Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
Data File : BM021174.D
Acq On : 25 Jun 2019 22:53
Operator : HP/JU
Sample : K3498-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA4

Quant Time: Jun 26 01:39:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 26 01:32:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	275650	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1203100	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	792504	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1773662	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1284570	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1338529	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	20296	3.50	ng/uL	0.00
5) Phenol-d5	6.94	99	490385	20.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	318347	22.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	424873	21.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	391798	19.56	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	245302	25.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	269944	24.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	540267	24.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	397095	17.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1863994	26.03	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	2206176	25.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	140619	12.07	ng/ul	0.00
57) Fluorene-d10	15.40	176	1637425	26.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	200470	18.39	ng/ul	0.00
70) Anthracene-d10	17.26	188	2481198	26.92	ng/ul	0.00
78) Pyrene-d10	19.55	212	2347431	30.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	2070627	26.22	ng/ul	0.00
Target Compounds						Qvalue
8) Bis(2-Chloroethyl)ether	7.20	93	46840	2.704	ng/ul#	26
11) 2-Methylphenol	8.07	108	21029	1.198	ng/ul#	16
44) Dimethylphthalate	13.87	163	425554	6.528	ng/ul	99
69) Phenanthrene	17.20	178	946050	9.644	ng/ul	99
71) Anthracene	17.29	178	115417	1.155	ng/ul	99
74) Carbazole	17.56	167	123908	1.504	ng/ul	100
76) Fluoranthene	19.22	202	3193426	30.129	ng/ul	99
79) Pyrene	19.58	202	2501446	27.545	ng/ul	100
82) Benzo(a)anthracene	21.33	228	1161655	13.264	ng/ul	98
84) Chrysene	21.37	228	1374938	16.763	ng/ul	97
87) Benzo(b)fluoranthene	22.93	252	1847163	21.785	ng/ul	99
88) Benzo(k)fluoranthene	22.93	252	1847163	22.645	ng/ul	99
90) Benzo(a)pyrene	23.52	252	1059442	13.275	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	877154	9.334	ng/ul	95
93) Benzo(g,h,i)perylene	26.60	276	712859	9.210	ng/ul	98

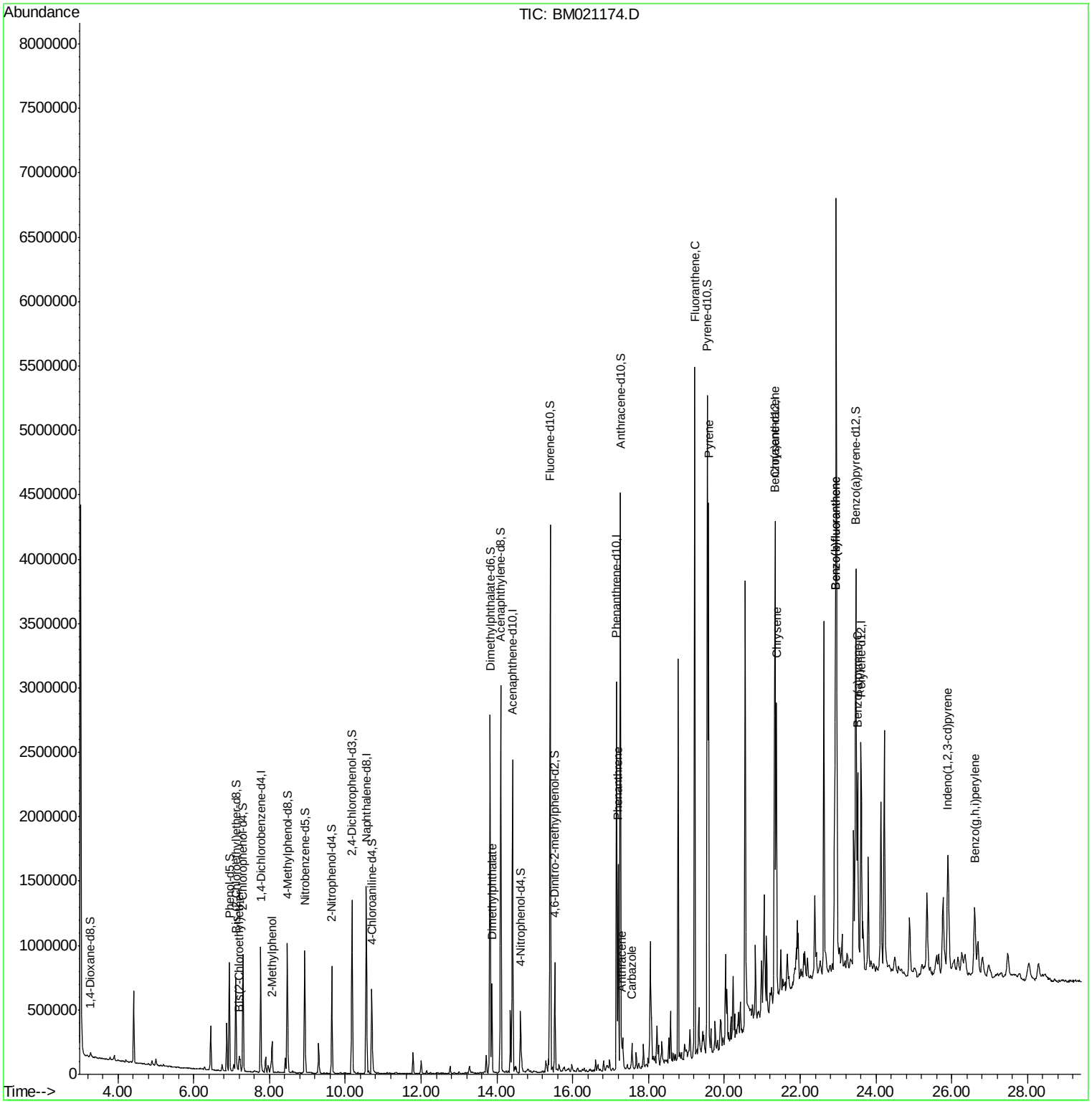
(#) = qualifier out of range (m) = manual integration (+) = signals summed

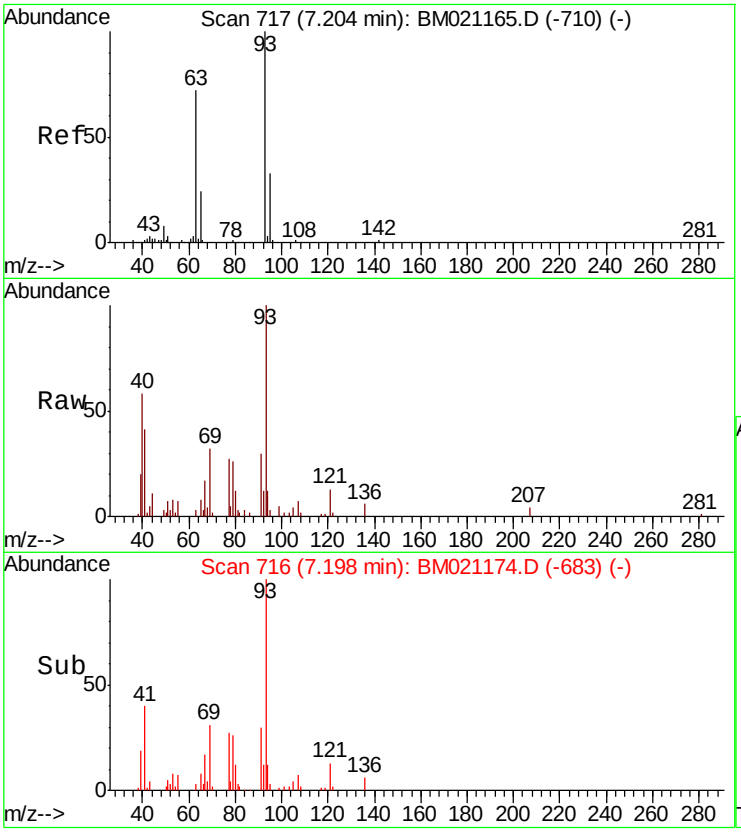
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
Data File : BM021174.D
Acq On : 25 Jun 2019 22:53
Operator : HP/JU
Sample : K3498-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5AA4

Quant Time: Jun 26 01:39:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 26 01:32:57 2019
Response via : Initial Calibration



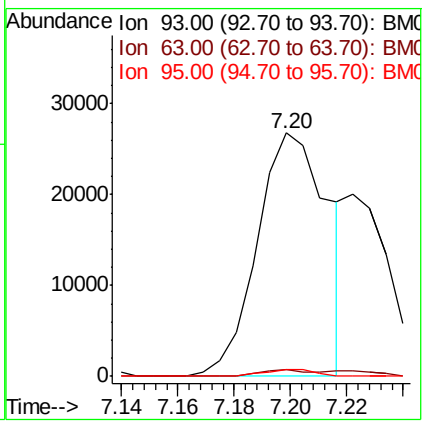


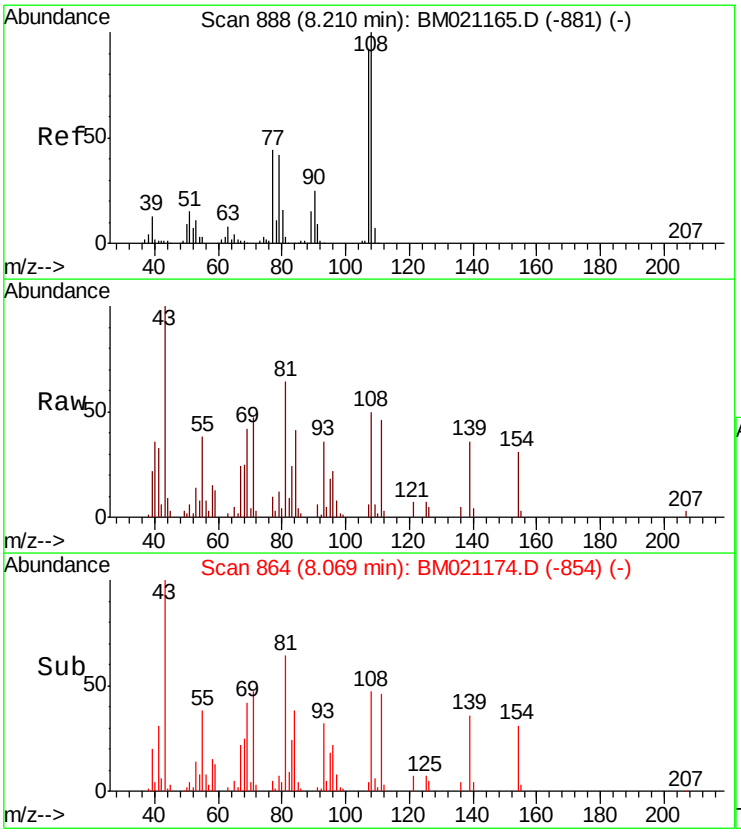
#8
Bis(2-Chloroethyl)ether
Concen: 2.704 ng/ul
RT: 7.20 min Scan# 716
Delta R.T. -0.01 min
Lab File: BM021174.D
Acq: 25 Jun 2019 22:53

Instrument :
BNA_M
ClientSampleId :
C5AA4

Tgt Ion: 93 Resp: 46840

Ion	Ratio	Lower	Upper
93	100		
63	2.8	57.9	86.9#
95	2.8	26.2	39.4#

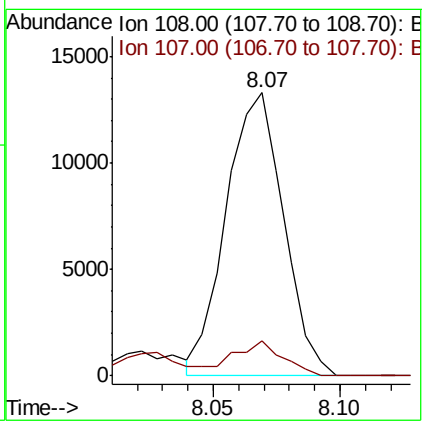


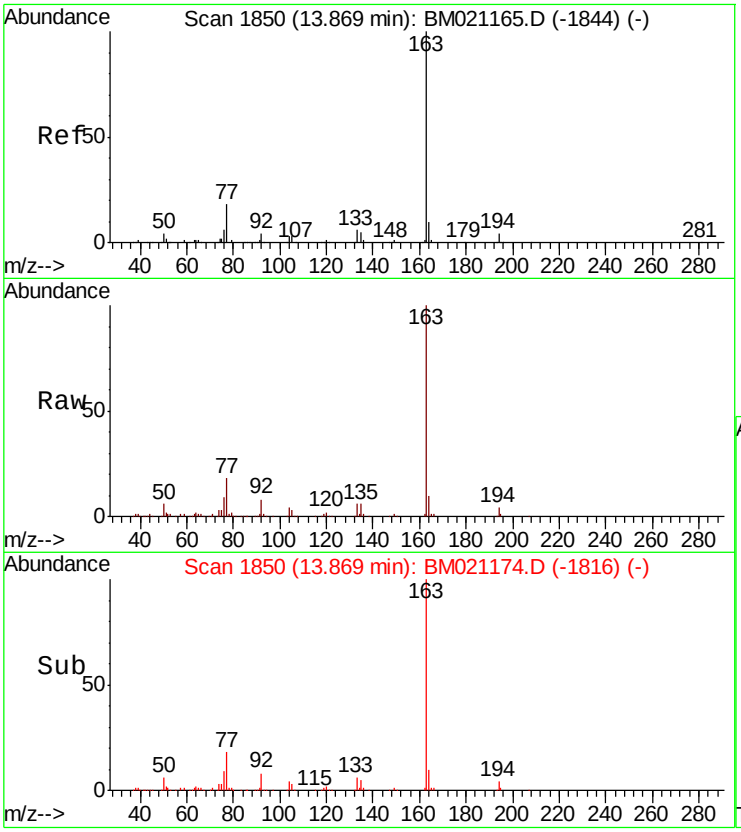


#11
2-Methylphenol
Concen: 1.198 ng/ul
RT: 8.07 min Scan# 864
Delta R.T. -0.14 min
Lab File: BM021174.D
Acq: 25 Jun 2019 22:53

Tgt Ion:108 Resp: 21029

Ion	Ratio	Lower	Upper
108	100		
107	12.4	74.6	111.8#



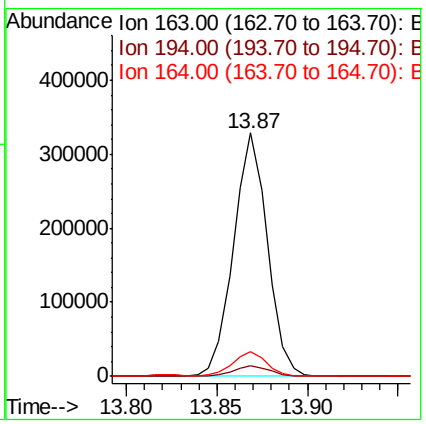


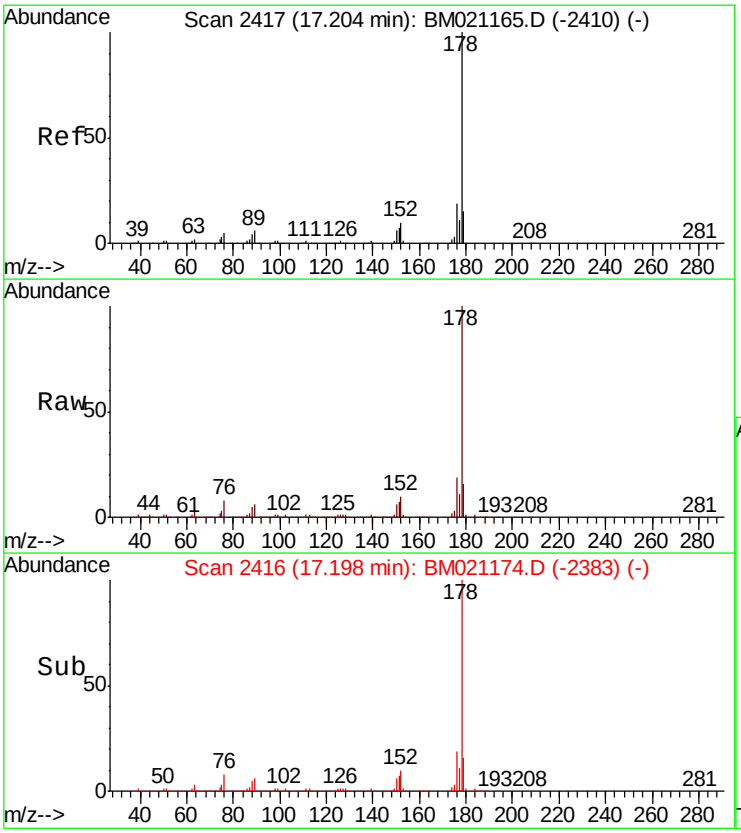
#44
Dimethylphthalate
Concen: 6.528 ng/ul
RT: 13.87 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BM021174.D
Acq: 25 Jun 2019 22:53

Instrument :
BNA_M
ClientSampleId :
C5AA4

Tgt Ion:163 Resp: 425554

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.3	7.7	11.5

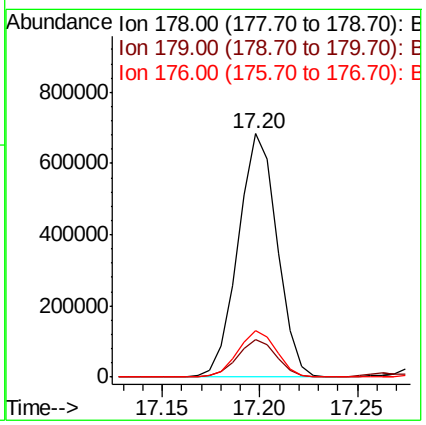


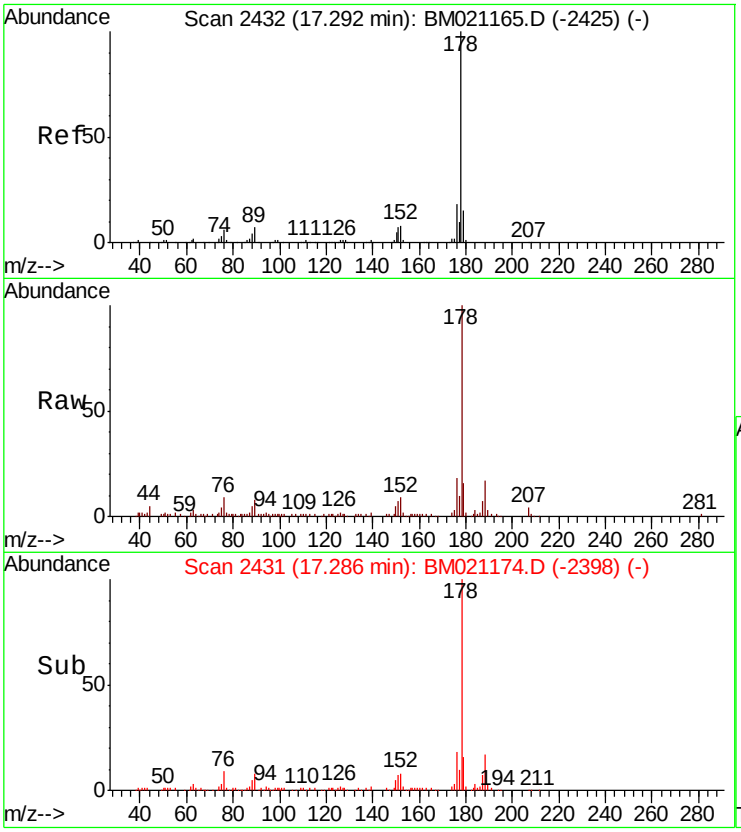


#69
Phenanthrene
Concen: 9.644 ng/ul
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM021174.D
Acq: 25 Jun 2019 22:53

Tgt Ion:178 Resp: 946050

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	19.3	15.0	22.6



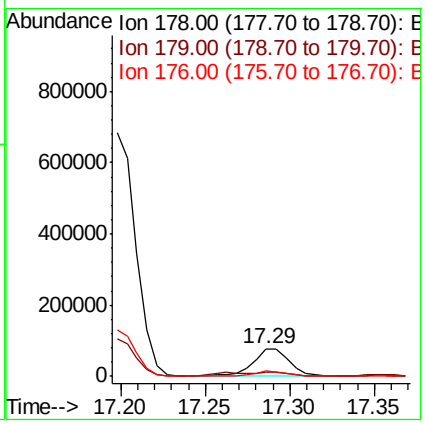


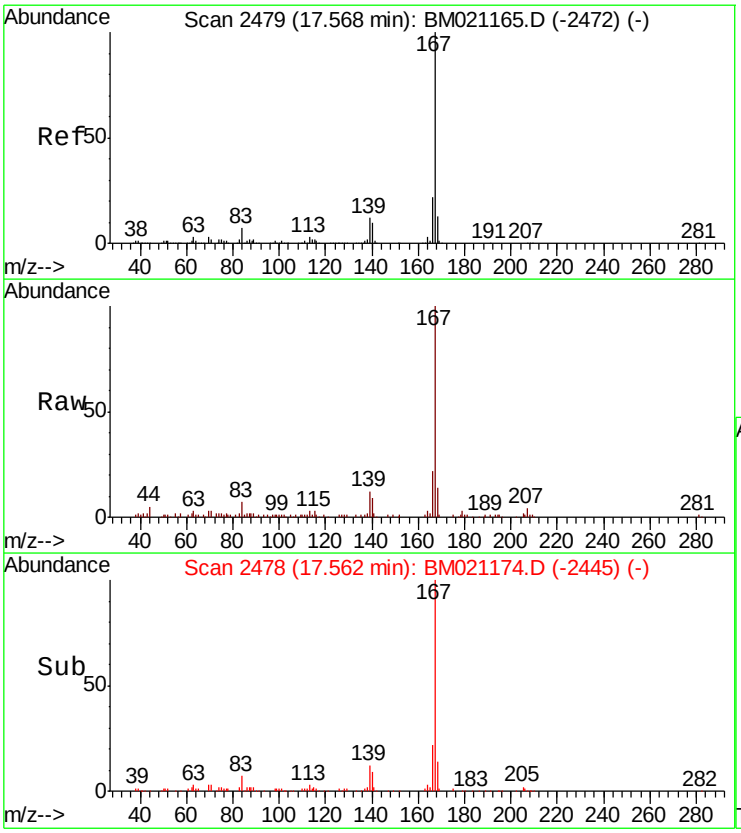
#71
Anthracene
Concen: 1.155 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BM021174.D
Acq: 25 Jun 2019 22:53

Instrument :
BNA_M
ClientSampleId :
C5AA4

Tgt Ion:178 Resp: 115417

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.5	18.7
176	18.4	14.6	21.8

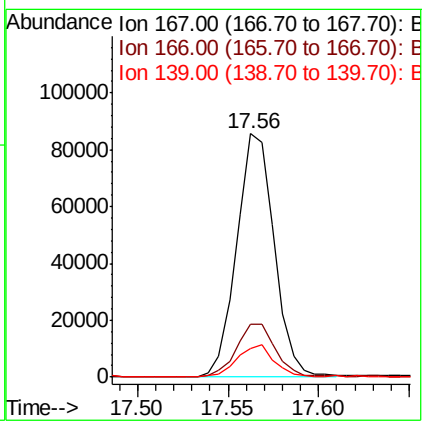


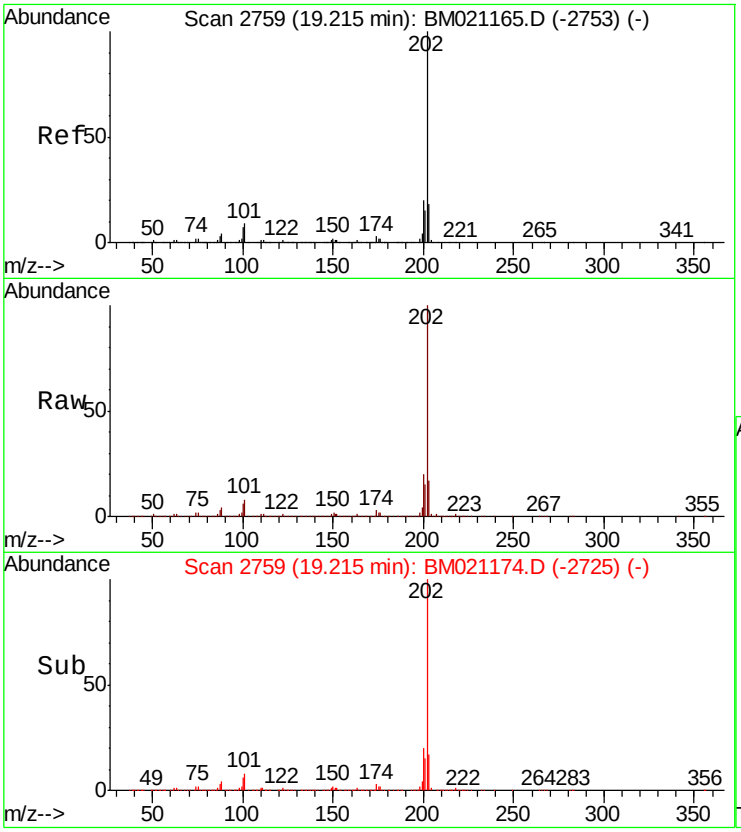


#74
Carbazole
Concen: 1.504 ng/ul
RT: 17.56 min Scan# 2478
Delta R.T. -0.01 min
Lab File: BM021174.D
Acq: 25 Jun 2019 22:53

Tgt Ion:167 Resp: 123908

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.2
139	12.0	9.8	14.6



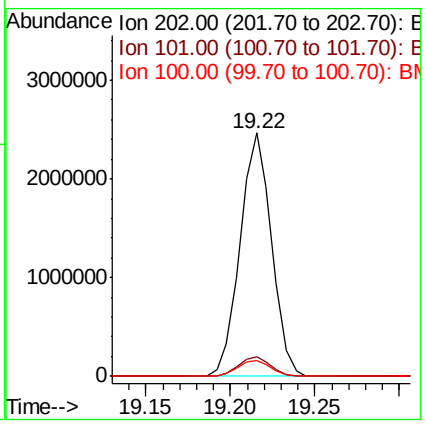


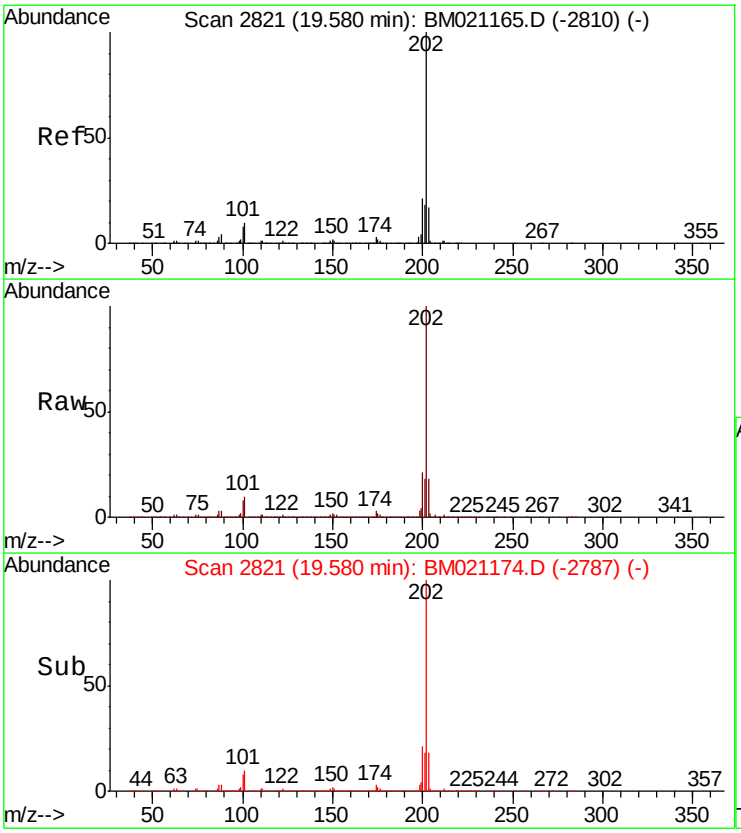
#76
Fluoranthene
Concen: 30.129 ng/ul
RT: 19.22 min Scan# 2759
Delta R.T. -0.00 min
Lab File: BM021174.D
Acq: 25 Jun 2019 22:53

Instrument :
BNA_M
ClientSampleId :
C5AA4

Tgt Ion:202 Resp: 3193426

Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.7	10.1
100	6.4	5.5	8.3

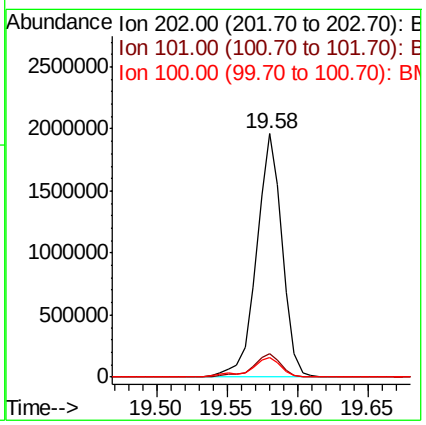


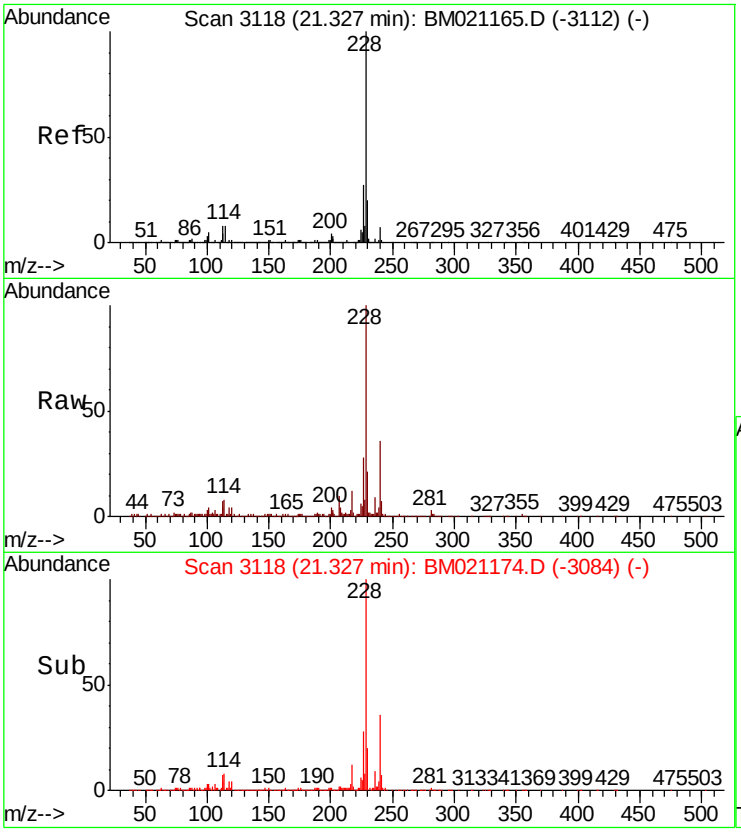


#79
Pyrene
Concen: 27.545 ng/ul
RT: 19.58 min Scan# 2821
Delta R.T. -0.00 min
Lab File: BM021174.D
Acq: 25 Jun 2019 22:53

Tgt Ion:202 Resp: 2501446

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.1	12.1
100	8.2	6.6	10.0



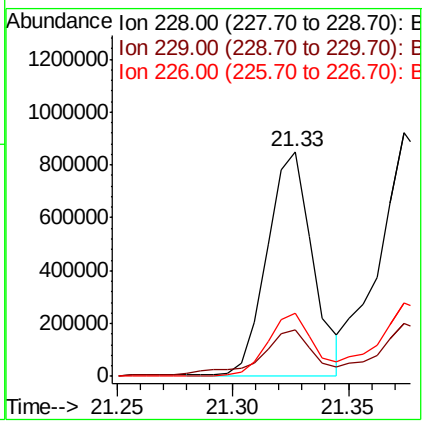


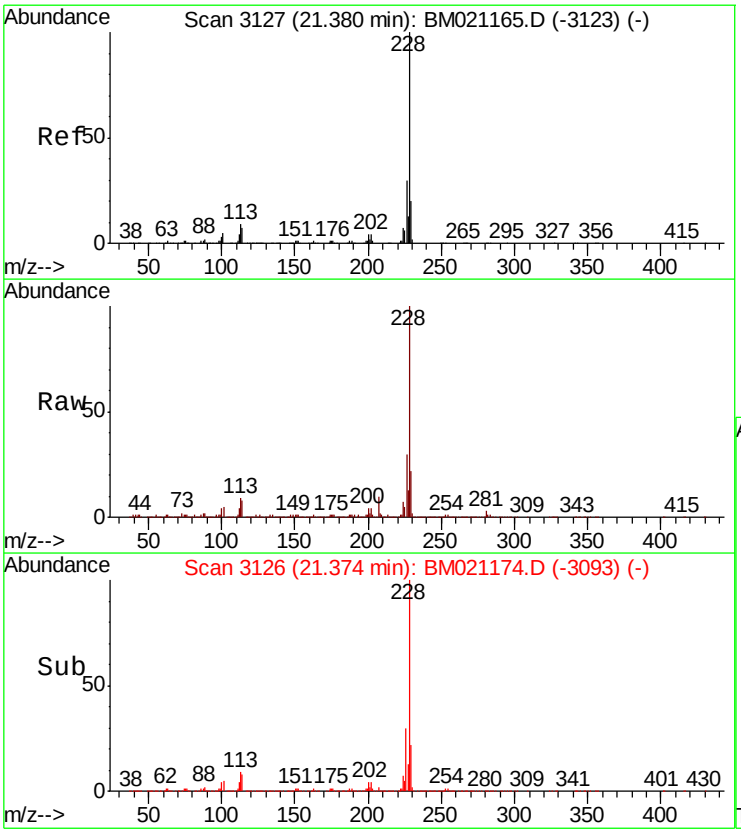
#82
Benzo(a)anthracene
Concen: 13.264 ng/ul
RT: 21.33 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BM021174.D
Acq: 25 Jun 2019 22:53

Instrument :
BNA_M
ClientSampleId :
C5AA4

Tgt Ion:228 Resp: 1161655

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.8
226	27.9	21.4	32.2

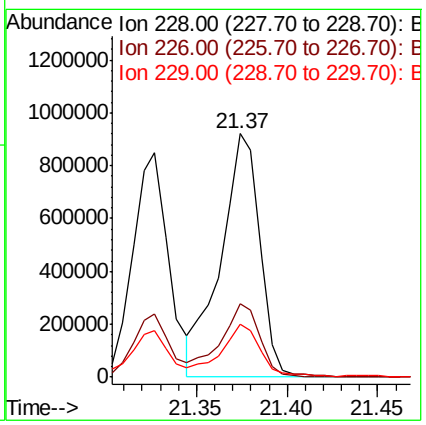


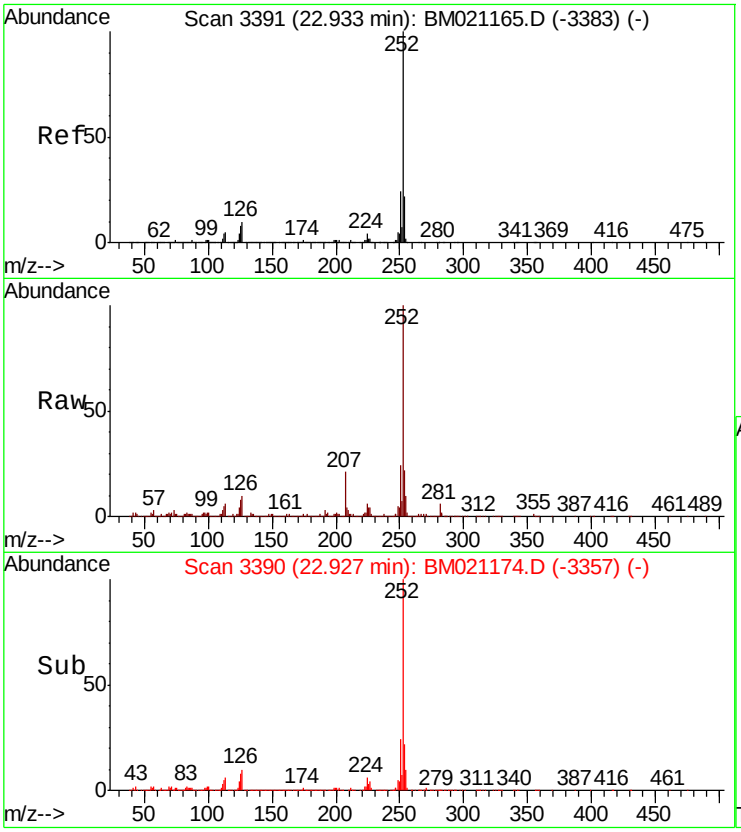


#84
Chrysene
Concen: 16.763 ng/ul
RT: 21.37 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BM021174.D
Acq: 25 Jun 2019 22:53

Tgt Ion:228 Resp: 1374938

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.9	35.9
229	21.7	15.4	23.2



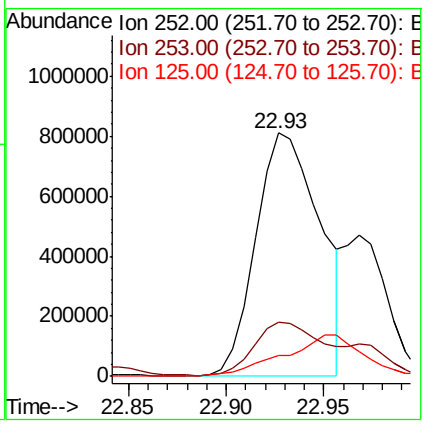


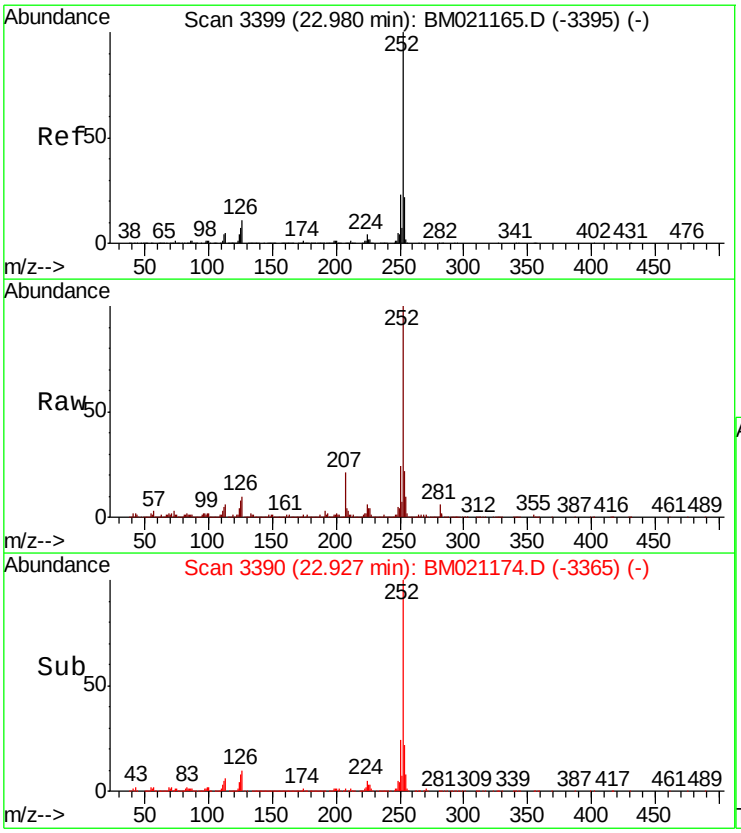
#87
Benzo(b)fluoranthene
Concen: 21.785 ng/ul
RT: 22.93 min Scan# 3390
Delta R.T. -0.01 min
Lab File: BM021174.D
Acq: 25 Jun 2019 22:53

Instrument :
BNA_M
ClientSampleId :
C5AA4

Tgt Ion:252 Resp: 1847163

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	8.4	6.3	9.5

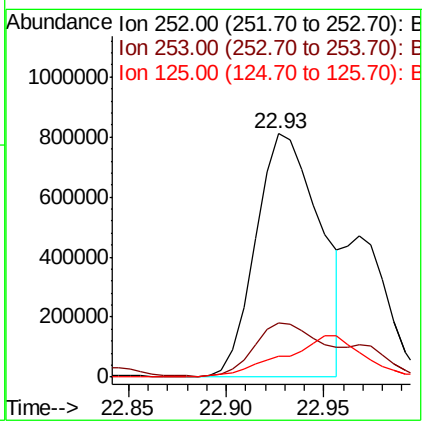


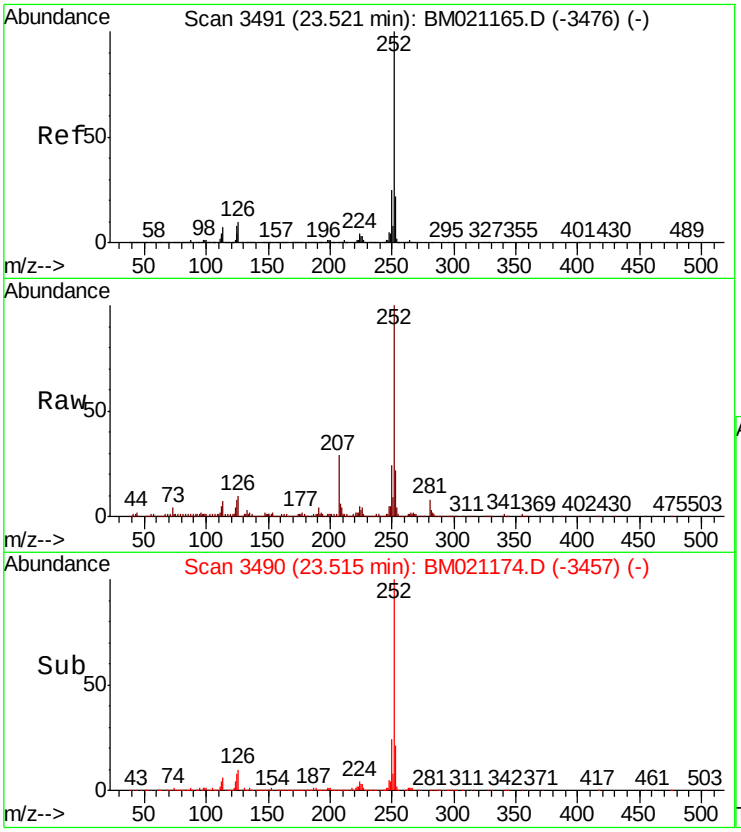


#88
Benzo(k)fluoranthene
Concen: 22.645 ng/ul
RT: 22.93 min Scan# 3390
Delta R.T. -0.05 min
Lab File: BM021174.D
Acq: 25 Jun 2019 22:53

Tgt Ion:252 Resp: 1847163

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	8.4	6.6	9.8



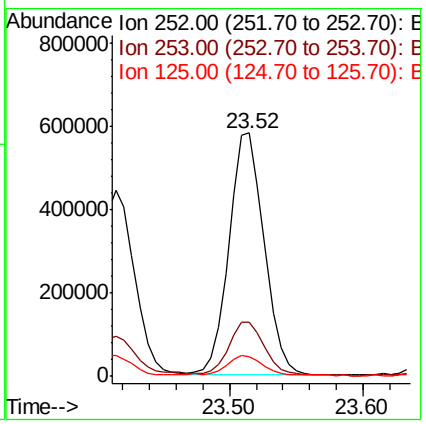


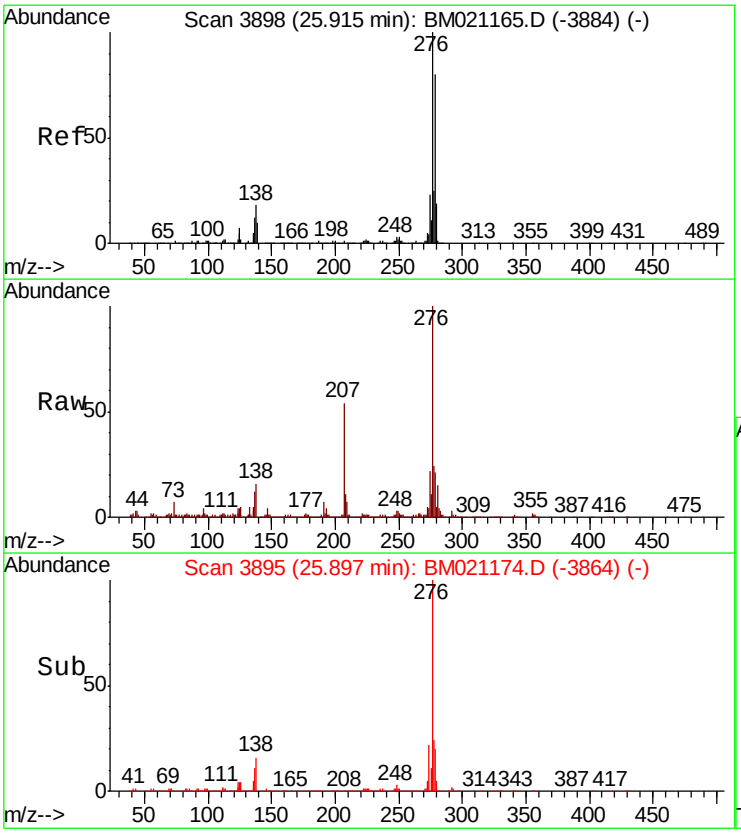
#90
Benzo(a)pyrene
Concen: 13.275 ng/ul
RT: 23.52 min Scan# 3490
Delta R.T. -0.01 min
Lab File: BM021174.D
Acq: 25 Jun 2019 22:53

Instrument :
BNA_M
ClientSampleId :
C5AA4

Tgt Ion:252 Resp: 1059442

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	8.2	7.2	10.8

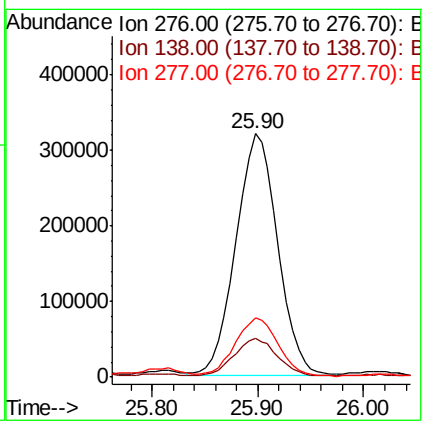


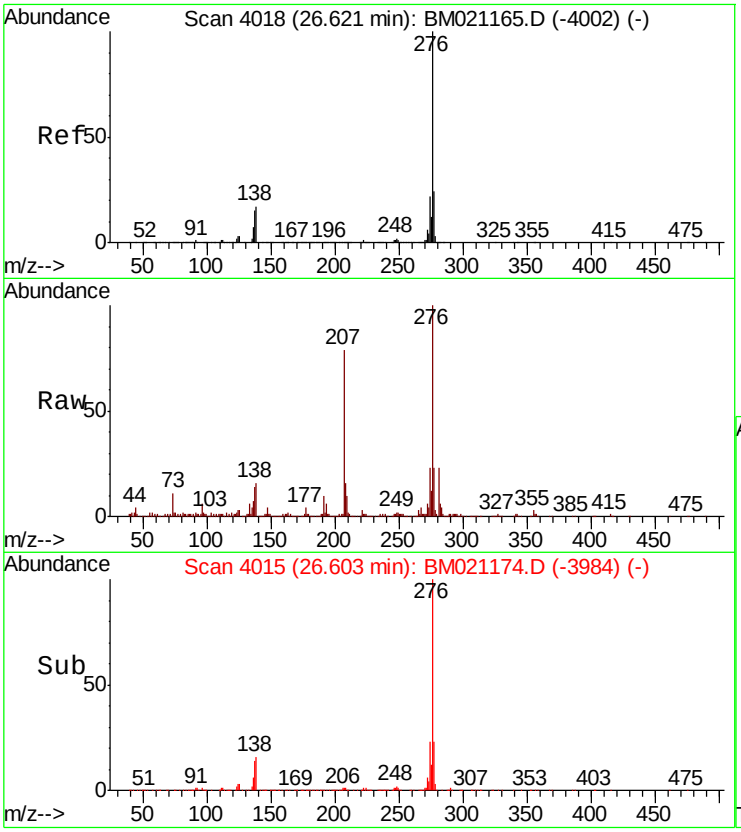


#91
Indeno(1,2,3-cd)pyrene
Concen: 9.334 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.02 min
Lab File: BM021174.D
Acq: 25 Jun 2019 22:53

Tgt Ion:276 Resp: 877154

Ion	Ratio	Lower	Upper
276	100		
138	16.1	15.9	23.9
277	24.1	20.4	30.6





#93
Benzo(g,h,i)perylene
Concen: 9.210 ng/ul
RT: 26.60 min Scan# 4015
Delta R.T. -0.02 min
Lab File: BM021174.D
Acq: 25 Jun 2019 22:53

Instrument :
BNA_M
ClientSampleId :
C5AA4

Tgt Ion:276 Resp: 712859

Ion	Ratio	Lower	Upper
276	100		
138	16.0	14.6	21.8
277	23.4	18.9	28.3