Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
Data File : BM014344.D
Acq On : 23 Feb 2018 23:07
Operator : SJ/JU
Sample : J1631-08 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 24 01:28:22 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 23 23:12:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	126024	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	584369	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	349259	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	761281	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	671279	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	552636	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	1879	0.64	ng/uL	0.00
5) Phenol-d5	6.74	99	14227	1.34	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.88	67	13867	2.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	19427	2.38	ng/ul	0.01
13) 4-Methylphenol-d8	8.27	113	13811	1.48	ng/ul	0.02
19) Nitrobenzene-d5	8.70	128	5837	1.35	ng/ul	0.02
22) 2-Nitrophenol-d4	9.41	143	8235	1.84	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.97	165	8573	0.93	ng/ul	0.04
29) 4-Chloroaniline-d4	10.53	131	2003	0.22	ng/ul	0.08
43) Dimethylphthalate-d6	13.68	166	2279	0.08	ng/ul	0.08
46) Acenaphthylene-d8	13.87	160	104562	2.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	407	0.10	ng/ul	0.12
57) Fluorene-d10	15.19	176	72392	2.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	118	0.03	ng/ul	0.00
70) Anthracene-d10	17.04	188	108340	2.95	ng/ul	0.00
76) Pyrene-d10	19.35	212	125857	3.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.18	264	91071	3.39	ng/ul	0.00
Target Compounds						Qvalue
69) Phenanthrene	16.98	178	140783	3.210	ng/ul	100
71) Anthracene	16.98	178	140783	3.192	ng/ul	98
74) Fluoranthene	19.01	202	263989	5.038	ng/ul#	92
77) Pyrene	19.37	202	255028	5.717	ng/ul#	94
80) Benzo(a)anthracene	21.19	228	123893	2.957	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	594188	22.492	ng/ul#	96
82) Chrysene	21.19	228	123893	3.170	ng/ul	96
85) Benzo(b)fluoranthene	22.68	252	137580	3.718	ng/ul#	97
86) Benzo(k)fluoranthene	22.68	252	137580	3.911	ng/ul#	98
88) Benzo(a)pyrene	23.22	252	100808	3.049	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	25.48	276	62153	1.937	ng/ul#	90
91) Benzo(g,h,i)perylene	26.13	276	54177	2.084	ng/ul#	82

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

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Misc :
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QLast Update : Fri Feb 23 23:12:42 2018
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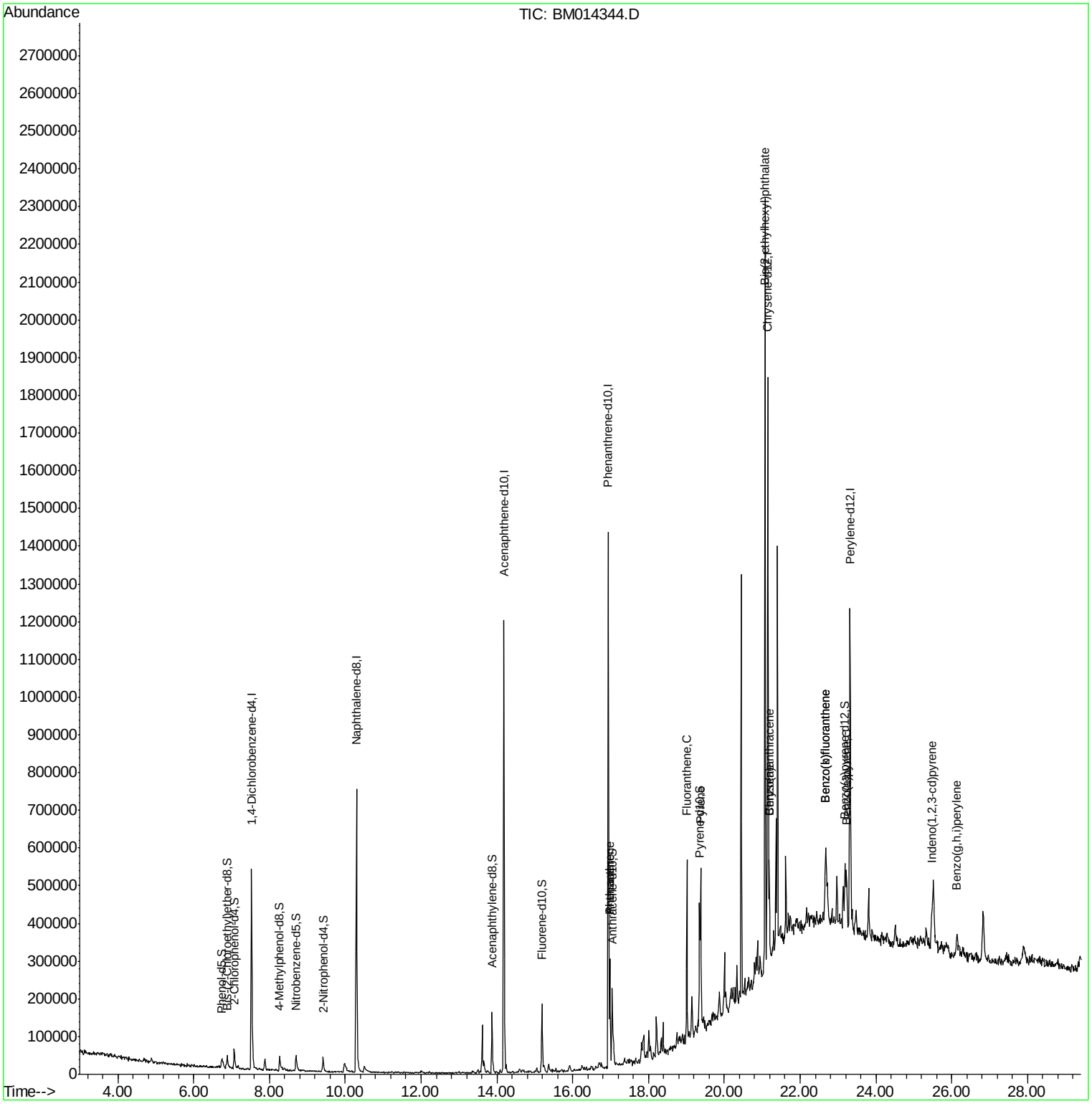
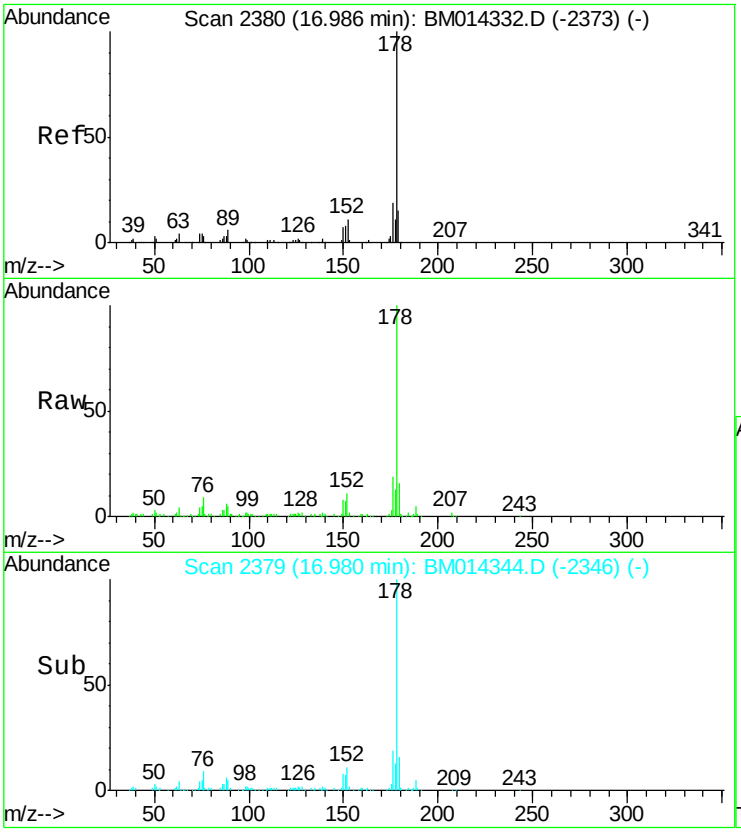


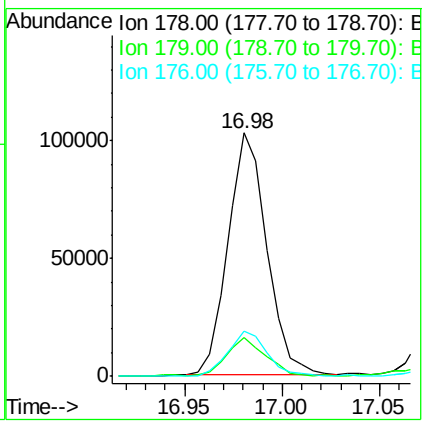


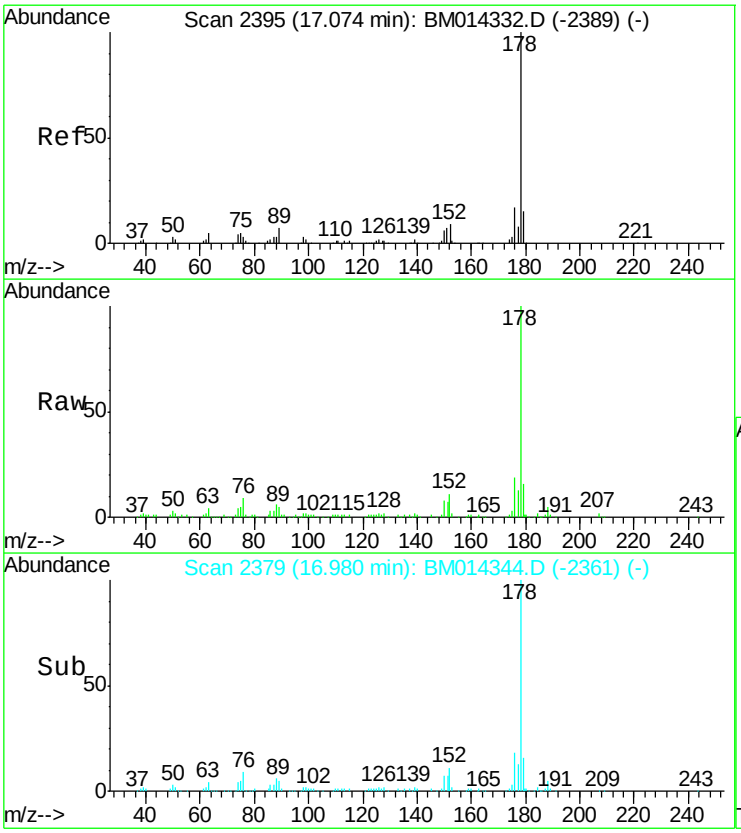
#69
Phenanthrene
Concen: 3.210 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM014344.D
Acq: 23 Feb 2018 23:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 140783

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	18.8	14.9	22.3

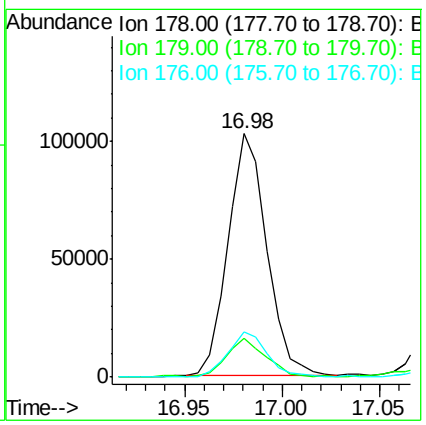


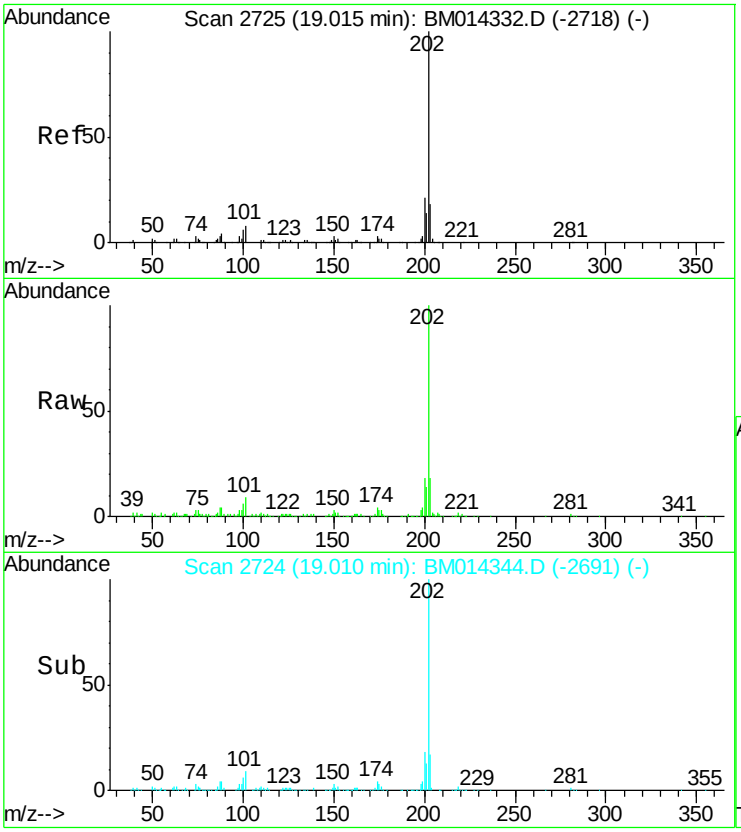


#71
Anthracene
Concen: 3.192 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. -0.09 min
Lab File: BM014344.D
Acq: 23 Feb 2018 23:07

Tgt Ion:178 Resp: 140783

Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.7	17.5
176	18.8	14.6	21.8



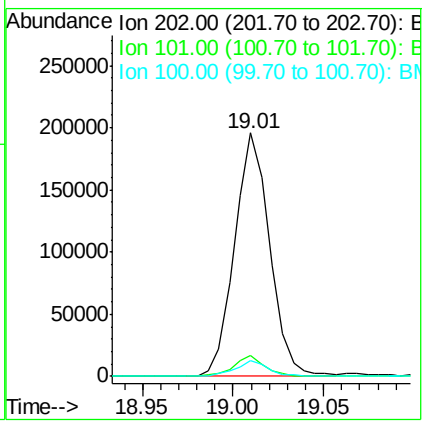


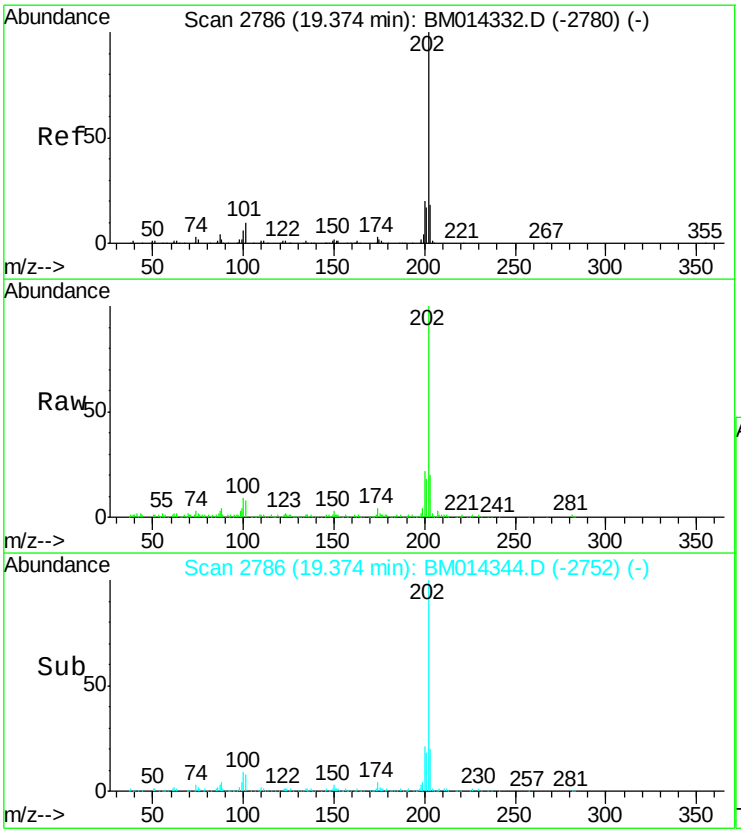
#74
Fluoranthene
Concen: 5.038 ng/ul
RT: 19.01 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BM014344.D
Acq: 23 Feb 2018 23:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 263989

Ion	Ratio	Lower	Upper
202	100		
101	8.8	4.6	7.0#
100	6.3	3.4	5.2#

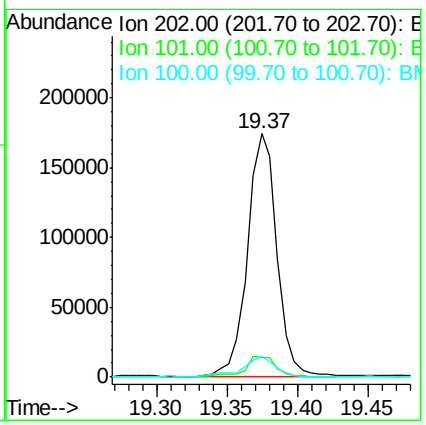


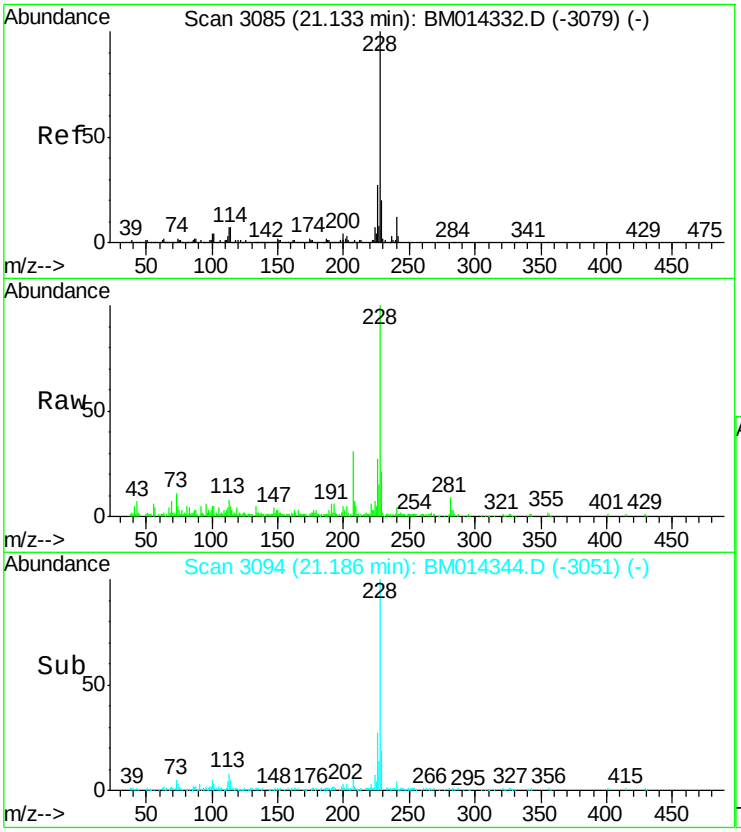


#77
Pyrene
Concen: 5.717 ng/ul
RT: 19.37 min Scan# 2786
Delta R.T. 0.00 min
Lab File: BM014344.D
Acq: 23 Feb 2018 23:07

Tgt Ion:202 Resp: 255028

Ion	Ratio	Lower	Upper
202	100		
101	8.2	5.1	7.7#
100	8.7	4.9	7.3#



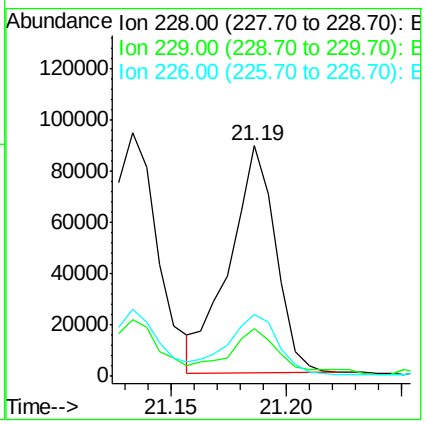


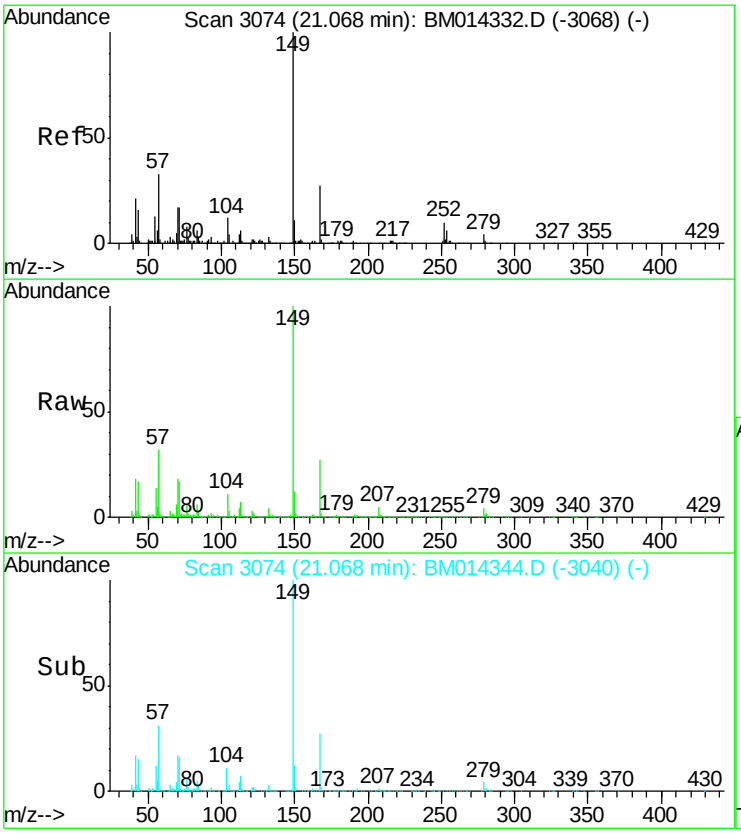
#80
Benzo(a)anthracene
Concen: 2.957 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. 0.05 min
Lab File: BM014344.D
Acq: 23 Feb 2018 23:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 123893

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.4	23.0
226	26.8	21.4	32.0

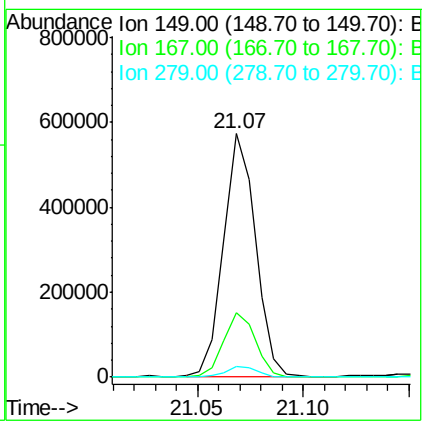


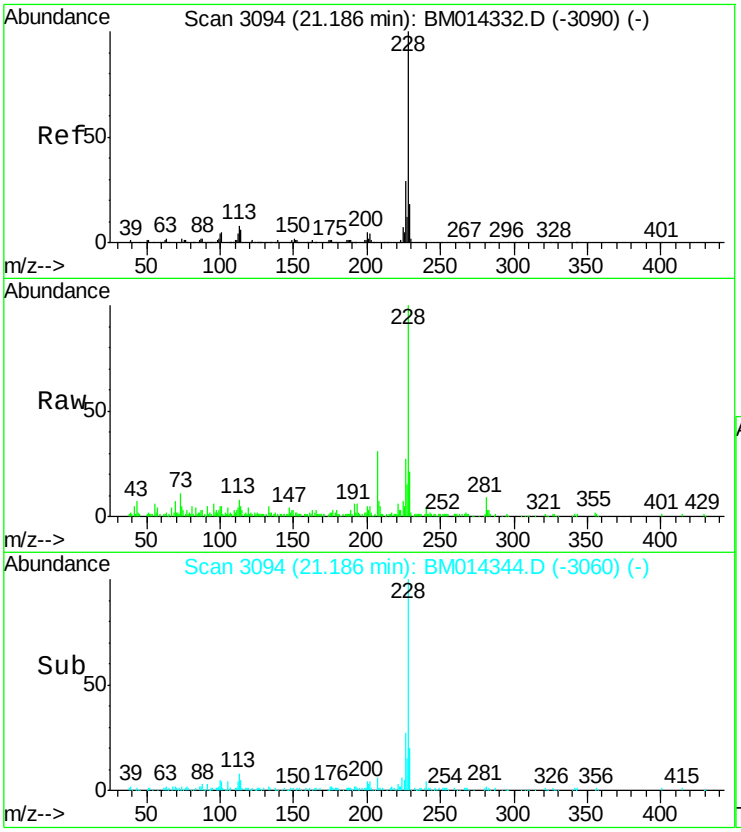


#81
Bis(2-ethylhexyl)phthalate
Concen: 22.492 ng/ul
RT: 21.07 min Scan# 3074
Delta R.T. 0.00 min
Lab File: BM014344.D
Acq: 23 Feb 2018 23:07

Tgt Ion:149 Resp: 594188

Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.8	34.2
279	4.4	4.9	7.3#



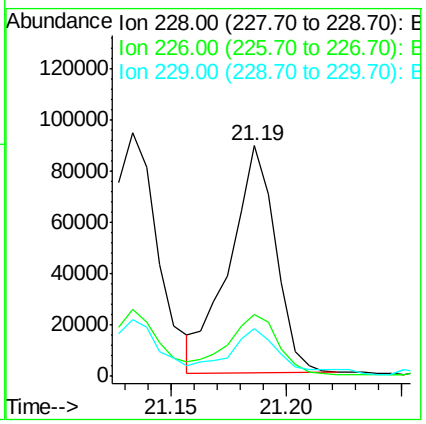


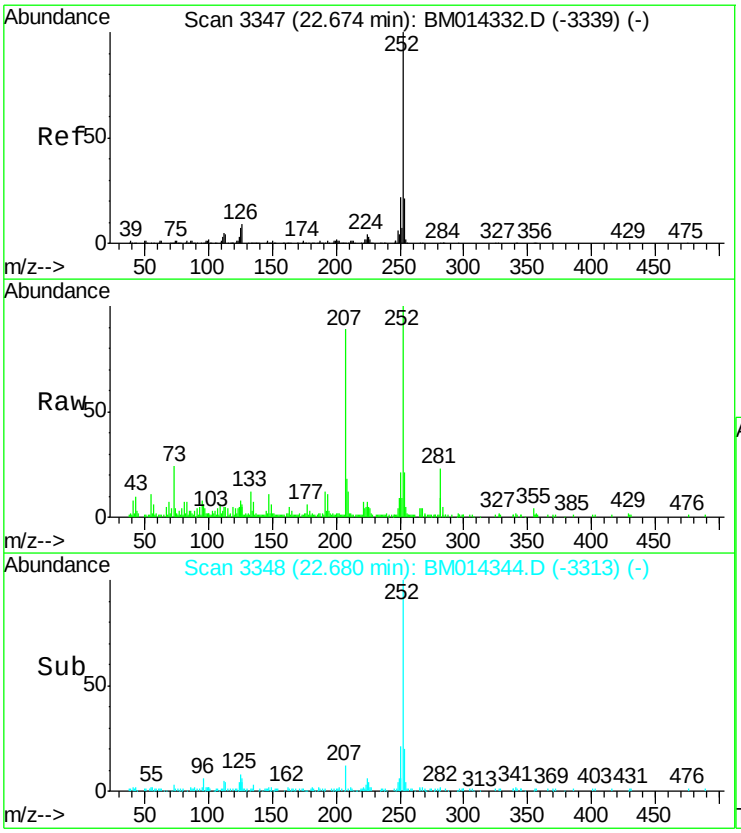
#82
Chrysene
Concen: 3.170 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BM014344.D
Acq: 23 Feb 2018 23:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 123893

Ion	Ratio	Lower	Upper
228	100		
226	26.8	23.4	35.2
229	20.6	15.5	23.3

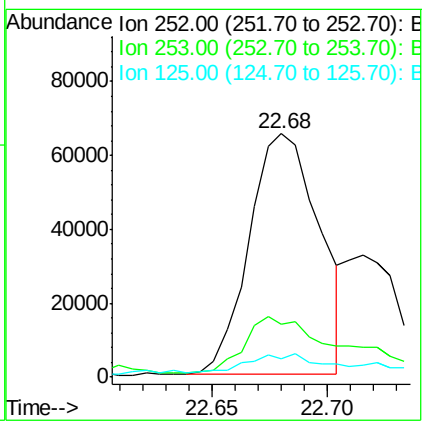


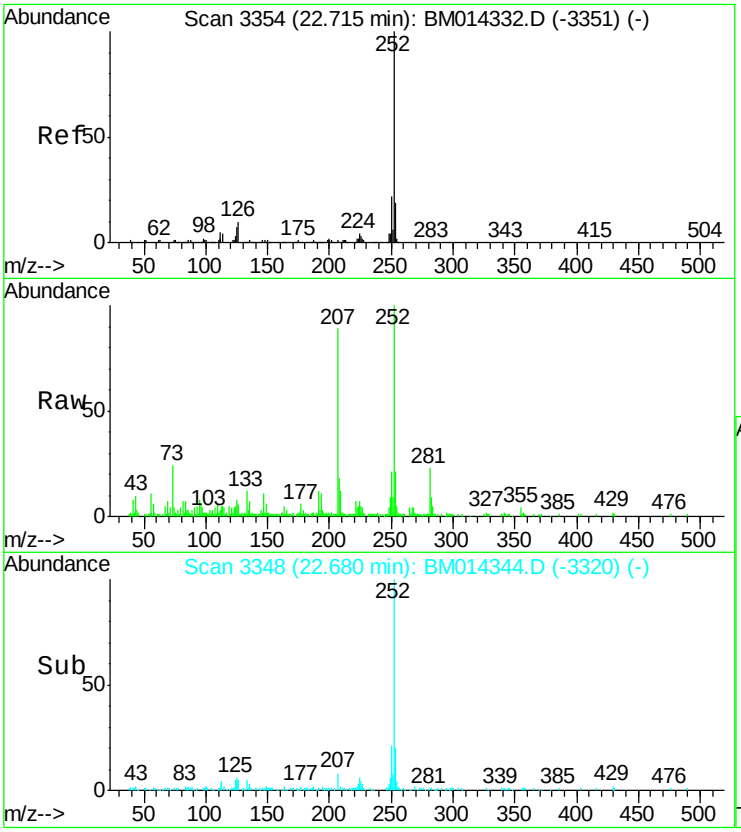


#85
Benzo(b)fluoranthene
Concen: 3.718 ng/ul
RT: 22.68 min Scan# 3348
Delta R.T. 0.01 min
Lab File: BM014344.D
Acq: 23 Feb 2018 23:07

Tgt Ion:252 Resp: 137580

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	7.8	3.6	5.4#



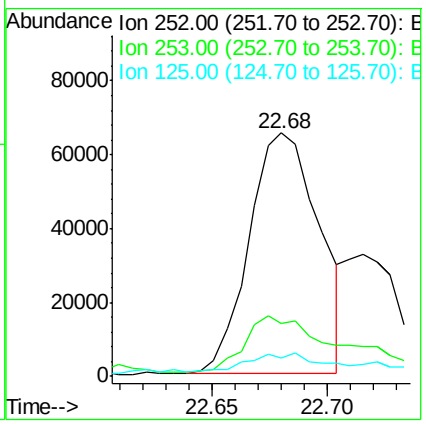


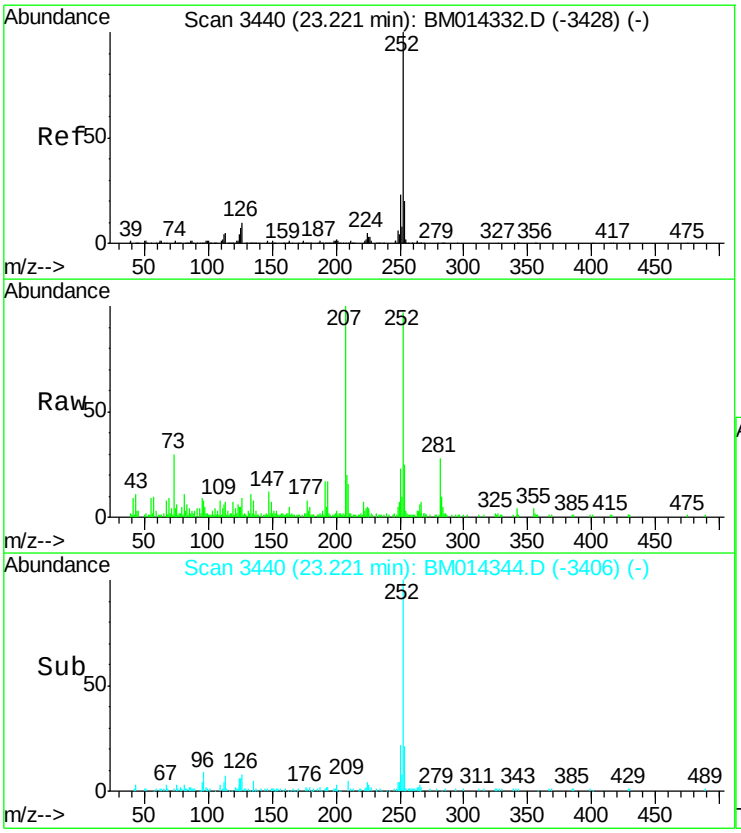
#86
Benzo(k)fluoranthene
Concen: 3.911 ng/ul
RT: 22.68 min Scan# 3348
Delta R.T. -0.03 min
Lab File: BM014344.D
Acq: 23 Feb 2018 23:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 137580

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	7.8	3.4	5.2#

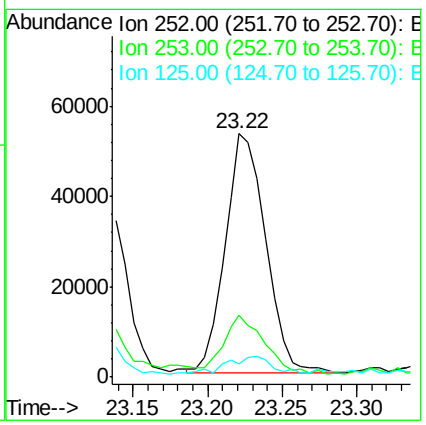


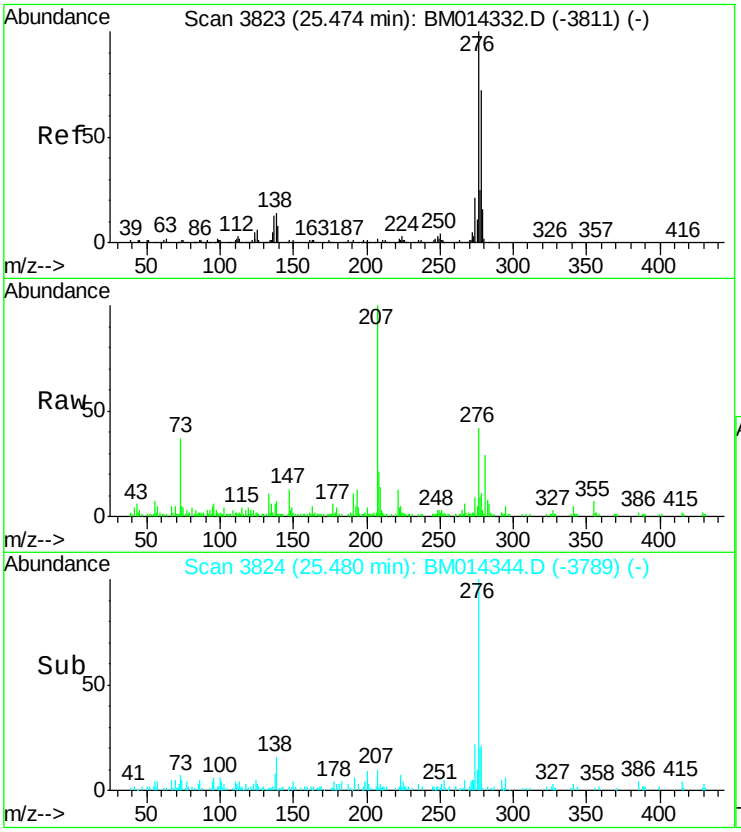


#88
Benzo(a)pyrene
Concen: 3.049 ng/ul
RT: 23.22 min Scan# 3440
Delta R.T. 0.00 min
Lab File: BM014344.D
Acq: 23 Feb 2018 23:07

Tgt Ion:252 Resp: 100808

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.2	27.2
125	5.6	4.0	6.0



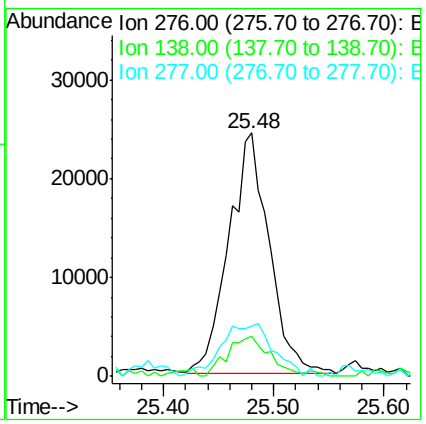


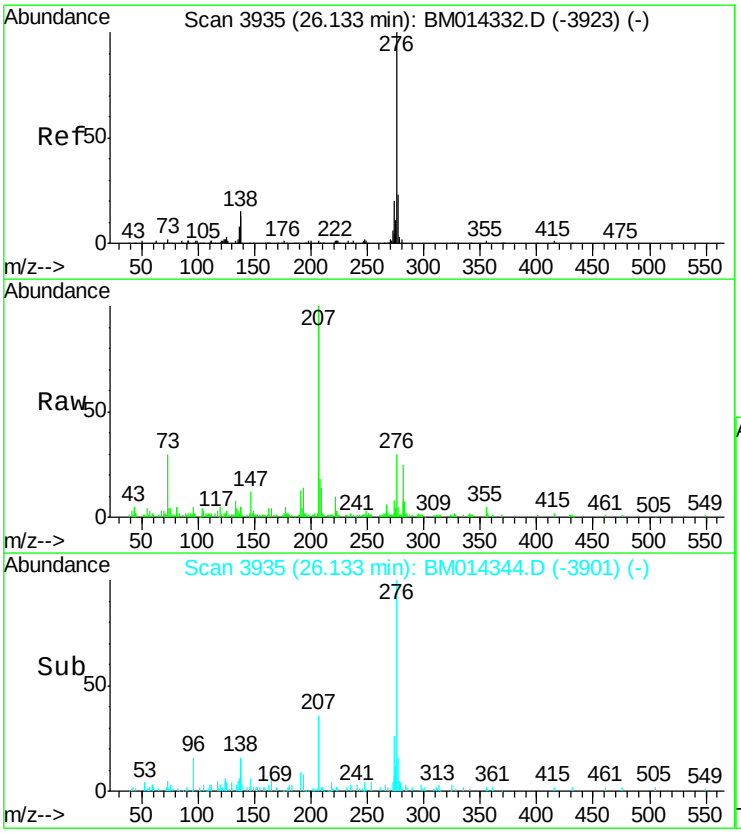
#89
Indeno(1,2,3-cd)pyrene
Concen: 1.937 ng/ul
RT: 25.48 min Scan# 3824
Delta R.T. 0.01 min
Lab File: BM014344.D
Acq: 23 Feb 2018 23:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 62153

Ion	Ratio	Lower	Upper
276	100		
138	16.4	9.3	13.9#
277	20.6	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 2.084 ng/ul
RT: 26.13 min Scan# 3935
Delta R.T. 0.00 min
Lab File: BM014344.D
Acq: 23 Feb 2018 23:07

Tgt Ion:276 Resp: 54177

Ion	Ratio	Lower	Upper
276	100		
138	18.9	8.5	12.7#
277	15.6	18.6	28.0#