Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014398.D
Acq On : 28 Feb 2018 11:36
Operator : SJ/JU
Sample : J1646-09 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X3DL

Quant Time: Feb 28 15:53:59 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 12:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	98421	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	397902	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	235095	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	494789	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	499438	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	473990	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	2871	1.25	ng/uL	0.00
5) Phenol-d5	6.73	99	41788	5.02	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	23648	4.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	34696	5.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	27611	3.79	ng/ul	0.02
19) Nitrobenzene-d5	8.69	128	19142	6.51	ng/ul	0.01
22) 2-Nitrophenol-d4	9.40	143	17276	5.68	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.96	165	31443	4.99	ng/ul	0.03
29) 4-Chloroaniline-d4	10.48	131	17657	2.84	ng/ul	0.03
43) Dimethylphthalate-d6	13.60	166	116192	5.98	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	152299	6.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	4166	1.55	ng/ul	0.07
57) Fluorene-d10	15.18	176	100878	5.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	3980	1.34	ng/ul	0.02
70) Anthracene-d10	17.04	188	151208	6.33	ng/ul	0.00
76) Pyrene-d10	19.34	212	171140	6.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	147771	6.41	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.65	163	28457	1.486	ng/ul#	93
49) Acenaphthene	14.24	153	23484	1.474	ng/ul	97
58) Fluorene	15.24	166	22706	1.101	ng/ul	91
69) Phenanthrene	16.98	178	524793	18.409	ng/ul	99
71) Anthracene	16.98	178	524793	18.305	ng/ul	98
72) Carbazole	17.36	167	30166	1.251	ng/ul#	93
77) Pyrene	19.37	202	623873	18.796	ng/ul#	92
80) Benzo(a)anthracene	21.14	228	273776	8.783	ng/ul	99
82) Chrysene	21.19	228	252797	8.694	ng/ul	97
85) Benzo(b)fluoranthene	22.69	252	277278	8.737	ng/ul#	94
86) Benzo(k)fluoranthene	22.69	252	277278	9.189	ng/ul#	96
88) Benzo(a)pyrene	23.23	252	205382	7.242	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.49	276	122139	4.438	ng/ul#	93
91) Benzo(g,h,i)perylene	26.14	276	97137	4.357	ng/ul#	94

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

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Quant Title : SVOA CALIBRATION
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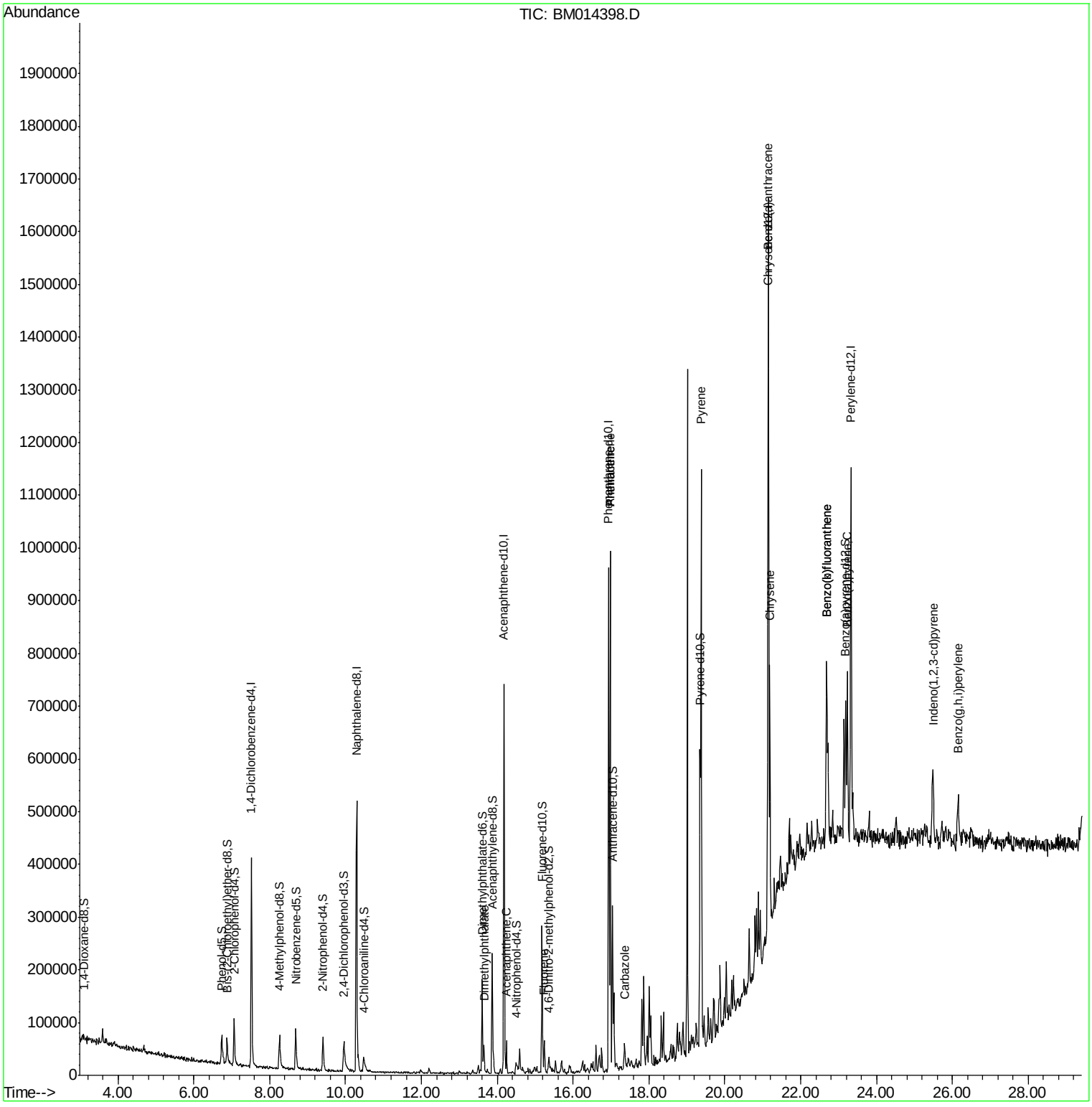
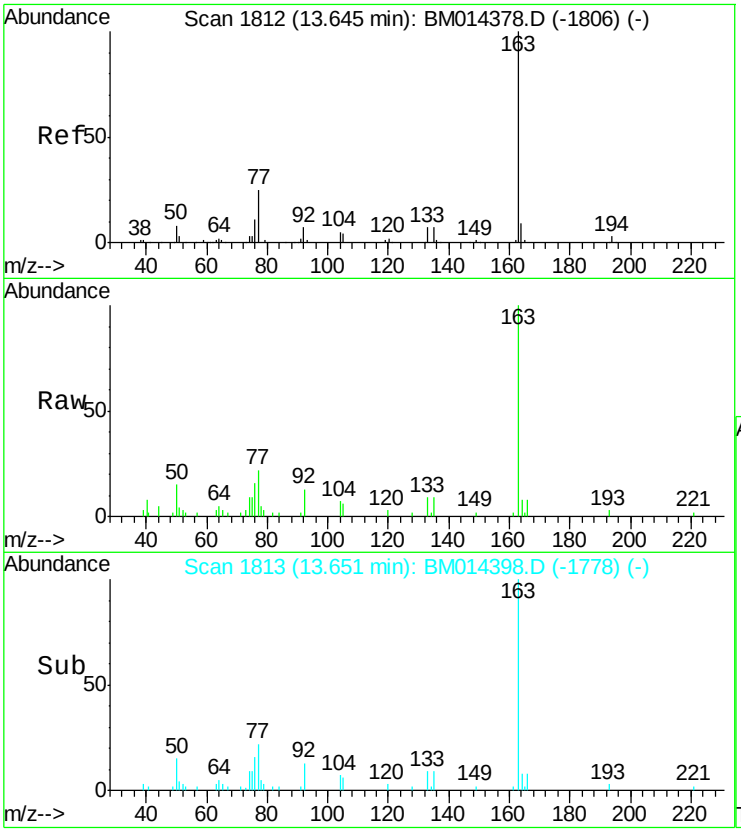


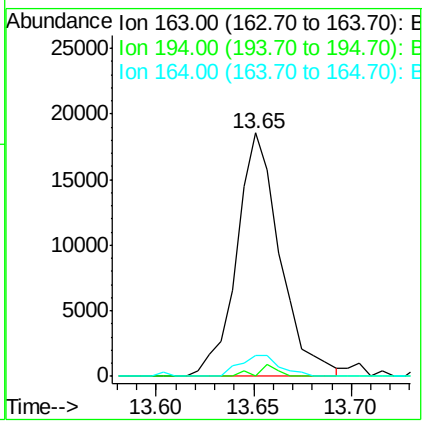


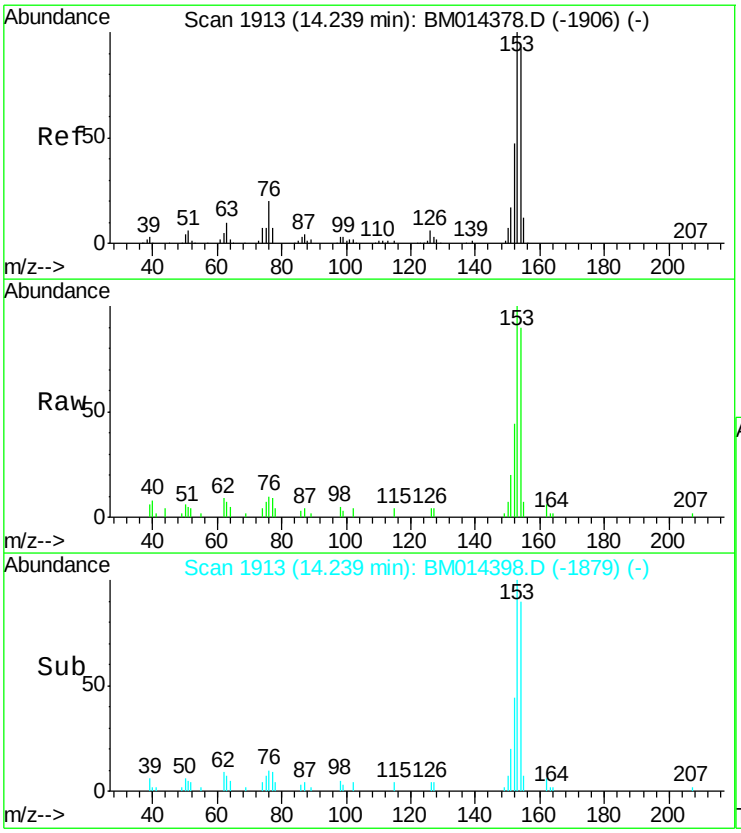
#44
Dimethylphthalate
Concen: 1.486 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BM014398.D
Acq: 28 Feb 2018 11:36

Instrument :
BNA_M
ClientSampleId :
BE5X3DL

Tgt Ion:163 Resp: 28457

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.5	5.3#
164	8.5	8.2	12.4

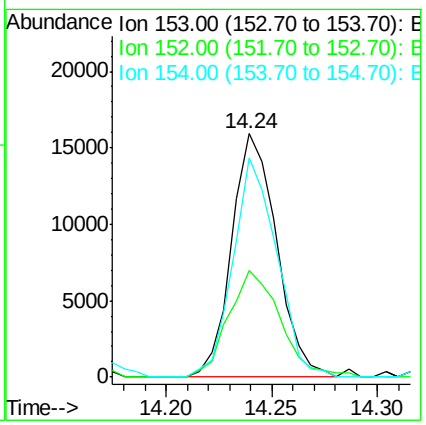


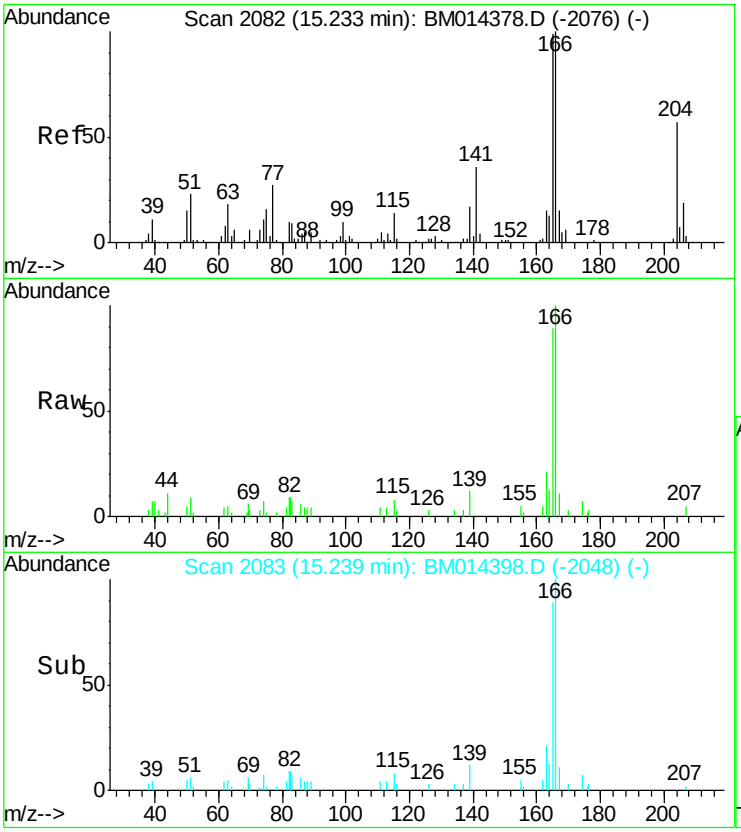


#49
Acenaphthene
Concen: 1.474 ng/ul
RT: 14.24 min Scan# 1913
Delta R.T. -0.00 min
Lab File: BM014398.D
Acq: 28 Feb 2018 11:36

Tgt Ion:153 Resp: 23484

Ion	Ratio	Lower	Upper
153	100		
152	43.9	37.6	56.4
154	89.9	70.4	105.6



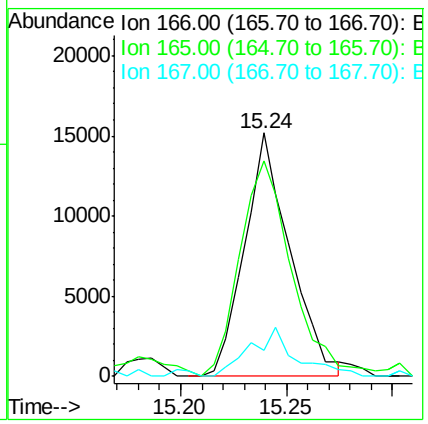


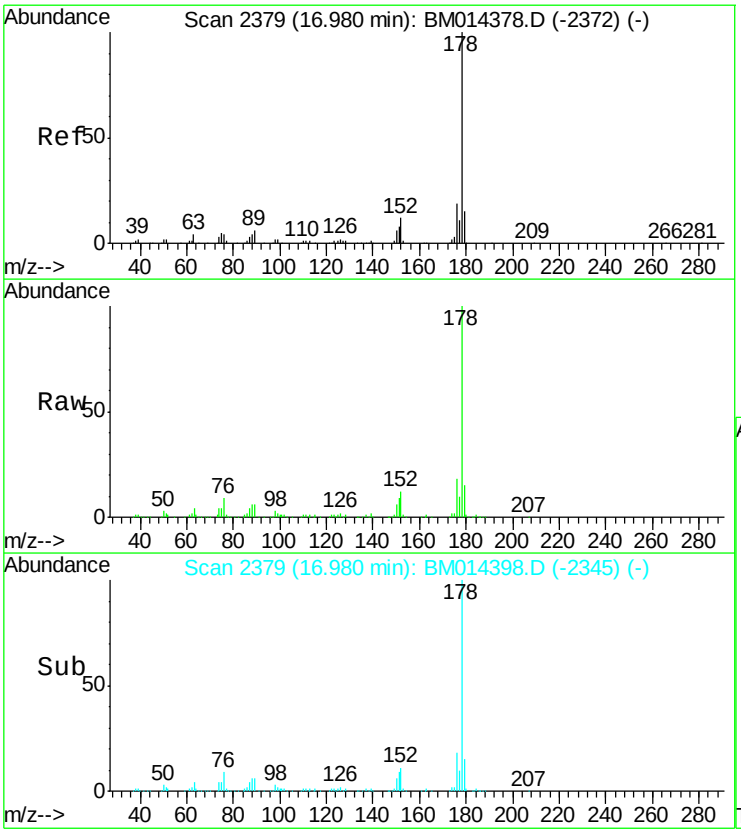
#58
Fluorene
Concen: 1.101 ng/ul
RT: 15.24 min Scan# 2083
Delta R.T. 0.01 min
Lab File: BM014398.D
Acq: 28 Feb 2018 11:36

Instrument :
BNA_M
ClientSampleId :
BE5X3DL

Tgt Ion:166 Resp: 22706

Ion	Ratio	Lower	Upper
166	100		
165	88.6	77.9	116.9
167	10.7	10.6	16.0

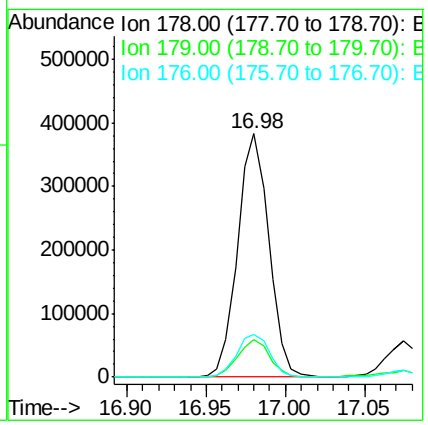


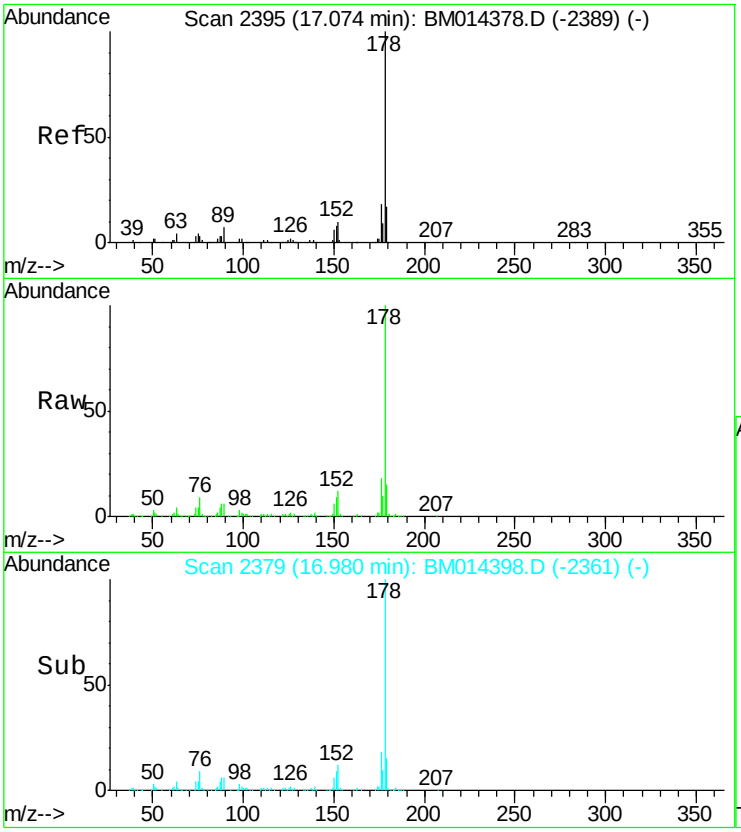


#69
Phenanthrene
Concen: 18.409 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BM014398.D
Acq: 28 Feb 2018 11:36

Tgt Ion:178 Resp: 524793

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	17.7	14.9	22.3



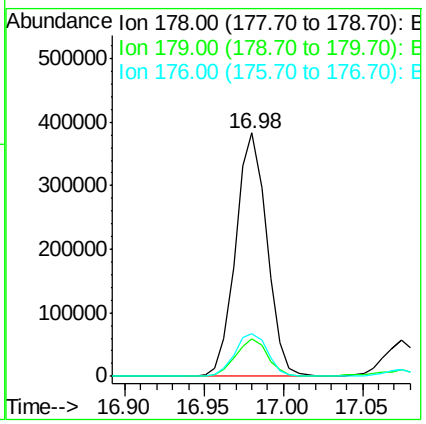


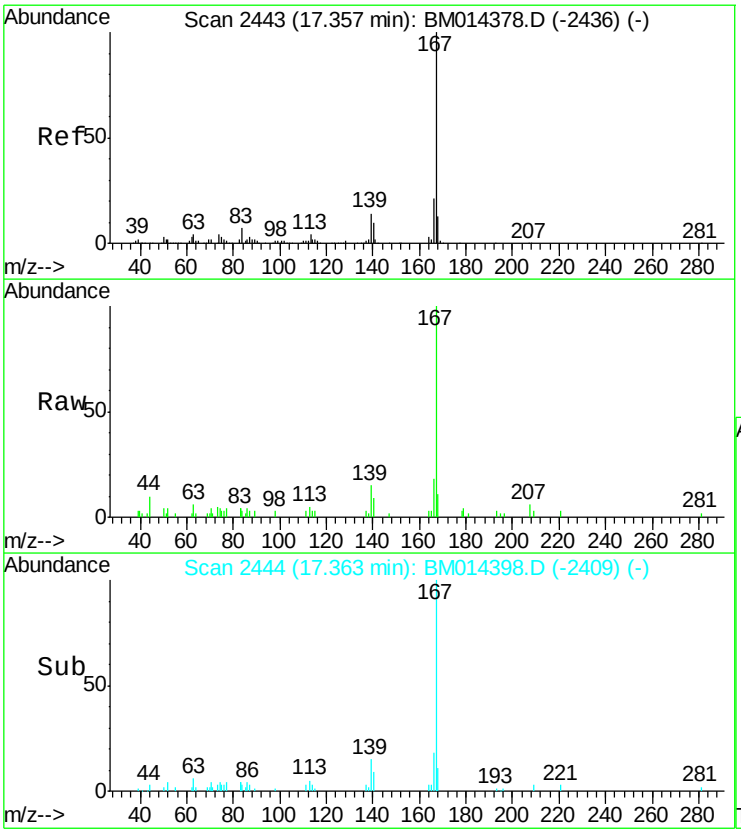
#71
Anthracene
Concen: 18.305 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. -0.09 min
Lab File: BM014398.D
Acq: 28 Feb 2018 11:36

Instrument :
BNA_M
ClientSampleId :
BE5X3DL

Tgt Ion:178 Resp: 524793

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.7	17.5
176	17.7	14.6	21.8

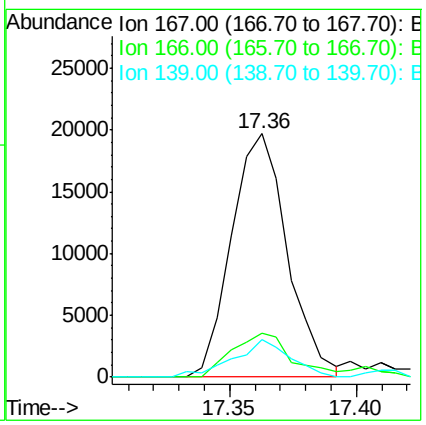


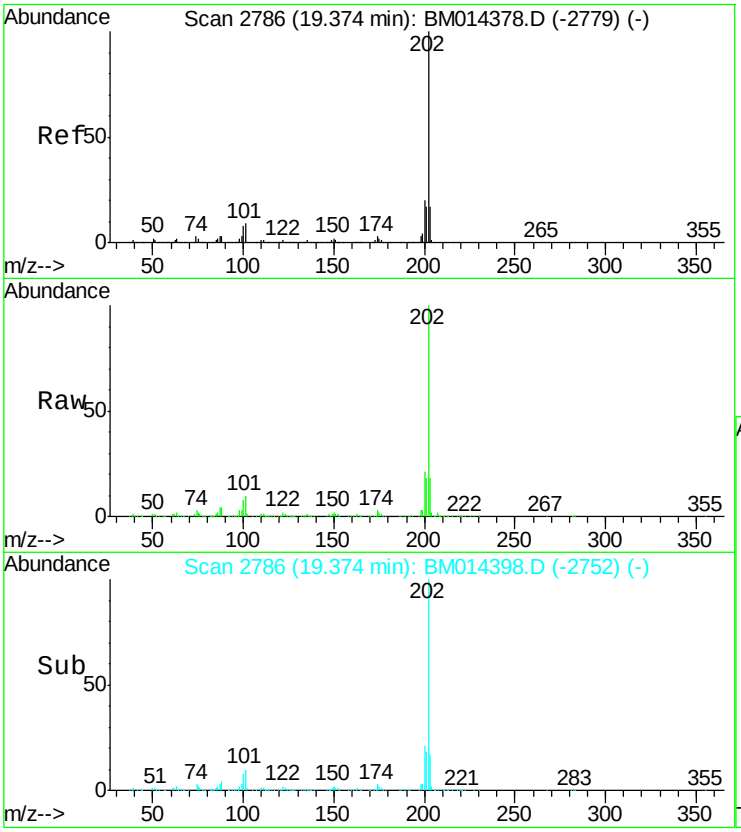


#72
Carbazole
Concen: 1.251 ng/ul
RT: 17.36 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BM014398.D
Acq: 28 Feb 2018 11:36

Tgt Ion:167 Resp: 30166

Ion	Ratio	Lower	Upper
167	100		
166	18.2	17.1	25.7
139	15.4	10.0	15.0#



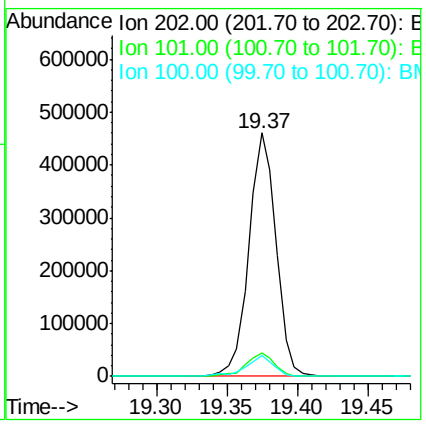


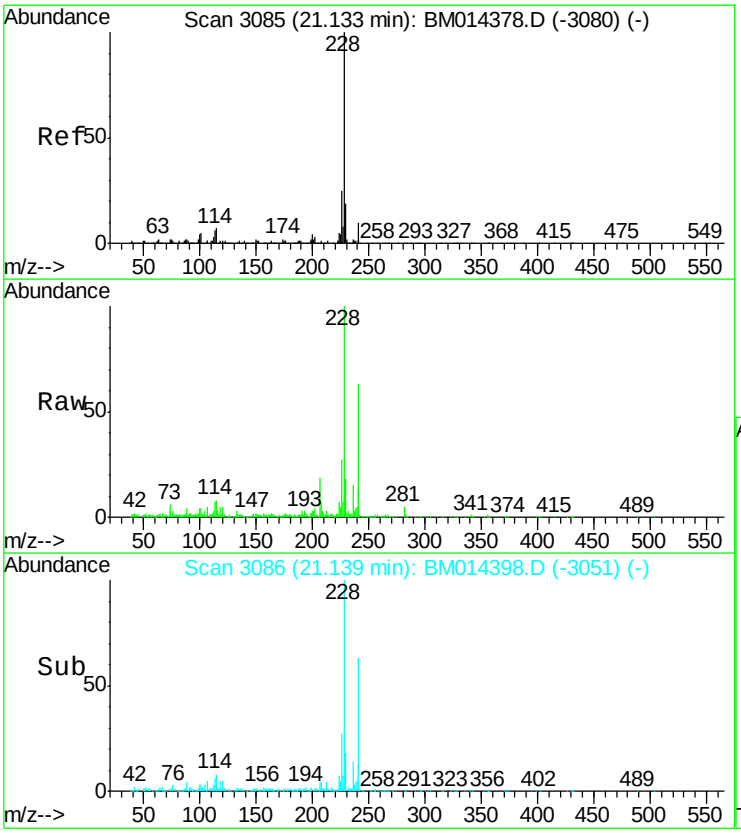
#77
Pyrene
Concen: 18.796 ng/ul
RT: 19.37 min Scan# 2786
Delta R.T. -0.00 min
Lab File: BM014398.D
Acq: 28 Feb 2018 11:36

Instrument :
BNA_M
ClientSampleId :
BE5X3DL

Tgt Ion:202 Resp: 623873

Ion	Ratio	Lower	Upper
202	100		
101	9.8	5.1	7.7#
100	8.4	4.9	7.3#

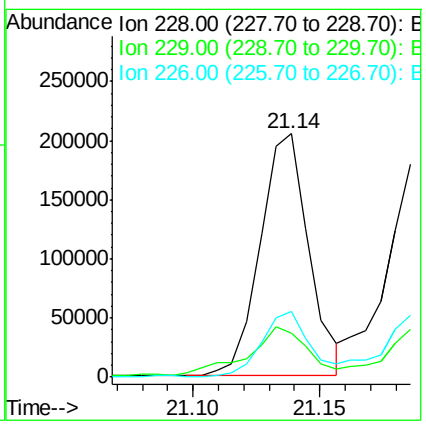


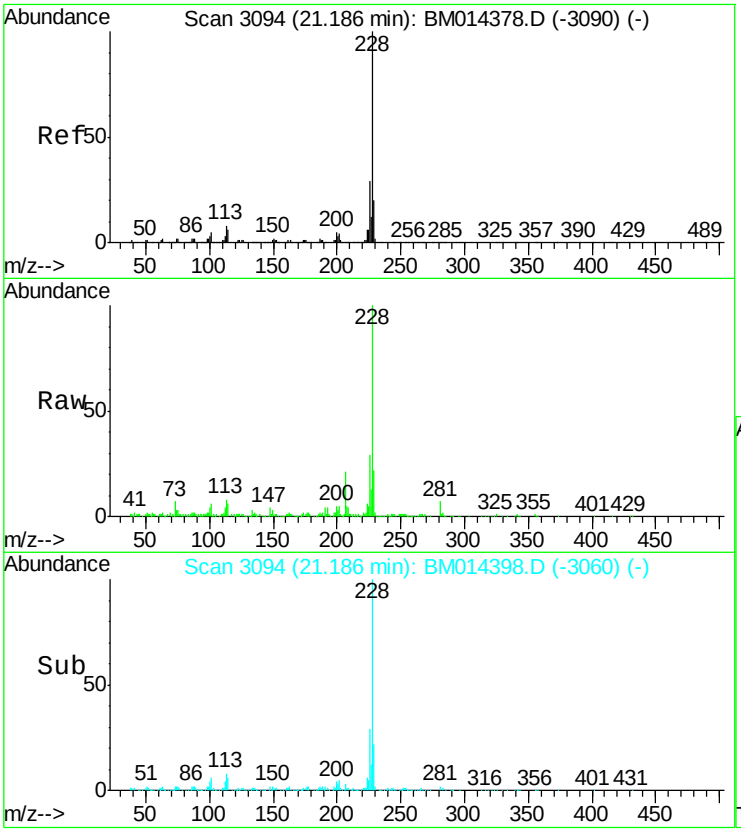


#80
Benzo(a)anthracene
Concen: 8.783 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. 0.01 min
Lab File: BM014398.D
Acq: 28 Feb 2018 11:36

Tgt Ion:228 Resp: 273776

Ion	Ratio	Lower	Upper
228	100		
229	18.3	15.4	23.0
226	26.8	21.4	32.0



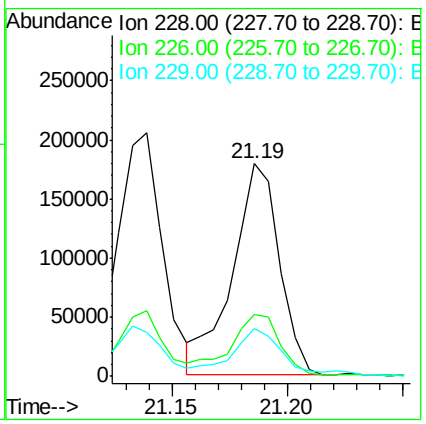


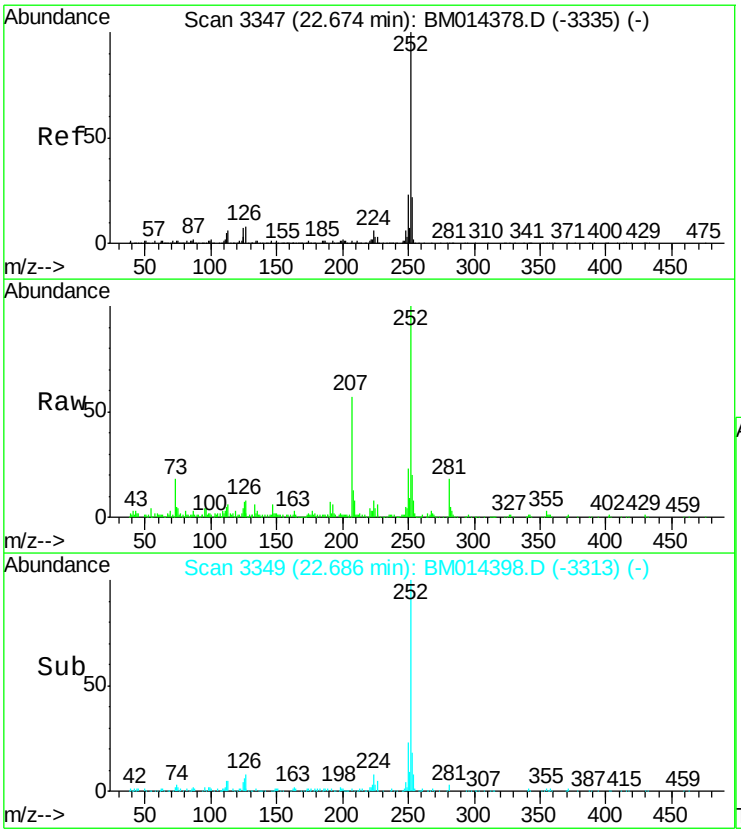
#82
Chrysene
Concen: 8.694 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BM014398.D
Acq: 28 Feb 2018 11:36

Instrument :
BNA_M
ClientSampleId :
BE5X3DL

Tgt Ion:228 Resp: 252797

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	22.4	15.5	23.3

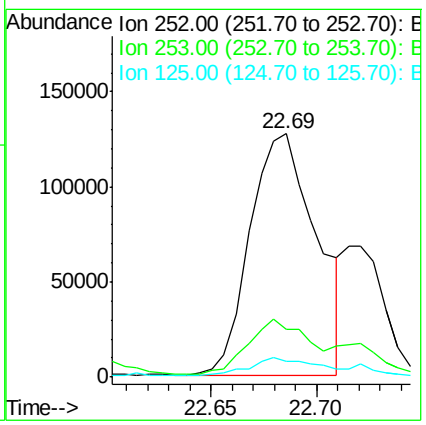


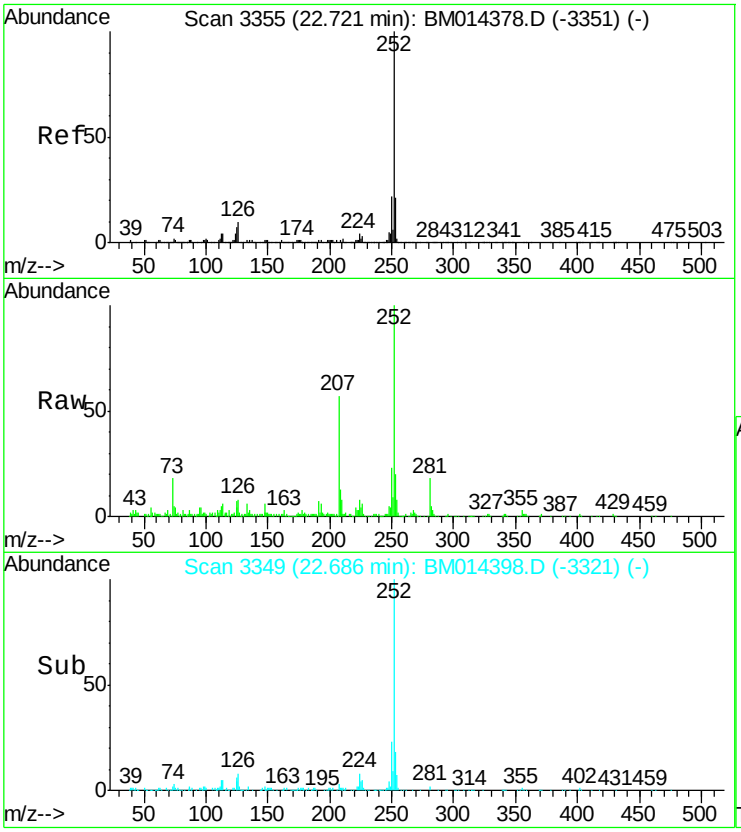


#85
Benzo(b)fluoranthene
Concen: 8.737 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. 0.01 min
Lab File: BM014398.D
Acq: 28 Feb 2018 11:36

Tgt Ion:252 Resp: 277278

Ion	Ratio	Lower	Upper
252	100		
253	19.6	17.9	26.9
125	6.6	3.6	5.4#



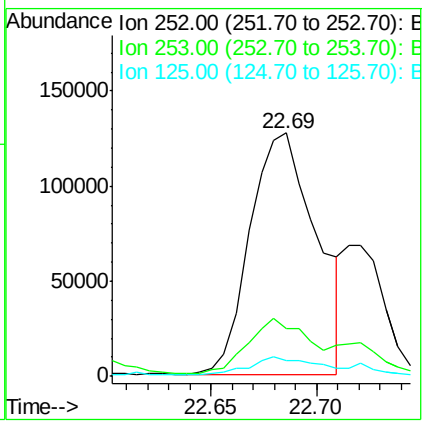


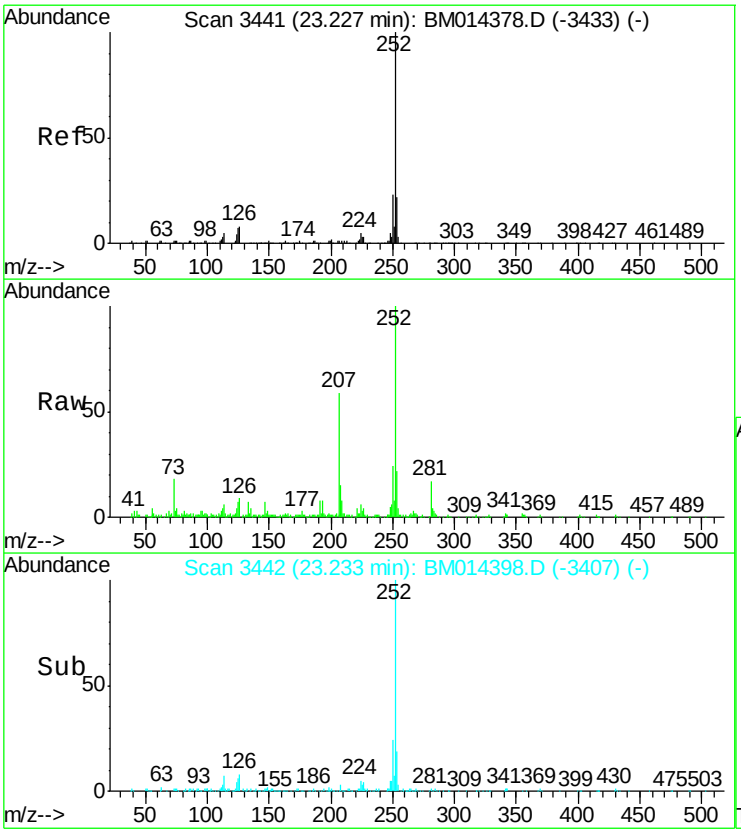
#86
Benzo(k)fluoranthene
Concen: 9.189 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BM014398.D
Acq: 28 Feb 2018 11:36

Instrument :
BNA_M
ClientSampleId :
BE5X3DL

Tgt Ion:252 Resp: 277278

Ion	Ratio	Lower	Upper
252	100		
253	19.6	17.1	25.7
125	6.6	3.4	5.2#

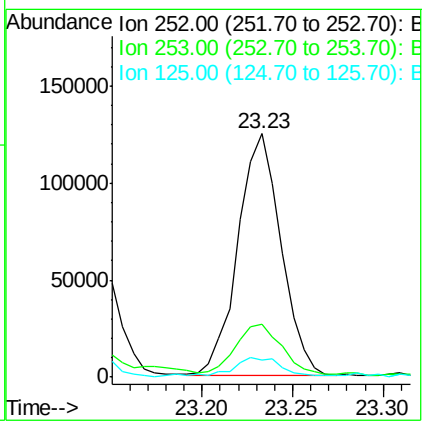


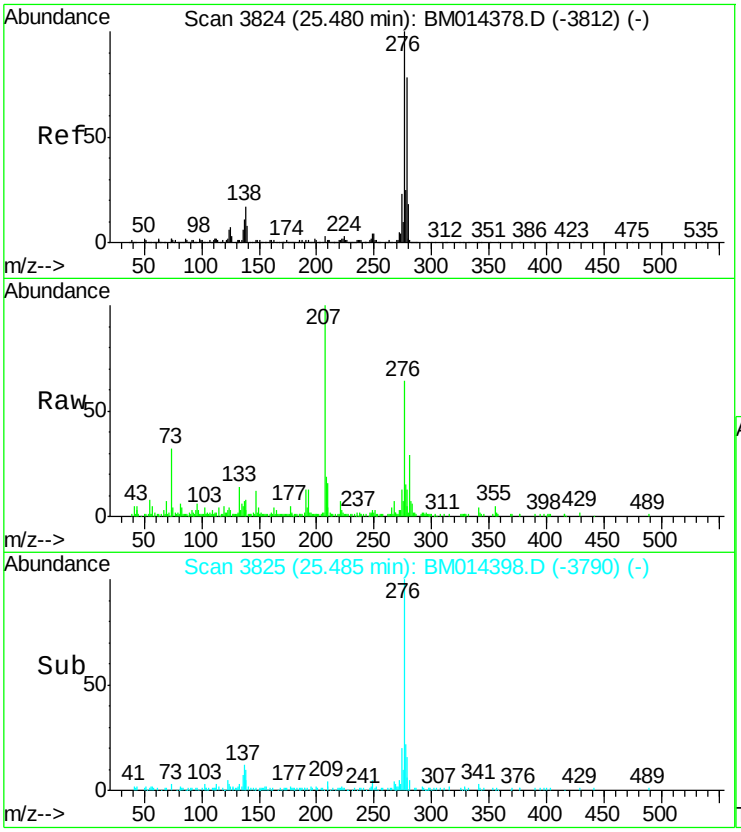


#88
Benzo(a)pyrene
Concen: 7.242 ng/ul
RT: 23.23 min Scan# 3442
Delta R.T. 0.01 min
Lab File: BM014398.D
Acq: 28 Feb 2018 11:36

Tgt Ion:252 Resp: 205382

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	7.1	4.0	6.0#



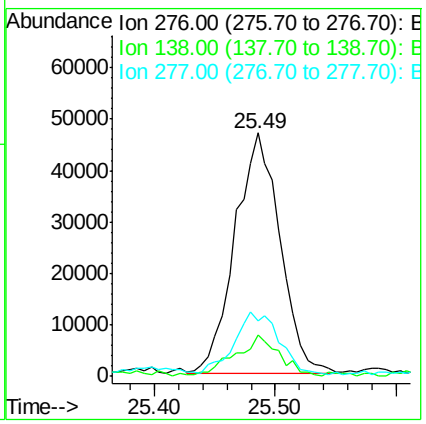


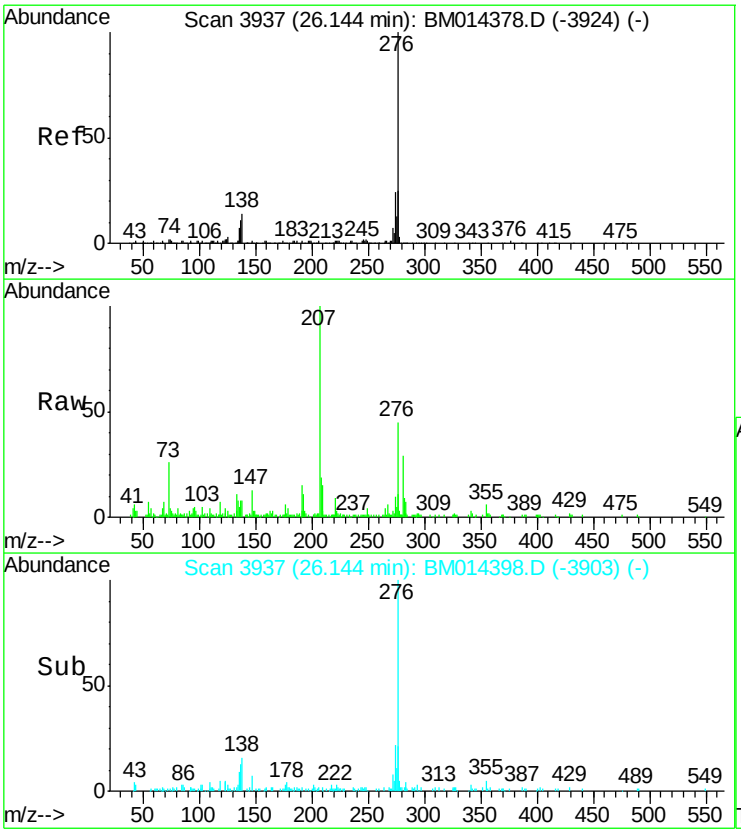
#89
Indeno(1,2,3-cd)pyrene
Concen: 4.438 ng/ul
RT: 25.49 min Scan# 3825
Delta R.T. 0.01 min
Lab File: BM014398.D
Acq: 28 Feb 2018 11:36

Instrument :
BNA_M
ClientSampleId :
BE5X3DL

Tgt Ion:276 Resp: 122139

Ion	Ratio	Lower	Upper
276	100		
138	17.1	9.3	13.9#
277	22.9	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 4.357 ng/ul
RT: 26.14 min Scan# 3937
Delta R.T. -0.00 min
Lab File: BM014398.D
Acq: 28 Feb 2018 11:36

Tgt Ion:276 Resp: 97137

Ion	Ratio	Lower	Upper
276	100		
138	17.4	8.5	12.7#
277	23.6	18.6	28.0