Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121418\

Quantitation Report (Not Reviewed)

Data File : BM018198.D
Acq On : 15 Dec 2018 10:03
Operator : JU/SJ
Sample : J6238-07DL 2X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE8B6DL

Quant Time: Dec 15 20:26:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 15 03:53:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	137439	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	586555	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.16	164	333783	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	727941	20.00	ng/ul	0.00
77) Chrysene-d12	21.14	240	587280	20.00	ng/ul	0.00
85) Perylene-d12	23.31	264	542024	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	4215	1.46	ng/uL	0.00
5) Phenol-d5	6.71	99	77495	5.87	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.86	67	50998	7.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	69280	6.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	62064	5.79	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	31851	6.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	34380	6.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	63084	6.40	ng/ul	0.02
29) 4-Chloroaniline-d4	10.45	131	53309	6.12	ng/ul	0.02
43) Dimethylphthalate-d6	13.59	166	214123	7.25	ng/ul	0.00
46) Acenaphthylene-d8	13.85	160	251839	7.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	8555	1.61	ng/ul	0.04
57) Fluorene-d10	15.17	176	184546	7.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	5155	0.93	ng/ul	0.01
70) Anthracene-d10	17.02	188	265130	7.21	ng/ul	0.00
78) Pyrene-d10	19.34	212	251968	8.95	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.17	264	214232	7.14	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.73	94	15515	1.195	ng/ul	89
28) Naphthalene	10.32	128	51248	1.624	ng/ul	97
34) 2-Methylnaphthalene	11.96	142	29005	1.239	ng/ul	98
49) Acenaphthene	14.23	153	117697	4.905	ng/ul	95
53) Dibenzofuran	14.57	168	104862	3.161	ng/ul	96
58) Fluorene	15.22	166	177212	6.429	ng/ul	96
69) Phenanthrene	16.97	178	2044848	48.120	ng/ul	99
71) Anthracene	17.06	178	557975	12.759	ng/ul	99
74) Carbazole	17.35	167	80480	2.022	ng/ul	97
76) Fluoranthene	19.00	202	2272074	46.095	ng/ul	99
79) Pyrene	19.37	202	2137691	60.842	ng/ul	98
82) Benzo(a)anthracene	21.13	228	870502	23.421	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.07	149	153764	6.225	ng/ul	99
84) Chrysene	21.18	228	762307	21.980	ng/ul	97
87) Benzo(b)fluoranthene	22.67	252	761262	23.567	ng/ul	98
88) Benzo(k)fluoranthene	22.71	252	248287	7.724	ng/ul	98
90) Benzo(a)pyrene	23.22	252	582231	18.274	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.45	276	348460	9.638	ng/ul#	94
92) Dibenzo(a,h)anthracene	25.44	278	93812	3.054	ng/ul#	91
93) Benzo(g,h,i)perylene	26.10	276	315735	10.478	ng/ul	95

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

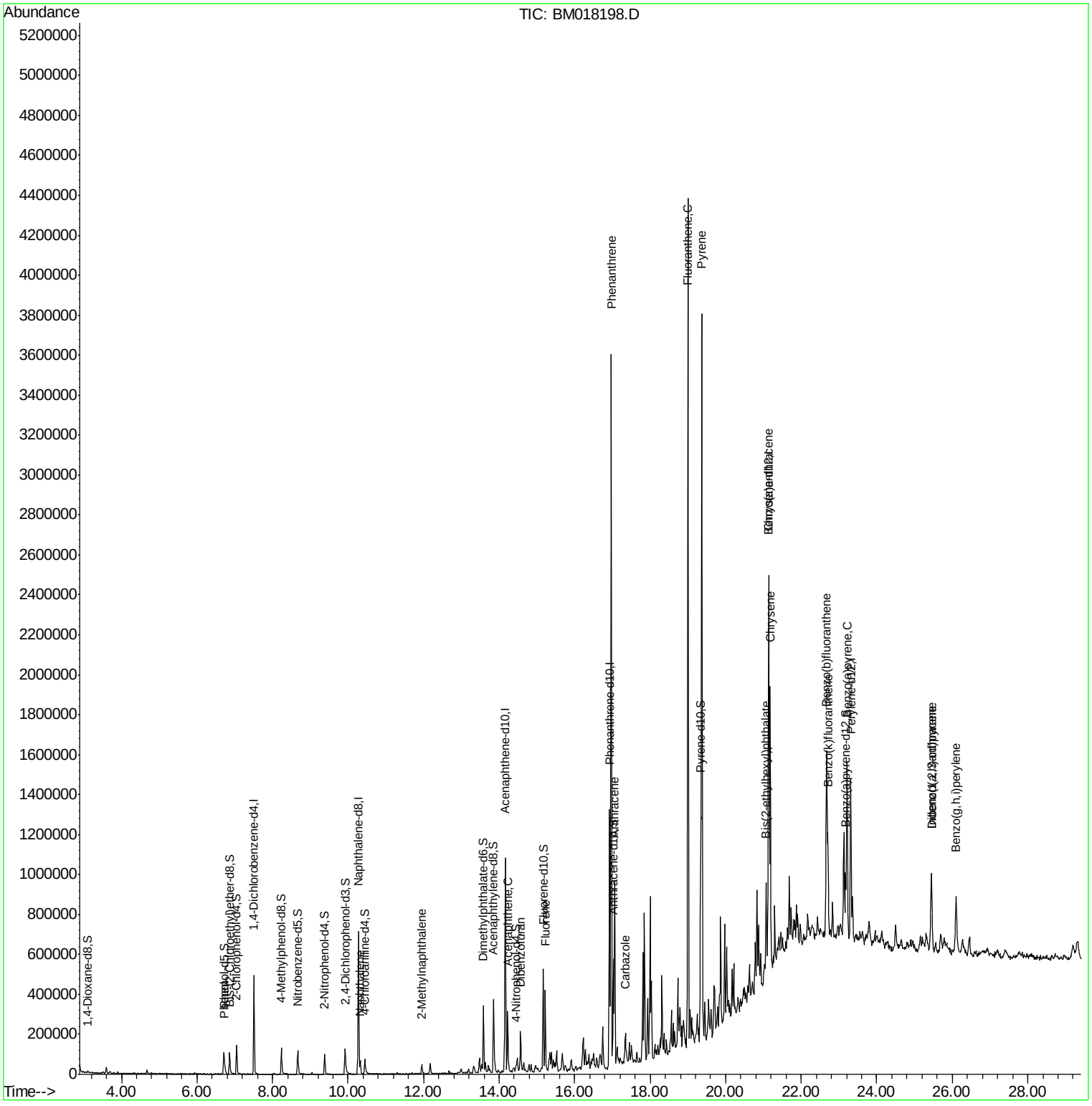
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121418\

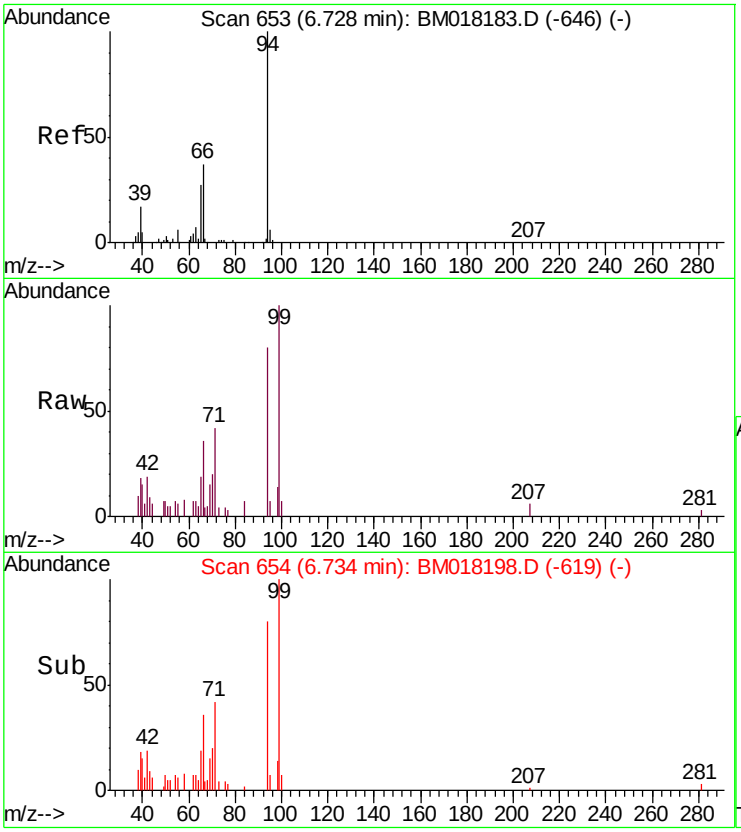
Quantitation Report (Not Reviewed)

Data File : BM018198.D
Acq On : 15 Dec 2018 10:03
Operator : JU/SJ
Sample : J6238-07DL 2X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE8B6DL

Quant Time: Dec 15 20:26:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 15 03:53:40 2018
Response via : Initial Calibration



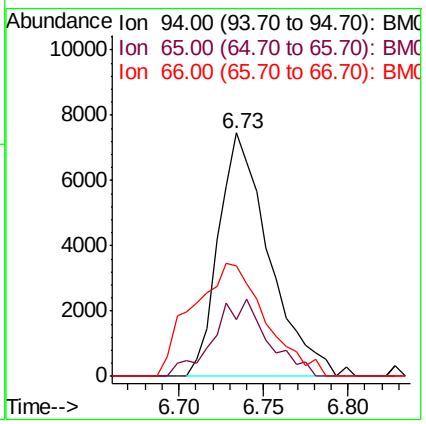


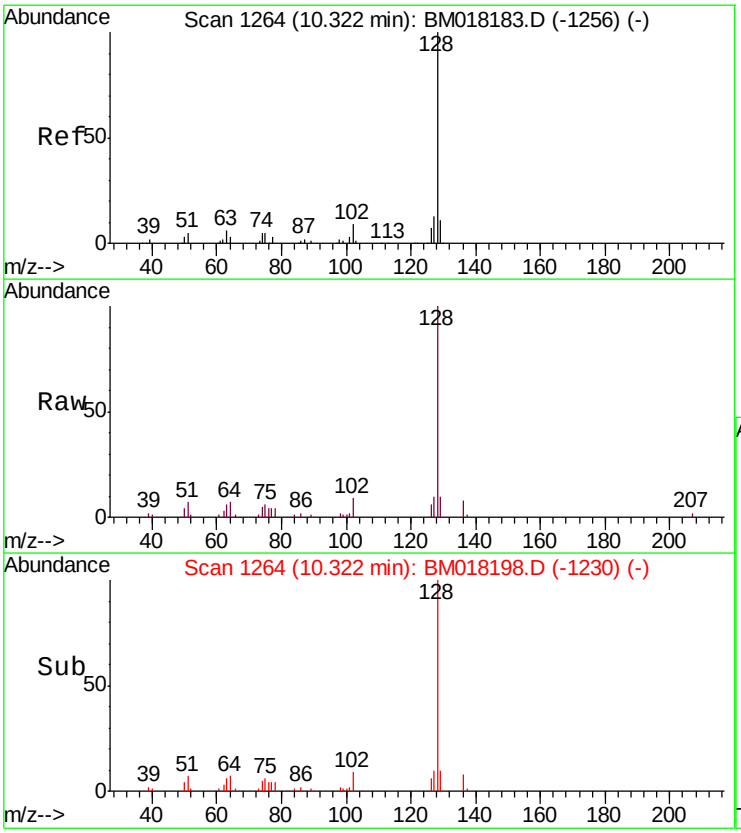
#6
Phenol
Concen: 1.195 ng/ul
RT: 6.73 min Scan# 654
Delta R.T. 0.01 min
Lab File: BM018198.D
Acq: 15 Dec 2018 10:03

Instrument :
BNA_M
ClientSampleId :
BE8B6DL

Tgt Ion: 94 Resp: 15515

Ion	Ratio	Lower	Upper
94	100		
65	23.2	22.0	33.0
66	45.3	30.3	45.5

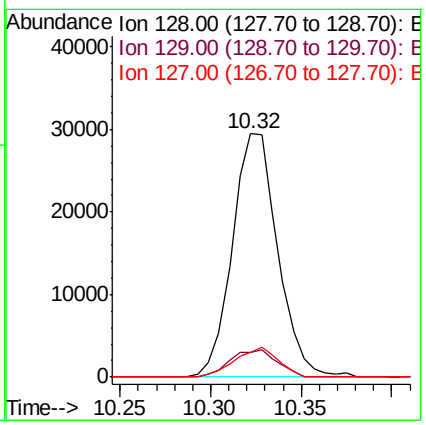


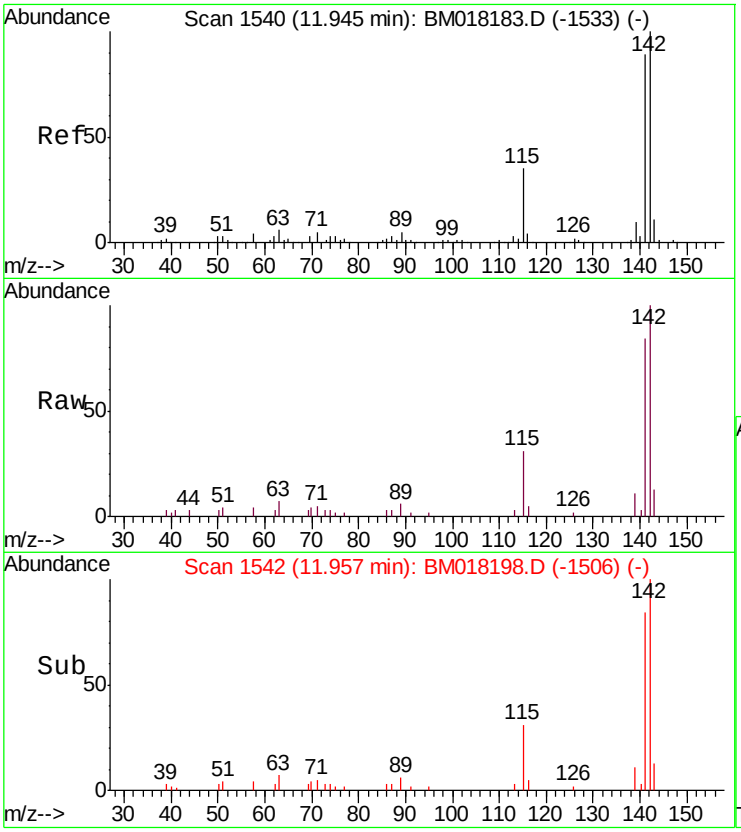


#28
Naphthalene
Concen: 1.624 ng/ul
RT: 10.32 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BM018198.D
Acq: 15 Dec 2018 10:03

Tgt Ion:128 Resp: 51248

Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.2	12.4
127	10.3	9.7	14.5



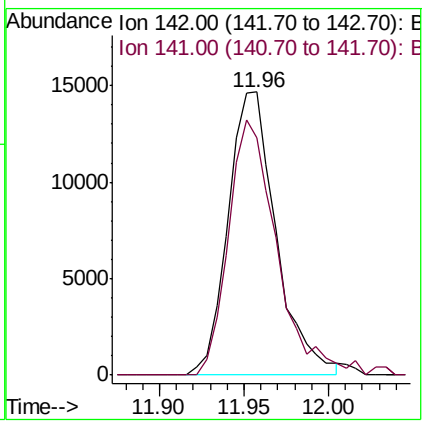


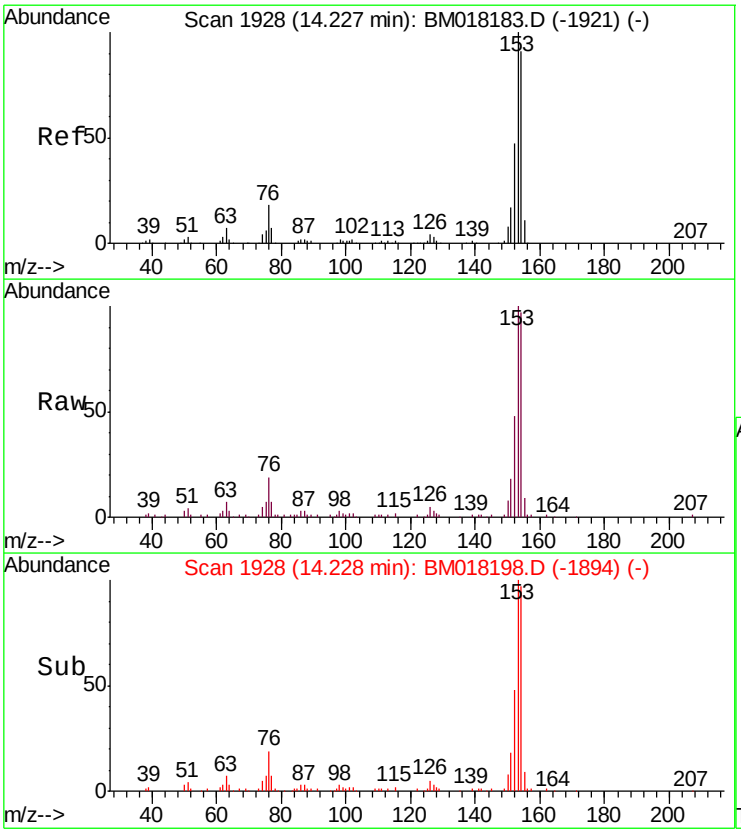
#34
2-Methylnaphthalene
Concen: 1.239 ng/ul
RT: 11.96 min Scan# 1542
Delta R.T. 0.01 min
Lab File: BM018198.D
Acq: 15 Dec 2018 10:03

Instrument :
BNA_M
ClientSampleId :
BE8B6DL

Tgt Ion:142 Resp: 29005

Ion	Ratio	Lower	Upper
142	100		
141	84.0	69.0	103.4

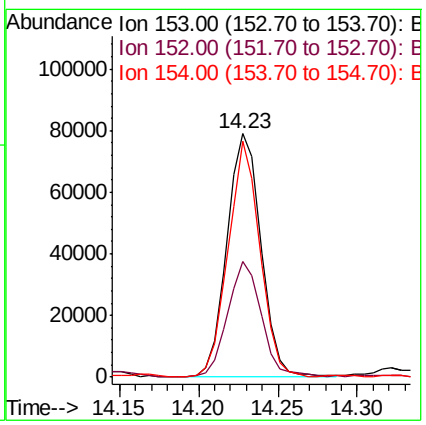


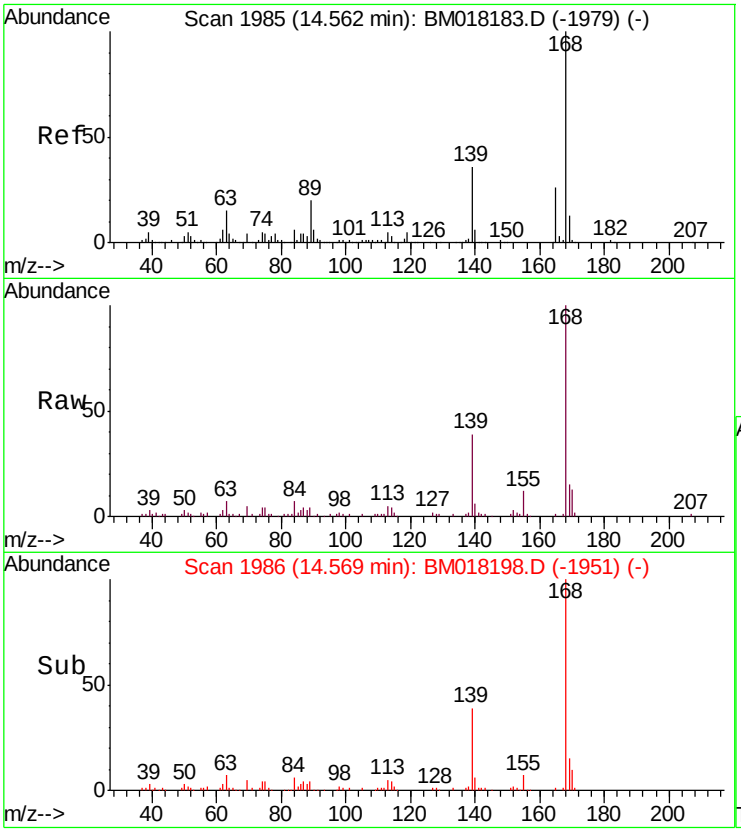


#49
Acenaphthene
Concen: 4.905 ng/ul
RT: 14.23 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BM018198.D
Acq: 15 Dec 2018 10:03

Tgt Ion:153 Resp: 117697

Ion	Ratio	Lower	Upper
153	100		
152	47.6	37.1	55.7
154	96.7	71.8	107.8



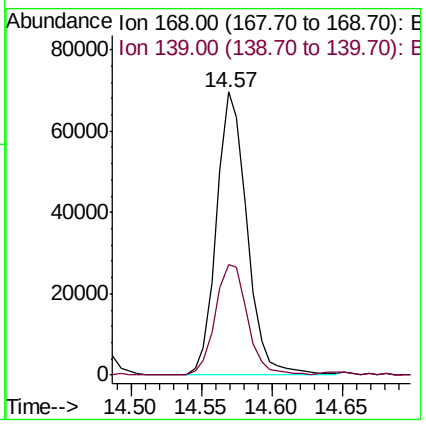


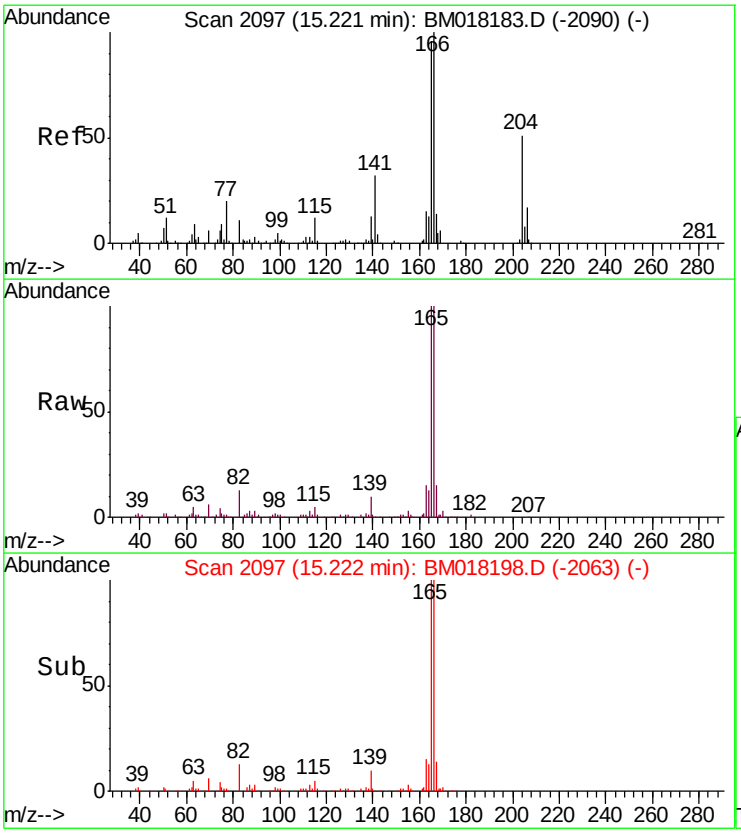
#53
Dibenzofuran
Concen: 3.161 ng/ul
RT: 14.57 min Scan# 1986
Delta R.T. 0.01 min
Lab File: BM018198.D
Acq: 15 Dec 2018 10:03

Instrument :
BNA_M
ClientSampleId :
BE8B6DL

Tgt Ion:168 Resp: 104862

Ion	Ratio	Lower	Upper
168	100		
139	39.2	29.4	44.0

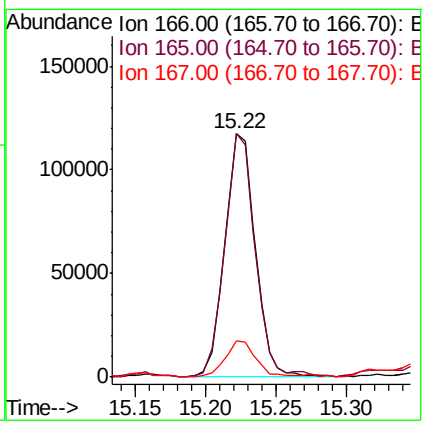


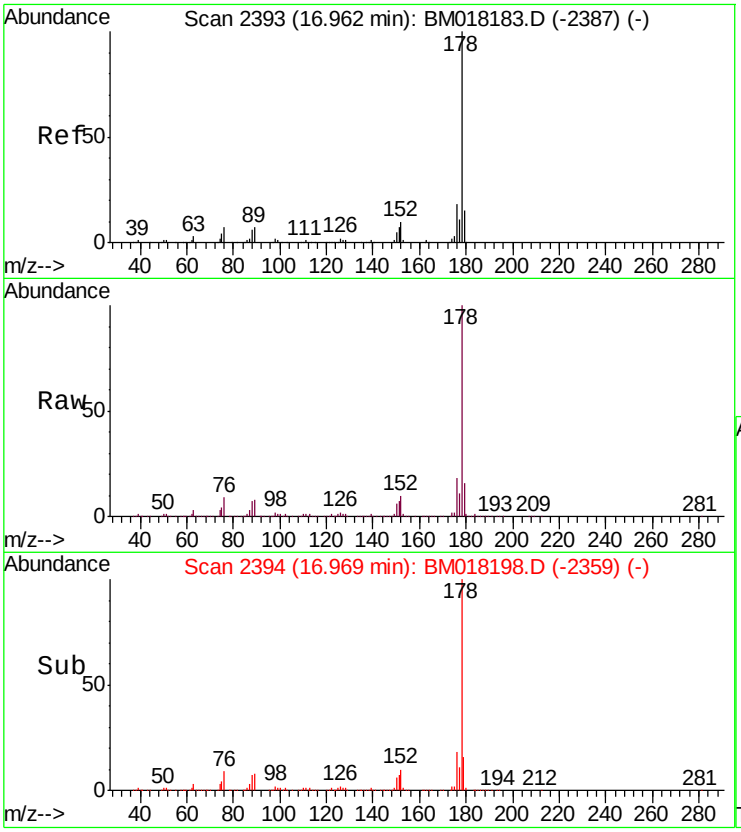


#58
Fluorene
Concen: 6.429 ng/ul
RT: 15.22 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BM018198.D
Acq: 15 Dec 2018 10:03

Tgt Ion:166 Resp: 177212

Ion	Ratio	Lower	Upper
166	100		
165	99.9	76.2	114.4
167	14.7	11.2	16.8



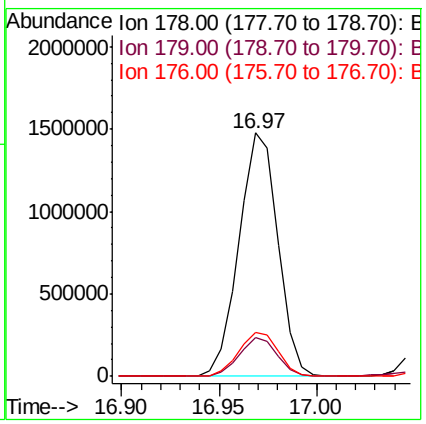


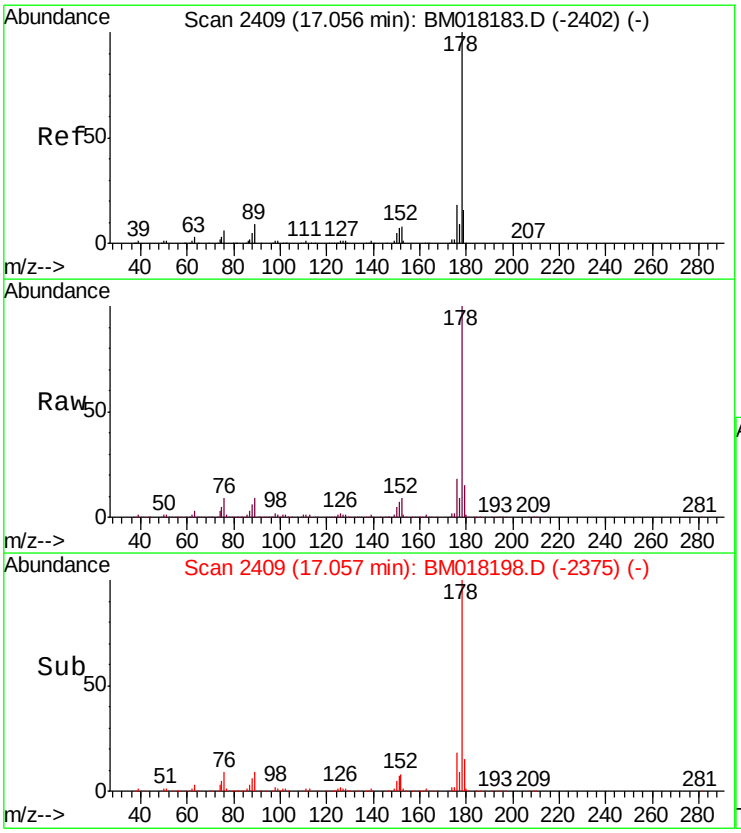
#69
Phenanthrene
Concen: 48.120 ng/ul
RT: 16.97 min Scan# 2394
Delta R.T. 0.01 min
Lab File: BM018198.D
Acq: 15 Dec 2018 10:03

Instrument :
BNA_M
ClientSampleId :
BE8B6DL

Tgt Ion:178 Resp: 2044848

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	18.3	14.3	21.5

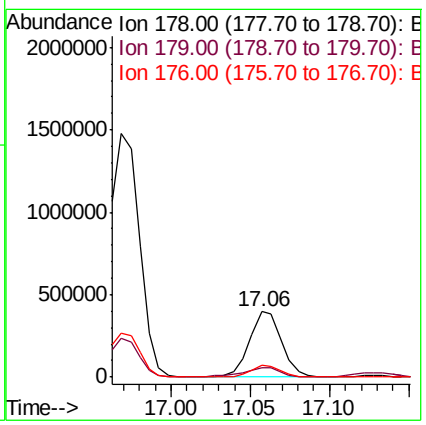


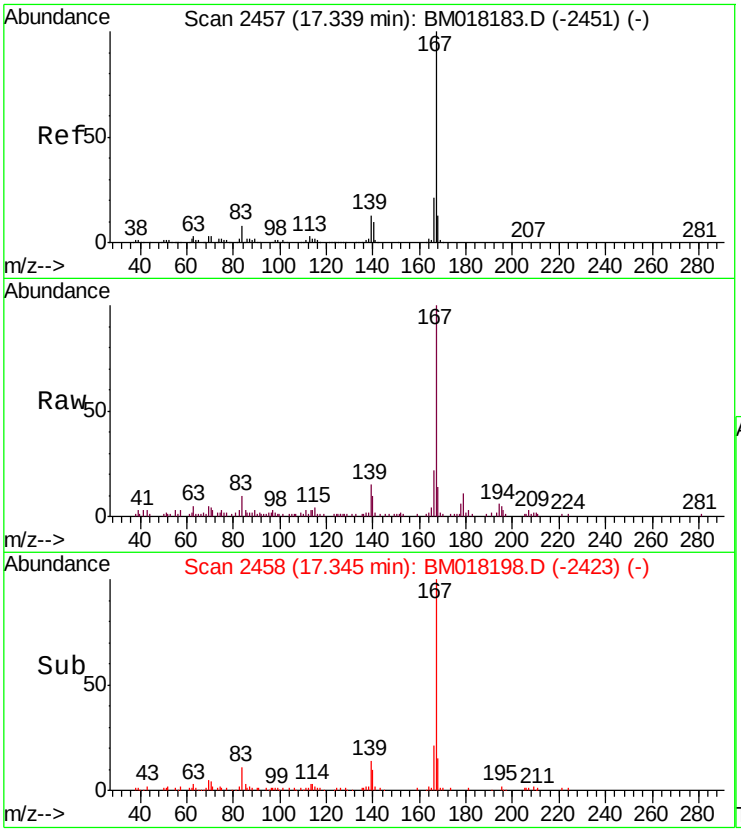


#71
Anthracene
Concen: 12.759 ng/ul
RT: 17.06 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BM018198.D
Acq: 15 Dec 2018 10:03

Tgt Ion:178 Resp: 557975

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.9	19.3
176	17.6	14.1	21.1



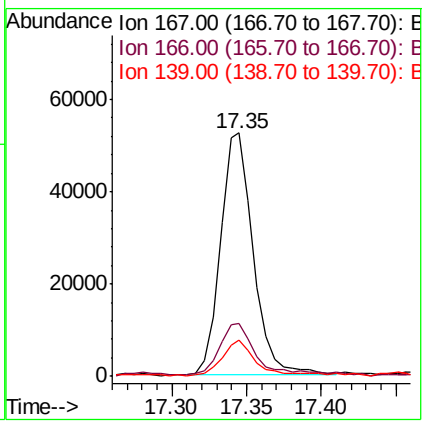


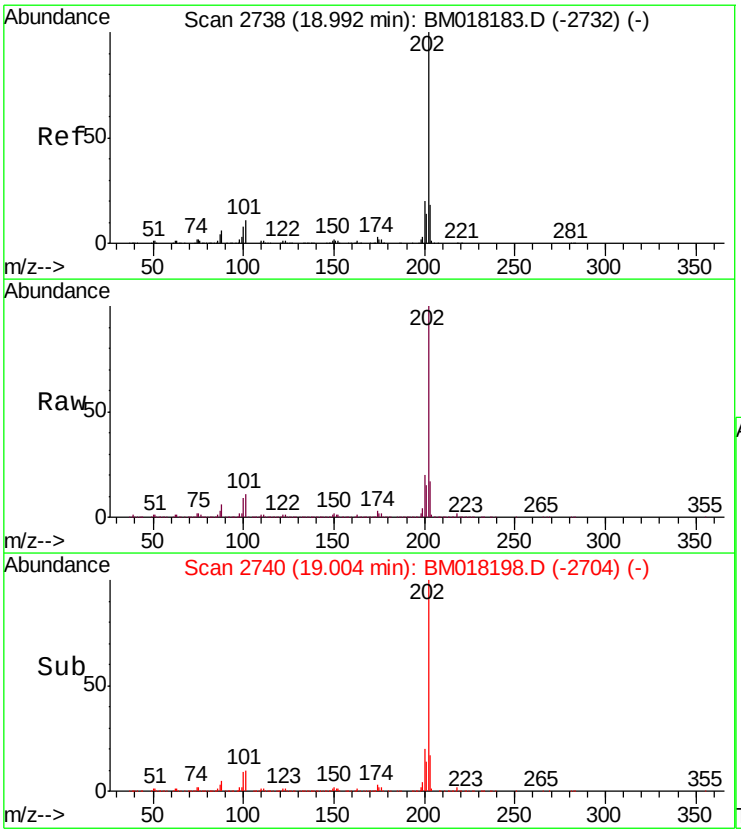
#74
Carbazole
Concen: 2.022 ng/ul
RT: 17.35 min Scan# 2458
Delta R.T. 0.01 min
Lab File: BM018198.D
Acq: 15 Dec 2018 10:03

Instrument :
BNA_M
ClientSampleId :
BE8B6DL

Tgt Ion:167 Resp: 80480

Ion	Ratio	Lower	Upper
167	100		
166	21.8	16.6	24.8
139	14.6	10.2	15.4

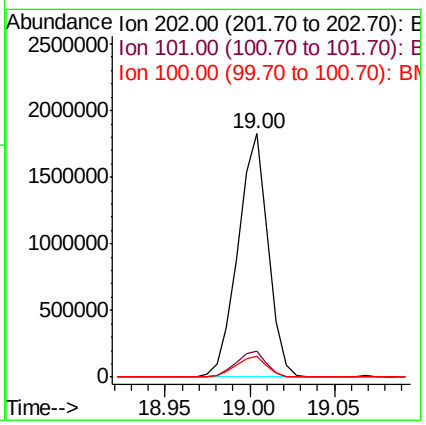


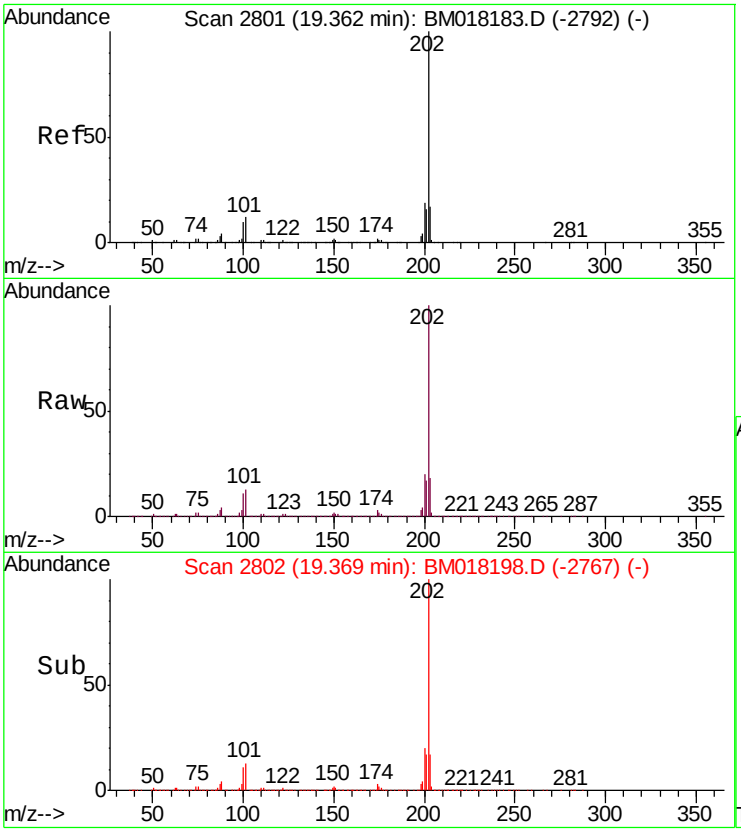


#76
Fluoranthene
Concen: 46.095 ng/ul
RT: 19.00 min Scan# 2740
Delta R.T. 0.01 min
Lab File: BM018198.D
Acq: 15 Dec 2018 10:03

Tgt Ion:202 Resp: 2272074

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.0	12.0
100	8.7	6.6	10.0



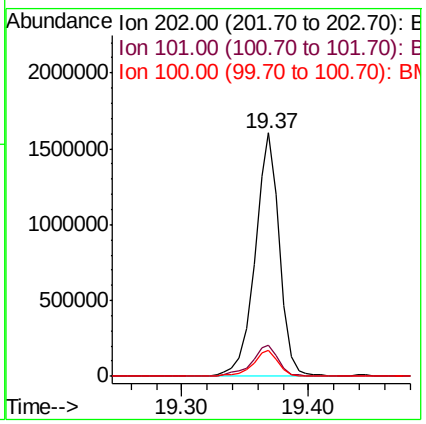


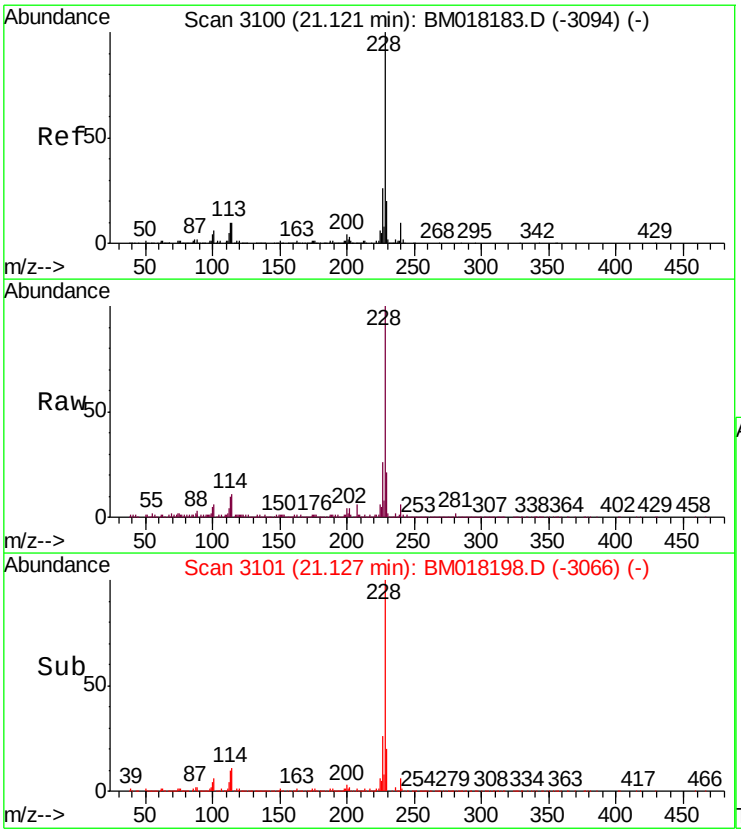
#79
Pyrene
Concen: 60.842 ng/ul
RT: 19.37 min Scan# 2802
Delta R.T. 0.01 min
Lab File: BM018198.D
Acq: 15 Dec 2018 10:03

Instrument :
BNA_M
ClientSampleId :
BE8B6DL

Tgt Ion:202 Resp: 2137691

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.6	14.4
100	10.7	7.7	11.5

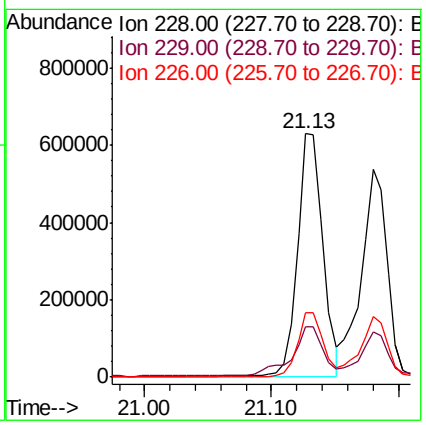


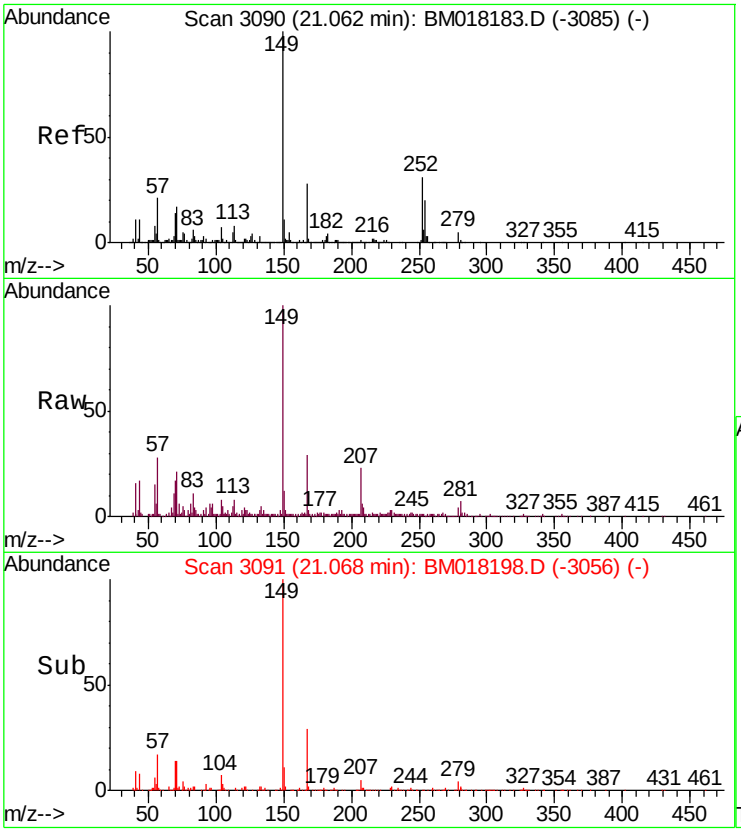


#82
Benzo(a)anthracene
Concen: 23.421 ng/ul
RT: 21.13 min Scan# 3101
Delta R.T. 0.01 min
Lab File: BM018198.D
Acq: 15 Dec 2018 10:03

Tgt Ion:228 Resp: 870502

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.0	24.0
226	26.4	20.5	30.7



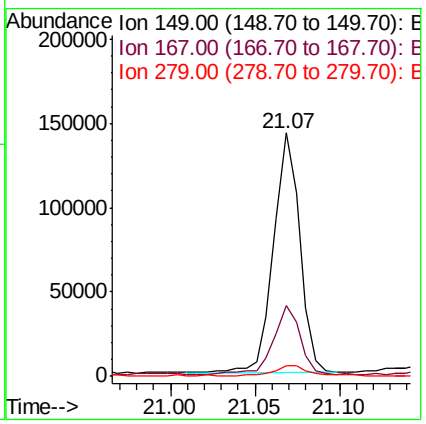


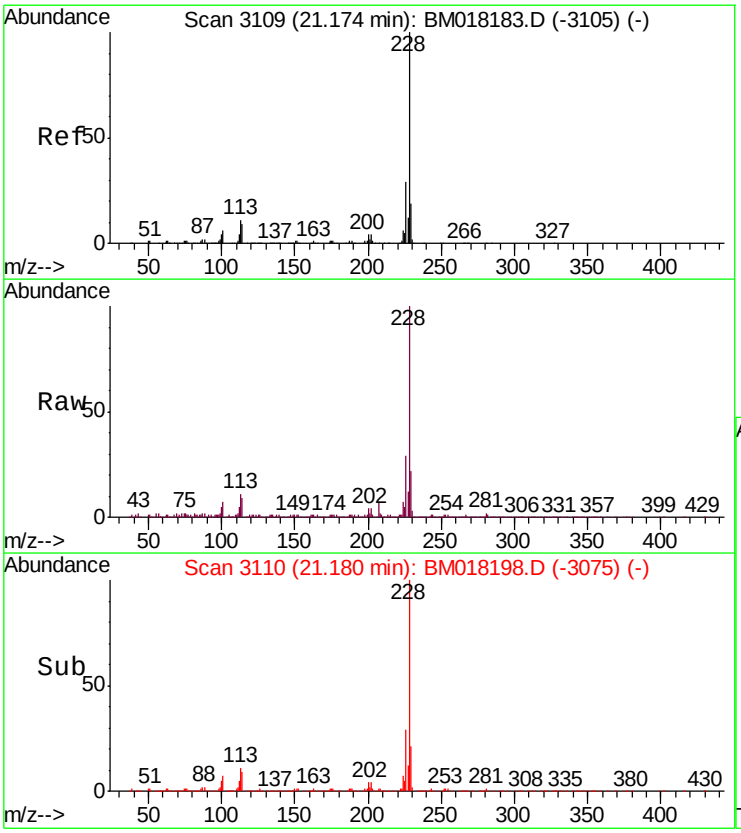
#83
Bis(2-ethylhexyl)phthalate
Concen: 6.225 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. 0.01 min
Lab File: BM018198.D
Acq: 15 Dec 2018 10:03

Instrument :
BNA_M
ClientSampleId :
BE8B6DL

Tgt Ion:149 Resp: 153764

Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.8	34.2
279	4.4	3.8	5.8

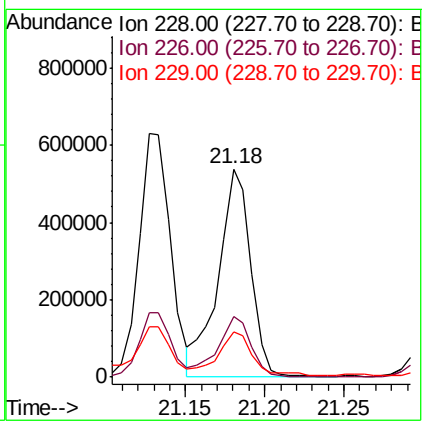


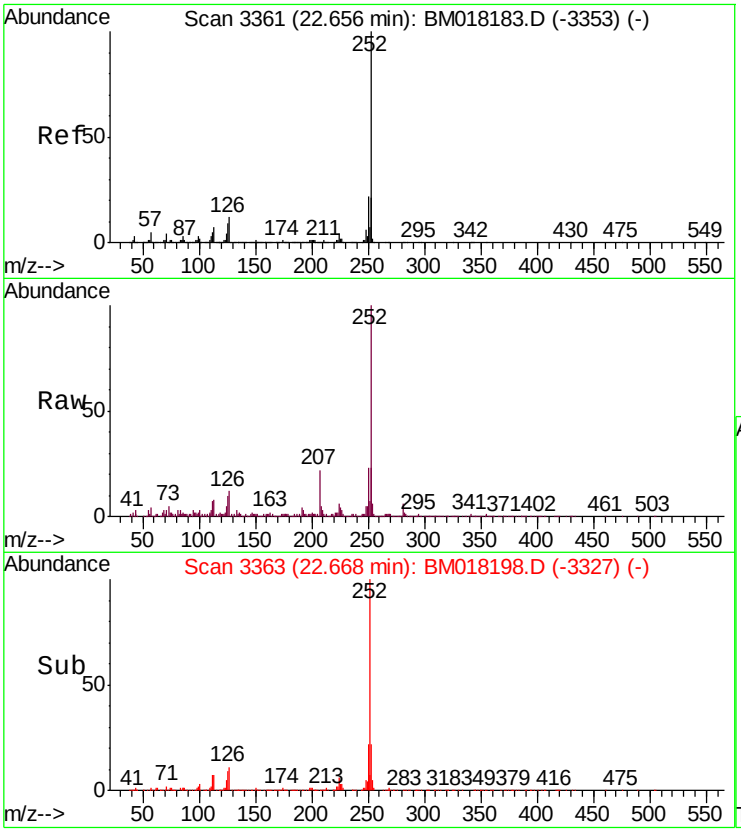


#84
Chrysene
Concen: 21.980 ng/ul
RT: 21.18 min Scan# 3110
Delta R.T. 0.01 min
Lab File: BM018198.D
Acq: 15 Dec 2018 10:03

Tgt Ion:228 Resp: 762307

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	21.6	15.5	23.3



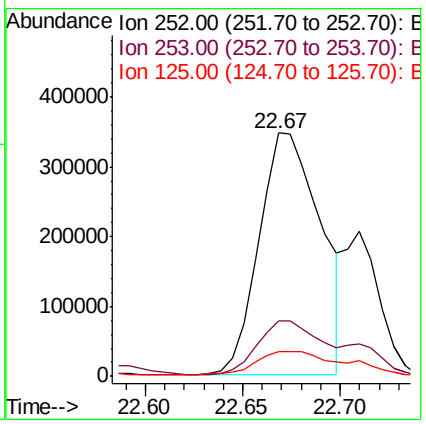


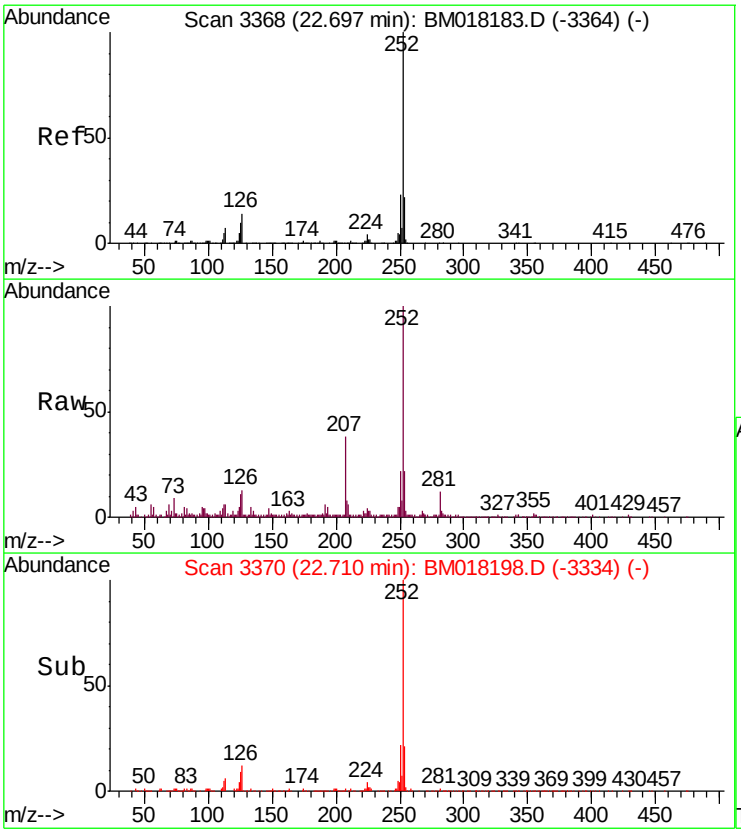
#87
Benzo(b)fluoranthene
Concen: 23.567 ng/ul
RT: 22.67 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BM018198.D
Acq: 15 Dec 2018 10:03

Instrument :
BNA_M
ClientSampleId :
BE8B6DL

Tgt Ion:252 Resp: 761262

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	10.2	7.8	11.6

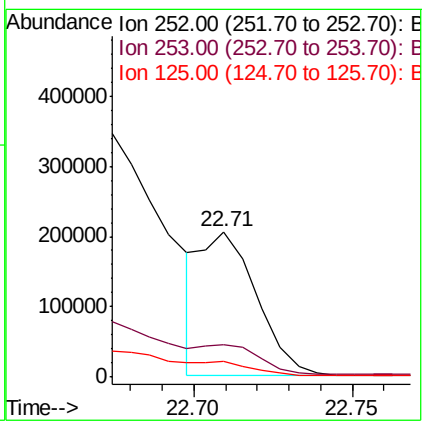


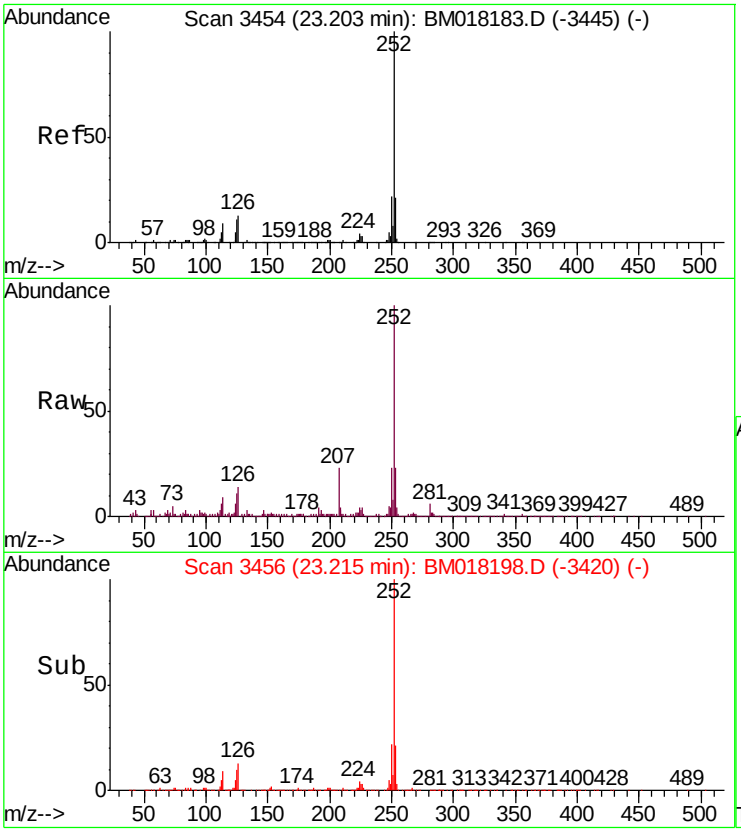


#88
Benzo(k)fluoranthene
Concen: 7.724 ng/ul
RT: 22.71 min Scan# 3370
Delta R.T. 0.01 min
Lab File: BM018198.D
Acq: 15 Dec 2018 10:03

Tgt Ion:252 Resp: 248287

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	10.7	7.8	11.8



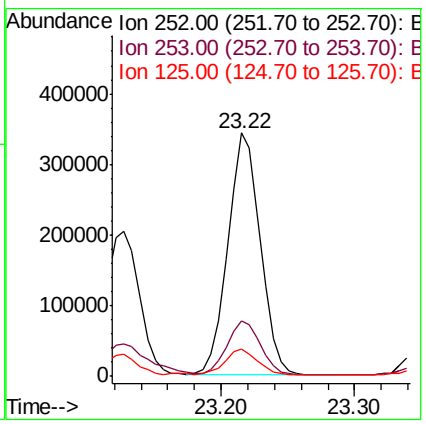


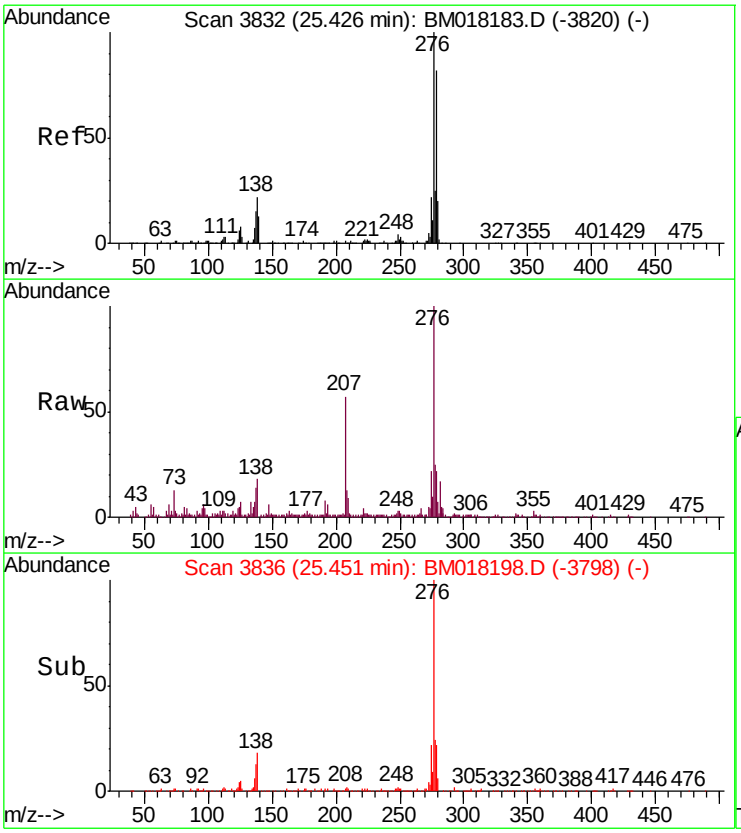
#90
Benzo(a)pyrene
Concen: 18.274 ng/ul
RT: 23.22 min Scan# 3456
Delta R.T. 0.01 min
Lab File: BM018198.D
Acq: 15 Dec 2018 10:03

Instrument :
BNA_M
ClientSampleId :
BE8B6DL

Tgt Ion:252 Resp: 582231

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	11.1	9.0	13.4

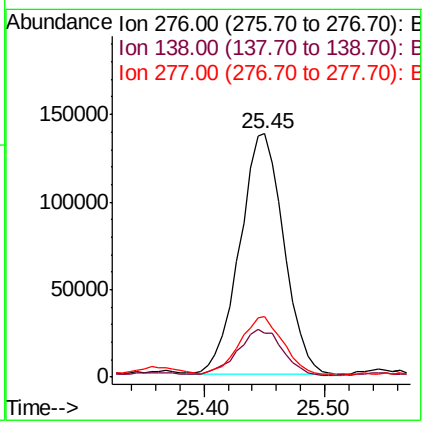


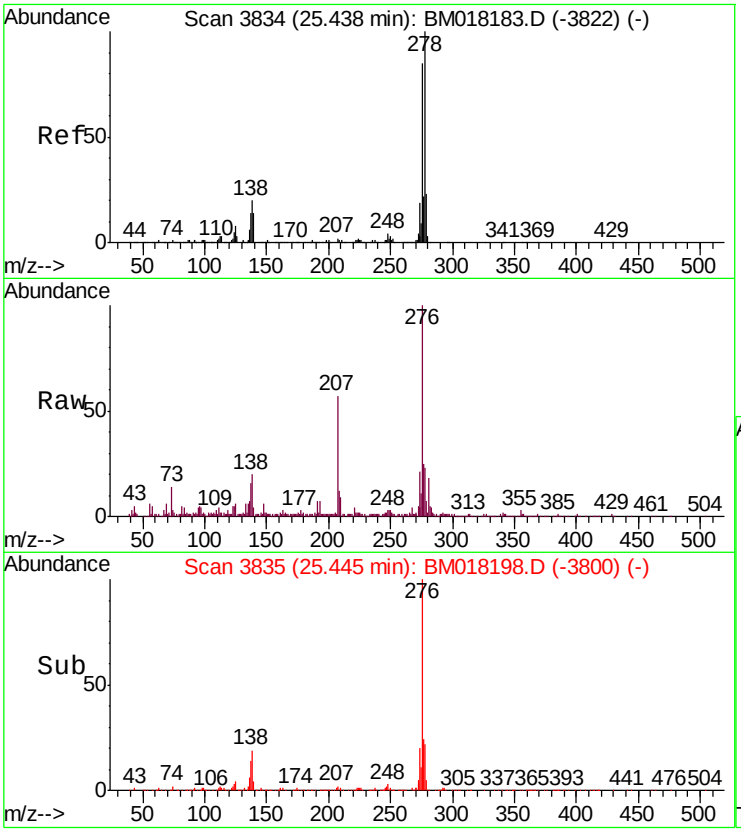


#91
Indeno(1,2,3-cd)pyrene
Concen: 9.638 ng/ul
RT: 25.45 min Scan# 3836
Delta R.T. 0.02 min
Lab File: BM018198.D
Acq: 15 Dec 2018 10:03

Tgt Ion:276 Resp: 348460

Ion	Ratio	Lower	Upper
276	100		
138	18.0	18.6	28.0#
277	24.8	20.1	30.1



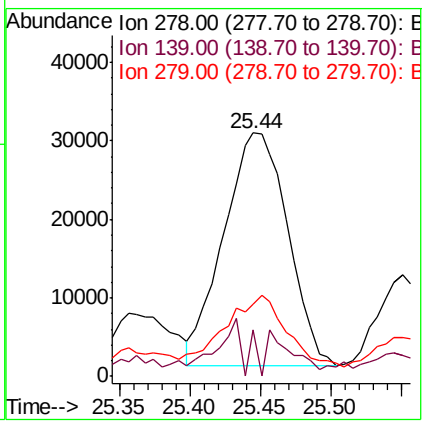


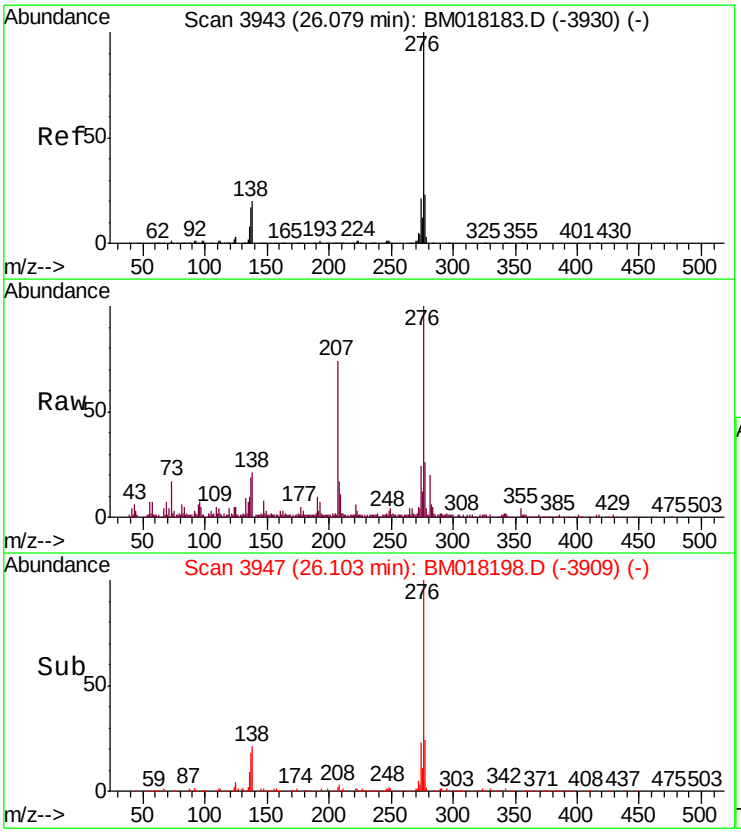
#92
Dibenzo(a,h)anthracene
Concen: 3.054 ng/ul
RT: 25.44 min Scan# 3835
Delta R.T. 0.01 min
Lab File: BM018198.D
Acq: 15 Dec 2018 10:03

Instrument :
BNA_M
ClientSampleId :
BE8B6DL

Tgt Ion:278 Resp: 93812

Ion	Ratio	Lower	Upper
278	100		
139	18.9	12.6	19.0
279	29.7	19.6	29.4#





#93
Benzo(g,h,i)perylene
Concen: 10.478 ng/ul
RT: 26.10 min Scan# 3947
Delta R.T. 0.02 min
Lab File: BM018198.D
Acq: 15 Dec 2018 10:03

Tgt Ion:276 Resp: 315735

Ion	Ratio	Lower	Upper
276	100		
138	21.4	15.4	23.2
277	26.0	19.0	28.4