Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021920\
Data File : BP001791.D
Acq On : 19 Feb 2020 22:50
Operator : CG/JU
Sample : L1424-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B05

Quant Time: Feb 20 01:37:28 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	420857	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1788393	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1120373	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2464374	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2544360	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2681522	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	35230	3.48	ng/uL	0.00
5) Phenol-d5	6.83	99	682290	21.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	405625	21.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	587839	22.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	501264	19.87	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	274779	22.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	274202	25.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	576870	22.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	751087	24.39	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1826026	23.23	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	2214832	22.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	239883	17.52	ng/ul	0.00
58) Fluorene-d10	15.29	176	1655291	23.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	147626	15.19	ng/ul	0.00
71) Anthracene-d10	17.14	188	2475803	22.81	ng/ul	0.00
79) Pyrene-d10	19.39	212	3036838	23.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	3202068	24.73	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.75	163	117259	1.417	ng/ul	99
77) Fluoranthene	19.06	202	291034	2.000	ng/ul	99
80) Pyrene	19.41	202	290284	1.677	ng/ul	99
83) Benzo(a)anthracene	21.12	228	170086	1.015	ng/ul	99
85) Chrysene	21.17	228	171132	1.045	ng/ul	97
88) Benzo(b)fluoranthene	22.69	252	214092	1.357	ng/ul	97
91) Benzo(a)pyrene	23.25	252	156634	1.059	ng/ul	99

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

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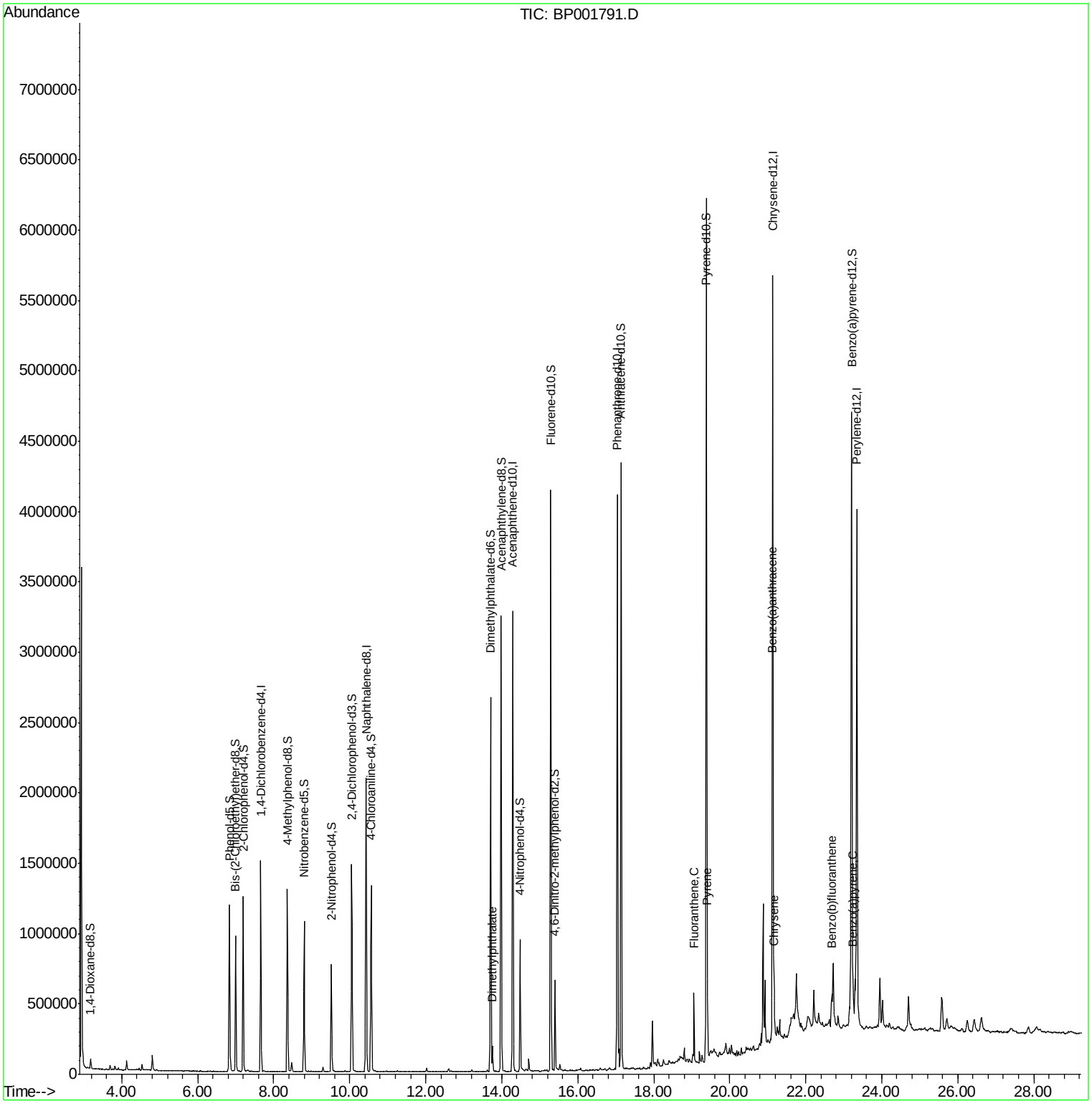
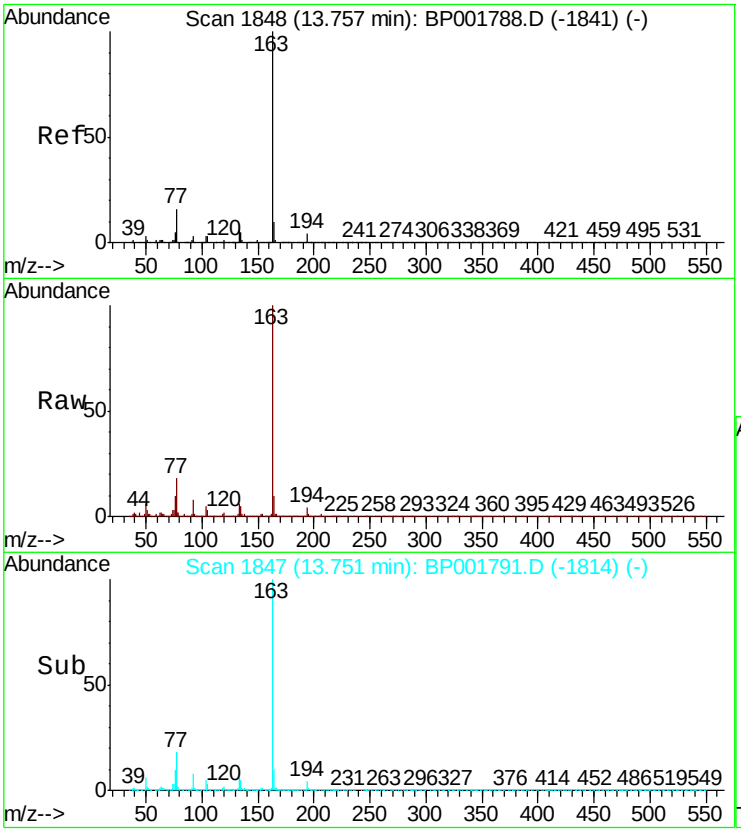


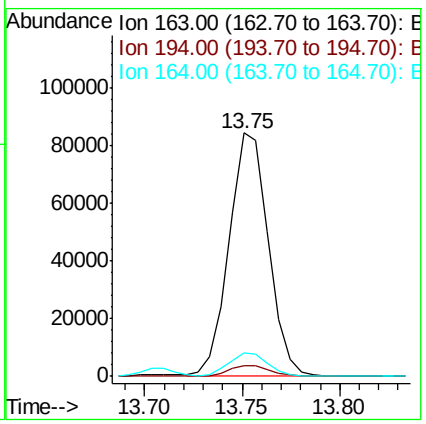


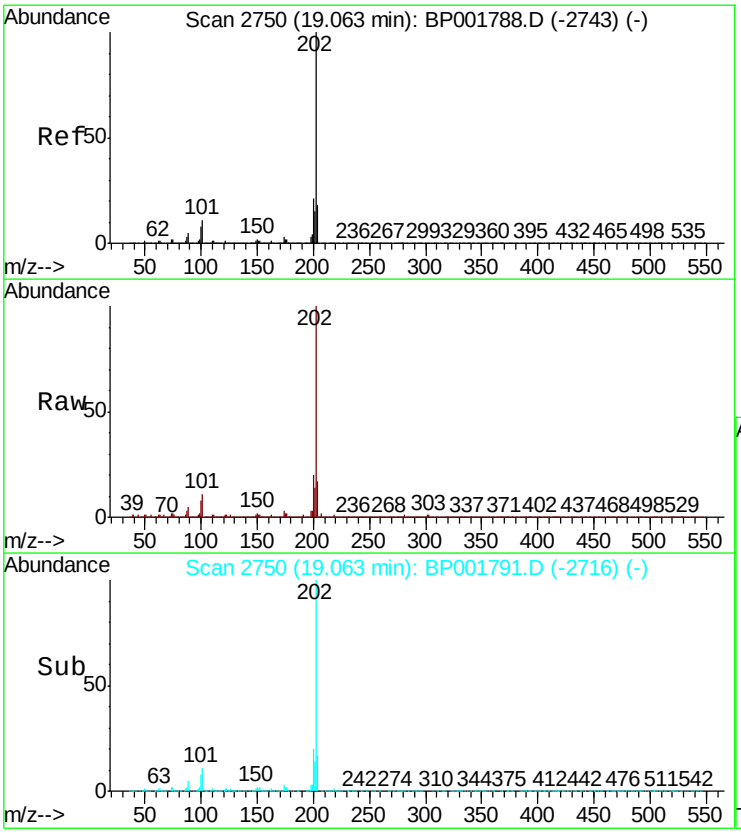
#45
Dimethylphthalate
Concen: 1.417 ng/ul
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BP001791.D
Acq: 19 Feb 2020 22:50

Instrument :
BNA_P
ClientSampleId :
C5B05

Tgt Ion:163 Resp: 117259

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	9.5	8.0	12.0

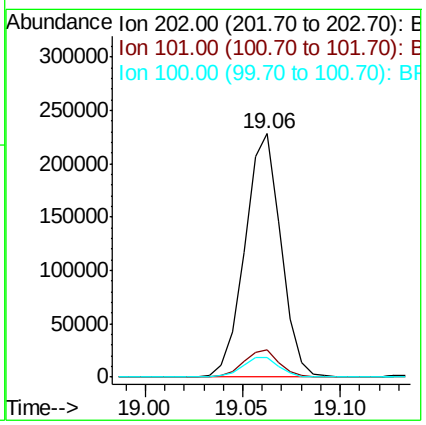


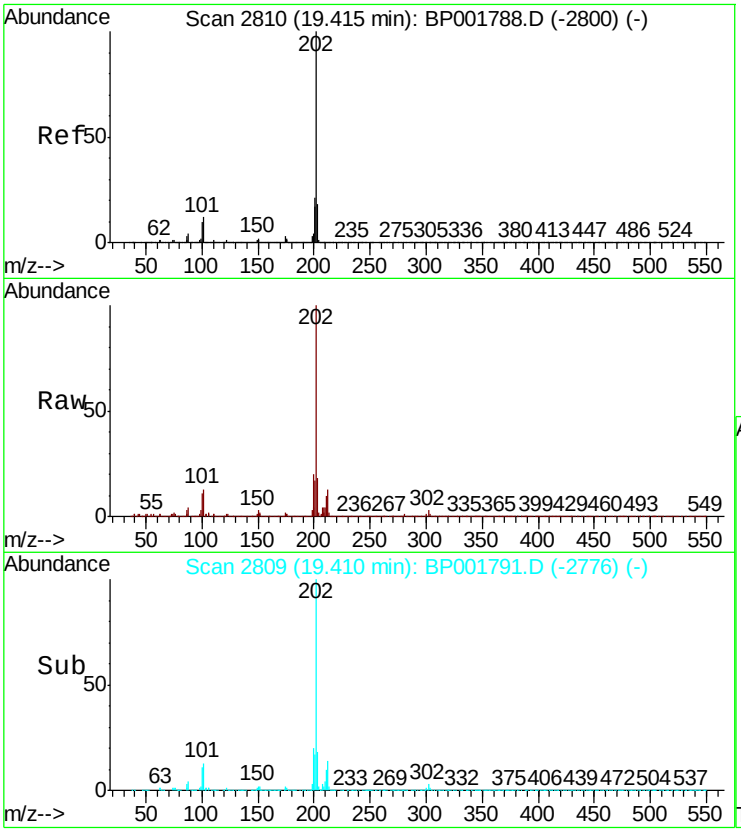


#77
Fluoranthene
Concen: 2.000 ng/ul
RT: 19.06 min Scan# 2750
Delta R.T. -0.00 min
Lab File: BP001791.D
Acq: 19 Feb 2020 22:50

Tgt Ion:202 Resp: 291034

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.1	13.7
100	7.9	6.6	9.8



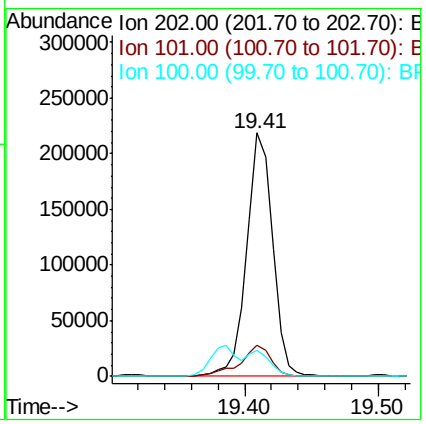


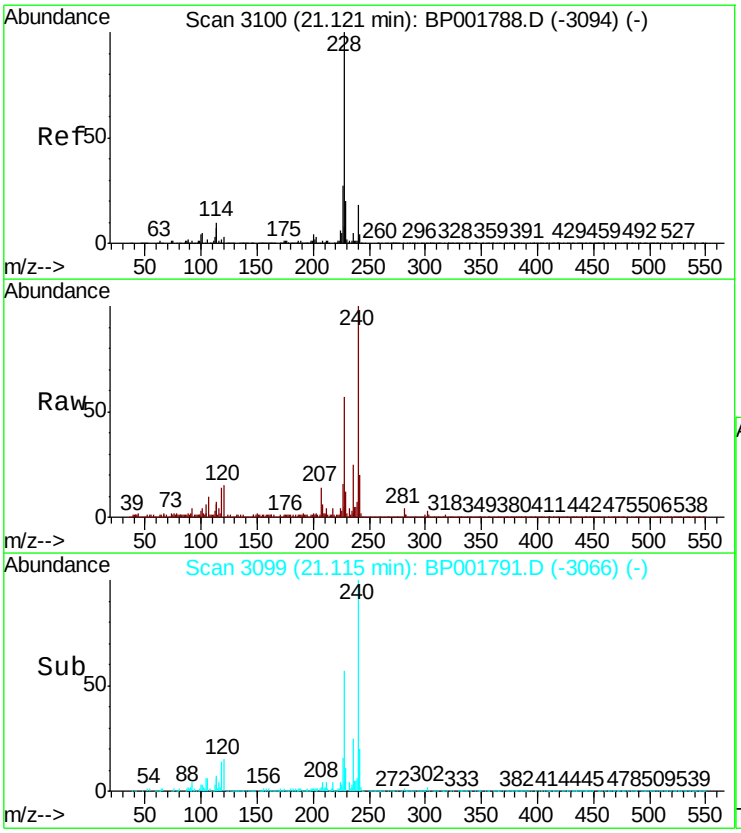
#80
Pyrene
Concen: 1.677 ng/ul
RT: 19.41 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BP001791.D
Acq: 19 Feb 2020 22:50

Instrument :
BNA_P
ClientSampleId :
C5B05

Tgt Ion:202 Resp: 290284

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.2	15.2
100	10.6	8.2	12.2

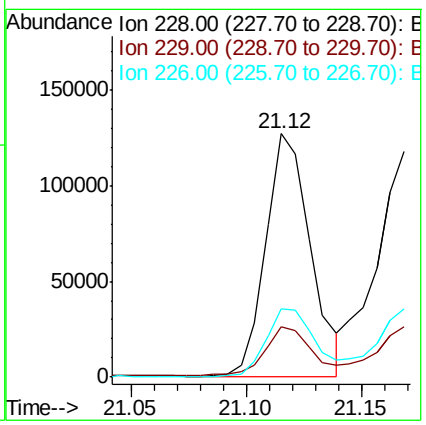


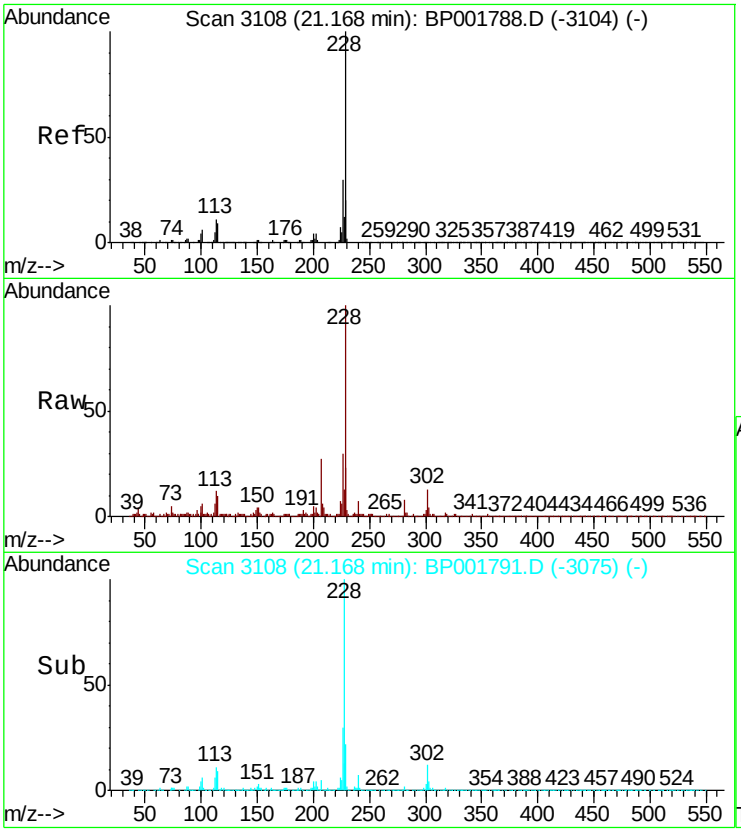


#83
Benzo(a)anthracene
Concen: 1.015 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BP001791.D
Acq: 19 Feb 2020 22:50

Tgt Ion:228 Resp: 170086

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.2	24.4
226	28.1	22.0	33.0



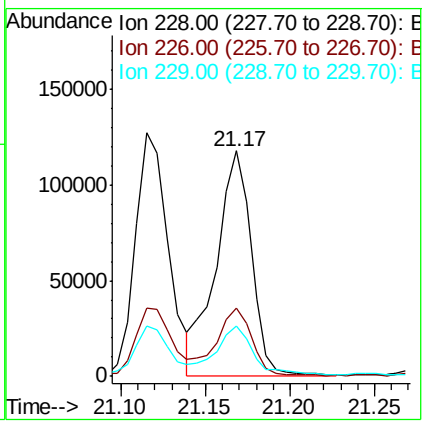


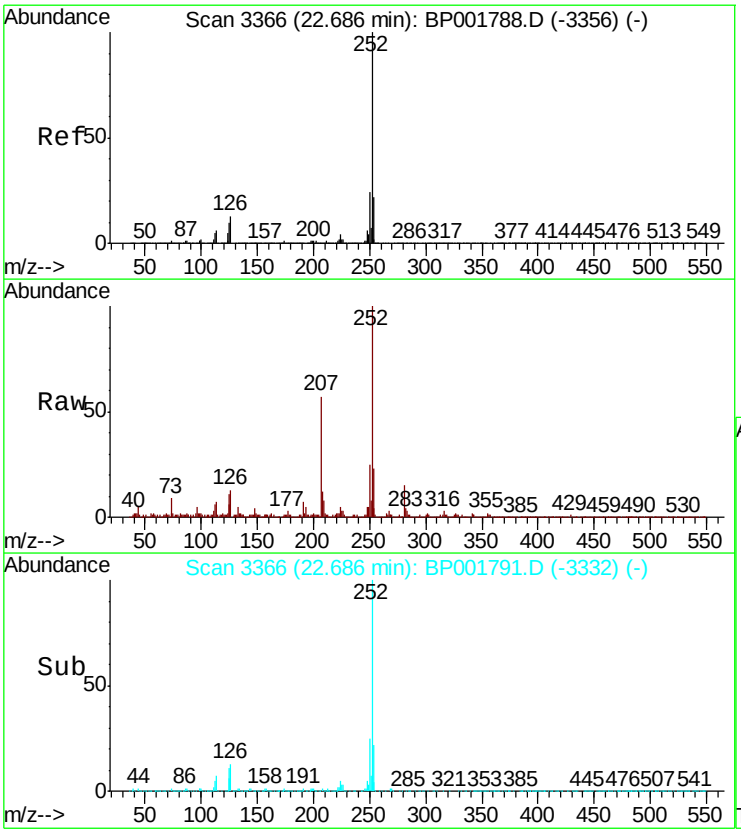
#85
Chrysene
Concen: 1.045 ng/ul
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP001791.D
Acq: 19 Feb 2020 22:50

Instrument :
BNA_P
ClientSampleId :
C5B05

Tgt Ion:228 Resp: 171132

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	22.6	15.7	23.5

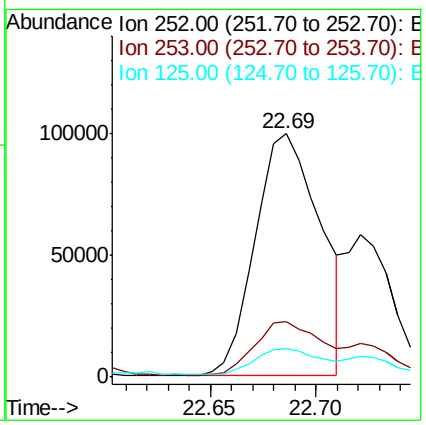


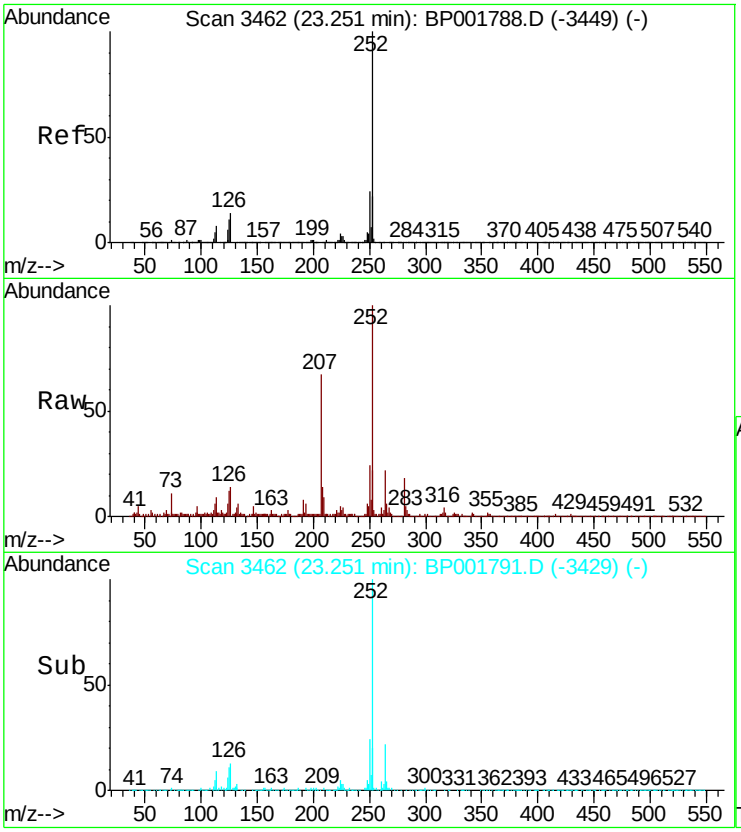


#88
Benzo(b)fluoranthene
Concen: 1.357 ng/ul
RT: 22.69 min Scan# 3366
Delta R.T. -0.00 min
Lab File: BP001791.D
Acq: 19 Feb 2020 22:50

Tgt Ion:252 Resp: 214092

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	11.5	7.8	11.6





#91
Benzo(a)pyrene
Concen: 1.059 ng/ul
RT: 23.25 min Scan# 3462
Delta R.T. -0.01 min
Lab File: BP001791.D
Acq: 19 Feb 2020 22:50

Instrument :
BNA_P
ClientSampleId :
C5B05

Tgt Ion:252 Resp: 156634

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	12.0	8.3	12.5