Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000738.D
Acq On : 15 Oct 2019 03:20
Operator : JU
Sample : K5175-15
Misc : GCMS CONFIRMATION
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG2

Quant Time: Oct 15 05:30:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 15 03:51:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	236605	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	930352	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.79	164	523629	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	1003695	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	898980	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	999784	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
70) Phenanthrene	11.32	178	80739	1.476	ng/ul	98
77) Fluoranthene	12.52	202	170121	3.035	ng/ul	96
80) Pyrene	12.75	202	84891	1.331	ng/ul	98
83) Benzo(a)anthracene	13.96	228	63807	1.058	ng/ul	98
85) Chrysene	13.99	228	103486	1.845	ng/ul	99
88) Benzo(b)fluoranthene	15.02	252	73560	1.233	ng/ul	99

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

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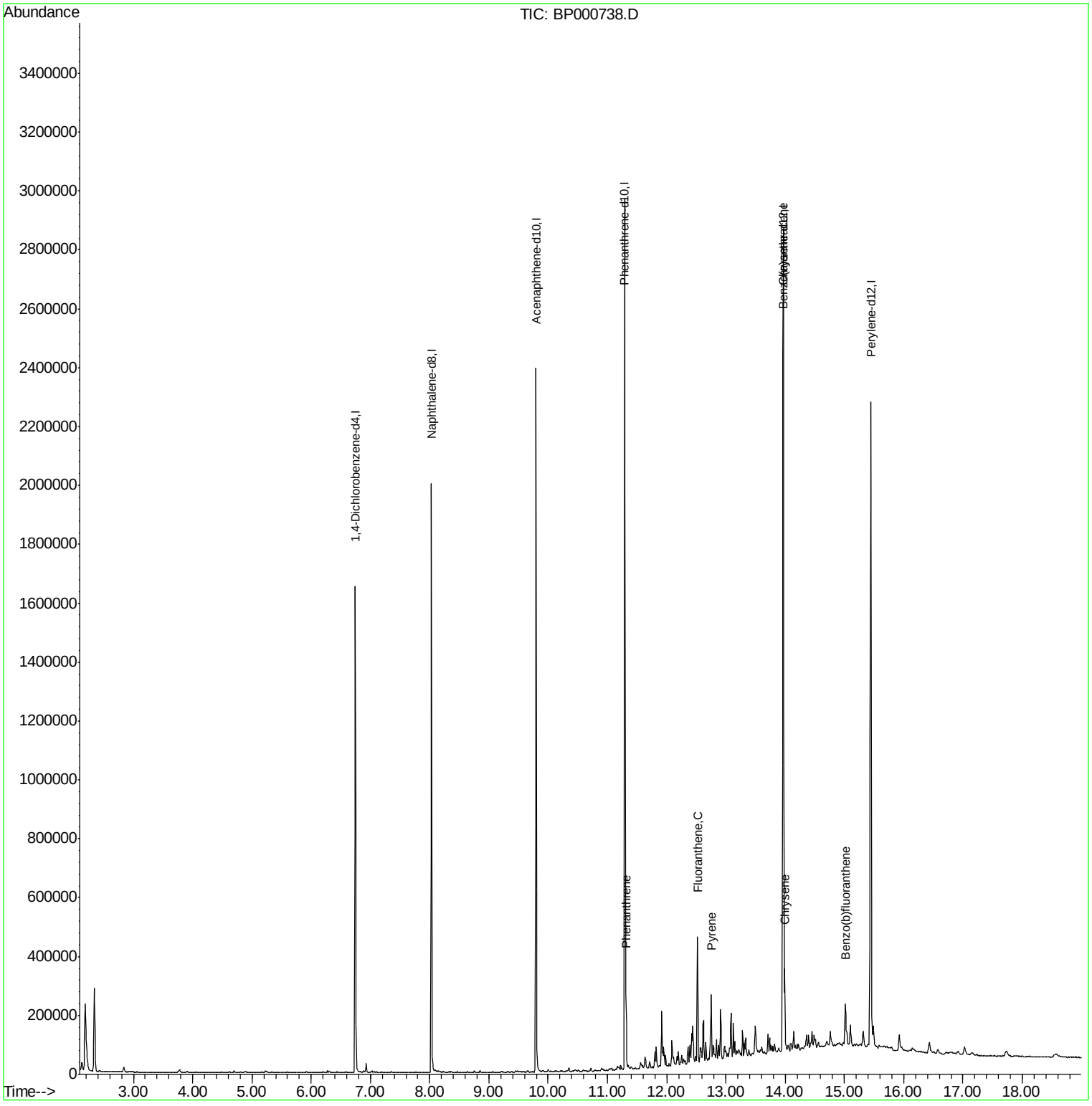
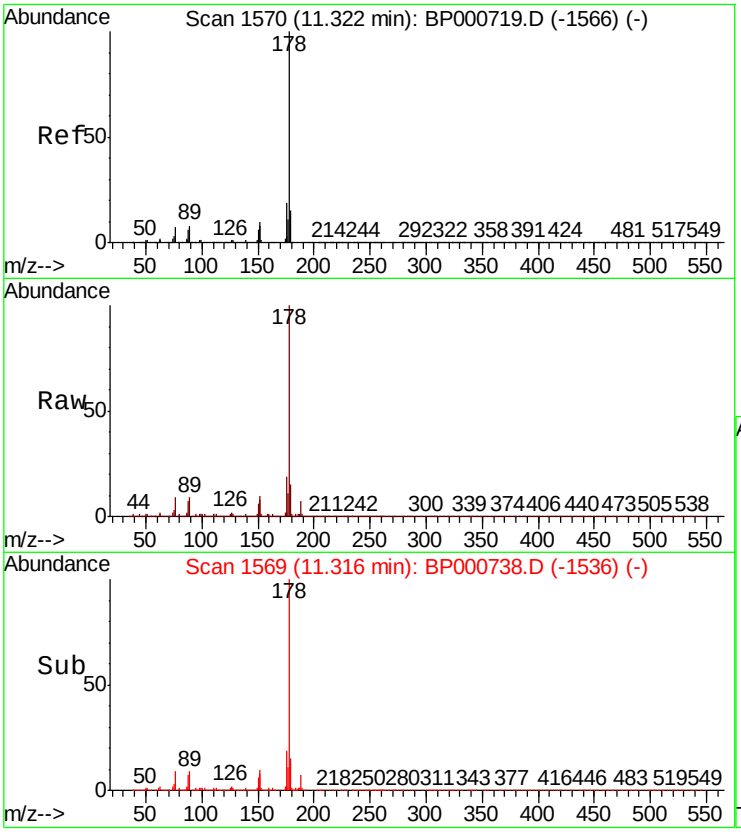


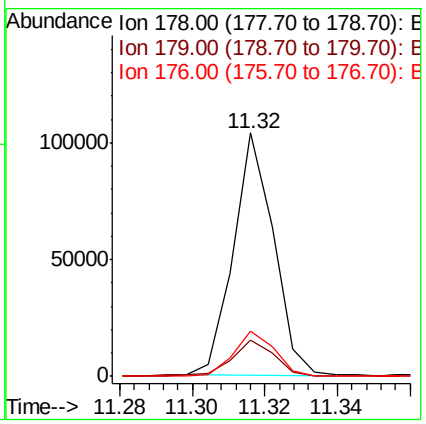


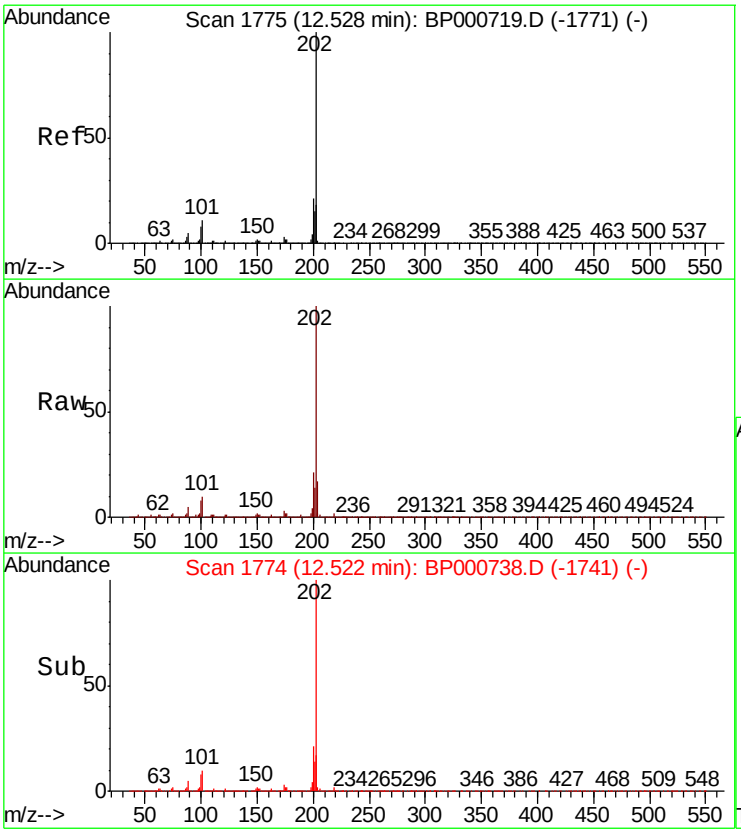
#70
Phenanthrene
Concen: 1.476 ng/ul
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BP000738.D
Acq: 15 Oct 2019 03:20

Instrument :
BNA_P
ClientSampleId :
BEPG2

Tgt Ion:178 Resp: 80739

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.5	18.7
176	18.7	15.4	23.2

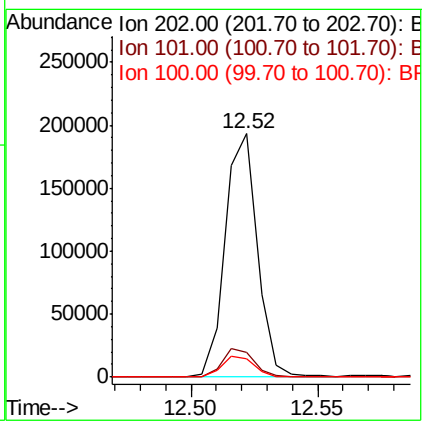


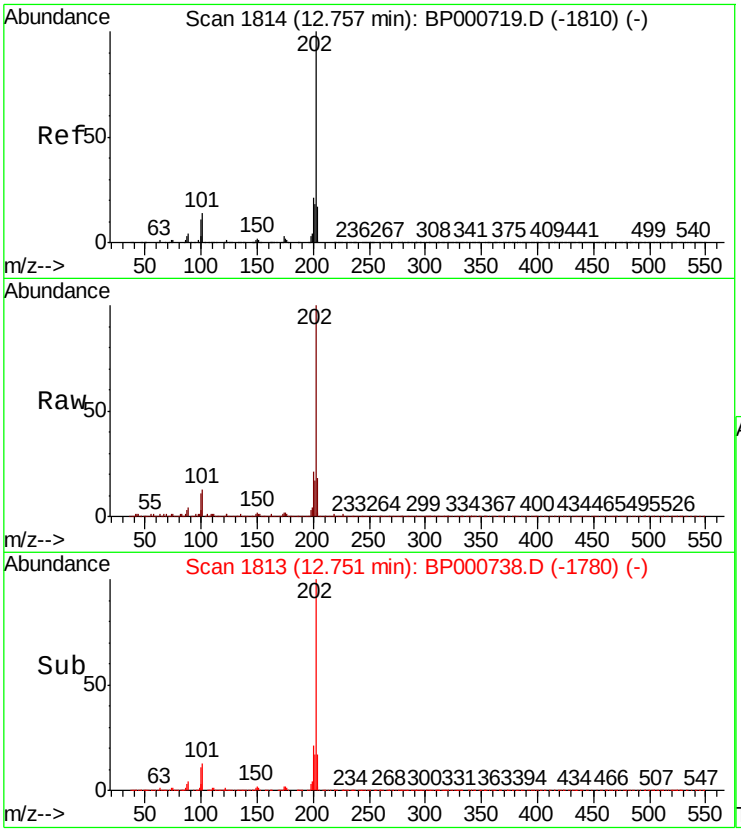


#77
Fluoranthene
Concen: 3.035 ng/ul
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BP000738.D
Acq: 15 Oct 2019 03:20

Tgt Ion:202 Resp: 170121

Ion	Ratio	Lower	Upper
202	100		
101	10.4	9.8	14.6
100	7.5	7.2	10.8



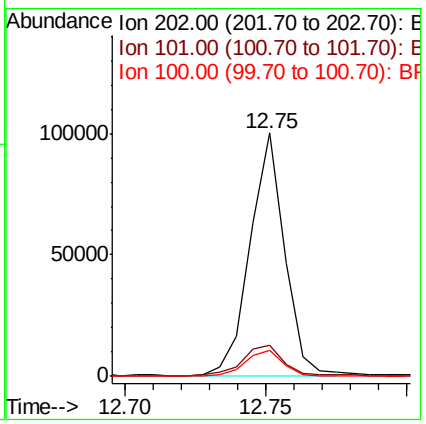


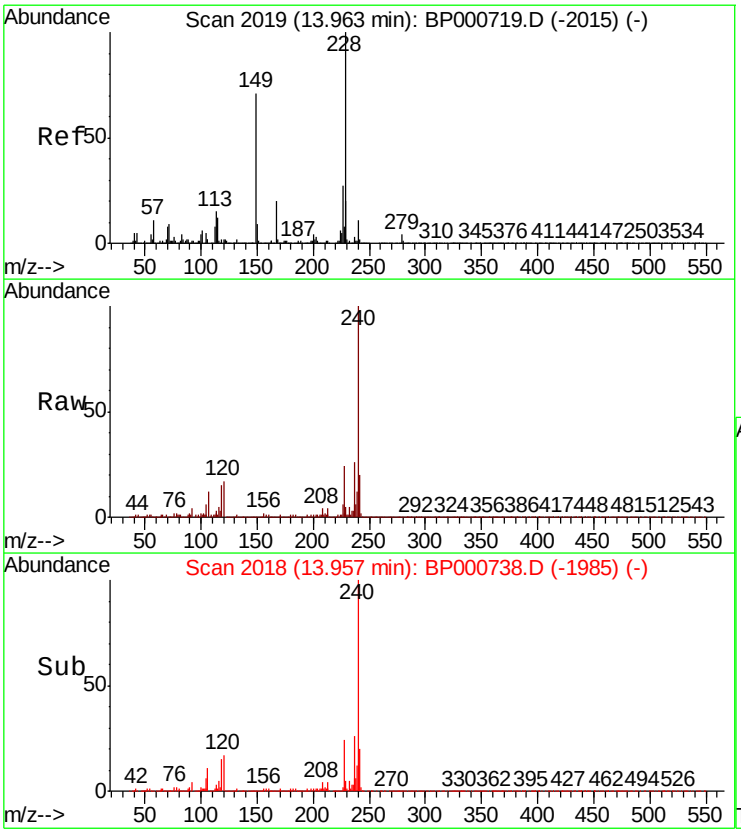
#80
Pyrene
Concen: 1.331 ng/ul
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BP000738.D
Acq: 15 Oct 2019 03:20

Instrument :
BNA_P
ClientSampleId :
BEPG2

Tgt Ion:202 Resp: 84891

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.7	14.5
100	10.6	7.8	11.8

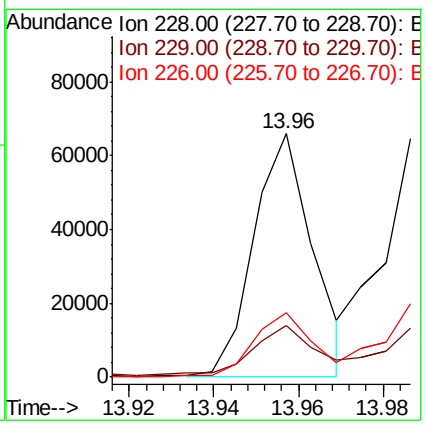


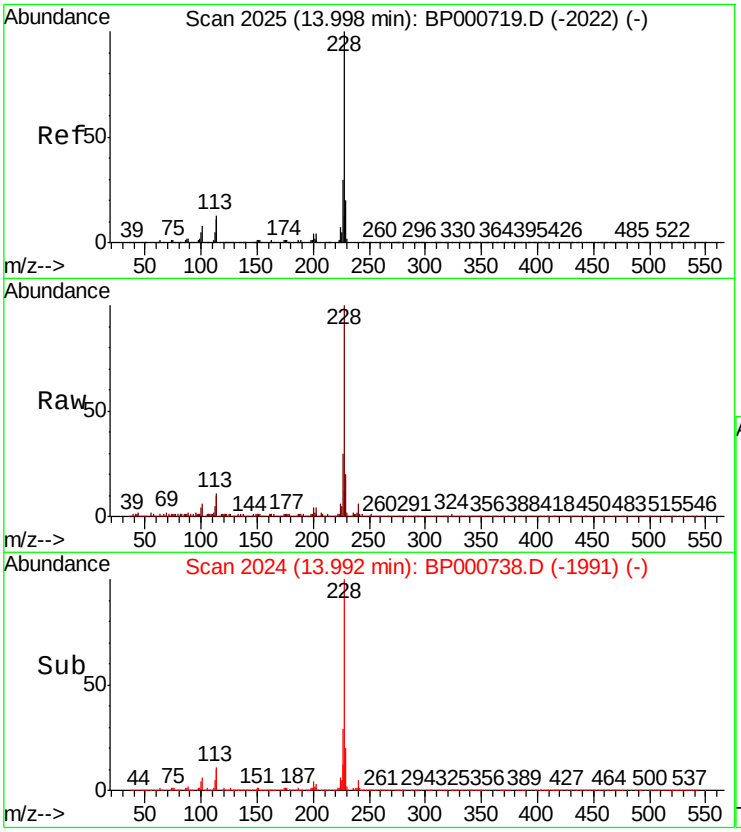


#83
Benzo(a)anthracene
Concen: 1.058 ng/ul
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000738.D
Acq: 15 Oct 2019 03:20

Tgt Ion:228 Resp: 63807

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.6	23.4
226	26.5	21.8	32.8



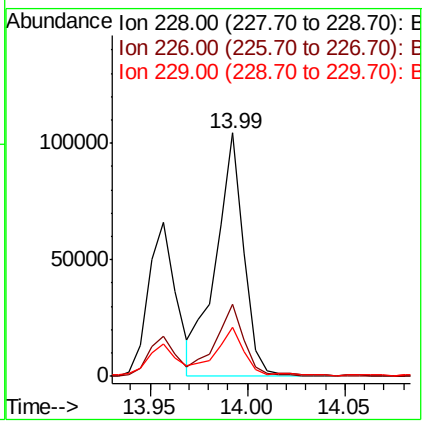


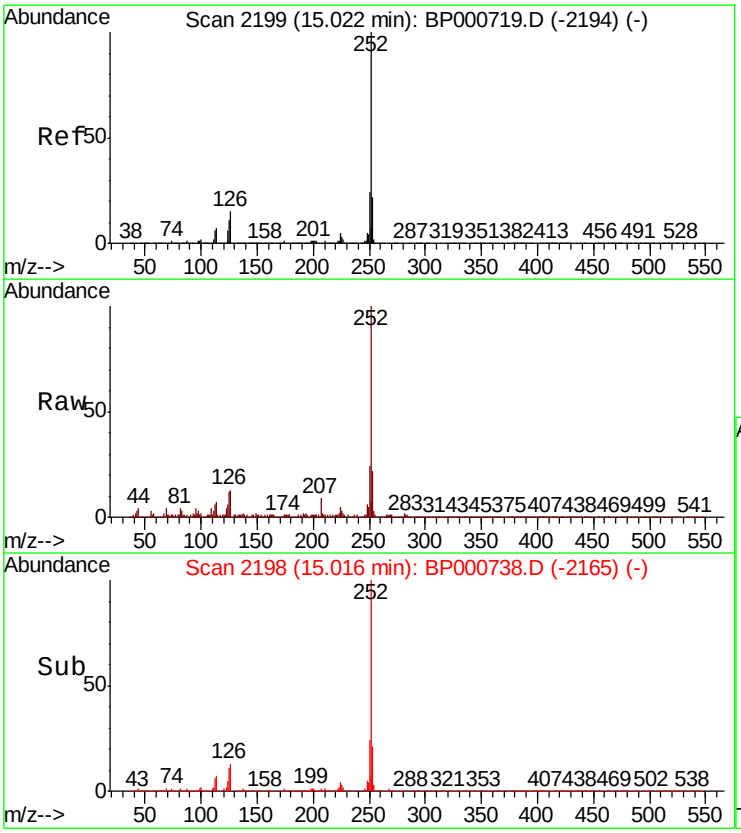
#85
Chrysene
Concen: 1.845 ng/ul
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000738.D
Acq: 15 Oct 2019 03:20

Instrument :
BNA_P
ClientSampleId :
BEPG2

Tgt Ion:228 Resp: 103486

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.4
229	20.2	15.8	23.6





#88
Benzo(b)fluoranthene
Concen: 1.233 ng/ul
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP000738.D
Acq: 15 Oct 2019 03:20

Tgt Ion:252 Resp: 73560

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	11.8	8.7	13.1