Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014372.D
Acq On : 27 Feb 2018 00:35
Operator : SJ/JU
Sample : J1646-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z8

Quant Time: Feb 27 06:41:43 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	176156	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	762557	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	405638	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	737832	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	496096	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	473332	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	27761	6.75	ng/uL	0.00
5) Phenol-d5	6.73	99	586175	39.37	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.88	67	378125	41.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	499866	43.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	464135	35.63	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	260660	46.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	288118	49.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	521123	43.14	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	365438	30.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.61	166	1685300	50.31	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	2059617	49.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	156643	33.87	ng/ul	0.02
57) Fluorene-d10	15.19	176	1314869	43.81	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.35	200	57017	12.88	ng/ul	0.02
70) Anthracene-d10	17.04	188	1727921	48.54	ng/ul	0.00
76) Pyrene-d10	19.36	212	1471048	57.49	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.20	264	1123036	48.75	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.76	94	68491	4.384	ng/ul	93
28) Naphthalene	10.35	128	53147	1.357	ng/ul	97
44) Dimethylphthalate	13.66	163	454481	13.759	ng/ul	98
47) Acenaphthylene	13.90	152	71892	1.841	ng/ul	95
49) Acenaphthene	14.25	153	95034	3.457	ng/ul	95
53) Dibenzofuran	14.59	168	75870	1.841	ng/ul	89
58) Fluorene	15.25	166	87806	2.467	ng/ul#	93
69) Phenanthrene	16.99	178	1979860	46.573	ng/ul	99
71) Anthracene	17.08	178	348318	8.147	ng/ul	95
72) Carbazole	17.36	167	166328	4.627	ng/ul	99
74) Fluoranthene	19.02	202	2486583	48.959	ng/ul#	92
77) Pyrene	19.39	202	2112528	64.076	ng/ul#	92
80) Benzo(a)anthracene	21.14	228	806024	26.033	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	57650	2.953	ng/ul	94
82) Chrysene	21.19	228	749557	25.952	ng/ul	96
85) Benzo(b)fluoranthene	22.69	252	902986	28.491	ng/ul#	97
86) Benzo(k)fluoranthene	22.73	252	285304	9.468	ng/ul#	93
88) Benzo(a)pyrene	23.24	252	646114	22.814	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.50	276	414969	15.100	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.50	278	114957	5.034	ng/ul#	84
91) Benzo(g,h,i)perylene	26.16	276	321257	14.430	ng/ul	98

Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014372.D
Acq On : 27 Feb 2018 00:35
Operator : SJ/JU
Sample : J1646-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Z8

Quant Time: Feb 27 06:41:43 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
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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 (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014372.D
Acq On : 27 Feb 2018 00:35
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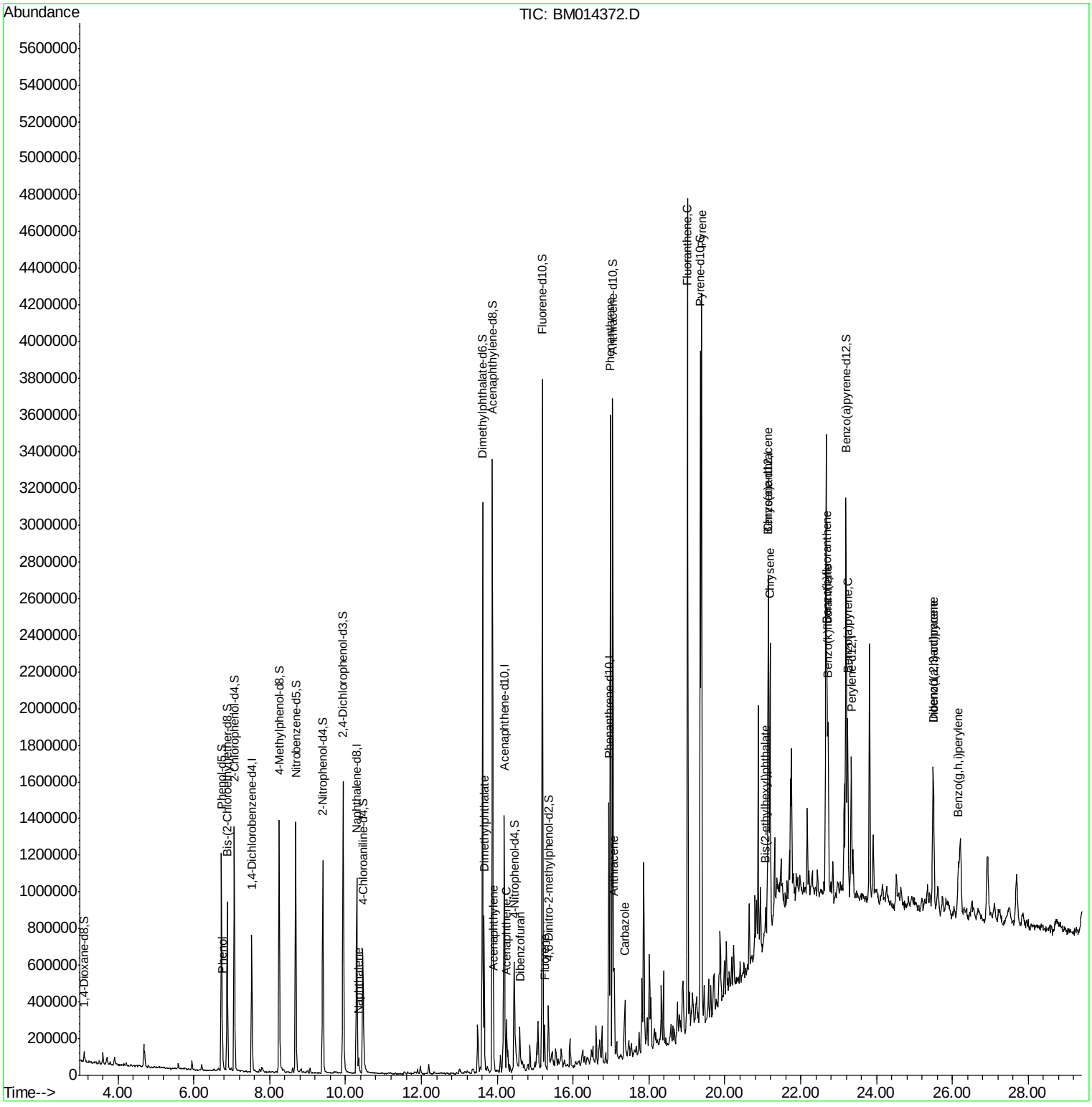
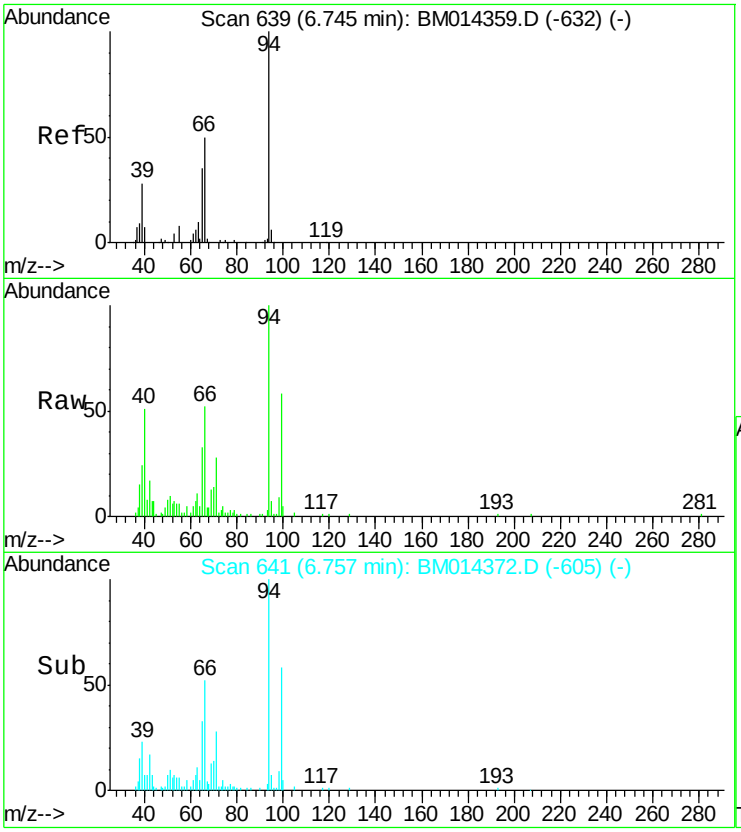
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration



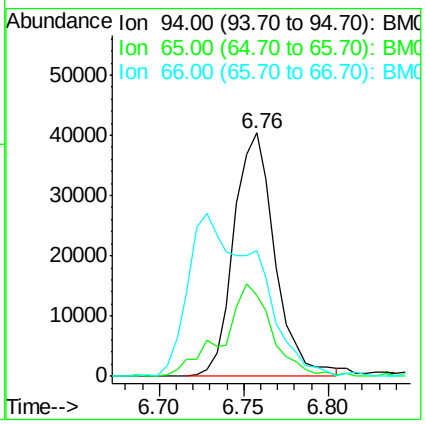


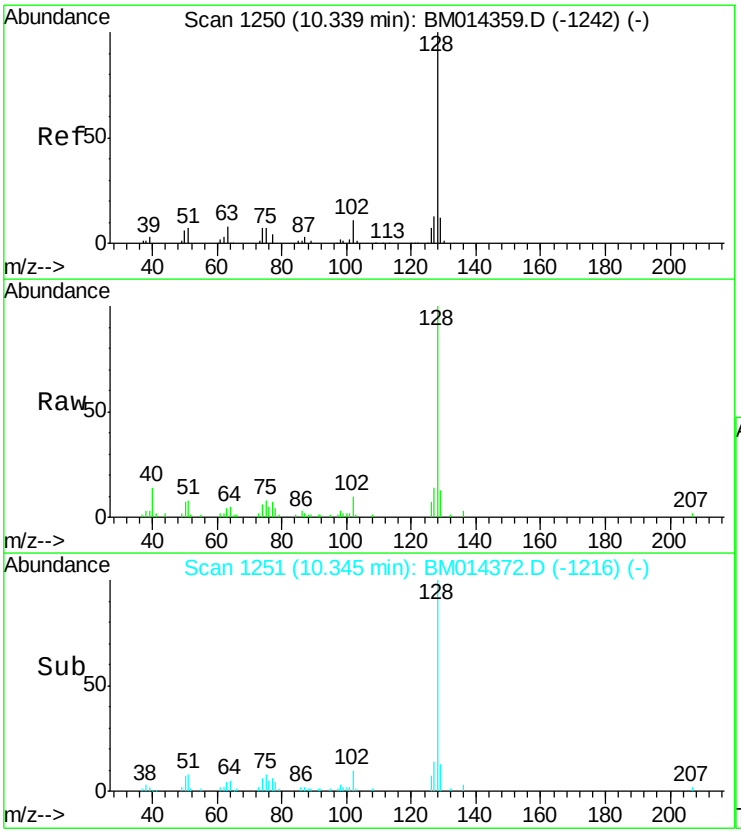
#6
Phenol
Concen: 4.384 ng/ul
RT: 6.76 min Scan# 641
Delta R.T. 0.01 min
Lab File: BM014372.D
Acq: 27 Feb 2018 00:35

Instrument :
BNA_M
ClientSampleId :
BE5Z8

Tgt Ion: 94 Resp: 68491

Ion	Ratio	Lower	Upper
94	100		
65	33.4	28.2	42.4
66	51.8	47.2	70.8

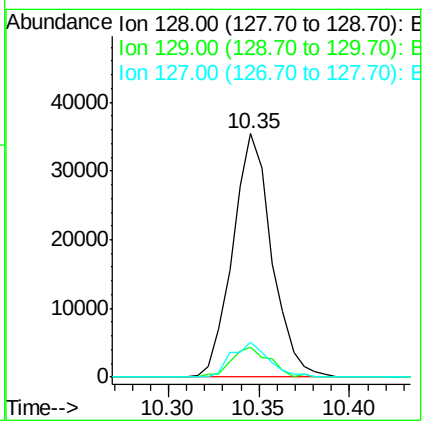


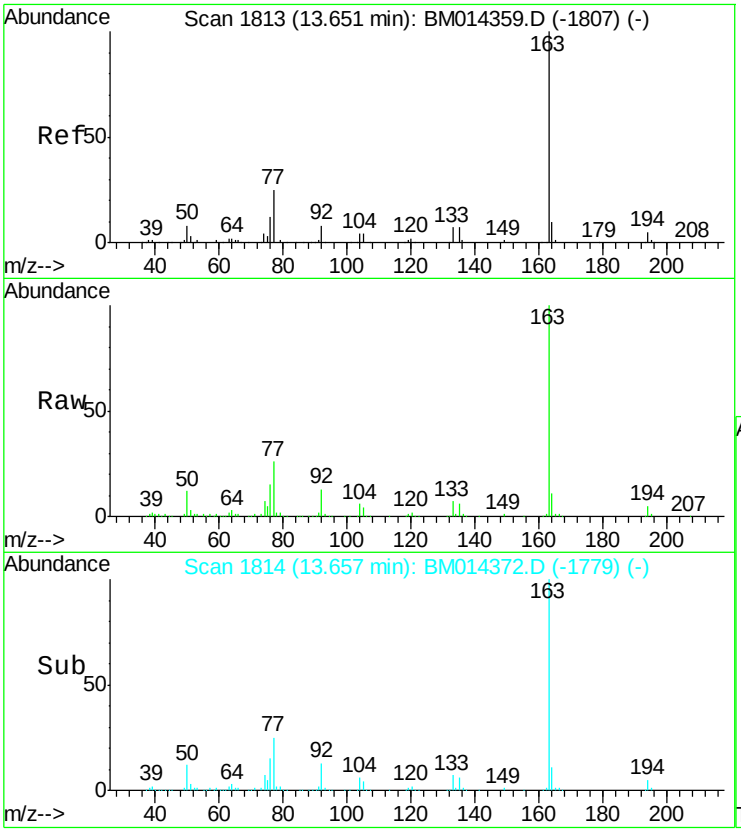


#28
Naphthalene
Concen: 1.357 ng/ul
RT: 10.35 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BM014372.D
Acq: 27 Feb 2018 00:35

Tgt Ion:128 Resp: 53147

Ion	Ratio	Lower	Upper
128	100		
129	12.5	8.8	13.2
127	14.2	10.6	16.0



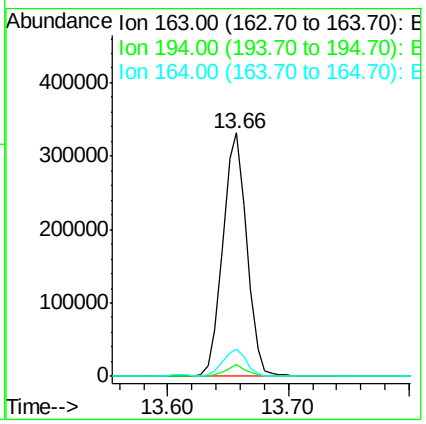


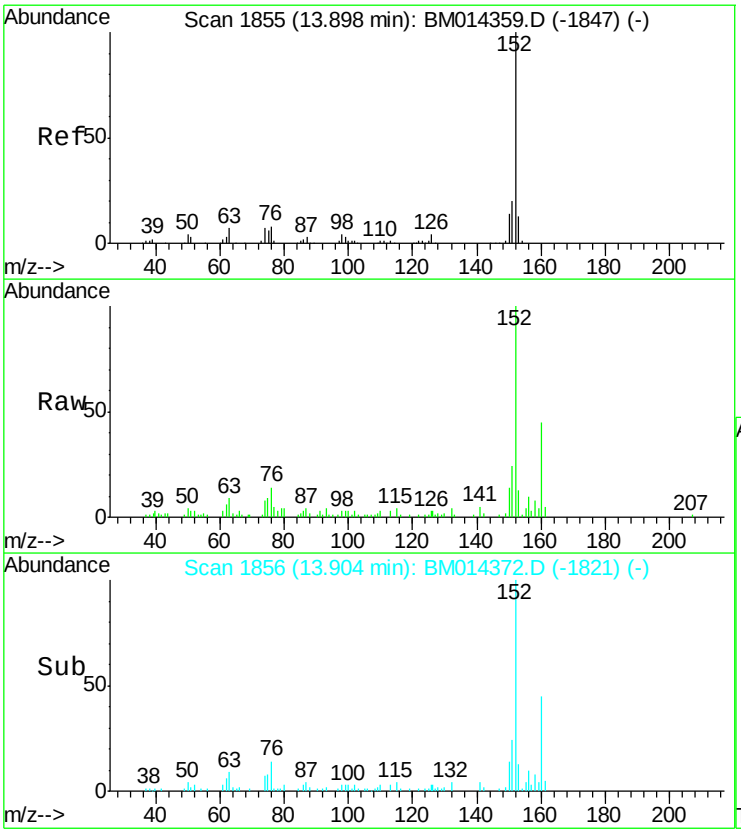
#44
Dimethylphthalate
Concen: 13.759 ng/ul
RT: 13.66 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BM014372.D
Acq: 27 Feb 2018 00:35

Instrument :
BNA_M
ClientSampleId :
BE5Z8

Tgt Ion:163 Resp: 454481

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	11.1	8.2	12.4

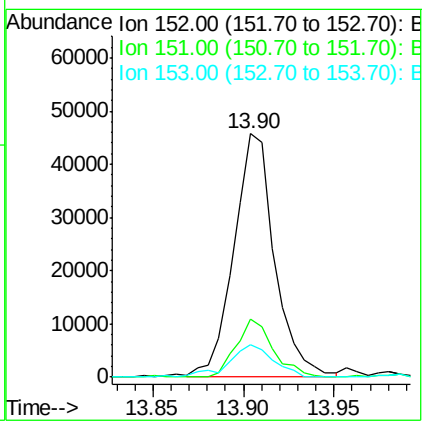


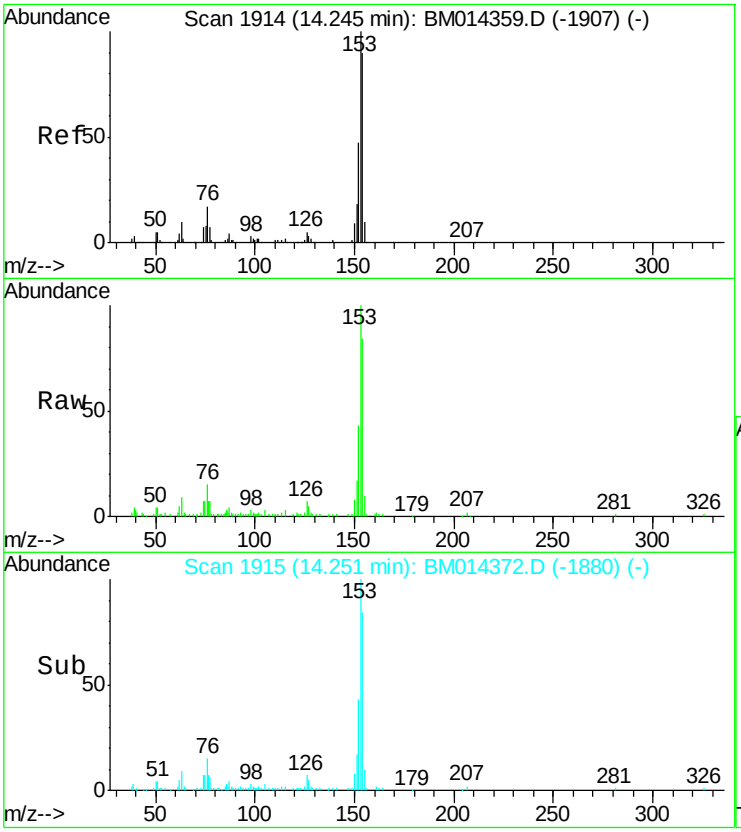


#47
Acenaphthylene
Concen: 1.841 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BM014372.D
Acq: 27 Feb 2018 00:35

Tgt Ion:152 Resp: 71892

Ion	Ratio	Lower	Upper
152	100		
151	23.7	16.3	24.5
153	13.3	10.2	15.4



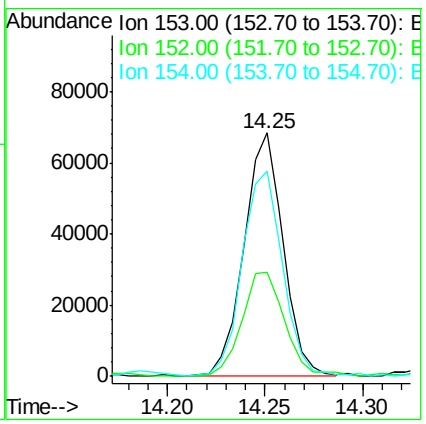


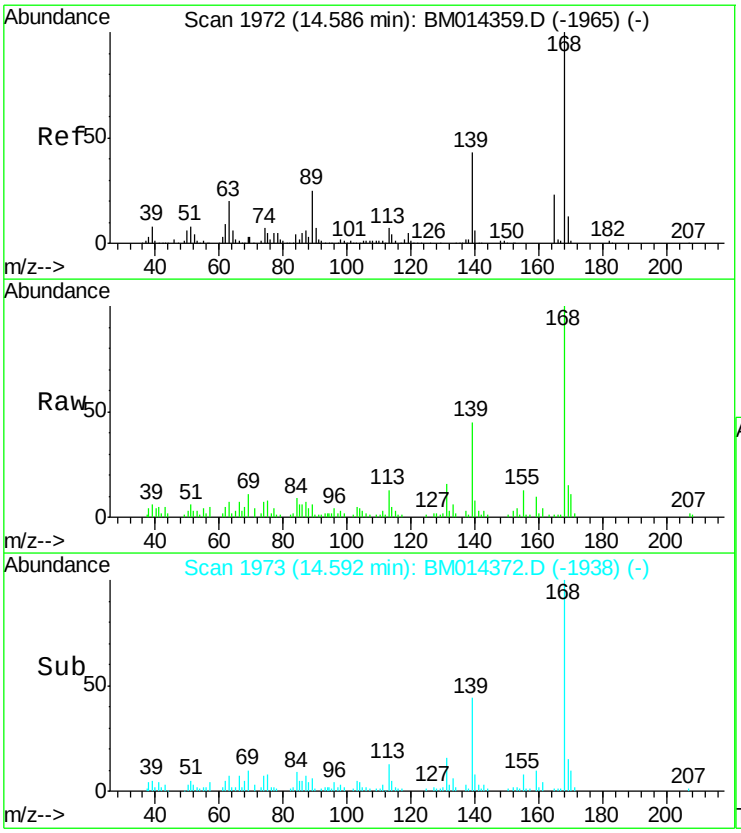
#49
Acenaphthene
Concen: 3.457 ng/ul
RT: 14.25 min Scan# 1915
Delta R.T. 0.01 min
Lab File: BM014372.D
Acq: 27 Feb 2018 00:35

Instrument :
BNA_M
ClientSampleId :
BE5Z8

Tgt Ion:153 Resp: 95034

Ion	Ratio	Lower	Upper
153	100		
152	42.8	37.6	56.4
154	84.1	70.4	105.6

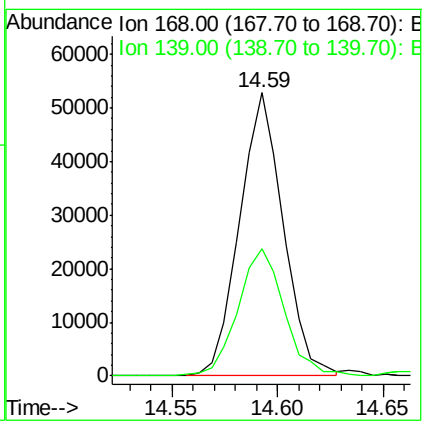


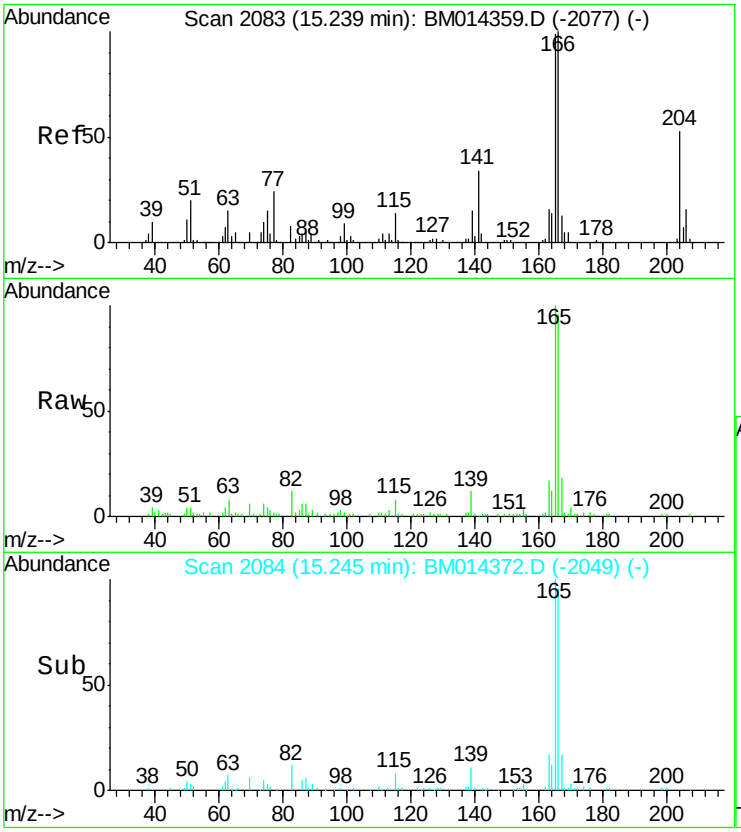


#53
Dibenzofuran
Concen: 1.841 ng/ul
RT: 14.59 min Scan# 1973
Delta R.T. 0.01 min
Lab File: BM014372.D
Acq: 27 Feb 2018 00:35

Tgt Ion:168 Resp: 75870

Ion	Ratio	Lower	Upper
168	100		
139	45.1	30.8	46.2



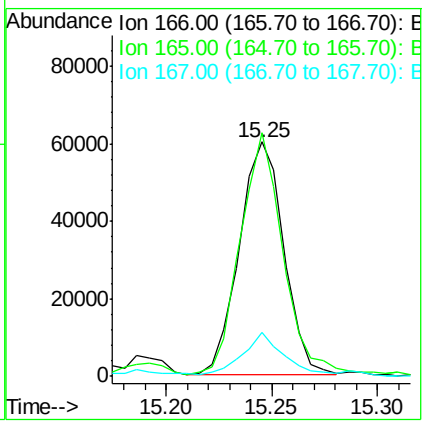


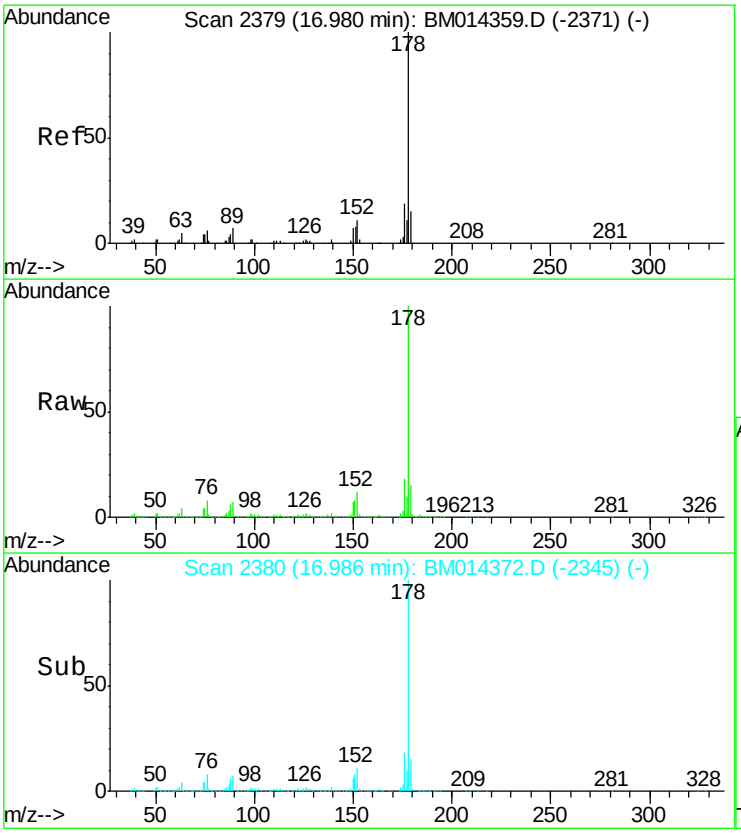
#58
Fluorene
Concen: 2.467 ng/ul
RT: 15.25 min Scan# 2084
Delta R.T. 0.01 min
Lab File: BM014372.D
Acq: 27 Feb 2018 00:35

Instrument :
BNA_M
ClientSampleId :
BE5Z8

Tgt Ion:166 Resp: 87806

Ion	Ratio	Lower	Upper
166	100		
165	103.9	77.9	116.9
167	18.9	10.6	16.0#

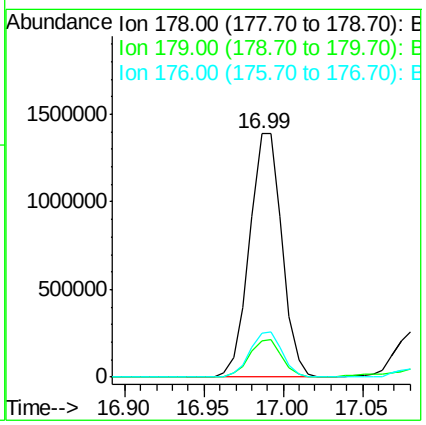


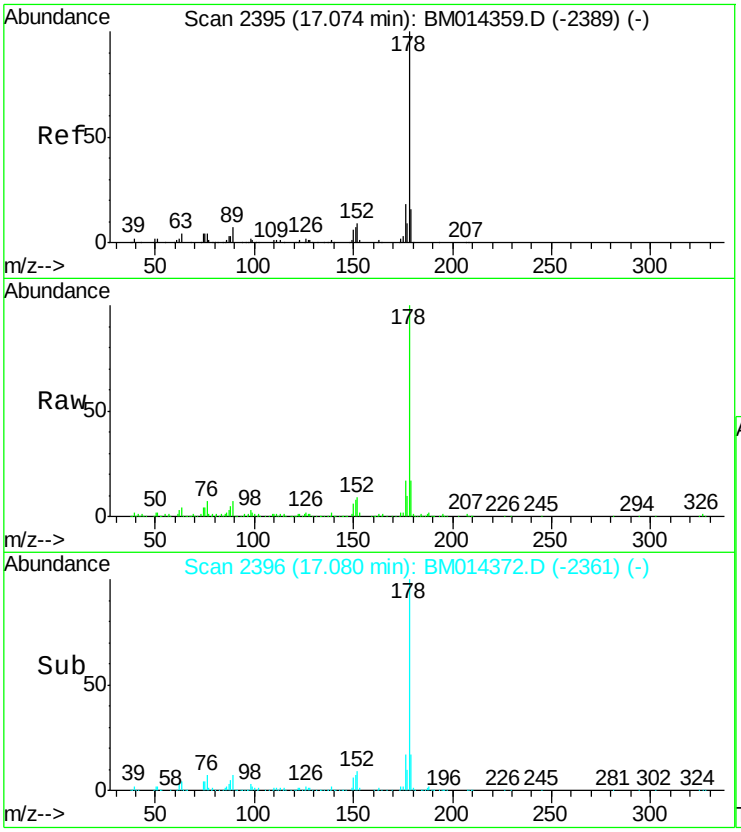


#69
Phenanthrene
Concen: 46.573 ng/ul
RT: 16.99 min Scan# 2380
Delta R.T. 0.01 min
Lab File: BM014372.D
Acq: 27 Feb 2018 00:35

Tgt Ion:178 Resp: 1979860

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	18.0	14.9	22.3



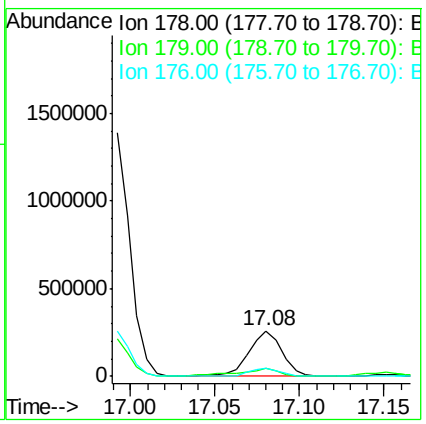


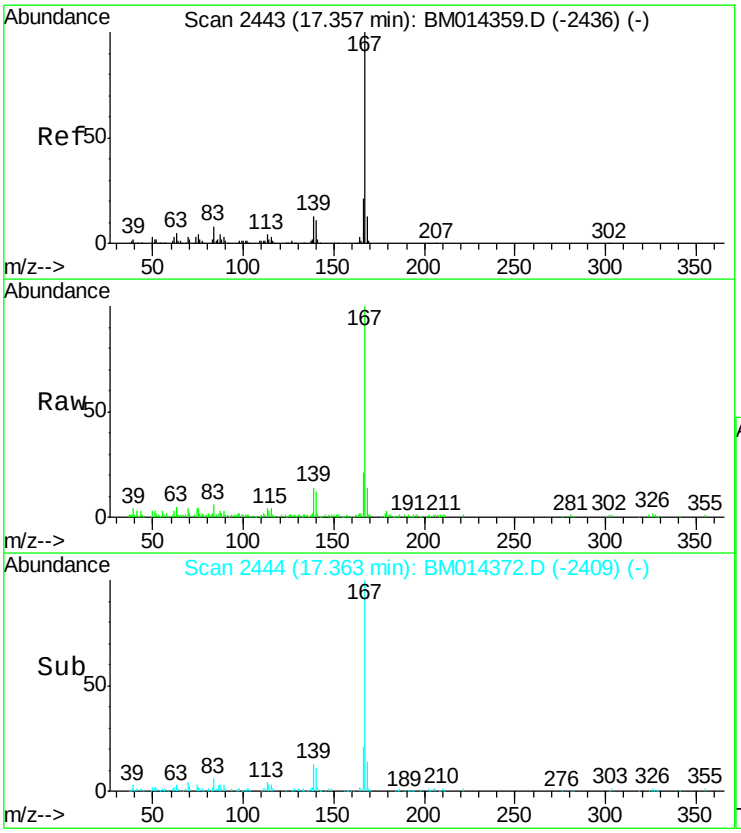
#71
Anthracene
Concen: 8.147 ng/ul
RT: 17.08 min Scan# 2396
Delta R.T. 0.01 min
Lab File: BM014372.D
Acq: 27 Feb 2018 00:35

Instrument :
BNA_M
ClientSampleId :
BE5Z8

Tgt Ion:178 Resp: 348318

Ion	Ratio	Lower	Upper
178	100		
179	17.2	11.7	17.5
176	16.7	14.6	21.8

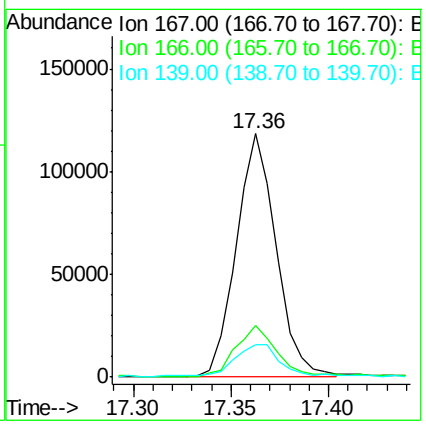


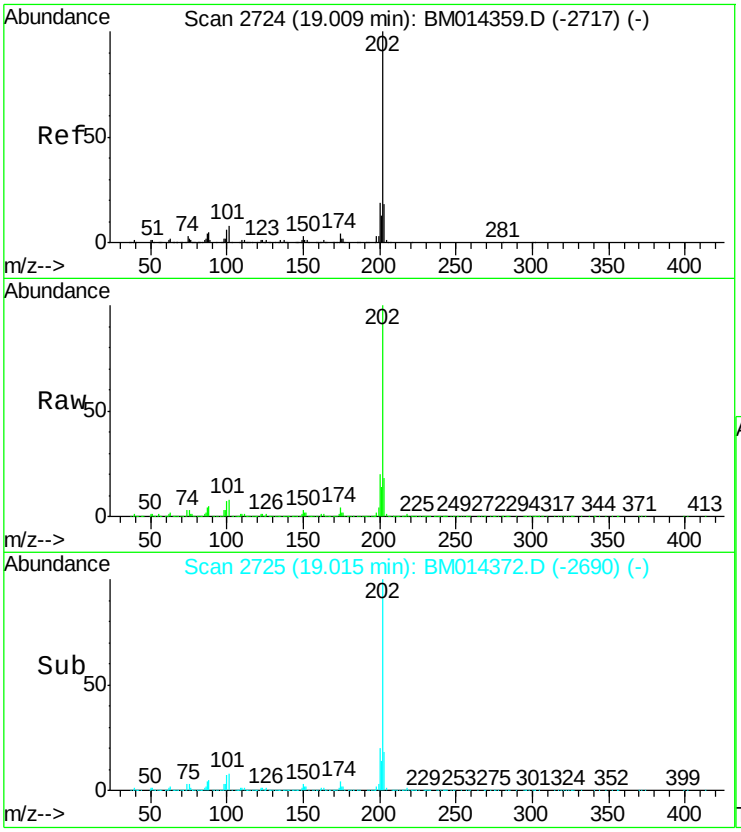


#72
Carbazole
Concen: 4.627 ng/ul
RT: 17.36 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BM014372.D
Acq: 27 Feb 2018 00:35

Tgt Ion:167 Resp: 166328

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.1	25.7
139	13.6	10.0	15.0



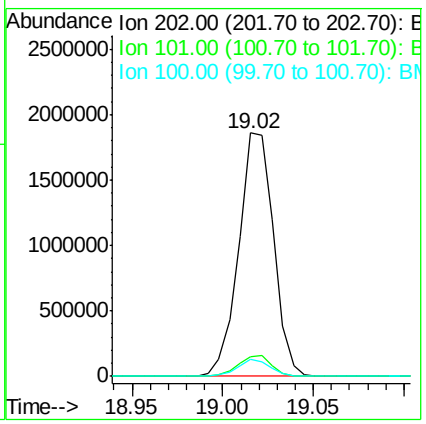


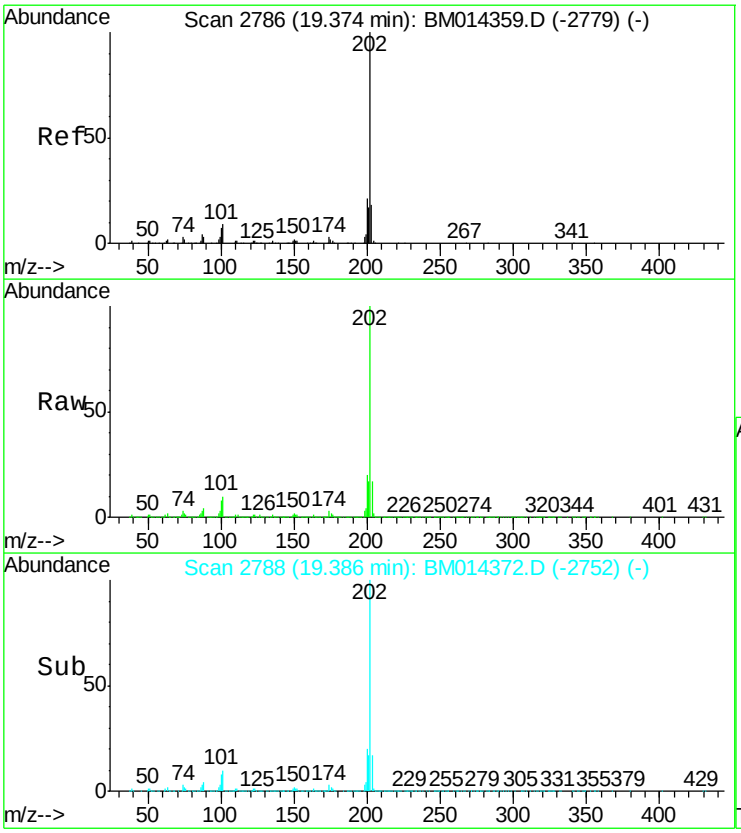
#74
Fluoranthene
Concen: 48.959 ng/ul
RT: 19.02 min Scan# 2725
Delta R.T. 0.01 min
Lab File: BM014372.D
Acq: 27 Feb 2018 00:35

Instrument :
BNA_M
ClientSampleId :
BE5Z8

Tgt Ion:202 Resp: 2486583

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

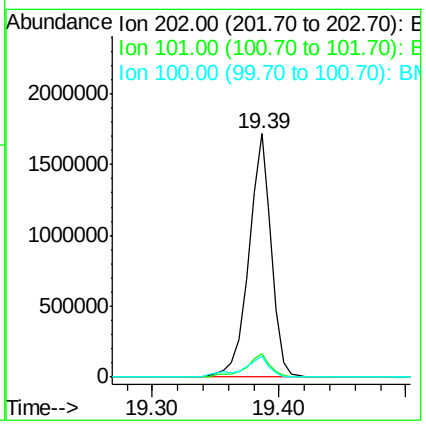


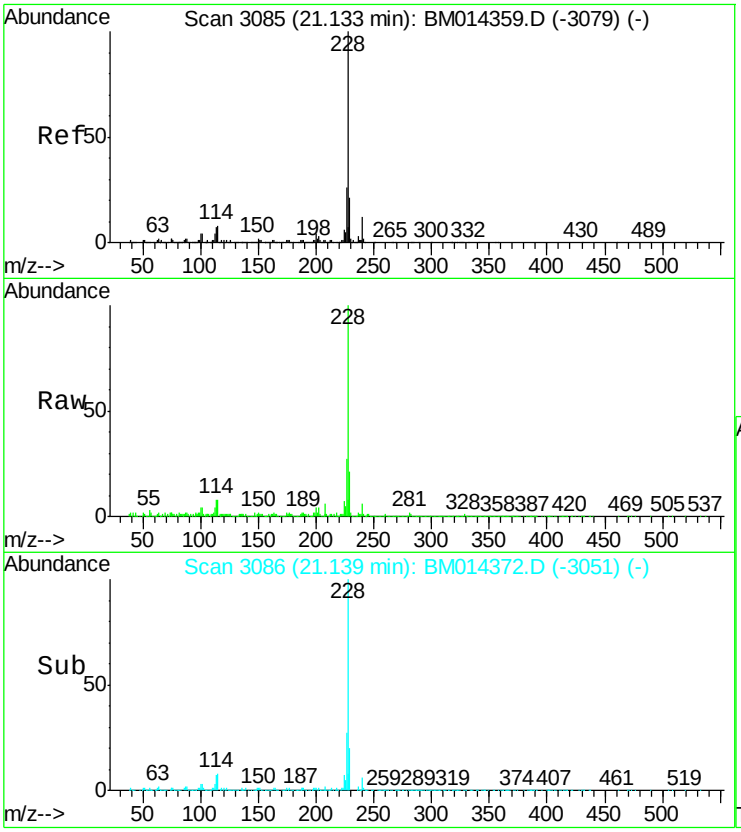


#77
Pyrene
Concen: 64.076 ng/ul
RT: 19.39 min Scan# 2788
Delta R.T. 0.01 min
Lab File: BM014372.D
Acq: 27 Feb 2018 00:35

Tgt Ion:202 Resp: 2112528

Ion	Ratio	Lower	Upper
202	100		
101	9.6	5.1	7.7#
100	8.3	4.9	7.3#



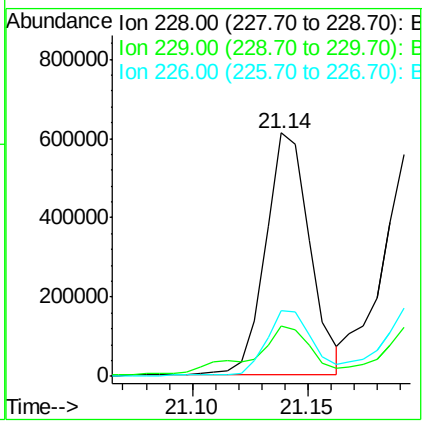


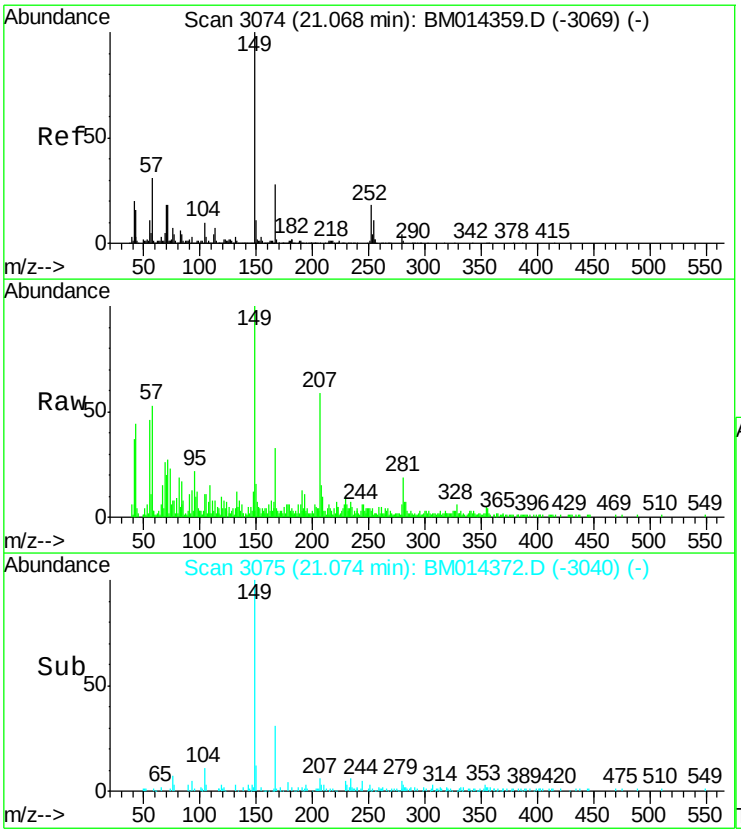
#80
Benzo(a)anthracene
Concen: 26.033 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. 0.01 min
Lab File: BM014372.D
Acq: 27 Feb 2018 00:35

Instrument :
BNA_M
ClientSampleId :
BE5Z8

Tgt Ion:228 Resp: 806024

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.4	23.0
226	26.9	21.4	32.0

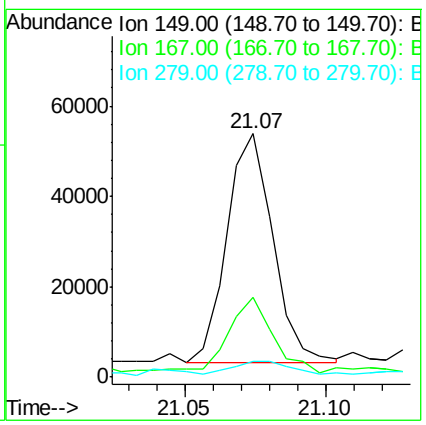


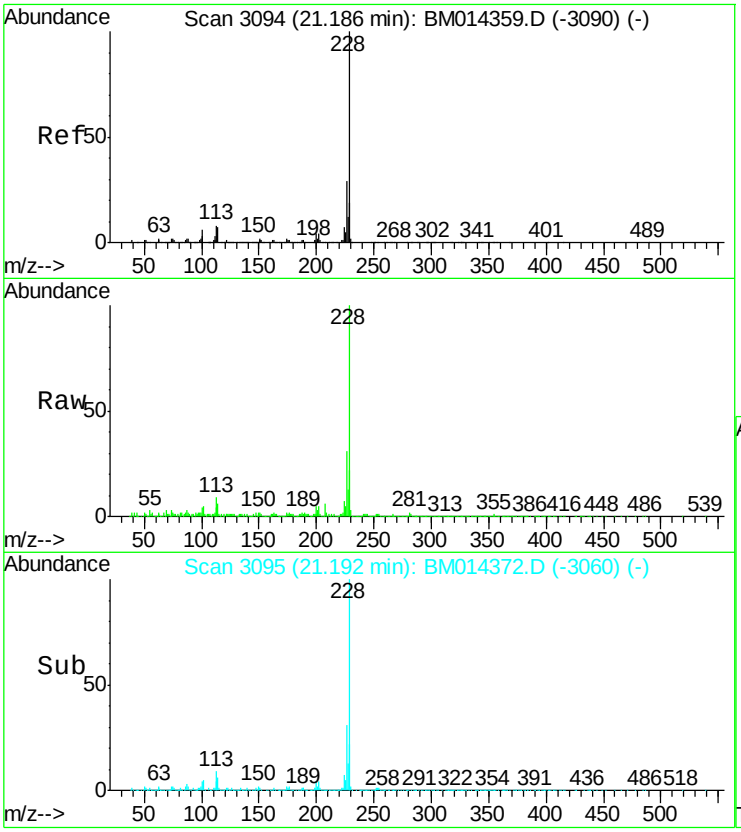


#81
Bis(2-ethylhexyl)phthalate
Concen: 2.953 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. 0.01 min
Lab File: BM014372.D
Acq: 27 Feb 2018 00:35

Tgt Ion:149 Resp: 57650

Ion	Ratio	Lower	Upper
149	100		
167	32.5	22.8	34.2
279	6.5	4.9	7.3



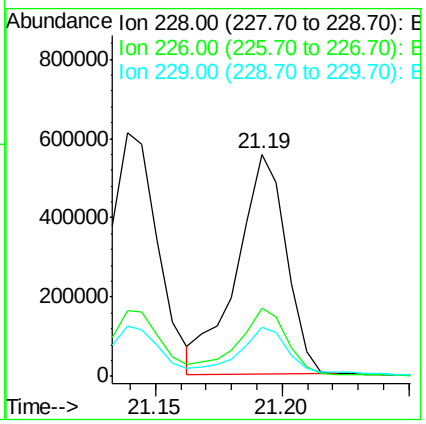


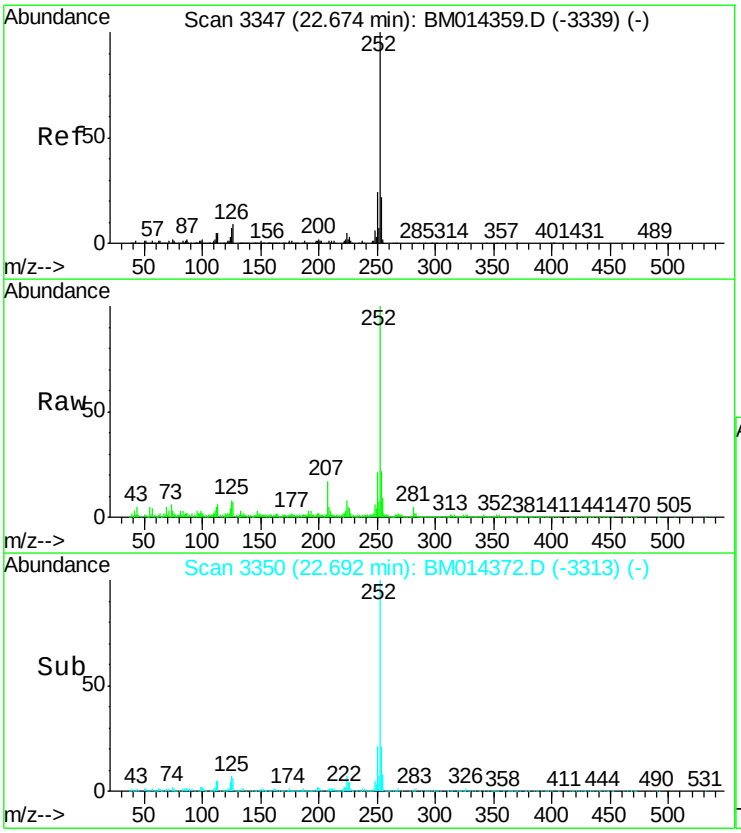
#82
Chrysene
Concen: 25.952 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BM014372.D
Acq: 27 Feb 2018 00:35

Instrument :
BNA_M
ClientSampleId :
BE5Z8

Tgt Ion:228 Resp: 749557

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.2
229	22.3	15.5	23.3

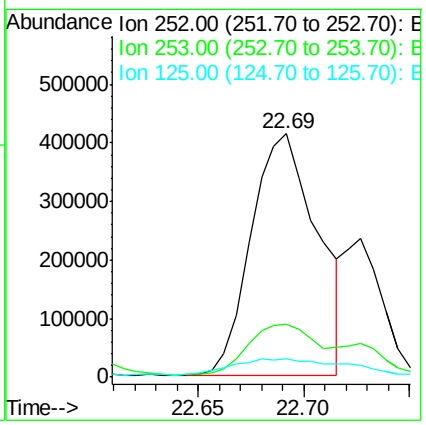


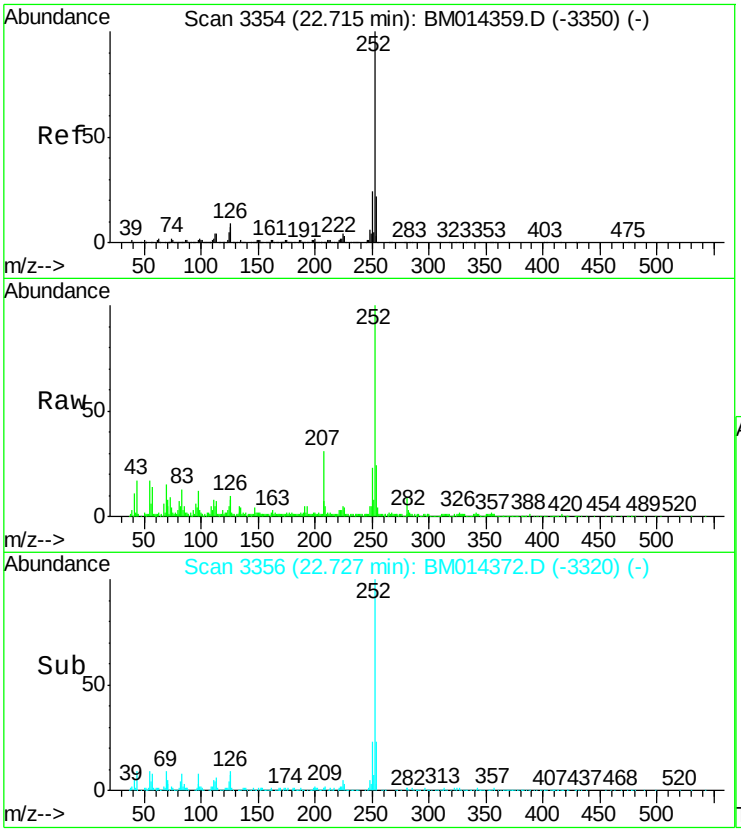


#85
Benzo(b)fluoranthene
Concen: 28.491 ng/ul
RT: 22.69 min Scan# 3350
Delta R.T. 0.02 min
Lab File: BM014372.D
Acq: 27 Feb 2018 00:35

Tgt Ion:252 Resp: 902986

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	7.8	3.6	5.4#



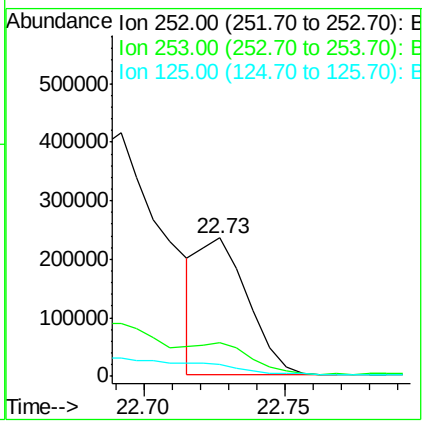


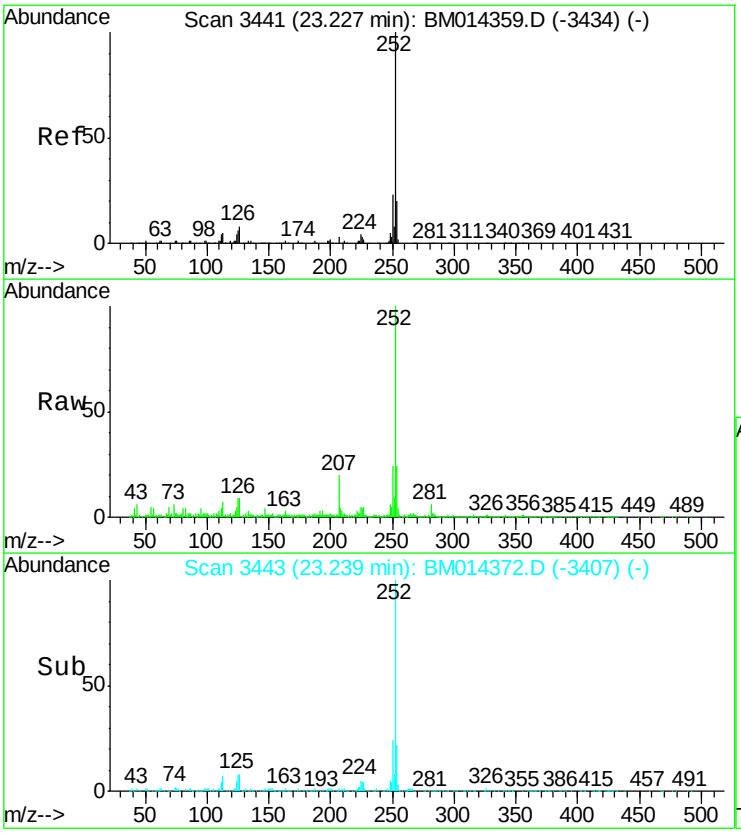
#86
Benzo(k)fluoranthene
Concen: 9.468 ng/ul
RT: 22.73 min Scan# 3356
Delta R.T. 0.01 min
Lab File: BM014372.D
Acq: 27 Feb 2018 00:35

Instrument :
BNA_M
ClientSampleId :
BE5Z8

Tgt Ion:252 Resp: 285304

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	8.2	3.4	5.2#

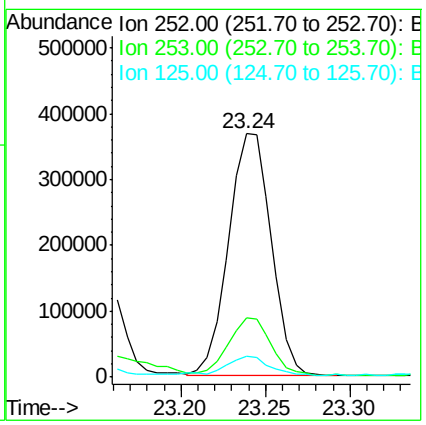


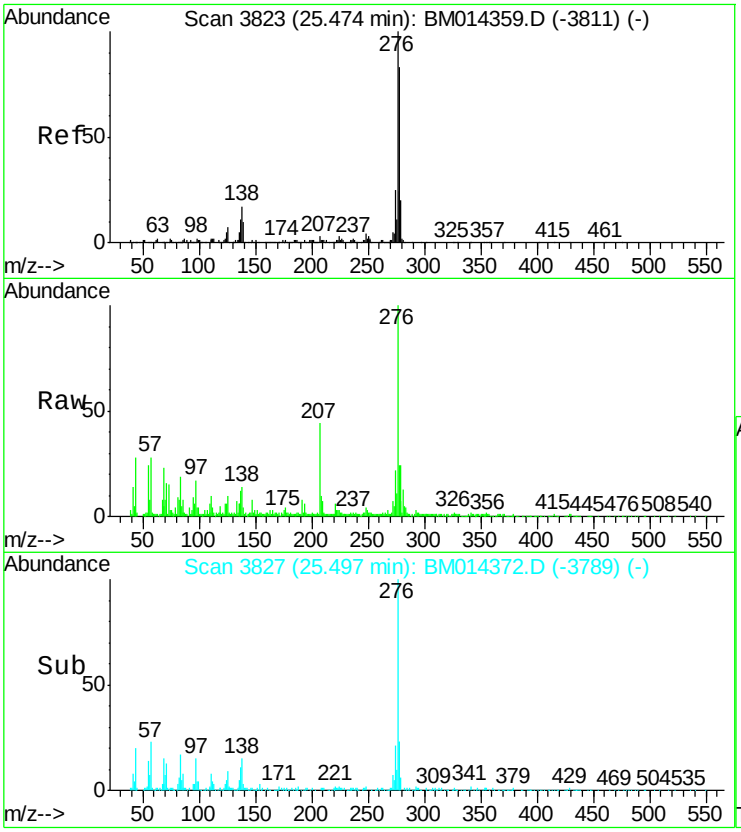


#88
Benzo(a)pyrene
Concen: 22.814 ng/ul
RT: 23.24 min Scan# 3443
Delta R.T. 0.01 min
Lab File: BM014372.D
Acq: 27 Feb 2018 00:35

Tgt Ion:252 Resp: 646114

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.2
125	8.7	4.0	6.0#



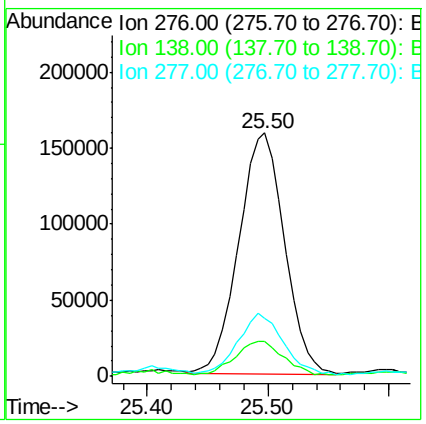


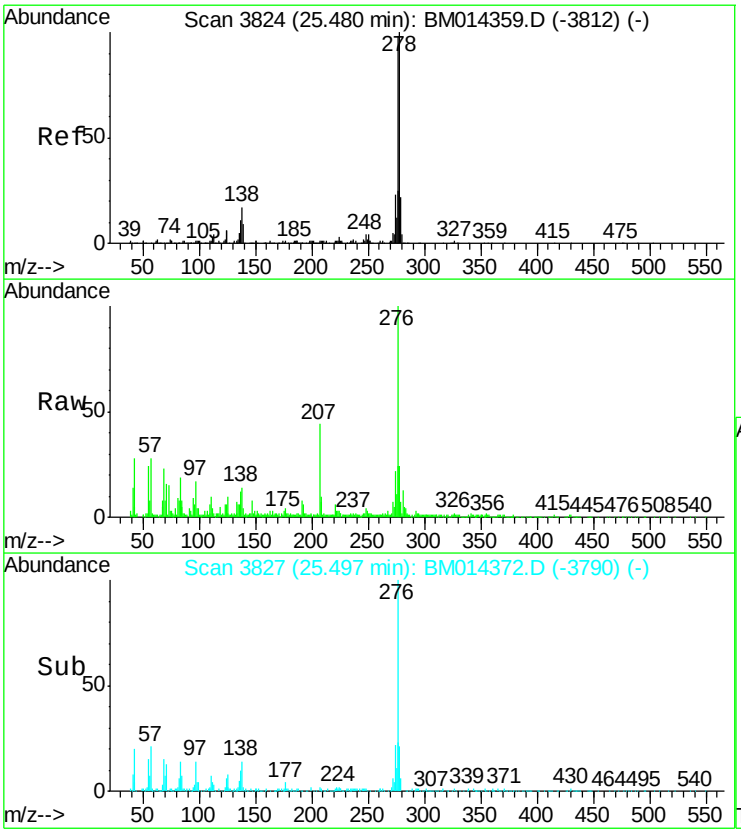
#89
Indeno(1,2,3-cd)pyrene
Concen: 15.100 ng/ul
RT: 25.50 min Scan# 3827
Delta R.T. 0.02 min
Lab File: BM014372.D
Acq: 27 Feb 2018 00:35

Instrument :
BNA_M
ClientSampleId :
BE5Z8

Tgt Ion:276 Resp: 414969

Ion	Ratio	Lower	Upper
276	100		
138	14.4	9.3	13.9#
277	23.7	19.9	29.9

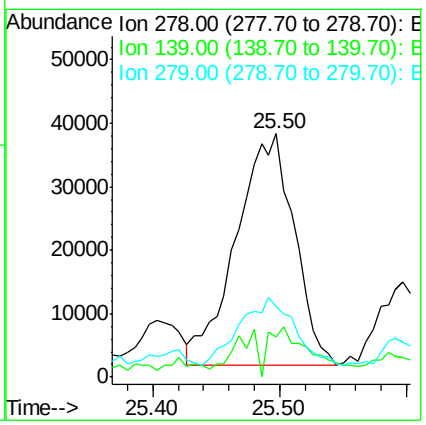


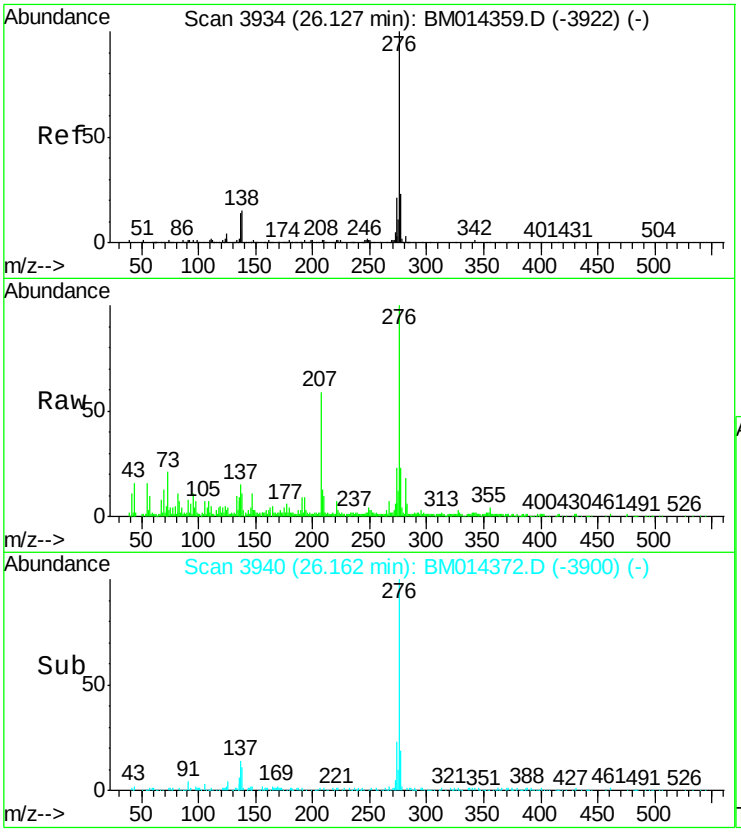


#90
Dibenzo(a,h)anthracene
Concen: 5.034 ng/ul
RT: 25.50 min Scan# 3827
Delta R.T. 0.02 min
Lab File: BM014372.D
Acq: 27 Feb 2018 00:35

Tgt Ion:278 Resp: 114957

Ion	Ratio	Lower	Upper
278	100		
139	16.4	5.8	8.8#
279	29.2	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 14.430 ng/ul
RT: 26.16 min Scan# 3940
Delta R.T. 0.04 min
Lab File: BM014372.D
Acq: 27 Feb 2018 00:35

Instrument :
BNA_M
ClientSampleId :
BE5Z8

Tgt Ion:276 Resp: 321257

Ion	Ratio	Lower	Upper
276	100		
138	11.3	8.5	12.7
277	22.6	18.6	28.0