Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001804.D
Acq On : 20 Feb 2020 16:11
Operator : CG/JU
Sample : L1418-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AW2

Quant Time: Feb 21 07:06:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 06:37:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	346973	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1438222	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	890830	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1964702	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2028316	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	2168610	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	22820	2.73	ng/uL	0.00
5) Phenol-d5	6.83	99	417153	15.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	251266	16.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	362842	17.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	279569	13.44	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	167166	17.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	162045	18.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	345200	16.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	450197	18.18	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1100515	17.60	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	1360151	17.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	128058	11.76	ng/ul	0.00
58) Fluorene-d10	15.29	176	1028210	18.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	76427	9.87	ng/ul	0.00
71) Anthracene-d10	17.14	188	1551810	17.93	ng/ul	0.00
79) Pyrene-d10	19.39	212	1879604	18.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	1980639	18.91	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.75	163	204237	3.104	ng/ul	100
70) Phenanthrene	17.08	178	175963	1.624	ng/ul	99
77) Fluoranthene	19.06	202	334207	2.880	ng/ul	97
80) Pyrene	19.41	202	305833	2.217	ng/ul	99
83) Benzo(a)anthracene	21.12	228	177764	1.331	ng/ul	99
85) Chrysene	21.17	228	190867	1.463	ng/ul	98
88) Benzo(b)fluoranthene	22.69	252	235854	1.848	ng/ul	98
91) Benzo(a)pyrene	23.25	252	159897	1.337	ng/ul	98

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

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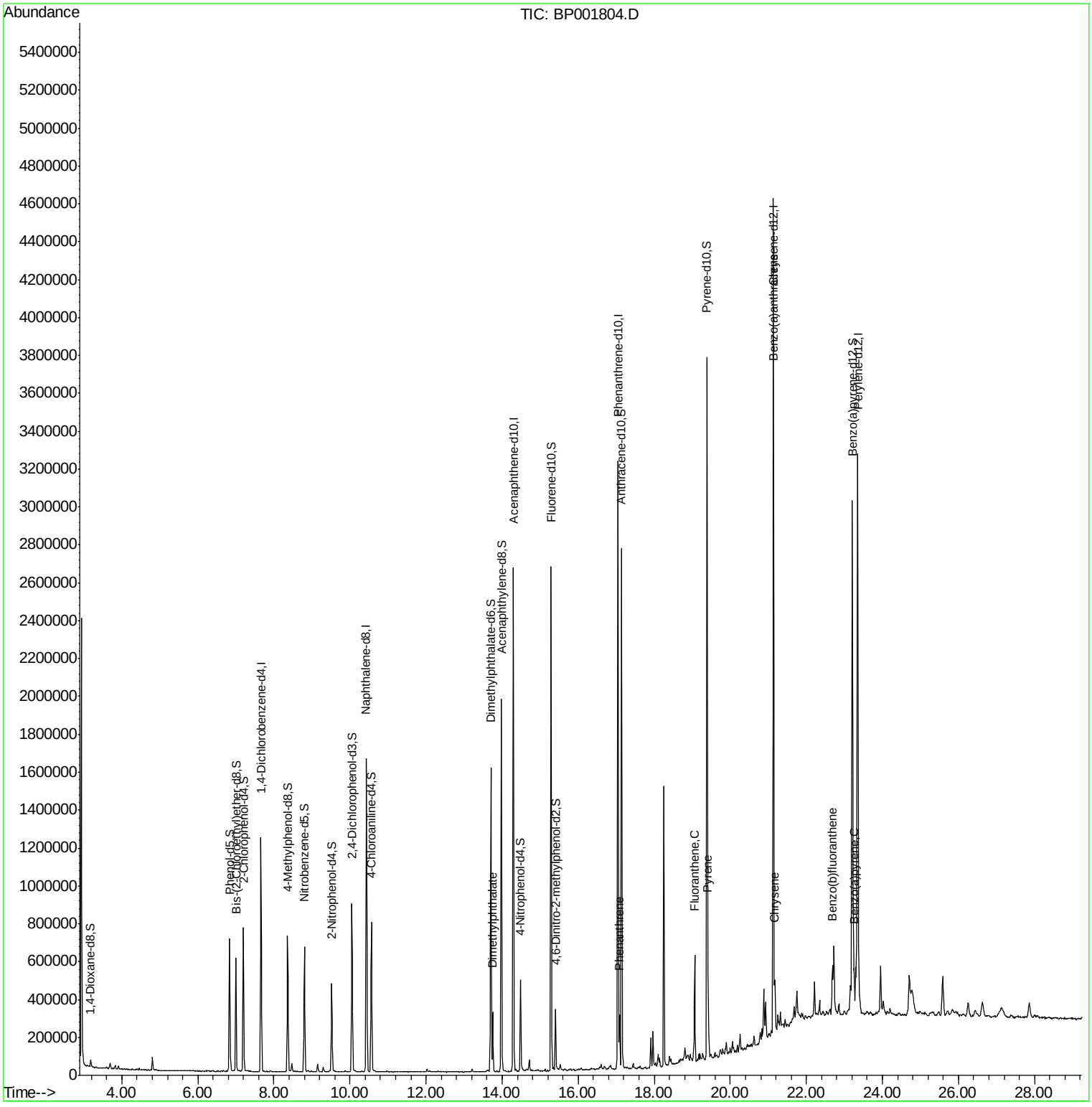
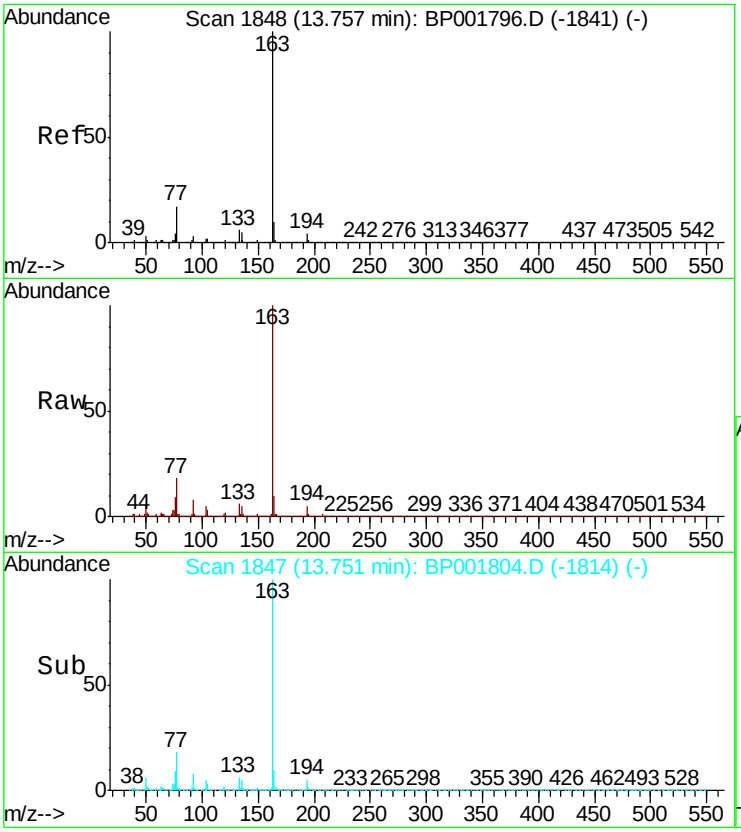


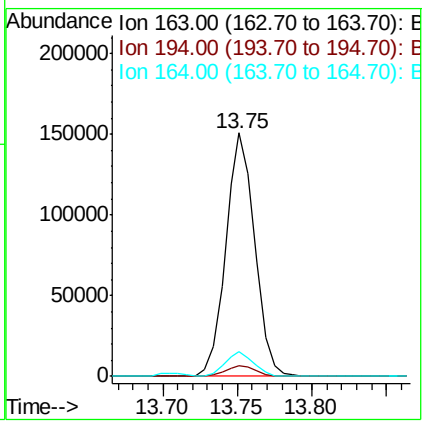


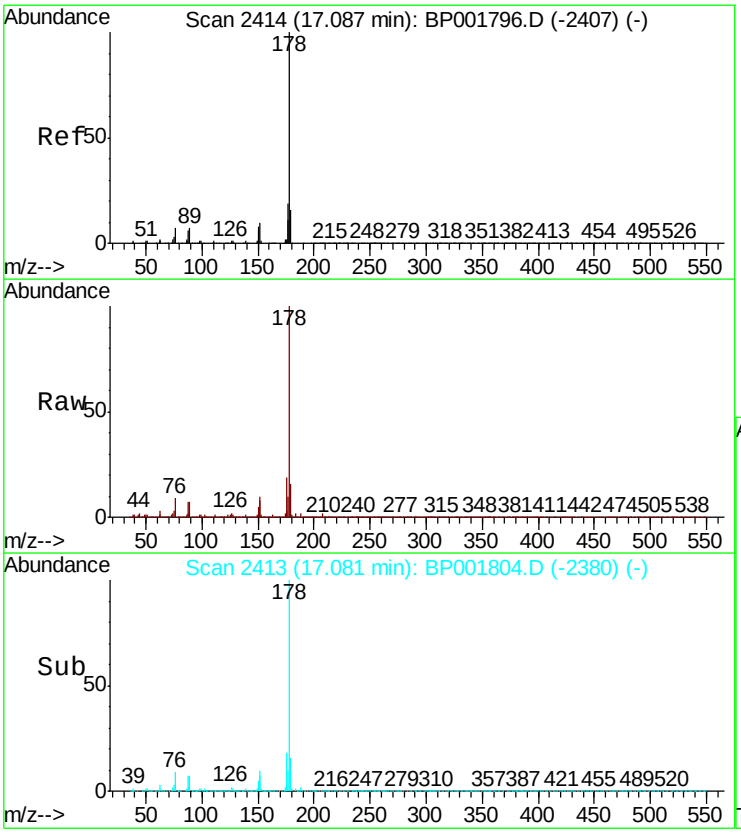
#45
Dimethylphthalate
Concen: 3.104 ng/ul
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BP001804.D
Acq: 20 Feb 2020 16:11

Instrument :
BNA_P
ClientSampleId :
C5AW2

Tgt Ion:163 Resp: 204237

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.0	8.0	12.0

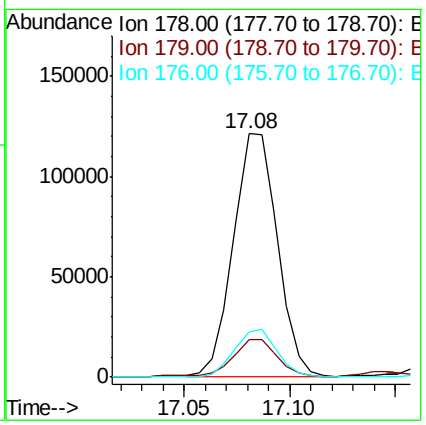


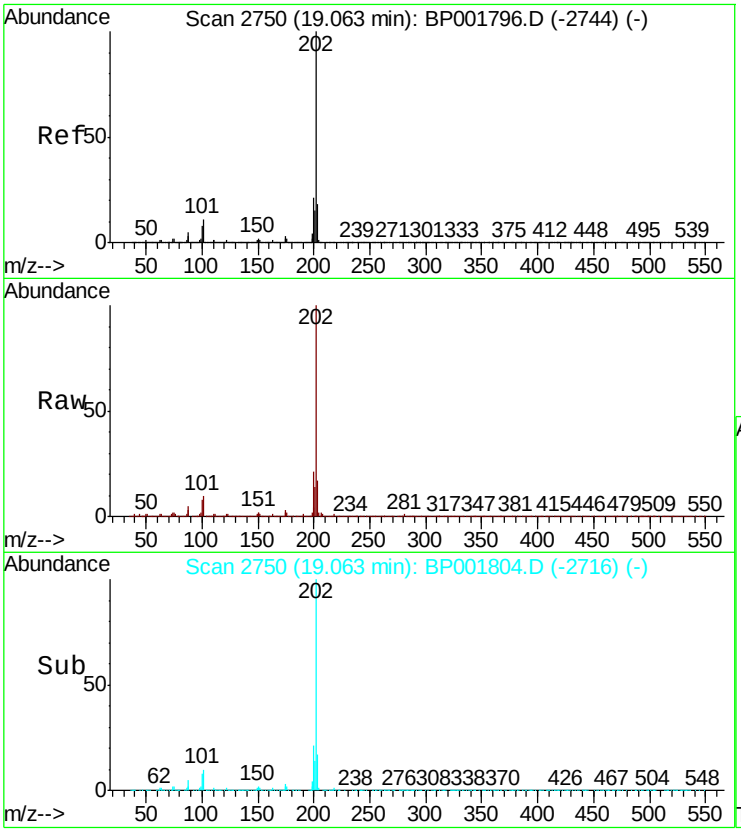


#70
Phenanthrene
Concen: 1.624 ng/ul
RT: 17.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BP001804.D
Acq: 20 Feb 2020 16:11

Tgt Ion:178 Resp: 175963

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.5	15.3	22.9



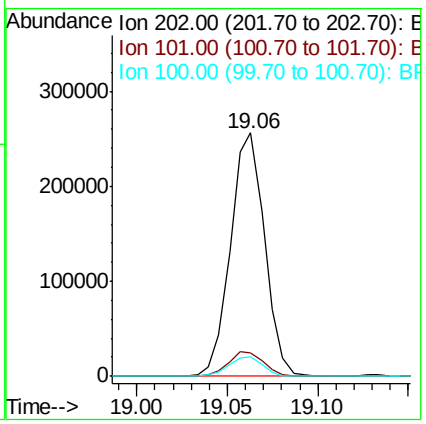


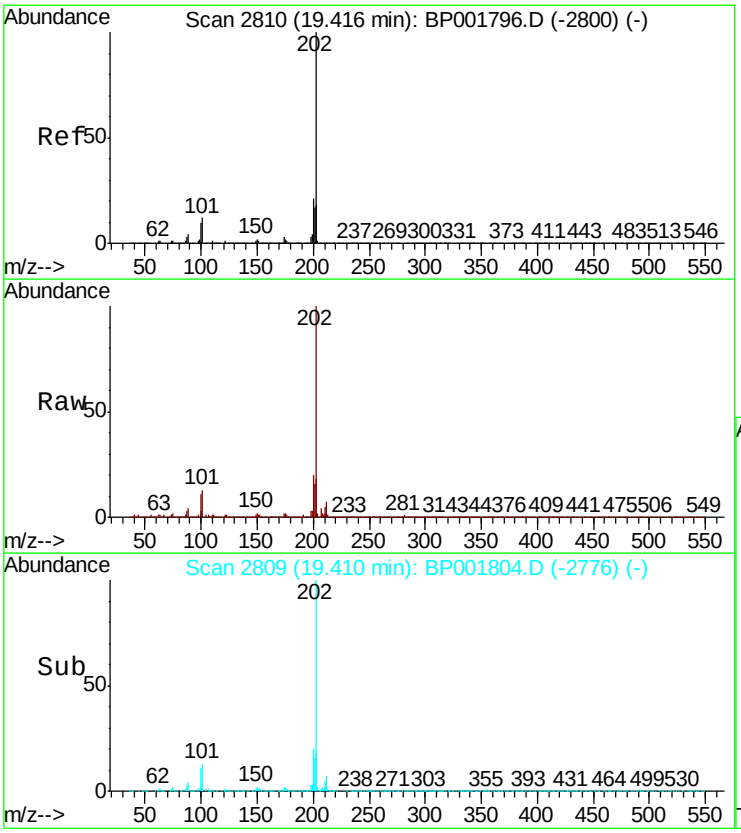
#77
Fluoranthene
Concen: 2.880 ng/ul
RT: 19.06 min Scan# 2750
Delta R.T. 0.00 min
Lab File: BP001804.D
Acq: 20 Feb 2020 16:11

Instrument :
BNA_P
ClientSampleId :
C5AW2

Tgt Ion:202 Resp: 334207

Ion	Ratio	Lower	Upper
202	100		
101	9.8	9.1	13.7
100	8.0	6.6	9.8

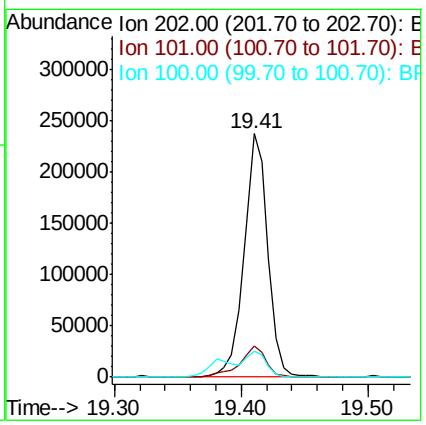


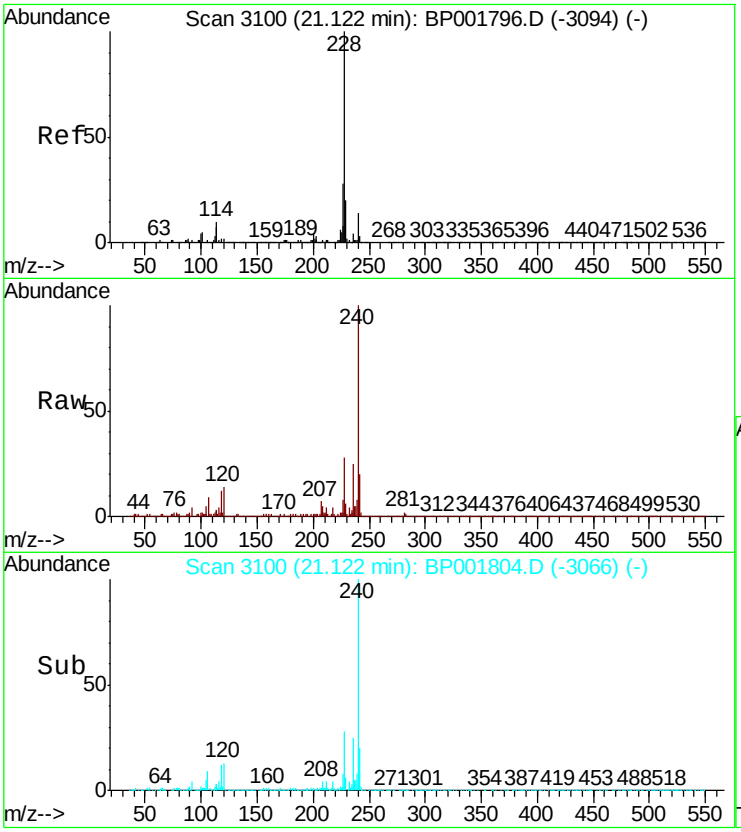


#80
Pyrene
Concen: 2.217 ng/ul
RT: 19.41 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BP001804.D
Acq: 20 Feb 2020 16:11

Tgt Ion:202 Resp: 305833

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.2	15.2
100	10.6	8.2	12.2



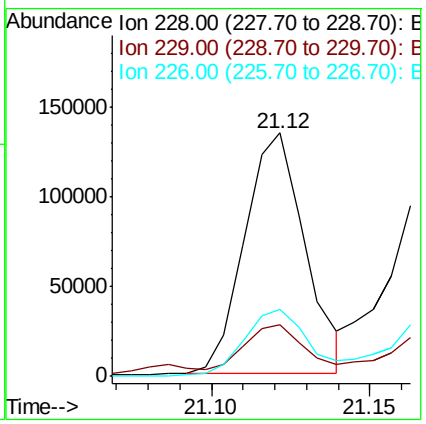


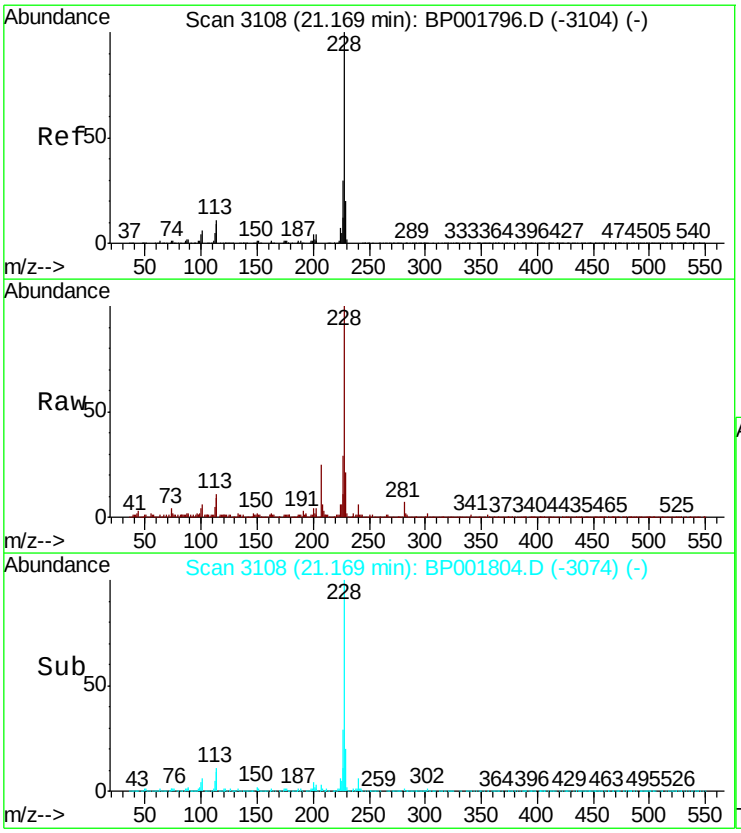
#83
Benzo(a)anthracene
Concen: 1.331 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. 0.00 min
Lab File: BP001804.D
Acq: 20 Feb 2020 16:11

Instrument :
BNA_P
ClientSampleId :
C5AW2

Tgt Ion:228 Resp: 177764

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.2	24.4
226	27.7	22.0	33.0

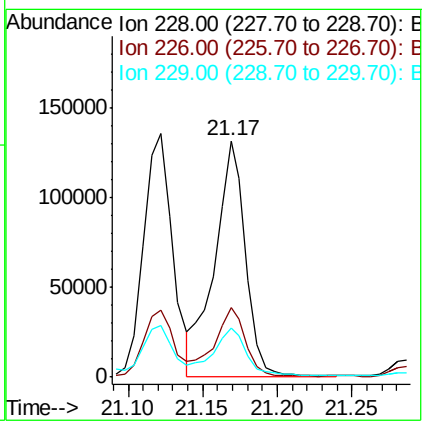


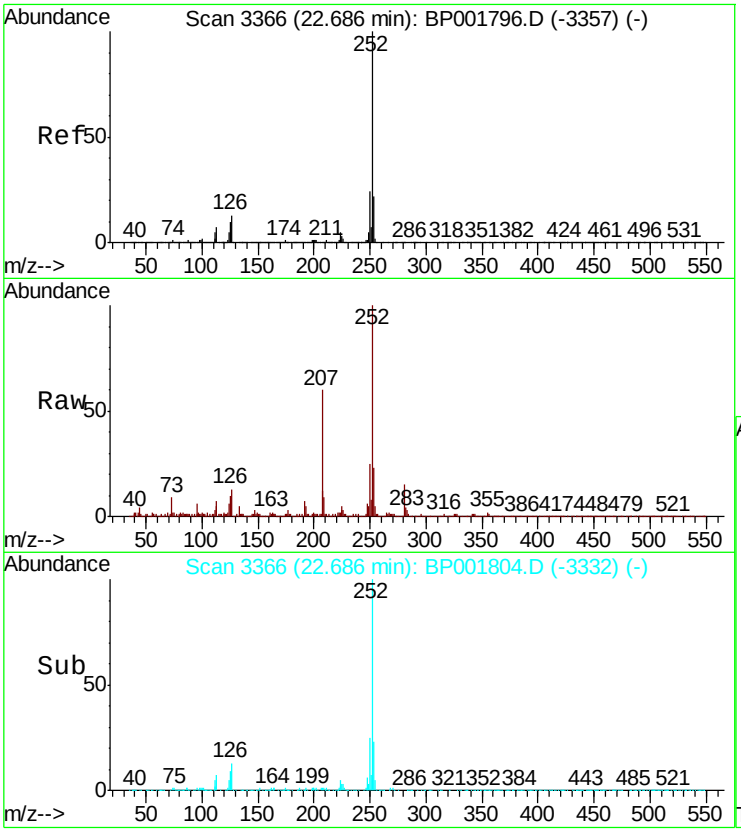


#85
Chrysene
Concen: 1.463 ng/ul
RT: 21.17 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BP001804.D
Acq: 20 Feb 2020 16:11

Tgt Ion:228 Resp: 190867

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.2
229	20.8	15.7	23.5



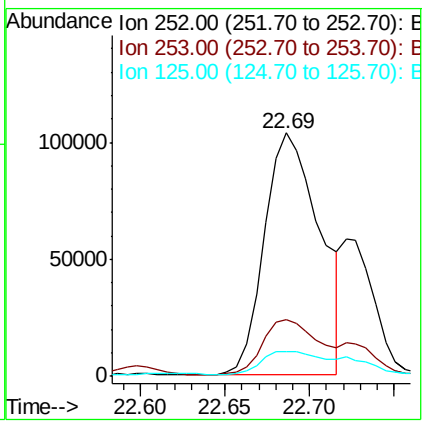


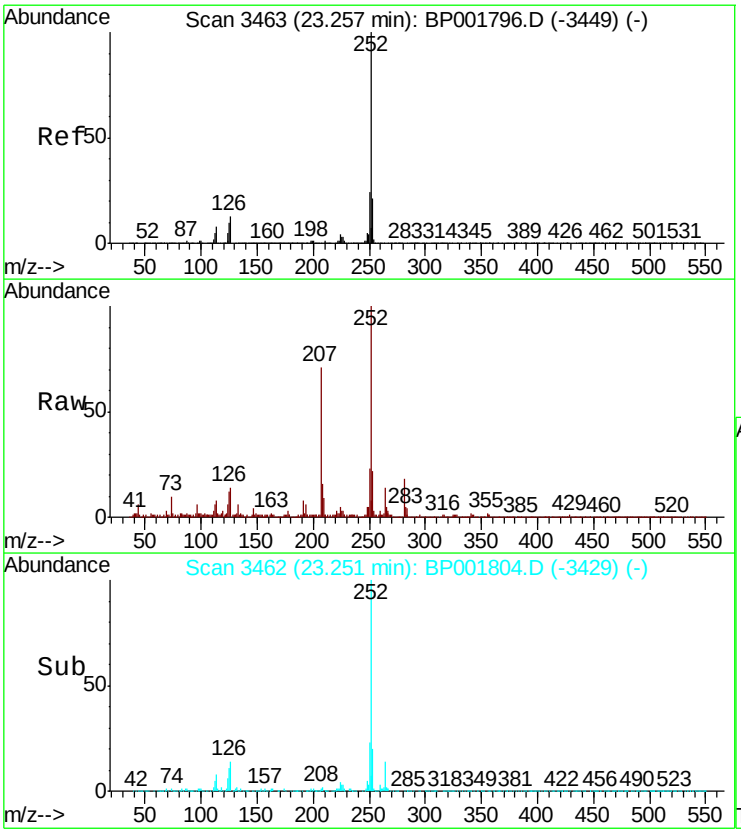
#88
Benzo(b)fluoranthene
Concen: 1.848 ng/ul
RT: 22.69 min Scan# 3366
Delta R.T. 0.00 min
Lab File: BP001804.D
Acq: 20 Feb 2020 16:11

Instrument :
BNA_P
ClientSampleId :
C5AW2

Tgt Ion:252 Resp: 235854

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	10.2	7.8	11.6





#91
Benzo(a)pyrene
Concen: 1.337 ng/ul
RT: 23.25 min Scan# 3462
Delta R.T. -0.01 min
Lab File: BP001804.D
Acq: 20 Feb 2020 16:11

Tgt Ion:252 Resp: 159897

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	12.0	8.3	12.5