Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021819\

Quantitation Report (Not Reviewed)

Data File : BN004438.D
Acq On : 18 Feb 2019 12:25
Operator : JU/SJ
Sample : K1492-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5B1

Quant Time: Feb 19 06:19:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	37972	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	175868	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	128388	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	350322	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	462819	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	537634	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.37	176	487	0.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.13	188	350322	20.87	ng/ul	-0.11
79) Pyrene-d10	0.00	212	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	23.60	264	533082	18.89	ng/ul	0.15
Target Compounds						Qvalue
70) Phenanthrene	17.17	178	65062	3.347	ng/ul	99
77) Fluoranthene	19.19	202	166173	6.945	ng/ul	99
80) Pyrene	19.56	202	101518	3.966	ng/ul	99
83) Benzo(a)anthracene	21.32	228	89786	3.148	ng/ul	99
85) Chrysene	21.37	228	102932	3.801	ng/ul	99
88) Benzo(b)fluoranthene	22.92	252	118106	3.709	ng/ul	99
89) Benzo(k)fluoranthene	22.92	252	118106	3.816	ng/ul	99

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

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Quant Title : SVOA CALIBRATION
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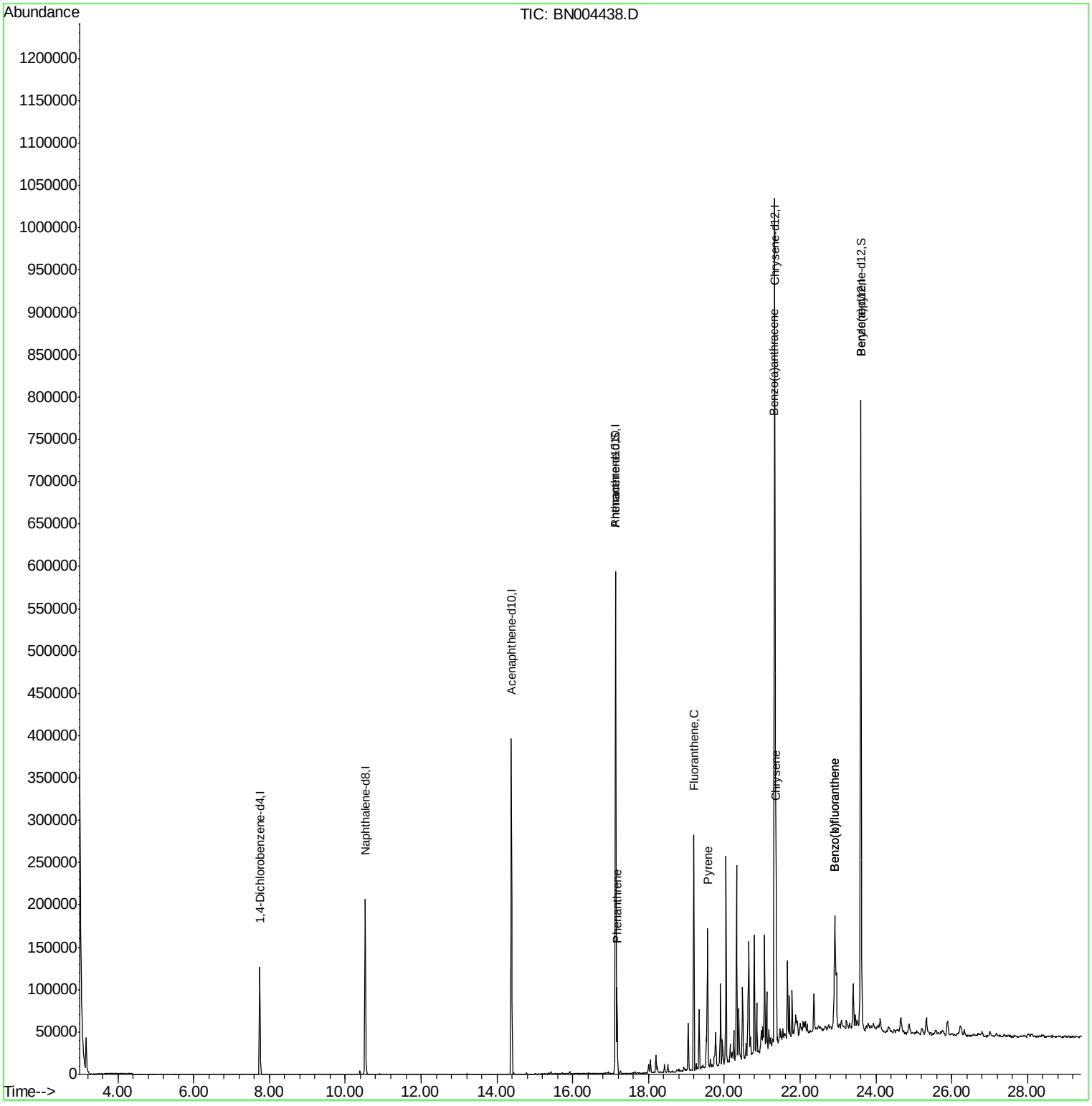
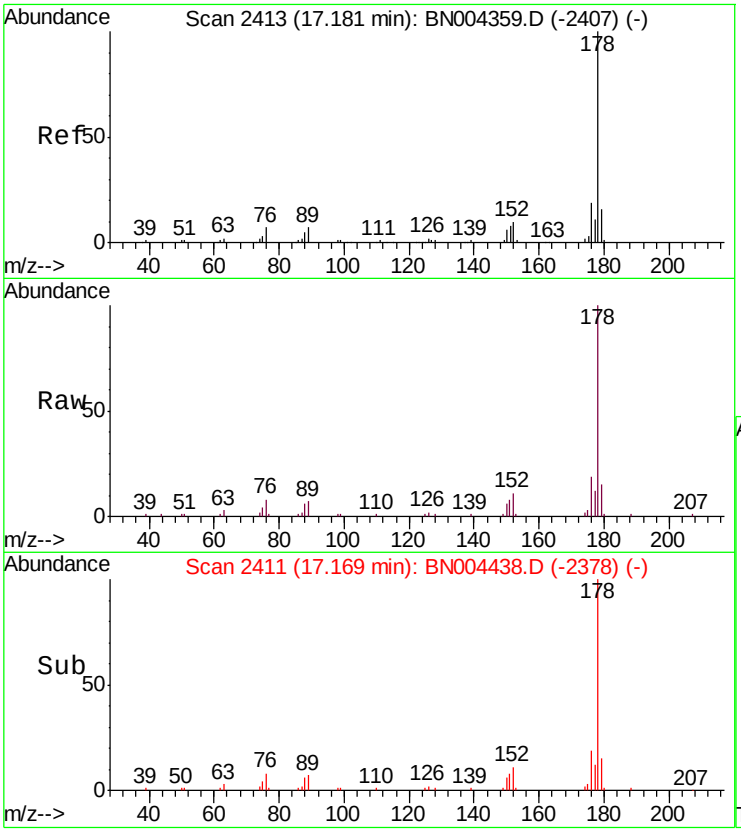


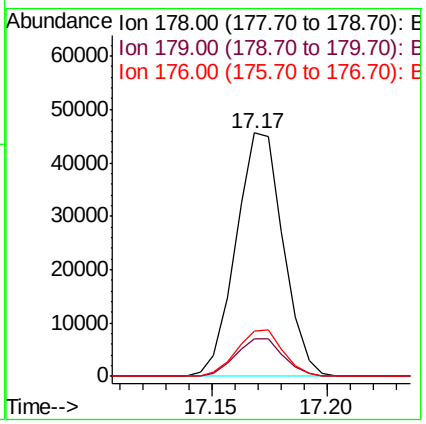


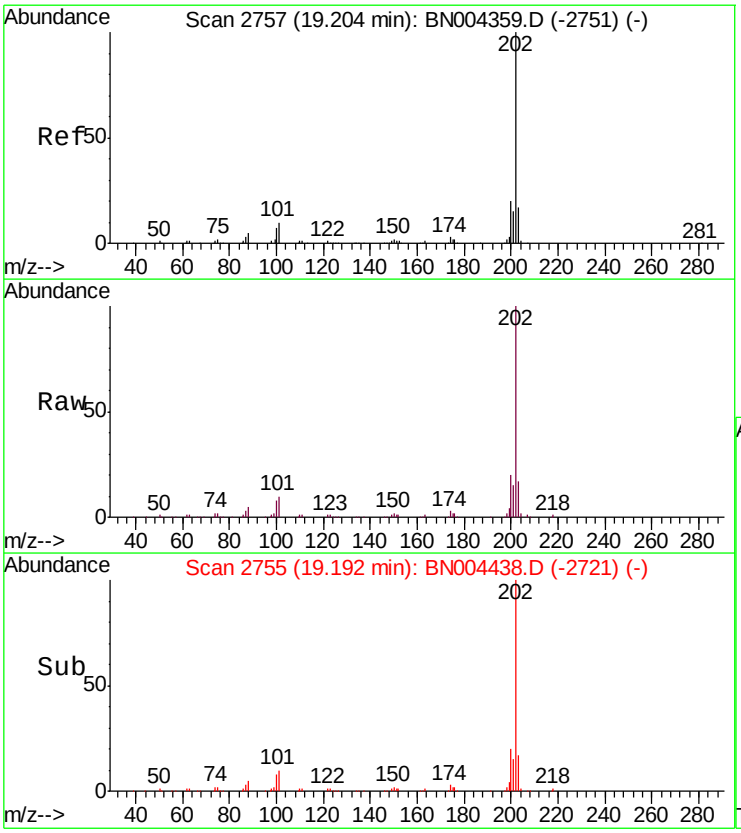
#70
Phenanthrene
Concen: 3.347 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BN004438.D
Acq: 18 Feb 2019 12:25

Instrument :
BNA_N
ClientSampleId :
CB5B1

Tgt Ion:178 Resp: 65062

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.7	15.4	23.0

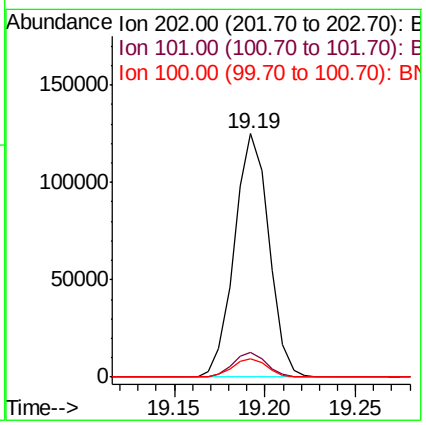


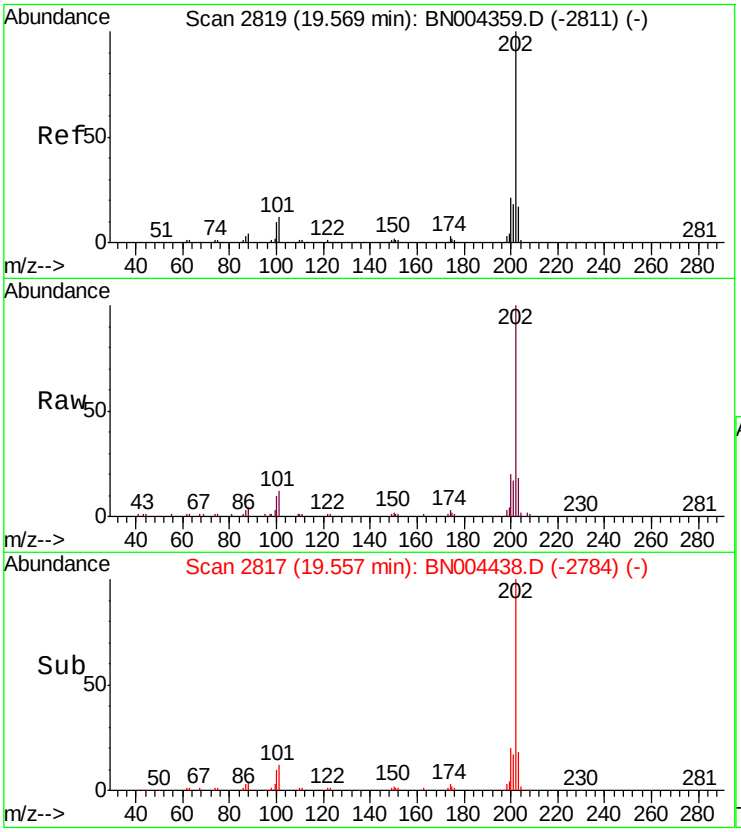


#77
Fluoranthene
Concen: 6.945 ng/ul
RT: 19.19 min Scan# 2755
Delta R.T. -0.00 min
Lab File: BN004438.D
Acq: 18 Feb 2019 12:25

Tgt Ion:202 Resp: 166173

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.2	12.4
100	7.8	6.6	9.8



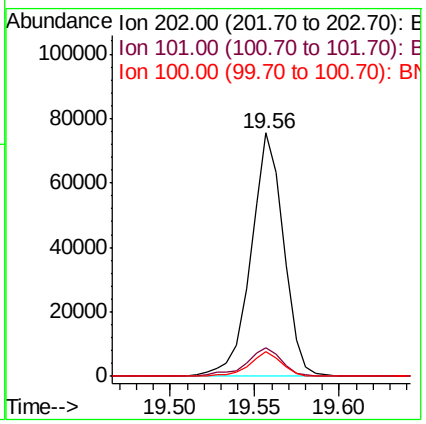


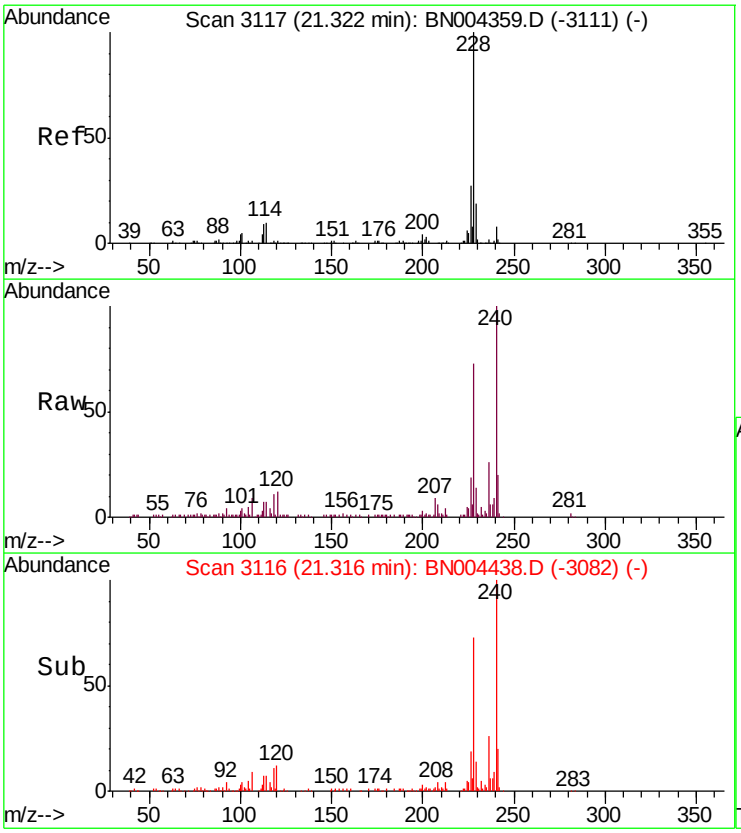
#80
Pyrene
Concen: 3.966 ng/ul
RT: 19.56 min Scan# 2817
Delta R.T. -0.01 min
Lab File: BN004438.D
Acq: 18 Feb 2019 12:25

Instrument :
BNA_N
ClientSampleId :
CB5B1

Tgt Ion:202 Resp: 101518

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.2	13.8
100	9.9	7.5	11.3

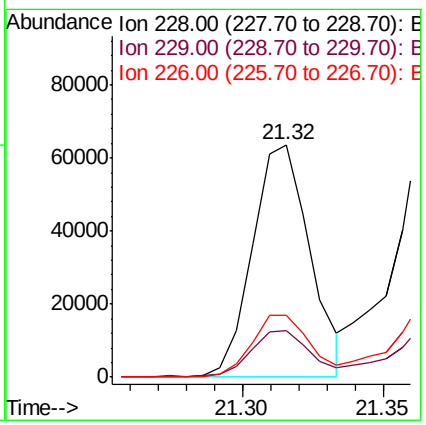


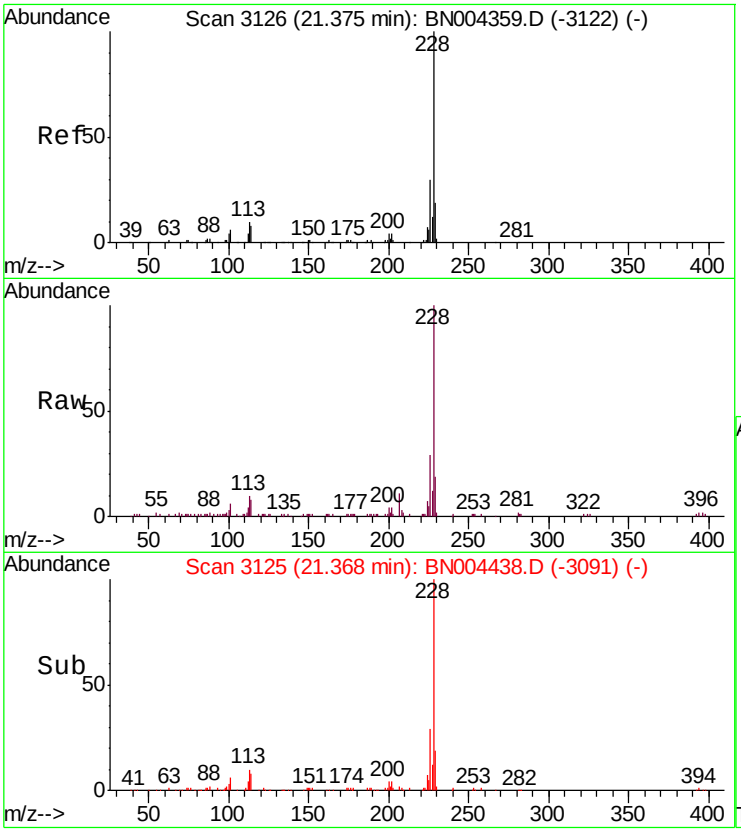


#83
Benzo(a)anthracene
Concen: 3.148 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. -0.00 min
Lab File: BN004438.D
Acq: 18 Feb 2019 12:25

Tgt Ion:228 Resp: 89786

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.4	23.2
226	26.8	21.4	32.2



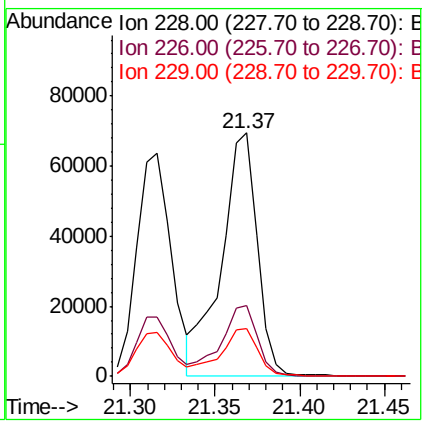


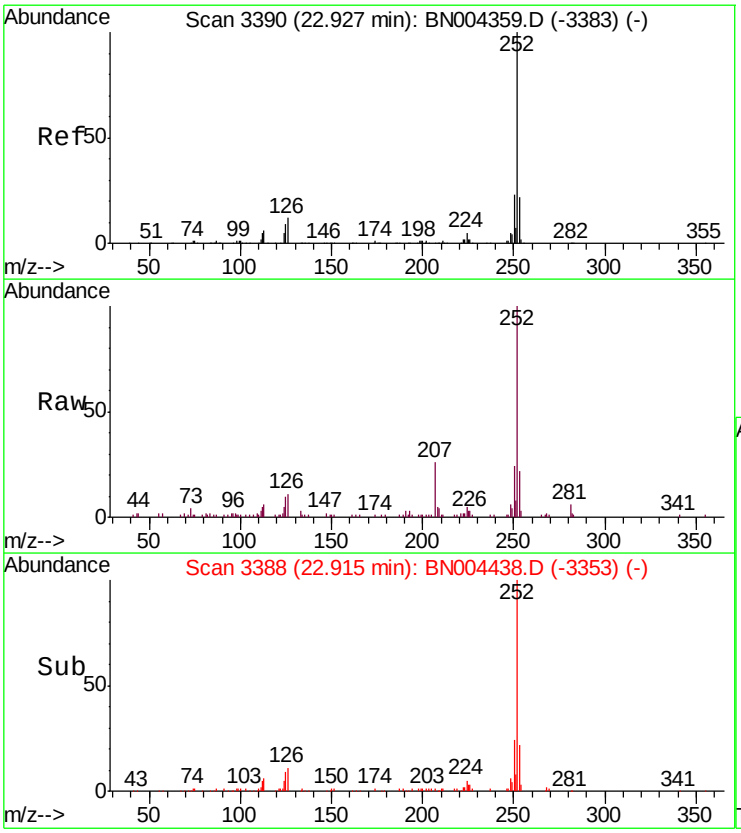
#85
Chrysene
Concen: 3.801 ng/ul
RT: 21.37 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BN004438.D
Acq: 18 Feb 2019 12:25

Instrument :
BNA_N
ClientSampleId :
CB5B1

Tgt Ion:228 Resp: 102932

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	19.5	15.7	23.5

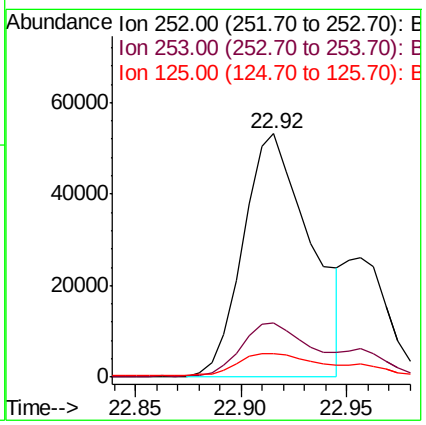


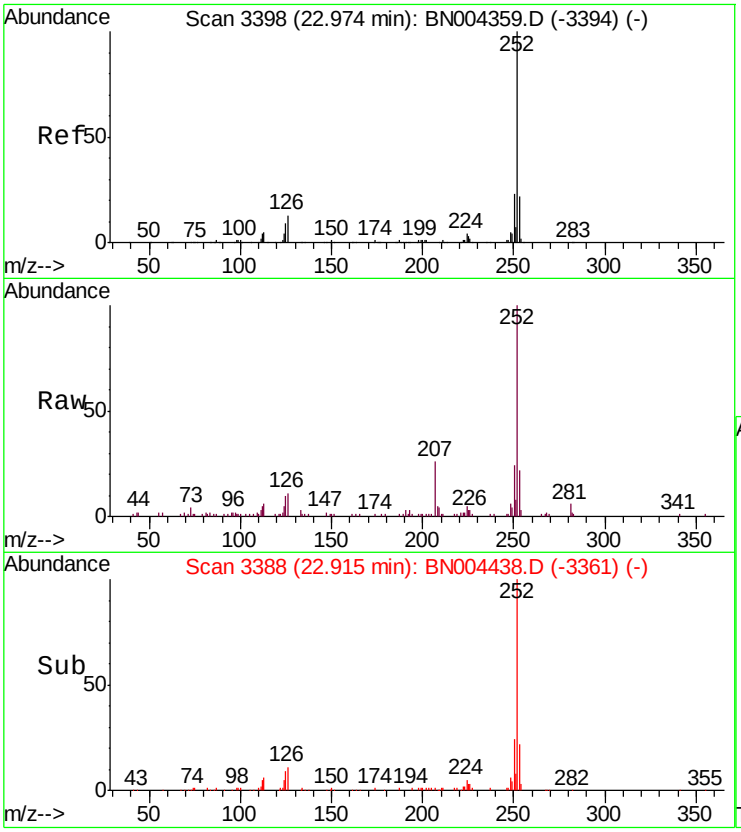


#88
Benzo(b)fluoranthene
Concen: 3.709 ng/ul
RT: 22.92 min Scan# 3388
Delta R.T. 0.01 min
Lab File: BN004438.D
Acq: 18 Feb 2019 12:25

Tgt Ion:252 Resp: 118106

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.9	7.4	11.2





#89
Benzo(k)fluoranthene
Concen: 3.816 ng/ul
RT: 22.92 min Scan# 3388
Delta R.T. -0.04 min
Lab File: BN004438.D
Acq: 18 Feb 2019 12:25

Instrument :
BNA_N
ClientSampleId :
CB5B1

Tgt Ion:252 Resp: 118106

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	9.9	7.4	11.0