Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000203.D
Acq On : 11 Sep 2019 15:06
Operator : HP/JU
Sample : K4634-06
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 12 02:14:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	283311	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1056440	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	579826	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1092788	20.00	ng/ul	0.00
78) Chrysene-d12	14.15	240	966345	20.00	ng/ul	0.00
86) Perylene-d12	15.70	264	1053135	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.62	96	62	0.01	ng/uL	0.01
5) Phenol-d5	6.51	99	9	0.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	98	0.01	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	30	0.00	ng/ul	0.00
13) 4-Methylphenol-d8	7.25	113	11	0.00	ng/ul	-0.01
19) Nitrobenzene-d5	7.45	128	34	0.00	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	16	0.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	36	0.00	ng/ul	0.00
29) 4-Chloroaniline-d4	8.26	131	6	0.00	ng/ul	0.02
44) Dimethylphthalate-d6	9.62	166	28	0.00	ng/ul	-0.02
47) Acenaphthylene-d8	9.95	160	267578	5.06	ng/ul	0.15
52) 4-Nitrophenol-d4	10.03	143	8	0.00	ng/ul	0.00
58) Fluorene-d10	10.47	176	1298	0.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.52	200	7	0.00	ng/ul	0.00
71) Anthracene-d10	11.50	188	6327	0.12	ng/ul	0.00
79) Pyrene-d10	12.90	212	208	0.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.70	264	1053135	19.29	ng/ul	0.12
Target Compounds						Qvalue
70) Phenanthrene	11.48	178	166988	2.584	ng/ul	99
77) Fluoranthene	12.69	202	297038	4.557	ng/ul	98
80) Pyrene	12.92	202	153814	2.110	ng/ul	98
83) Benzo(a)anthracene	14.14	228	103968	1.486	ng/ul	99
85) Chrysene	14.17	228	145115	2.261	ng/ul	99
88) Benzo(b)fluoranthene	15.24	252	203577	2.917	ng/ul	97
89) Benzo(k)fluoranthene	15.24	252	203577	3.094	ng/ul	98

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

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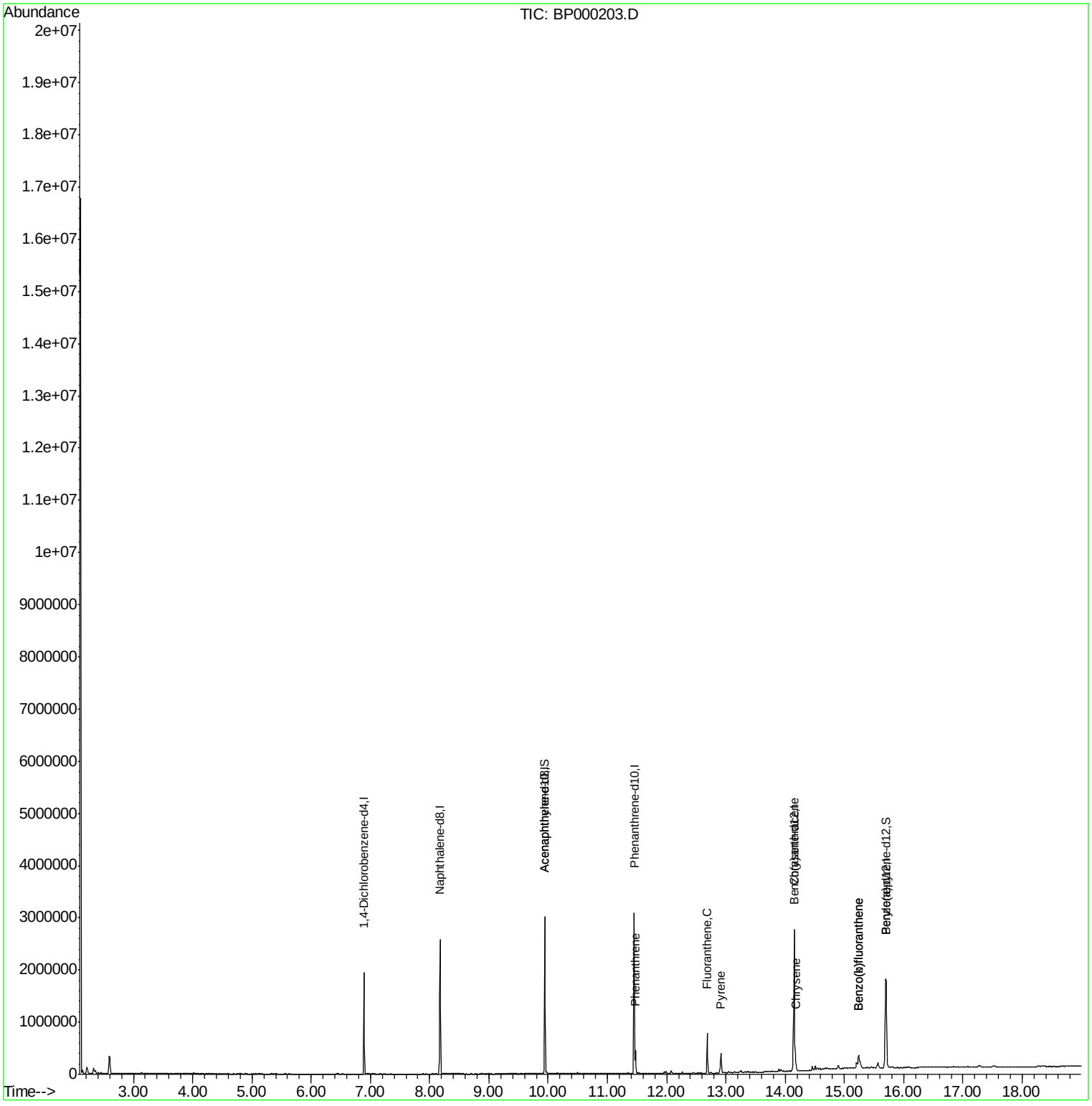
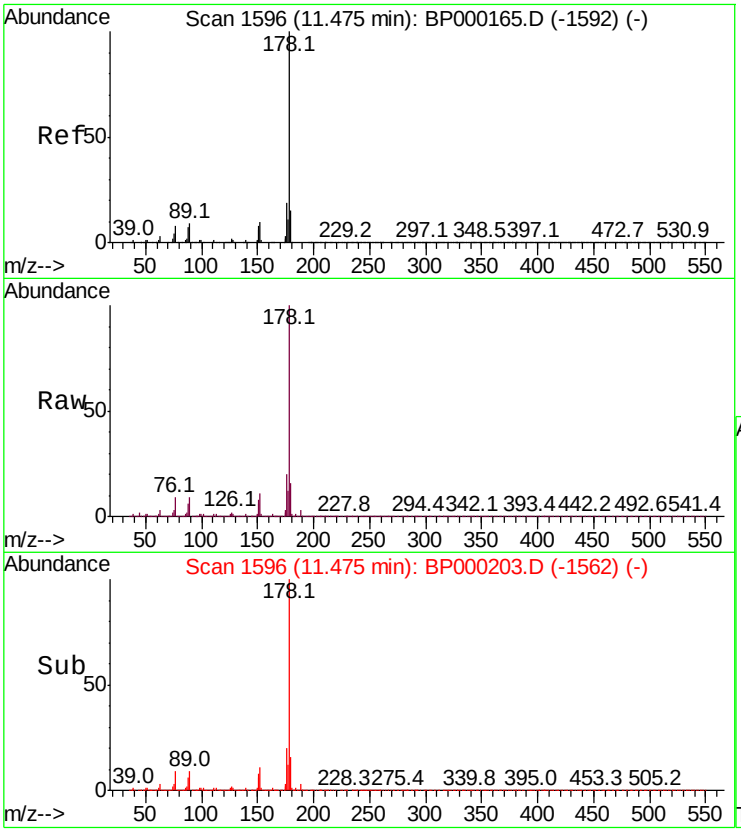


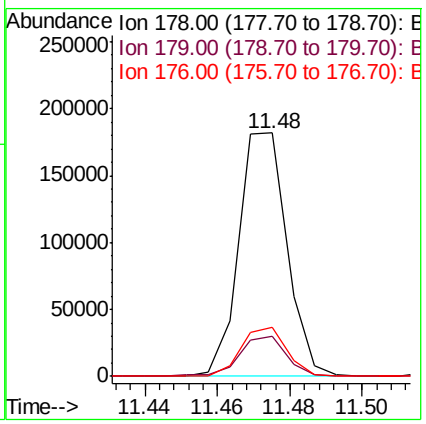


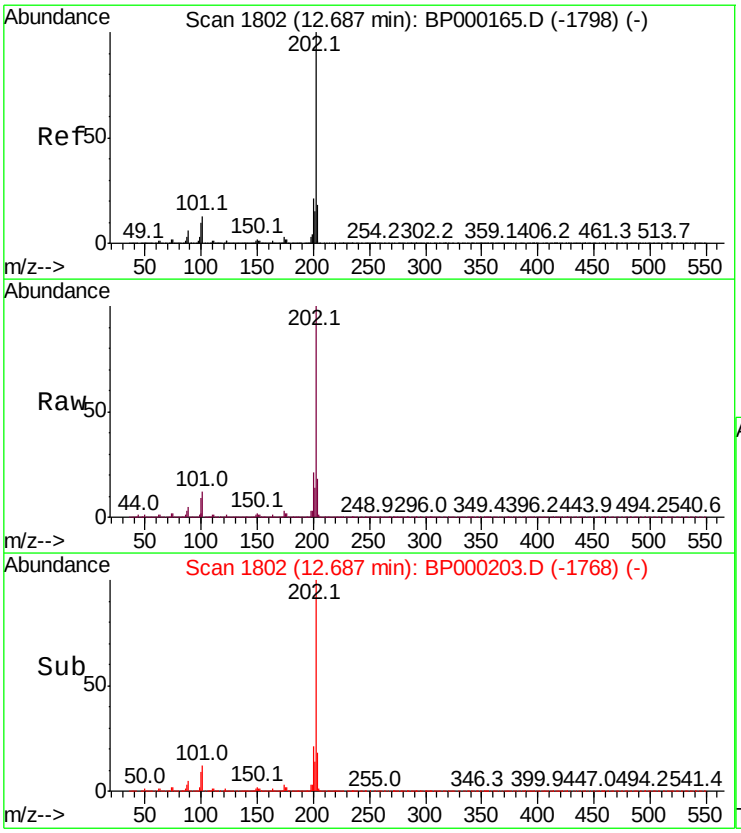
#70
Phenanthrene
Concen: 2.584 ng/ul
RT: 11.48 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BP000203.D
Acq: 11 Sep 2019 15:06

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 166988

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.5	18.7
176	20.1	15.7	23.5

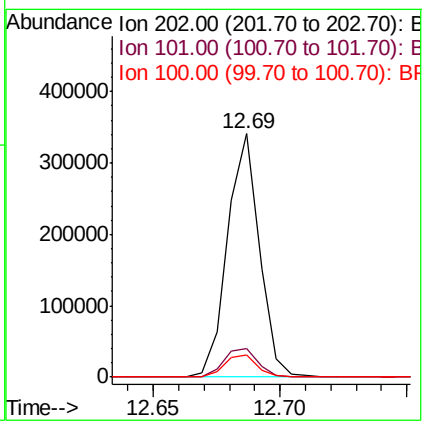


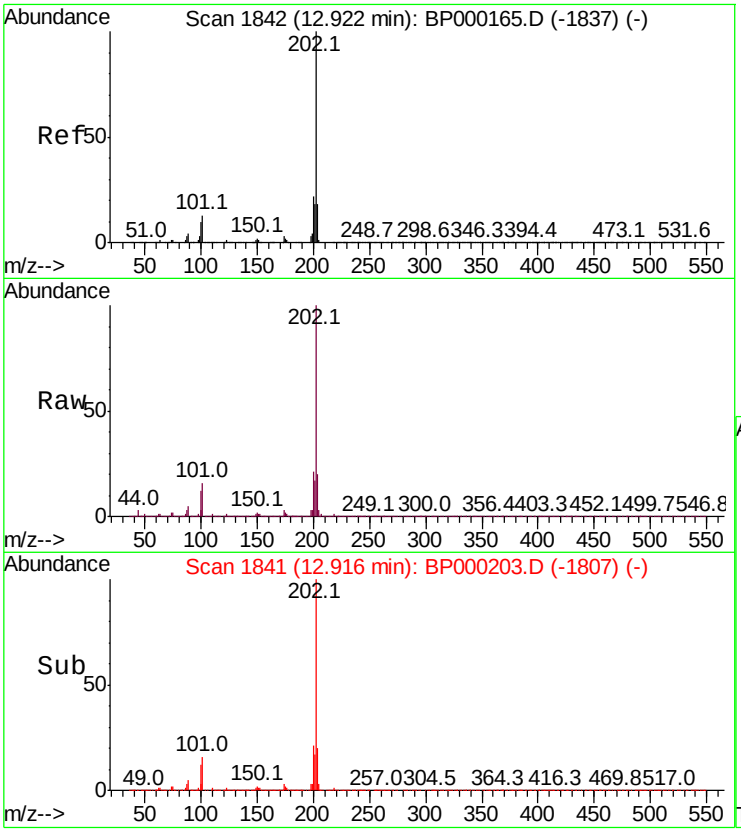


#77
Fluoranthene
Concen: 4.557 ng/ul
RT: 12.69 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BP000203.D
Acq: 11 Sep 2019 15:06

Tgt Ion:202 Resp: 297038

Ion	Ratio	Lower	Upper
202	100		
101	11.7	10.0	15.0
100	8.9	7.4	11.2



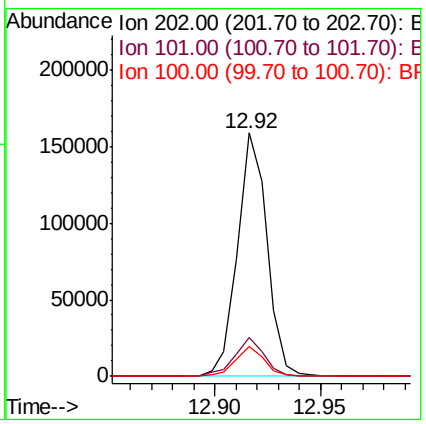


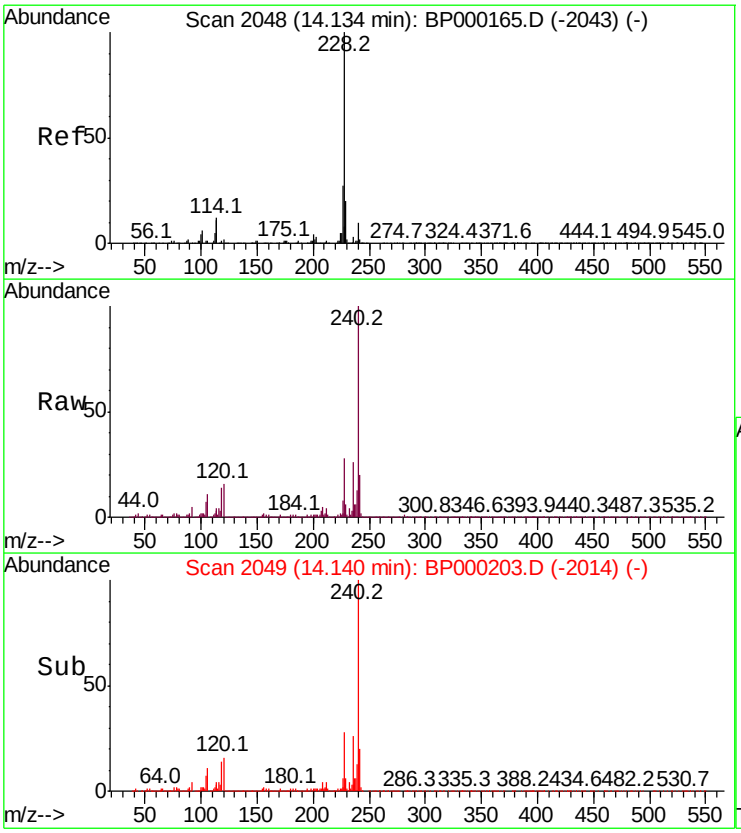
#80
Pyrene
Concen: 2.110 ng/ul
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BP000203.D
Acq: 11 Sep 2019 15:06

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 153814

Ion	Ratio	Lower	Upper
202	100		
101	16.1	13.4	20.0
100	12.2	10.8	16.2

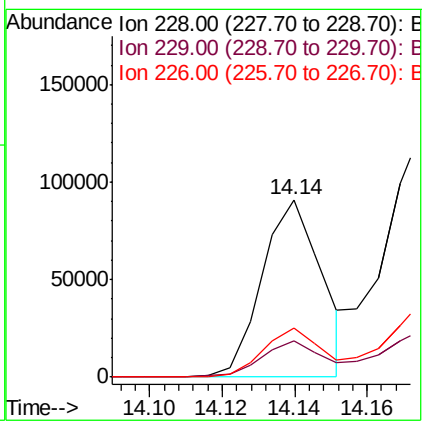


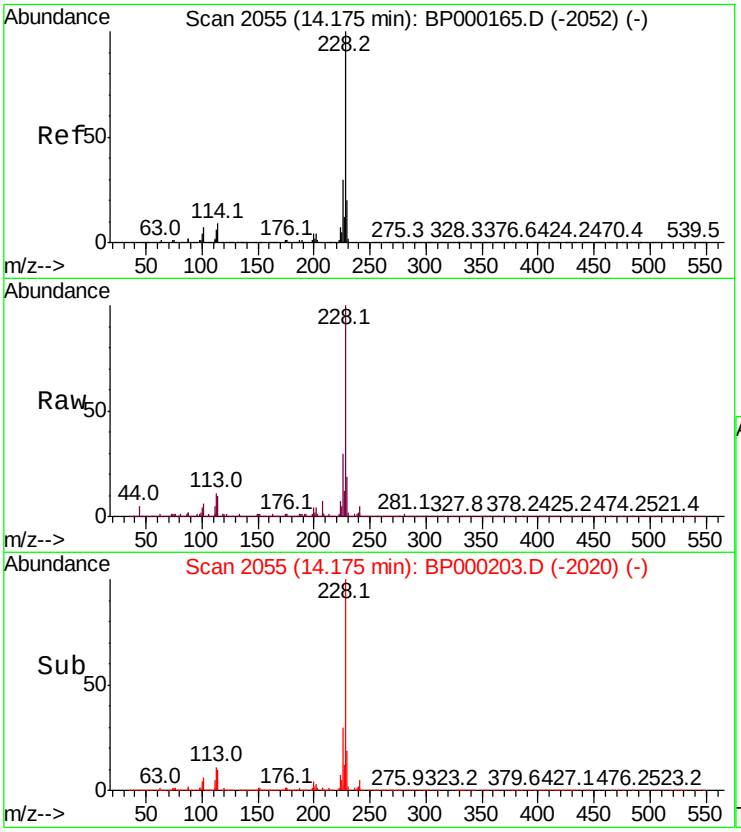


#83
Benzo(a)anthracene
Concen: 1.486 ng/ul
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BP000203.D
Acq: 11 Sep 2019 15:06

Tgt Ion:228 Resp: 103968

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.9	23.9
226	27.8	22.1	33.1



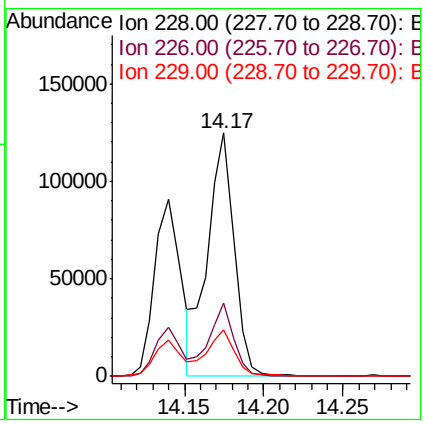


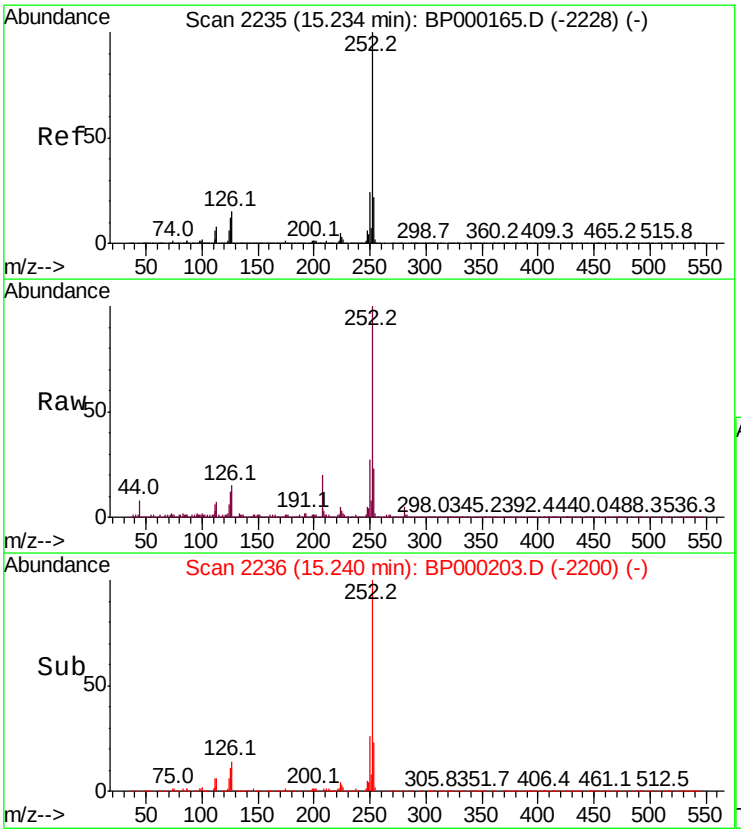
#85
Chrysene
Concen: 2.261 ng/ul
RT: 14.17 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BP000203.D
Acq: 11 Sep 2019 15:06

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 145115

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.4	36.6
229	18.9	16.0	24.0

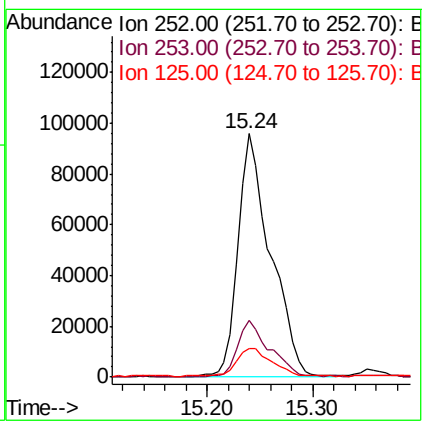


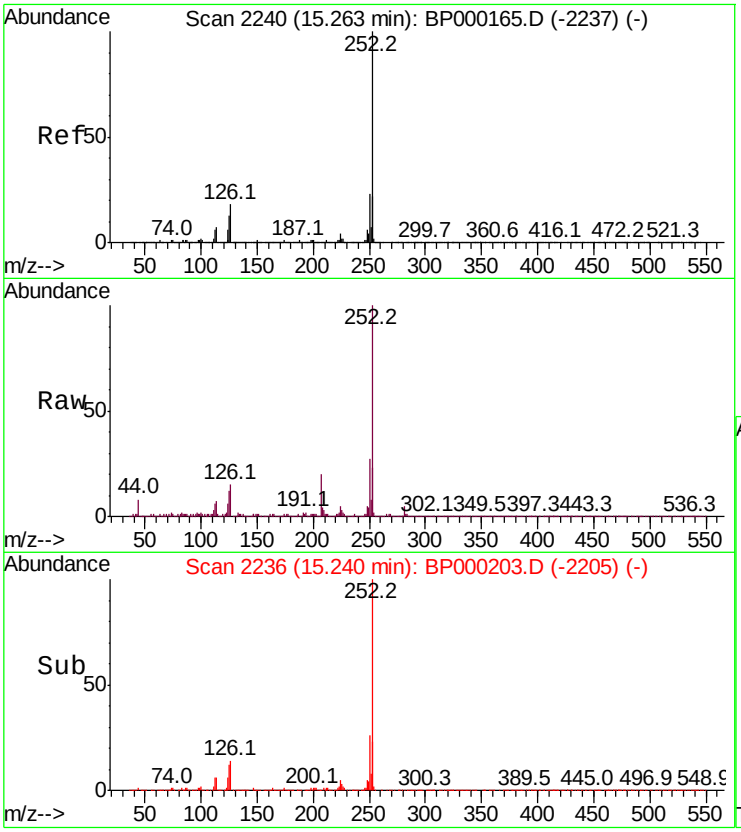


#88
Benzo(b)fluoranthene
Concen: 2.917 ng/ul
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BP000203.D
Acq: 11 Sep 2019 15:06

Tgt Ion:252 Resp: 203577

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	11.8	9.9	14.9





#89
Benzo(k)fluoranthene
Concen: 3.094 ng/ul
RT: 15.24 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BP000203.D
Acq: 11 Sep 2019 15:06

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 203577

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	11.8	10.2	15.2