Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001862.D
Acq On : 24 Feb 2020 16:03
Operator : CG/JU
Sample : L1536-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6S4

Quant Time: Feb 24 17:15:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 01:10:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	425180	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1801665	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1139467	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2495262	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2270985	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2152547	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	62264	6.08	ng/uL	0.00
5) Phenol-d5	6.83	99	1146733	35.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	654538	35.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	1024882	39.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	896136	35.17	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	518191	42.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	589737	53.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	1034007	39.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	1297228	41.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	3261879	40.79	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	3858475	39.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	568594	40.84	ng/ul	0.00
58) Fluorene-d10	15.29	176	2792063	38.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	448372	45.58	ng/ul	0.00
71) Anthracene-d10	17.14	188	4176055	37.99	ng/ul	0.00
79) Pyrene-d10	19.39	212	4778197	41.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	4395963	42.29	ng/ul	0.00
Target Compounds						Qvalue
70) Phenanthrene	17.08	178	309832	2.252	ng/ul	99
77) Fluoranthene	19.06	202	560767	3.805	ng/ul	96
80) Pyrene	19.41	202	495986	3.211	ng/ul	99
83) Benzo(a)anthracene	21.12	228	273726	1.830	ng/ul	99
85) Chrysene	21.17	228	271813	1.860	ng/ul	100
88) Benzo(b)fluoranthene	22.68	252	314168	2.480	ng/ul	99
91) Benzo(a)pyrene	23.25	252	158945	1.339	ng/ul	97

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

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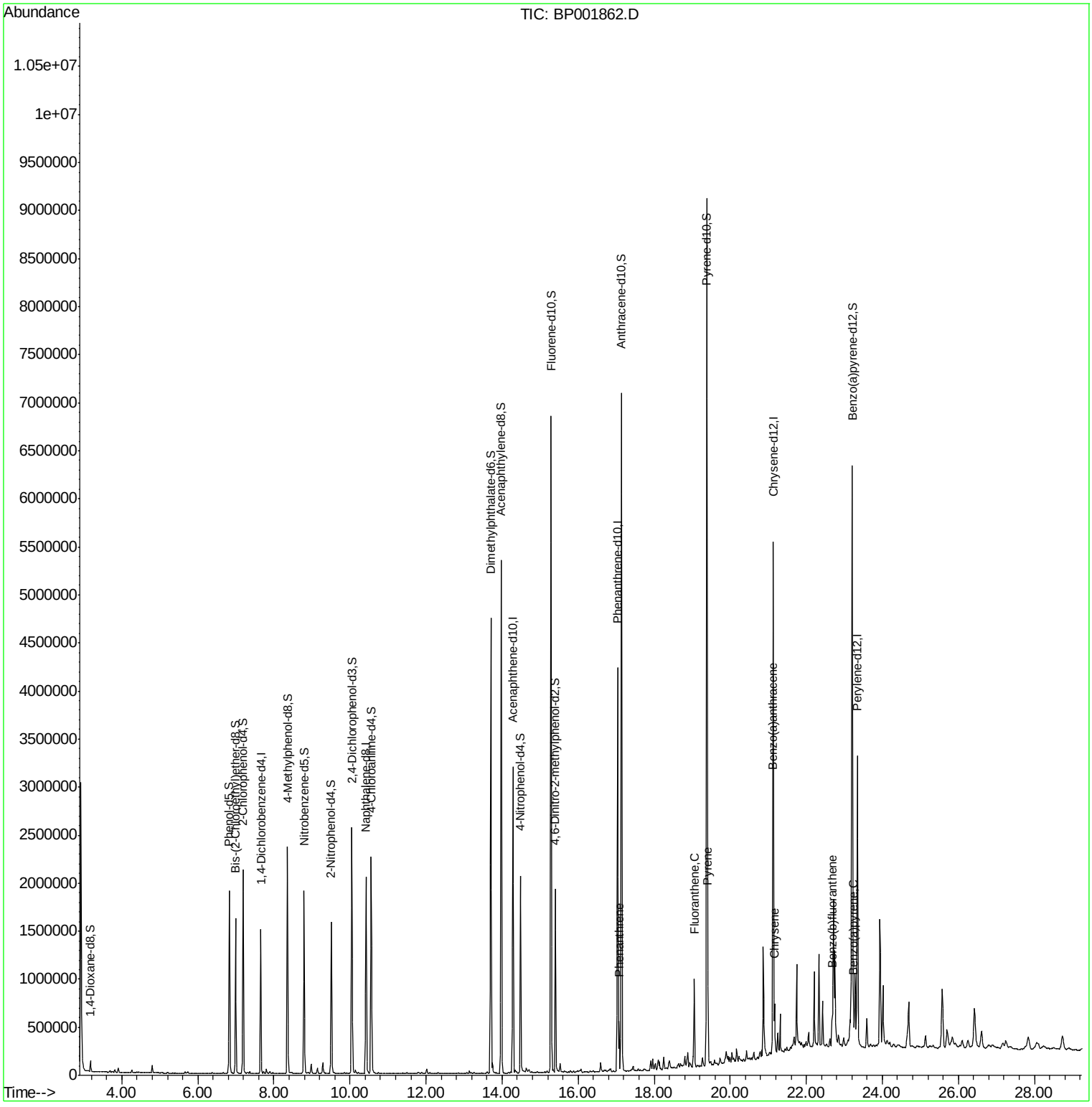
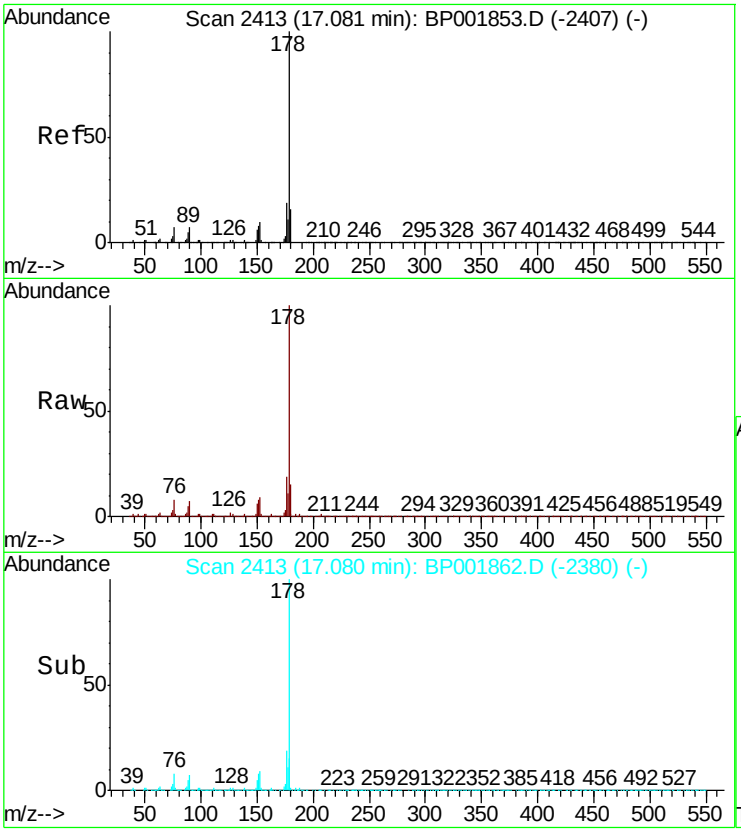


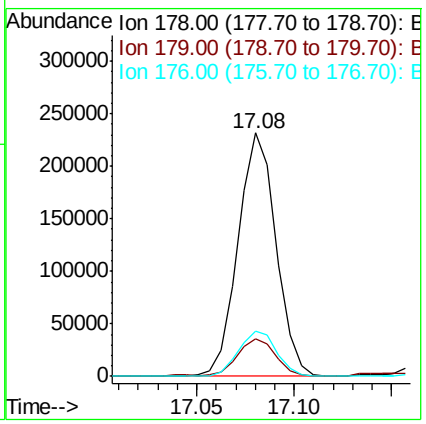


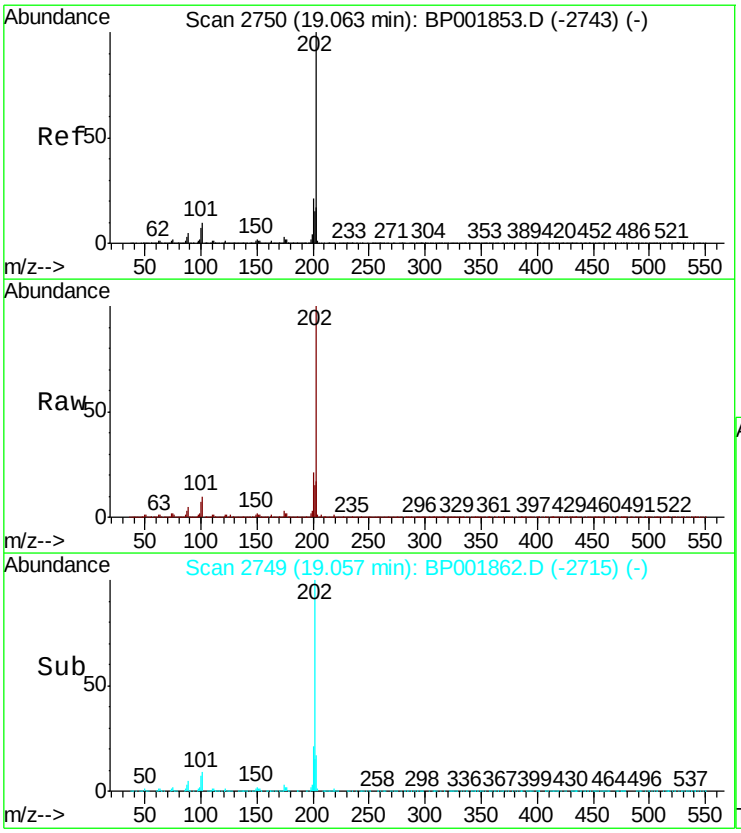
#70
Phenanthrene
Concen: 2.252 ng/ul
RT: 17.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BP001862.D
Acq: 24 Feb 2020 16:03

Instrument :
BNA_P
ClientSampleId :
CB6S4

Tgt Ion:178 Resp: 309832

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.6	15.3	22.9

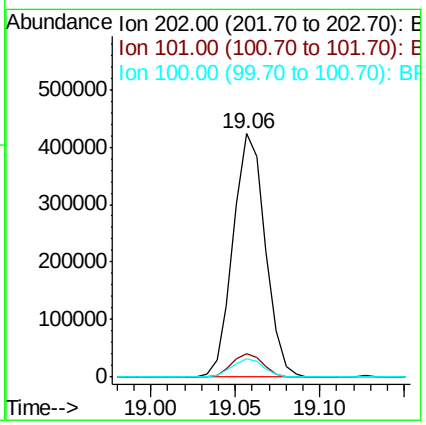


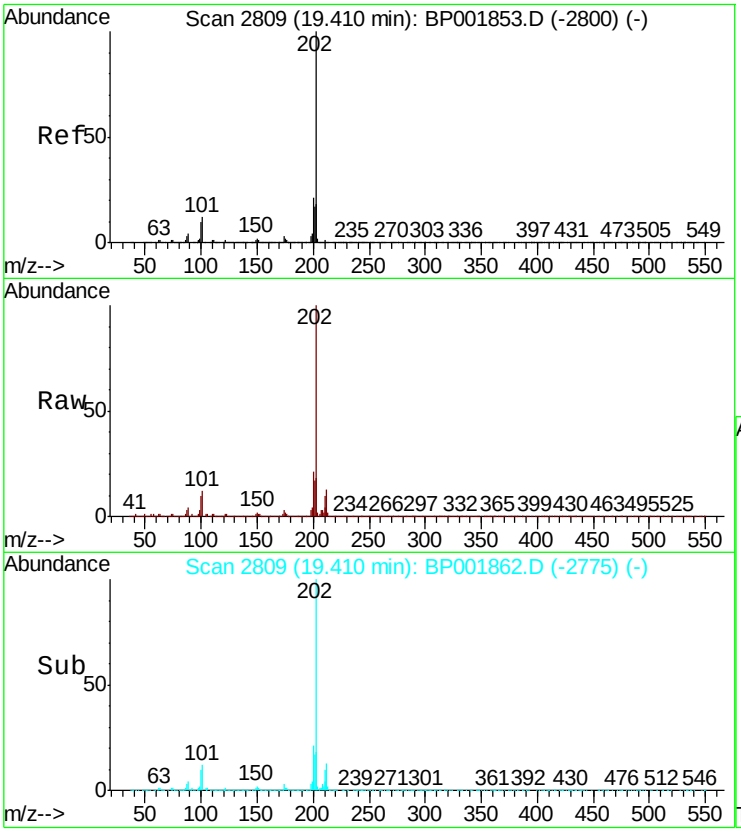


#77
Fluoranthene
Concen: 3.805 ng/ul
RT: 19.06 min Scan# 2749
Delta R.T. -0.00 min
Lab File: BP001862.D
Acq: 24 Feb 2020 16:03

Tgt Ion:202 Resp: 560767

Ion	Ratio	Lower	Upper
202	100		
101	9.6	9.1	13.7
100	7.4	6.6	9.8



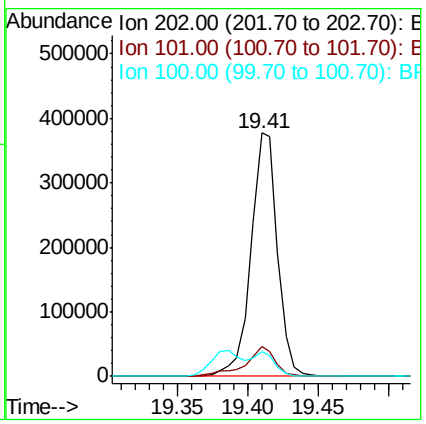


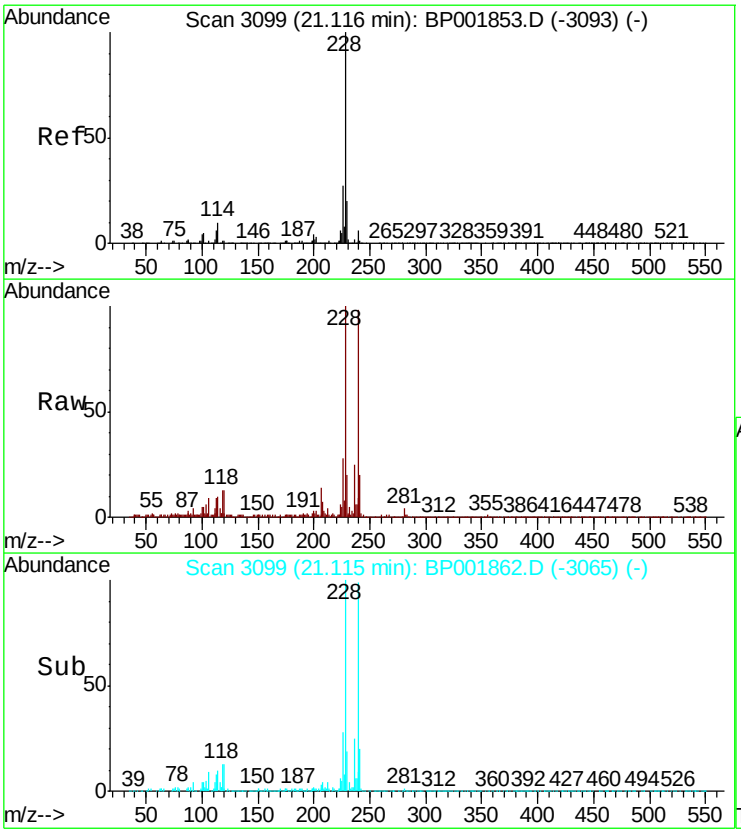
#80
Pyrene
Concen: 3.211 ng/ul
RT: 19.41 min Scan# 2809
Delta R.T. -0.00 min
Lab File: BP001862.D
Acq: 24 Feb 2020 16:03

Instrument :
BNA_P
ClientSampleId :
CB6S4

Tgt Ion:202 Resp: 495986

Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.2	15.2
100	10.3	8.2	12.2

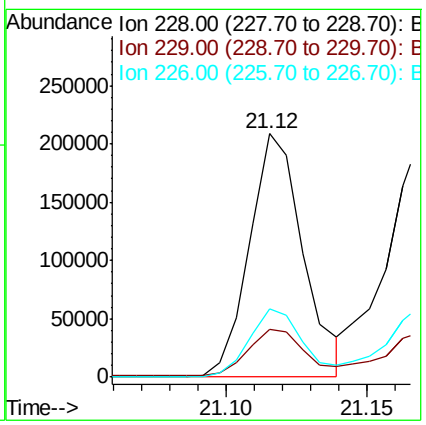


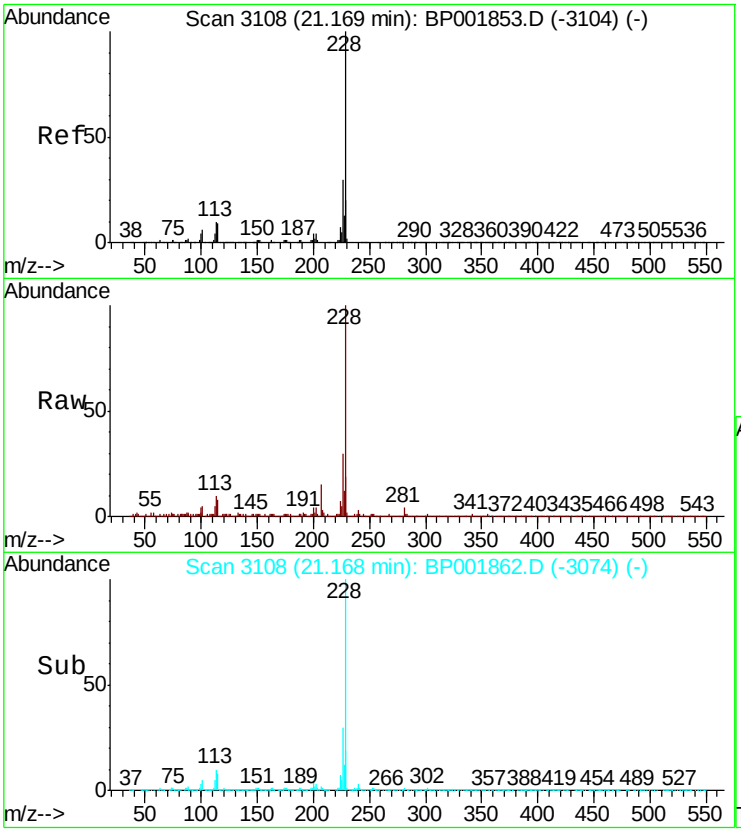


#83
Benzo(a)anthracene
Concen: 1.830 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.00 min
Lab File: BP001862.D
Acq: 24 Feb 2020 16:03

Tgt Ion:228 Resp: 273726

Ion	Ratio	Lower	Upper
228	100		
229	19.8	16.2	24.4
226	28.1	22.0	33.0



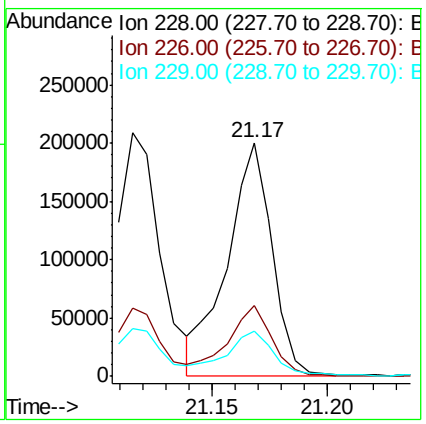


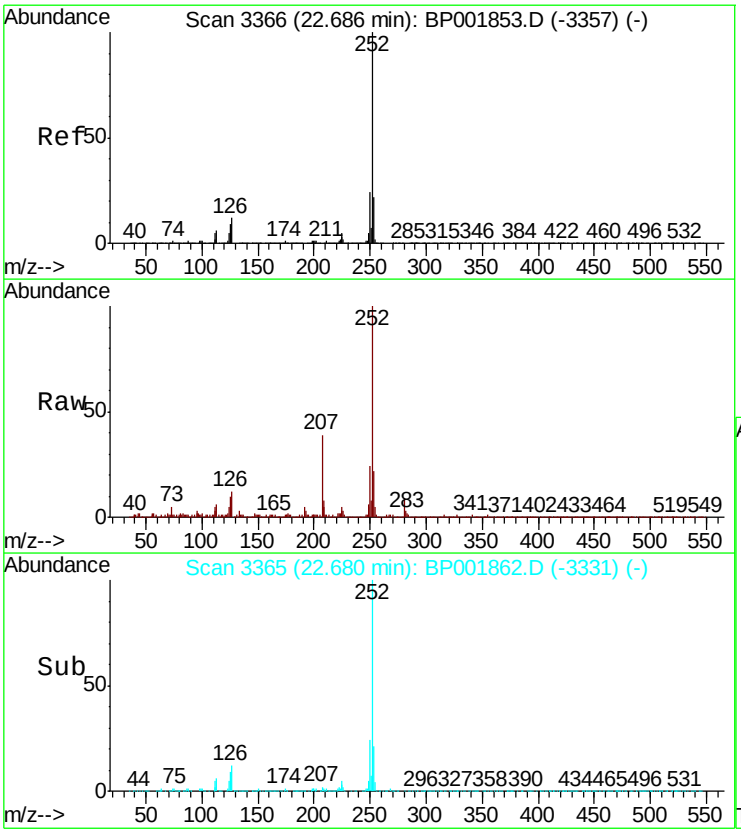
#85
Chrysene
Concen: 1.860 ng/ul
RT: 21.17 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BP001862.D
Acq: 24 Feb 2020 16:03

Instrument :
BNA_P
ClientSampleId :
CB6S4

Tgt Ion:228 Resp: 271813

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	19.2	15.7	23.5

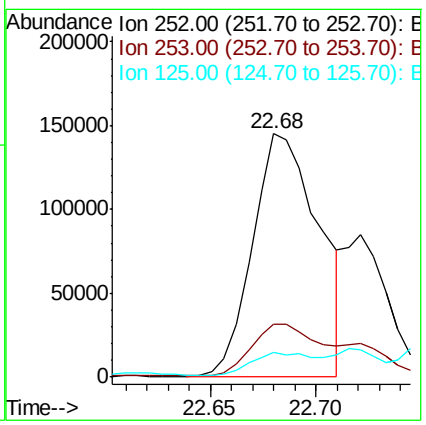


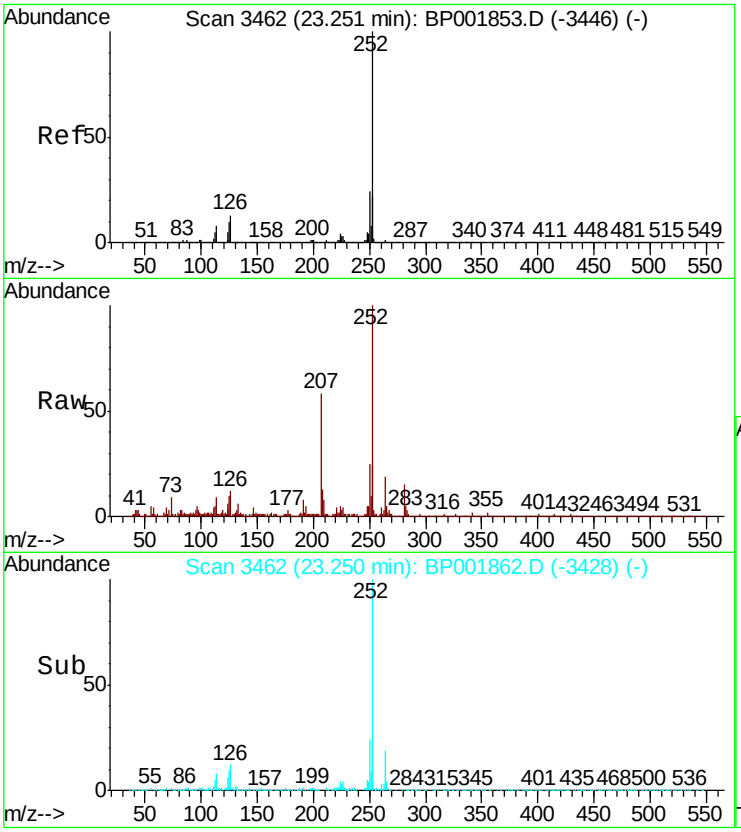


#88
Benzo(b)fluoranthene
Concen: 2.480 ng/ul
RT: 22.68 min Scan# 3365
Delta R.T. -0.00 min
Lab File: BP001862.D
Acq: 24 Feb 2020 16:03

Tgt Ion:252 Resp: 314168

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	9.9	7.8	11.6





#91
Benzo(a)pyrene
Concen: 1.339 ng/ul
RT: 23.25 min Scan# 3462
Delta R.T. -0.00 min
Lab File: BP001862.D
Acq: 24 Feb 2020 16:03

Instrument :
BNA_P
ClientSampleId :
CB6S4

Tgt Ion:252 Resp: 158945

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	9.9	8.3	12.5