Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014354.D
Acq On : 26 Feb 2018 13:47
Operator : SJ/JU
Sample : J1646-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 27 01:36:20 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 01:33:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	61751	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	271385	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	177660	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	482166	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	687469	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	648477	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	10466	7.25	ng/uL	0.00
5) Phenol-d5	6.72	99	194586	37.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	125829	39.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	154446	38.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	168839	36.97	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	81825	40.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	88494	42.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	158482	36.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	200166	47.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	651957	44.44	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	805316	44.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	48180	23.78	ng/ul	0.00
57) Fluorene-d10	15.18	176	602424	45.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	92660	32.04	ng/ul	0.00
70) Anthracene-d10	17.04	188	1088694	46.80	ng/ul	0.00
76) Pyrene-d10	19.34	212	1474190	41.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	1452308	46.02	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.75	94	16073	2.935	ng/ul	97
21) Isophorone	9.40	82	13791	1.359	ng/ul#	77
28) Naphthalene	10.35	128	18451	1.324	ng/ul#	83
44) Dimethylphthalate	13.65	163	142608	9.857	ng/ul	99
49) Acenaphthene	14.24	153	31456	2.612	ng/ul#	81
53) Dibenzofuran	14.59	168	24788	1.373	ng/ul#	87
58) Fluorene	15.24	166	45766	2.936	ng/ul	89
64) N-Nitrosodiphenylamine	15.46	169	46141	3.330	ng/ul	97
69) Phenanthrene	16.98	178	826103	29.737	ng/ul	97
71) Anthracene	17.07	178	177943	6.369	ng/ul	97
72) Carbazole	17.36	167	71504	3.044	ng/ul	98
74) Fluoranthene	19.01	202	1375130	41.432	ng/ul#	94
77) Pyrene	19.37	202	1224439	26.800	ng/ul#	91
80) Benzo(a)anthracene	21.13	228	646174	15.061	ng/ul	97
82) Chrysene	21.19	228	560752	14.010	ng/ul	97
85) Benzo(b)fluoranthene	22.67	252	679119	15.640	ng/ul#	98
86) Benzo(k)fluoranthene	22.67	252	679119	16.450	ng/ul#	98
88) Benzo(a)pyrene	23.23	252	476657	12.285	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.47	276	267624	7.108	ng/ul	99
90) Dibenzo(a,h)anthracene	25.47	278	39618	1.266	ng/ul#	88
91) Benzo(g,h,i)perylene	26.13	276	200553	6.575	ng/ul	95

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014354.D
Acq On : 26 Feb 2018 13:47
Operator : SJ/JU
Sample : J1646-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Feb 27 01:36:20 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 01:33:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

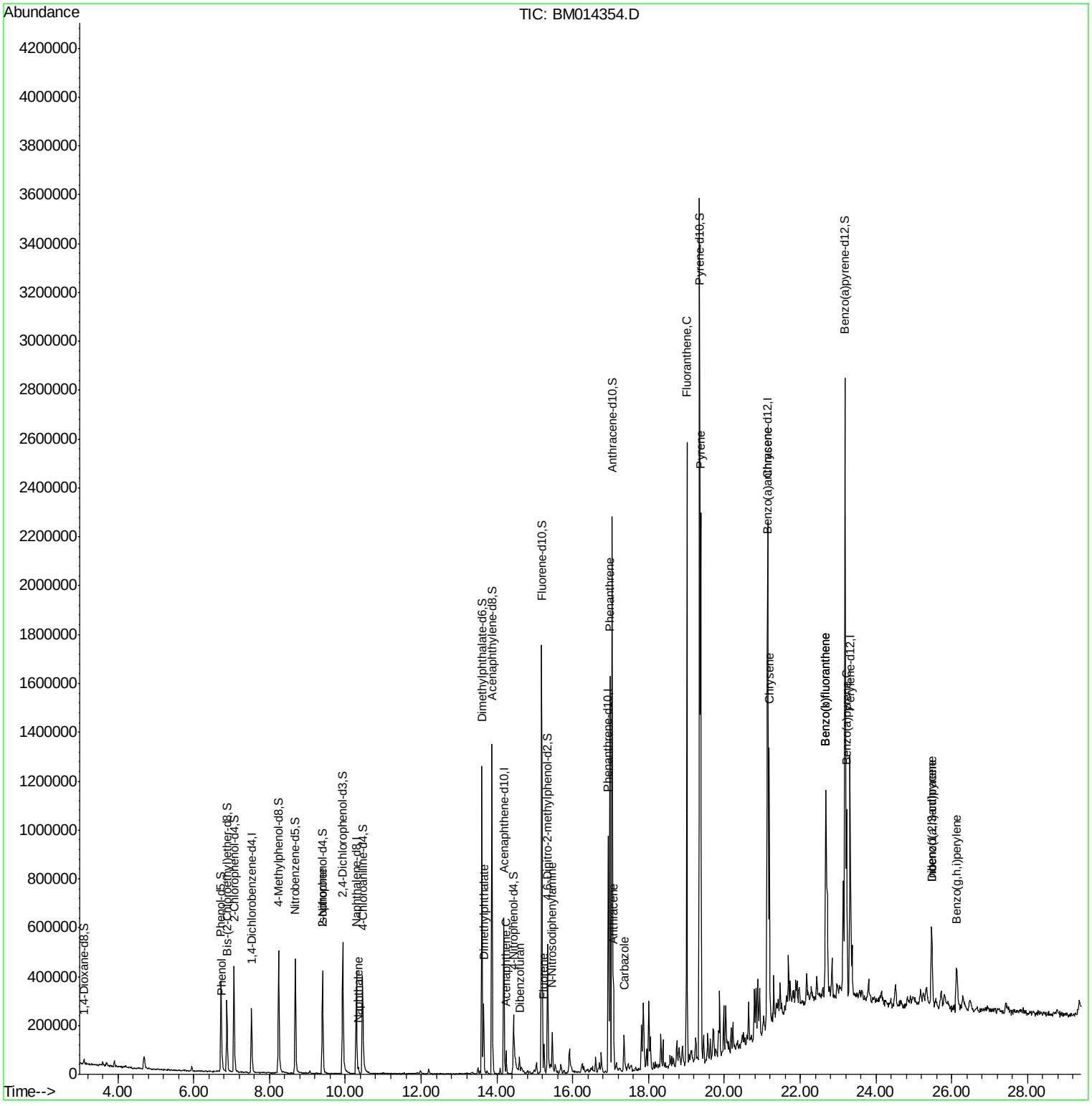
(#) = qualifier out of range (m) = manual integration (+) = signals summed

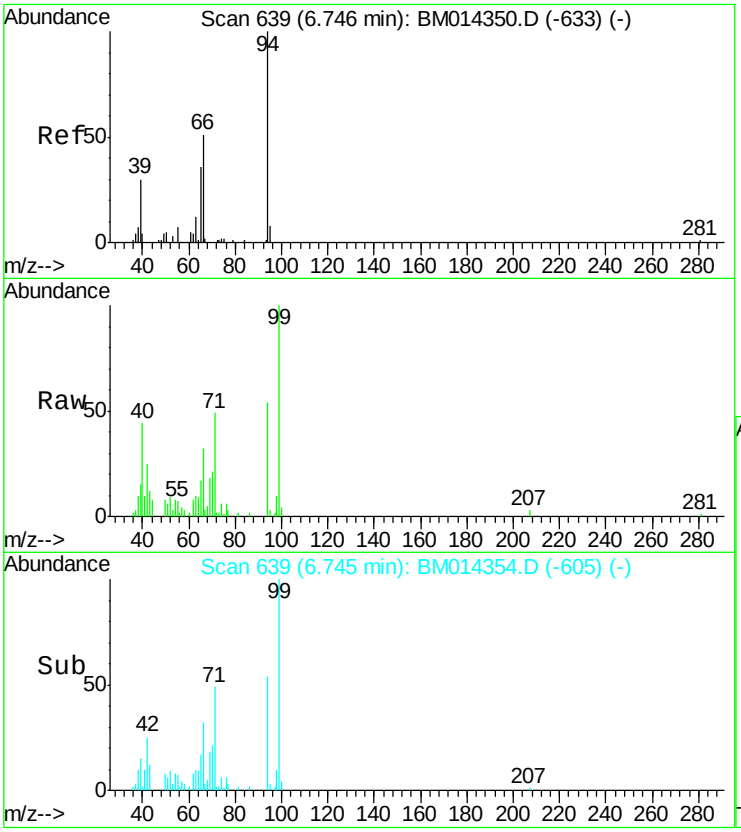
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014354.D
Acq On : 26 Feb 2018 13:47
Operator : SJ/JU
Sample : J1646-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Feb 27 01:36:20 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 01:33:52 2018
Response via : Initial Calibration



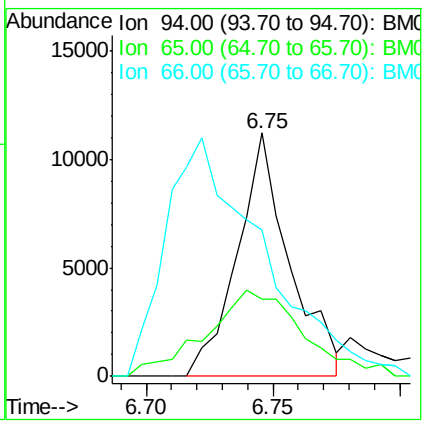


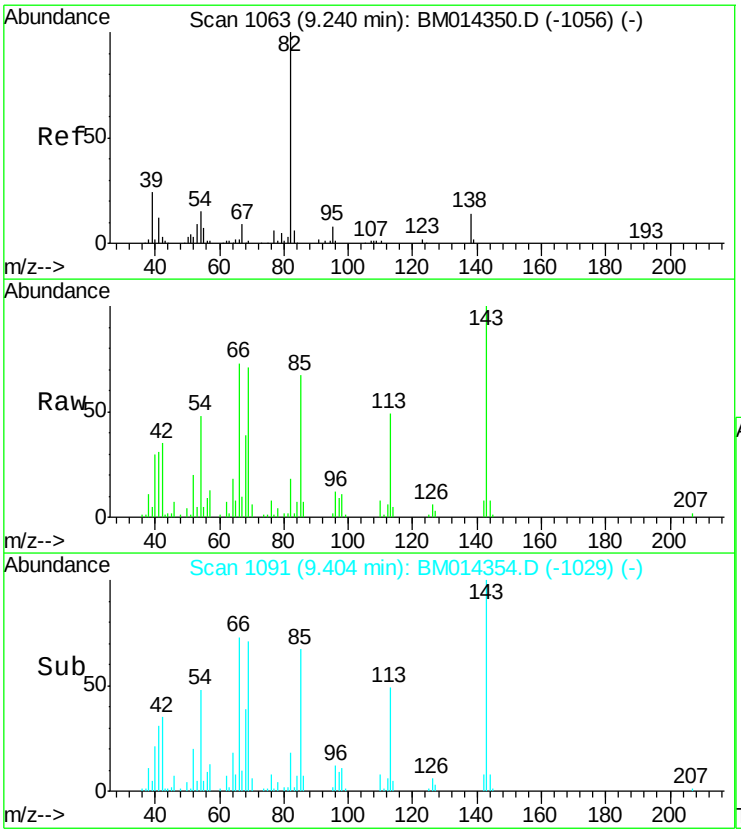
#6
Phenol
Concen: 2.935 ng/ul
RT: 6.75 min Scan# 639
Delta R.T. -0.00 min
Lab File: BM014354.D
Acq: 26 Feb 2018 13:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 16073

Ion	Ratio	Lower	Upper
94	100		
65	31.9	28.2	42.4
66	60.1	47.2	70.8

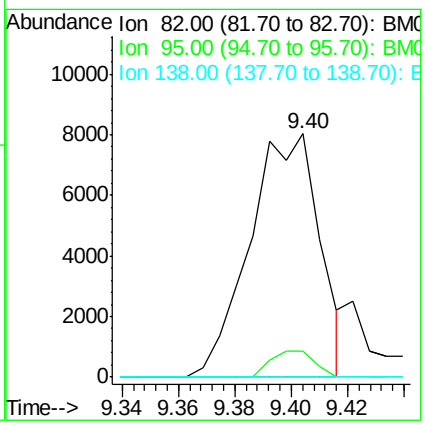


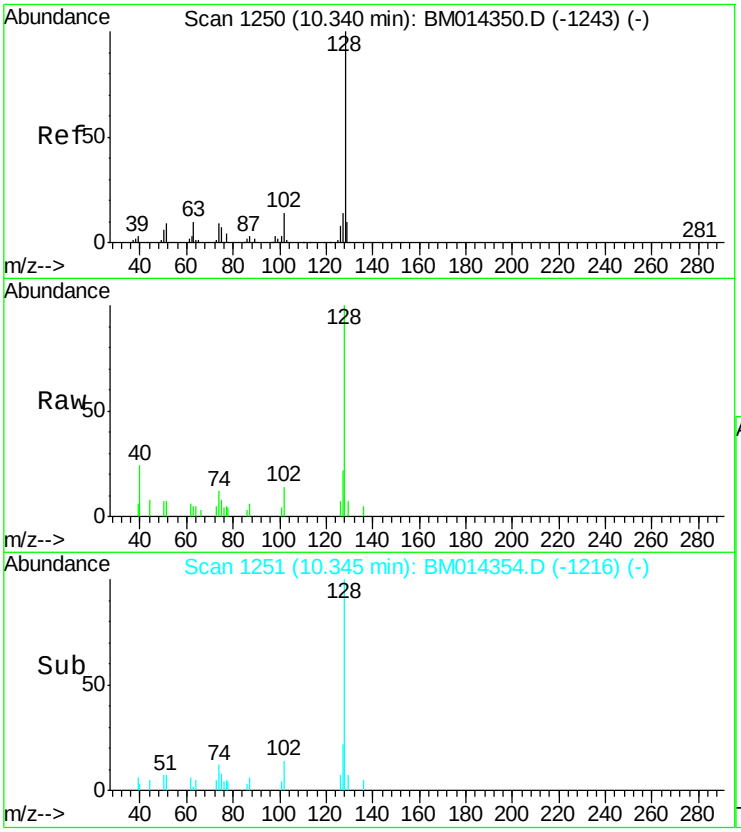


#21
Isophorone
Concen: 1.359 ng/ul
RT: 9.40 min Scan# 1091
Delta R.T. 0.16 min
Lab File: BM014354.D
Acq: 26 Feb 2018 13:47

Tgt Ion: 82 Resp: 13791

Ion	Ratio	Lower	Upper
82	100		
95	10.8	7.8	11.8
138	0.0	11.9	17.9#



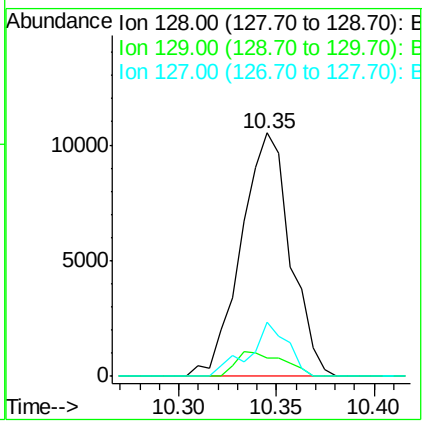


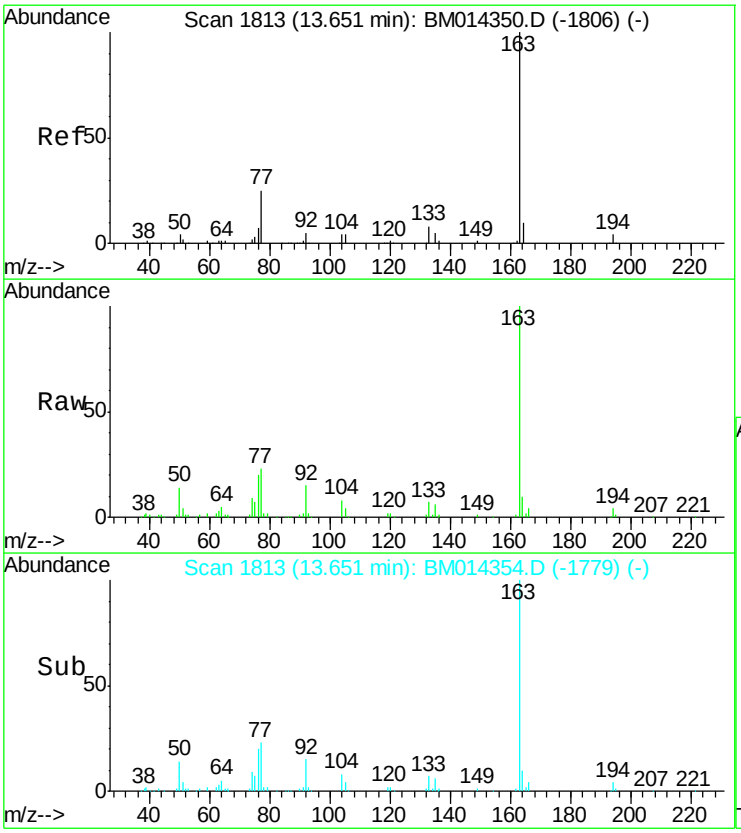
#28
Naphthalene
Concen: 1.324 ng/ul
RT: 10.35 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BM014354.D
Acq: 26 Feb 2018 13:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 18451

Ion	Ratio	Lower	Upper
128	100		
129	7.5	8.8	13.2#
127	22.4	10.6	16.0#

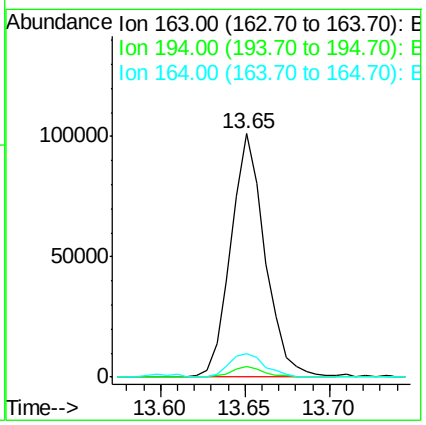


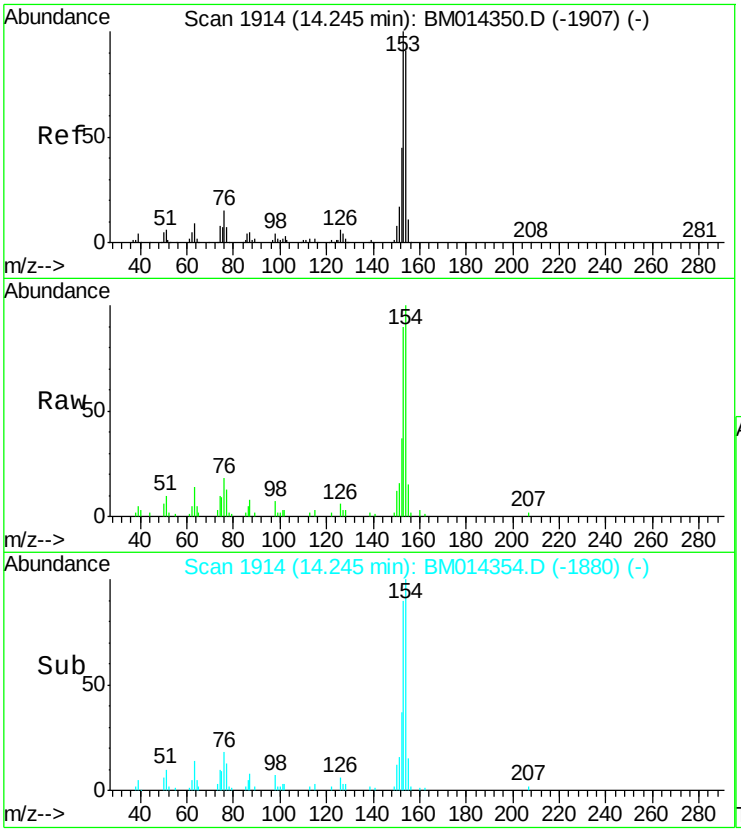


#44
Dimethylphthalate
Concen: 9.857 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BM014354.D
Acq: 26 Feb 2018 13:47

Tgt Ion:163 Resp: 142608

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.8	8.2	12.4



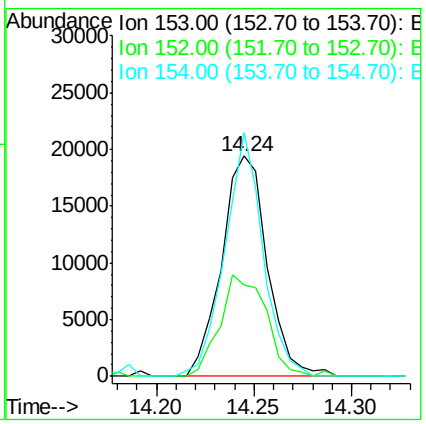


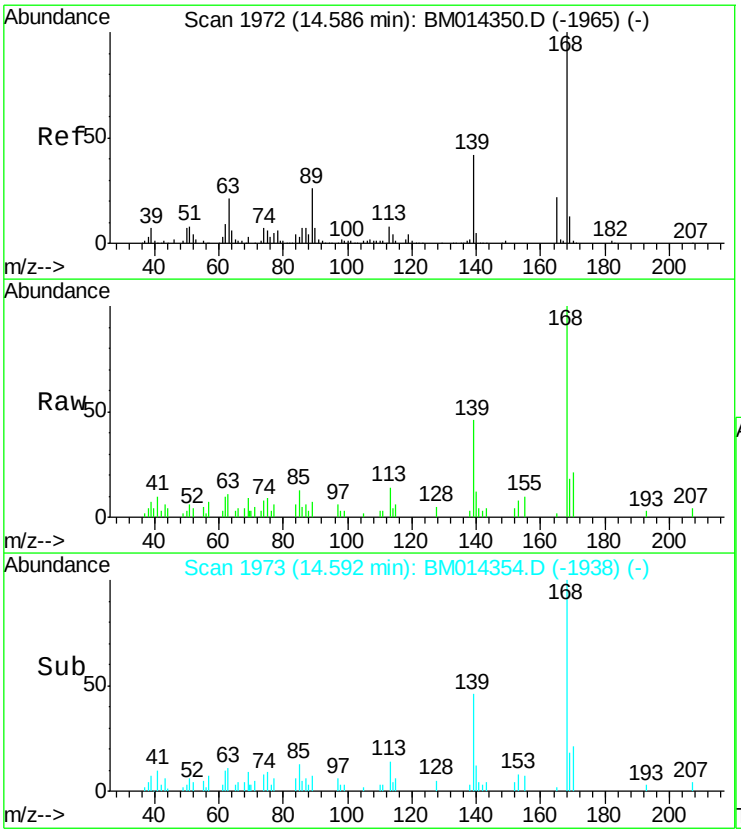
#49
Acenaphthene
Concen: 2.612 ng/ul
RT: 14.24 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BM014354.D
Acq: 26 Feb 2018 13:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 31456

Ion	Ratio	Lower	Upper
153	100		
152	41.3	37.6	56.4
154	110.7	70.4	105.6#

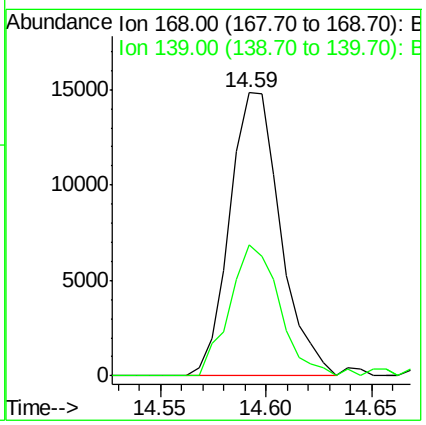


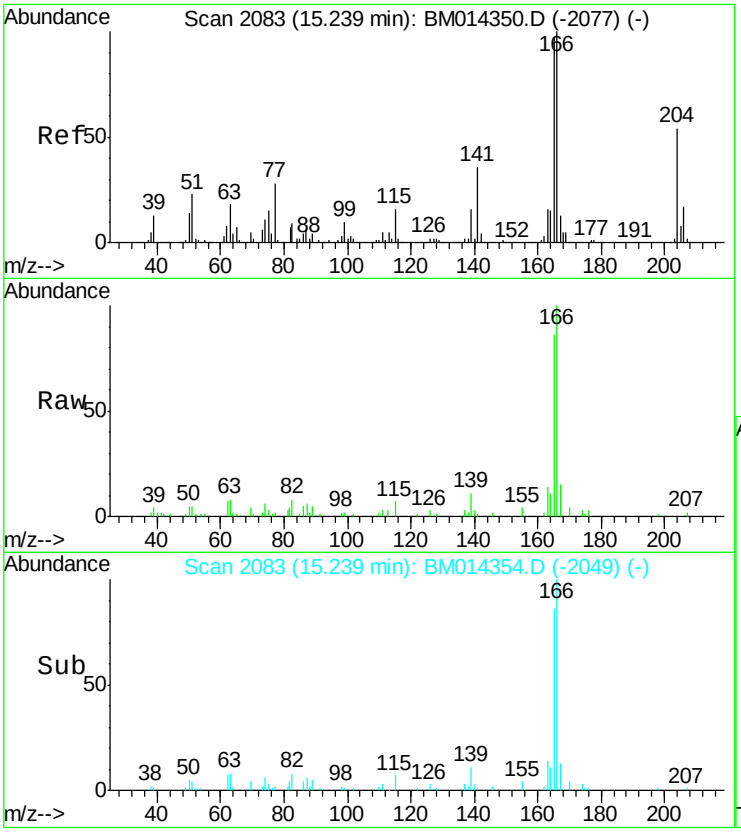


#53
Dibenzofuran
Concen: 1.373 ng/ul
RT: 14.59 min Scan# 1973
Delta R.T. 0.01 min
Lab File: BM014354.D
Acq: 26 Feb 2018 13:47

Tgt Ion:168 Resp: 24788

Ion	Ratio	Lower	Upper
168	100		
139	46.5	30.8	46.2#



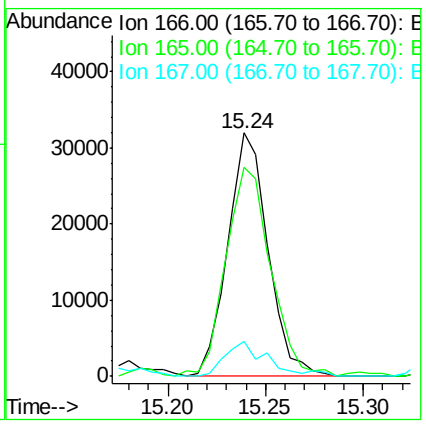


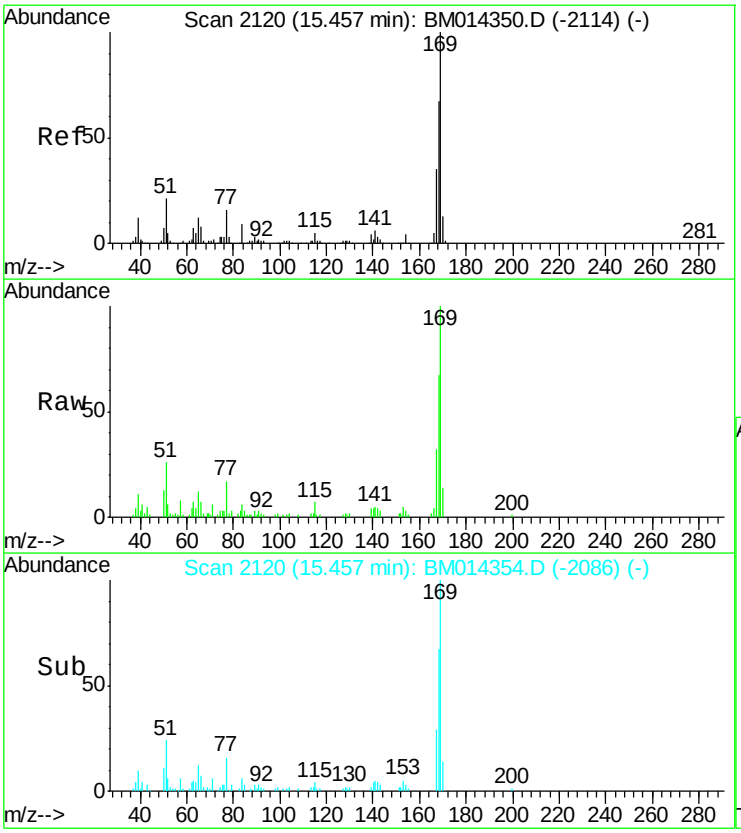
#58
Fluorene
Concen: 2.936 ng/ul
RT: 15.24 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BM014354.D
Acq: 26 Feb 2018 13:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 45766

Ion	Ratio	Lower	Upper
166	100		
165	86.0	77.9	116.9
167	14.5	10.6	16.0

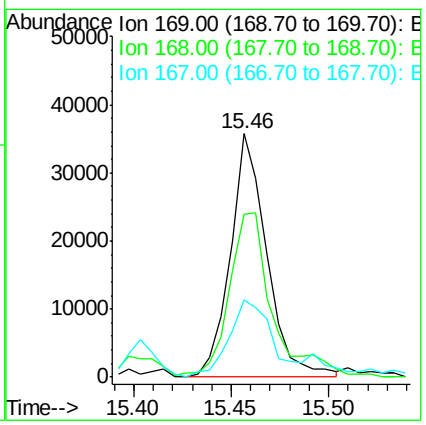


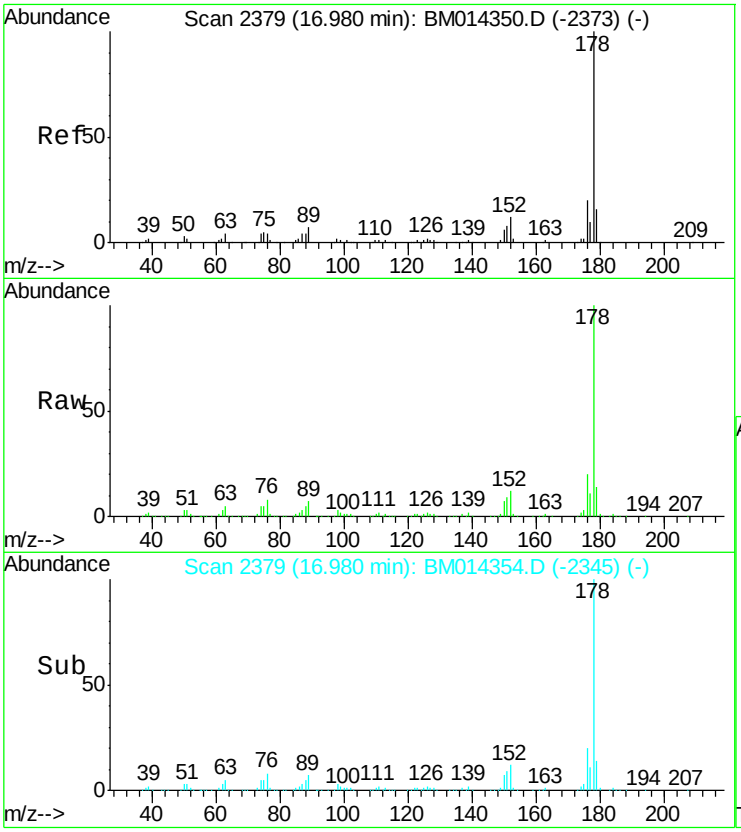


#64
N-Nitrosodiphenylamine
Concen: 3.330 ng/ul
RT: 15.46 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BM014354.D
Acq: 26 Feb 2018 13:47

Tgt Ion:169 Resp: 46141

Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.0	81.0
167	31.7	29.1	43.7



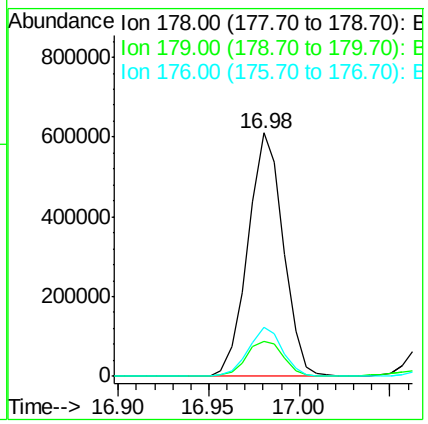


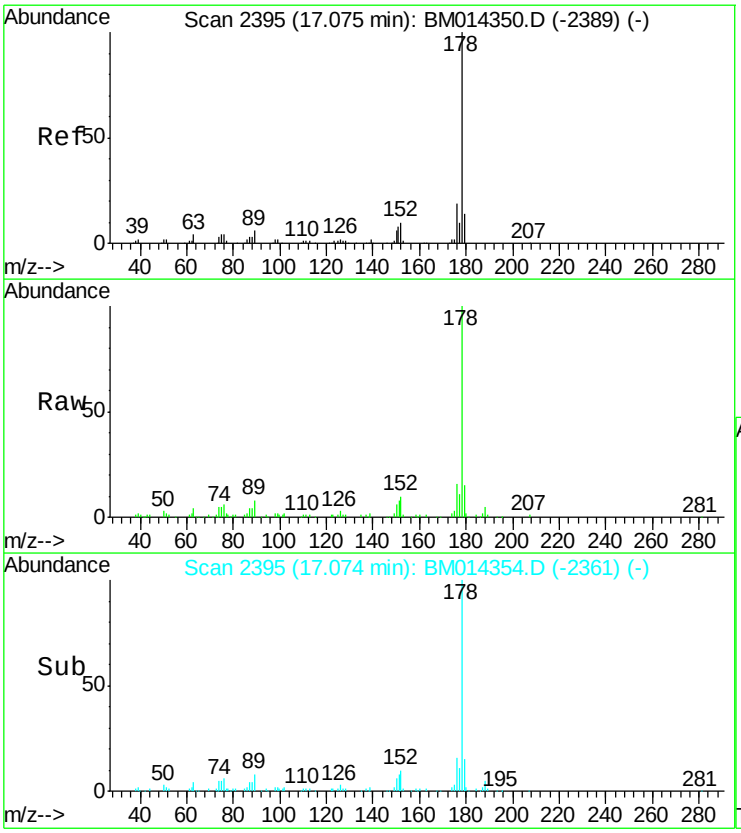
#69
Phenanthrene
Concen: 29.737 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BM014354.D
Acq: 26 Feb 2018 13:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 826103

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.6	19.0
176	19.9	14.9	22.3

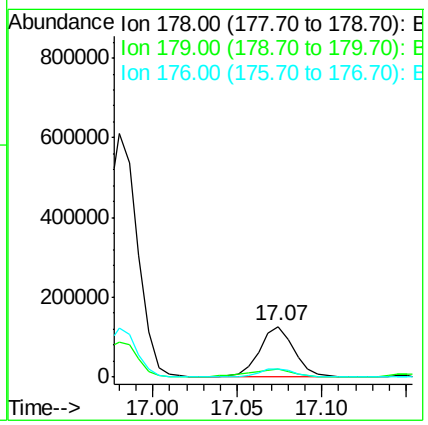


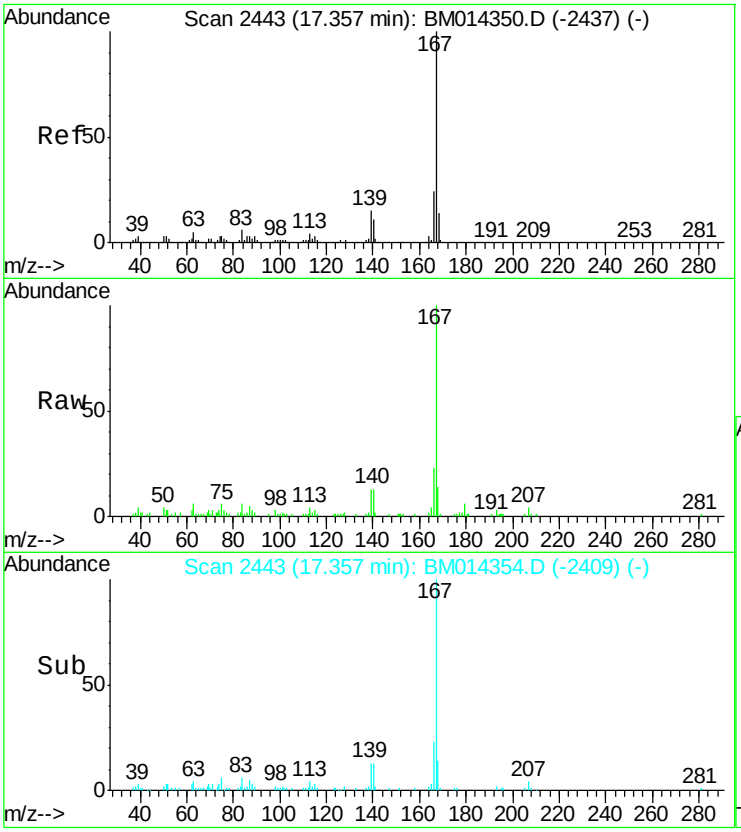


#71
Anthracene
Concen: 6.369 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM014354.D
Acq: 26 Feb 2018 13:47

Tgt Ion:178 Resp: 177943

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.7	17.5
176	16.3	14.6	21.8



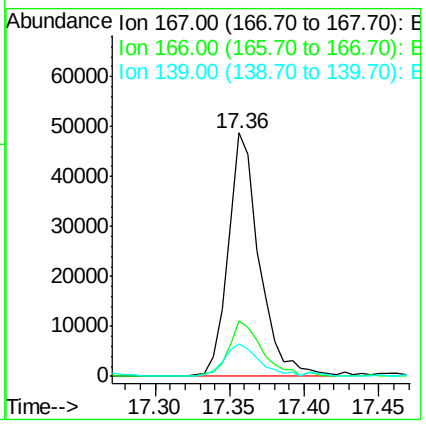


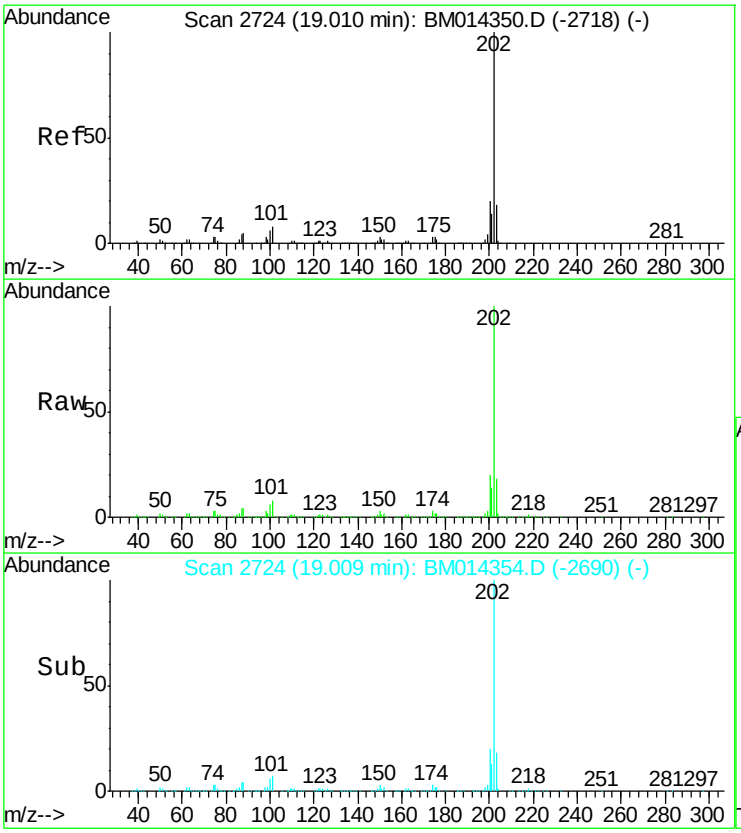
#72
Carbazole
Concen: 3.044 ng/ul
RT: 17.36 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BM014354.D
Acq: 26 Feb 2018 13:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 71504

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.1	25.7
139	13.2	10.0	15.0

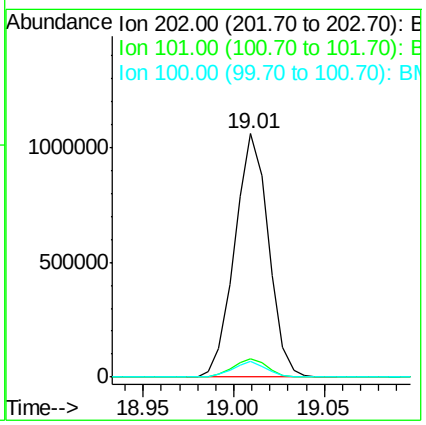


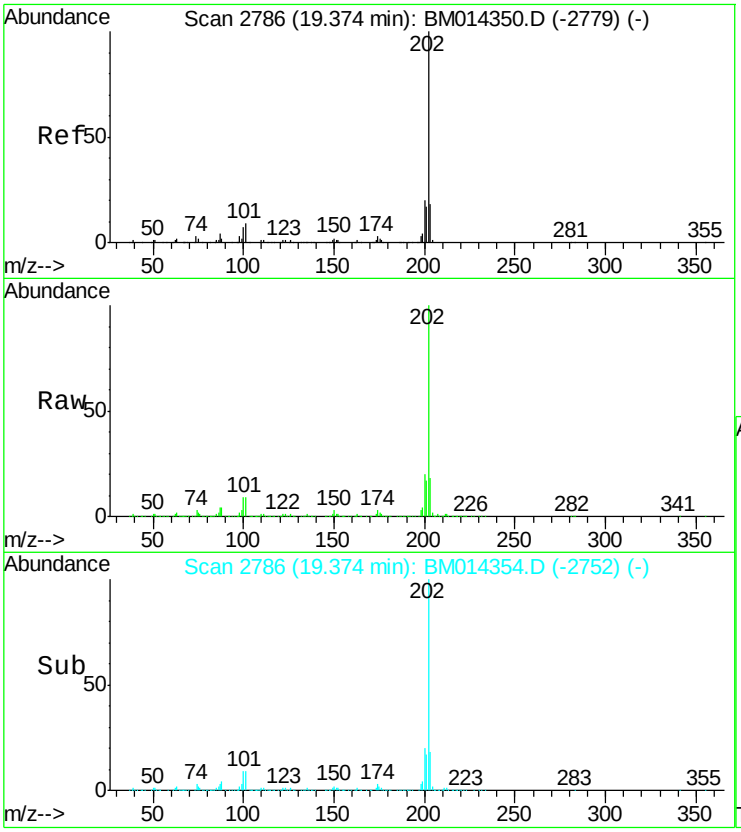


#74
Fluoranthene
Concen: 41.432 ng/ul
RT: 19.01 min Scan# 2724
Delta R.T. -0.00 min
Lab File: BM014354.D
Acq: 26 Feb 2018 13:47

Tgt Ion:202 Resp: 1375130

Ion	Ratio	Lower	Upper
202	100		
101	7.7	4.6	7.0#
100	6.4	3.4	5.2#



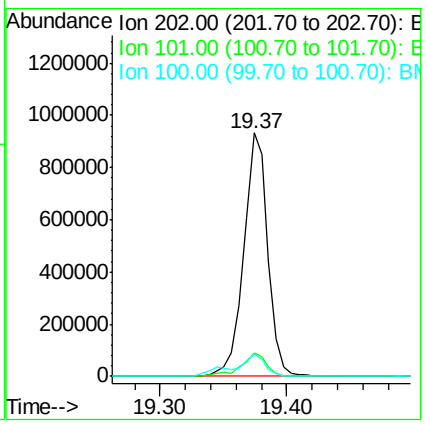


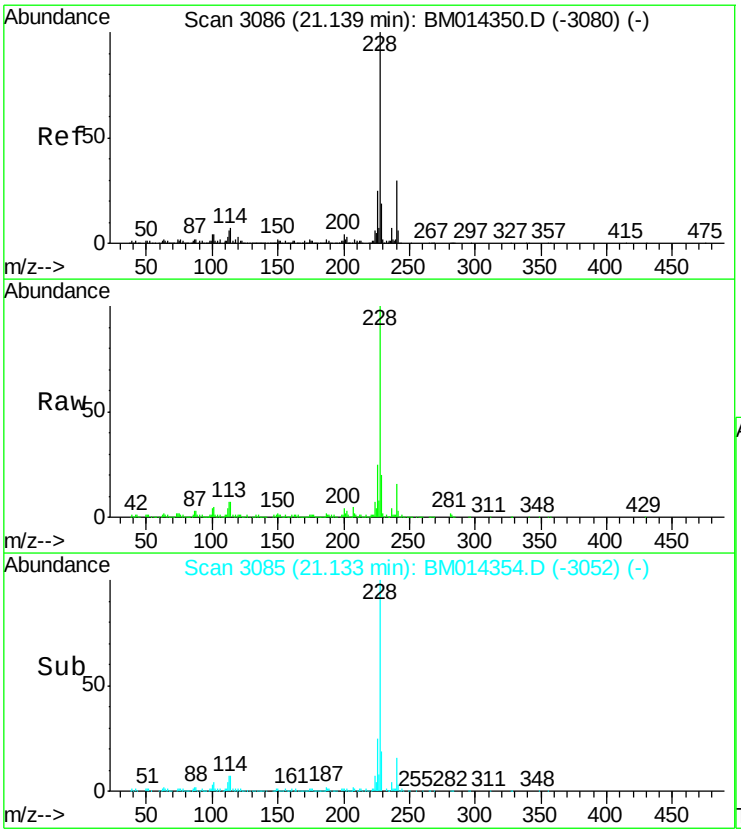
#77
Pyrene
Concen: 26.800 ng/ul
RT: 19.37 min Scan# 2786
Delta R.T. -0.00 min
Lab File: BM014354.D
Acq: 26 Feb 2018 13:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1224439

Ion	Ratio	Lower	Upper
202	100		
101	9.5	5.1	7.7#
100	9.0	4.9	7.3#

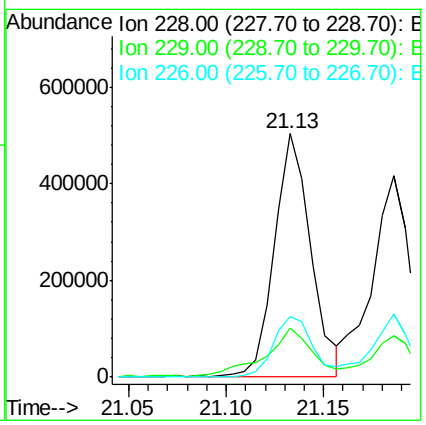


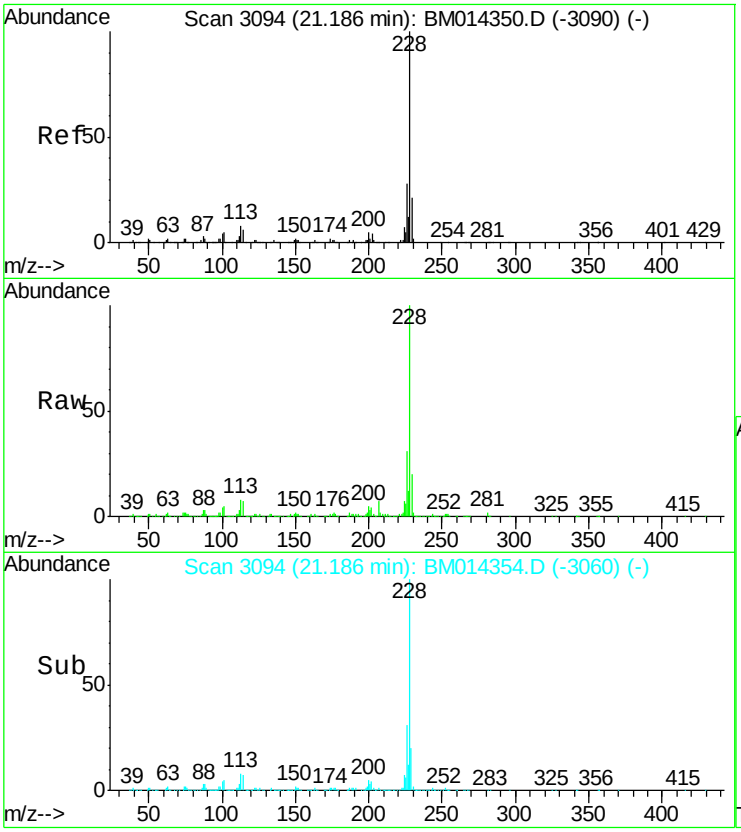


#80
Benzo(a)anthracene
Concen: 15.061 ng/ul
RT: 21.13 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BM014354.D
Acq: 26 Feb 2018 13:47

Tgt Ion:228 Resp: 646174

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.4	23.0
226	25.0	21.4	32.0



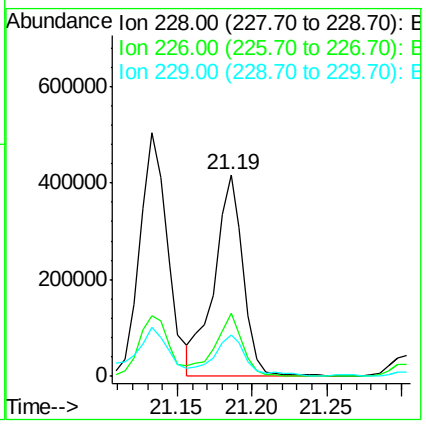


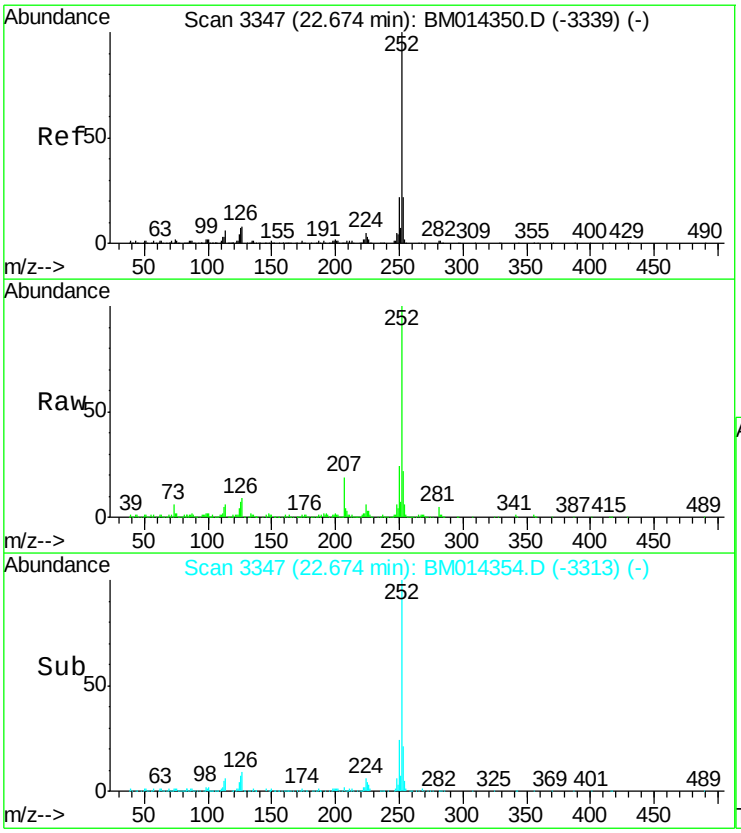
#82
Chrysene
Concen: 14.010 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BM014354.D
Acq: 26 Feb 2018 13:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 560752

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.2
229	20.4	15.5	23.3

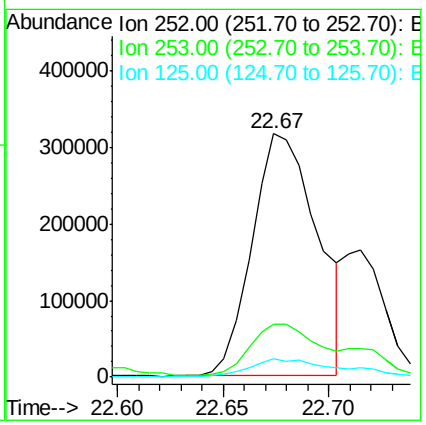


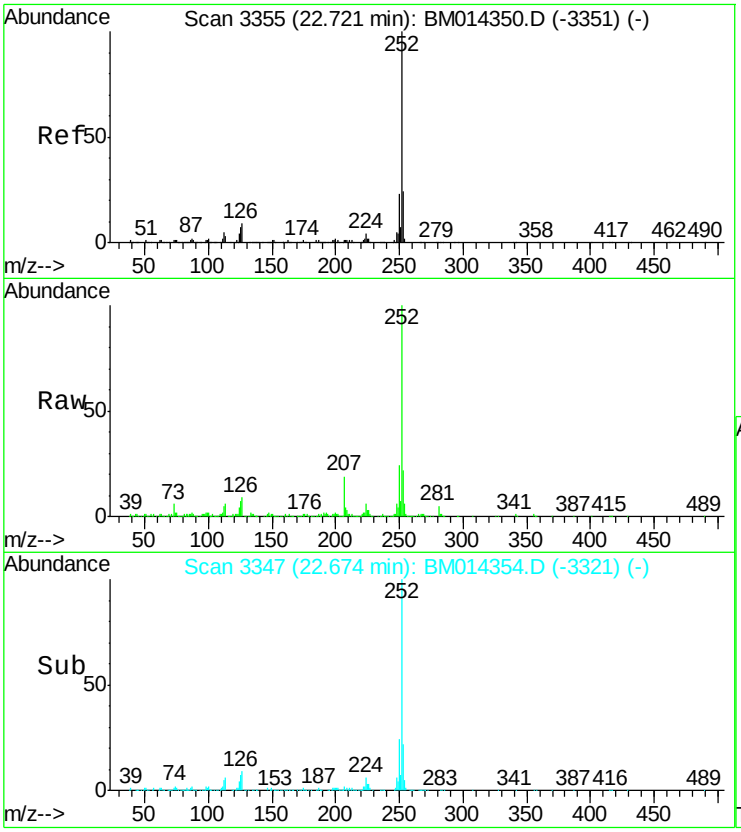


#85
Benzo(b)fluoranthene
Concen: 15.640 ng/ul
RT: 22.67 min Scan# 3347
Delta R.T. -0.00 min
Lab File: BM014354.D
Acq: 26 Feb 2018 13:47

Tgt Ion:252 Resp: 679119

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	7.4	3.6	5.4#



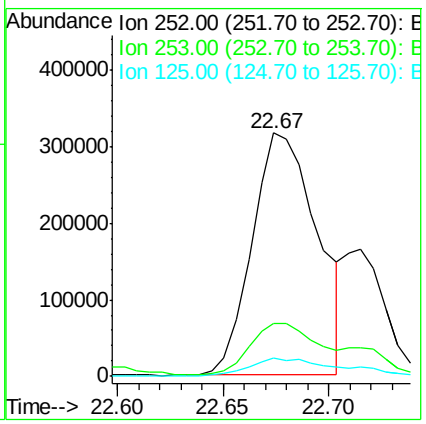


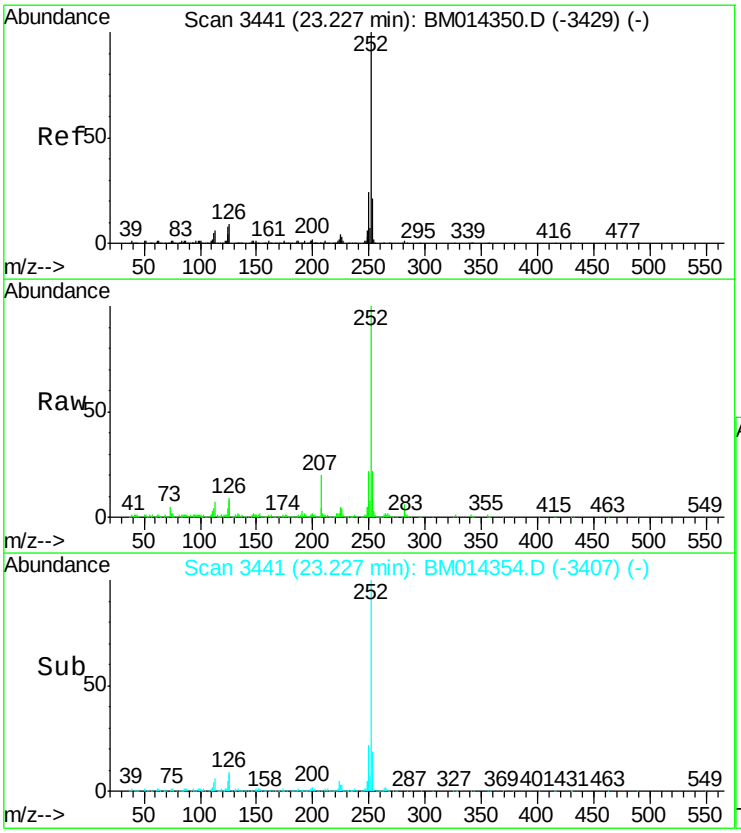
#86
Benzo(k)fluoranthene
Concen: 16.450 ng/ul
RT: 22.67 min Scan# 3347
Delta R.T. -0.05 min
Lab File: BM014354.D
Acq: 26 Feb 2018 13:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 679119

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	7.4	3.4	5.2#

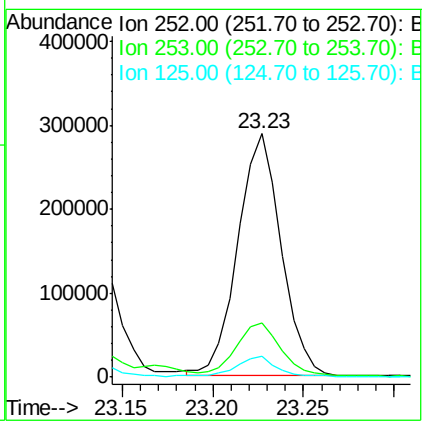


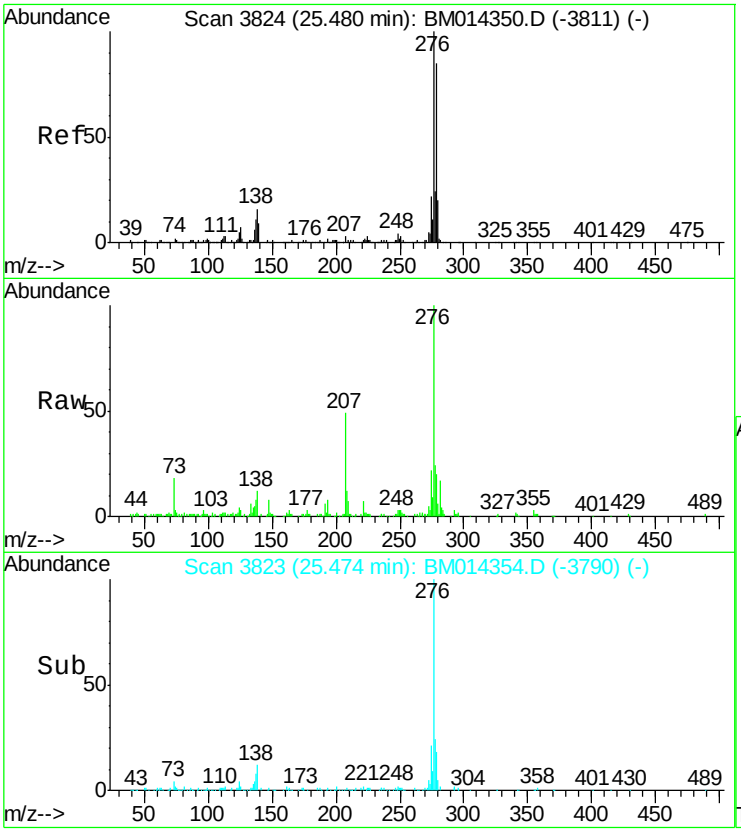


#88
Benzo(a)pyrene
Concen: 12.285 ng/ul
RT: 23.23 min Scan# 3441
Delta R.T. -0.00 min
Lab File: BM014354.D
Acq: 26 Feb 2018 13:47

Tgt Ion:252 Resp: 476657

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	8.5	4.0	6.0#



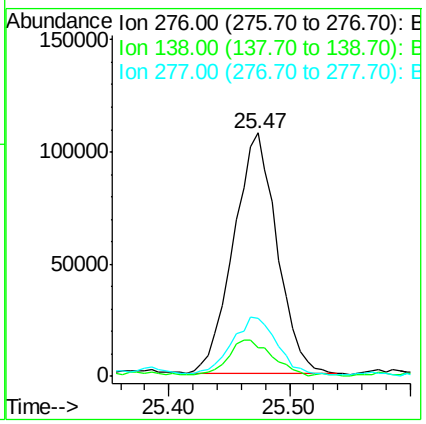


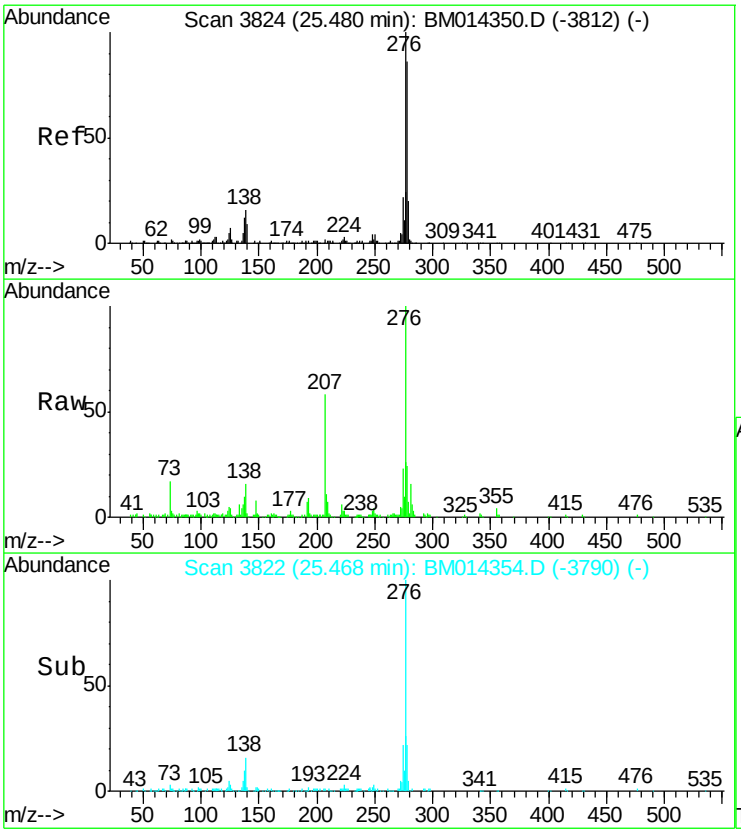
#89
Indeno(1,2,3-cd)pyrene
Concen: 7.108 ng/ul
RT: 25.47 min Scan# 3823
Delta R.T. -0.01 min
Lab File: BM014354.D
Acq: 26 Feb 2018 13:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 267624

Ion	Ratio	Lower	Upper
276	100		
138	11.8	9.3	13.9
277	24.0	19.9	29.9

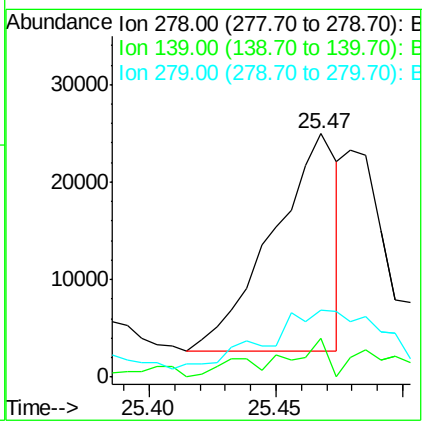


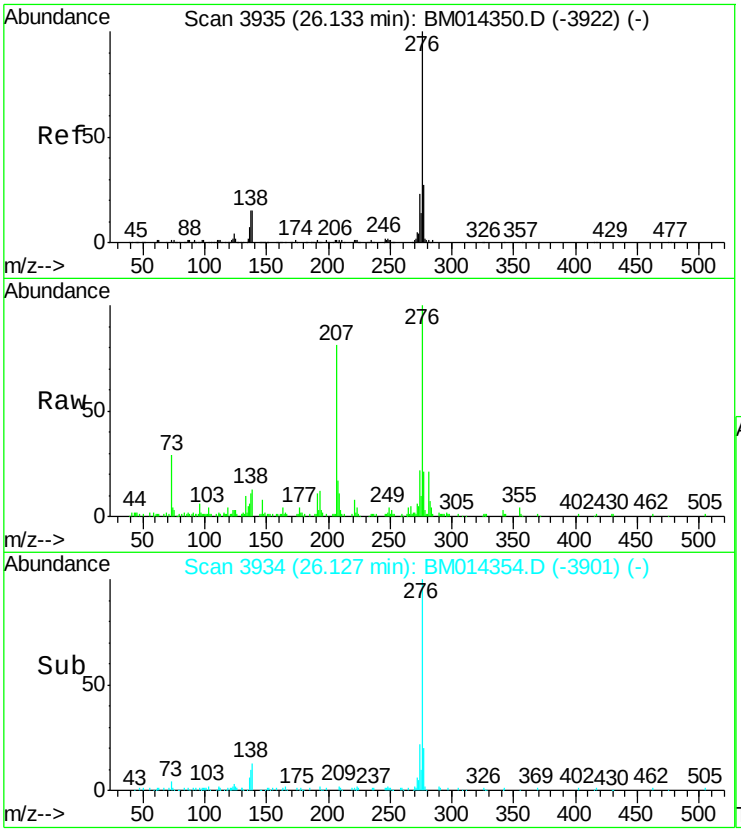


#90
Dibenzo(a,h)anthracene
Concen: 1.266 ng/ul
RT: 25.47 min Scan# 3822
Delta R.T. -0.01 min
Lab File: BM014354.D
Acq: 26 Feb 2018 13:47

Tgt Ion:278 Resp: 39618

Ion	Ratio	Lower	Upper
278	100		
139	16.1	5.8	8.8#
279	27.3	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 6.575 ng/ul
RT: 26.13 min Scan# 3934
Delta R.T. -0.01 min
Lab File: BM014354.D
Acq: 26 Feb 2018 13:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 200553

Ion	Ratio	Lower	Upper
276	100		
138	12.7	8.5	12.7
277	20.8	18.6	28.0