Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\

Quantitation Report (Not Reviewed)

Data File : BM010635.D
Acq On : 21 Jun 2017 22:28
Operator : SJ/JU
Sample : I3627-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5E25

Quant Time: Jun 22 01:40:55 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 01:38:18 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	76433	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	346815	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	241238	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	607095	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	729914	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	655950	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	5275	3.95	ng/uL	0.00
5) Phenol-d5	6.65	99	119122	16.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	72273	17.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	94161	18.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	103959	17.22	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	51557	20.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	60314	21.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	117508	19.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	140352	22.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.54	166	479788	22.66	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	528148	21.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	51921	13.93	ng/ul	0.00
57) Fluorene-d10	15.12	176	401340	21.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	63578	17.05	ng/ul	0.00
70) Anthracene-d10	16.97	188	651180	22.21	ng/ul	0.00
76) Pyrene-d10	19.28	212	783516	23.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	655820	20.69	ng/ul	0.14
Target Compounds						Qvalue
6) Phenol	6.67	94	10896	1.45	ng/ul#	86
44) Dimethylphthalate	13.59	163	225314	10.85	ng/ul	97
74) Fluoranthene	18.94	202	119562	2.87	ng/ul#	95
77) Pyrene	19.30	202	144699	3.43	ng/ul#	93
80) Benzo(a)anthracene	21.07	228	95719	2.25	ng/ul	96
82) Chrysene	21.07	228	95719	2.53	ng/ul	99
85) Benzo(b)fluoranthene	22.59	252	147965	3.48	ng/ul#	97
86) Benzo(k)fluoranthene	22.59	252	147965	3.67	ng/ul#	95
88) Benzo(a)pyrene	23.13	252	71280	1.82	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.34	276	40761	1.00	ng/ul#	94

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

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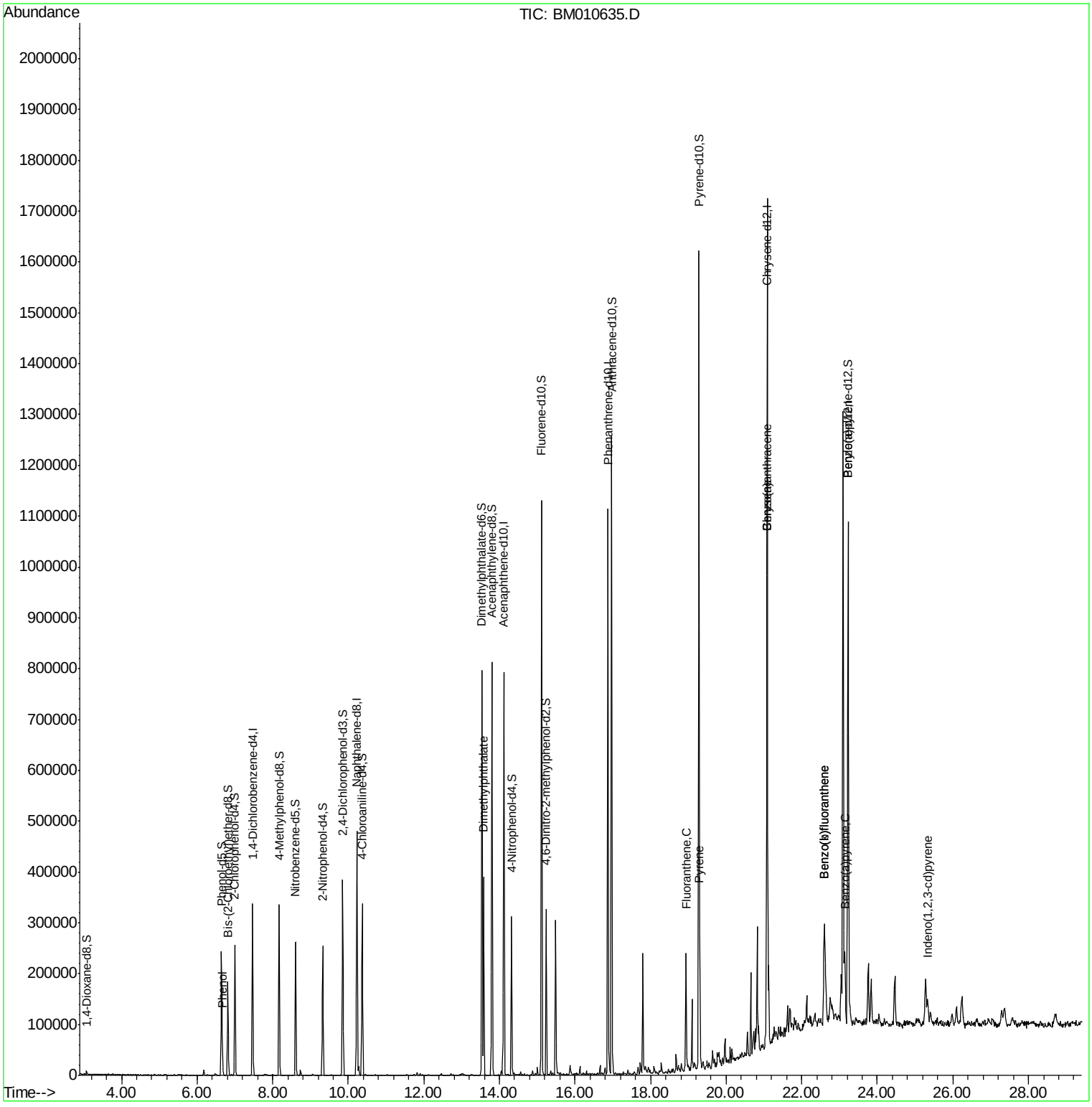
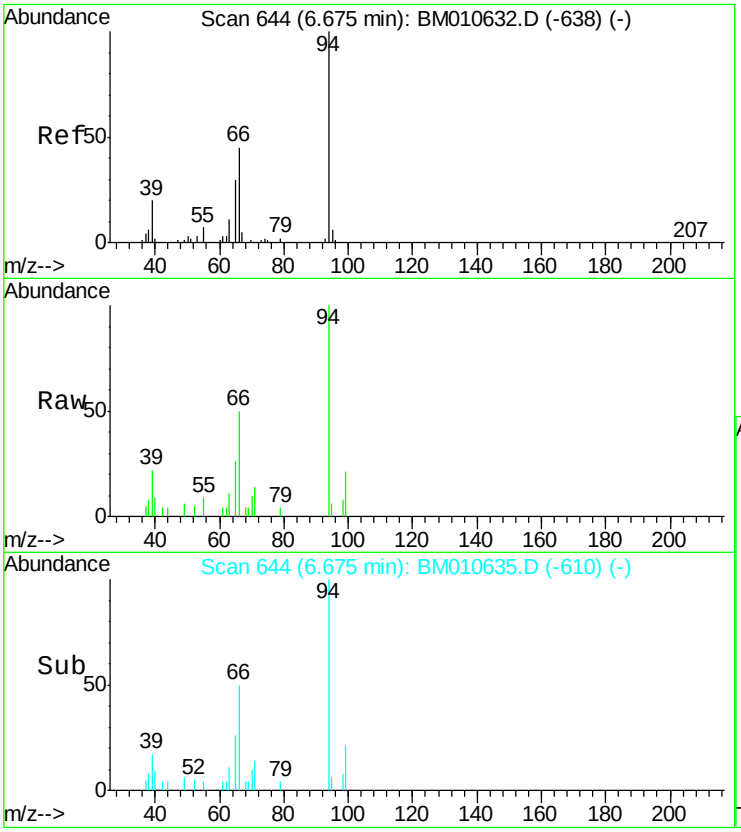


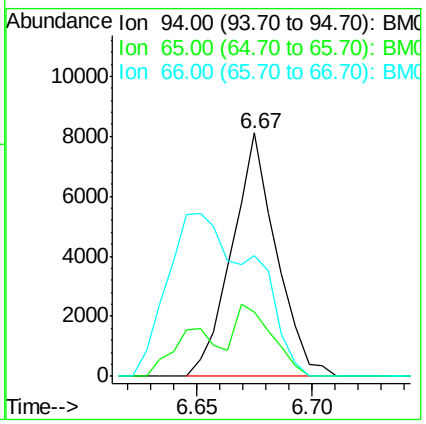


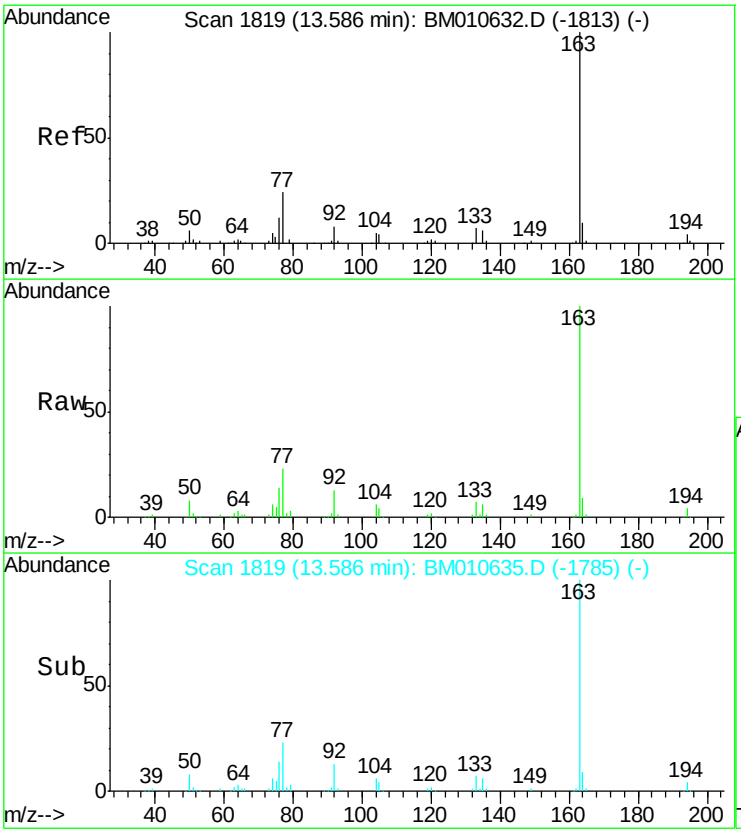
#6
Phenol
Concen: 1.45 ng/ul
RT: 6.67 min Scan# 644
Delta R.T. -0.00 min
Lab File: BM010635.D
Acq: 21 Jun 2017 22:28

Instrument :
BNA_M
ClientSampleId :
F5E25

Tgt Ion: 94 Resp: 10896

Ion	Ratio	Lower	Upper
94	100		
65	26.4	28.2	42.4#
66	49.6	47.2	70.8

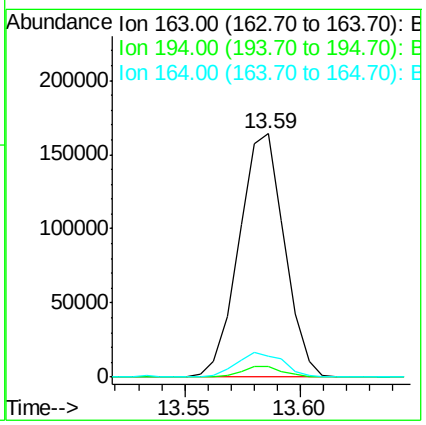


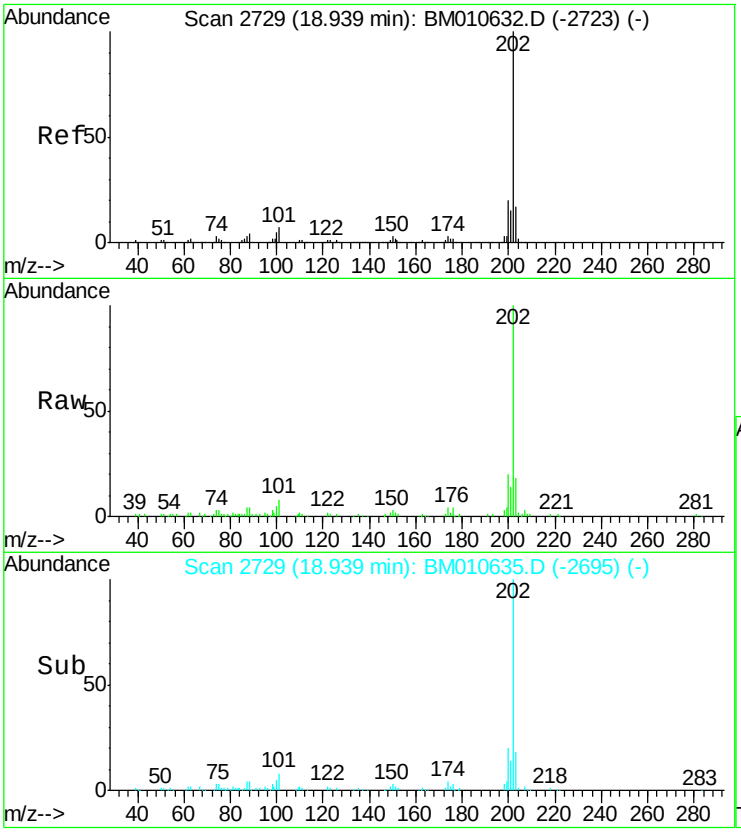


#44
Dimethylphthalate
Concen: 10.85 ng/ul
RT: 13.59 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BM010635.D
Acq: 21 Jun 2017 22:28

Tgt Ion:163 Resp: 225314

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	8.8	8.2	12.4



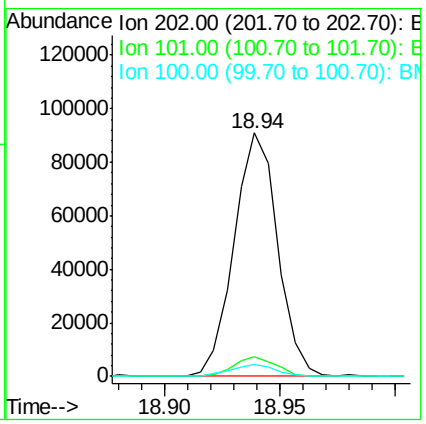


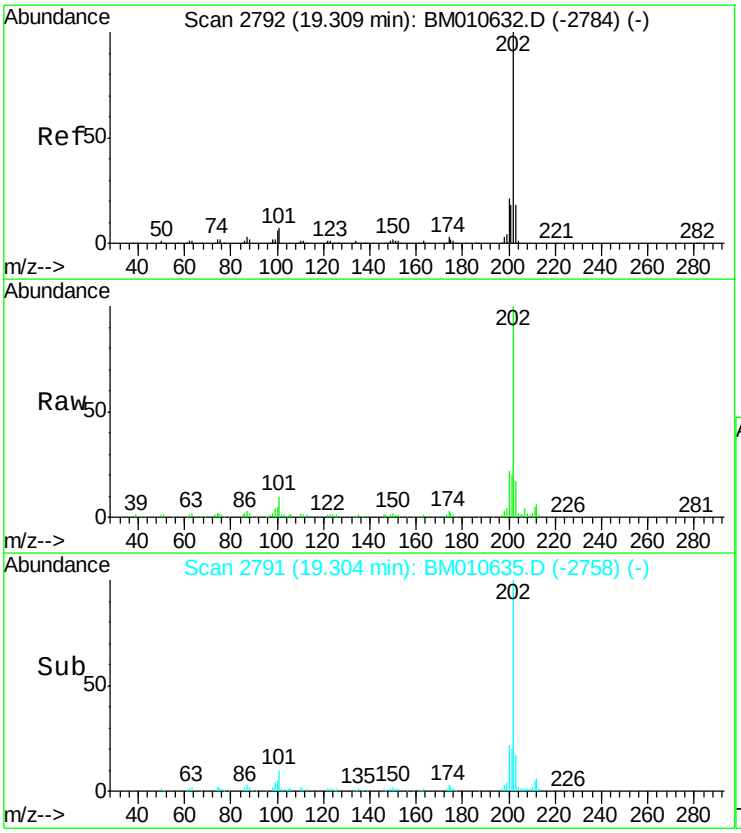
#74
Fluoranthene
Concen: 2.87 ng/ul
RT: 18.94 min Scan# 2729
Delta R.T. -0.00 min
Lab File: BM010635.D
Acq: 21 Jun 2017 22:28

Instrument :
BNA_M
ClientSampleId :
F5E25

Tgt Ion:202 Resp: 119562

Ion	Ratio	Lower	Upper
202	100		
101	8.2	4.6	7.0#
100	4.7	3.4	5.2

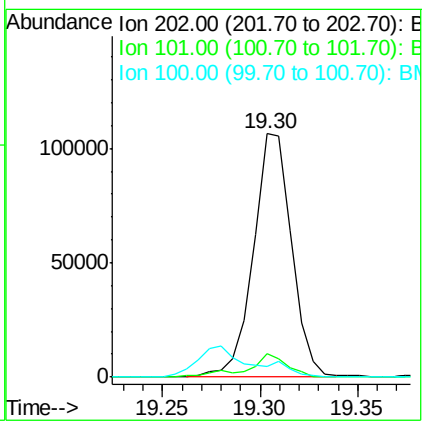


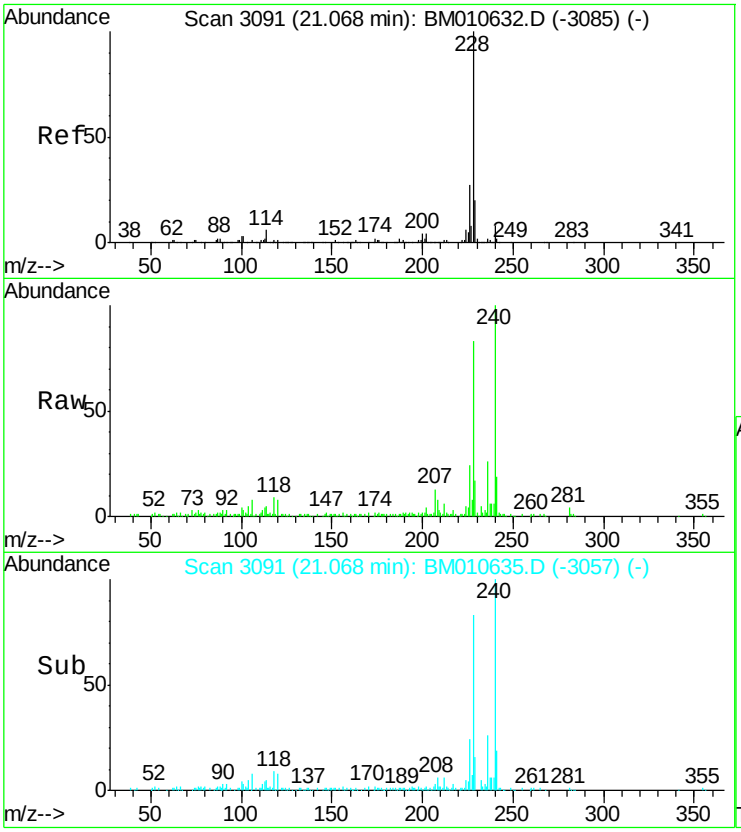


#77
Pyrene
Concen: 3.43 ng/ul
RT: 19.30 min Scan# 2791
Delta R.T. -0.01 min
Lab File: BM010635.D
Acq: 21 Jun 2017 22:28

Tgt Ion:202 Resp: 144699

Ion	Ratio	Lower	Upper
202	100		
101	9.6	5.1	7.7#
100	4.6	4.9	7.3#



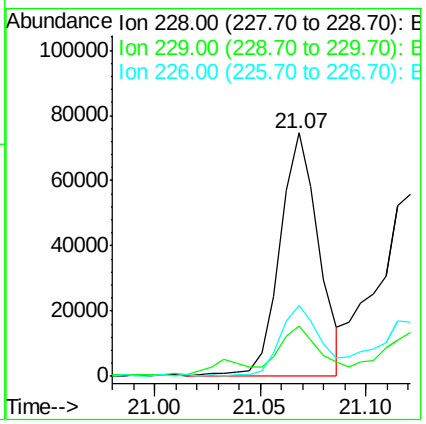


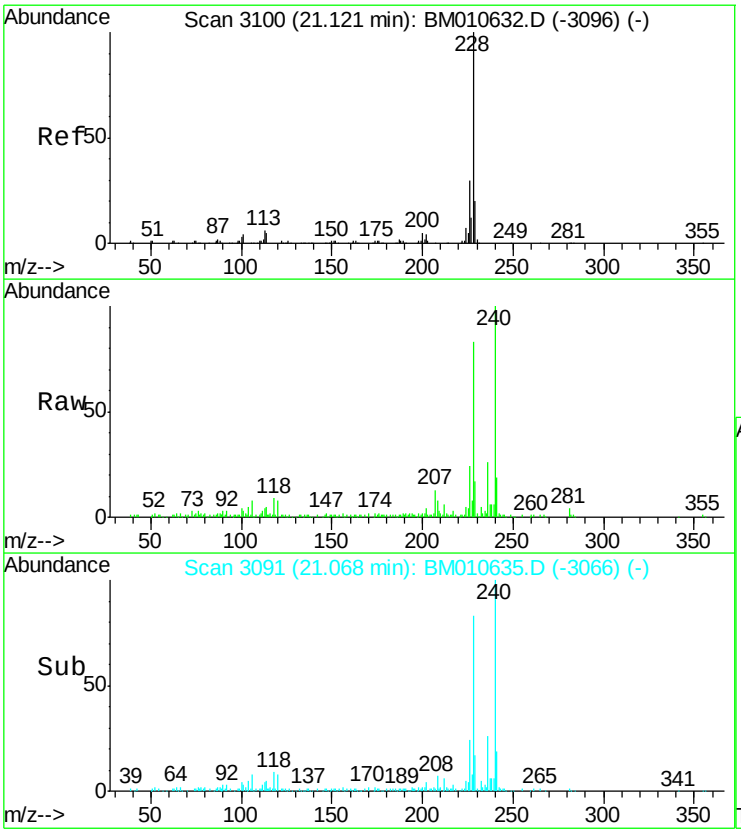
#80
Benzo(a)anthracene
Concen: 2.25 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM010635.D
Acq: 21 Jun 2017 22:28

Instrument :
BNA_M
ClientSampleId :
F5E25

Tgt Ion:228 Resp: 95719

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.4	23.0
226	29.1	21.4	32.0

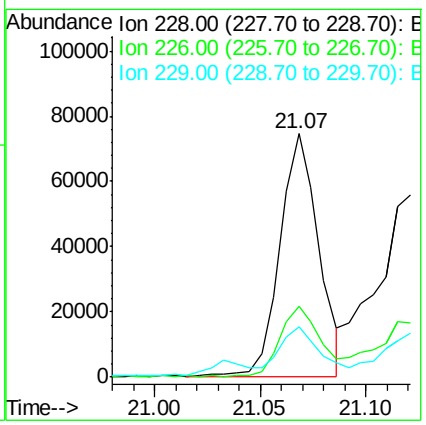


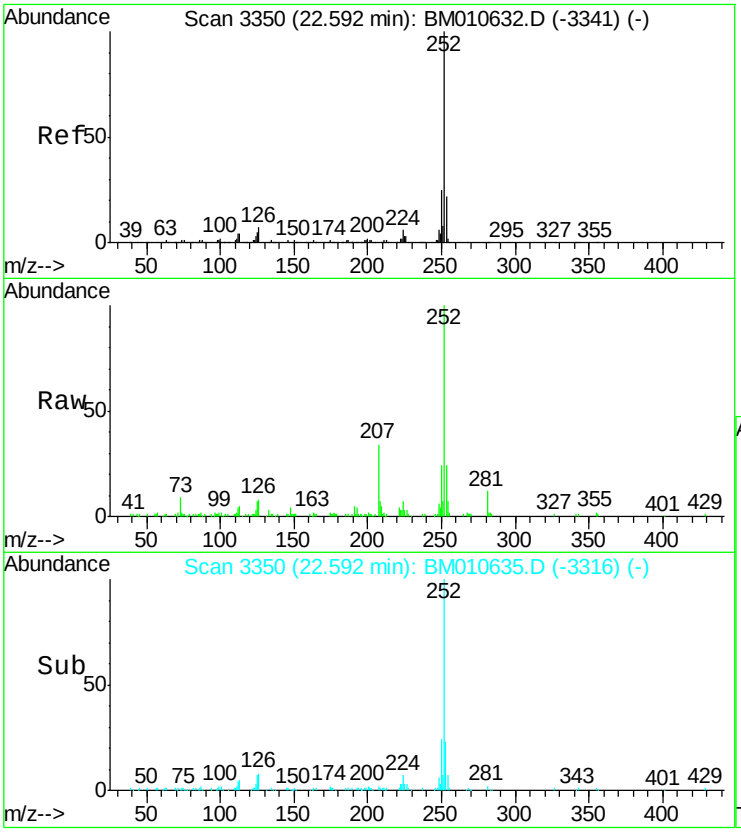


#82
Chrysene
Concen: 2.53 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. -0.05 min
Lab File: BM010635.D
Acq: 21 Jun 2017 22:28

Tgt Ion:228 Resp: 95719

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.2
229	20.6	15.5	23.3



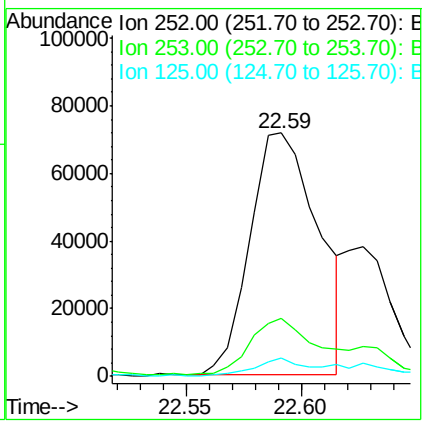


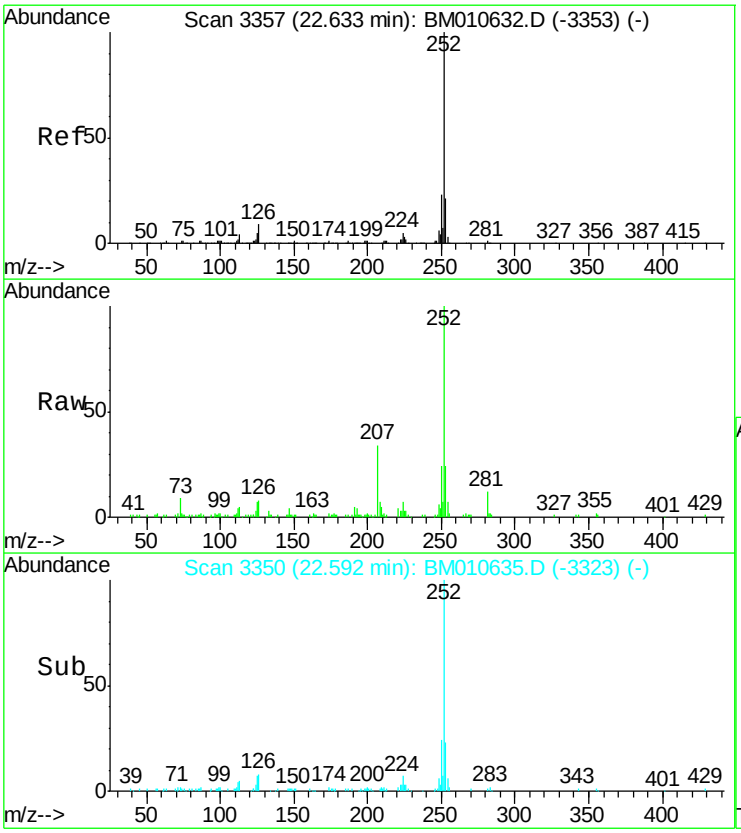
#85
Benzo(b)fluoranthene
Concen: 3.48 ng/ul
RT: 22.59 min Scan# 3350
Delta R.T. -0.00 min
Lab File: BM010635.D
Acq: 21 Jun 2017 22:28

Instrument :
BNA_M
ClientSampleId :
F5E25

Tgt Ion:252 Resp: 147965

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	7.3	3.6	5.4#

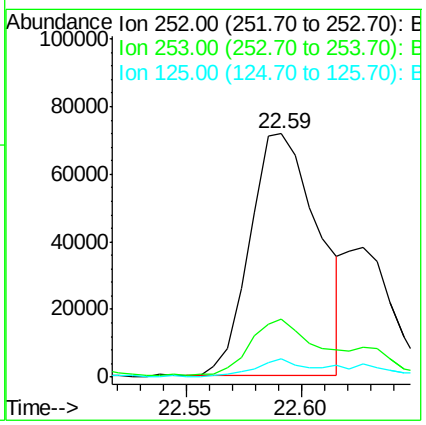


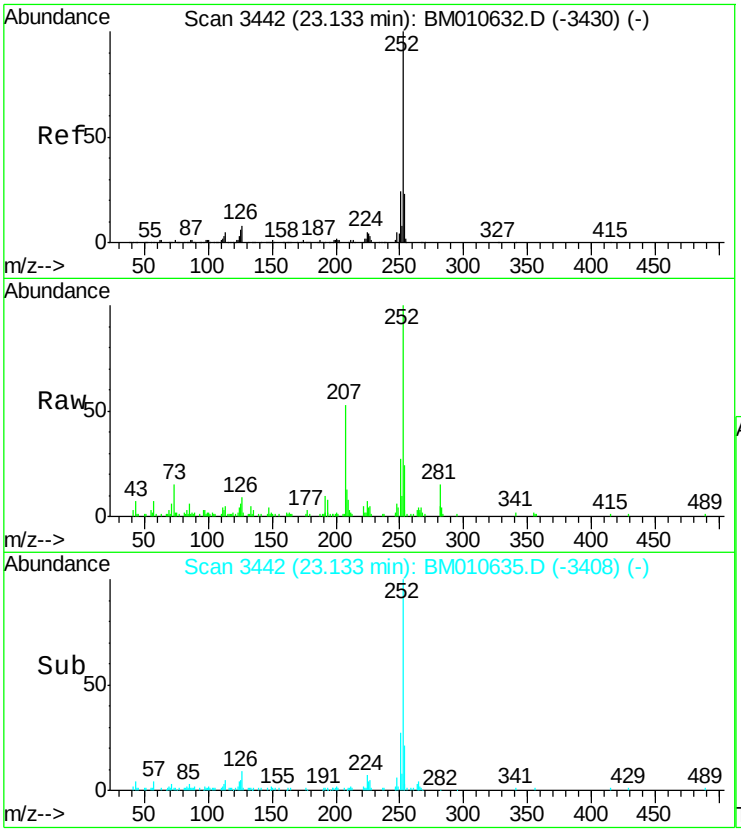


#86
Benzo(k)fluoranthene
Concen: 3.67 ng/ul
RT: 22.59 min Scan# 3350
Delta R.T. -0.04 min
Lab File: BM010635.D
Acq: 21 Jun 2017 22:28

Tgt Ion:252 Resp: 147965

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	7.3	3.4	5.2#



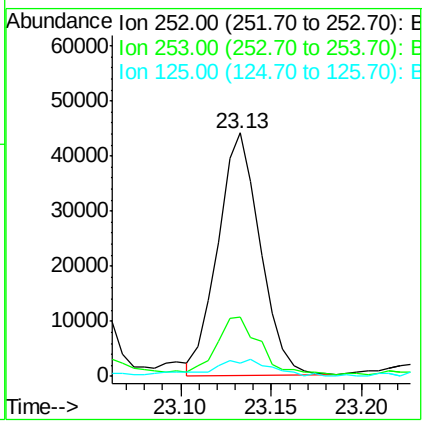


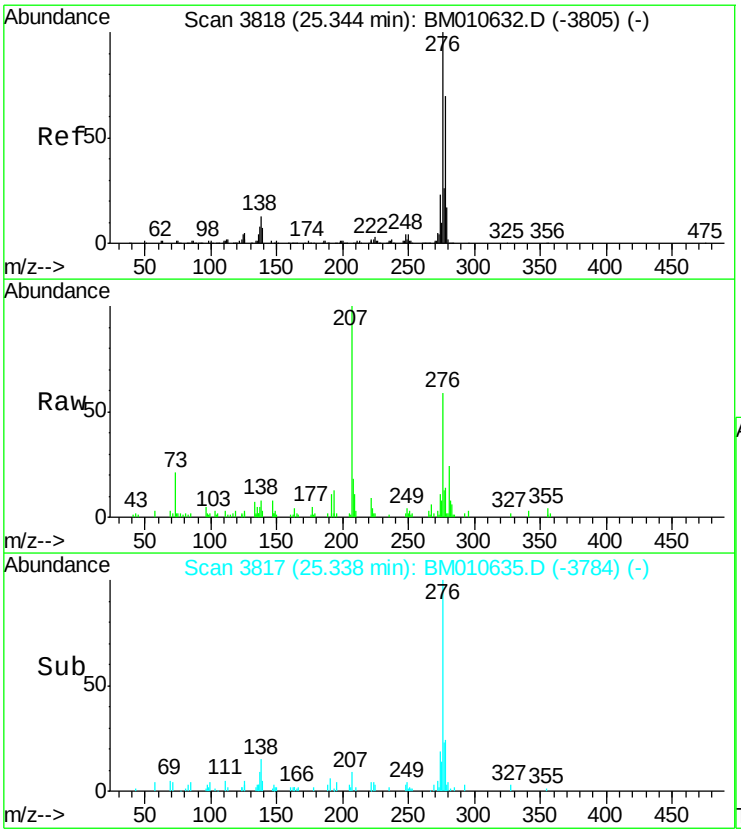
#88
Benzo(a)pyrene
Concen: 1.82 ng/ul
RT: 23.13 min Scan# 3442
Delta R.T. -0.00 min
Lab File: BM010635.D
Acq: 21 Jun 2017 22:28

Instrument :
BNA_M
ClientSampleId :
F5E25

Tgt Ion:252 Resp: 71280

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.2
125	5.6	4.0	6.0





#89
Indeno(1,2,3-cd)pyrene
Concen: 1.00 ng/ul
RT: 25.34 min Scan# 3817
Delta R.T. -0.01 min
Lab File: BM010635.D
Acq: 21 Jun 2017 22:28

Tgt Ion:276 Resp: 40761

Ion	Ratio	Lower	Upper
276	100		
138	14.4	9.3	13.9#
277	22.1	19.9	29.9