Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021920\
Data File : BP001778.D
Acq On : 19 Feb 2020 14:57
Operator : CG/JU
Sample : L1424-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B07

Quant Time: Feb 19 16:42:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 02:37:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	428656	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1807458	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1137400	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2500881	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2621695	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2829144	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	35102	3.40	ng/uL	0.00
5) Phenol-d5	6.83	99	611994	18.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	392815	20.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	537446	20.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	453533	17.65	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	243722	19.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	228448	20.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	507564	19.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	608306	19.55	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1676628	21.01	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	2009149	20.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	177881	12.80	ng/ul	0.00
58) Fluorene-d10	15.29	176	1529701	21.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	131847	13.37	ng/ul	0.00
71) Anthracene-d10	17.14	188	2274584	20.65	ng/ul	0.00
79) Pyrene-d10	19.39	212	2782230	20.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	2994516	21.92	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.86	94	46111	1.343	ng/ul	93
45) Dimethylphthalate	13.75	163	161998	1.928	ng/ul	97
77) Fluoranthene	19.06	202	316928	2.146	ng/ul	99
80) Pyrene	19.41	202	330393	1.853	ng/ul	99
83) Benzo(a)anthracene	21.12	228	201689	1.168	ng/ul	99
85) Chrysene	21.17	228	195212	1.157	ng/ul	98
88) Benzo(b)fluoranthene	22.69	252	258412	1.552	ng/ul	99
91) Benzo(a)pyrene	23.25	252	189820	1.217	ng/ul	99

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

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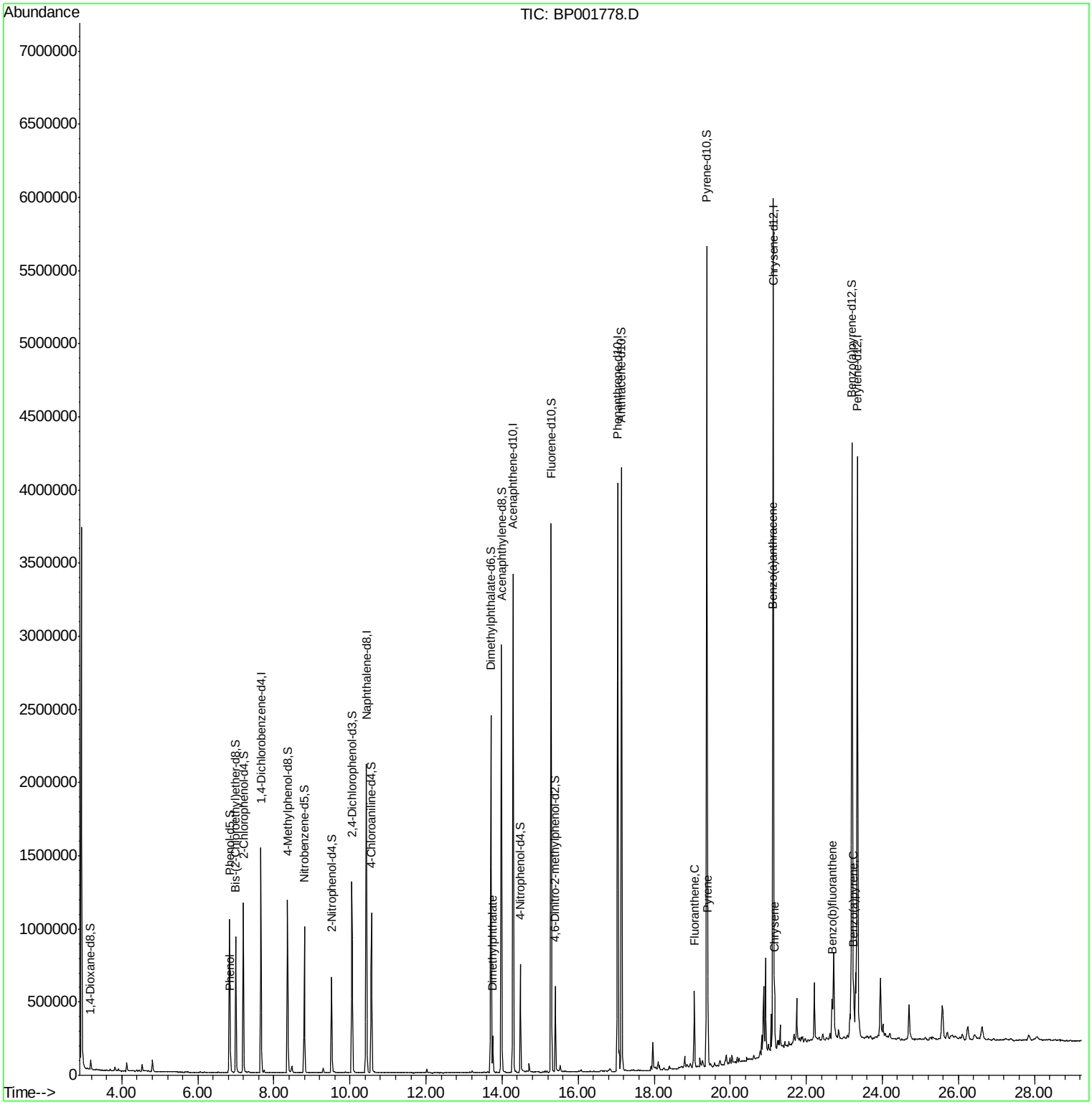
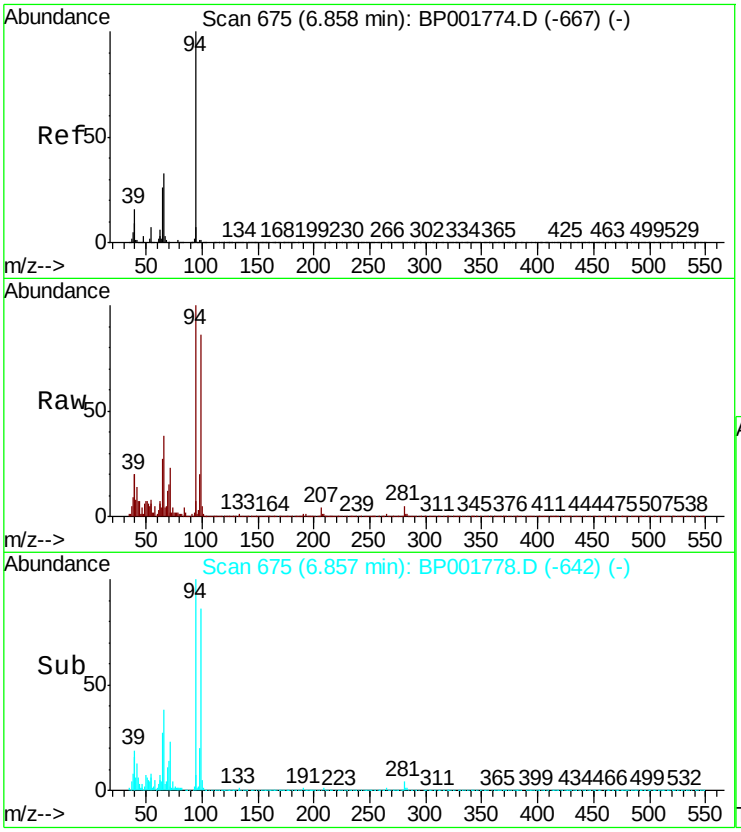


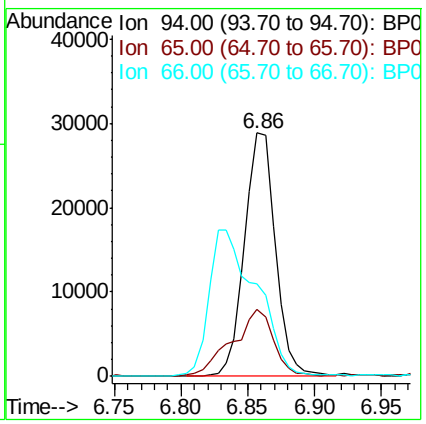


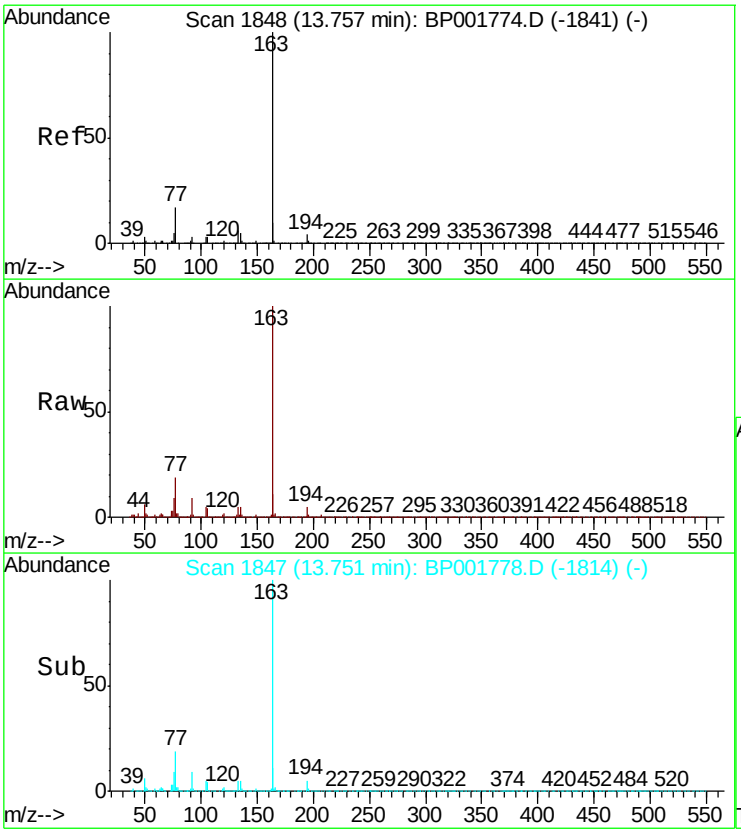
#6
Phenol
Concen: 1.343 ng/ul
RT: 6.86 min Scan# 675
Delta R.T. -0.01 min
Lab File: BP001778.D
Acq: 19 Feb 2020 14:57

Instrument :
BNA_P
ClientSampleId :
C5B07

Tgt Ion: 94 Resp: 46111

Ion	Ratio	Lower	Upper
94	100		
65	27.4	19.8	29.6
66	38.0	26.6	39.8

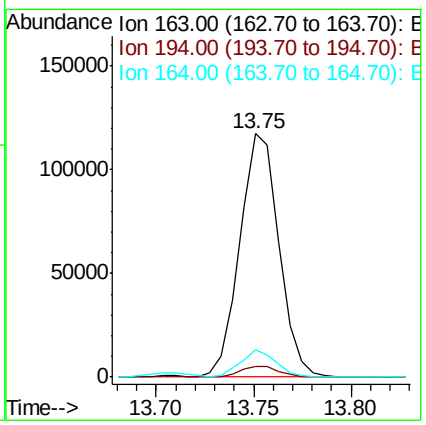


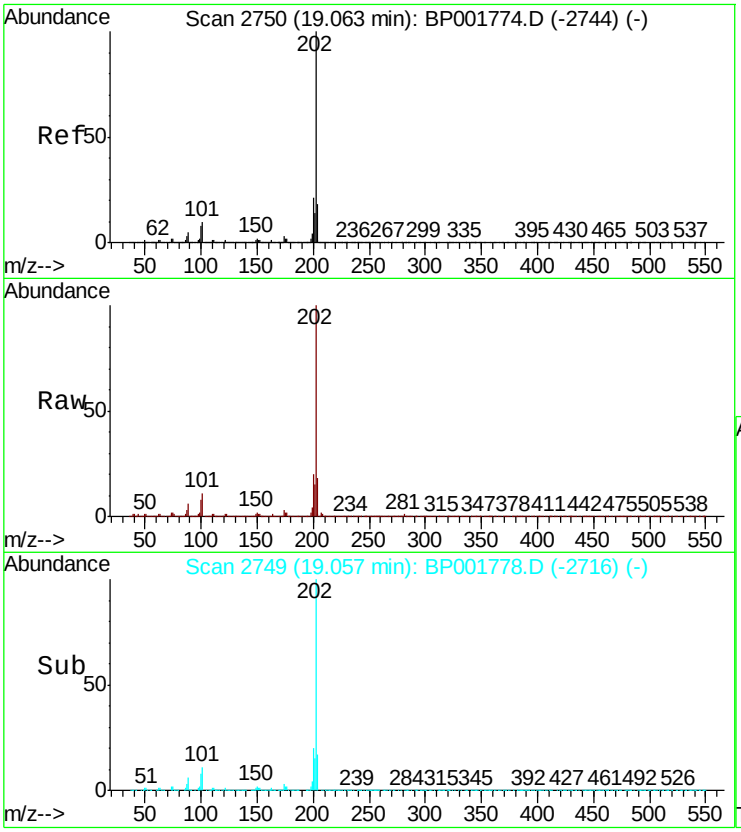


#45
Dimethylphthalate
Concen: 1.928 ng/ul
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BP001778.D
Acq: 19 Feb 2020 14:57

Tgt Ion:163 Resp: 161998

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	11.3	8.0	12.0



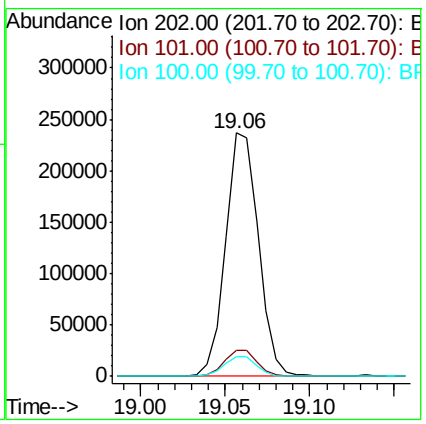


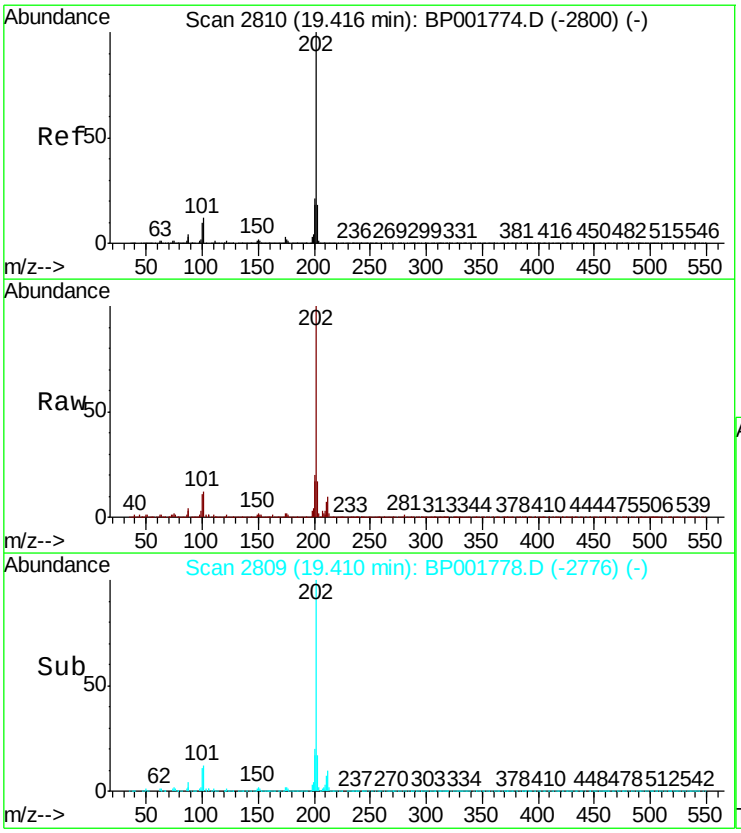
#77
Fluoranthene
Concen: 2.146 ng/ul
RT: 19.06 min Scan# 2749
Delta R.T. -0.01 min
Lab File: BP001778.D
Acq: 19 Feb 2020 14:57

Instrument :
BNA_P
ClientSampleId :
C5B07

Tgt Ion:202 Resp: 316928

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.1	13.7
100	8.3	6.6	9.8

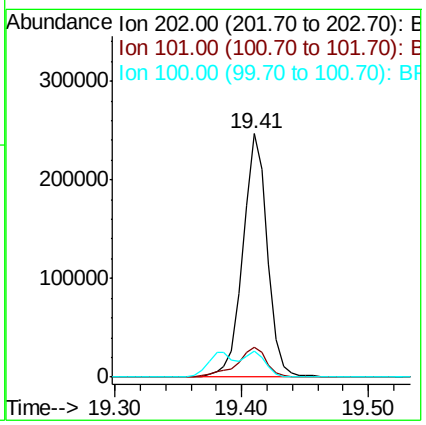


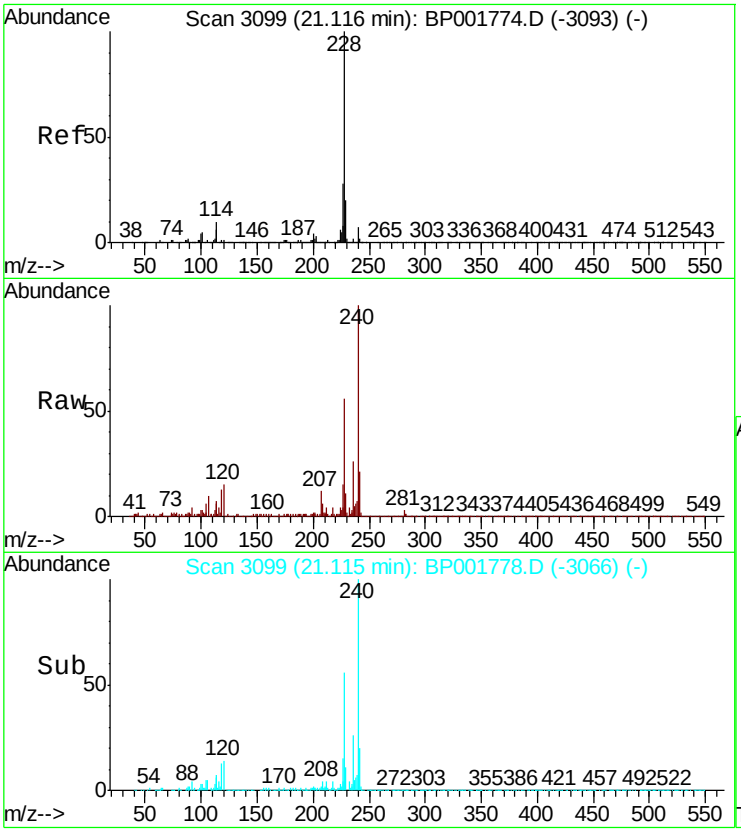


#80
Pyrene
Concen: 1.853 ng/ul
RT: 19.41 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BP001778.D
Acq: 19 Feb 2020 14:57

Tgt Ion:202 Resp: 330393

Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.2	15.2
100	10.6	8.2	12.2



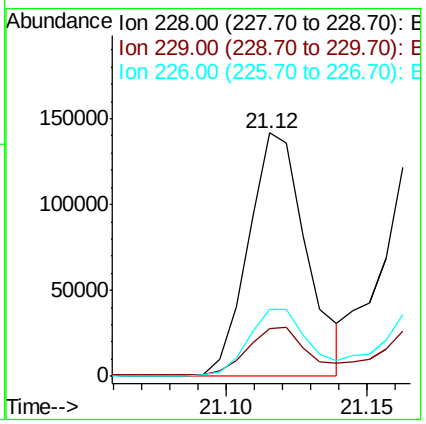


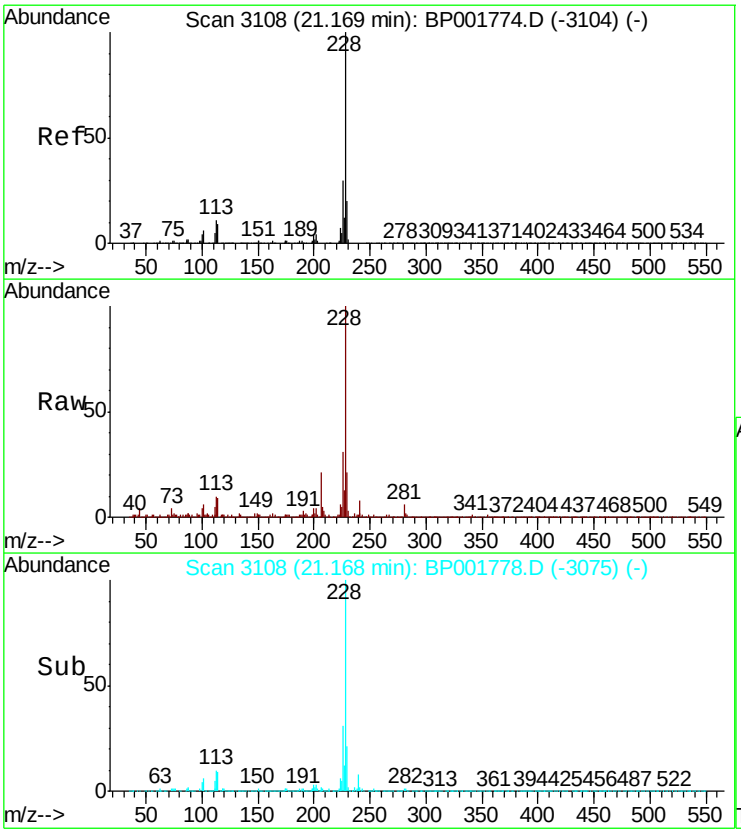
#83
Benzo(a)anthracene
Concen: 1.168 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BP001778.D
Acq: 19 Feb 2020 14:57

Instrument :
BNA_P
ClientSampleId :
C5B07

Tgt Ion:228 Resp: 201689

Ion	Ratio	Lower	Upper
228	100		
229	19.8	16.2	24.4
226	27.3	22.0	33.0

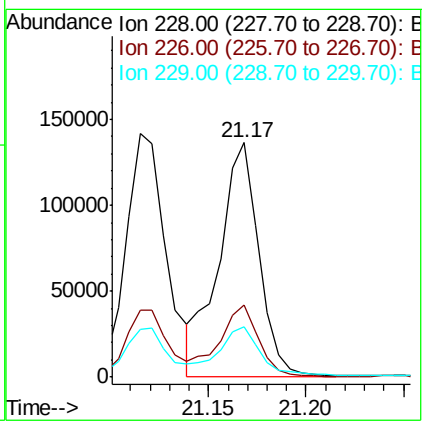


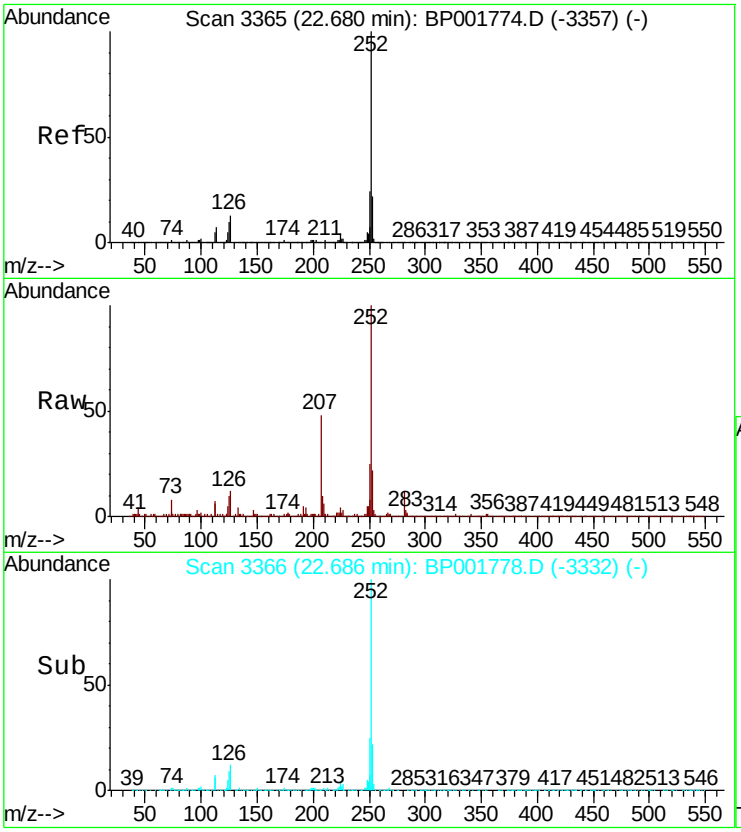


#85
Chrysene
Concen: 1.157 ng/ul
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP001778.D
Acq: 19 Feb 2020 14:57

Tgt Ion:228 Resp: 195212

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.2
229	21.4	15.7	23.5



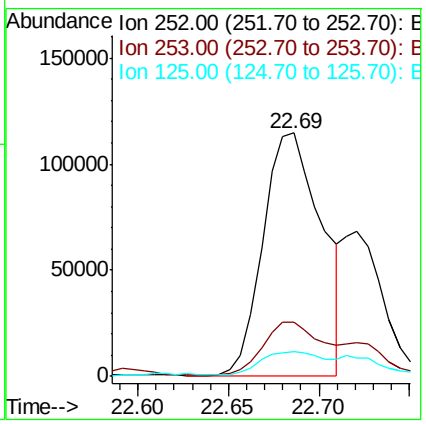


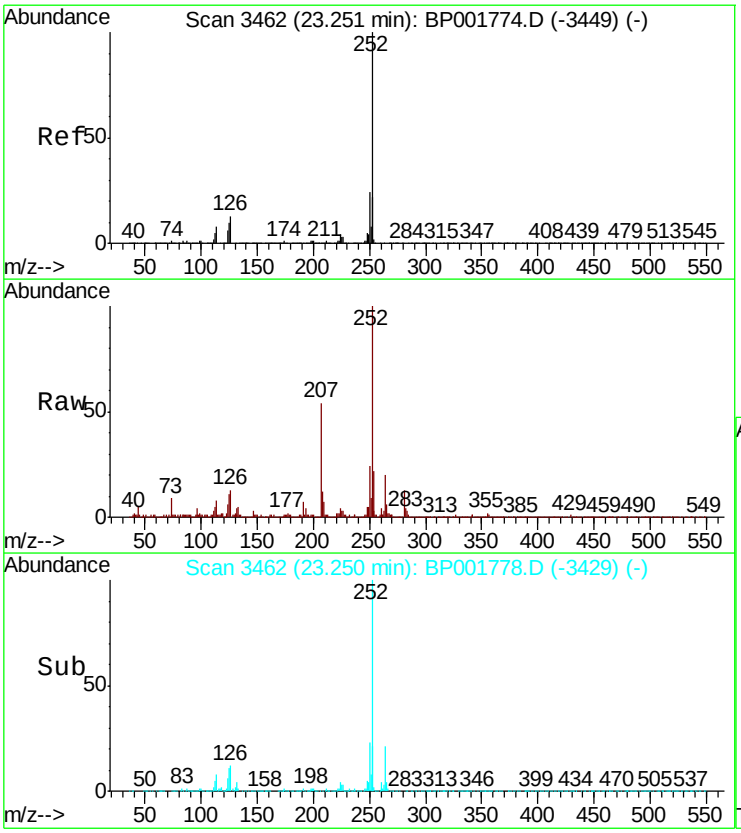
#88
Benzo(b)fluoranthene
Concen: 1.552 ng/ul
RT: 22.69 min Scan# 3366
Delta R.T. -0.00 min
Lab File: BP001778.D
Acq: 19 Feb 2020 14:57

Instrument :
BNA_P
ClientSampleId :
C5B07

Tgt Ion:252 Resp: 258412

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.1	7.8	11.6





#91
Benzo(a)pyrene
Concen: 1.217 ng/ul
RT: 23.25 min Scan# 3462
Delta R.T. -0.01 min
Lab File: BP001778.D
Acq: 19 Feb 2020 14:57

Tgt Ion:252 Resp: 189820

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	11.3	8.3	12.5