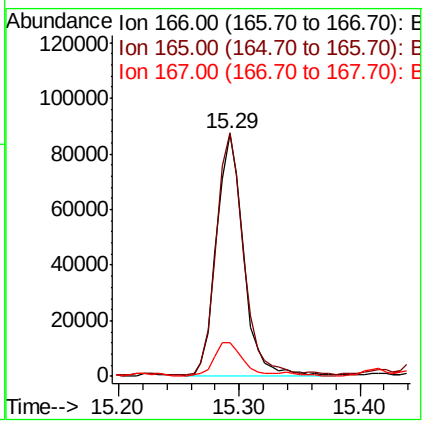


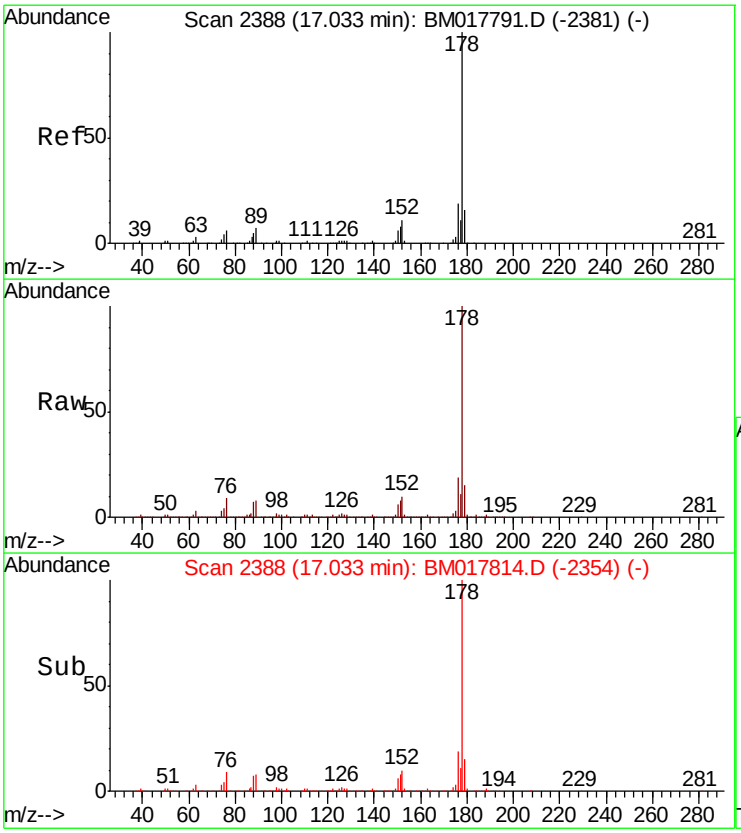
#58
Fluorene
Concen: 2.534 ng/ul
RT: 15.29 min Scan# 2092
Delta R.T. -0.00 min
Lab File: BM017814.D
Acq: 30 Nov 2018 02:09

Instrument :
BNA_M
ClientSampleId :
CB500

Tgt Ion:166 Resp: 136666

Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.0	117.0
167	14.1	10.8	16.2

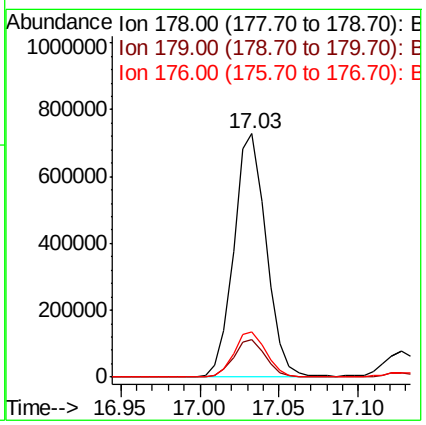


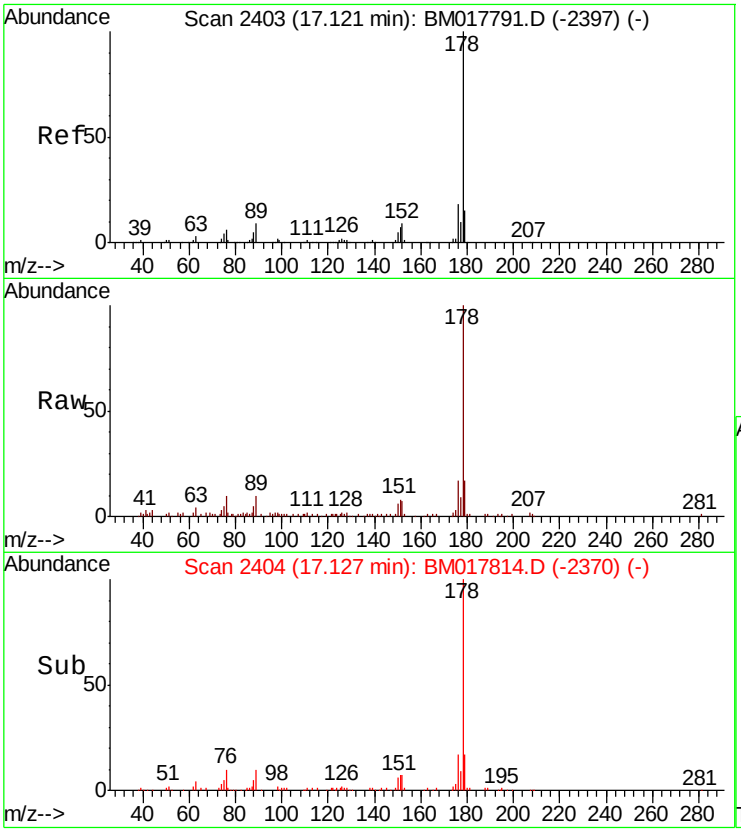


#69
Phenanthrene
Concen: 14.675 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. -0.00 min
Lab File: BM017814.D
Acq: 30 Nov 2018 02:09

Tgt Ion:178 Resp: 1031425

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	18.7	15.0	22.6



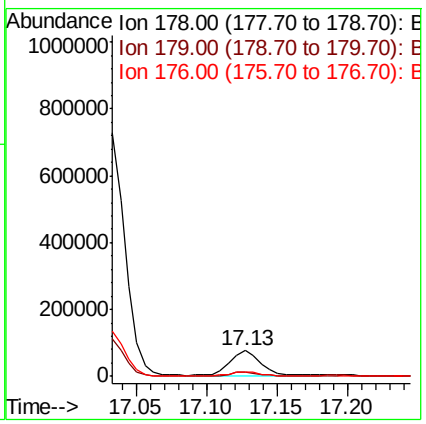


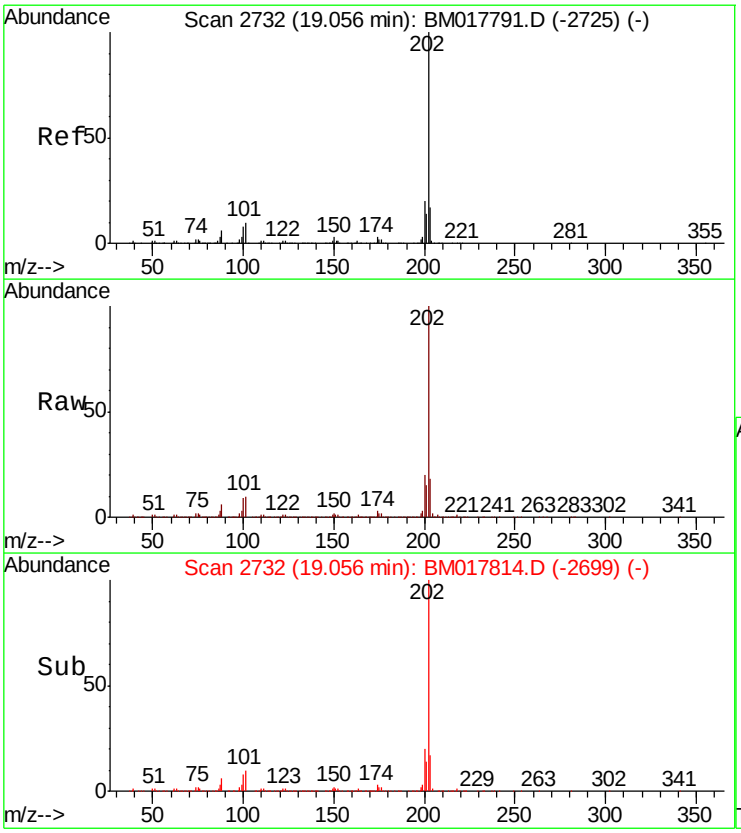
#71
Anthracene
Concen: 1.719 ng/ul
RT: 17.13 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BM017814.D
Acq: 30 Nov 2018 02:09

Instrument :
BNA_M
ClientSampleId :
CB500

Tgt Ion:178 Resp: 123528

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.4	18.6
176	17.4	14.8	22.2

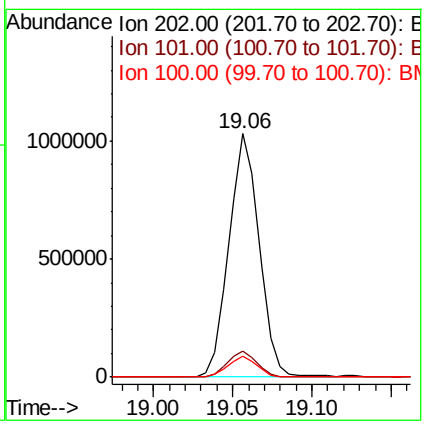


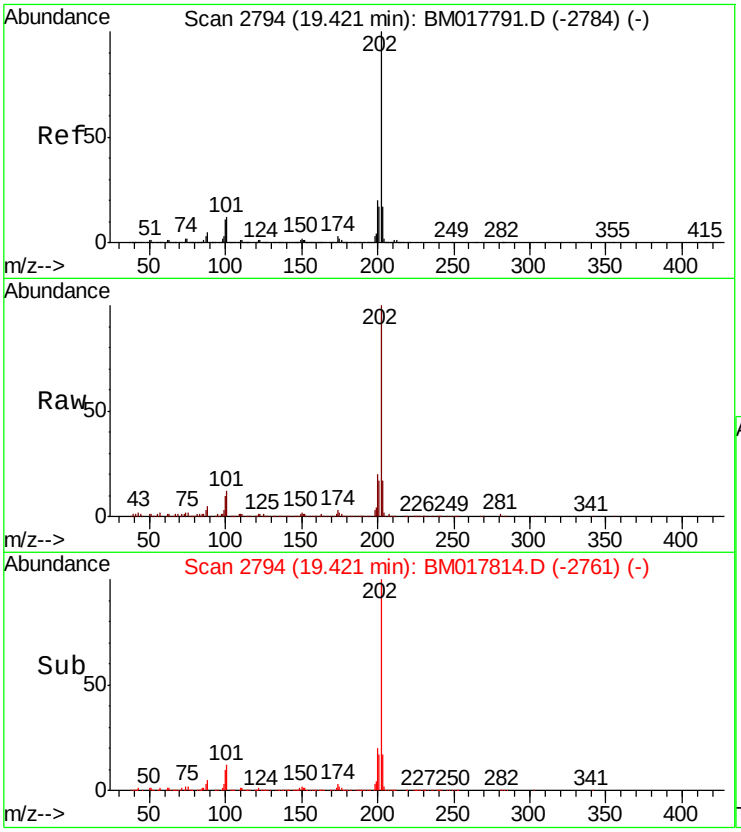


#76
Fluoranthene
Concen: 16.455 ng/ul
RT: 19.06 min Scan# 2732
Delta R.T. -0.01 min
Lab File: BM017814.D
Acq: 30 Nov 2018 02:09

Tgt Ion:202 Resp: 1360307

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.4	12.6
100	8.5	6.6	9.8



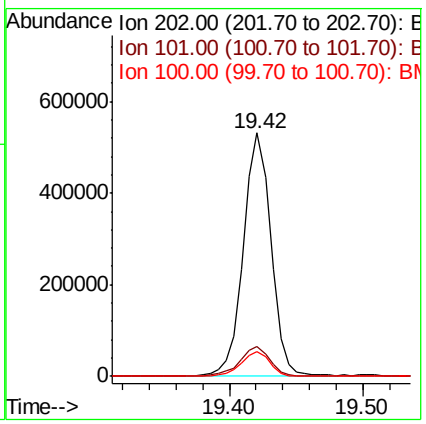


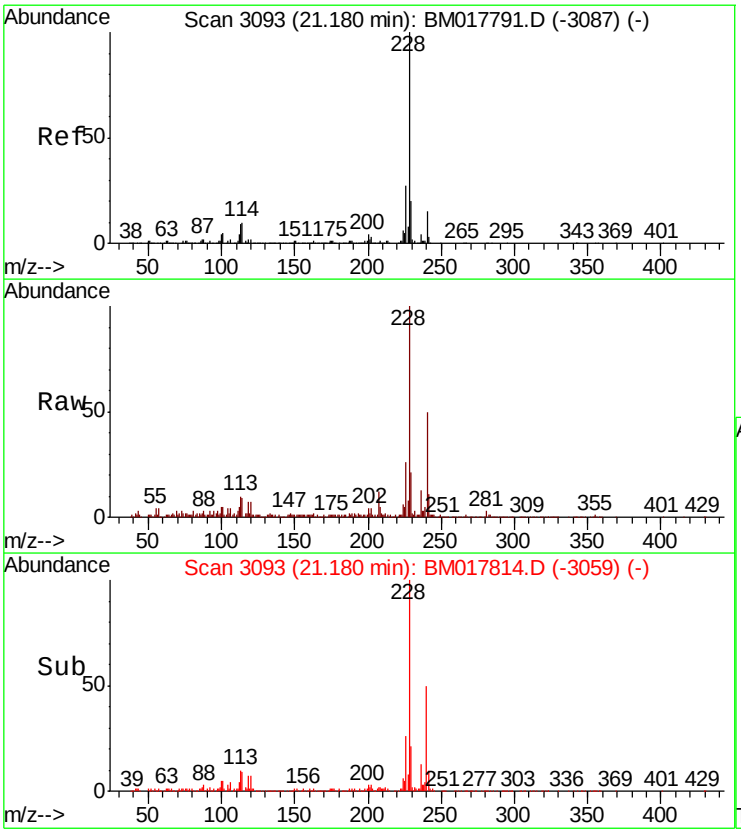
#79
Pyrene
Concen: 14.365 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BM017814.D
Acq: 30 Nov 2018 02:09

Instrument :
BNA_M
ClientSampleId :
CB500

Tgt Ion:202 Resp: 755198

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.6	14.4
100	10.3	7.9	11.9

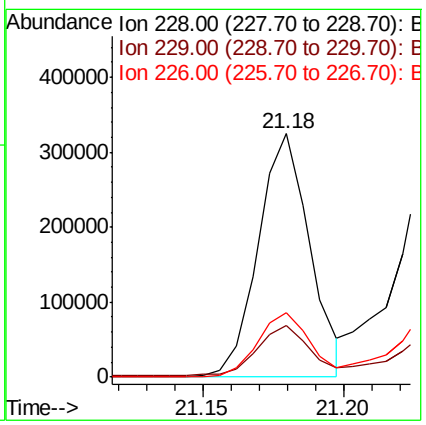


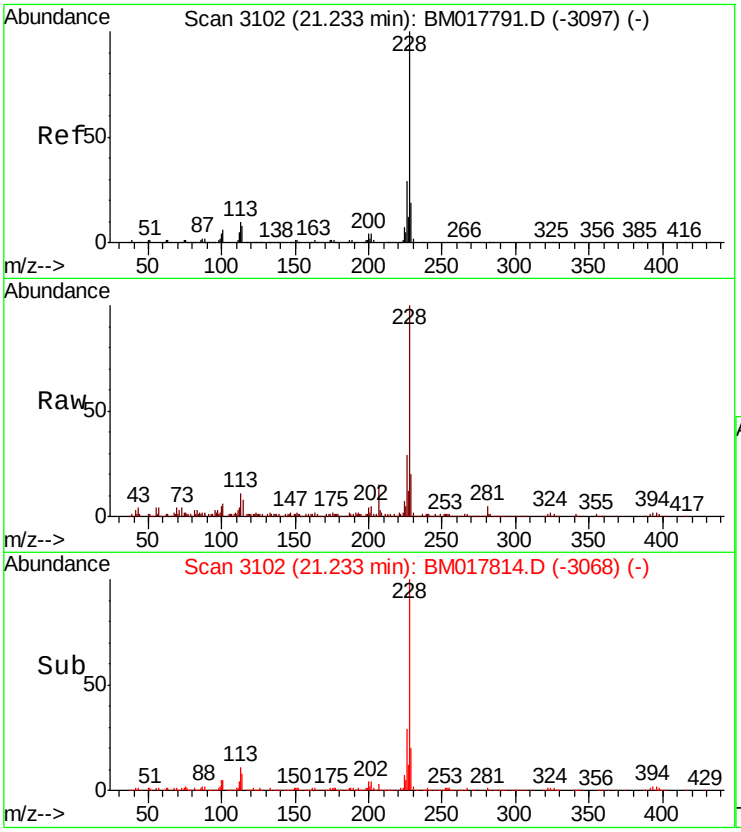


#82
Benzo(a)anthracene
Concen: 7.613 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BM017814.D
Acq: 30 Nov 2018 02:09

Tgt Ion:228 Resp: 408923

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.0	24.0
226	26.3	21.0	31.6



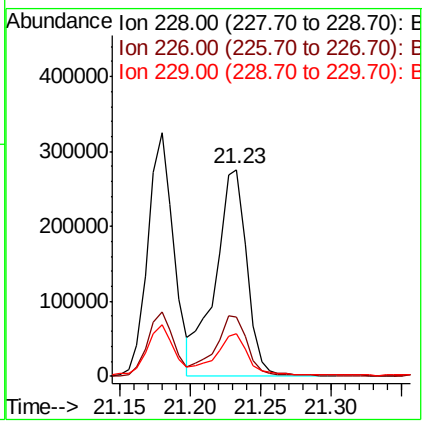


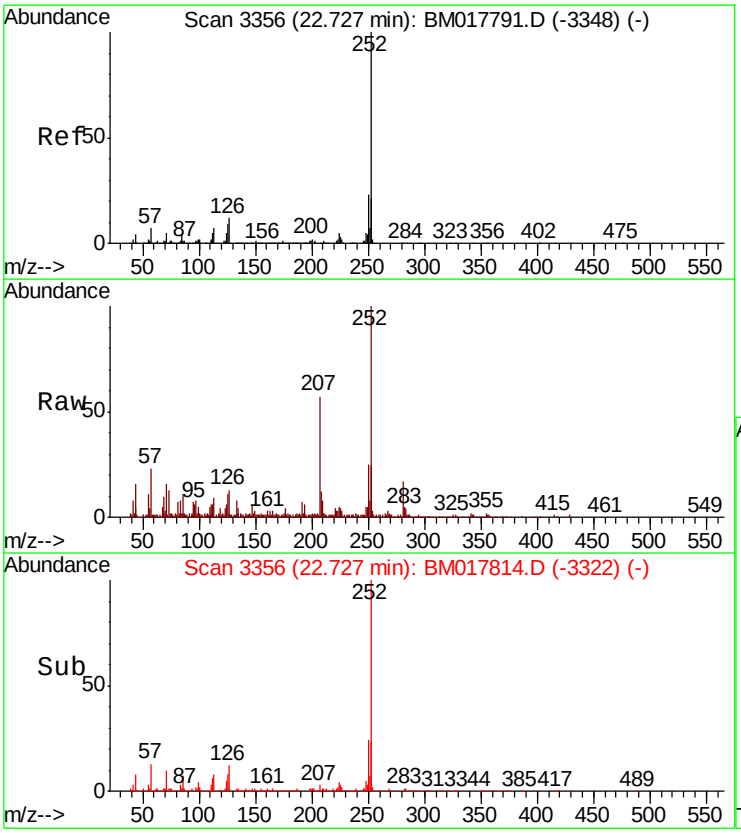
#84
Chrysene
Concen: 8.518 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BM017814.D
Acq: 30 Nov 2018 02:09

Instrument :
BNA_M
ClientSampleId :
CB500

Tgt Ion:228 Resp: 427929

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.7	35.5
229	20.4	15.8	23.8

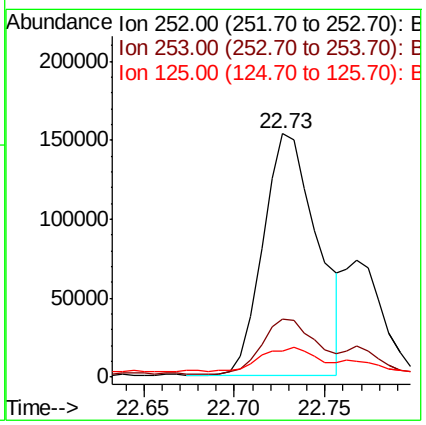


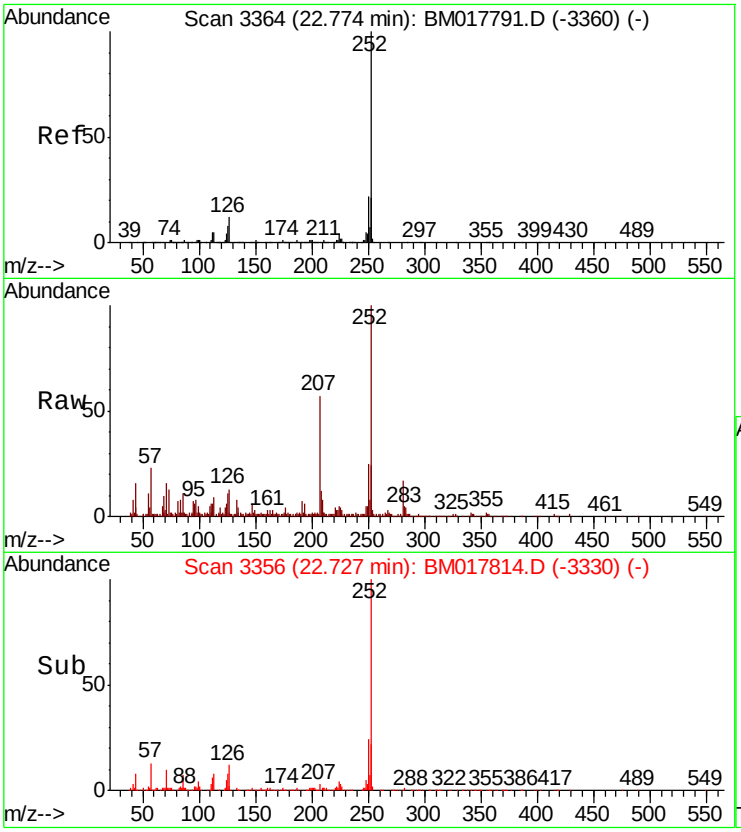


#87
Benzo(b)fluoranthene
Concen: 5.715 ng/ul
RT: 22.73 min Scan# 3356
Delta R.T. -0.00 min
Lab File: BM017814.D
Acq: 30 Nov 2018 02:09

Tgt Ion:252 Resp: 321272

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.4
125	10.6	7.3	10.9





#88
Benzo(k)fluoranthene
Concen: 5.880 ng/ul
RT: 22.73 min Scan# 3356
Delta R.T. -0.05 min
Lab File: BM017814.D
Acq: 30 Nov 2018 02:09

Instrument :
BNA_M
ClientSampleId :
CB500

Tgt Ion:252 Resp: 321272

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.0
125	10.6	7.1	10.7