Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
Data File : BM011744.D
Acq On : 28 Sep 2017 03:46
Operator : SJ/JU
Sample : I5377-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 28 05:19:20 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 05:09:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	276990	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	1231027	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	673893	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1416130	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	1111610	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	970301	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	22890	3.68	ng/uL	0.00
5) Phenol-d5	7.09	99	541694	19.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	435777	22.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	453312	22.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	447843	20.99	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	227235	23.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	235132	22.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	424195	21.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	352082	16.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	1368096	23.67	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	1680786	24.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	74126	7.50	ng/ul	0.00
57) Fluorene-d10	15.56	176	1169822	23.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	80473	8.39	ng/ul	0.00
70) Anthracene-d10	17.41	188	1717089	23.83	ng/ul	0.00
76) Pyrene-d10	19.70	212	1771179	33.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	1123830	24.19	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.79	128	212602	3.304	ng/ul	99
34) 2-Methylnaphthalene	12.40	142	109729	2.406	ng/ul	97
44) Dimethylphthalate	14.02	163	273697	4.951	ng/ul	98
49) Acenaphthene	14.63	153	194130	4.065	ng/ul	97
53) Dibenzofuran	14.97	168	119444	1.821	ng/ul	93
58) Fluorene	15.62	166	177114	3.189	ng/ul	95
69) Phenanthrene	17.36	178	2976072	37.549	ng/ul	98
71) Anthracene	17.44	178	570233	6.983	ng/ul	98
72) Carbazole	17.72	167	175252	2.450	ng/ul#	94
73) Di-n-butylphthalate	18.26	149	145443	1.579	ng/ul	99
74) Fluoranthene	19.37	202	4597515	47.510	ng/ul#	91
77) Pyrene	19.73	202	4496510	67.879	ng/ul#	90
80) Benzo(a)anthracene	21.47	228	1939367	31.184	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.37	149	50793	1.229	ng/ul#	96
82) Chrysene	21.52	228	1871343	31.904	ng/ul	97
85) Benzo(b)fluoranthene	23.13	252	2500722	43.681	ng/ul#	95
86) Benzo(k)fluoranthene	23.13	252	2500722	42.819	ng/ul#	93
88) Benzo(a)pyrene	23.74	252	1726614	31.226	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.27	276	1235160	21.455	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.27	278	345564	7.167	ng/ul#	88
91) Benzo(g,h,i)perylene	27.01	276	1245063	26.055	ng/ul#	92

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
Data File : BM011744.D
Acq On : 28 Sep 2017 03:46
Operator : SJ/JU
Sample : I5377-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 28 05:19:20 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 05:09:12 2017
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\BM092717\
Data File : BM011744.D
Acq On : 28 Sep 2017 03:46
Operator : SJ/JU
Sample : I5377-14
Misc :
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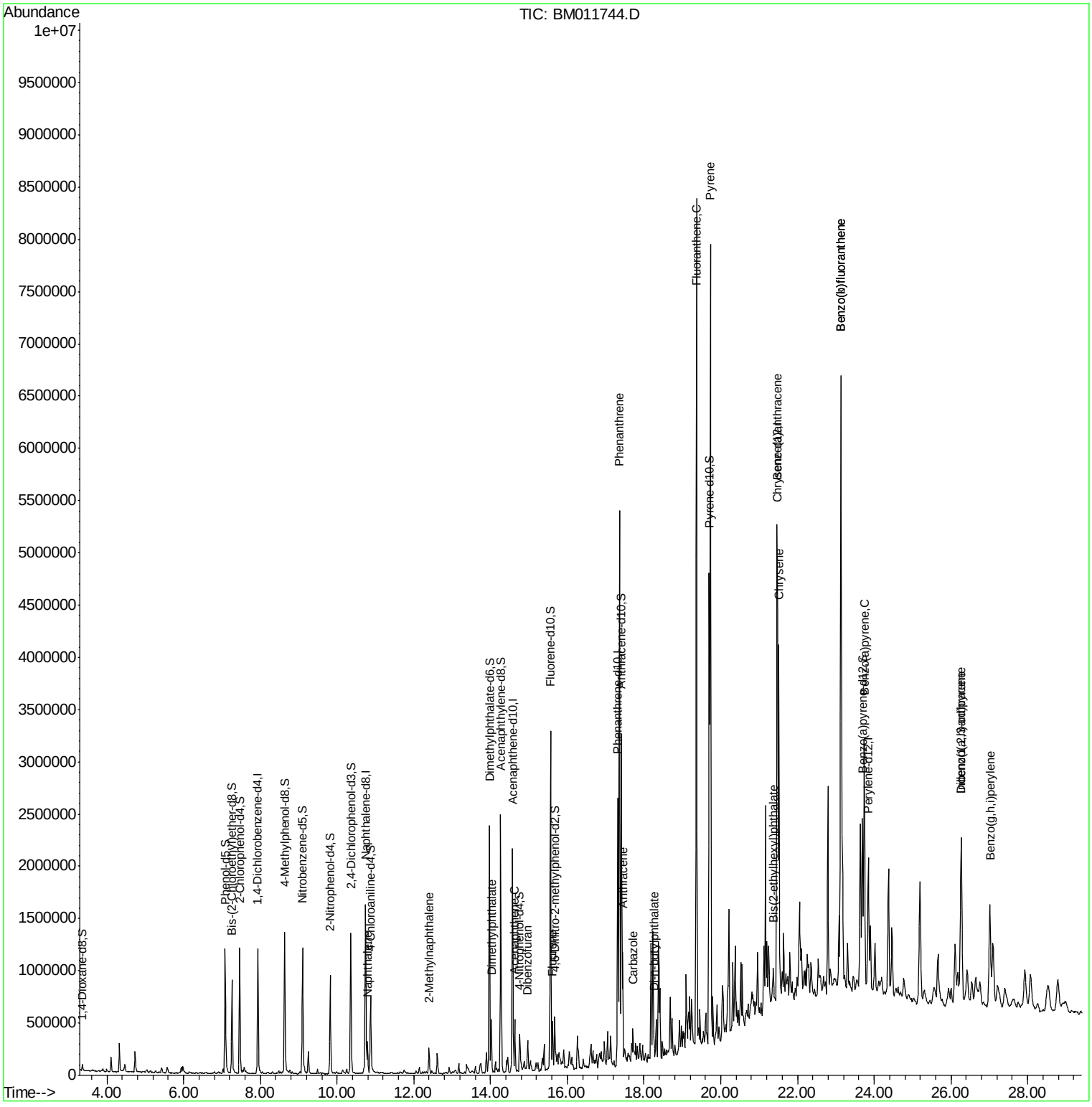
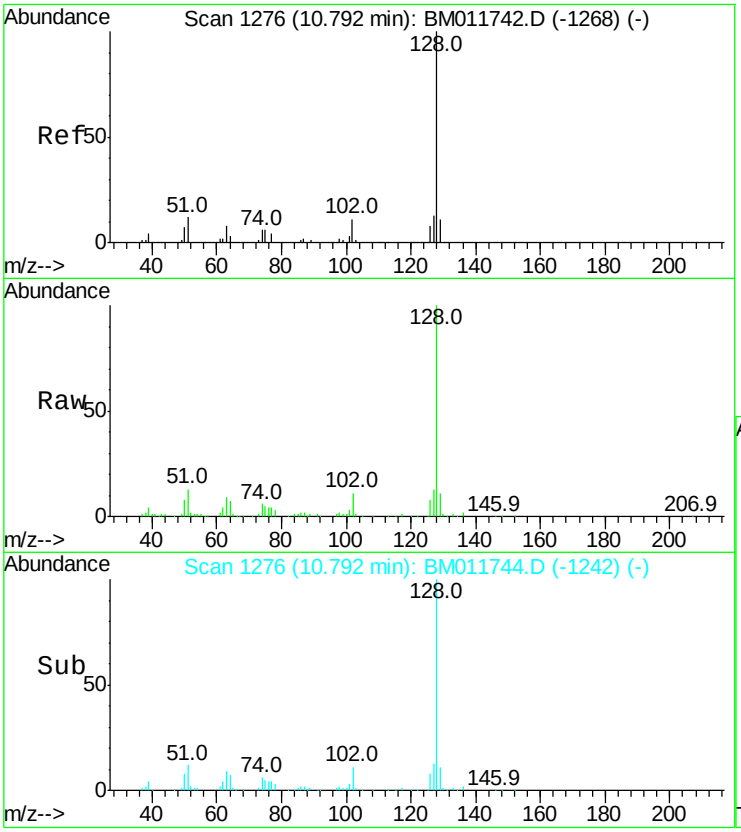
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 05:09:12 2017
Response via : Initial Calibration



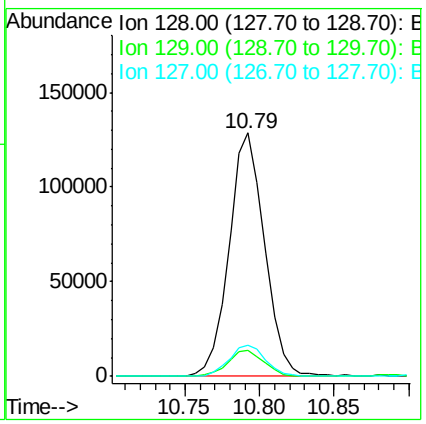


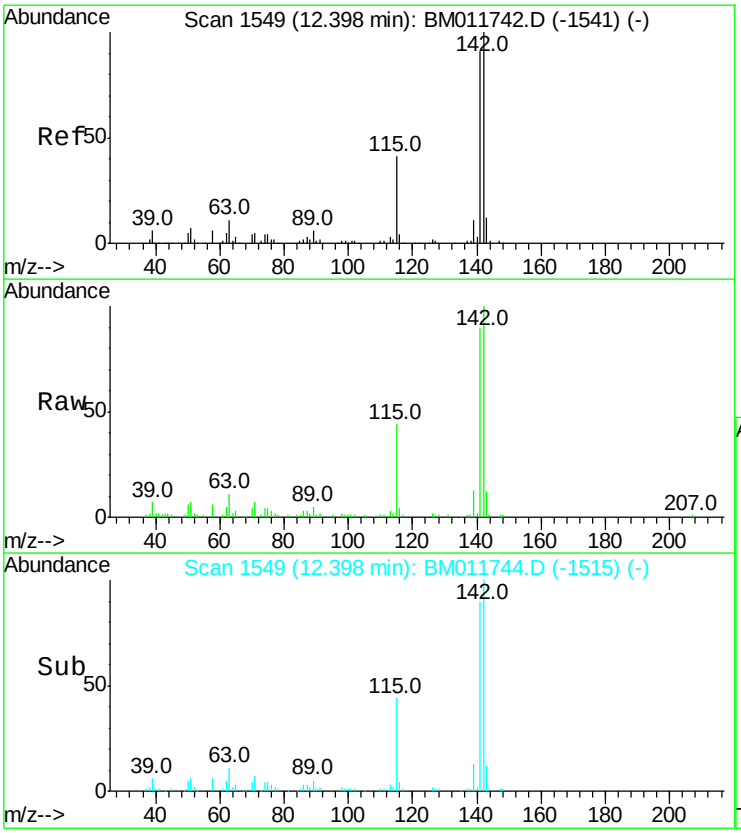
#28
Naphthalene
Concen: 3.304 ng/ul
RT: 10.79 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BM011744.D
Acq: 28 Sep 2017 03:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 212602

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.6	10.6	16.0

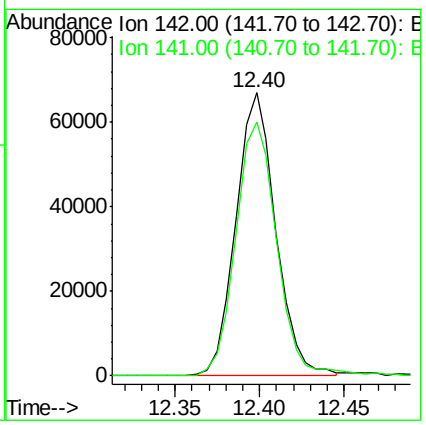


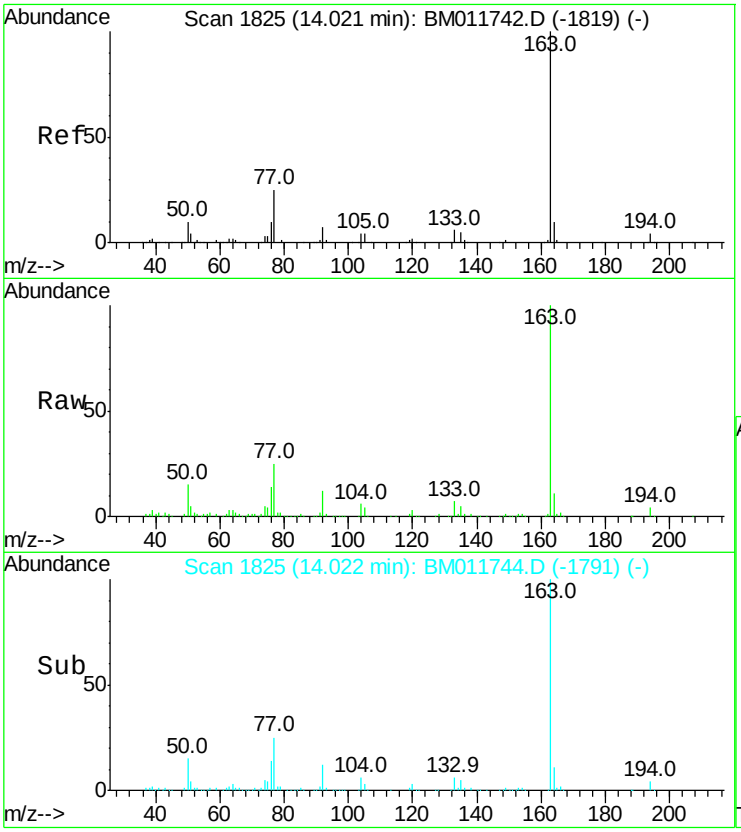


#34
2-Methylnaphthalene
Concen: 2.406 ng/ul
RT: 12.40 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BM011744.D
Acq: 28 Sep 2017 03:46

Tgt Ion:142 Resp: 109729

Ion	Ratio	Lower	Upper
142	100		
141	89.8	74.1	111.1



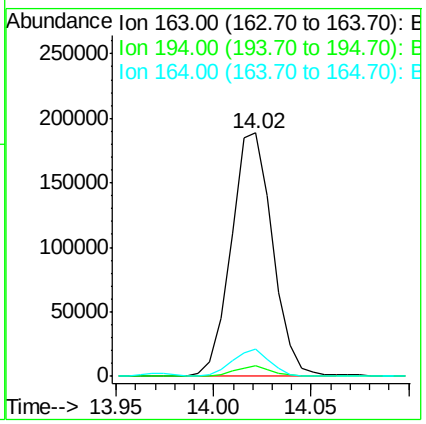


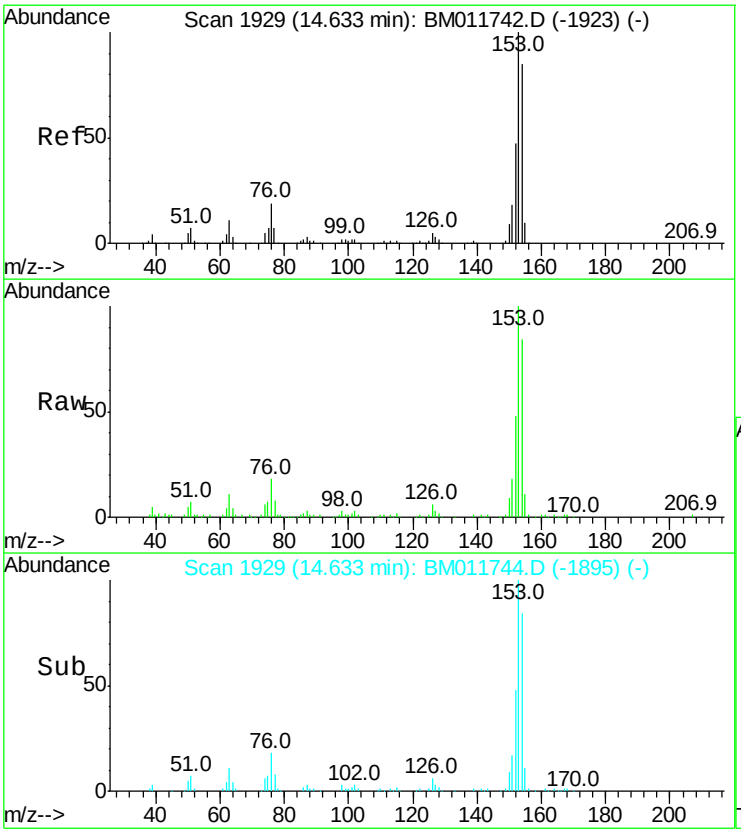
#44
Dimethylphthalate
Concen: 4.951 ng/ul
RT: 14.02 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BM011744.D
Acq: 28 Sep 2017 03:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 273697

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	11.0	8.2	12.4

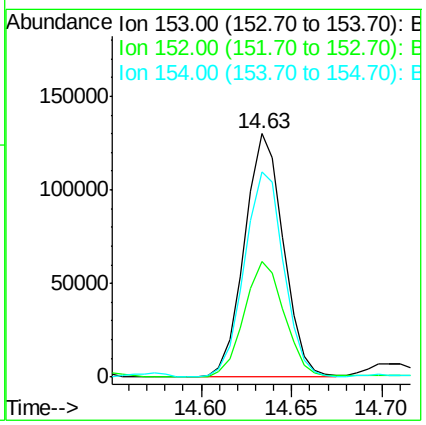


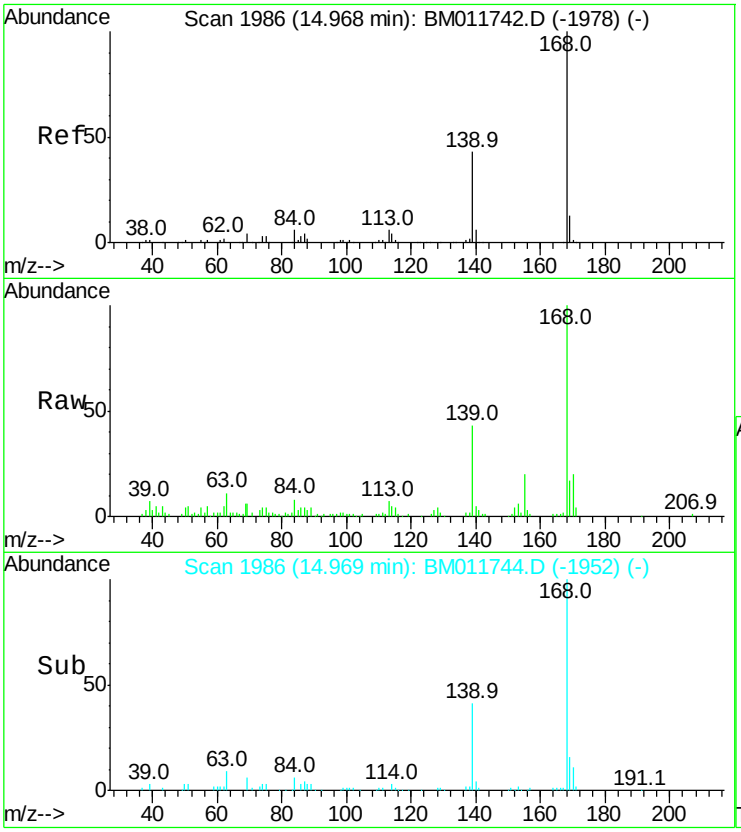


#49
Acenaphthene
Concen: 4.065 ng/ul
RT: 14.63 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BM011744.D
Acq: 28 Sep 2017 03:46

Tgt Ion:153 Resp: 194130

Ion	Ratio	Lower	Upper
153	100		
152	47.6	37.6	56.4
154	84.0	70.4	105.6



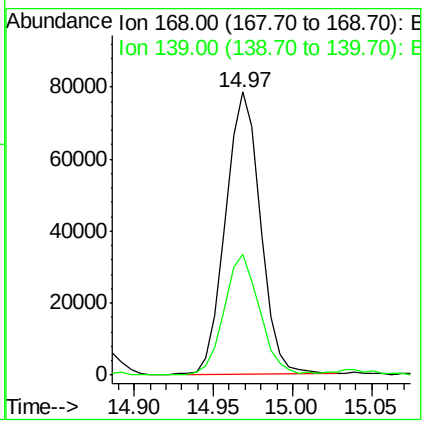


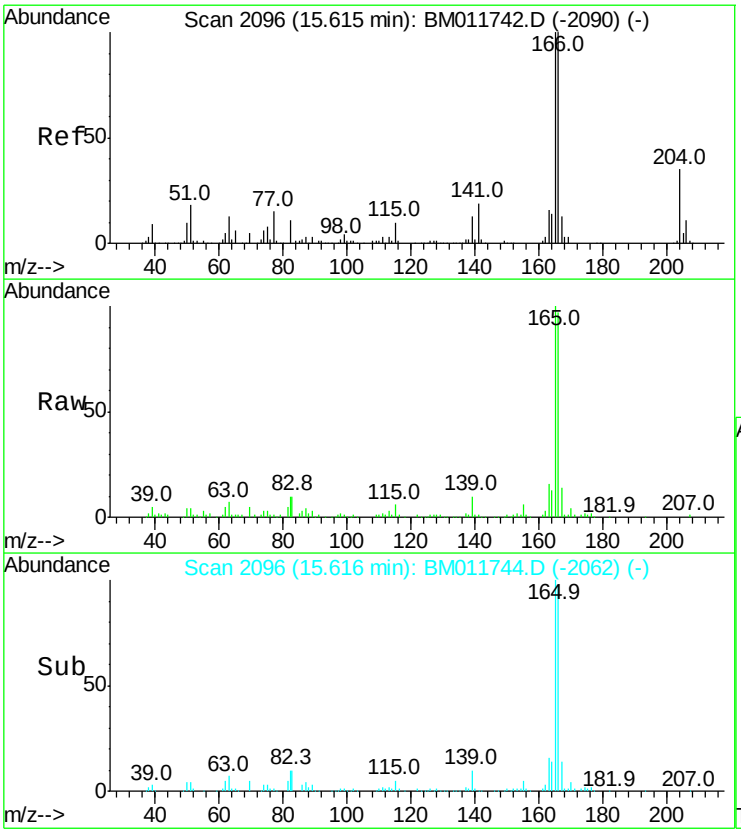
#53
Dibenzofuran
Concen: 1.821 ng/ul
RT: 14.97 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BM011744.D
Acq: 28 Sep 2017 03:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 119444

Ion	Ratio	Lower	Upper
168	100		
139	42.7	30.8	46.2

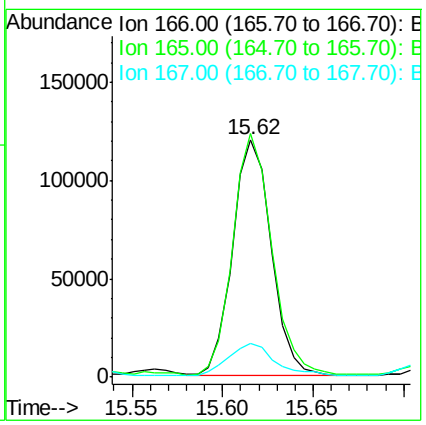


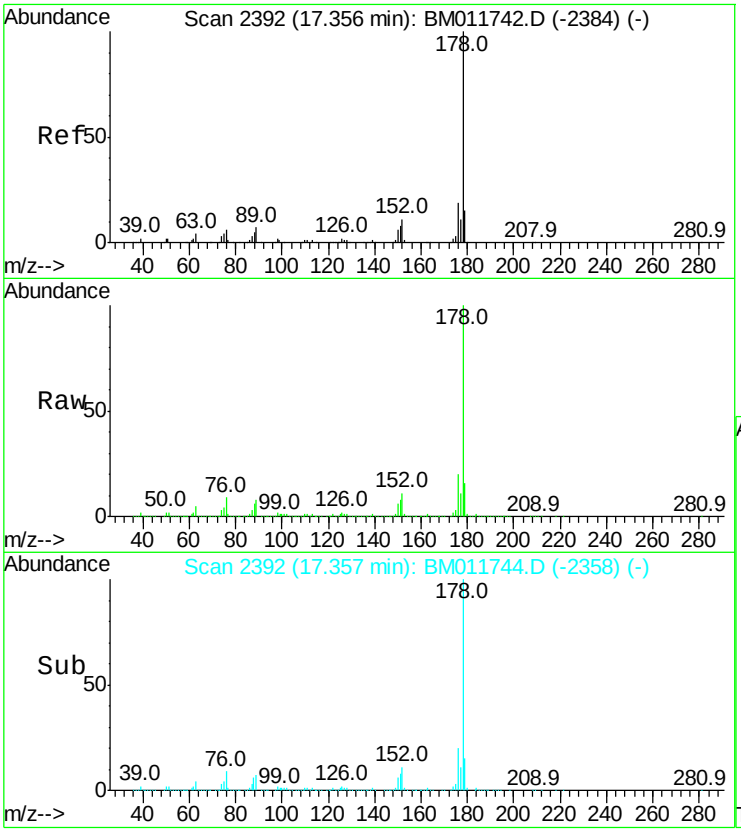


#58
Fluorene
Concen: 3.189 ng/ul
RT: 15.62 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM011744.D
Acq: 28 Sep 2017 03:46

Tgt Ion:166 Resp: 177114

Ion	Ratio	Lower	Upper
166	100		
165	102.6	77.9	116.9
167	14.4	10.6	16.0



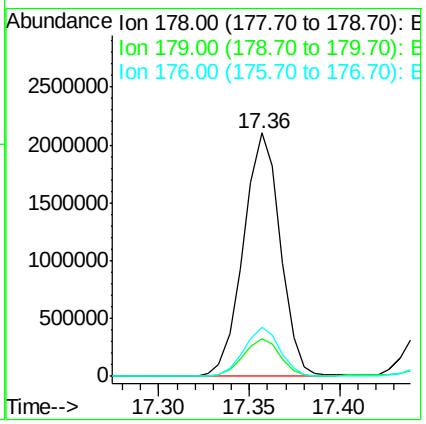


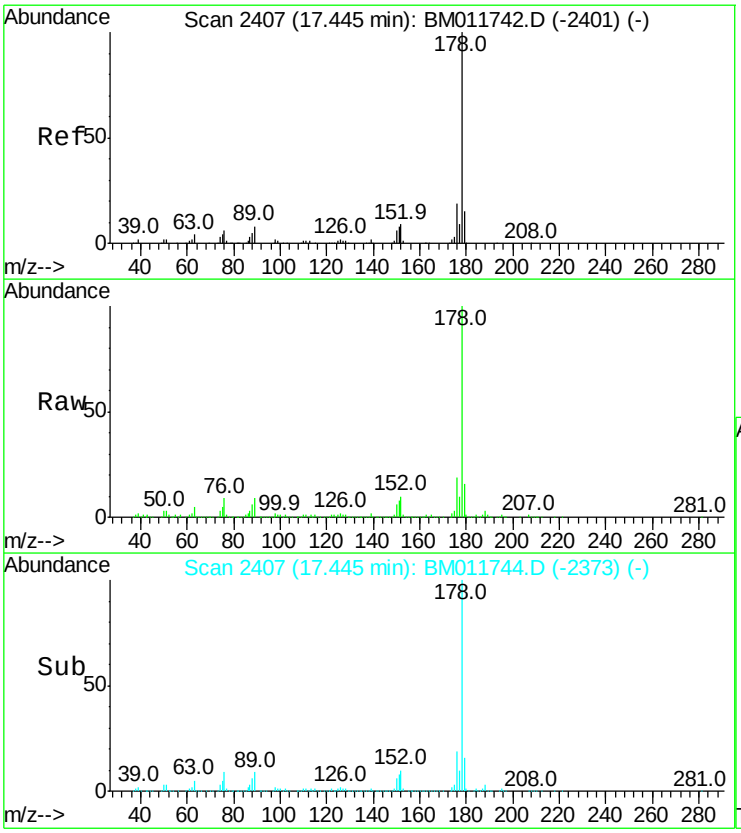
#69
Phenanthrene
Concen: 37.549 ng/ul
RT: 17.36 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM011744.D
Acq: 28 Sep 2017 03:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 2976072

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	20.1	14.9	22.3

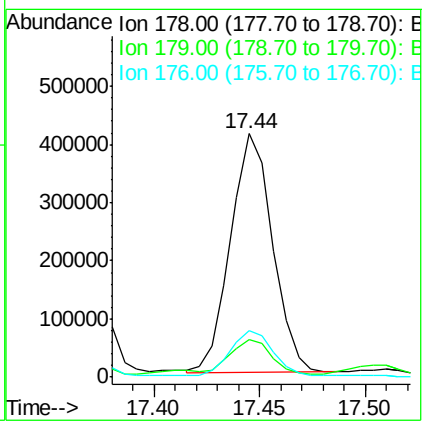


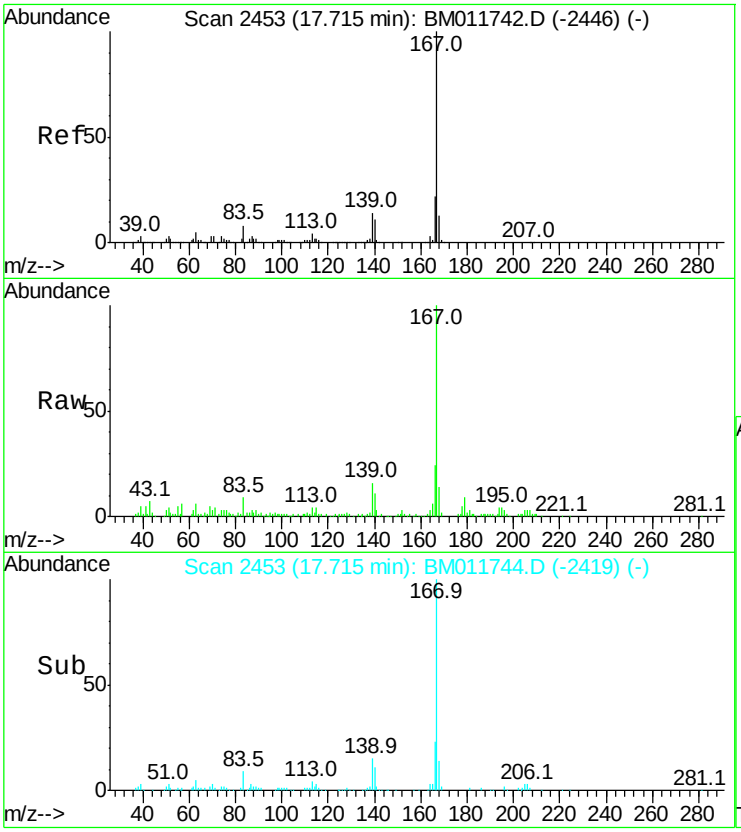


#71
Anthracene
Concen: 6.983 ng/ul
RT: 17.44 min Scan# 2407
Delta R.T. 0.00 min
Lab File: BM011744.D
Acq: 28 Sep 2017 03:46

Tgt Ion:178 Resp: 570233

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.7	17.5
176	19.0	14.6	21.8



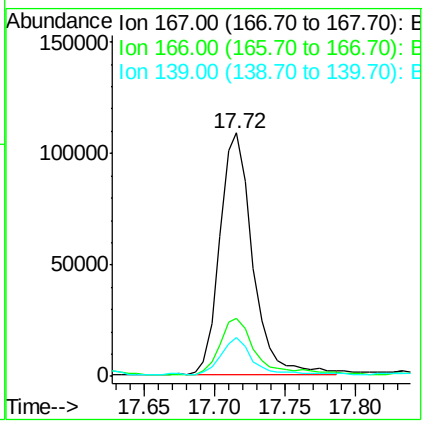


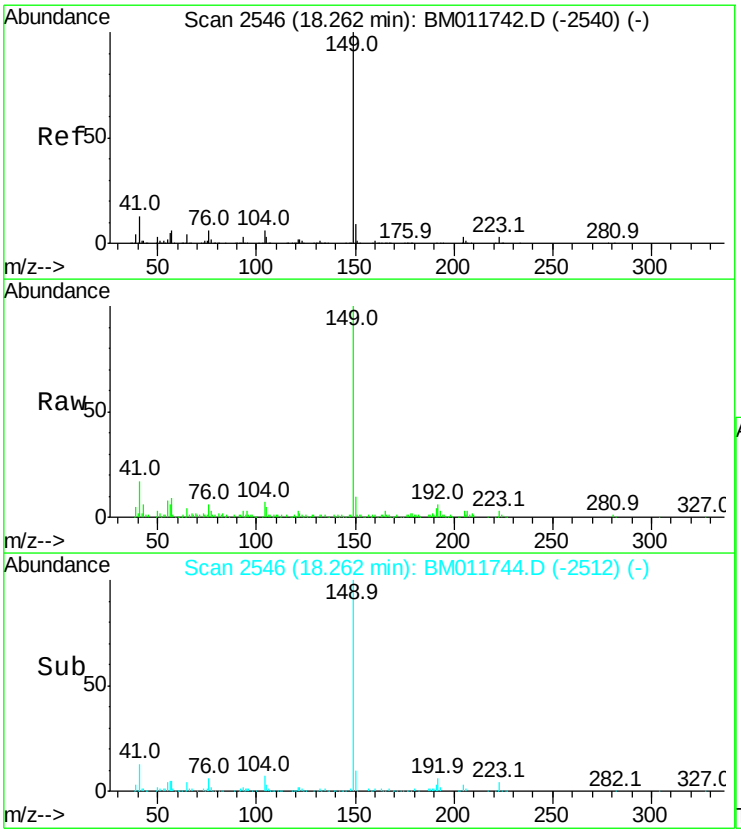
#72
Carbazole
Concen: 2.450 ng/ul
RT: 17.72 min Scan# 2453
Delta R.T. 0.00 min
Lab File: BM011744.D
Acq: 28 Sep 2017 03:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 175252

Ion	Ratio	Lower	Upper
167	100		
166	23.9	17.1	25.7
139	15.7	10.0	15.0#

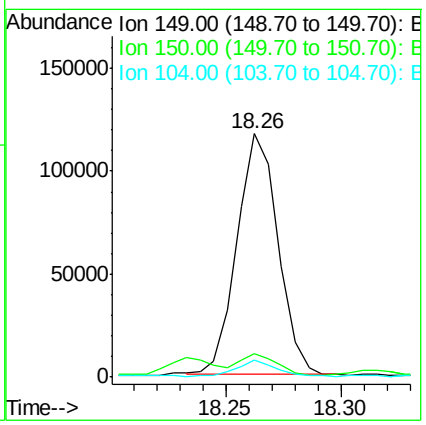


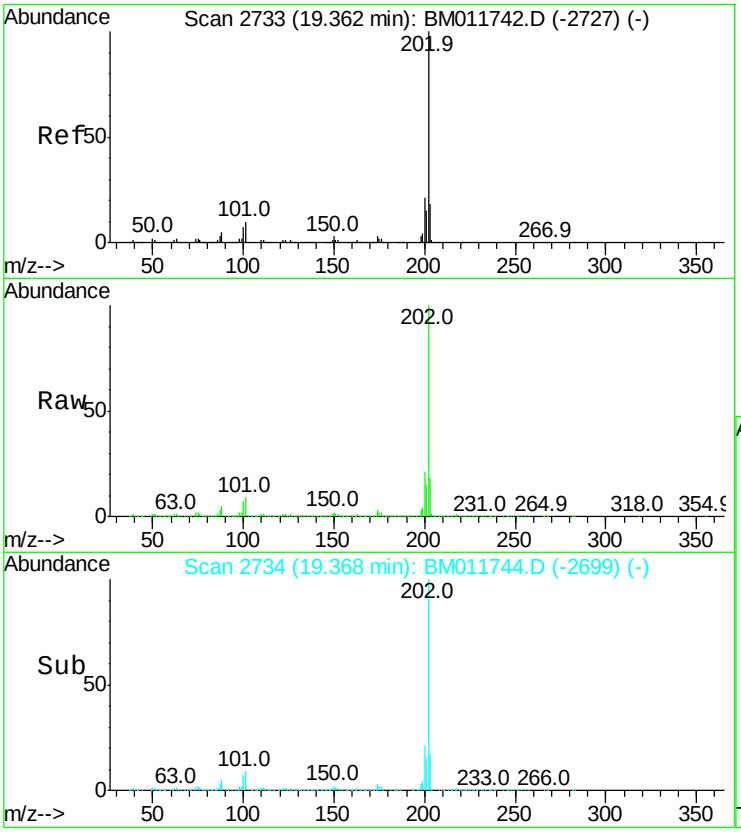


#73
Di-n-butylphthalate
Concen: 1.579 ng/ul
RT: 18.26 min Scan# 2546
Delta R.T. 0.00 min
Lab File: BM011744.D
Acq: 28 Sep 2017 03:46

Tgt Ion:149 Resp: 145443

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.1	10.7
104	7.2	5.6	8.4



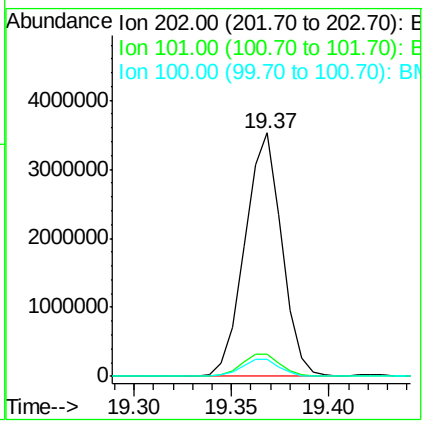


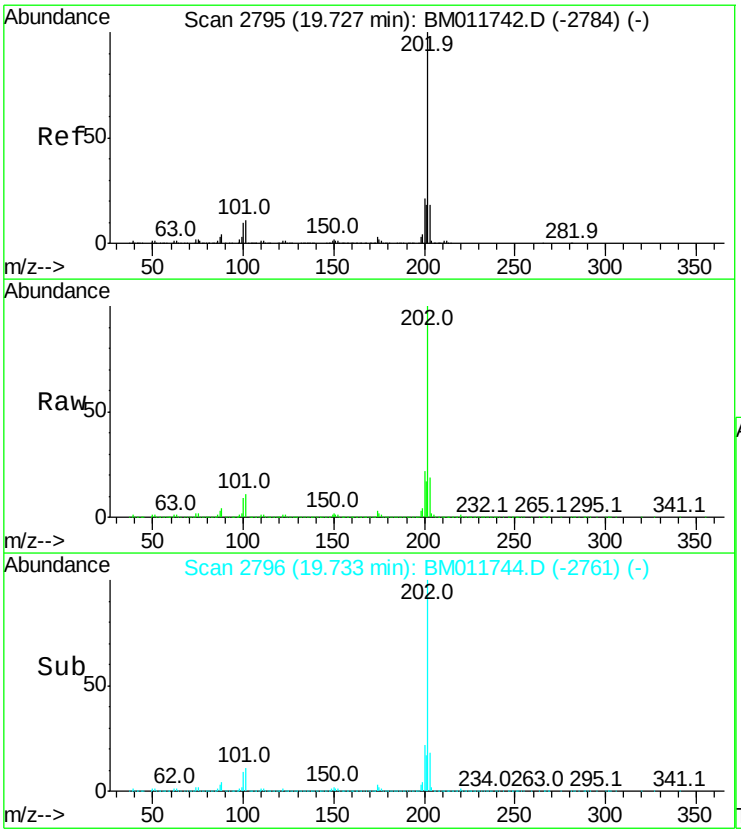
#74
Fluoranthene
Concen: 47.510 ng/ul
RT: 19.37 min Scan# 2734
Delta R.T. 0.01 min
Lab File: BM011744.D
Acq: 28 Sep 2017 03:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 4597515

Ion	Ratio	Lower	Upper
202	100		
101	9.2	4.6	7.0#
100	7.1	3.4	5.2#

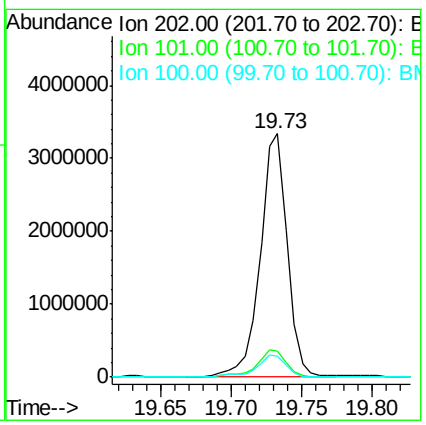


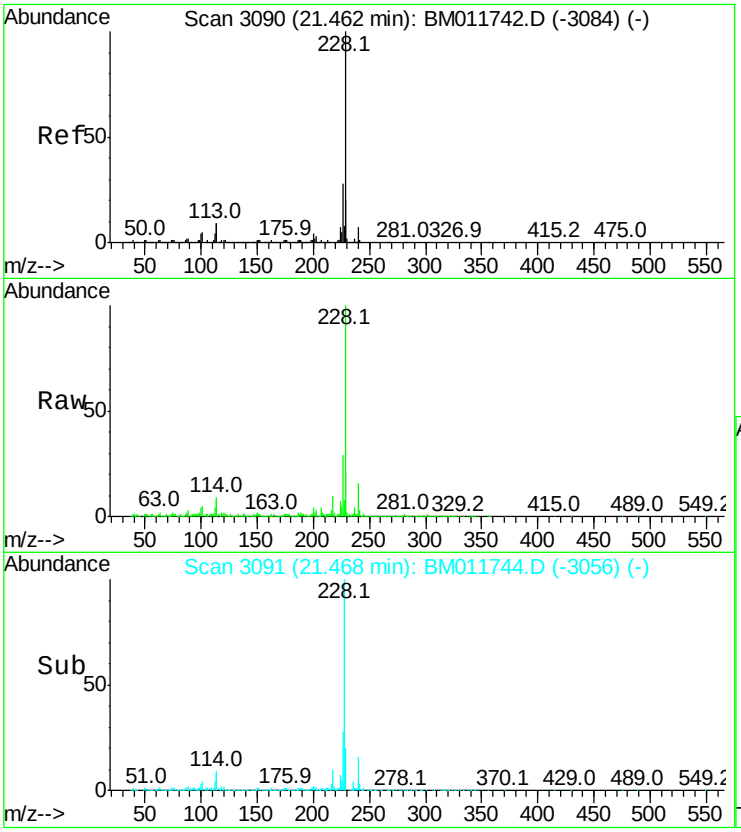


#77
Pyrene
Concen: 67.879 ng/ul
RT: 19.73 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BM011744.D
Acq: 28 Sep 2017 03:46

Tgt Ion:202 Resp: 4496510

Ion	Ratio	Lower	Upper
202	100		
101	10.6	5.1	7.7#
100	8.6	4.9	7.3#



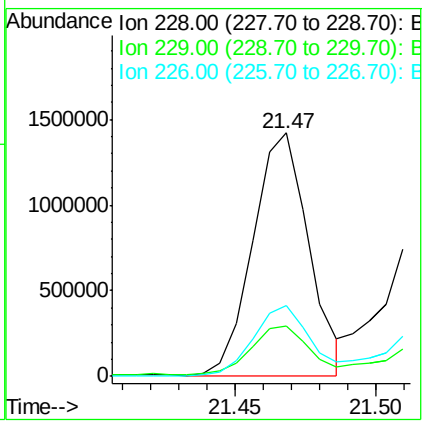


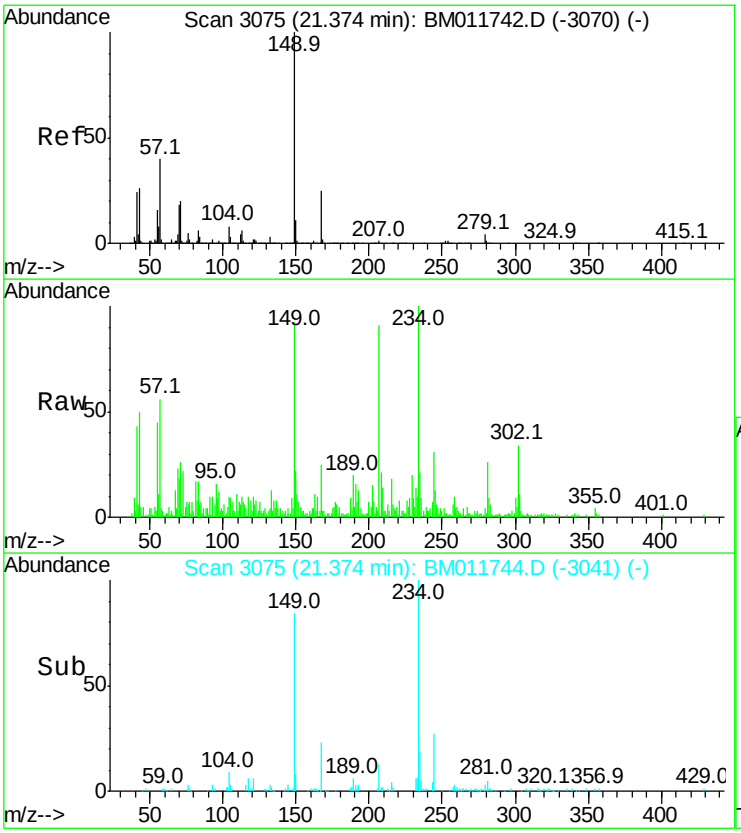
#80
Benzo(a)anthracene
Concen: 31.184 ng/ul
RT: 21.47 min Scan# 3091
Delta R.T. 0.01 min
Lab File: BM011744.D
Acq: 28 Sep 2017 03:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1939367

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.4	23.0
226	28.9	21.4	32.0

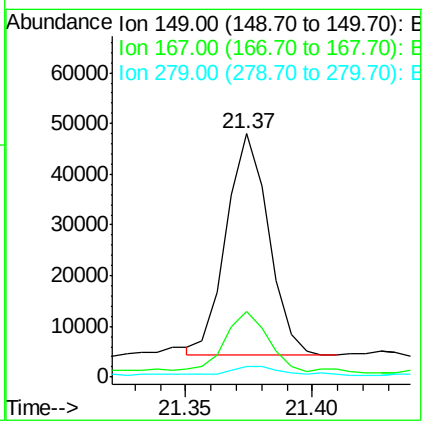


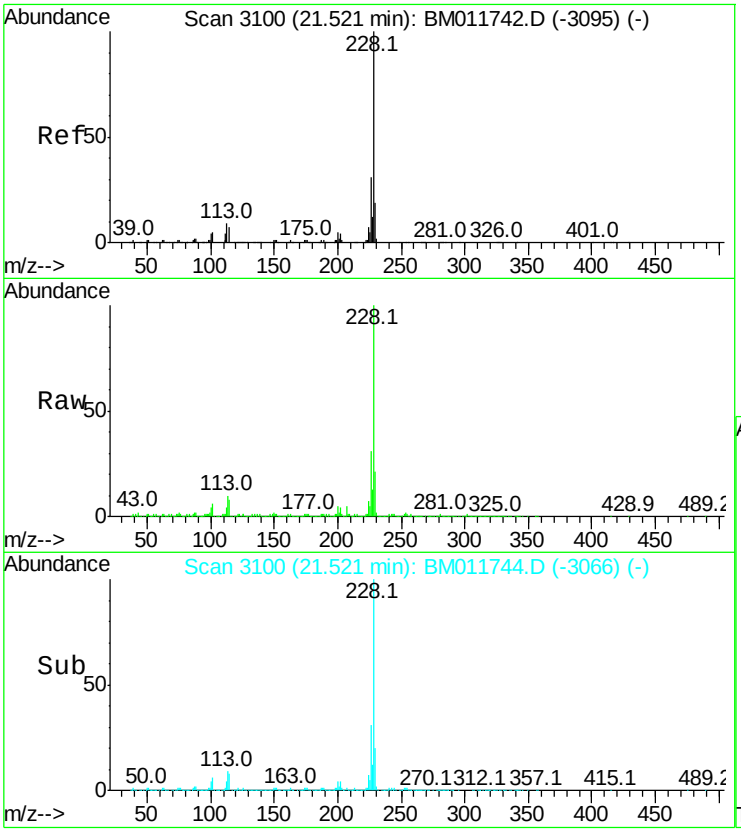


#81
Bis(2-ethylhexyl)phthalate
Concen: 1.229 ng/ul
RT: 21.37 min Scan# 3075
Delta R.T. 0.00 min
Lab File: BM011744.D
Acq: 28 Sep 2017 03:46

Tgt Ion:149 Resp: 50793

Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.8	34.2
279	4.2	4.9	7.3#



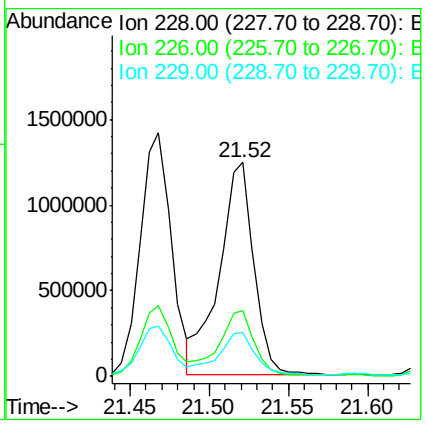


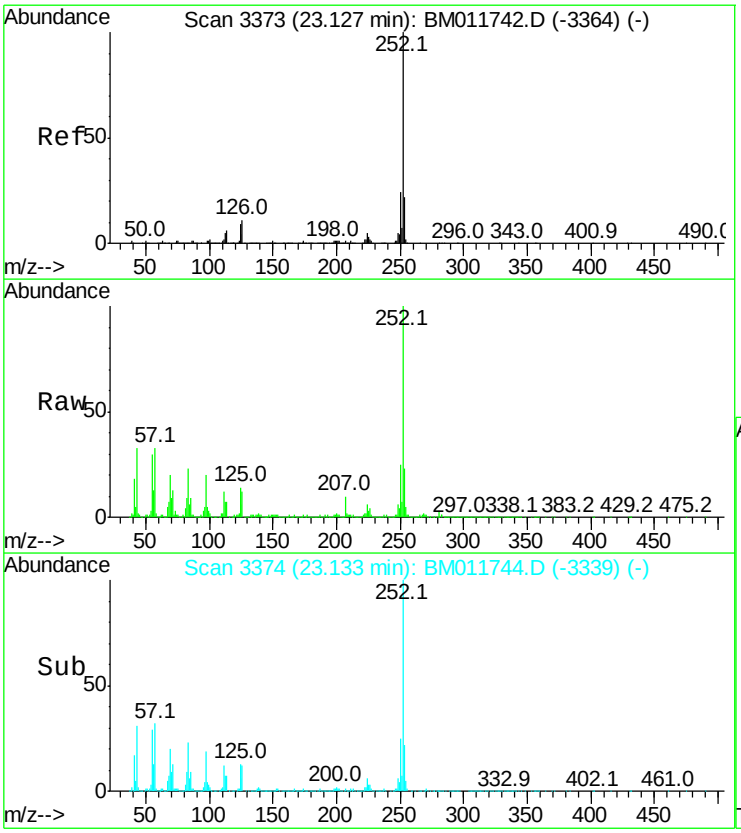
#82
Chrysene
Concen: 31.904 ng/ul
RT: 21.52 min Scan# 3100
Delta R.T. 0.00 min
Lab File: BM011744.D
Acq: 28 Sep 2017 03:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1871343

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.2
229	20.7	15.5	23.3

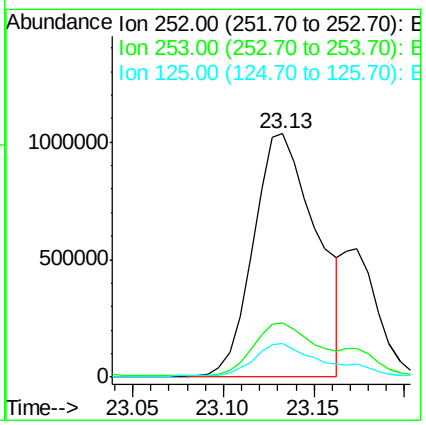


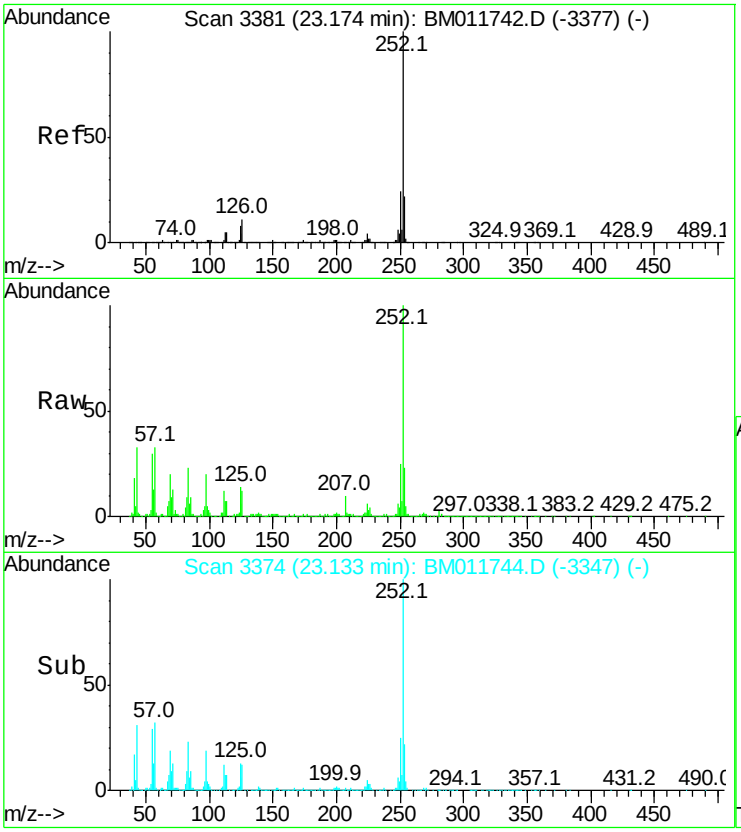


#85
Benzo(b)fluoranthene
Concen: 43.681 ng/ul
RT: 23.13 min Scan# 3374
Delta R.T. 0.01 min
Lab File: BM011744.D
Acq: 28 Sep 2017 03:46

Tgt Ion:252 Resp: 2500722

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	13.6	3.6	5.4#



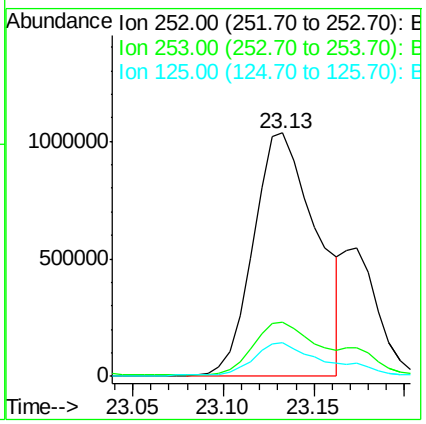


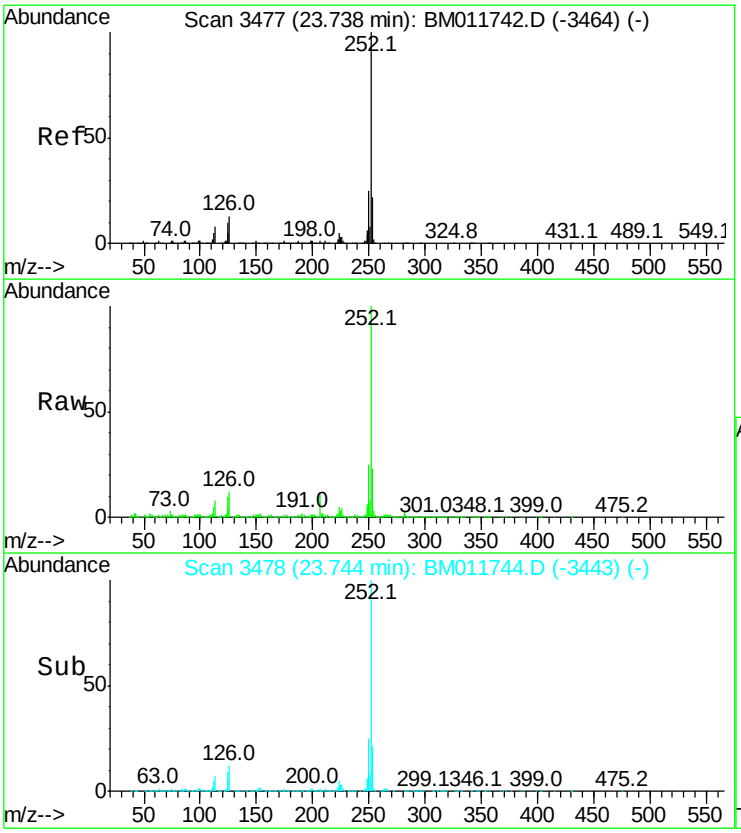
#86
Benzo(k)fluoranthene
Concen: 42.819 ng/ul
RT: 23.13 min Scan# 3374
Delta R.T. -0.04 min
Lab File: BM011744.D
Acq: 28 Sep 2017 03:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2500722

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	13.6	3.4	5.2#

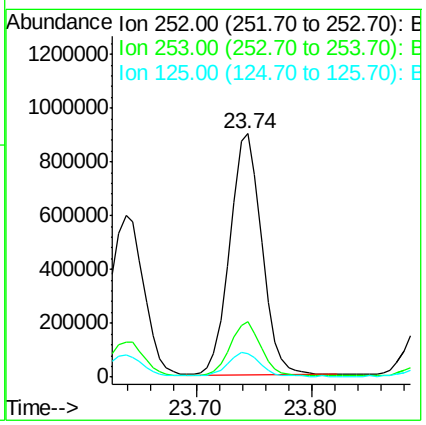


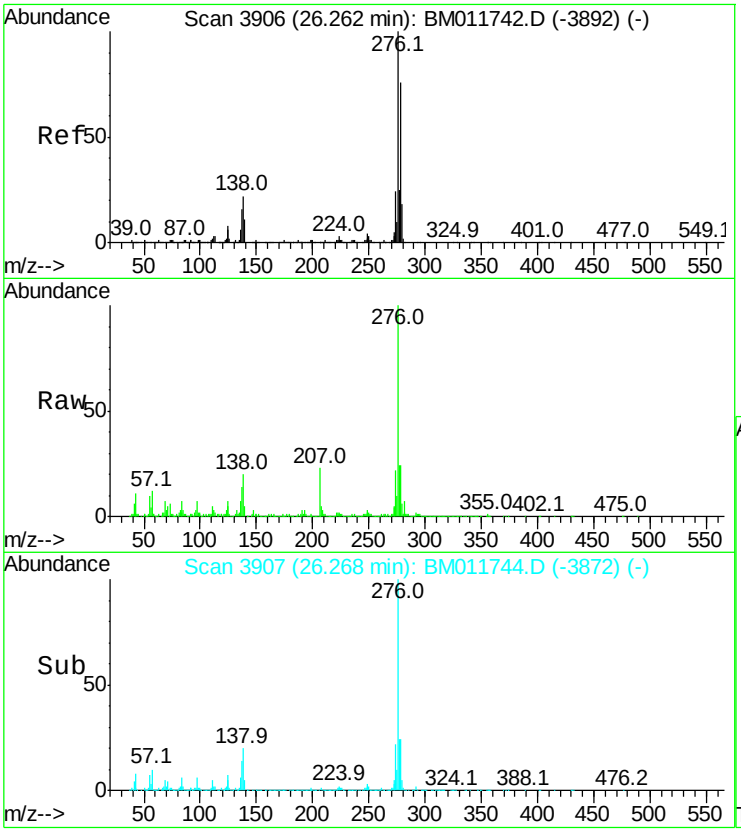


#88
Benzo(a)pyrene
Concen: 31.226 ng/ul
RT: 23.74 min Scan# 3478
Delta R.T. 0.01 min
Lab File: BM011744.D
Acq: 28 Sep 2017 03:46

Tgt Ion:252 Resp: 1726614

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	9.9	4.0	6.0#



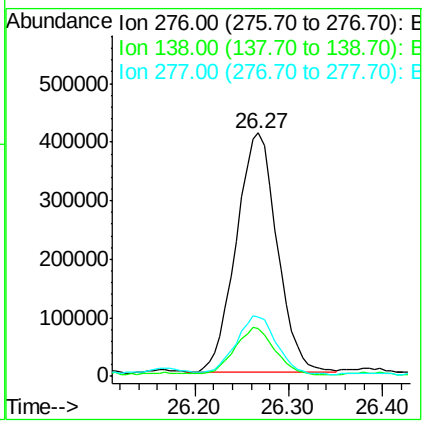


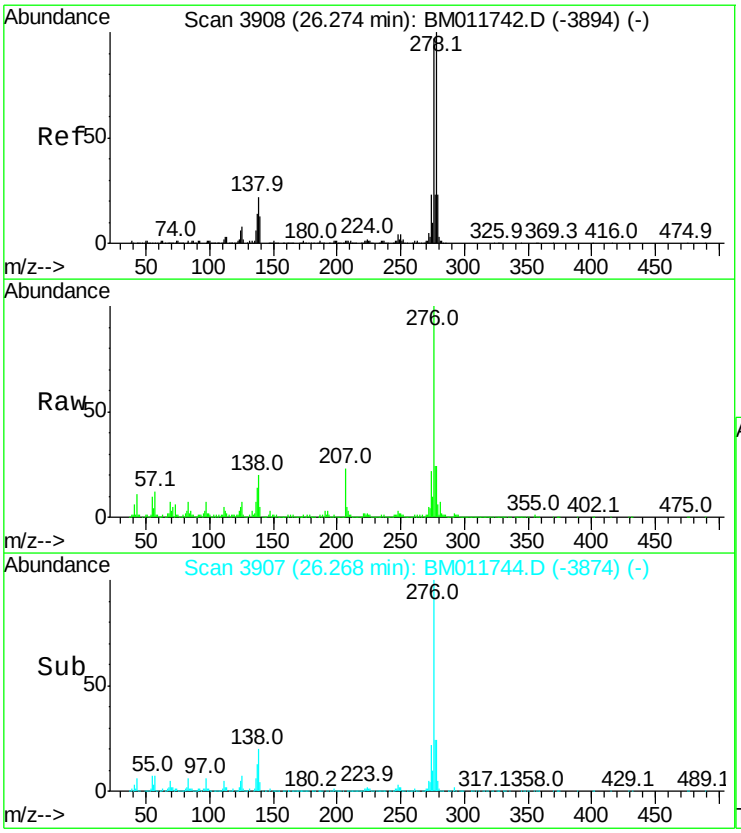
#89
Indeno(1,2,3-cd)pyrene
Concen: 21.455 ng/ul
RT: 26.27 min Scan# 3907
Delta R.T. 0.01 min
Lab File: BM011744.D
Acq: 28 Sep 2017 03:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 1235160

Ion	Ratio	Lower	Upper
276	100		
138	19.9	9.3	13.9#
277	24.3	19.9	29.9

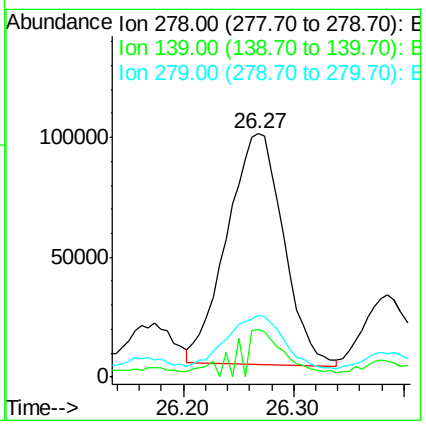


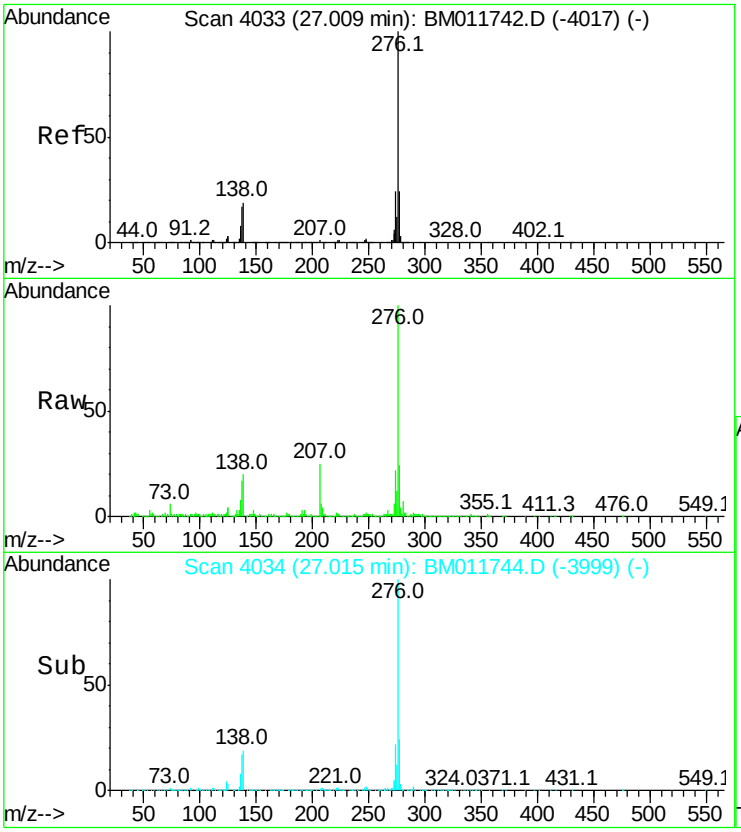


#90
Dibenzo(a,h)anthracene
Concen: 7.167 ng/ul
RT: 26.27 min Scan# 3907
Delta R.T. -0.01 min
Lab File: BM011744.D
Acq: 28 Sep 2017 03:46

Tgt Ion:278 Resp: 345564

Ion	Ratio	Lower	Upper
278	100		
139	19.8	5.8	8.8#
279	25.2	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 26.055 ng/ul
RT: 27.01 min Scan# 4034
Delta R.T. 0.01 min
Lab File: BM011744.D
Acq: 28 Sep 2017 03:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 1245063

Ion	Ratio	Lower	Upper
276	100		
138	19.5	8.5	12.7#
277	23.9	18.6	28.0