Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000204.D
Acq On : 11 Sep 2019 15:31
Operator : HP/JU
Sample : K4634-07
Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 12 02:15:00 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	271687	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1047216	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	565396	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1075955	20.00	ng/ul	0.00
78) Chrysene-d12	14.15	240	973658	20.00	ng/ul	0.00
86) Perylene-d12	15.70	264	1054414	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.59	96	127	0.02	ng/uL	-0.01
5) Phenol-d5	6.52	99	19	0.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.56	67	25	0.00	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	23	0.00	ng/ul	0.00
13) 4-Methylphenol-d8	7.25	113	11	0.00	ng/ul	0.00
19) Nitrobenzene-d5	7.43	128	71	0.01	ng/ul	-0.01
22) 2-Nitrophenol-d4	7.76	143	12	0.00	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	8.01	165	93	0.01	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	62	0.00	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	65	0.00	ng/ul	0.00
47) Acenaphthylene-d8	9.95	160	258613	5.01	ng/ul	0.15
52) 4-Nitrophenol-d4	10.02	143	71	0.01	ng/ul	-0.02
58) Fluorene-d10	10.47	176	1058	0.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.52	200	10	0.00	ng/ul	0.00
71) Anthracene-d10	11.50	188	6229	0.12	ng/ul	0.00
79) Pyrene-d10	12.89	212	101	0.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.70	264	1053430	19.27	ng/ul	0.11
Target Compounds						Qvalue
70) Phenanthrene	11.47	178	146418	2.301	ng/ul	97
77) Fluoranthene	12.69	202	425639	6.632	ng/ul	98
80) Pyrene	12.92	202	255693	3.481	ng/ul	94
83) Benzo(a)anthracene	14.14	228	229335	3.254	ng/ul	98
85) Chrysene	14.17	228	345336	5.340	ng/ul	98
88) Benzo(b)fluoranthene	15.24	252	482098	6.899	ng/ul	99
89) Benzo(k)fluoranthene	15.24	252	482098	7.318	ng/ul	100

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

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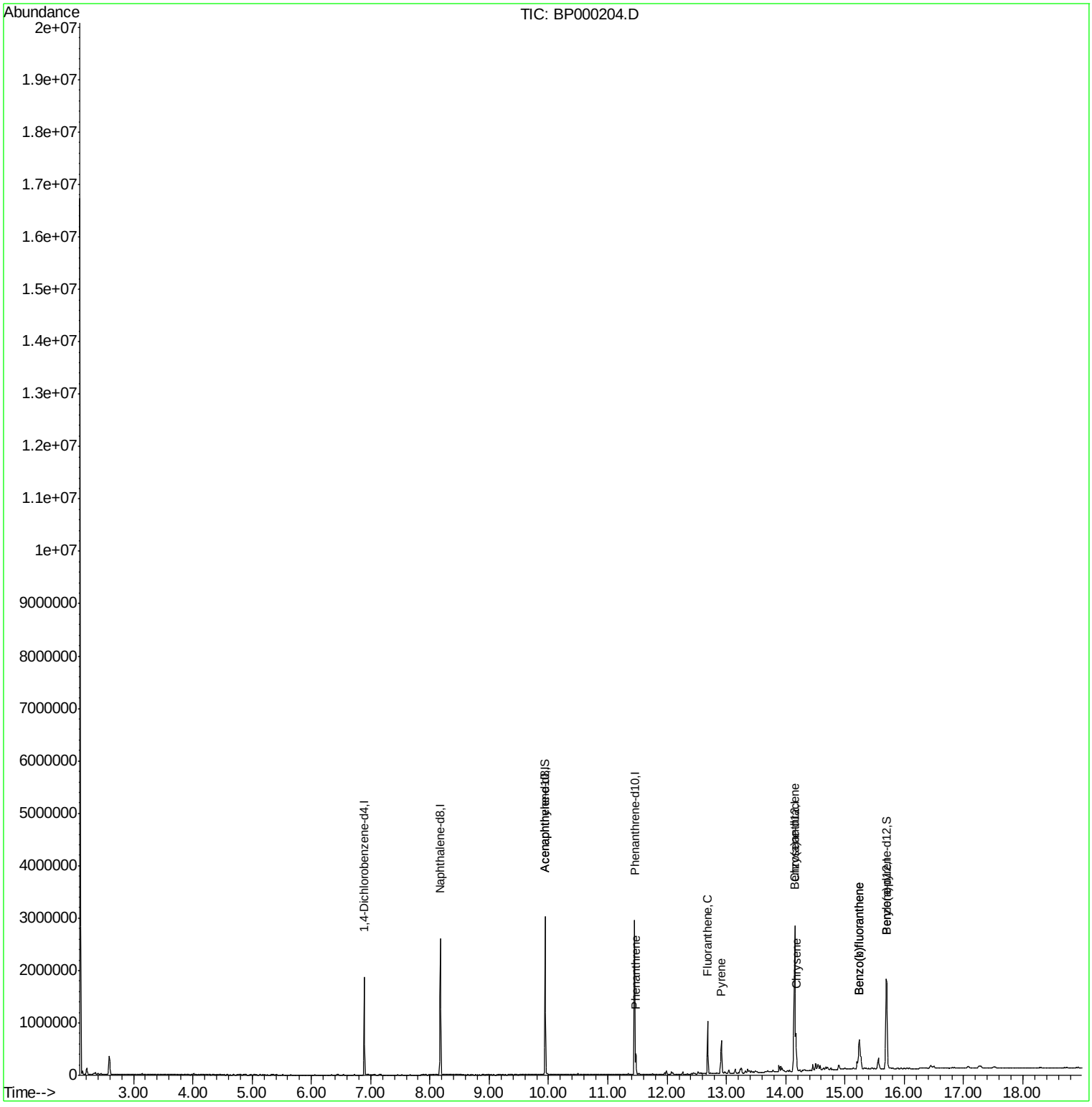
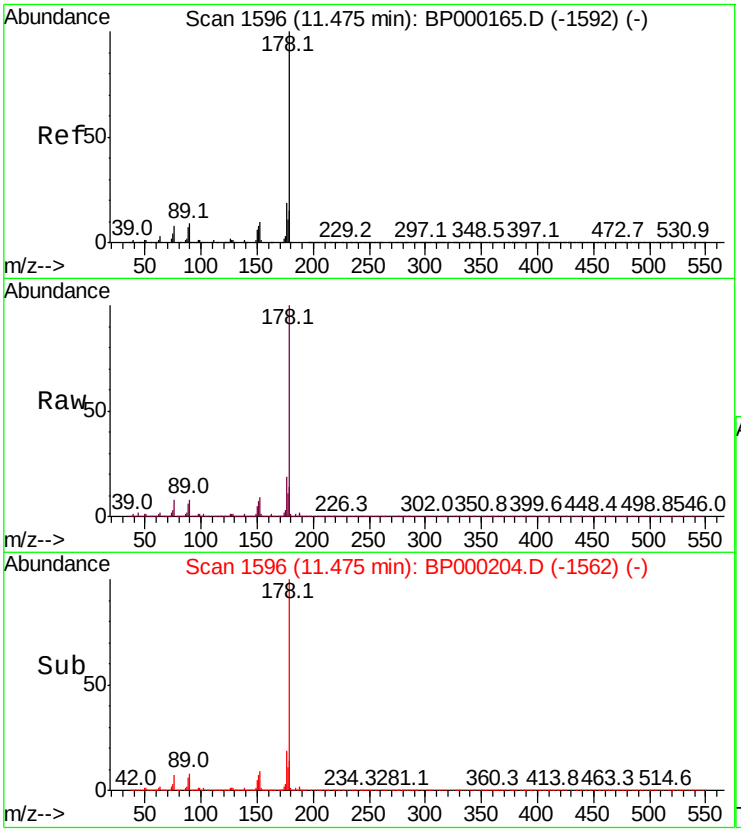


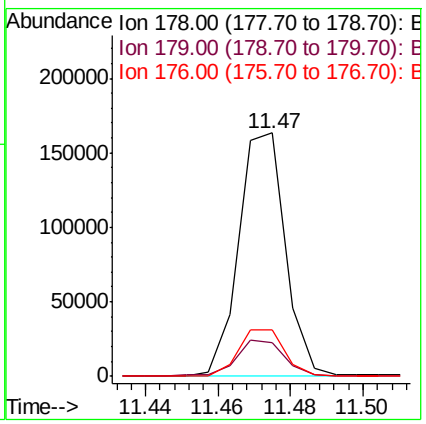


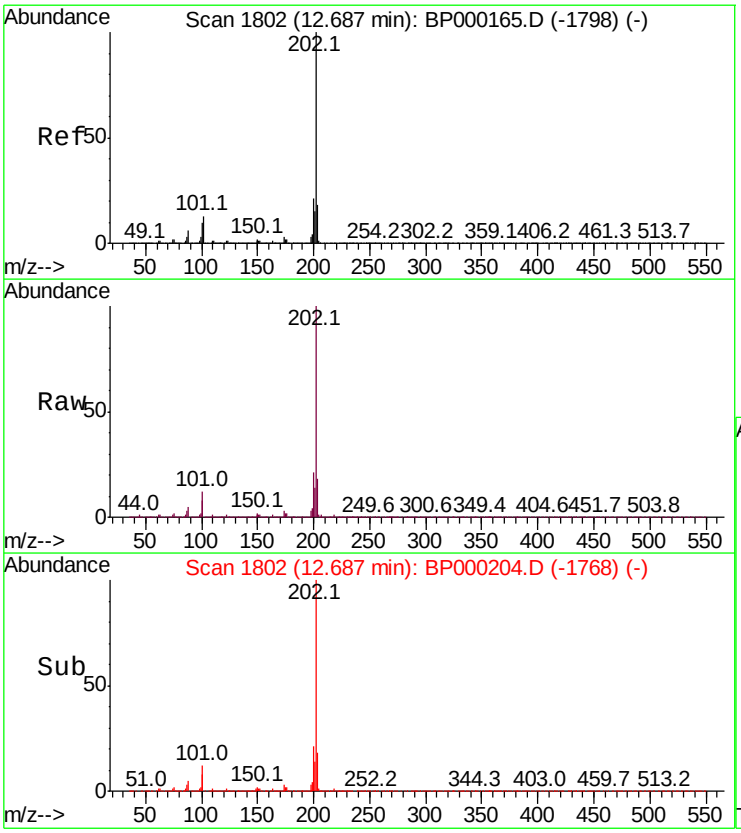
#70
Phenanthrene
Concen: 2.301 ng/ul
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BP000204.D
Acq: 11 Sep 2019 15:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 146418

Ion	Ratio	Lower	Upper
178	100		
179	13.8	12.5	18.7
176	18.8	15.7	23.5

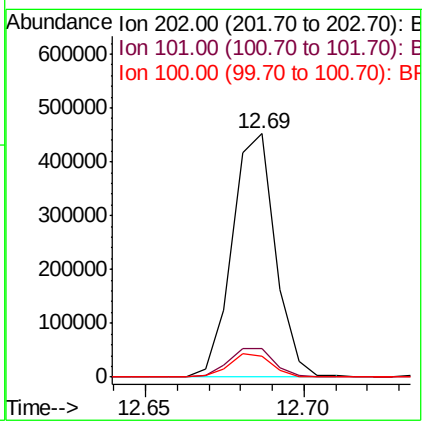


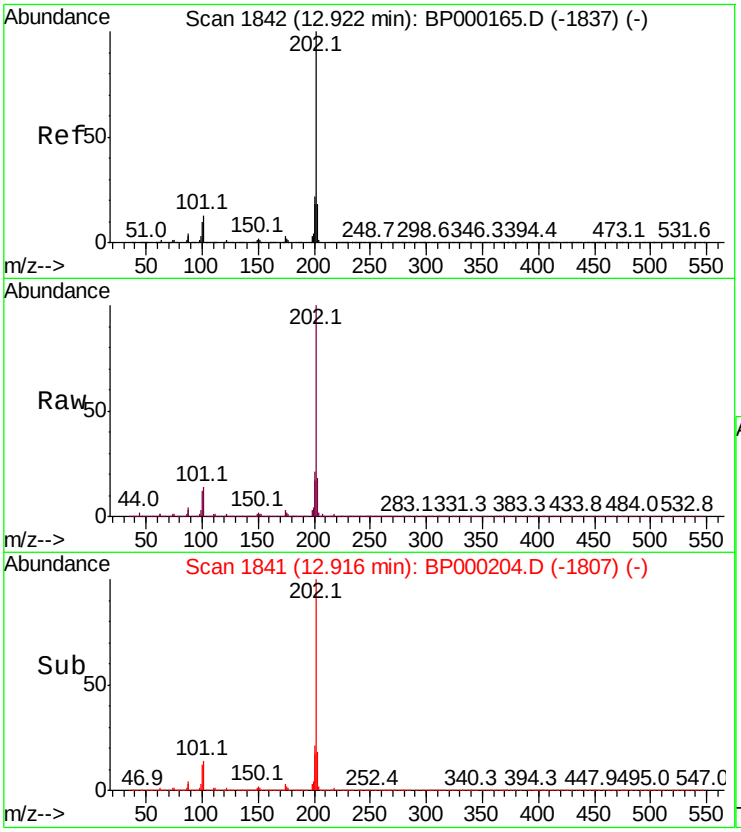


#77
Fluoranthene
Concen: 6.632 ng/ul
RT: 12.69 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BP000204.D
Acq: 11 Sep 2019 15:31

Tgt Ion:202 Resp: 425639

Ion	Ratio	Lower	Upper
202	100		
101	11.8	10.0	15.0
100	8.4	7.4	11.2



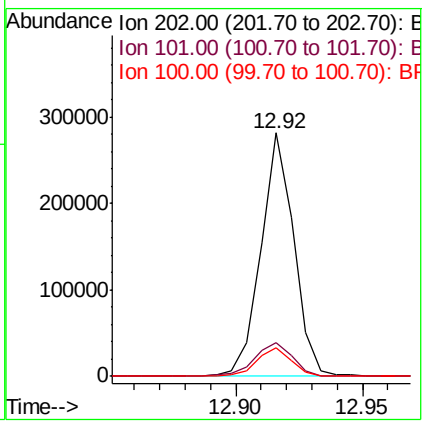


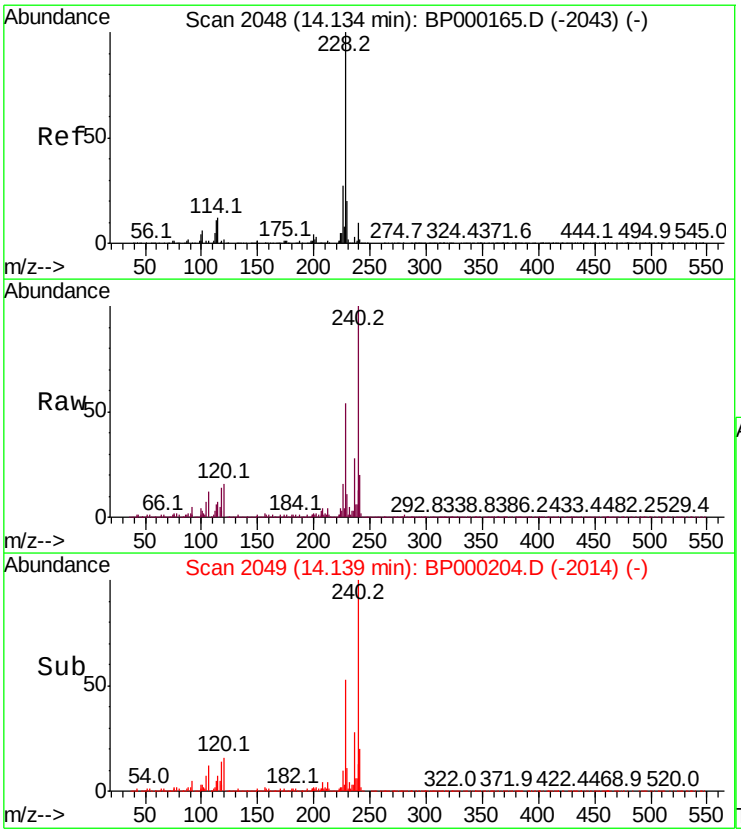
#80
Pyrene
Concen: 3.481 ng/ul
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BP000204.D
Acq: 11 Sep 2019 15:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 255693

Ion	Ratio	Lower	Upper
202	100		
101	14.1	13.4	20.0
100	11.6	10.8	16.2

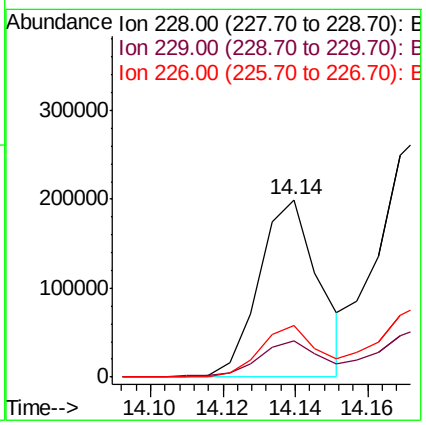


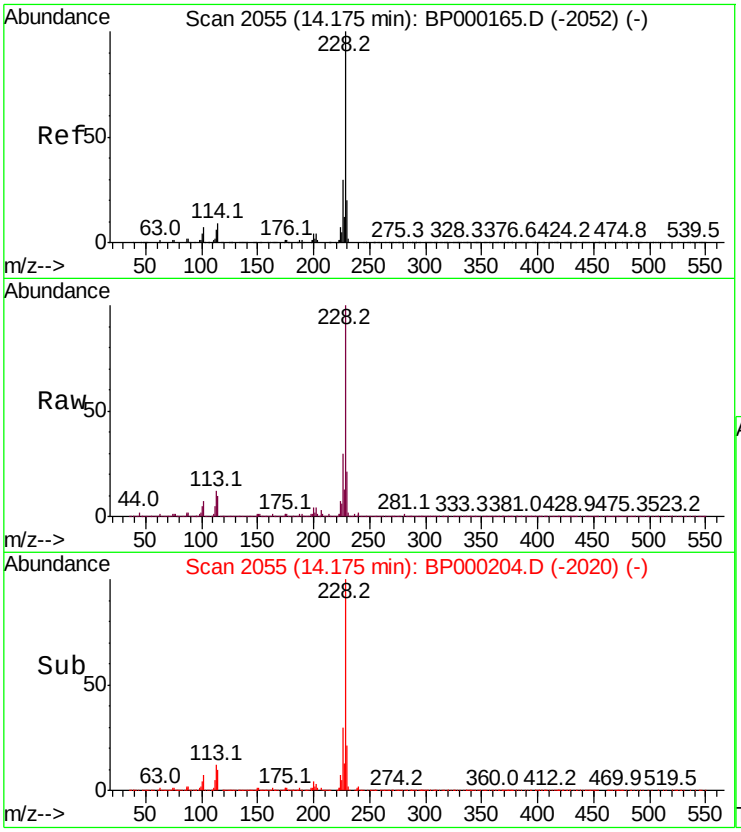


#83
Benzo(a)anthracene
Concen: 3.254 ng/ul
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BP000204.D
Acq: 11 Sep 2019 15:31

Tgt Ion:228 Resp: 229335

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.9	23.9
226	28.8	22.1	33.1



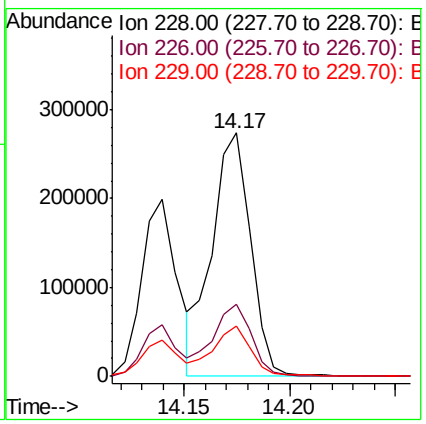


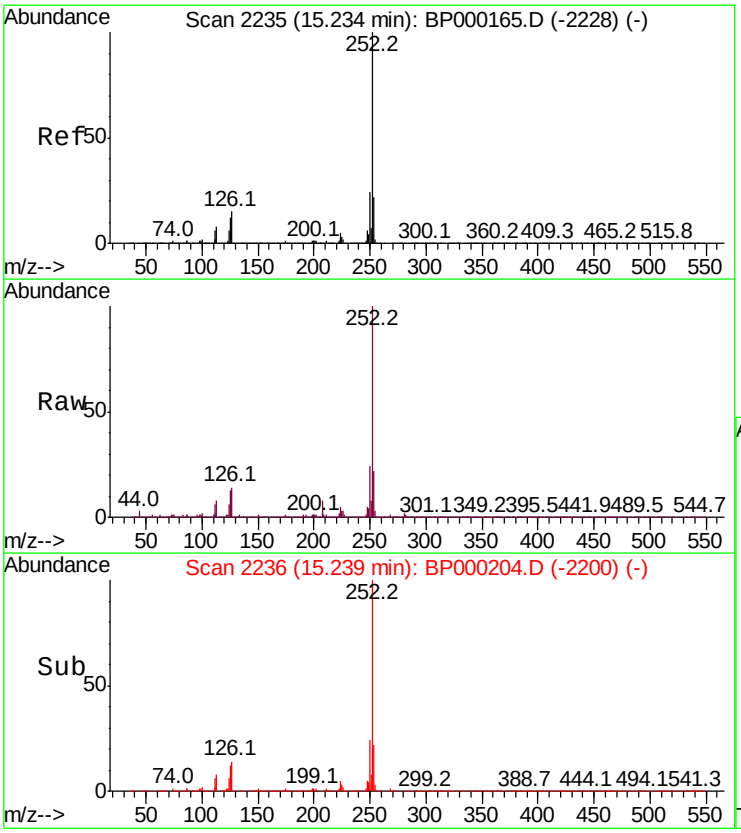
#85
Chrysene
Concen: 5.340 ng/ul
RT: 14.17 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BP000204.D
Acq: 11 Sep 2019 15:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 345336

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.4	36.6
229	20.8	16.0	24.0

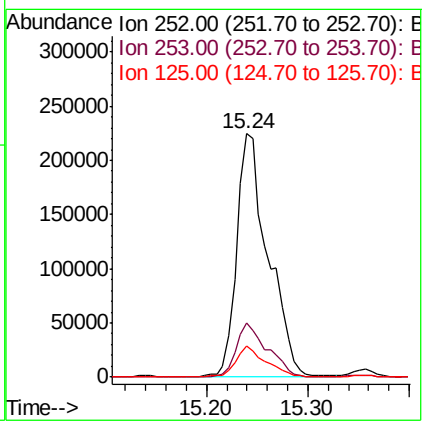


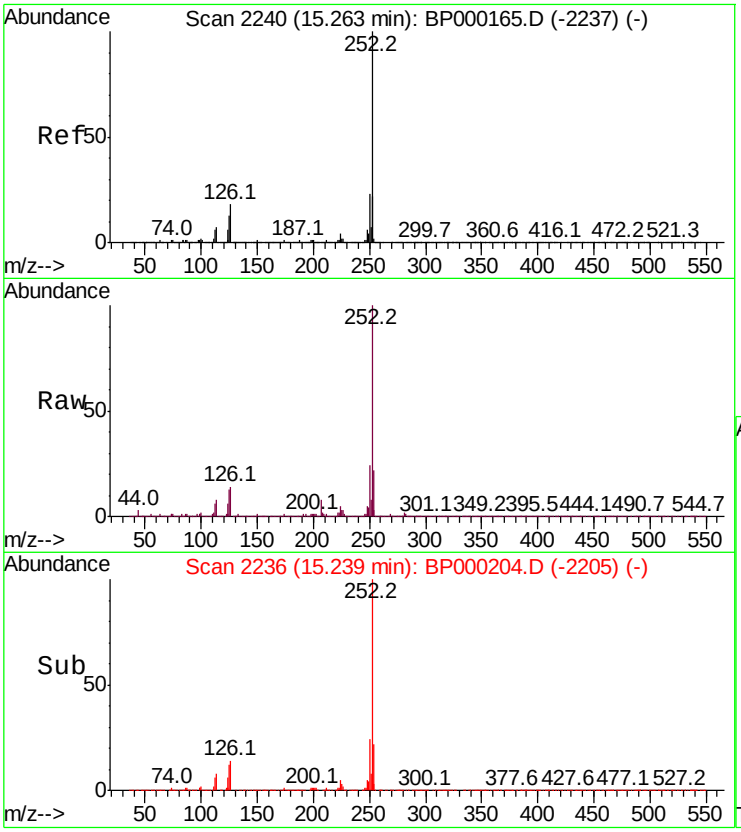


#88
Benzo(b)fluoranthene
Concen: 6.899 ng/ul
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BP000204.D
Acq: 11 Sep 2019 15:31

Tgt Ion:252 Resp: 482098

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	12.6	9.9	14.9





#89
Benzo(k)fluoranthene
Concen: 7.318 ng/ul
RT: 15.24 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BP000204.D
Acq: 11 Sep 2019 15:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 482098

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	12.6	10.2	15.2