Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100418\
Data File : BM017019.D
Acq On : 05 Oct 2018 02:50
Operator : MJ/SJ
Sample : J5157-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 05 05:35:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 05 05:34:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	254434	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1100469	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.34	164	589306	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	1297165	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1383750	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	1446143	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	24411	4.77	ng/uL	0.00
5) Phenol-d5	6.87	99	574327	27.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	370379	28.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	492901	27.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	471214	28.27	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	239714	29.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	244404	29.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	469396	27.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	614788	30.39	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1453348	31.08	ng/ul	0.00
47) Acenaphthylene-d8	14.03	160	1862636	31.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	156809	17.75	ng/ul	0.00
58) Fluorene-d10	15.33	176	1292639	31.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	124219	16.24	ng/ul	0.00
71) Anthracene-d10	17.19	188	1917658	30.95	ng/ul	0.00
79) Pyrene-d10	19.48	212	2125802	34.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	2414856	32.62	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.90	94	36966	1.737	ng/ul	95
45) Dimethylphthalate	13.80	163	795908	17.191	ng/ul	99
46) 2,6-Dinitrotoluene	13.80	165	8693	1.115	ng/ul#	57
77) Fluoranthene	19.14	202	93709	1.112	ng/ul#	96
80) Pyrene	19.51	202	172153	2.147	ng/ul	99
85) Chrysene	21.31	228	113271	1.411	ng/ul	96
88) Benzo(b)fluoranthene	22.83	252	245639	2.853	ng/ul#	94
89) Benzo(k)fluoranthene	22.83	252	245639	2.969	ng/ul#	94
91) Benzo(a)pyrene	23.40	252	130778	1.576	ng/ul#	96

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

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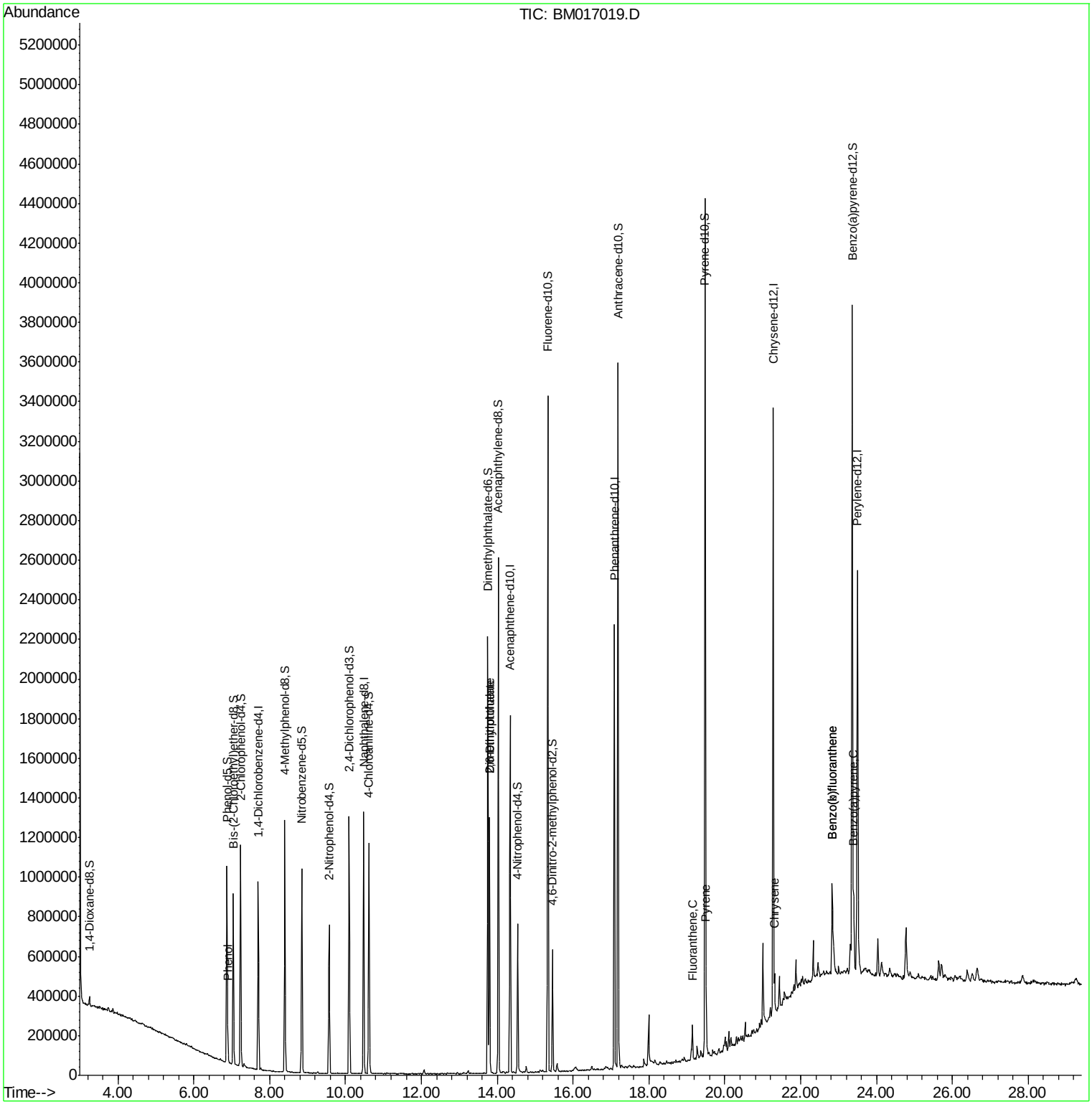
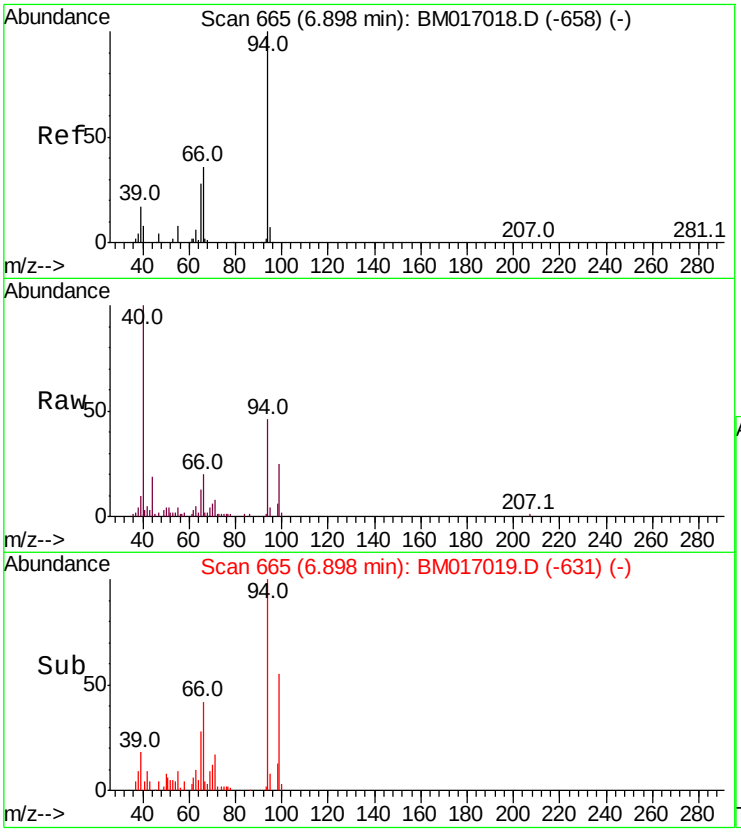


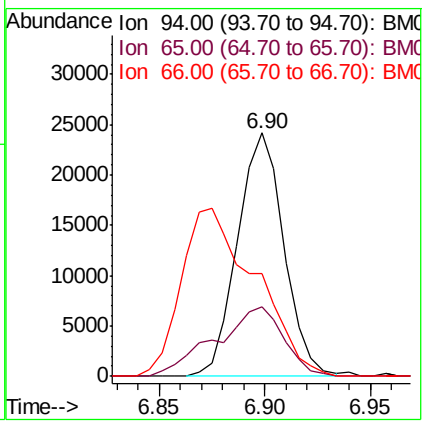


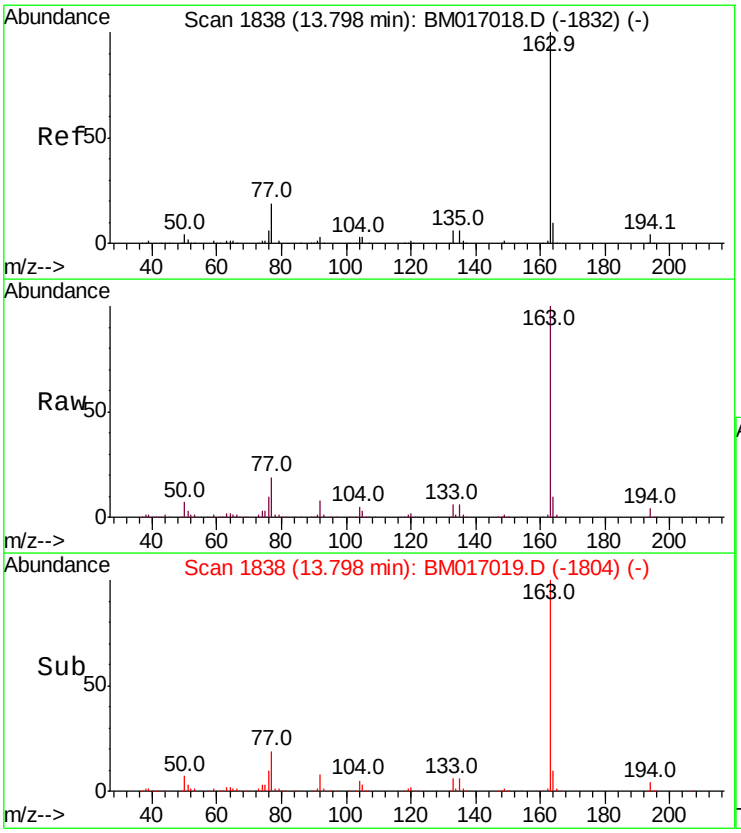
#6
Phenol
Concen: 1.737 ng/ul
RT: 6.90 min Scan# 665
Delta R.T. -0.00 min
Lab File: BM017019.D
Acq: 05 Oct 2018 02:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 36966

Ion	Ratio	Lower	Upper
94	100		
65	28.4	22.8	34.2
66	42.3	29.5	44.3

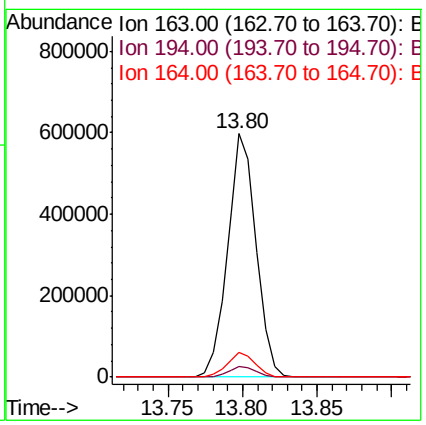


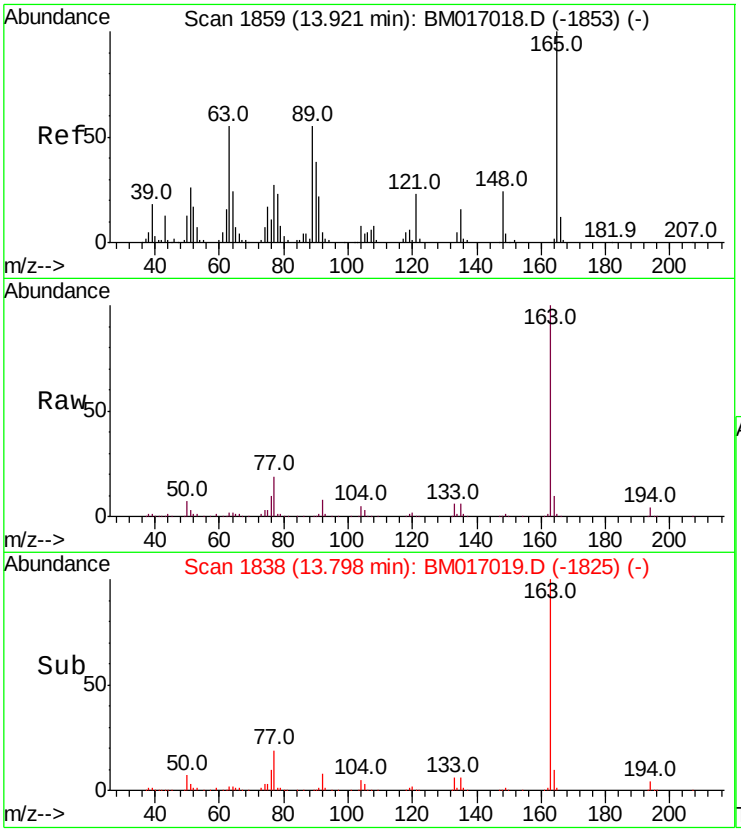


#45
Dimethylphthalate
Concen: 17.191 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BM017019.D
Acq: 05 Oct 2018 02:50

Tgt Ion:163 Resp: 795908

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.2	8.0	12.0



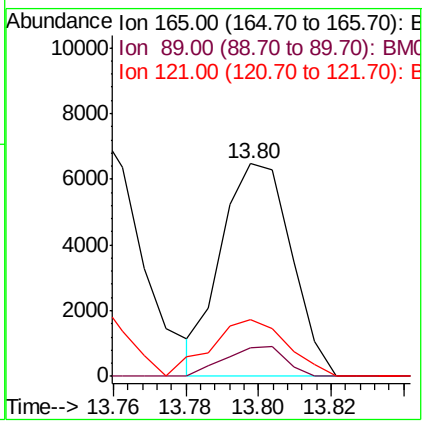


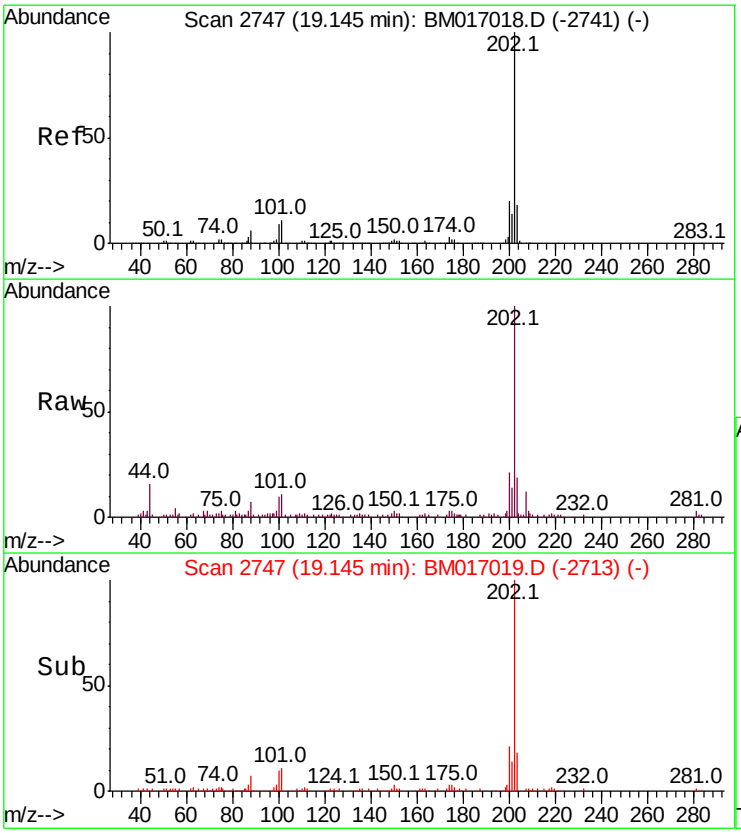
#46
2,6-Dinitrotoluene
Concen: 1.115 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. -0.12 min
Lab File: BM017019.D
Acq: 05 Oct 2018 02:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 8693

Ion	Ratio	Lower	Upper
165	100		
89	13.2	43.0	64.6#
121	26.5	18.0	27.0

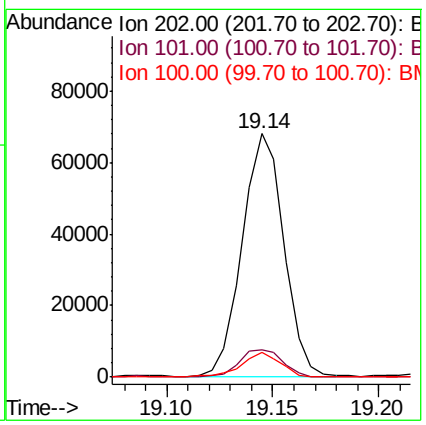


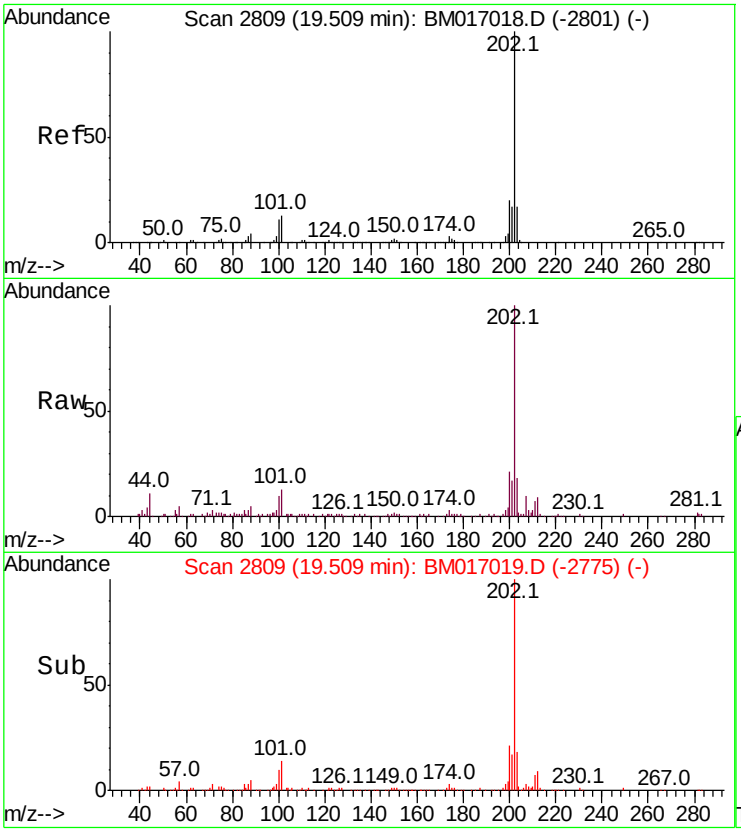


#77
Fluoranthene
Concen: 1.112 ng/ul
RT: 19.14 min Scan# 2747
Delta R.T. -0.00 min
Lab File: BM017019.D
Acq: 05 Oct 2018 02:50

Tgt Ion:202 Resp: 93709

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.3	12.5
100	10.1	6.6	9.8#



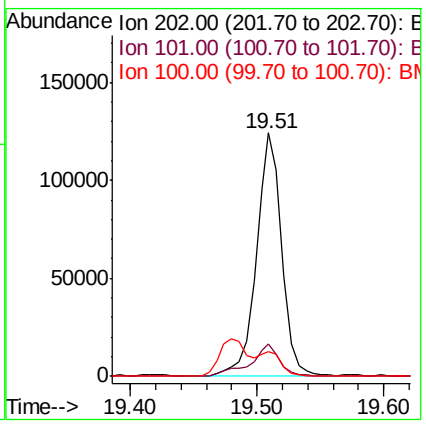


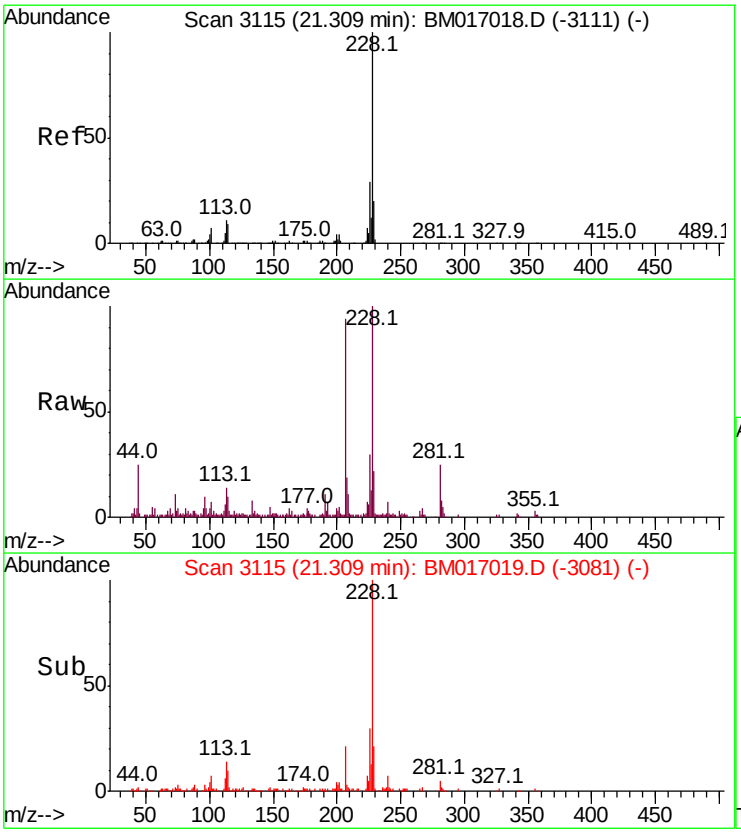
#80
Pyrene
Concen: 2.147 ng/ul
RT: 19.51 min Scan# 2809
Delta R.T. -0.00 min
Lab File: BM017019.D
Acq: 05 Oct 2018 02:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 172153

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.8	16.2
100	10.1	8.9	13.3

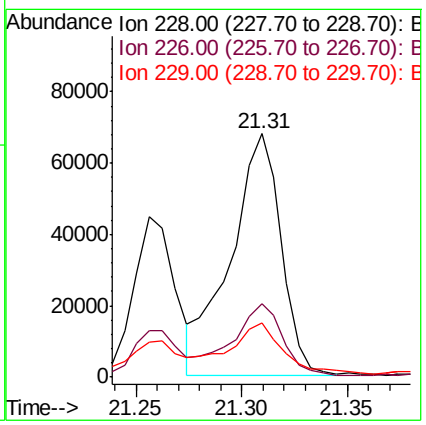


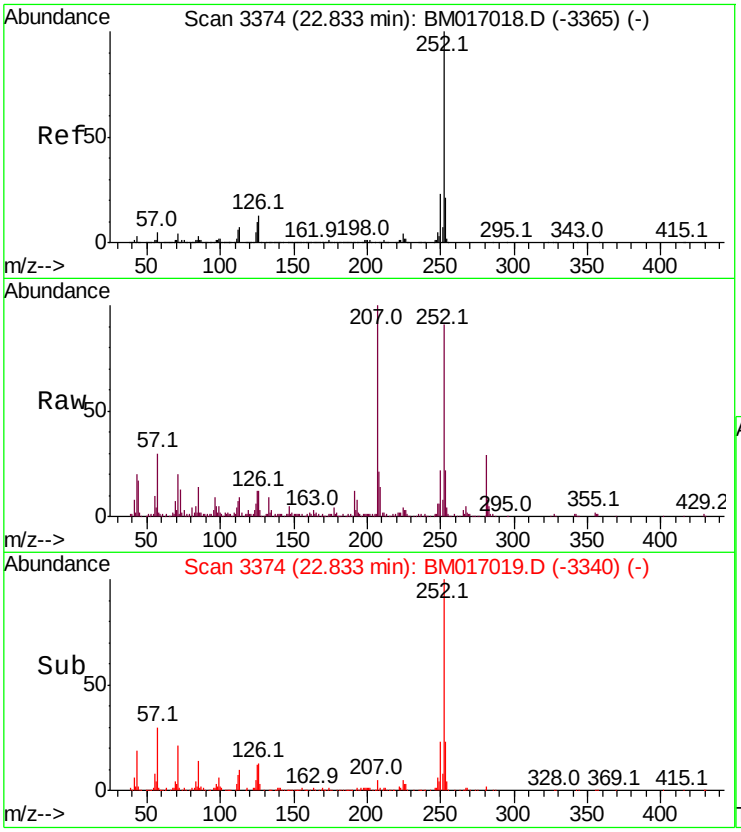


#85
Chrysene
Concen: 1.411 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. -0.00 min
Lab File: BM017019.D
Acq: 05 Oct 2018 02:50

Tgt Ion:228 Resp: 113271

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	22.5	15.6	23.4



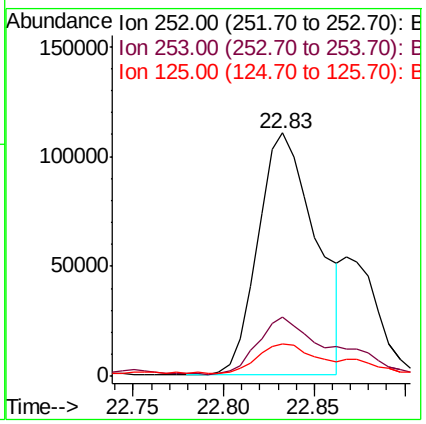


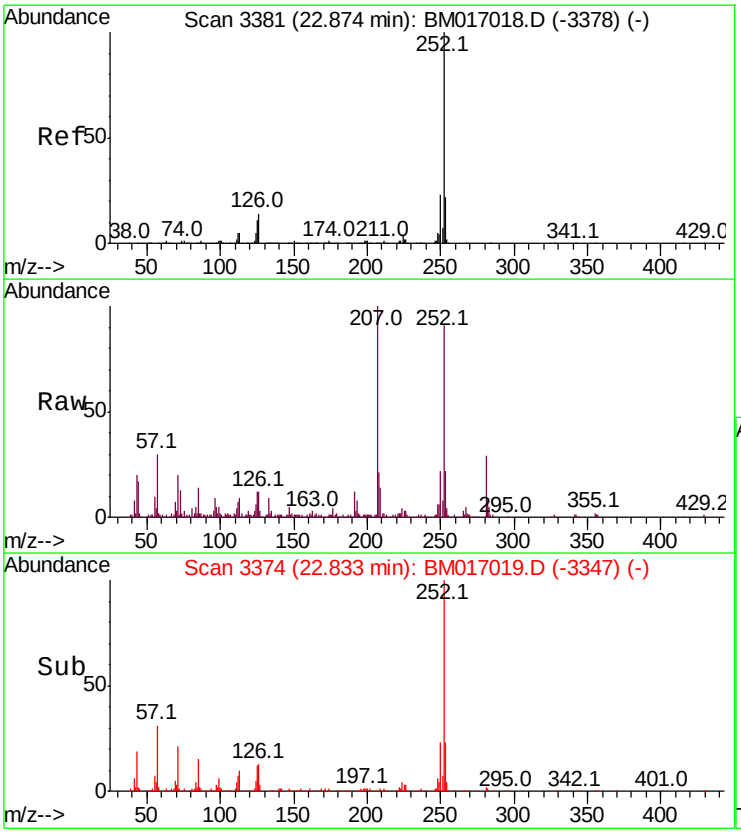
#88
Benzo(b)fluoranthene
Concen: 2.853 ng/ul
RT: 22.83 min Scan# 3374
Delta R.T. -0.00 min
Lab File: BM017019.D
Acq: 05 Oct 2018 02:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 245639

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.3	25.9
125	13.5	8.2	12.4#

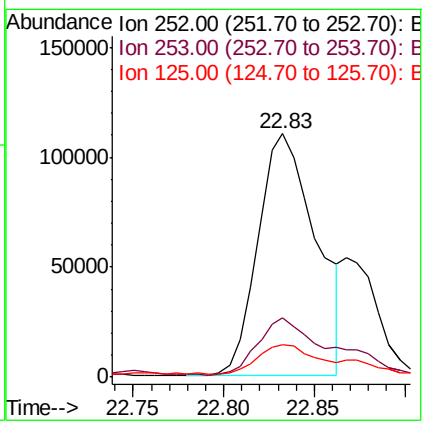


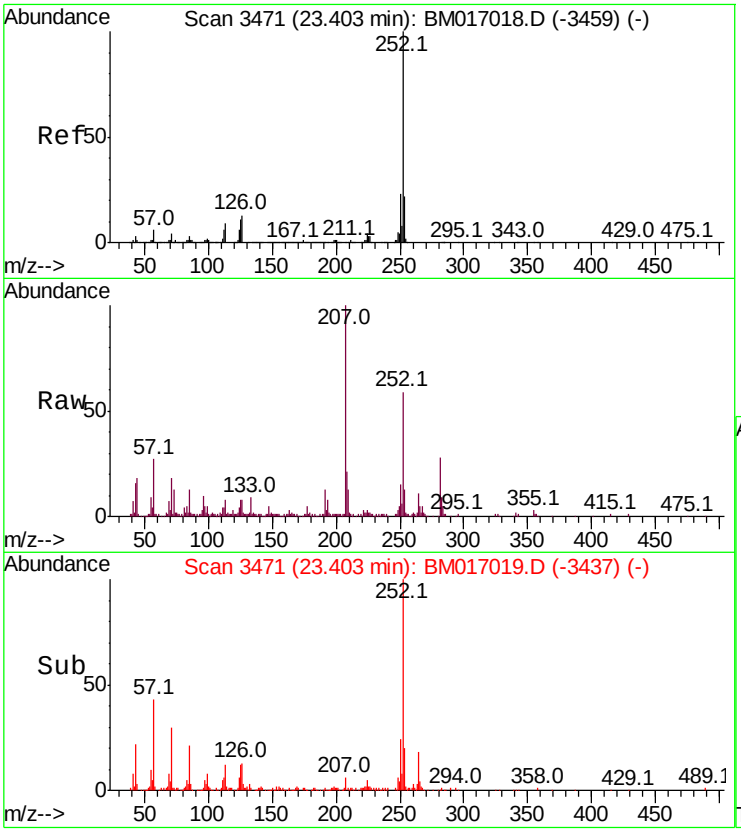


#89
Benzo(k)fluoranthene
Concen: 2.969 ng/ul
RT: 22.83 min Scan# 3374
Delta R.T. -0.04 min
Lab File: BM017019.D
Acq: 05 Oct 2018 02:50

Tgt Ion:252 Resp: 245639

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.5	26.3
125	13.5	8.2	12.4#





#91
Benzo(a)pyrene
Concen: 1.576 ng/ul
RT: 23.40 min Scan# 3471
Delta R.T. -0.00 min
Lab File: BM017019.D
Acq: 05 Oct 2018 02:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 130778

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.4
125	14.1	9.0	13.6#