Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014401.D
Acq On : 28 Feb 2018 13:24
Operator : SJ/JU
Sample : J1646-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X5

Quant Time: Feb 28 15:55:22 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	106376	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	442232	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	244259	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	508683	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	478250	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	480296	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	13027	5.24	ng/uL	0.00
5) Phenol-d5	6.72	99	230642	25.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	145555	26.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	196687	28.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	182522	23.20	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	96452	29.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	108668	32.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	196404	28.03	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	143023	20.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	609908	30.24	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	774008	31.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	52379	18.81	ng/ul	0.03
57) Fluorene-d10	15.18	176	510199	28.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	32490	10.65	ng/ul	0.00
70) Anthracene-d10	17.04	188	751596	30.62	ng/ul	0.00
76) Pyrene-d10	19.35	212	778454	31.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	694936	29.73	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.75	94	26900	2.851	ng/ul	95
28) Naphthalene	10.35	128	30016	1.322	ng/ul	97
44) Dimethylphthalate	13.65	163	146442	7.362	ng/ul	98
47) Acenaphthylene	13.90	152	40442	1.720	ng/ul	99
49) Acenaphthene	14.24	153	18975	1.146	ng/ul	90
58) Fluorene	15.24	166	25563	1.193	ng/ul	86
69) Phenanthrene	16.98	178	571848	19.512	ng/ul	98
71) Anthracene	17.07	178	124938	4.239	ng/ul	98
72) Carbazole	17.36	167	56255	2.270	ng/ul#	95
74) Fluoranthene	19.02	202	1121878	32.039	ng/ul#	93
77) Pyrene	19.38	202	1014840	31.930	ng/ul#	94
78) Butylbenzylphthalate	20.29	149	39242	2.986	ng/ul	88
80) Benzo(a)anthracene	21.14	228	523996	17.556	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.07	149	99611	5.293	ng/ul#	91
82) Chrysene	21.19	228	516052	18.534	ng/ul	98
85) Benzo(b)fluoranthene	22.69	252	704078	21.893	ng/ul#	98
86) Benzo(k)fluoranthene	22.69	252	704078	23.027	ng/ul#	97
88) Benzo(a)pyrene	23.24	252	464928	16.178	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.49	276	311767	11.180	ng/ul#	92
90) Dibenzo(a,h)anthracene	25.49	278	87573	3.779	ng/ul#	82
91) Benzo(g,h,i)perylene	26.16	276	273712	12.116	ng/ul#	91

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014401.D
Acq On : 28 Feb 2018 13:24
Operator : SJ/JU
Sample : J1646-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5X5

Quant Time: Feb 28 15:55:22 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)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014401.D
Acq On : 28 Feb 2018 13:24
Operator : SJ/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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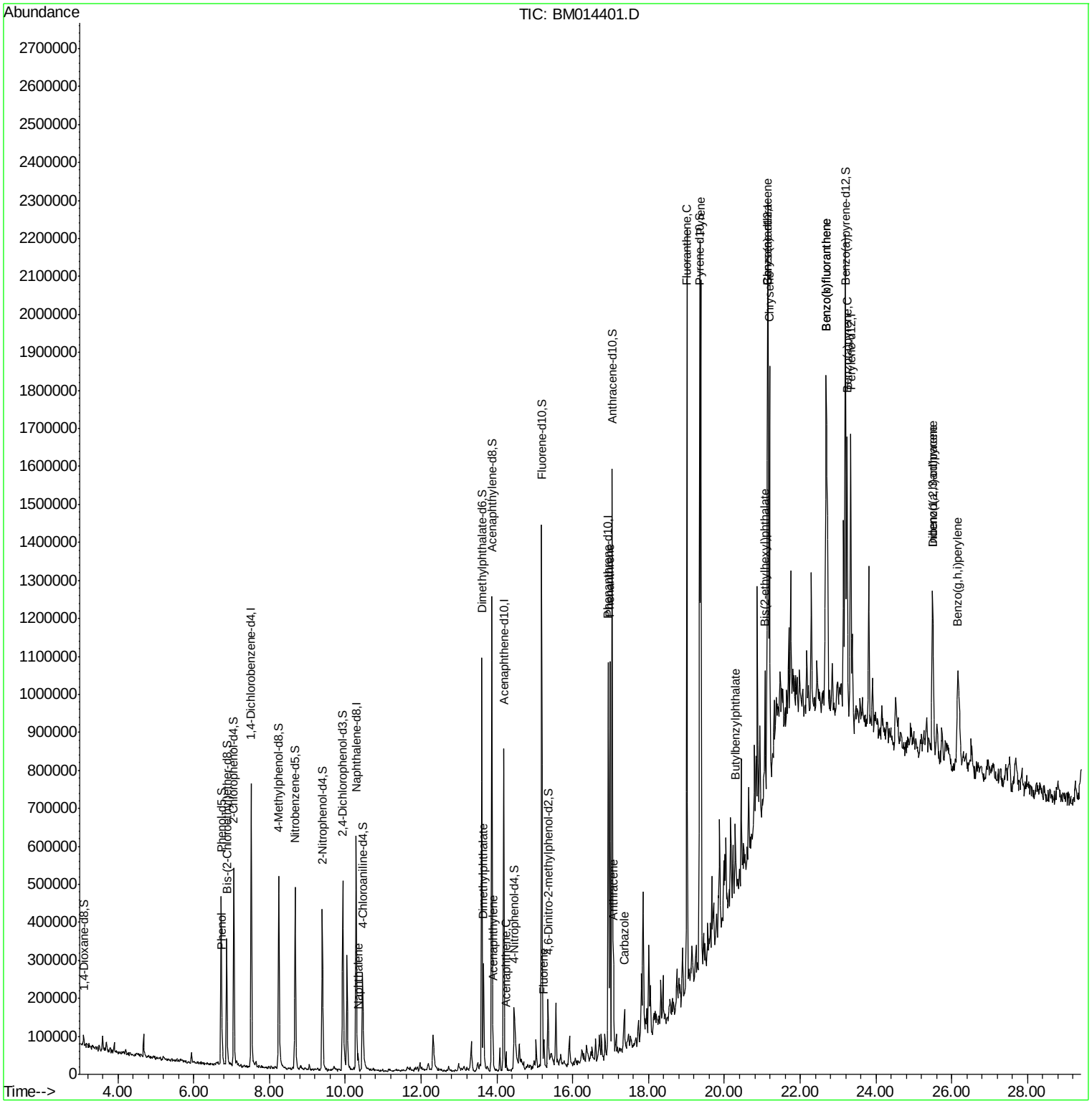
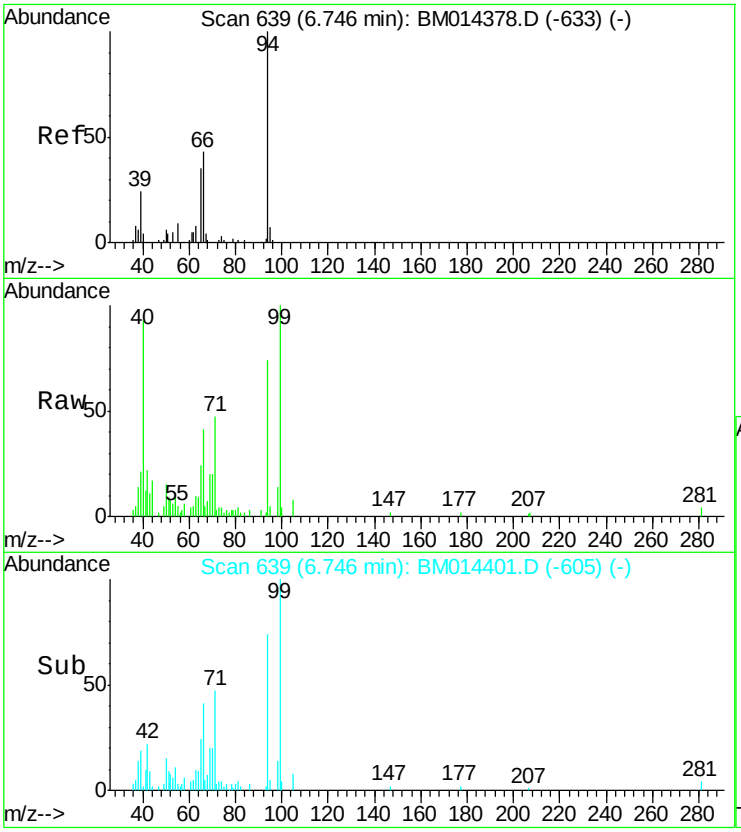
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 12:00:03 2018
Response via : Initial Calibration



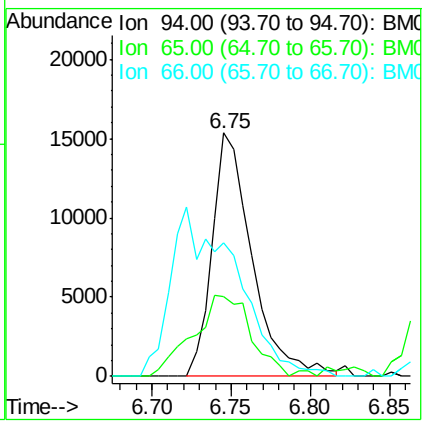


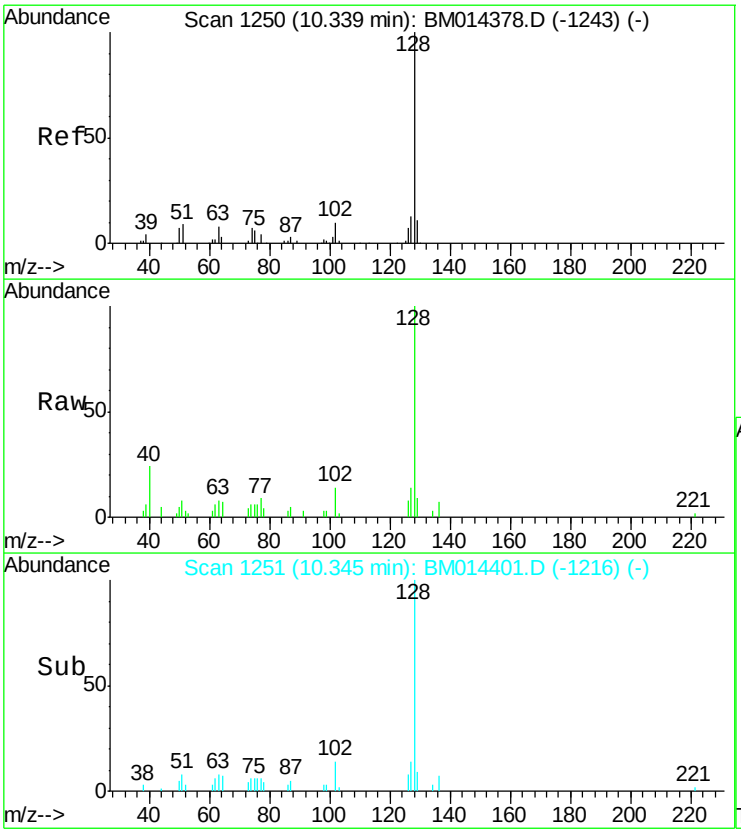
#6
Phenol
Concen: 2.851 ng/ul
RT: 6.75 min Scan# 639
Delta R.T. -0.00 min
Lab File: BM014401.D
Acq: 28 Feb 2018 13:24

Instrument :
BNA_M
ClientSampleId :
BE5X5

Tgt Ion: 94 Resp: 26900

Ion	Ratio	Lower	Upper
94	100		
65	32.9	28.2	42.4
66	55.0	47.2	70.8

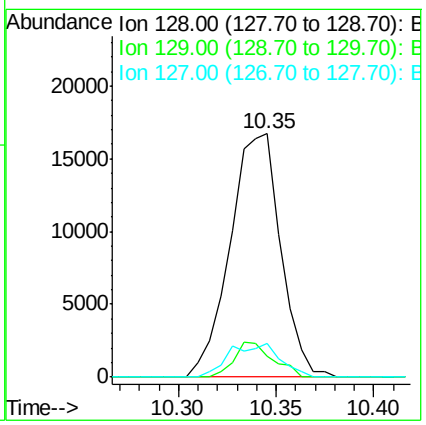


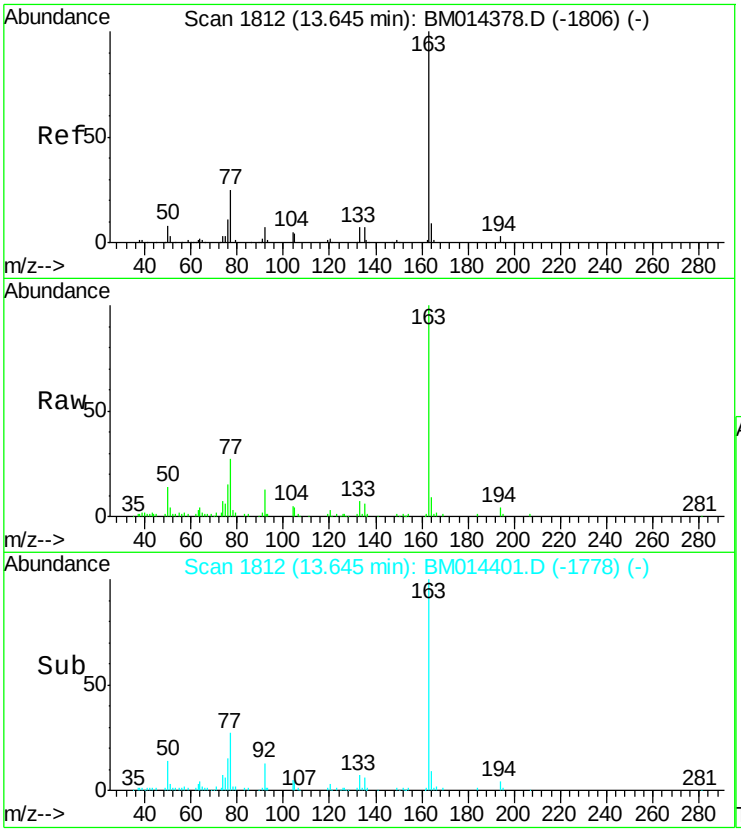


#28
Naphthalene
Concen: 1.322 ng/ul
RT: 10.35 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BM014401.D
Acq: 28 Feb 2018 13:24

Tgt Ion:128 Resp: 30016

Ion	Ratio	Lower	Upper
128	100		
129	8.8	8.8	13.2
127	13.9	10.6	16.0



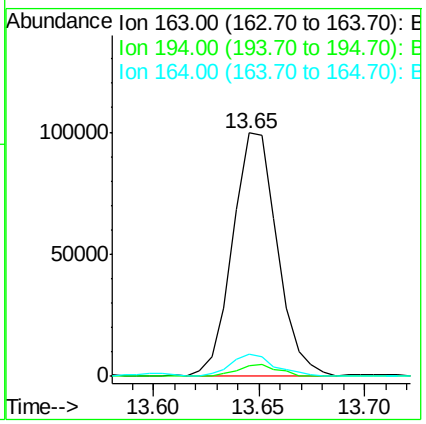


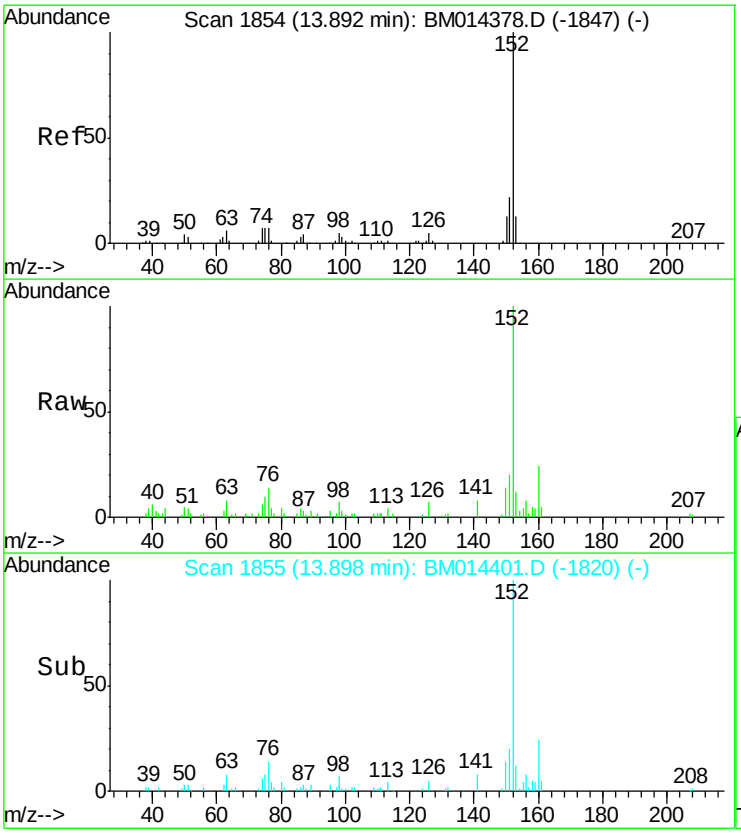
#44
Dimethylphthalate
Concen: 7.362 ng/ul
RT: 13.65 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BM014401.D
Acq: 28 Feb 2018 13:24

Instrument :
BNA_M
ClientSampleId :
BE5X5

Tgt Ion:163 Resp: 146442

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.2	8.2	12.4

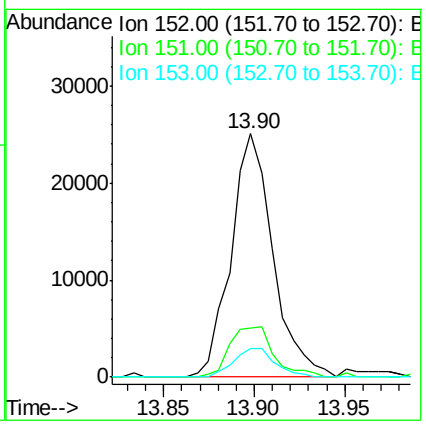


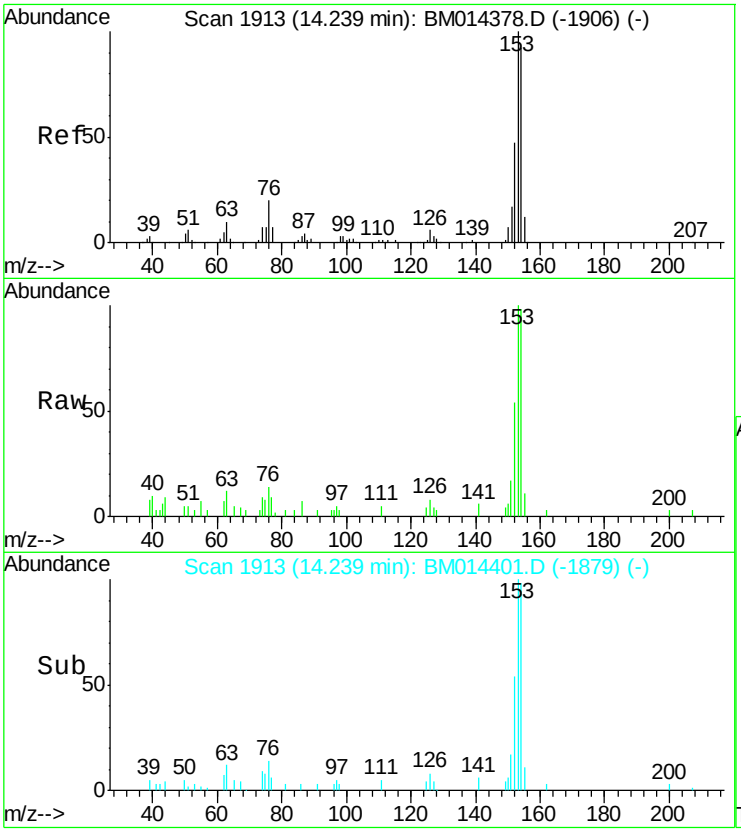


#47
Acenaphthylene
Concen: 1.720 ng/ul
RT: 13.90 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BM014401.D
Acq: 28 Feb 2018 13:24

Tgt Ion:152 Resp: 40442

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	11.9	10.2	15.4



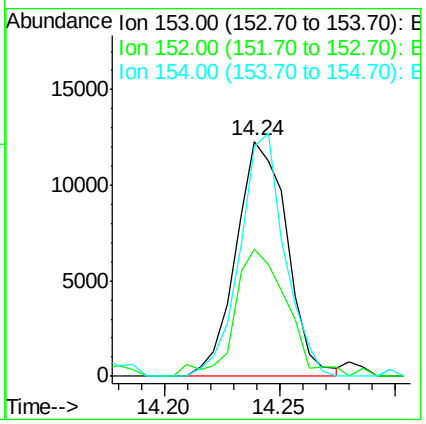


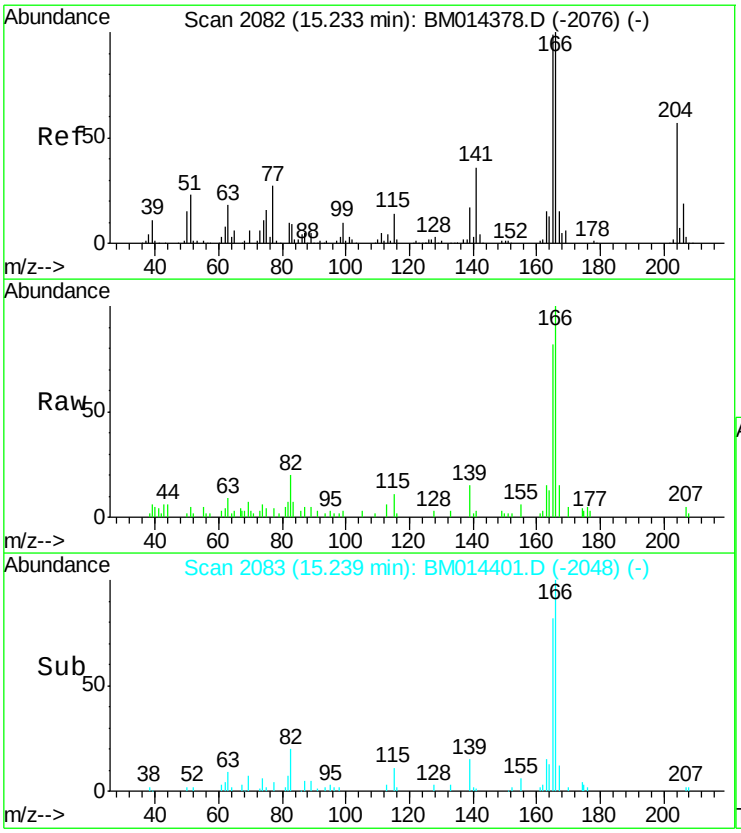
#49
Acenaphthene
Concen: 1.146 ng/ul
RT: 14.24 min Scan# 1913
Delta R.T. -0.00 min
Lab File: BM014401.D
Acq: 28 Feb 2018 13:24

Instrument :
BNA_M
ClientSampleId :
BE5X5

Tgt Ion:153 Resp: 18975

Ion	Ratio	Lower	Upper
153	100		
152	54.0	37.6	56.4
154	97.6	70.4	105.6

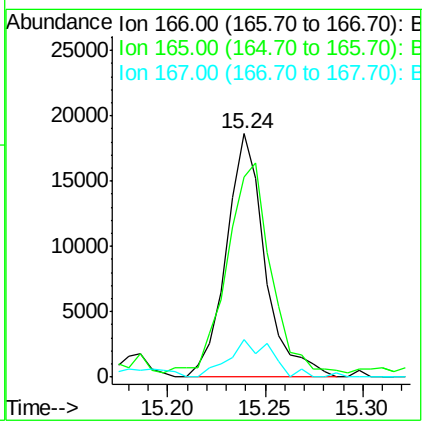


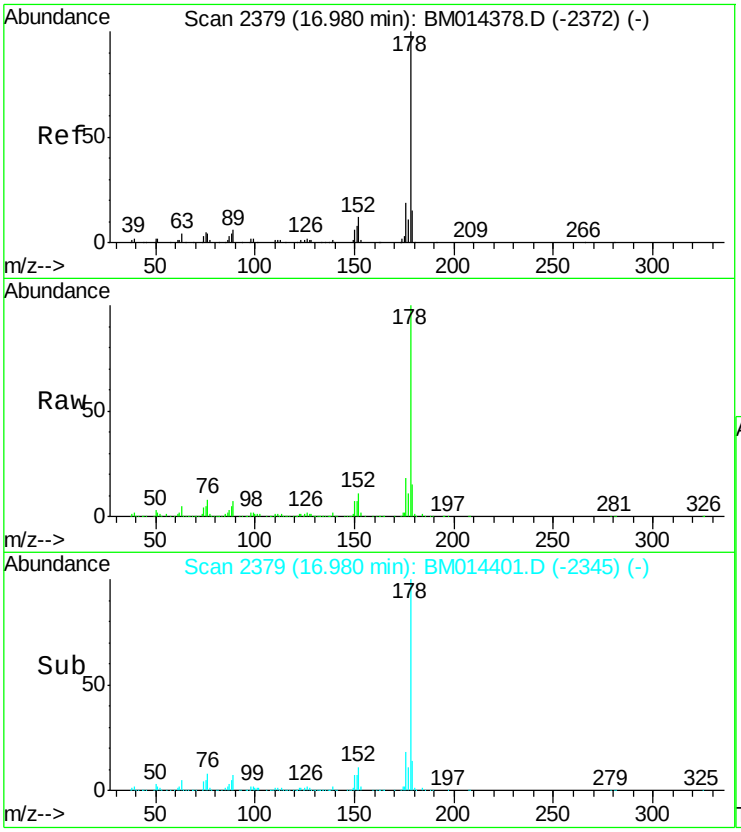


#58
Fluorene
Concen: 1.193 ng/ul
RT: 15.24 min Scan# 2083
Delta R.T. 0.01 min
Lab File: BM014401.D
Acq: 28 Feb 2018 13:24

Tgt Ion:166 Resp: 25563

Ion	Ratio	Lower	Upper
166	100		
165	82.0	77.9	116.9
167	15.2	10.6	16.0



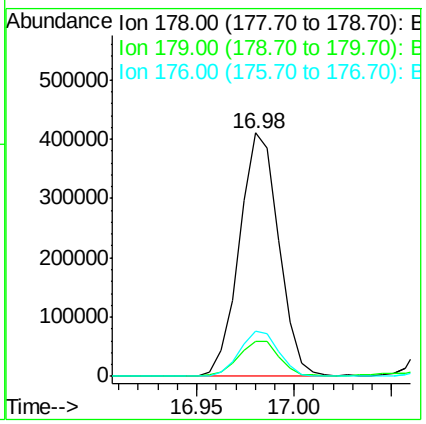


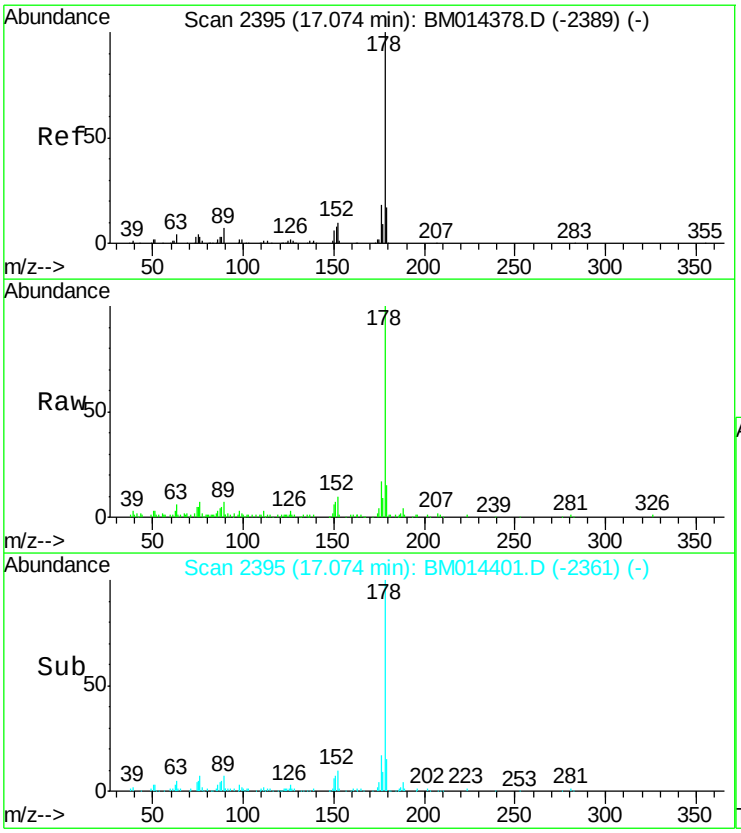
#69
Phenanthrene
Concen: 19.512 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BM014401.D
Acq: 28 Feb 2018 13:24

Instrument :
BNA_M
ClientSampleId :
BE5X5

Tgt Ion:178 Resp: 571848

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.6	19.0
176	18.4	14.9	22.3

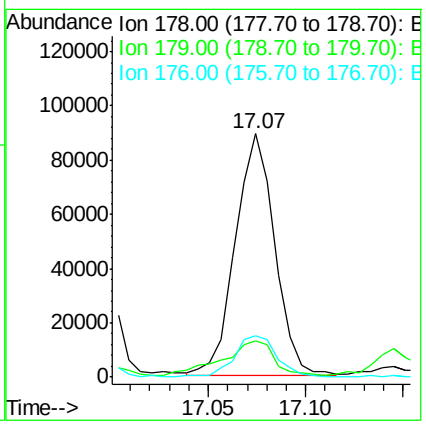


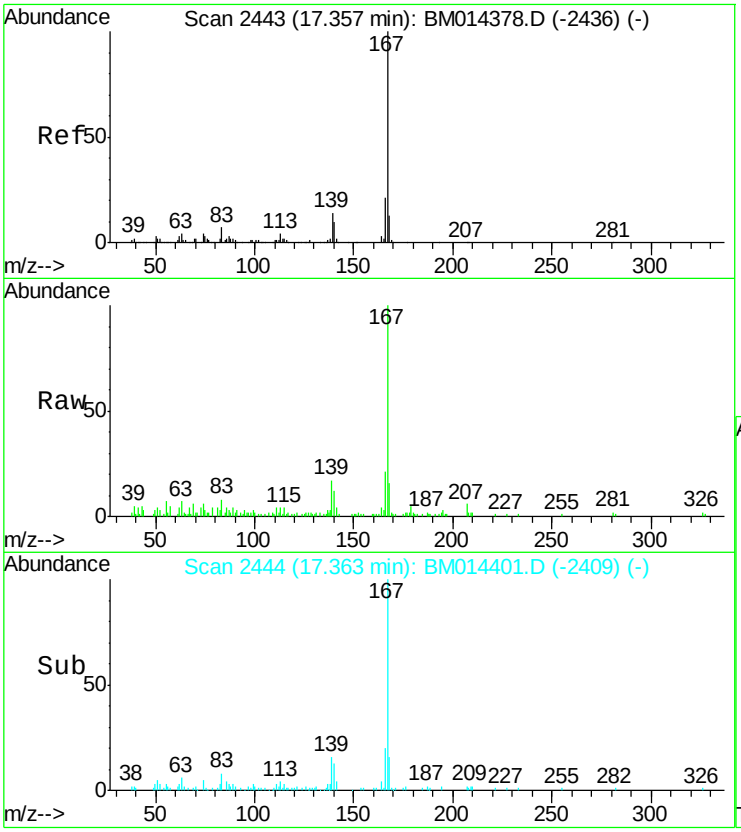


#71
Anthracene
Concen: 4.239 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM014401.D
Acq: 28 Feb 2018 13:24

Tgt Ion:178 Resp: 124938

Ion	Ratio	Lower	Upper
178	100		
179	14.8	11.7	17.5
176	17.0	14.6	21.8



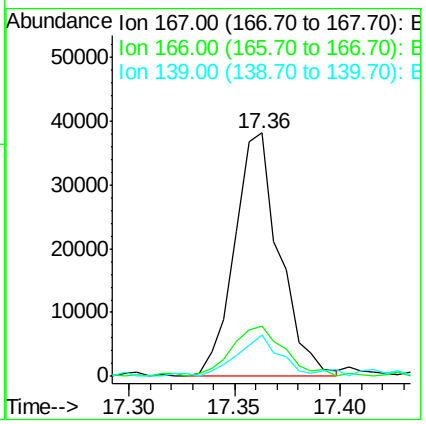


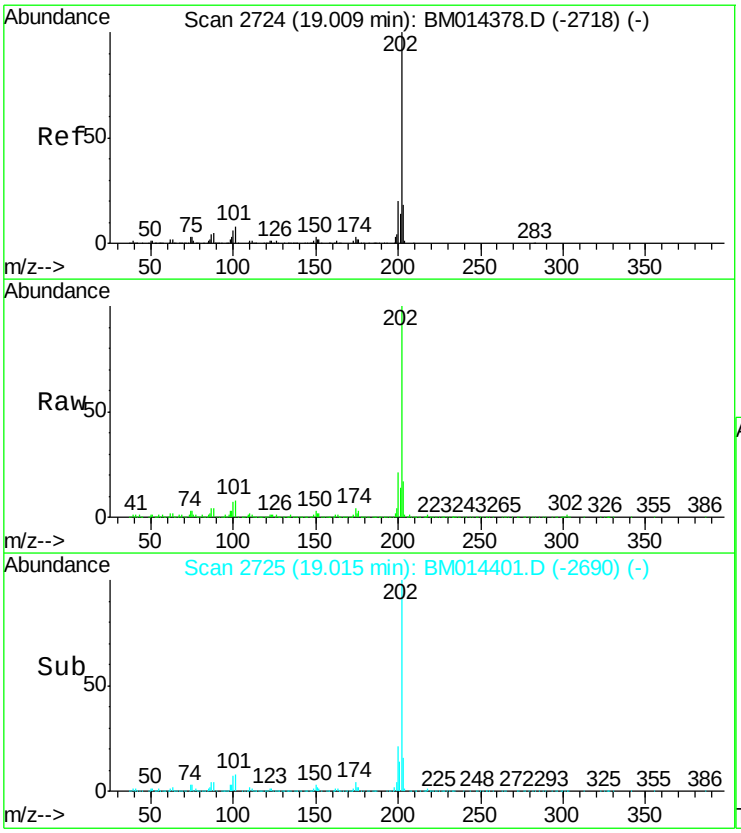
#72
Carbazole
Concen: 2.270 ng/ul
RT: 17.36 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BM014401.D
Acq: 28 Feb 2018 13:24

Instrument :
BNA_M
ClientSampleId :
BE5X5

Tgt Ion:167 Resp: 56255

Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.1	25.7
139	16.9	10.0	15.0#

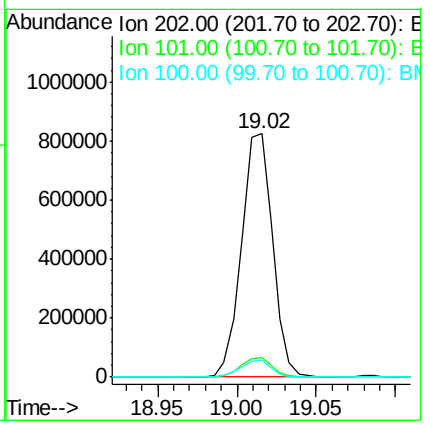


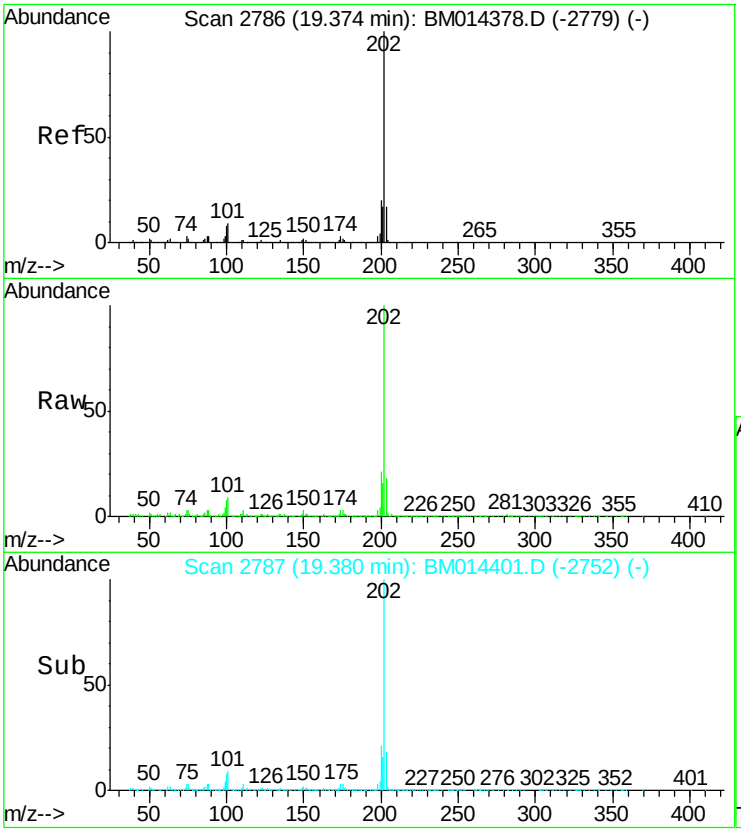


#74
Fluoranthene
Concen: 32.039 ng/ul
RT: 19.02 min Scan# 2725
Delta R.T. 0.01 min
Lab File: BM014401.D
Acq: 28 Feb 2018 13:24

Tgt Ion:202 Resp: 1121878

Ion	Ratio	Lower	Upper
202	100		
101	7.9	4.6	7.0#
100	6.8	3.4	5.2#



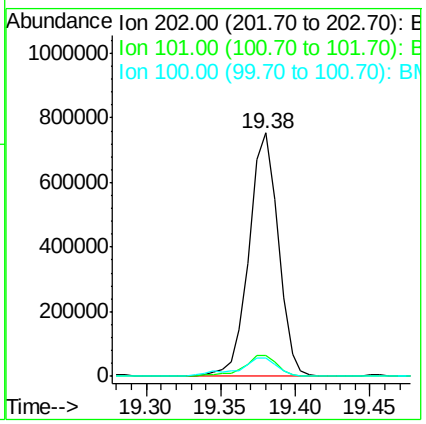


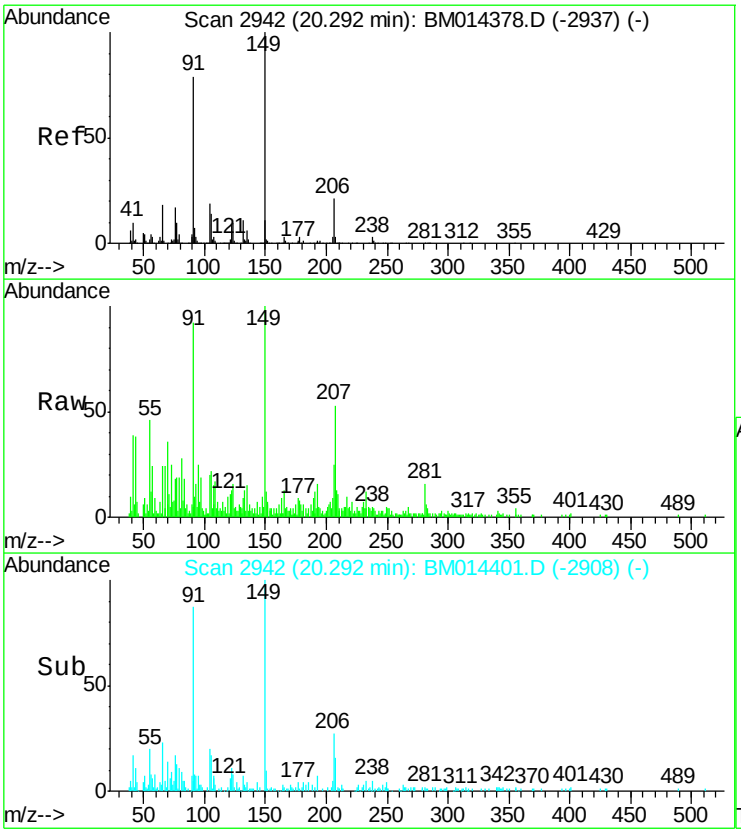
#77
Pyrene
Concen: 31.930 ng/ul
RT: 19.38 min Scan# 2787
Delta R.T. 0.01 min
Lab File: BM014401.D
Acq: 28 Feb 2018 13:24

Instrument :
BNA_M
ClientSampleId :
BE5X5

Tgt Ion:202 Resp: 1014840

Ion	Ratio	Lower	Upper
202	100		
101	8.8	5.1	7.7#
100	7.6	4.9	7.3#

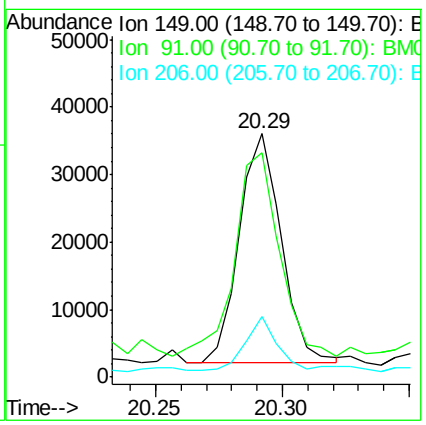


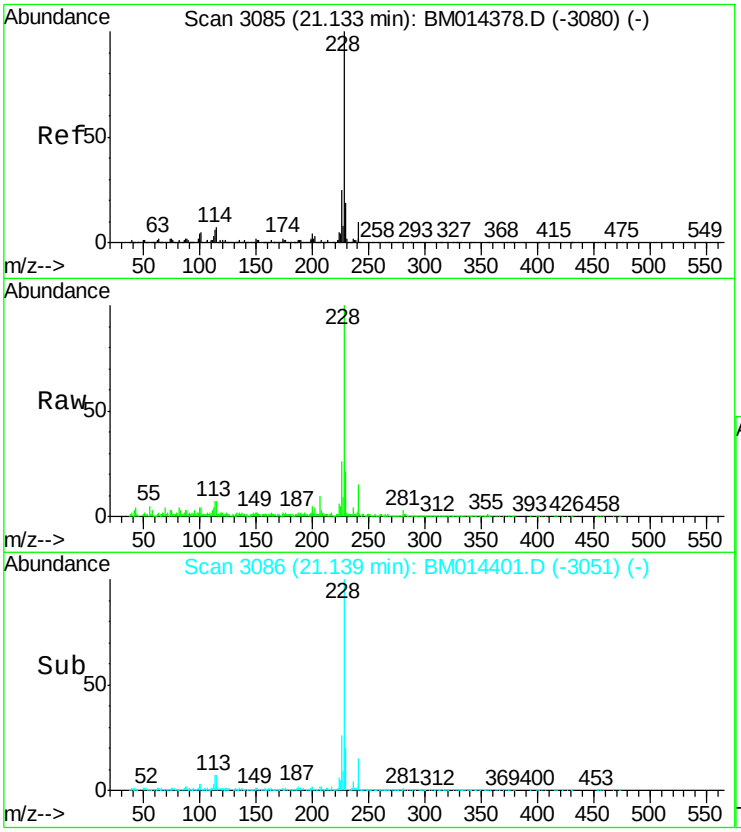


#78
Butylbenzylphthalate
Concen: 2.986 ng/ul
RT: 20.29 min Scan# 2942
Delta R.T. -0.00 min
Lab File: BM014401.D
Acq: 28 Feb 2018 13:24

Tgt Ion:149 Resp: 39242

Ion	Ratio	Lower	Upper
149	100		
91	92.0	62.7	94.1
206	24.9	20.8	31.2



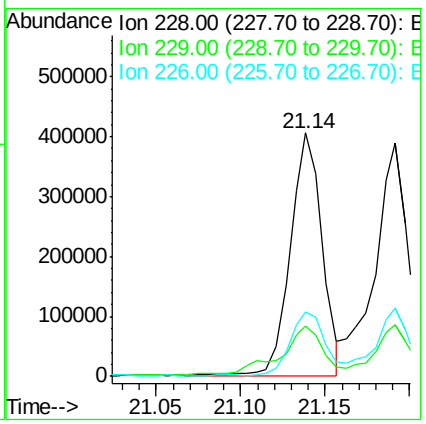


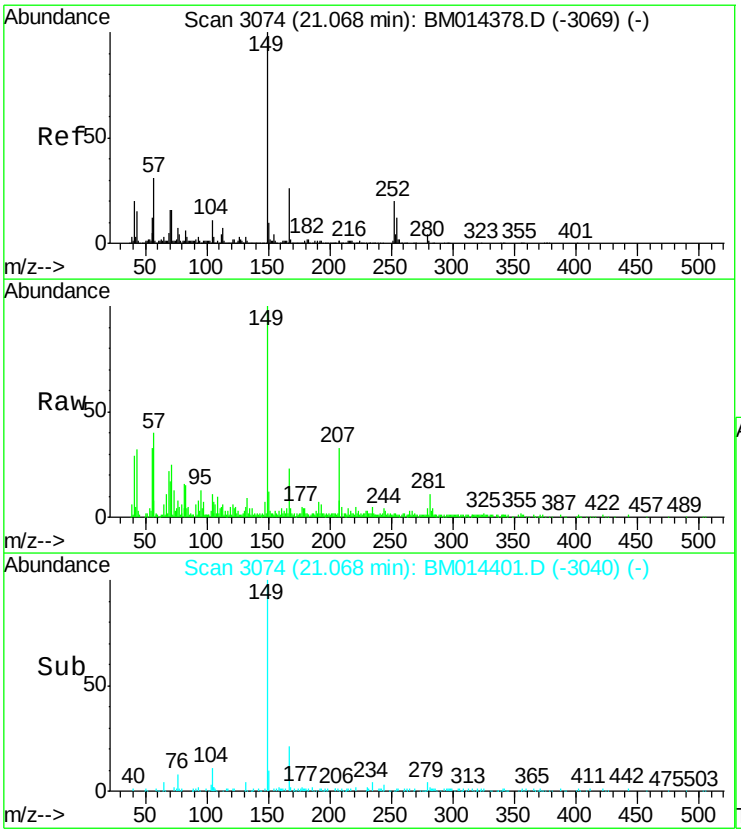
#80
Benzo(a)anthracene
Concen: 17.556 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. 0.01 min
Lab File: BM014401.D
Acq: 28 Feb 2018 13:24

Instrument :
BNA_M
ClientSampleId :
BE5X5

Tgt Ion:228 Resp: 523996

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.0
226	26.3	21.4	32.0

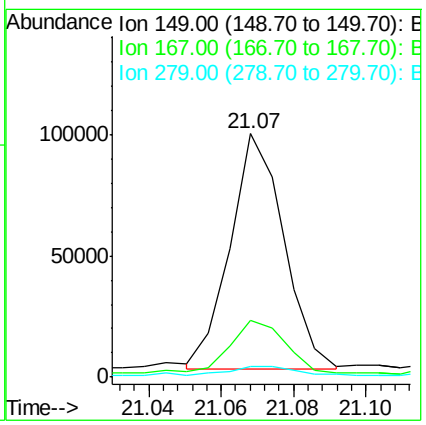


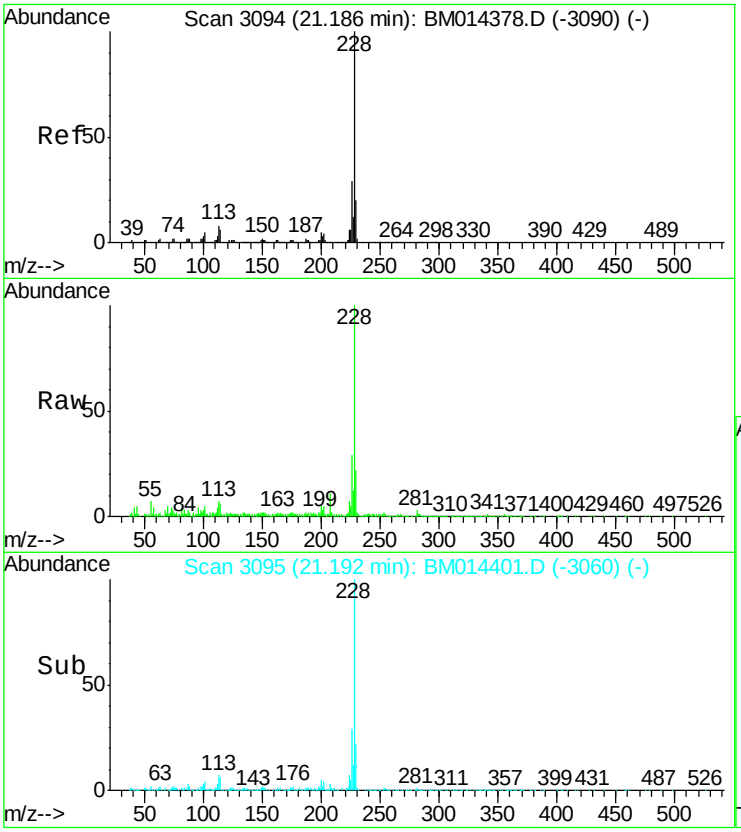


#81
Bis(2-ethylhexyl)phthalate
Concen: 5.293 ng/ul
RT: 21.07 min Scan# 3074
Delta R.T. -0.00 min
Lab File: BM014401.D
Acq: 28 Feb 2018 13:24

Tgt Ion:149 Resp: 99611

Ion	Ratio	Lower	Upper
149	100		
167	23.3	22.8	34.2
279	4.1	4.9	7.3#



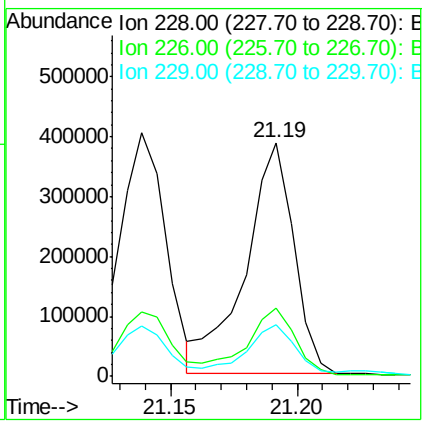


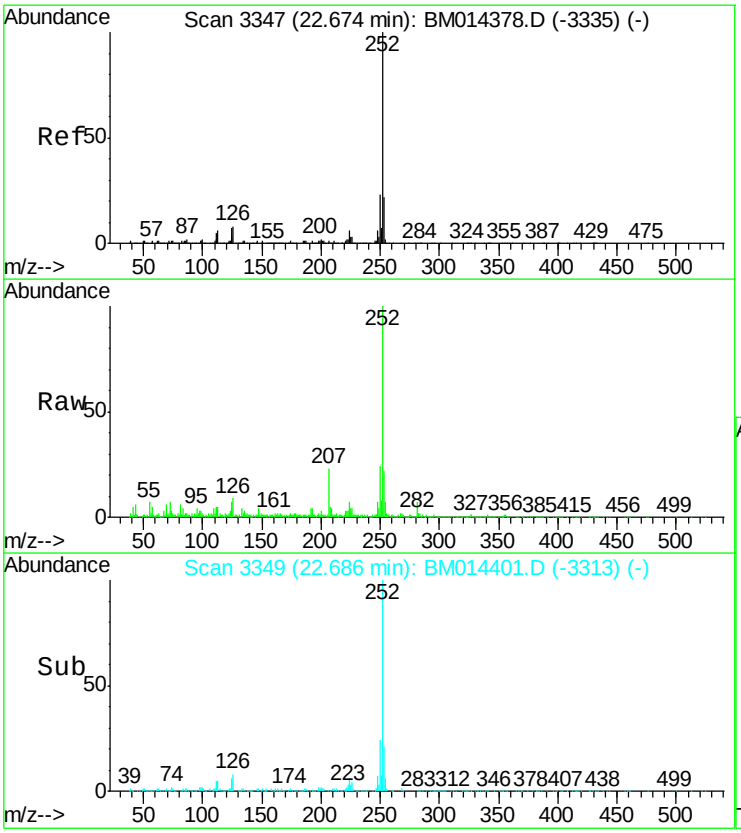
#82
Chrysene
Concen: 18.534 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BM014401.D
Acq: 28 Feb 2018 13:24

Instrument :
BNA_M
ClientSampleId :
BE5X5

Tgt Ion:228 Resp: 516052

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	22.0	15.5	23.3

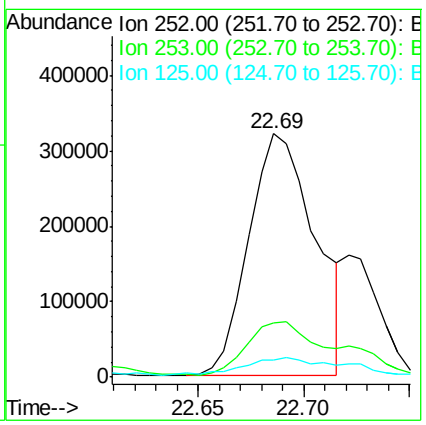


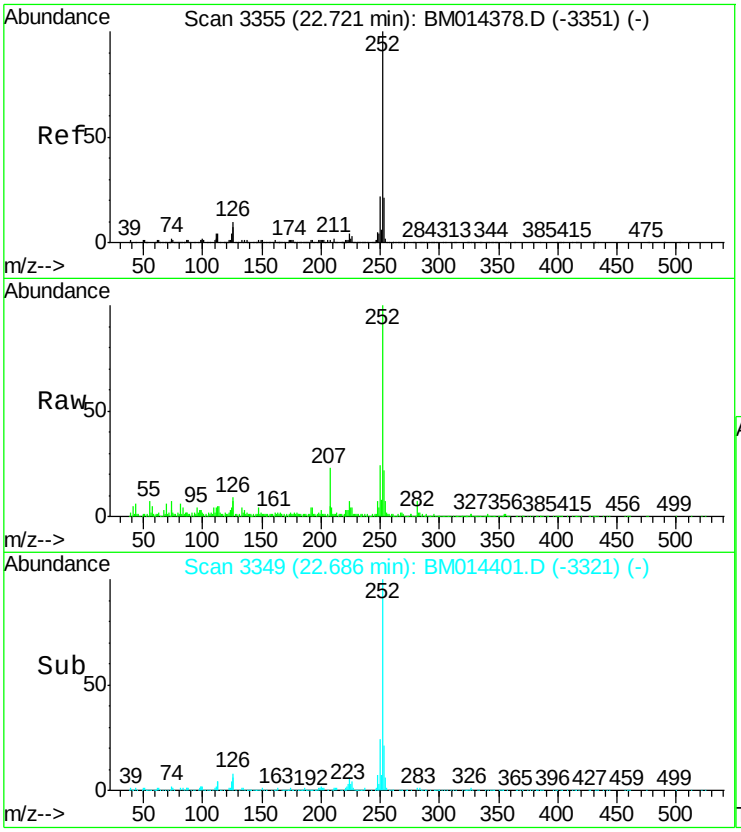


#85
Benzo(b)fluoranthene
Concen: 21.893 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. 0.01 min
Lab File: BM014401.D
Acq: 28 Feb 2018 13:24

Tgt Ion:252 Resp: 704078

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	6.9	3.6	5.4#



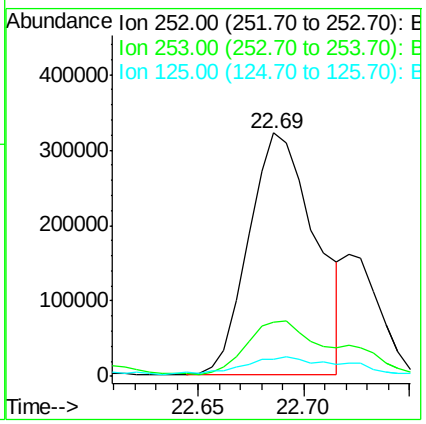


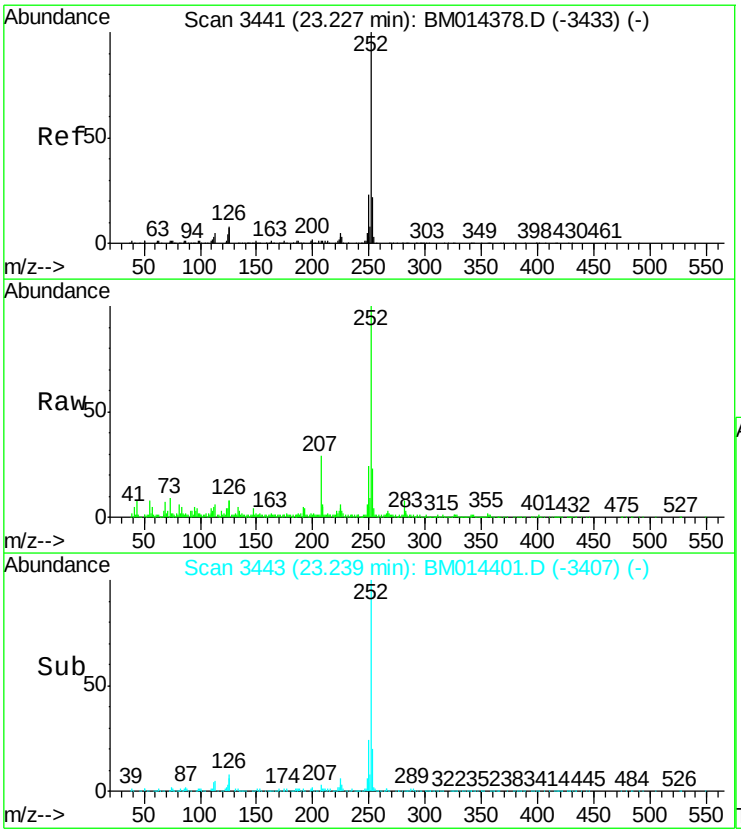
#86
Benzo(k)fluoranthene
Concen: 23.027 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BM014401.D
Acq: 28 Feb 2018 13:24

Instrument :
BNA_M
ClientSampleId :
BE5X5

Tgt Ion:252 Resp: 704078

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	6.9	3.4	5.2#

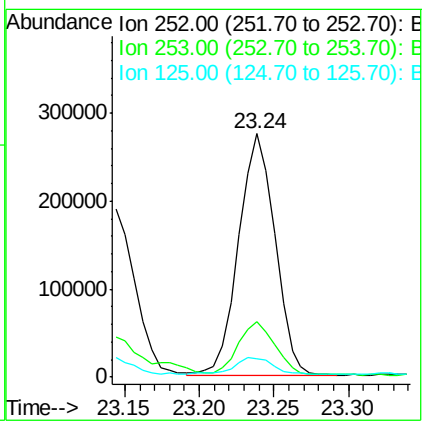


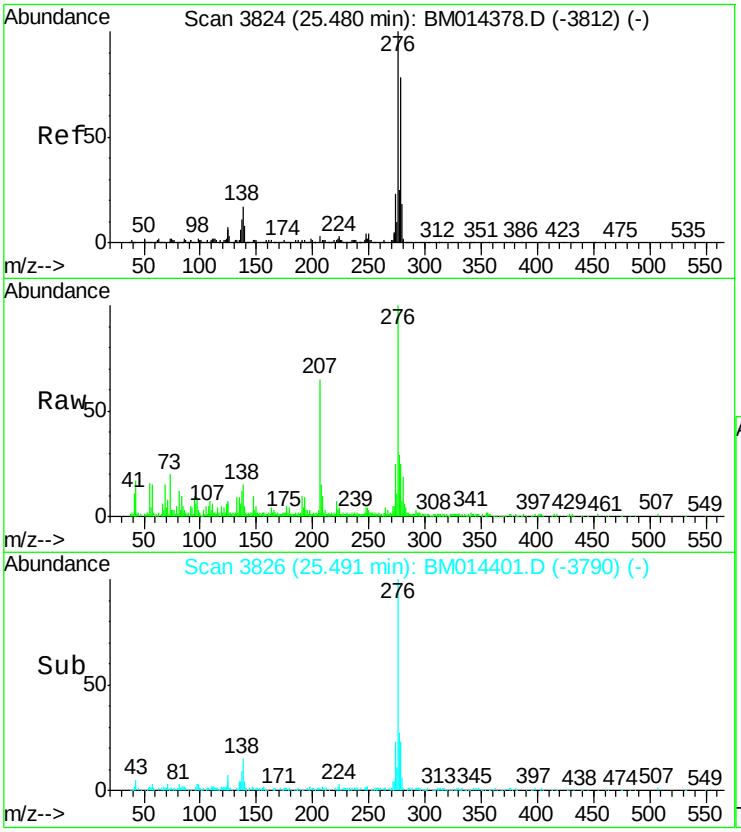


#88
Benzo(a)pyrene
Concen: 16.178 ng/ul
RT: 23.24 min Scan# 3443
Delta R.T. 0.01 min
Lab File: BM014401.D
Acq: 28 Feb 2018 13:24

Tgt Ion:252 Resp: 464928

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	7.7	4.0	6.0#



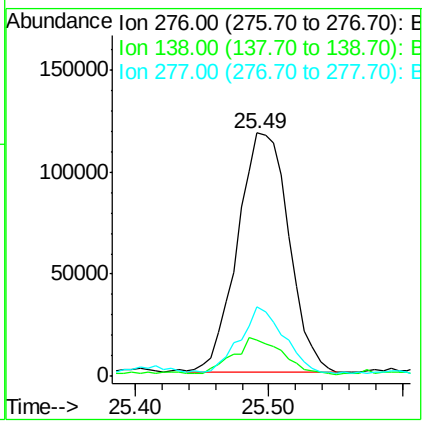


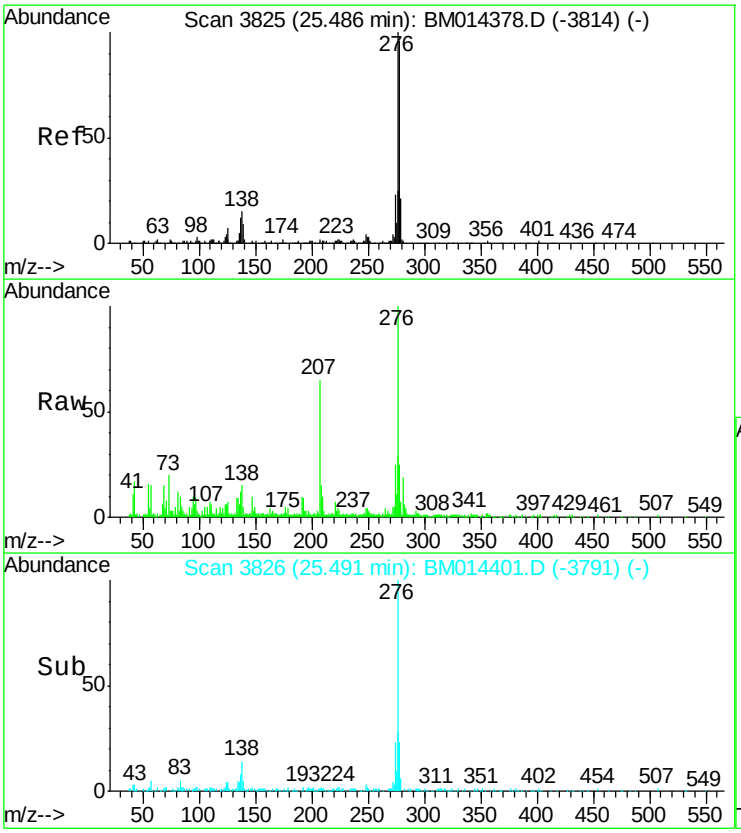
#89
Indeno(1,2,3-cd)pyrene
Concen: 11.180 ng/ul
RT: 25.49 min Scan# 3826
Delta R.T. 0.01 min
Lab File: BM014401.D
Acq: 28 Feb 2018 13:24

Instrument :
BNA_M
ClientSampleId :
BE5X5

Tgt Ion:276 Resp: 311767

Ion	Ratio	Lower	Upper
276	100		
138	15.1	9.3	13.9#
277	28.5	19.9	29.9

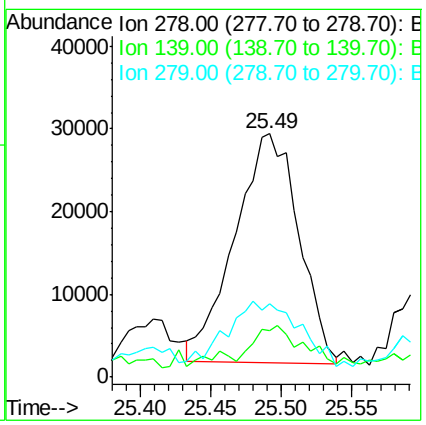


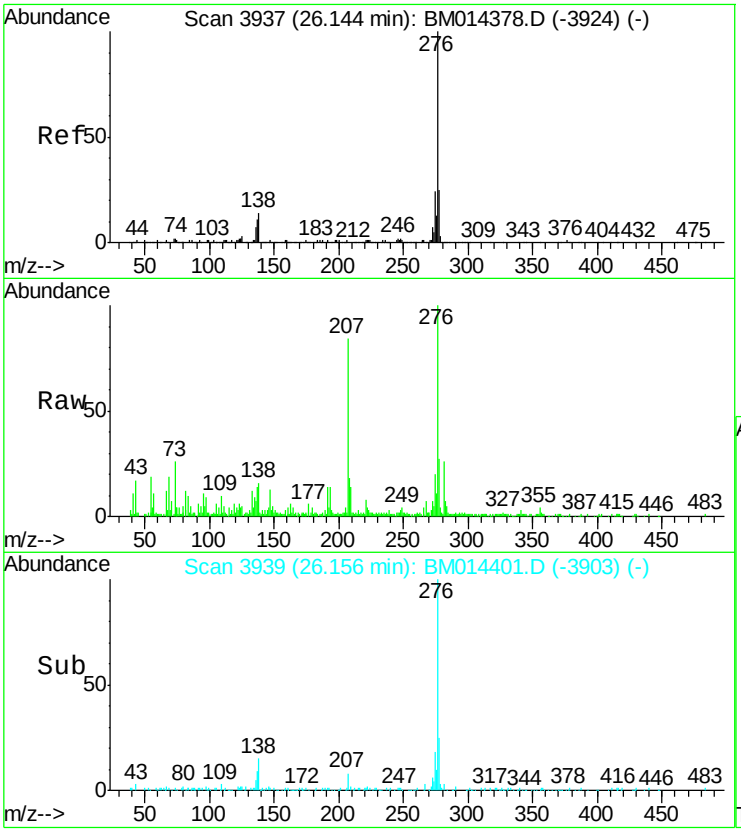


#90
Dibenzo(a,h)anthracene
Concen: 3.779 ng/ul
RT: 25.49 min Scan# 3826
Delta R.T. 0.01 min
Lab File: BM014401.D
Acq: 28 Feb 2018 13:24

Tgt Ion:278 Resp: 87573

Ion	Ratio	Lower	Upper
278	100		
139	18.9	5.8	8.8#
279	29.9	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 12.116 ng/ul
RT: 26.16 min Scan# 3939
Delta R.T. 0.01 min
Lab File: BM014401.D
Acq: 28 Feb 2018 13:24

Instrument :
BNA_M
ClientSampleId :
BE5X5

Tgt Ion:276 Resp: 273712

Ion	Ratio	Lower	Upper
276	100		
138	15.6	8.5	12.7#
277	26.8	18.6	28.0