Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
Data File : BM021271.D
Acq On : 29 Jun 2019 20:40
Operator : HP/JU
Sample : K3593-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C7BA0

Quant Time: Jun 29 22:22:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 05:07:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	314277	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.55	136	1361756	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	825510	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1710718	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1261525	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1461375	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	23591	3.56	ng/uL	0.00
5) Phenol-d5	6.93	99	689260	25.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	385213	23.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	571628	25.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	592381	25.94	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	297416	26.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	355791	28.99	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.17	165	682217	27.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	55243	2.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	2057077	27.58	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2436026	26.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	271424	22.37	ng/ul	0.00
57) Fluorene-d10	15.40	176	1744634	26.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	186006	17.69	ng/ul	0.00
70) Anthracene-d10	17.25	188	2410544	27.12	ng/ul	0.00
78) Pyrene-d10	19.54	212	2158819	28.52	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	2265316	26.27	ng/ul	0.00
Target Compounds						Qvalue
8) Bis(2-Chloroethyl)ether	7.19	93	288141	14.591	ng/ul#	26
44) Dimethylphthalate	13.86	163	1588120	23.389	ng/ul	99
68) Pentachlorophenol	16.80	266	19491	1.617	ng/ul	93
69) Phenanthrene	17.19	178	887832	9.384	ng/ul	98
71) Anthracene	17.28	178	168472	1.747	ng/ul	98
74) Carbazole	17.56	167	83276	1.048	ng/ul	97
76) Fluoranthene	19.21	202	2053380	20.086	ng/ul	99
79) Pyrene	19.57	202	1576280	17.674	ng/ul	100
82) Benzo(a)anthracene	21.32	228	786742	9.148	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.24	149	88901	1.891	ng/ul	97
84) Chrysene	21.37	228	932161	11.573	ng/ul	97
87) Benzo(b)fluoranthene	22.93	252	1402429	15.150	ng/ul#	96
88) Benzo(k)fluoranthene	22.93	252	1402429	15.748	ng/ul#	96
90) Benzo(a)pyrene	23.52	252	810018	9.297	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.90	276	681966	6.647	ng/ul	97
92) Dibenzo(a,h)anthracene	25.91	278	169971	1.969	ng/ul#	79
93) Benzo(g,h,i)perylene	26.61	276	577710	6.837	ng/ul	98

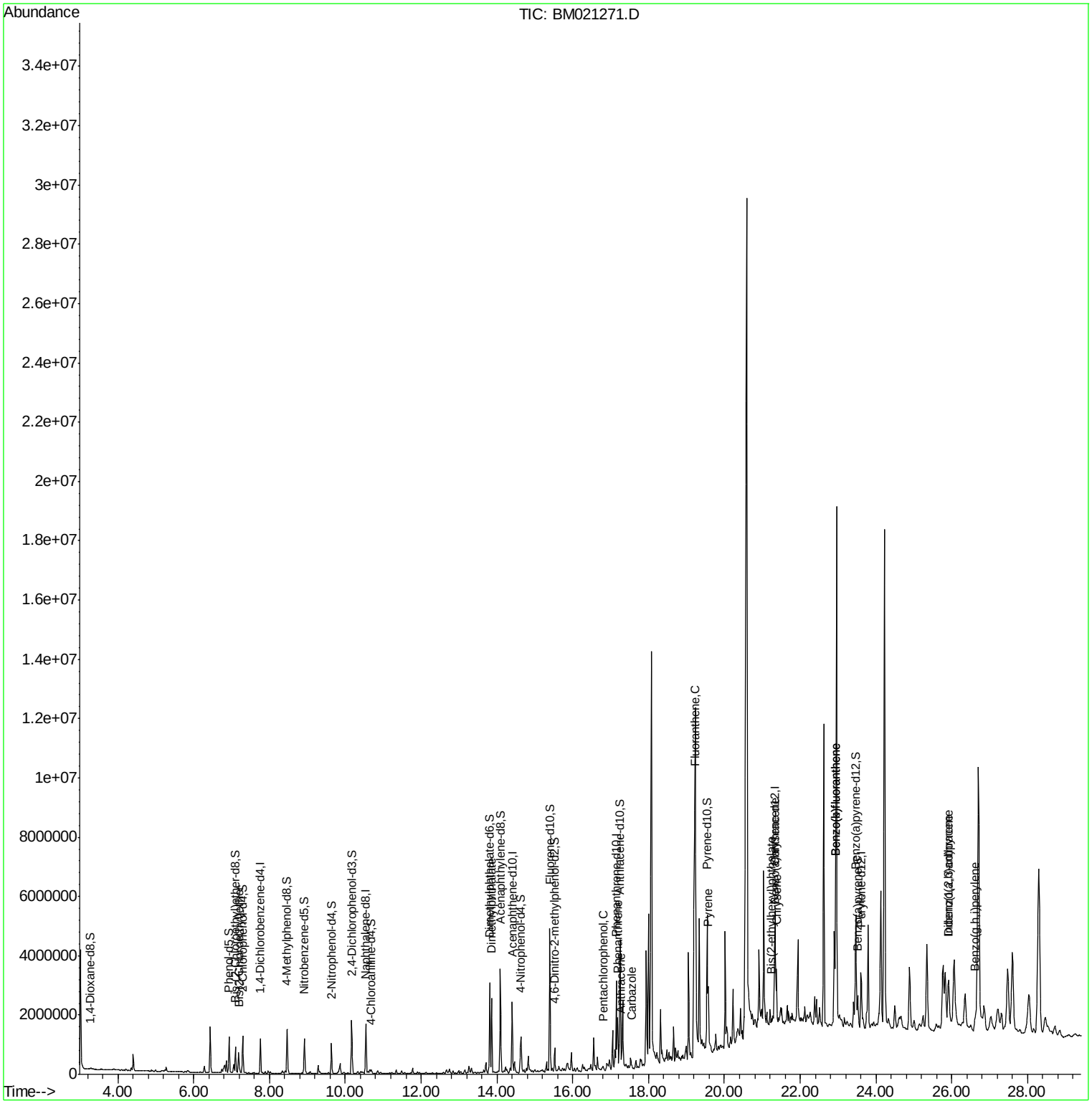
(#) = qualifier out of range (m) = manual integration (+) = signals summed

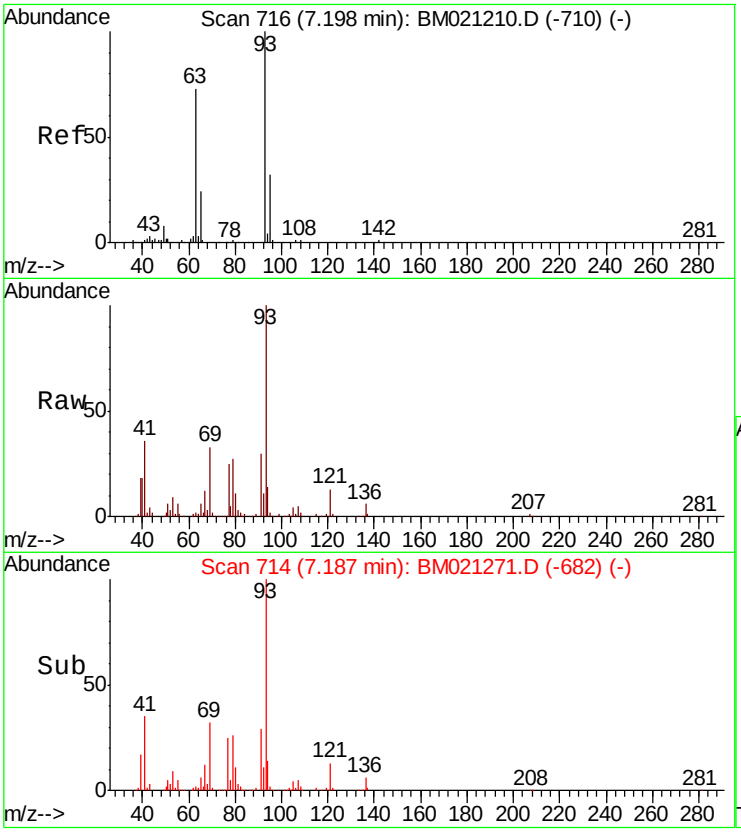
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
Data File : BM021271.D
Acq On : 29 Jun 2019 20:40
Operator : HP/JU
Sample : K3593-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C7BA0

Quant Time: Jun 29 22:22:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 05:07:12 2019
Response via : Initial Calibration



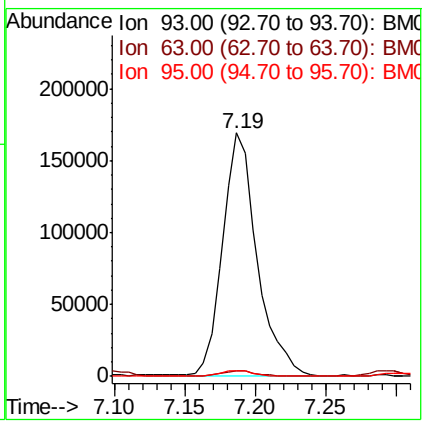


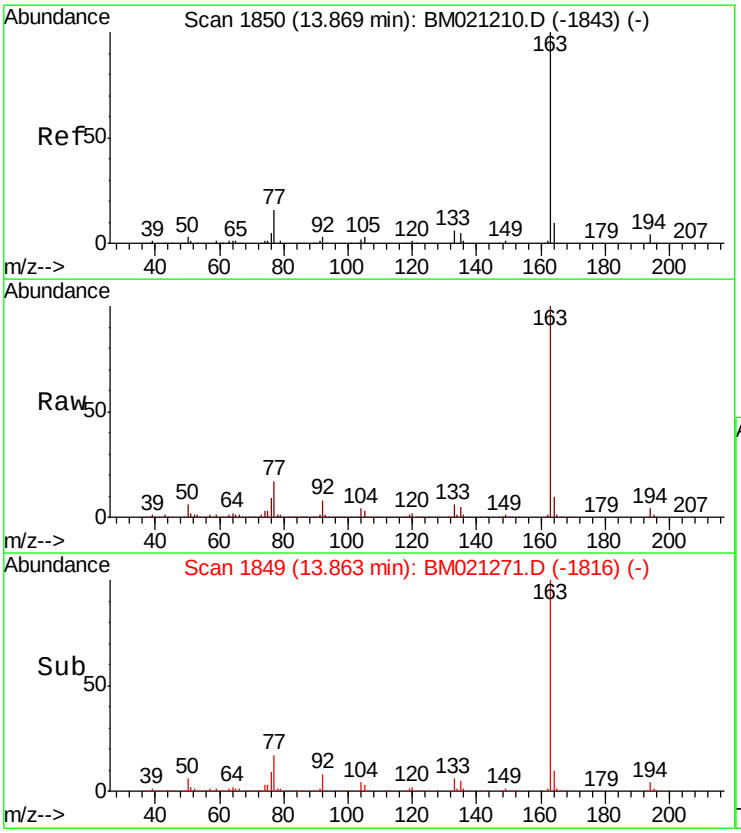
#8
Bis(2-Chloroethyl)ether
Concen: 14.591 ng/ul
RT: 7.19 min Scan# 714
Delta R.T. -0.01 min
Lab File: BM021271.D
Acq: 29 Jun 2019 20:40

Instrument :
BNA_M
ClientSampleId :
C7BA0

Tgt Ion: 93 Resp: 288141

Ion	Ratio	Lower	Upper
93	100		
63	2.4	57.9	86.9#
95	2.4	26.2	39.4#

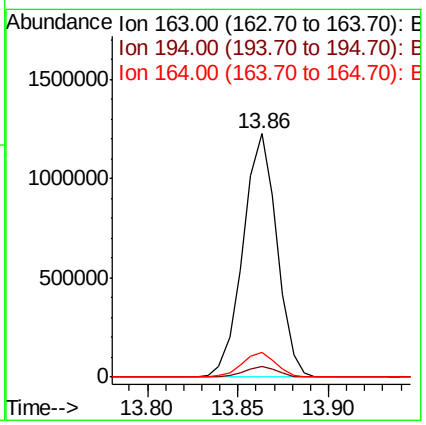


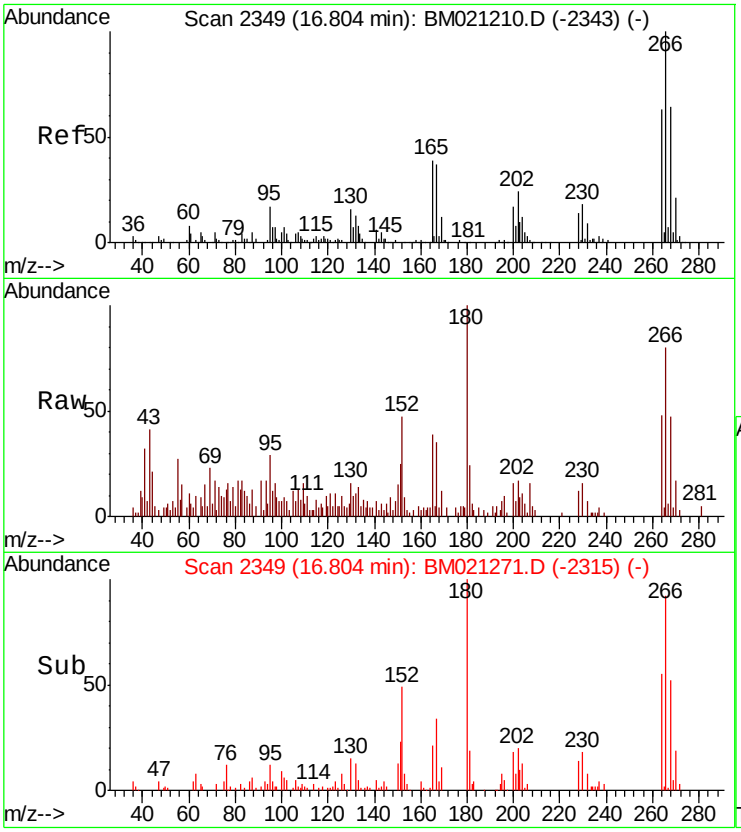


#44
Dimethylphthalate
Concen: 23.389 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM021271.D
Acq: 29 Jun 2019 20:40

Tgt Ion:163 Resp: 1588120

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.1	7.7	11.5



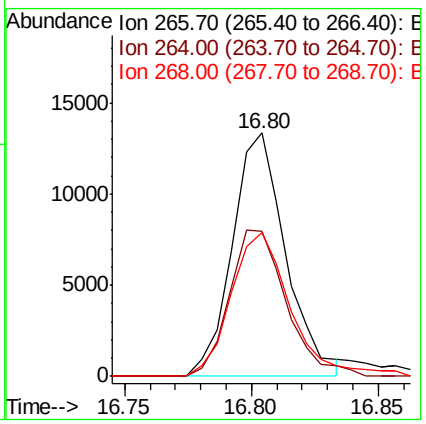


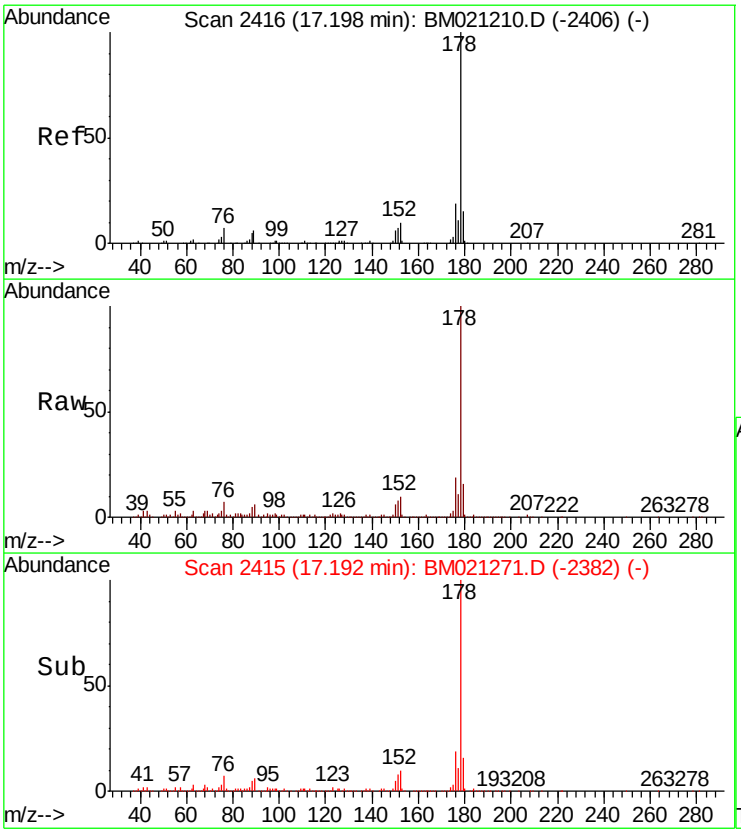
#68
Pentachlorophenol
Concen: 1.617 ng/ul
RT: 16.80 min Scan# 2349
Delta R.T. 0.00 min
Lab File: BM021271.D
Acq: 29 Jun 2019 20:40

Instrument :
BNA_M
ClientSampleId :
C7BA0

Tgt Ion:266 Resp: 19491

Ion	Ratio	Lower	Upper
266	100		
264	59.6	49.9	74.9
268	58.8	53.4	80.0

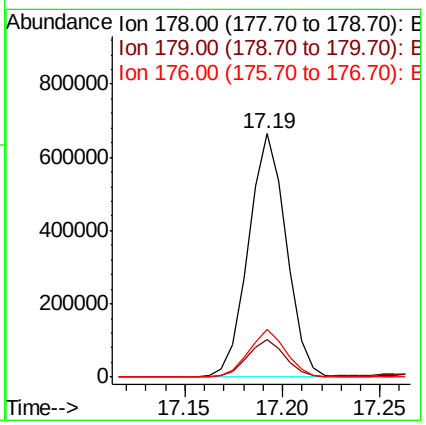


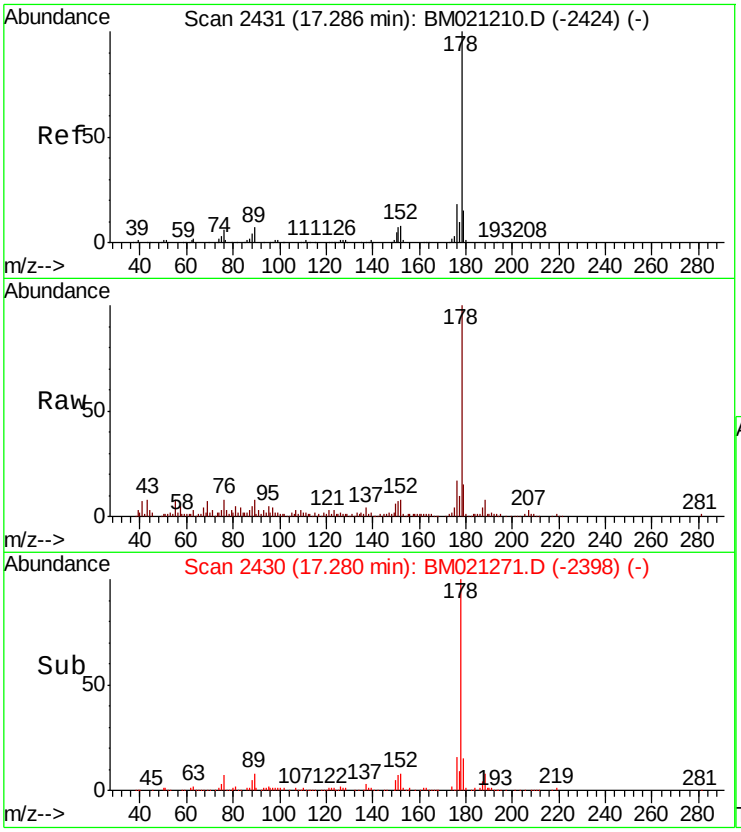


#69
Phenanthrene
Concen: 9.384 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM021271.D
Acq: 29 Jun 2019 20:40

Tgt Ion:178 Resp: 887832

Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.8	17.8
176	19.4	15.0	22.6



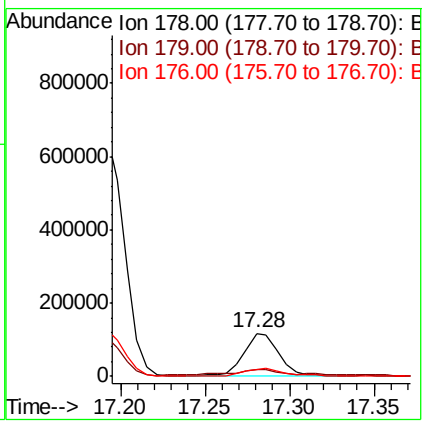


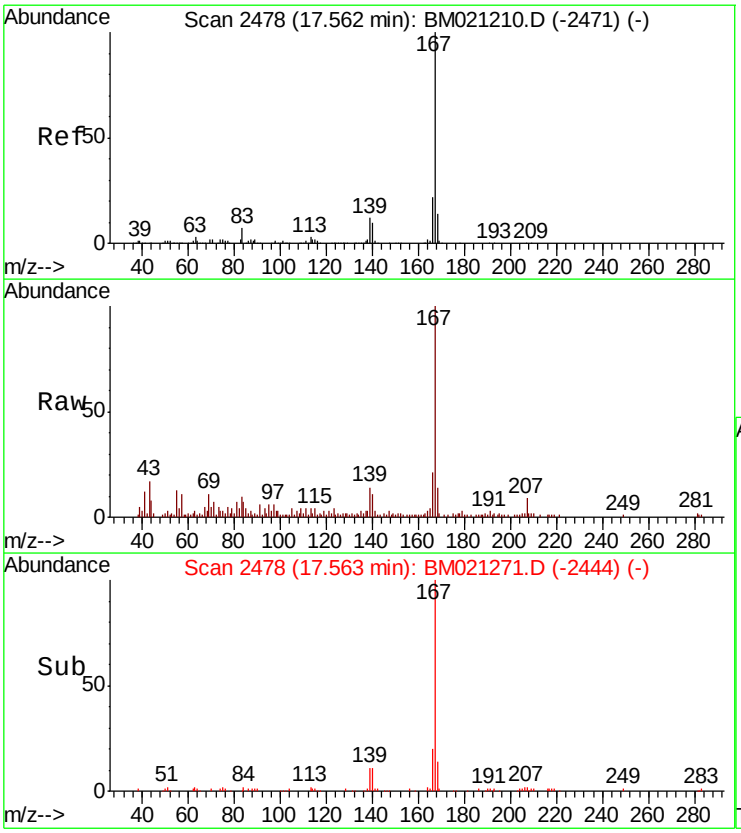
#71
Anthracene
Concen: 1.747 ng/ul
RT: 17.28 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BM021271.D
Acq: 29 Jun 2019 20:40

Instrument :
BNA_M
ClientSampleId :
C7BA0

Tgt Ion:178 Resp: 168472

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.5	18.7
176	16.9	14.6	21.8

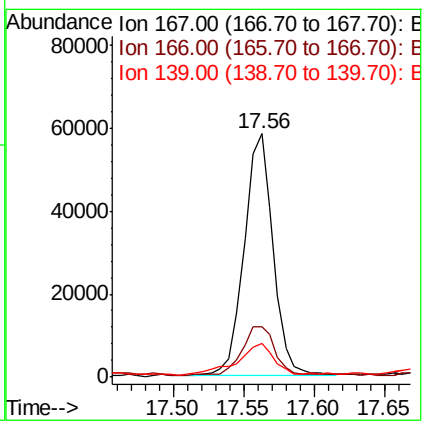


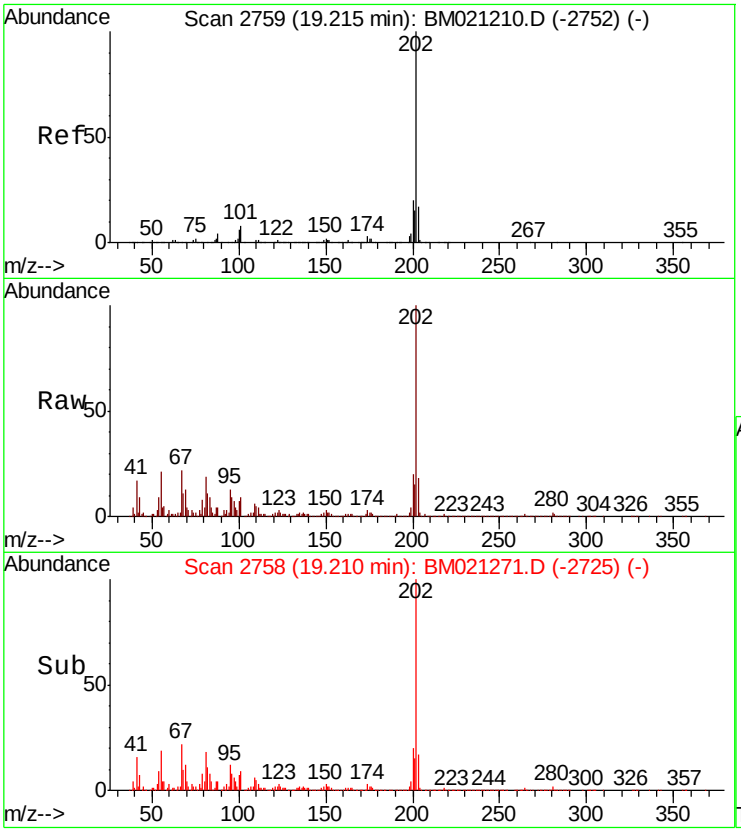


#74
Carbazole
Concen: 1.048 ng/ul
RT: 17.56 min Scan# 2478
Delta R.T. 0.00 min
Lab File: BM021271.D
Acq: 29 Jun 2019 20:40

Tgt Ion:167 Resp: 83276

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.4	26.2
139	13.8	9.8	14.6



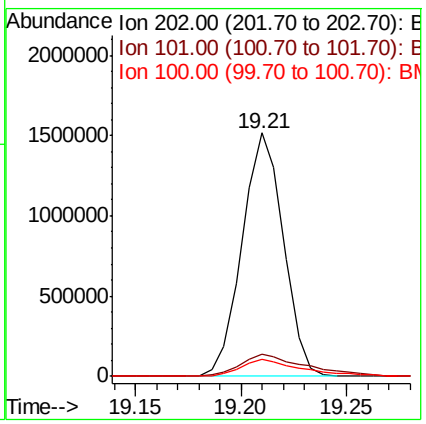


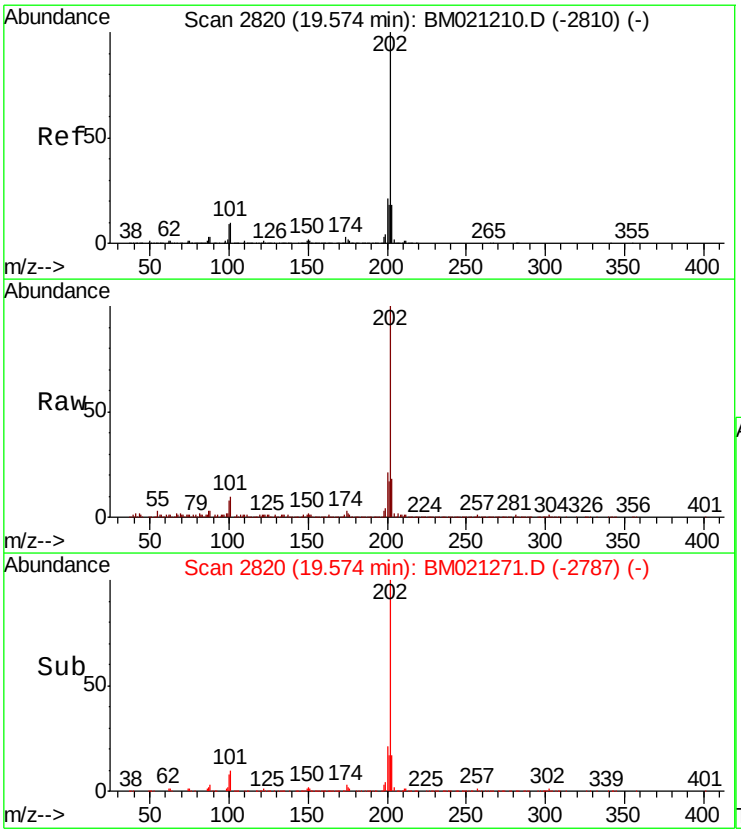
#76
Fluoranthene
Concen: 20.086 ng/ul
RT: 19.21 min Scan# 2758
Delta R.T. -0.01 min
Lab File: BM021271.D
Acq: 29 Jun 2019 20:40

Instrument :
BNA_M
ClientSampleId :
C7BA0

Tgt Ion:202 Resp: 2053380

Ion	Ratio	Lower	Upper
202	100		
101	9.0	6.7	10.1
100	7.0	5.5	8.3

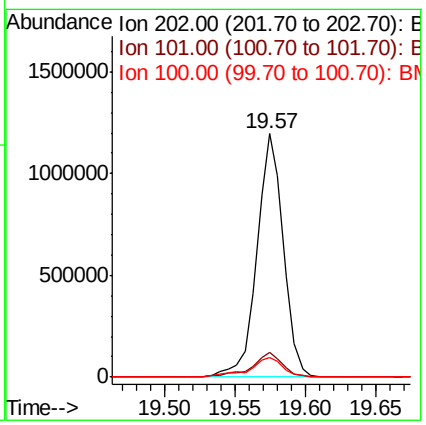


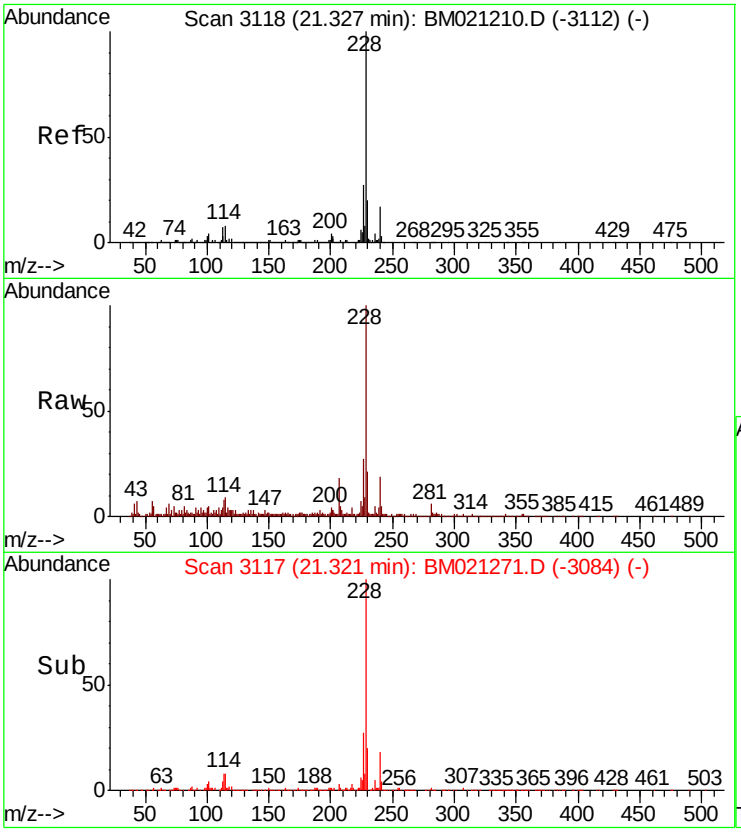


#79
Pyrene
Concen: 17.674 ng/ul
RT: 19.57 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BM021271.D
Acq: 29 Jun 2019 20:40

Tgt Ion:202 Resp: 1576280

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.1	12.1
100	8.2	6.6	10.0



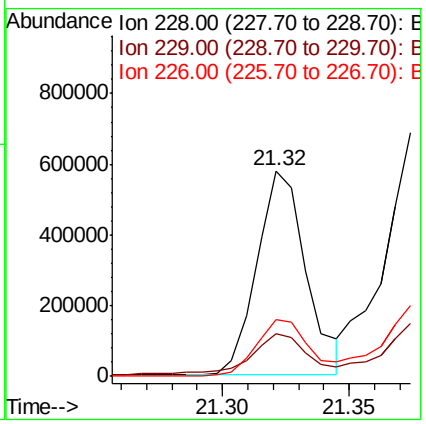


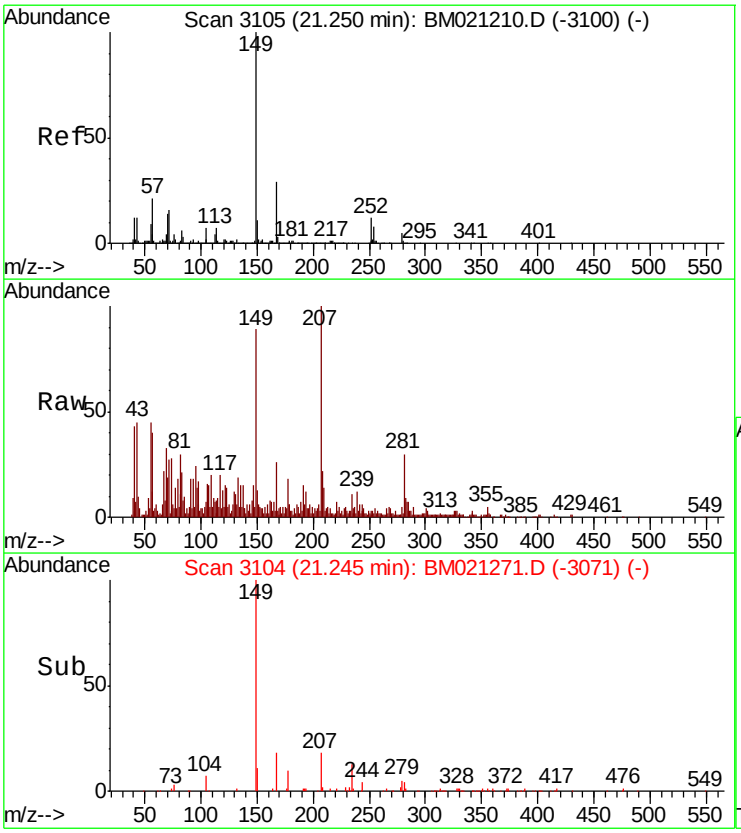
#82
Benzo(a)anthracene
Concen: 9.148 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM021271.D
Acq: 29 Jun 2019 20:40

Instrument :
BNA_M
ClientSampleId :
C7BA0

Tgt Ion:228 Resp: 786742

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.8
226	27.4	21.4	32.2

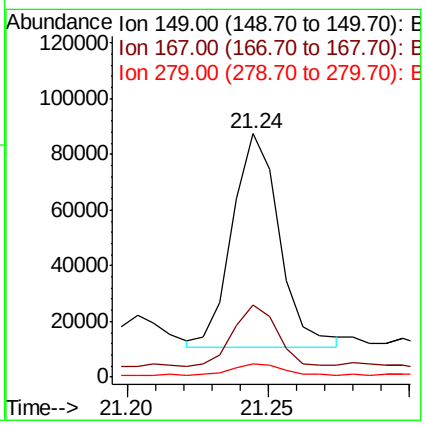


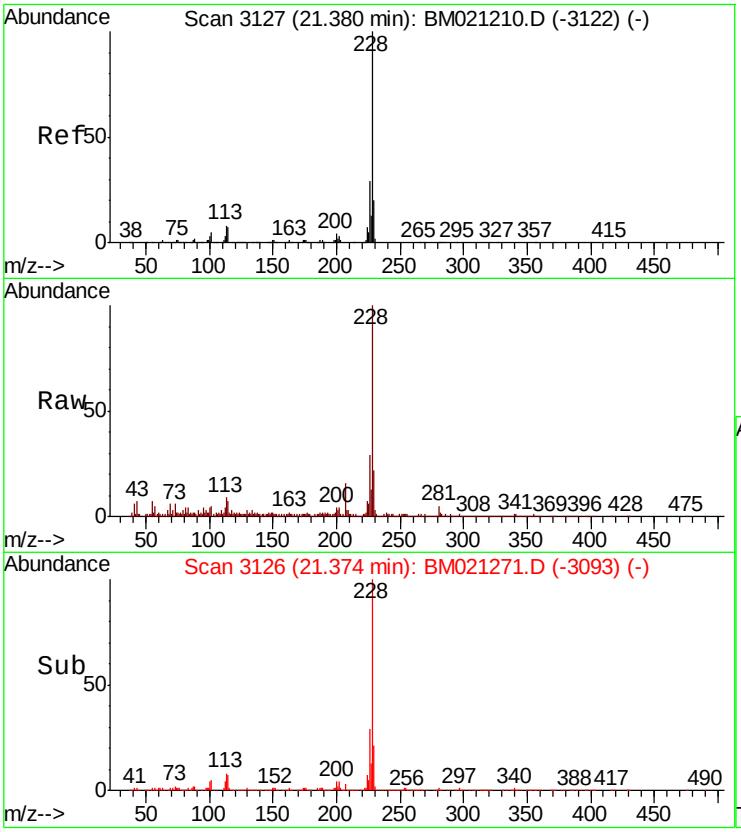


#83
Bis(2-ethylhexyl)phthalate
Concen: 1.891 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM021271.D
Acq: 29 Jun 2019 20:40

Tgt Ion:149 Resp: 88901

Ion	Ratio	Lower	Upper
149	100		
167	29.7	22.3	33.5
279	5.5	3.8	5.6



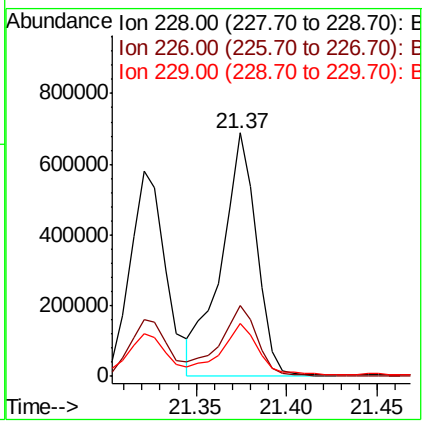


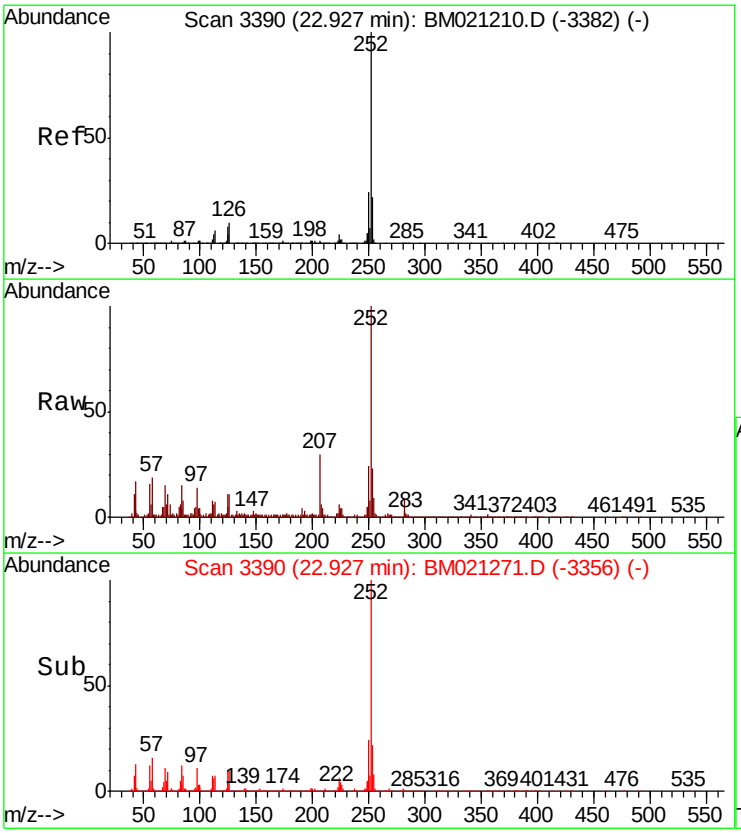
#84
Chrysene
Concen: 11.573 ng/ul
RT: 21.37 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BM021271.D
Acq: 29 Jun 2019 20:40

Instrument :
BNA_M
ClientSampleId :
C7BA0

Tgt Ion:228 Resp: 932161

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.9	35.9
229	21.6	15.4	23.2

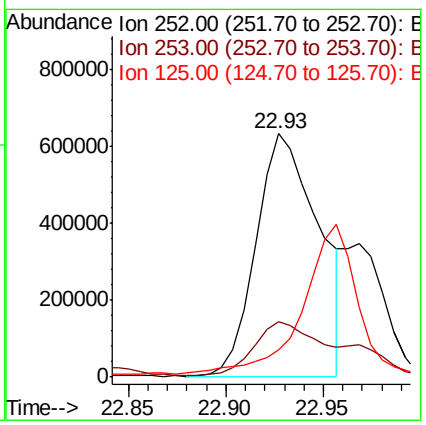


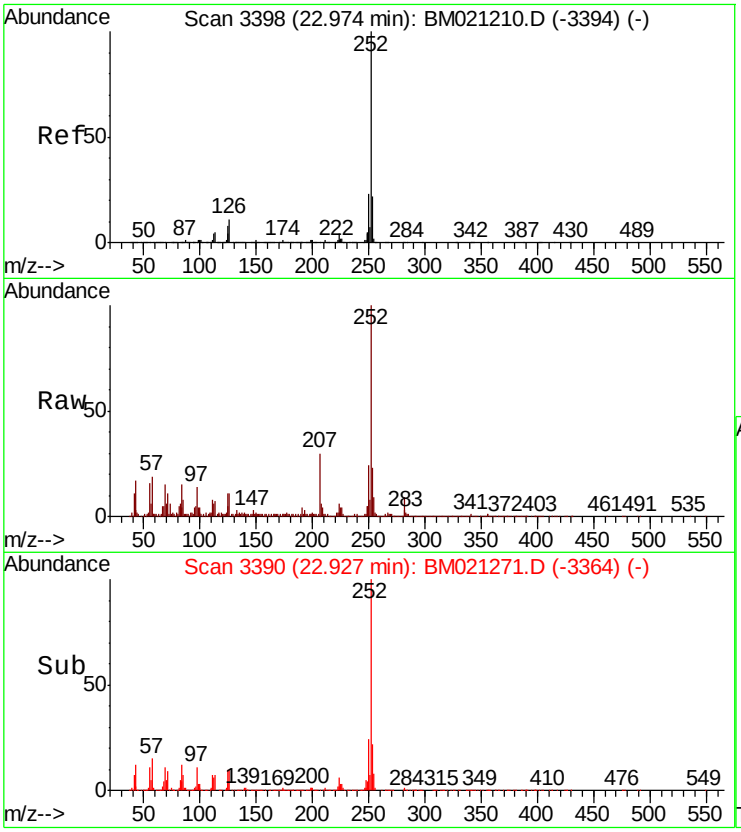


#87
Benzo(b)fluoranthene
Concen: 15.150 ng/ul
RT: 22.93 min Scan# 3390
Delta R.T. 0.00 min
Lab File: BM021271.D
Acq: 29 Jun 2019 20:40

Tgt Ion:252 Resp: 1402429

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	11.0	6.3	9.5#



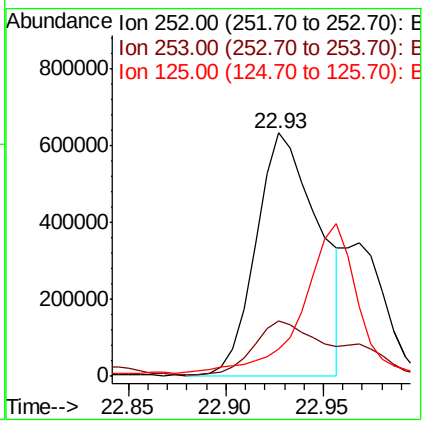


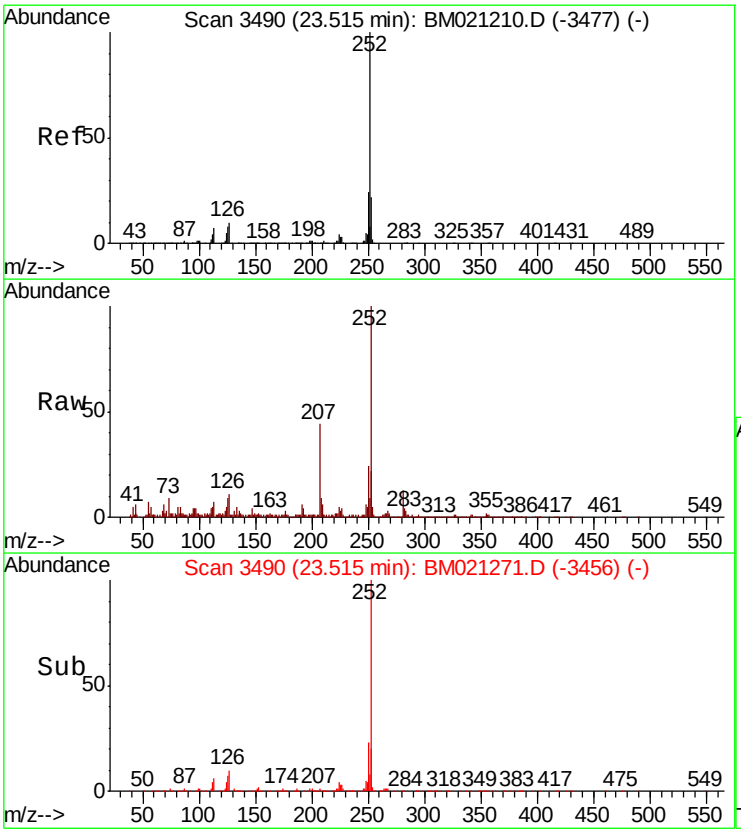
#88
Benzo(k)fluoranthene
Concen: 15.748 ng/ul
RT: 22.93 min Scan# 3390
Delta R.T. -0.05 min
Lab File: BM021271.D
Acq: 29 Jun 2019 20:40

Instrument :
BNA_M
ClientSampleId :
C7BA0

Tgt Ion:252 Resp: 1402429

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	11.0	6.6	9.8#

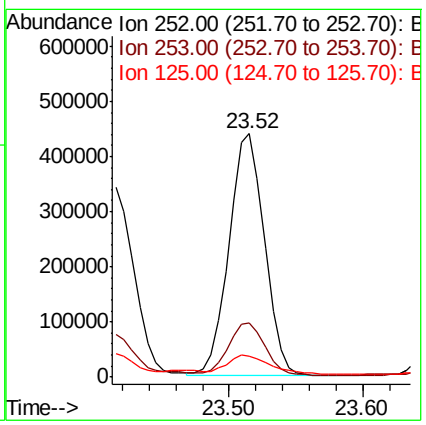


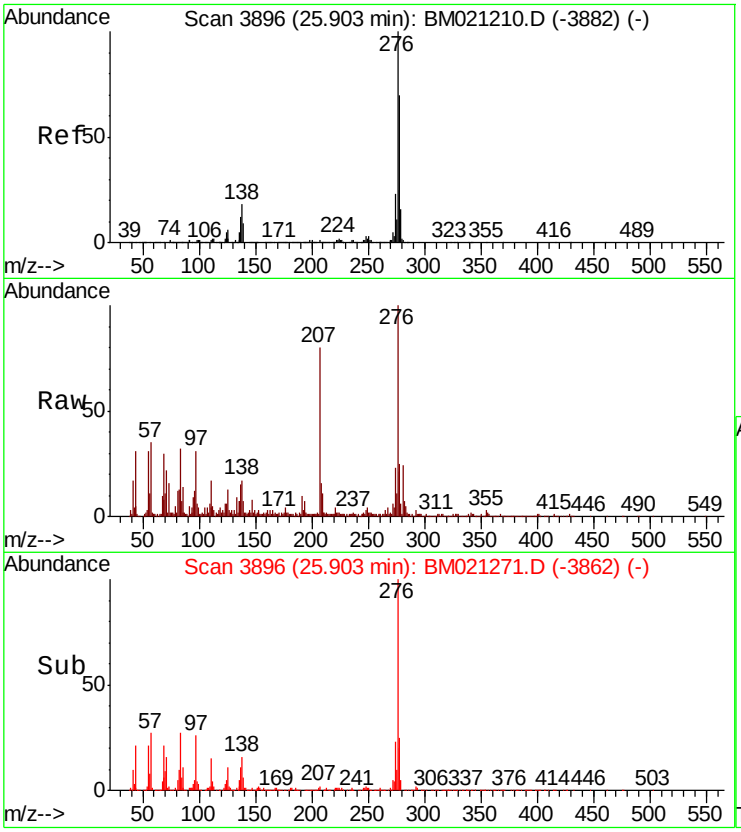


#90
Benzo(a)pyrene
Concen: 9.297 ng/ul
RT: 23.52 min Scan# 3490
Delta R.T. 0.00 min
Lab File: BM021271.D
Acq: 29 Jun 2019 20:40

Tgt Ion:252 Resp: 810018

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	8.8	7.2	10.8



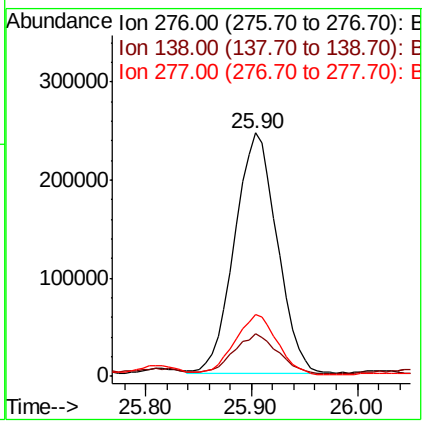


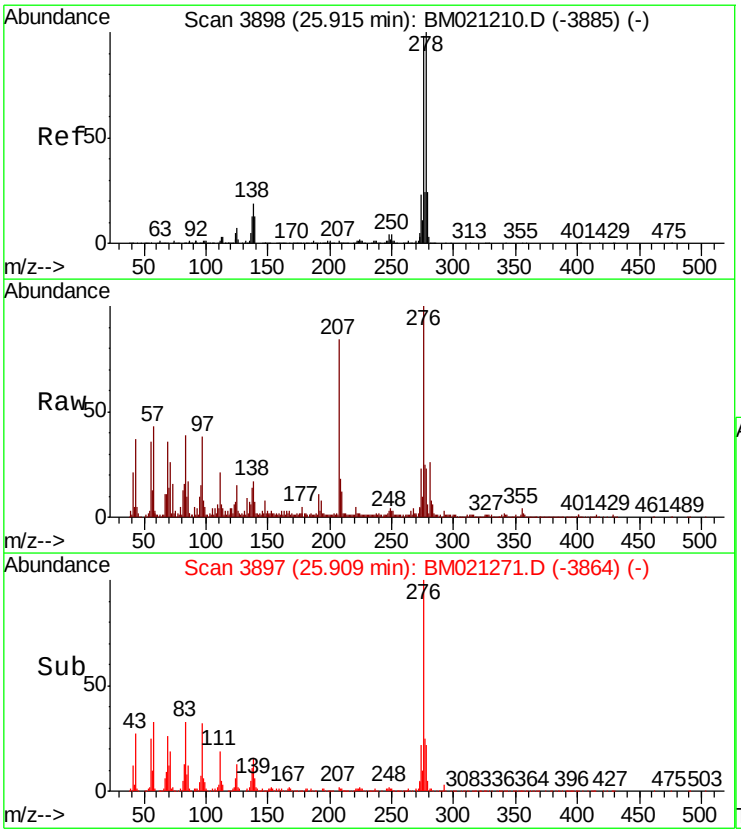
#91
Indeno(1,2,3-cd)pyrene
Concen: 6.647 ng/ul
RT: 25.90 min Scan# 3896
Delta R.T. 0.00 min
Lab File: BM021271.D
Acq: 29 Jun 2019 20:40

Instrument :
BNA_M
ClientSampleId :
C7BA0

Tgt Ion:276 Resp: 681966

Ion	Ratio	Lower	Upper
276	100		
138	17.3	15.9	23.9
277	25.2	20.4	30.6

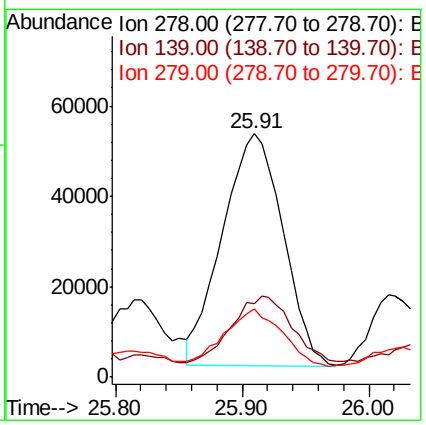


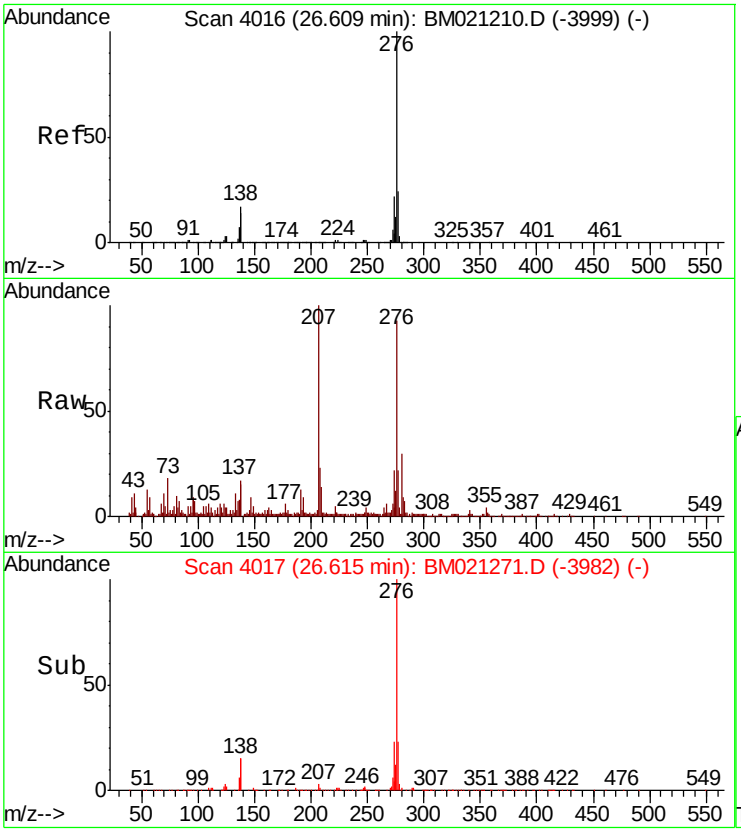


#92
Dibenzo(a,h)anthracene
Concen: 1.969 ng/ul
RT: 25.91 min Scan# 3897
Delta R.T. -0.01 min
Lab File: BM021271.D
Acq: 29 Jun 2019 20:40

Tgt Ion:278 Resp: 169971

Ion	Ratio	Lower	Upper
278	100		
139	29.9	10.6	15.8#
279	28.1	19.0	28.4





#93
Benzo(g,h,i)perylene
Concen: 6.837 ng/ul
RT: 26.61 min Scan# 4017
Delta R.T. 0.01 min
Lab File: BM021271.D
Acq: 29 Jun 2019 20:40

Instrument :
BNA_M
ClientSampleId :
C7BA0

Tgt Ion:276 Resp: 577710

Ion	Ratio	Lower	Upper
276	100		
138	15.9	14.6	21.8
277	23.6	18.9	28.3