Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102518\

Quantitation Report (Not Reviewed)

Data File : BM017345.D
Acq On : 25 Oct 2018 15:47
Operator : MJ/SJ
Sample : J5598-06DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF1DL

Quant Time: Oct 26 01:16:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 26 01:13:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	309330	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1470167	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	884811	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2112578	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2456848	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2434876	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	4320	0.64	ng/uL	0.00
5) Phenol-d5	6.83	99	79544	2.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	55080	3.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	66828	3.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	55377	2.48	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	33083	2.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	38470	2.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	65631	2.74	ng/ul	0.01
29) 4-Chloroaniline-d4	10.58	131	53681	2.75	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	244247	3.22	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	288233	3.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	19600	1.38	ng/ul	0.03
58) Fluorene-d10	15.29	176	217525	3.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	26214	1.78	ng/ul	0.00
71) Anthracene-d10	17.15	188	352188	3.37	ng/ul	0.00
79) Pyrene-d10	19.45	212	402543	3.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	433655	3.37	ng/ul	0.00
Target Compounds						Qvalue
48) Acenaphthylene	14.02	152	182142	2.107	ng/ul	99
70) Phenanthrene	17.09	178	137305	1.132	ng/ul	99
72) Anthracene	17.18	178	191683	1.556	ng/ul	98
77) Fluoranthene	19.11	202	3112981	22.387	ng/ul	98
80) Pyrene	19.47	202	4025538	28.216	ng/ul	97
83) Benzo(a)anthracene	21.23	228	2269940	15.098	ng/ul	97
85) Chrysene	21.28	228	2686390	18.791	ng/ul	98
88) Benzo(b)fluoranthene	22.80	252	5543555	38.895	ng/ul	98
89) Benzo(k)fluoranthene	22.80	252	5543555	39.818	ng/ul	99
91) Benzo(a)pyrene	23.36	252	1973188	14.171	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.66	276	1443974	8.523	ng/ul	97
94) Benzo(g,h,i)perylene	26.33	276	993671	6.904	ng/ul	99

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

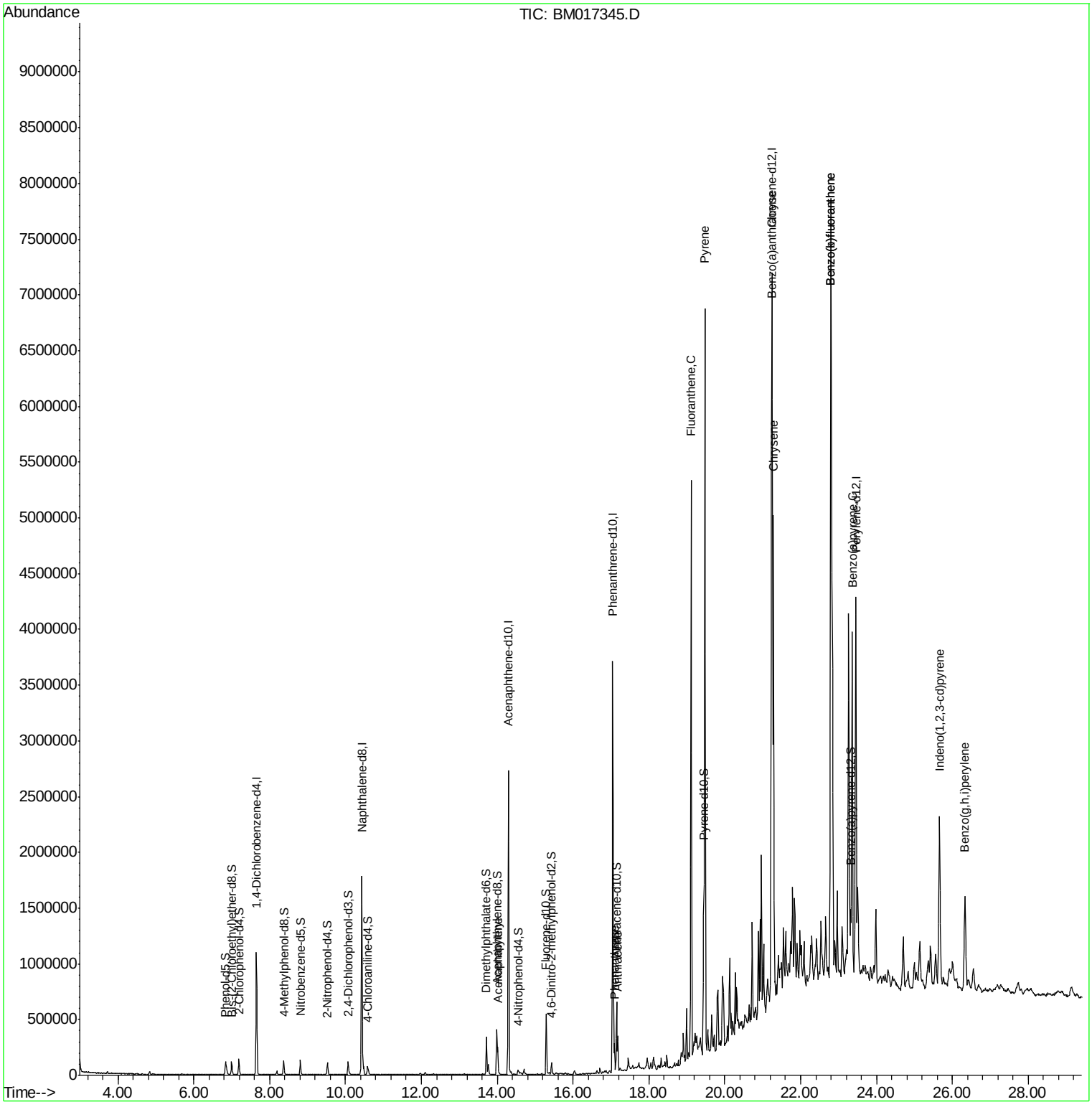
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102518\

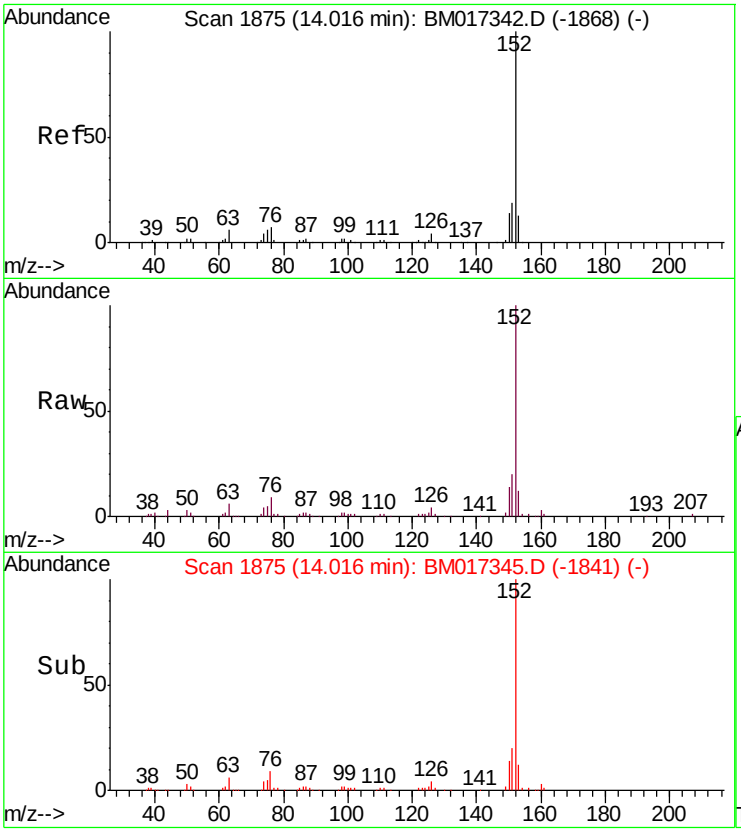
Quantitation Report (Not Reviewed)

Data File : BM017345.D
Acq On : 25 Oct 2018 15:47
Operator : MJ/SJ
Sample : J5598-06DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF1DL

Quant Time: Oct 26 01:16:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 26 01:13:26 2018
Response via : Initial Calibration



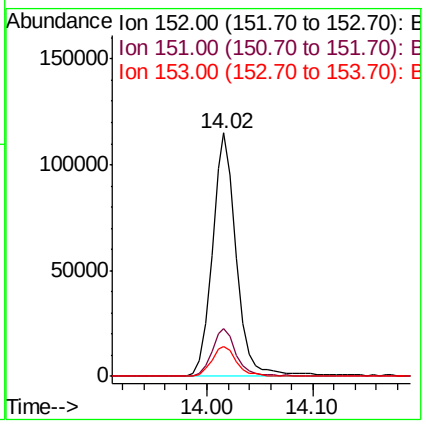


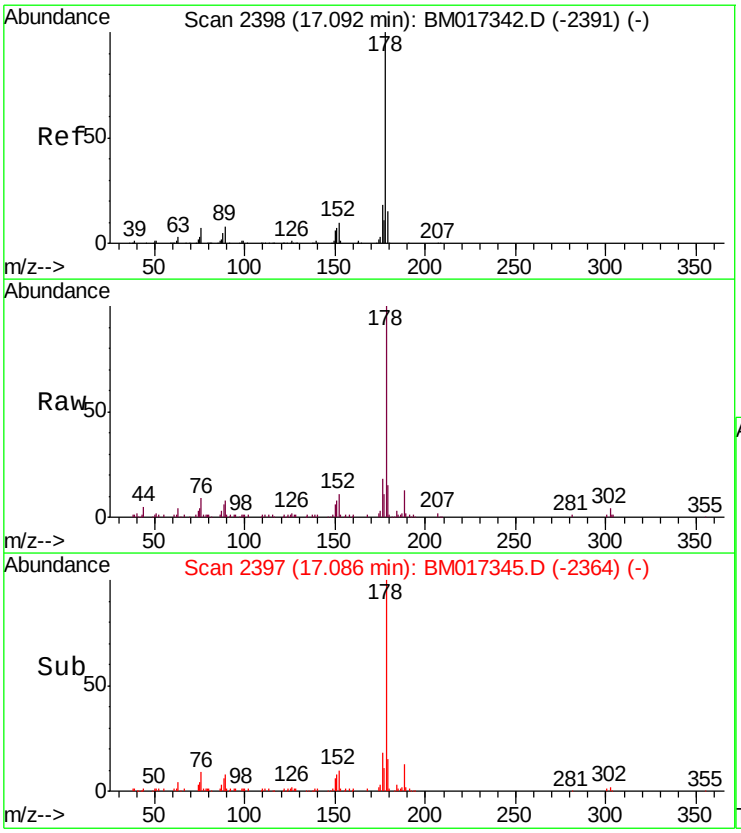
#48
Acenaphthylene
Concen: 2.107 ng/ul
RT: 14.02 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BM017345.D
Acq: 25 Oct 2018 15:47

Instrument :
BNA_M
ClientSampleId :
C0AF1DL

Tgt Ion:152 Resp: 182142

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.3	22.9
153	12.0	10.2	15.4

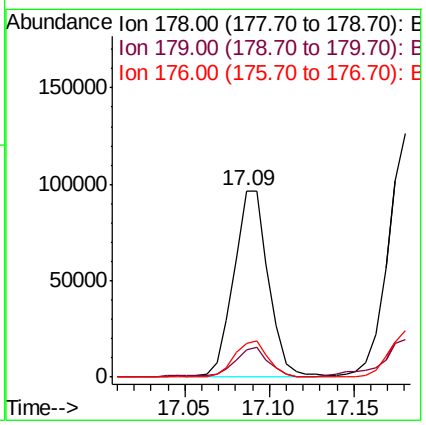


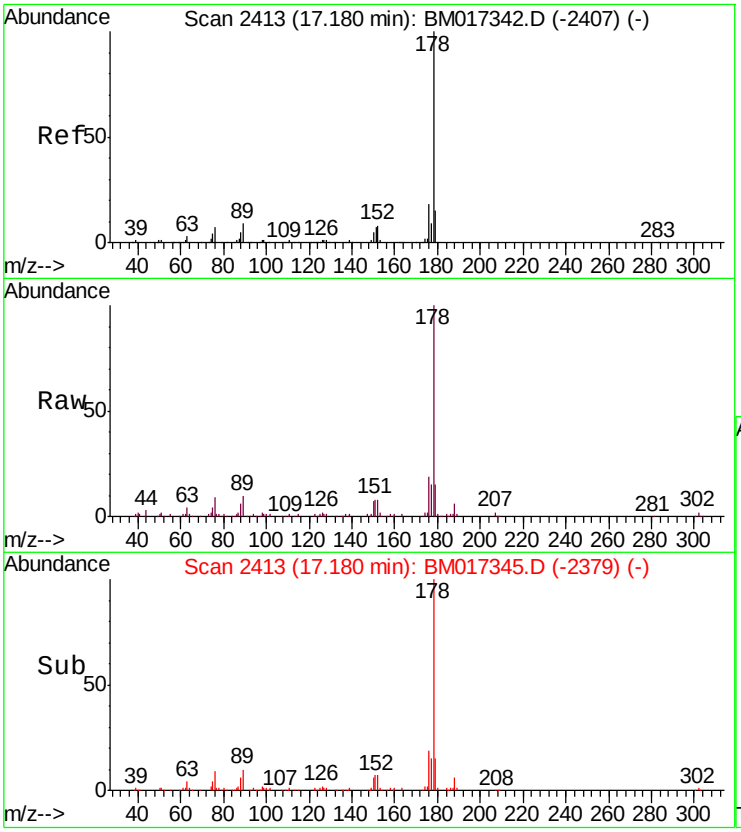


#70
Phenanthrene
Concen: 1.132 ng/ul
RT: 17.09 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM017345.D
Acq: 25 Oct 2018 15:47

Tgt Ion:178 Resp: 137305

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.2
176	18.0	14.9	22.3



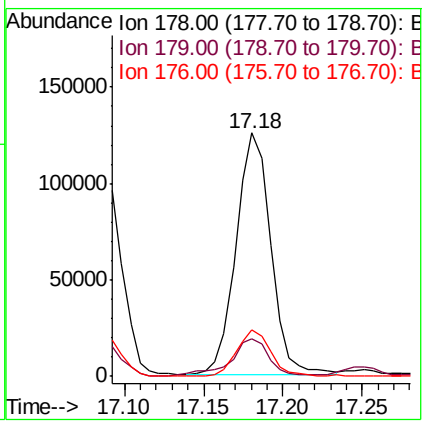


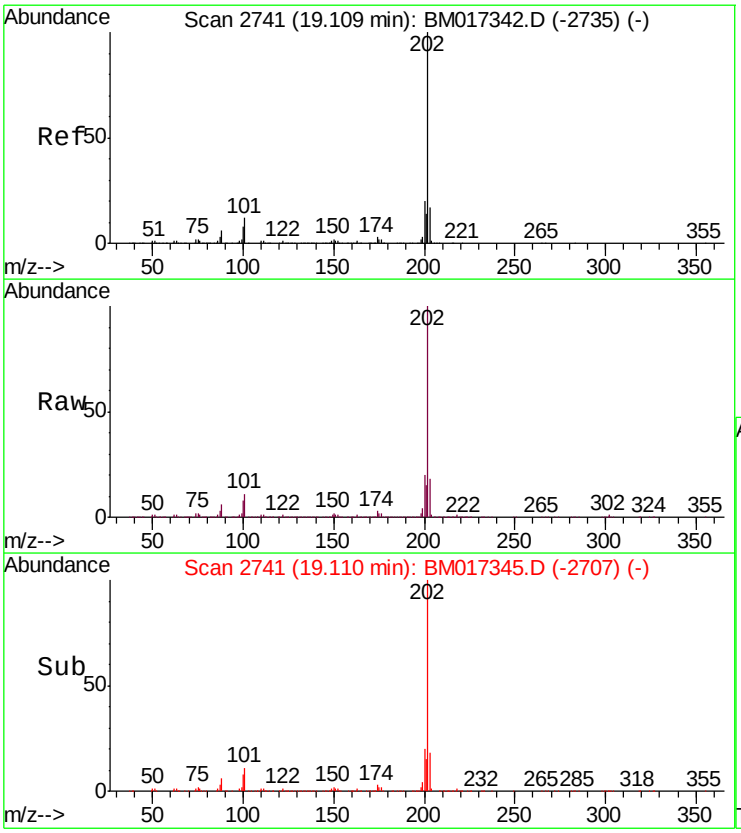
#72
Anthracene
Concen: 1.556 ng/ul
RT: 17.18 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM017345.D
Acq: 25 Oct 2018 15:47

Instrument :
BNA_M
ClientSampleId :
C0AF1DL

Tgt Ion:178 Resp: 191683

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	19.1	14.2	21.2

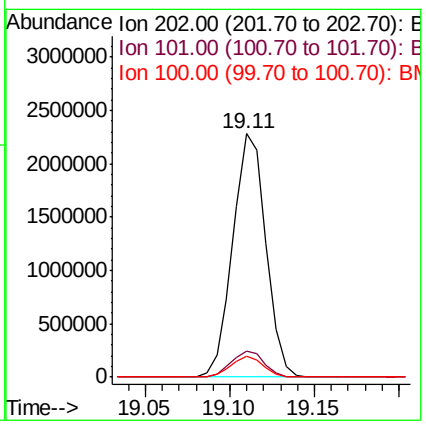


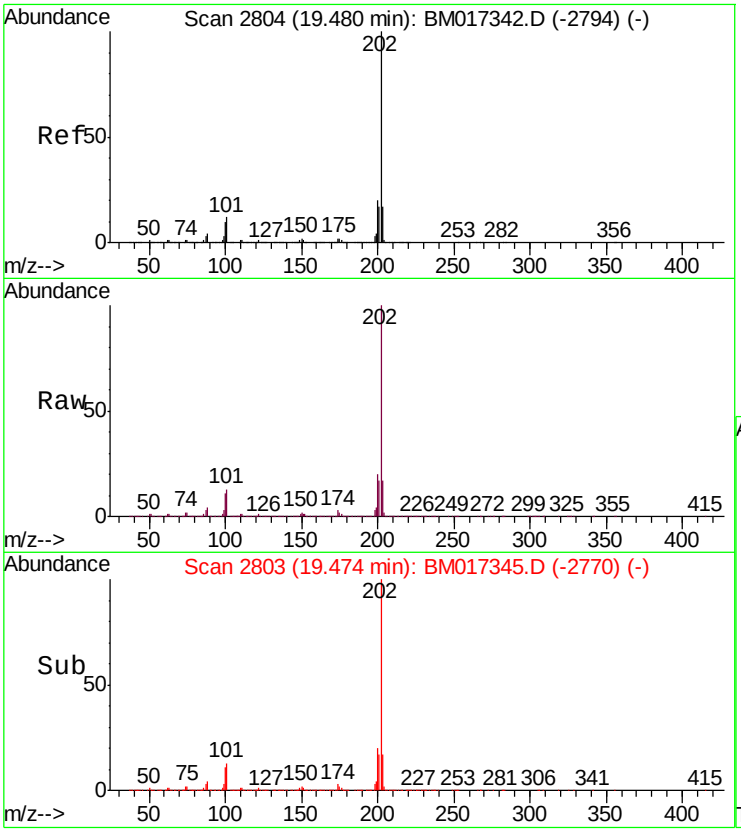


#77
Fluoranthene
Concen: 22.387 ng/ul
RT: 19.11 min Scan# 2741
Delta R.T. 0.00 min
Lab File: BM017345.D
Acq: 25 Oct 2018 15:47

Tgt Ion:202 Resp: 3112981

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.2	12.4
100	8.4	6.3	9.5



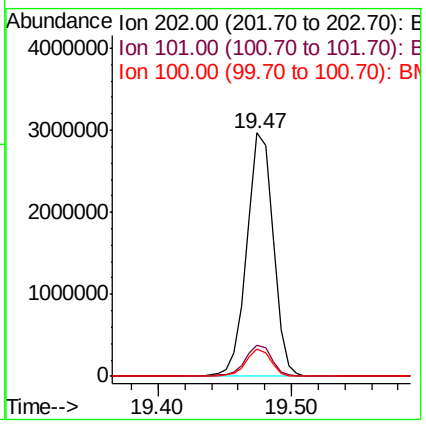


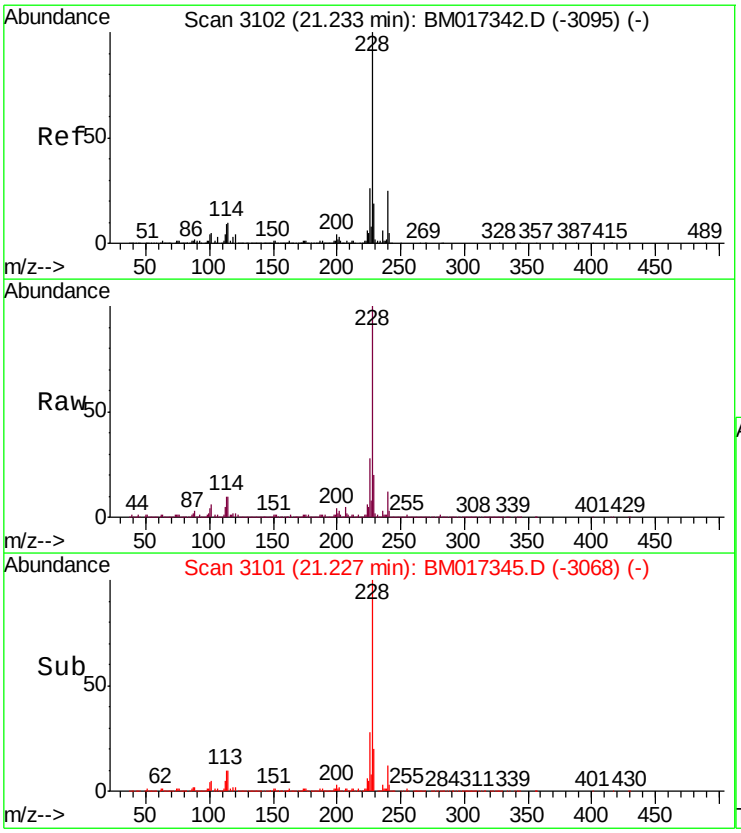
#80
Pyrene
Concen: 28.216 ng/ul
RT: 19.47 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BM017345.D
Acq: 25 Oct 2018 15:47

Instrument :
BNA_M
ClientSampleId :
C0AF1DL

Tgt Ion:202 Resp: 4025538

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.5	14.3
100	11.0	8.1	12.1

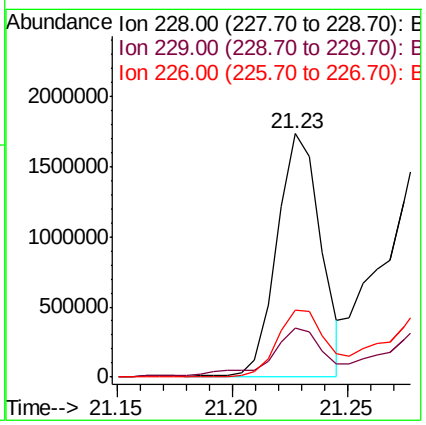


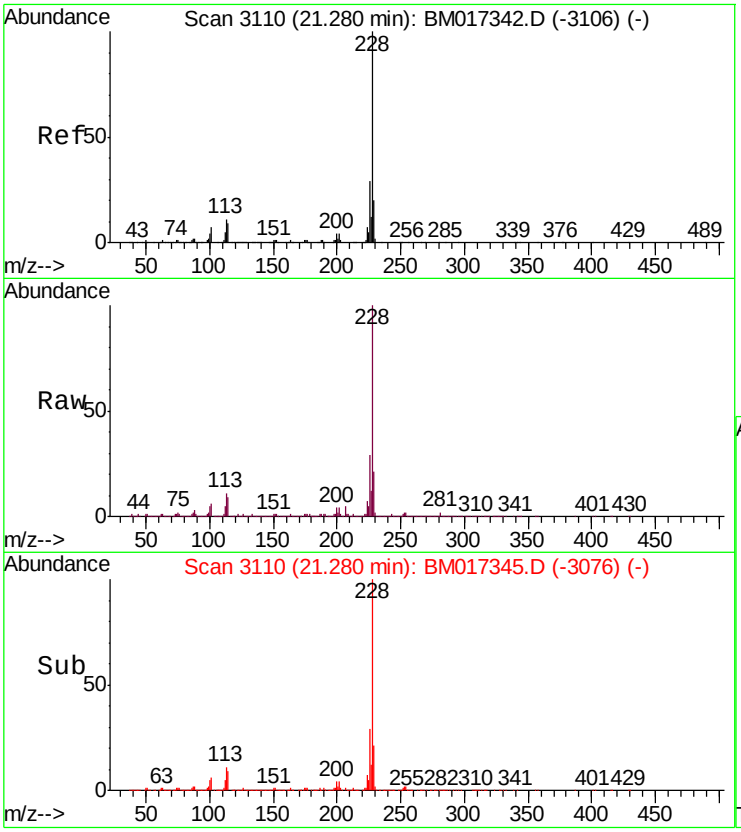


#83
Benzo(a)anthracene
Concen: 15.098 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM017345.D
Acq: 25 Oct 2018 15:47

Tgt Ion:228 Resp: 2269940

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.6	23.4
226	27.8	20.8	31.2



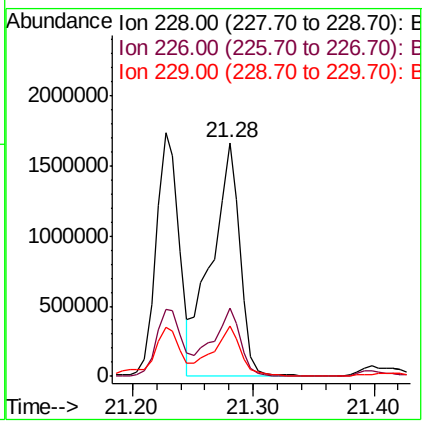


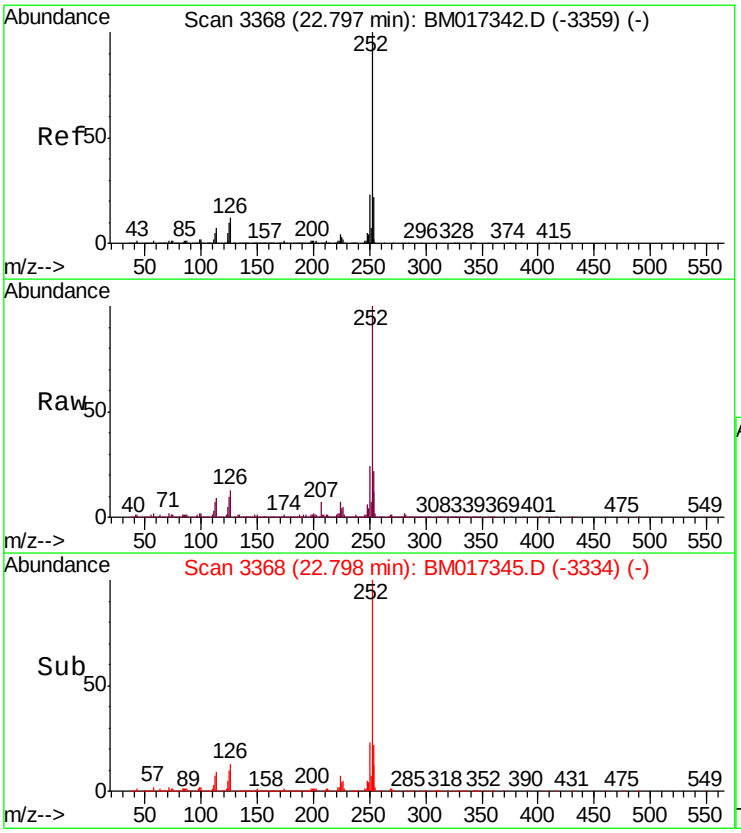
#85
Chrysene
Concen: 18.791 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BM017345.D
Acq: 25 Oct 2018 15:47

Instrument :
BNA_M
ClientSampleId :
C0AF1DL

Tgt Ion:228 Resp: 2686390

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.3	34.9
229	21.3	15.6	23.4

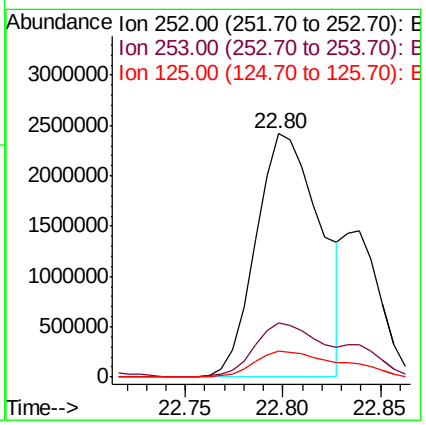


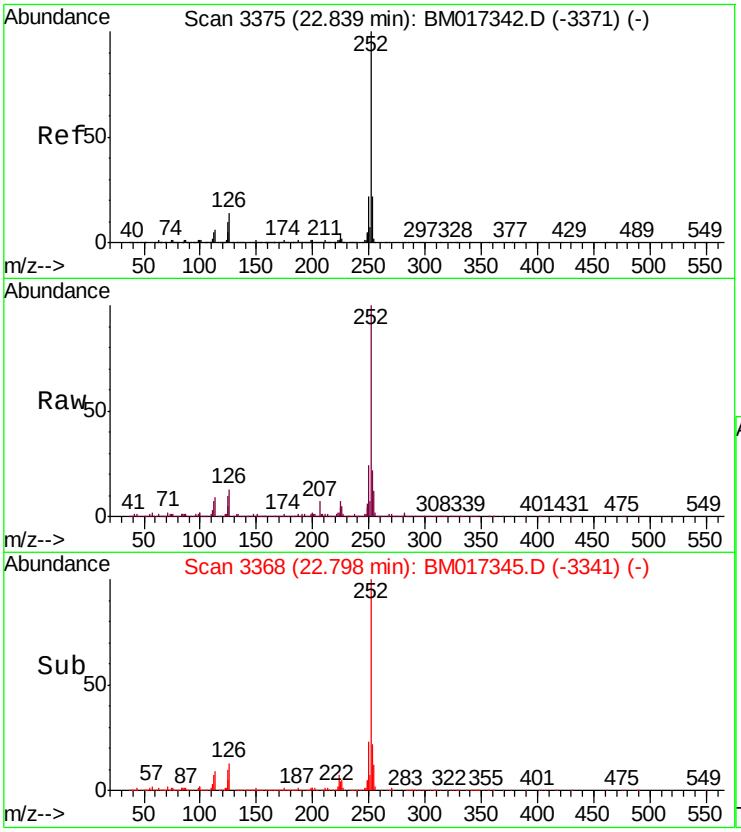


#88
Benzo(b)fluoranthene
Concen: 38.895 ng/ul
RT: 22.80 min Scan# 3368
Delta R.T. 0.00 min
Lab File: BM017345.D
Acq: 25 Oct 2018 15:47

Tgt Ion:252 Resp: 5543555

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	10.5	7.2	10.8



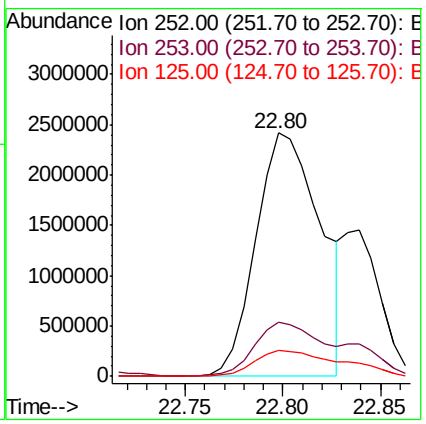


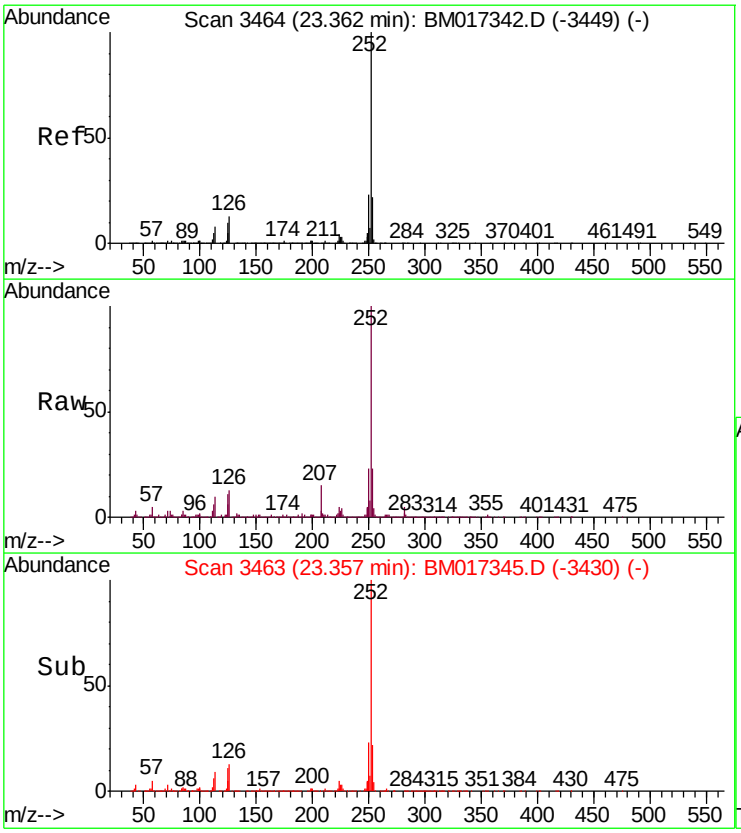
#89
Benzo(k)fluoranthene
Concen: 39.818 ng/ul
RT: 22.80 min Scan# 3368
Delta R.T. -0.04 min
Lab File: BM017345.D
Acq: 25 Oct 2018 15:47

Instrument :
BNA_M
ClientSampleId :
C0AF1DL

Tgt Ion:252 Resp: 5543555

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	10.5	7.8	11.6

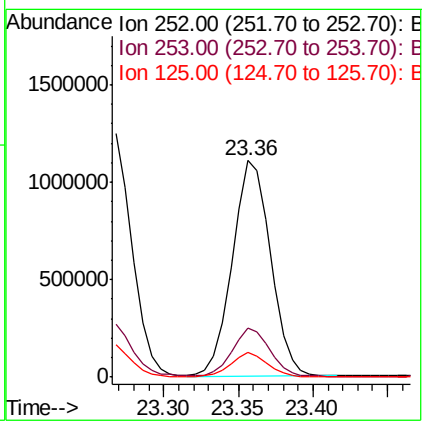


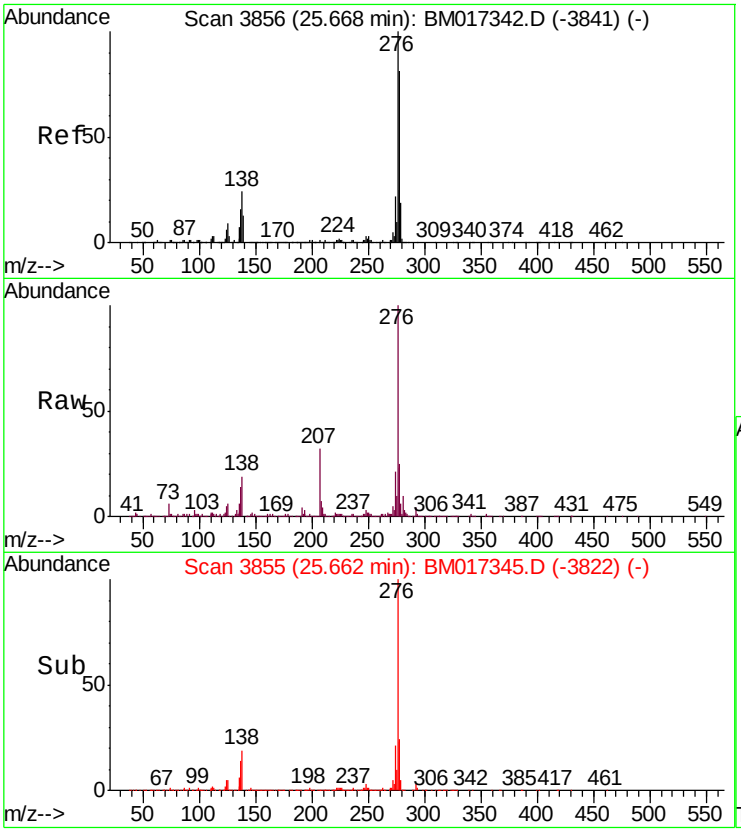


#91
Benzo(a)pyrene
Concen: 14.171 ng/ul
RT: 23.36 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BM017345.D
Acq: 25 Oct 2018 15:47

Tgt Ion:252 Resp: 1973188

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	11.3	8.3	12.5



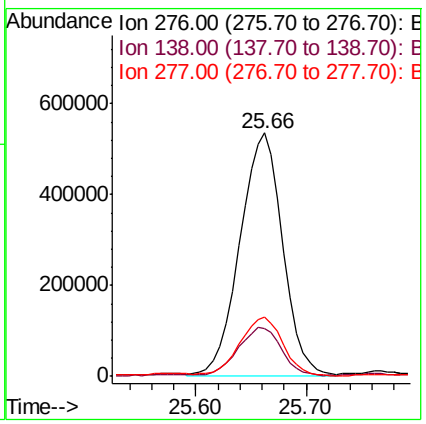


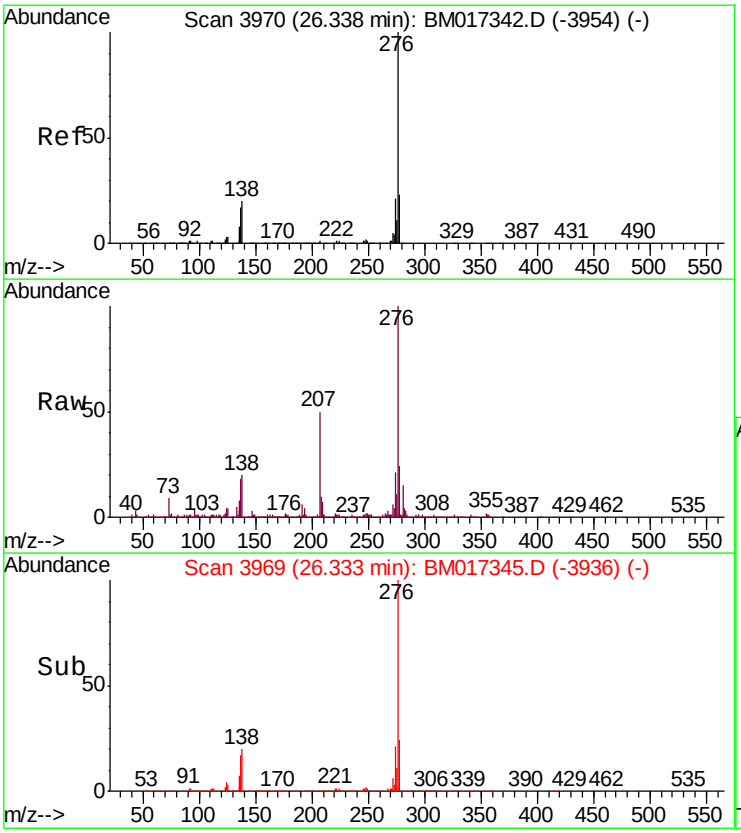
#92
Indeno(1,2,3-cd)pyrene
Concen: 8.523 ng/ul
RT: 25.66 min Scan# 3855
Delta R.T. -0.01 min
Lab File: BM017345.D
Acq: 25 Oct 2018 15:47

Instrument :
BNA_M
ClientSampleId :
C0AF1DL

Tgt Ion:276 Resp: 1443974

Ion	Ratio	Lower	Upper
276	100		
138	19.4	18.1	27.1
277	24.5	19.6	29.4





#94
Benzo(g,h,i)perylene
Concen: 6.904 ng/ul
RT: 26.33 min Scan# 3969
Delta R.T. -0.01 min
Lab File: BM017345.D
Acq: 25 Oct 2018 15:47

Tgt Ion:276 Resp: 993671

Ion	Ratio	Lower	Upper
276	100		
138	20.0	16.6	25.0
277	24.2	18.9	28.3