Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000214.D
Acq On : 12 Sep 2019 13:38
Operator : HP/JU
Sample : K4633-12 30X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 13 01:47:36 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	332680	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1274049	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	670262	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1128469	20.00	ng/ul	0.00
78) Chrysene-d12	14.16	240	873418	20.00	ng/ul	0.02
86) Perylene-d12	15.73	264	889609	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.60	96	33	0.00	ng/uL	0.00
5) Phenol-d5	6.50	99	18705	0.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	11761	0.79	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	17045	0.74	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	11285	0.53	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	6825	0.71	ng/ul	0.00
22) 2-Nitrophenol-d4	7.77	143	6937	0.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	12905	0.65	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	7048	0.29	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	42285	0.85	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	51405	0.84	ng/ul	0.00
52) 4-Nitrophenol-d4	10.04	143	1835	0.21	ng/ul	0.00
58) Fluorene-d10	10.47	176	34610	0.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.54	200	837	0.16	ng/ul	0.01
71) Anthracene-d10	11.51	188	55337	1.01	ng/ul	0.00
79) Pyrene-d10	12.90	212	49012	0.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.62	264	44773	0.97	ng/ul	0.04
Target Compounds						Qvalue
70) Phenanthrene	11.47	178	340134	5.097	ng/ul	99
72) Anthracene	11.53	178	68953	1.050	ng/ul	99
77) Fluoranthene	12.69	202	670048	9.955	ng/ul	100
80) Pyrene	12.92	202	946838	14.369	ng/ul	98
83) Benzo(a)anthracene	14.15	228	809549	12.804	ng/ul#	91
85) Chrysene	14.19	228	1108866	19.113	ng/ul#	95
88) Benzo(b)fluoranthene	15.26	252	711668	12.070	ng/ul	99
89) Benzo(k)fluoranthene	15.26	252	711668	12.805	ng/ul	98
91) Benzo(a)pyrene	15.66	252	761677	13.769	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	17.32	276	208751	3.280	ng/ul#	90
93) Dibenzo(a,h)anthracene	17.32	278	96960	1.839	ng/ul#	50
94) Benzo(g,h,i)perylene	17.80	276	308696	5.818	ng/ul	91

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

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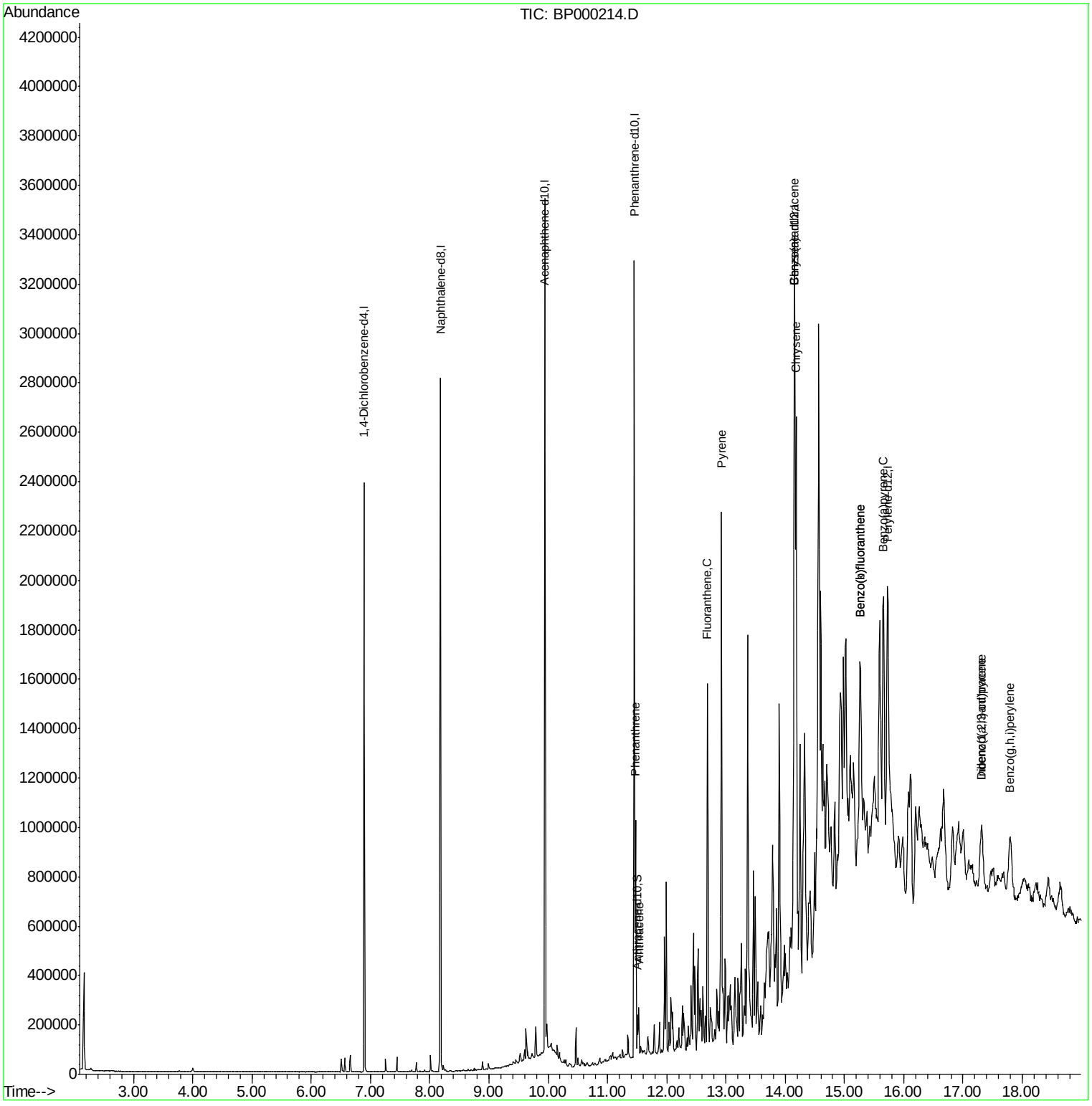
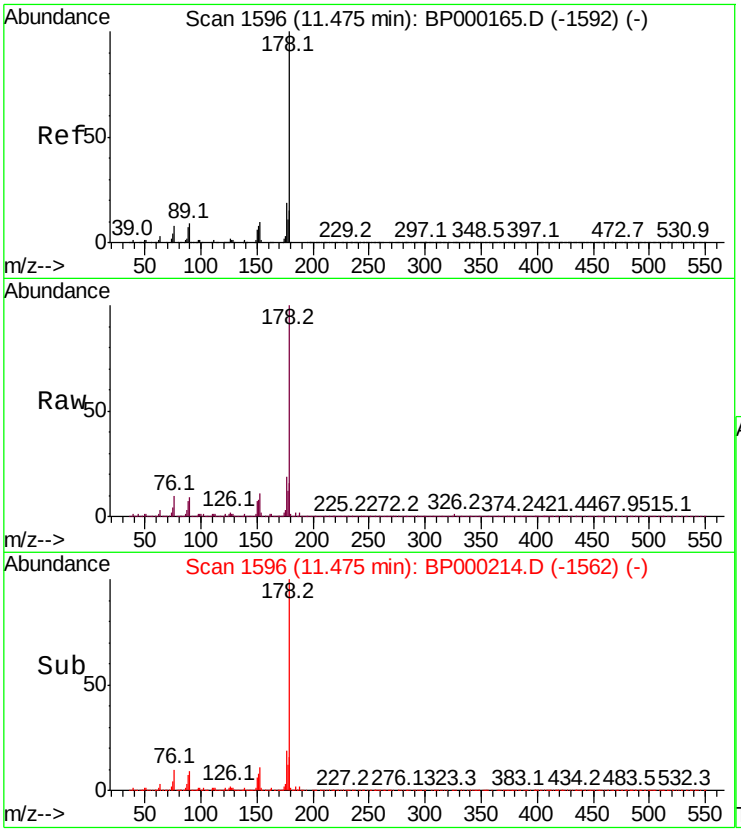
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 13 01:47:36 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



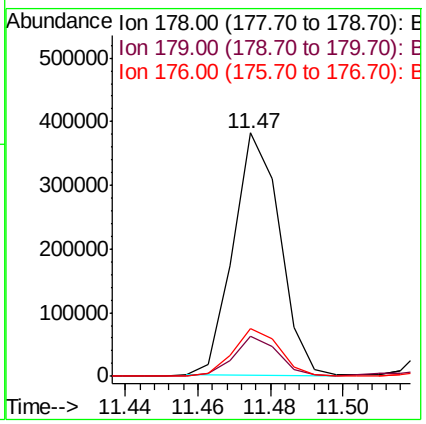


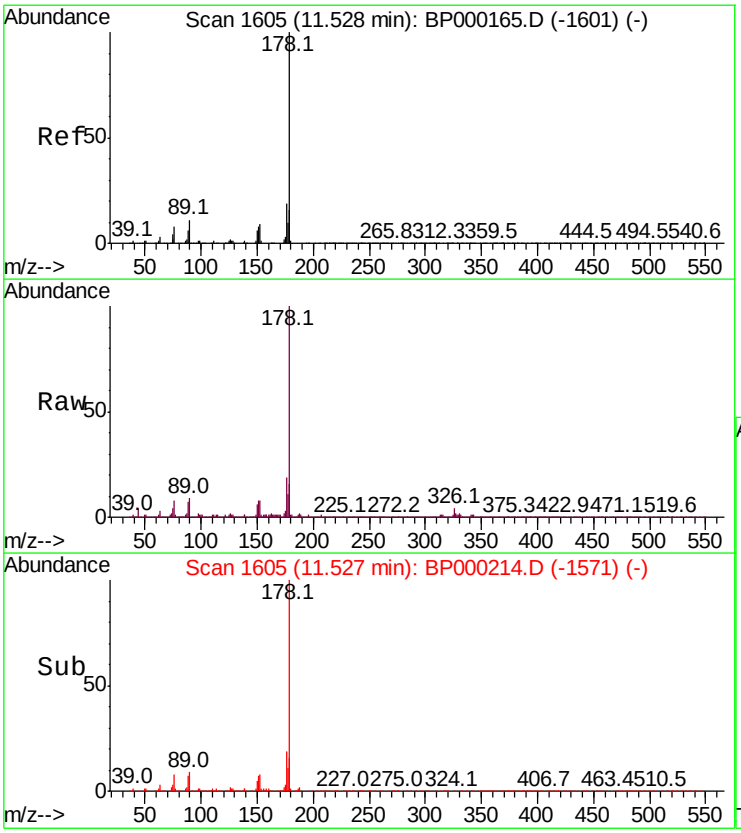
#70
Phenanthrene
Concen: 5.097 ng/ul
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BP000214.D
Acq: 12 Sep 2019 13:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 340134

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.5	18.7
176	19.5	15.7	23.5

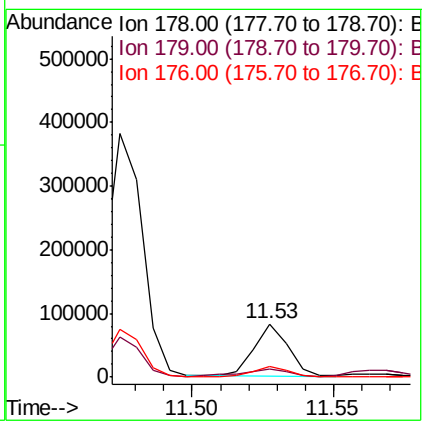


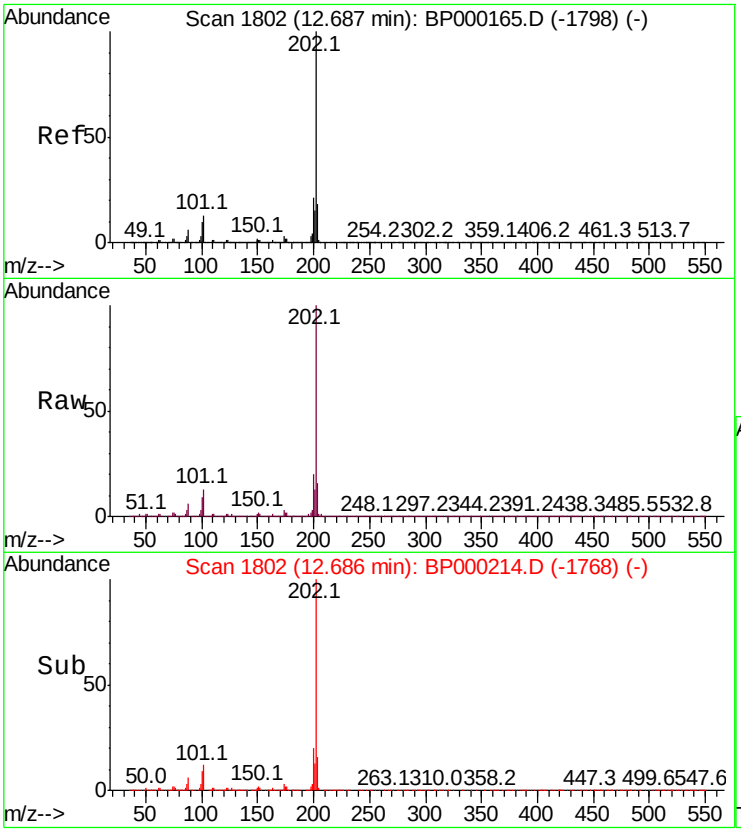


#72
Anthracene
Concen: 1.050 ng/ul
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BP000214.D
Acq: 12 Sep 2019 13:38

Tgt Ion:178 Resp: 68953

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.3	18.5
176	19.1	15.1	22.7



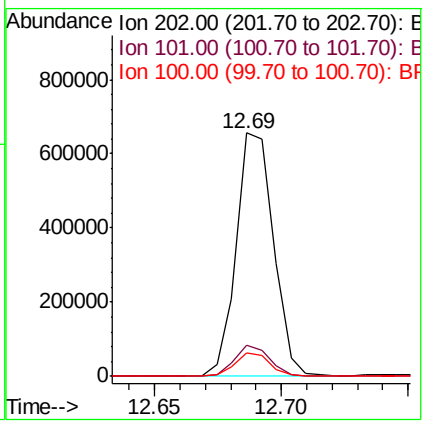


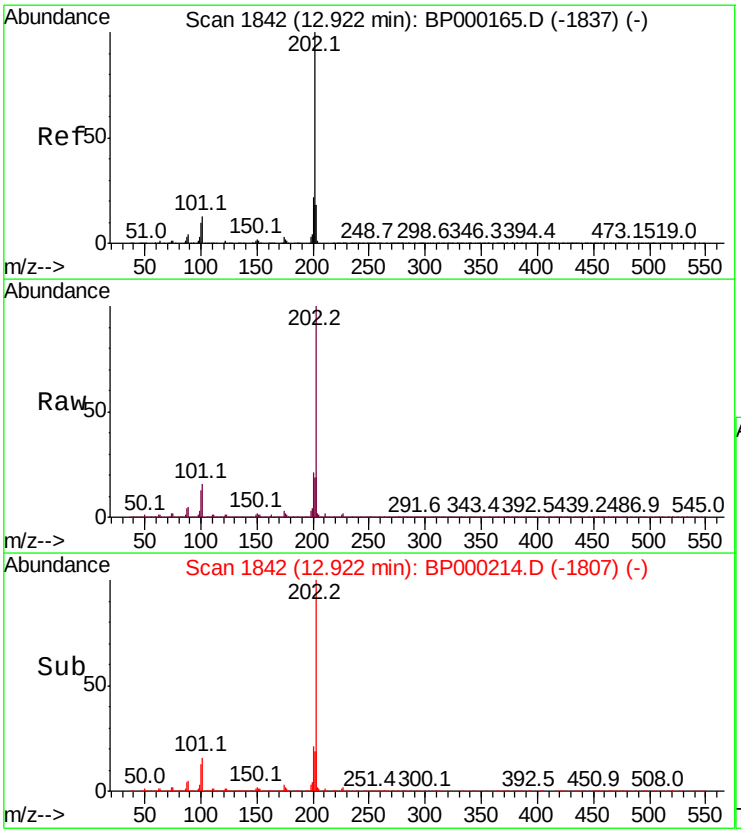
#77
Fluoranthene
Concen: 9.955 ng/ul
RT: 12.69 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BP000214.D
Acq: 12 Sep 2019 13:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 670048

Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.0	15.0
100	9.4	7.4	11.2

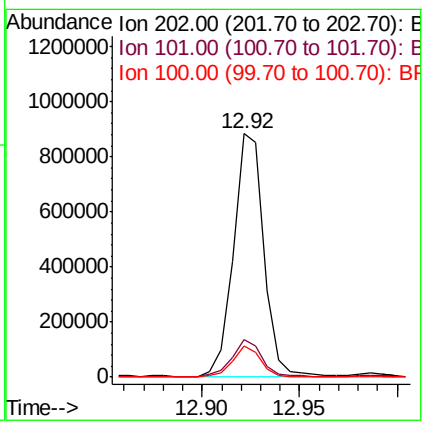


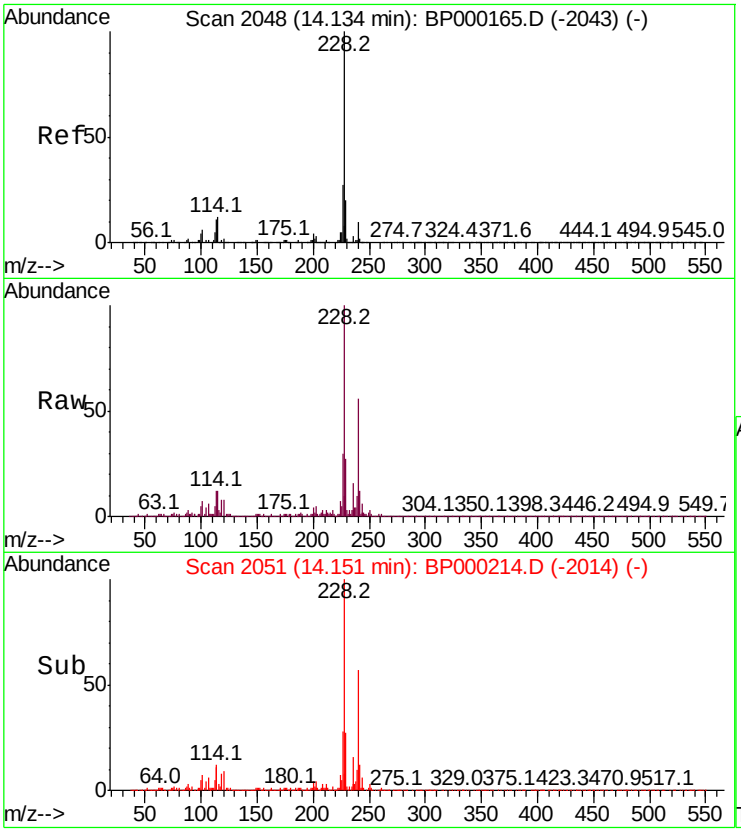


#80
Pyrene
Concen: 14.369 ng/ul
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BP000214.D
Acq: 12 Sep 2019 13:38

Tgt Ion:202 Resp: 946838

Ion	Ratio	Lower	Upper
202	100		
101	15.6	13.4	20.0
100	12.6	10.8	16.2



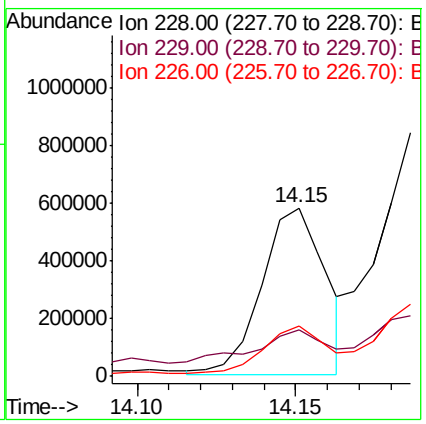


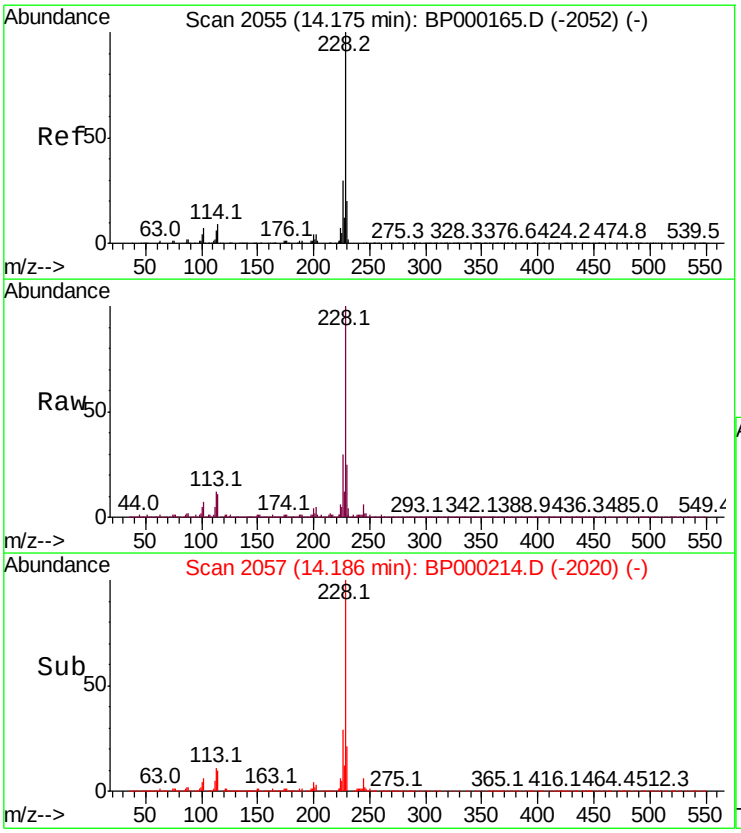
#83
Benzo(a)anthracene
Concen: 12.804 ng/ul
RT: 14.15 min Scan# 2051
Delta R.T. 0.02 min
Lab File: BP000214.D
Acq: 12 Sep 2019 13:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 809549

Ion	Ratio	Lower	Upper
228	100		
229	27.5	15.9	23.9#
226	29.6	22.1	33.1

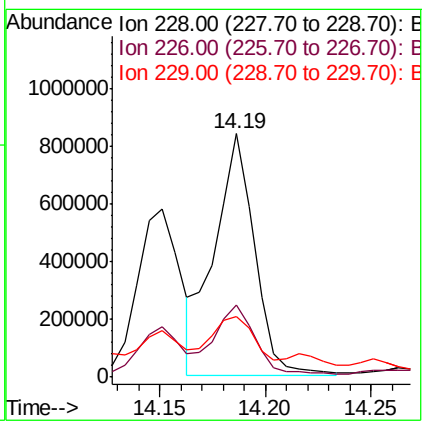


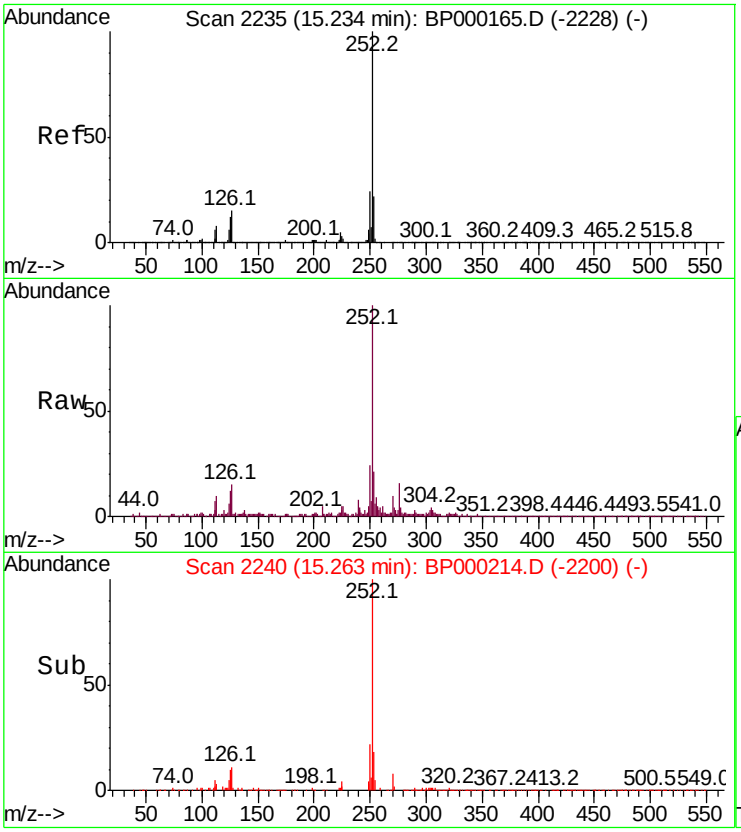


#85
Chrysene
Concen: 19.113 ng/ul
RT: 14.19 min Scan# 2057
Delta R.T. 0.02 min
Lab File: BP000214.D
Acq: 12 Sep 2019 13:38

Tgt Ion:228 Resp: 1108866

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.4	36.6
229	24.7	16.0	24.0#



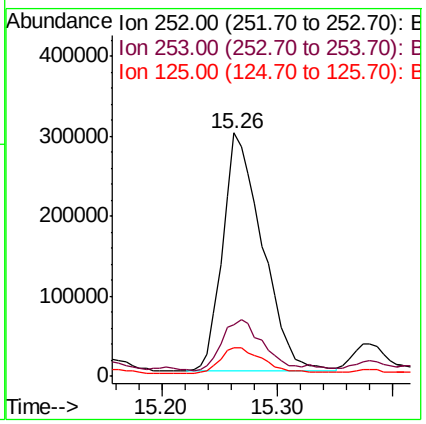


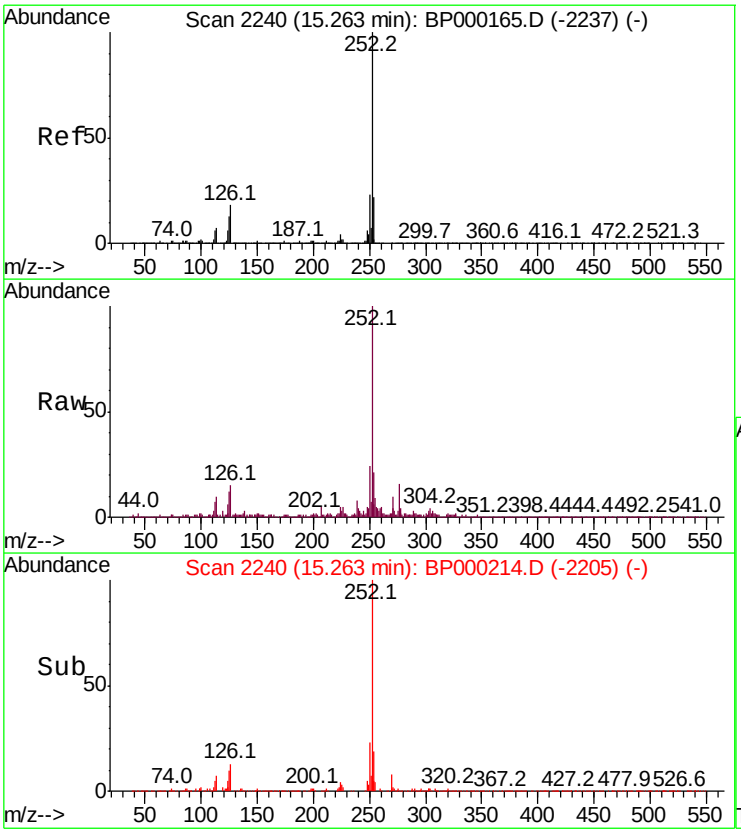
#88
Benzo(b)fluoranthene
Concen: 12.070 ng/ul
RT: 15.26 min Scan# 2240
Delta R.T. 0.04 min
Lab File: BP000214.D
Acq: 12 Sep 2019 13:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 711668

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	11.7	9.9	14.9

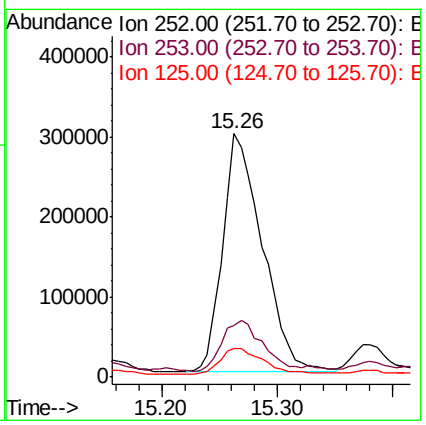


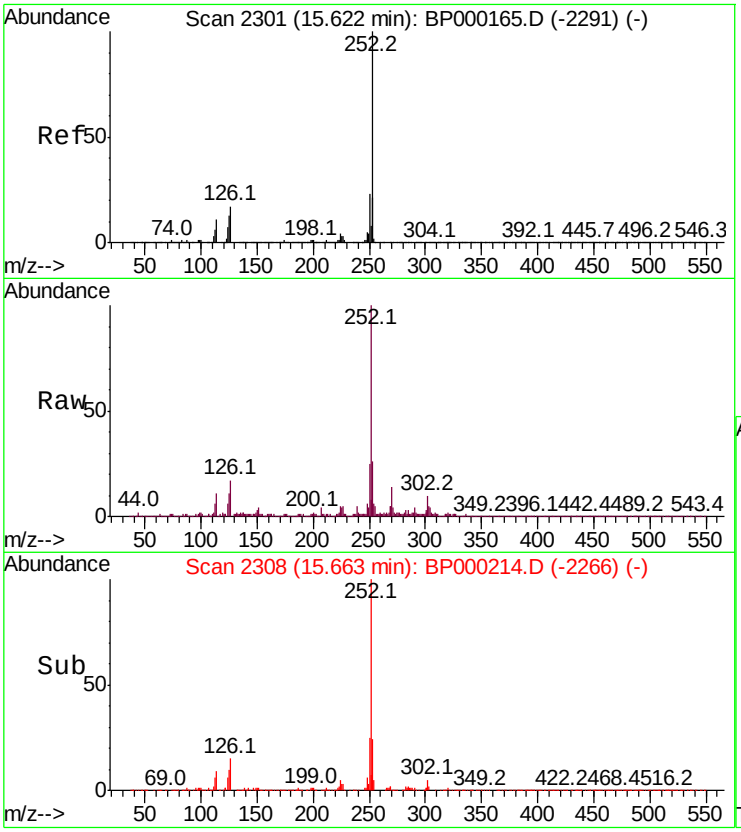


#89
Benzo(k)fluoranthene
Concen: 12.805 ng/ul
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BP000214.D
Acq: 12 Sep 2019 13:38

Tgt Ion:252 Resp: 711668

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	11.7	10.2	15.2



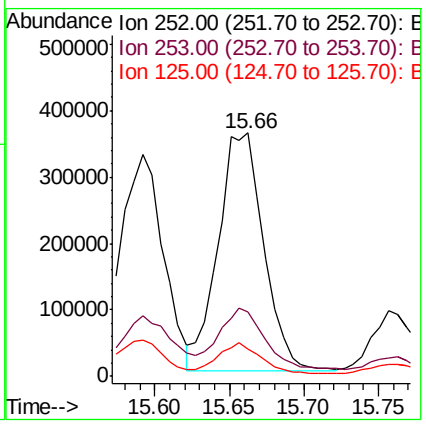


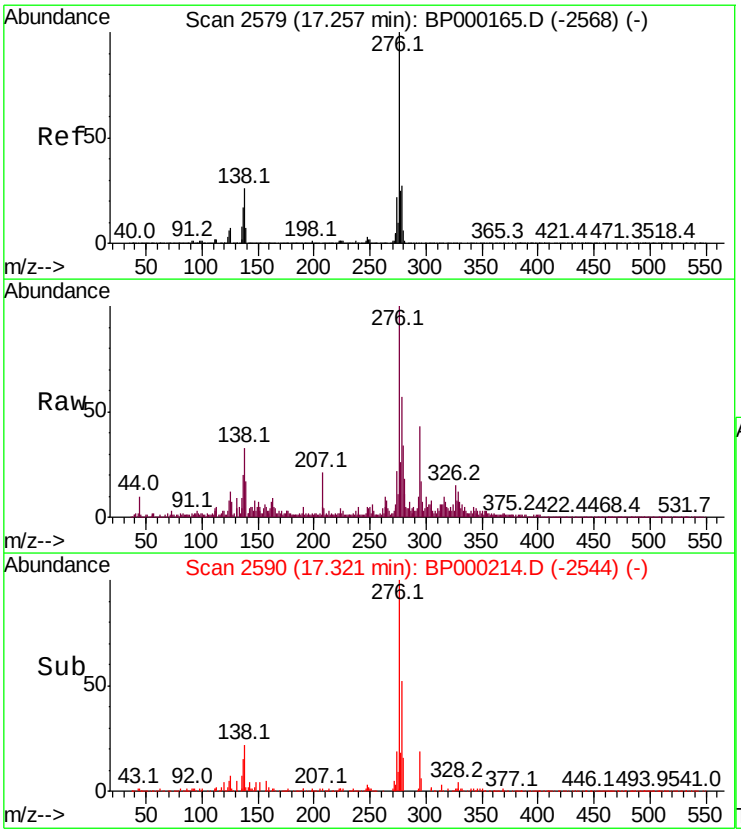
#91
Benzo(a)pyrene
Concen: 13.769 ng/ul
RT: 15.66 min Scan# 2308
Delta R.T. 0.05 min
Lab File: BP000214.D
Acq: 12 Sep 2019 13:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 761677

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.5	26.3#
125	11.5	10.2	15.2

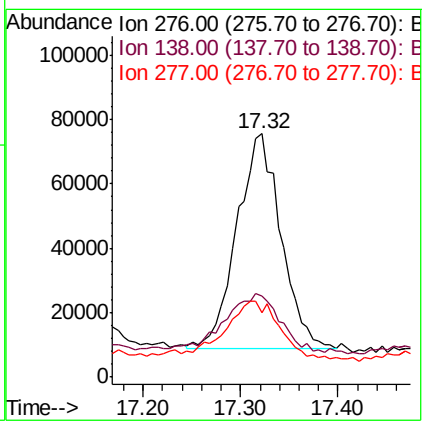


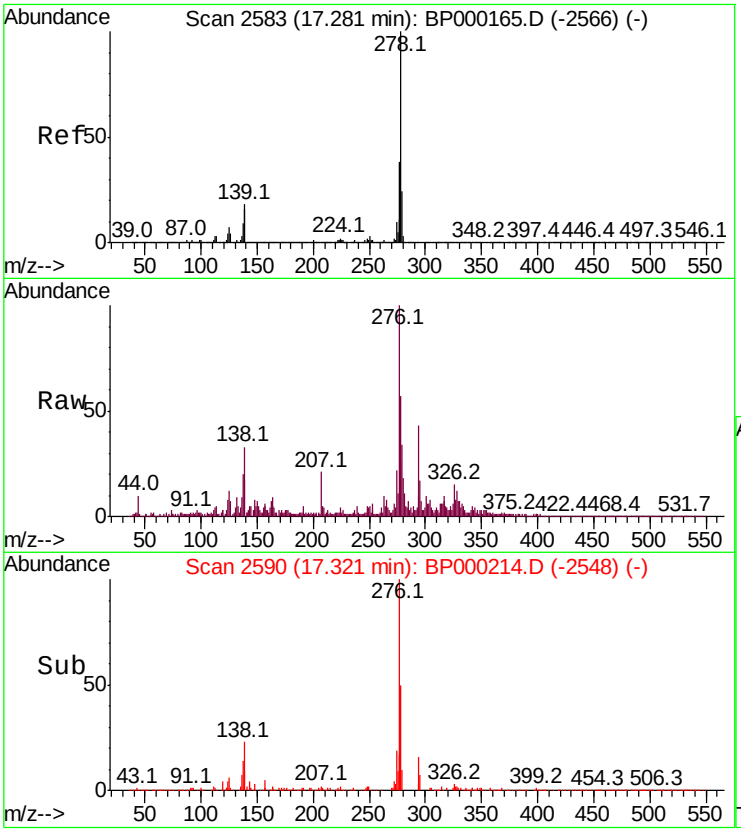


#92
Indeno(1,2,3-cd)pyrene
Concen: 3.280 ng/ul
RT: 17.32 min Scan# 2590
Delta R.T. 0.07 min
Lab File: BP000214.D
Acq: 12 Sep 2019 13:38

Tgt Ion:276 Resp: 208751

Ion	Ratio	Lower	Upper
276	100		
138	33.2	20.0	30.0#
277	26.3	19.4	29.0



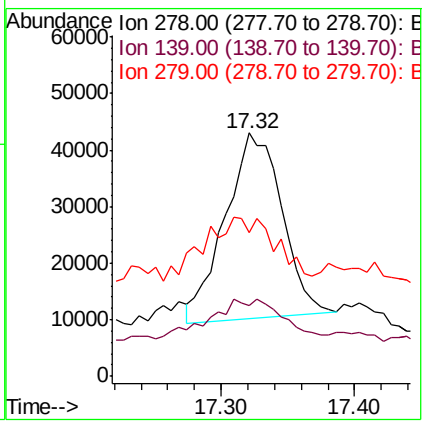


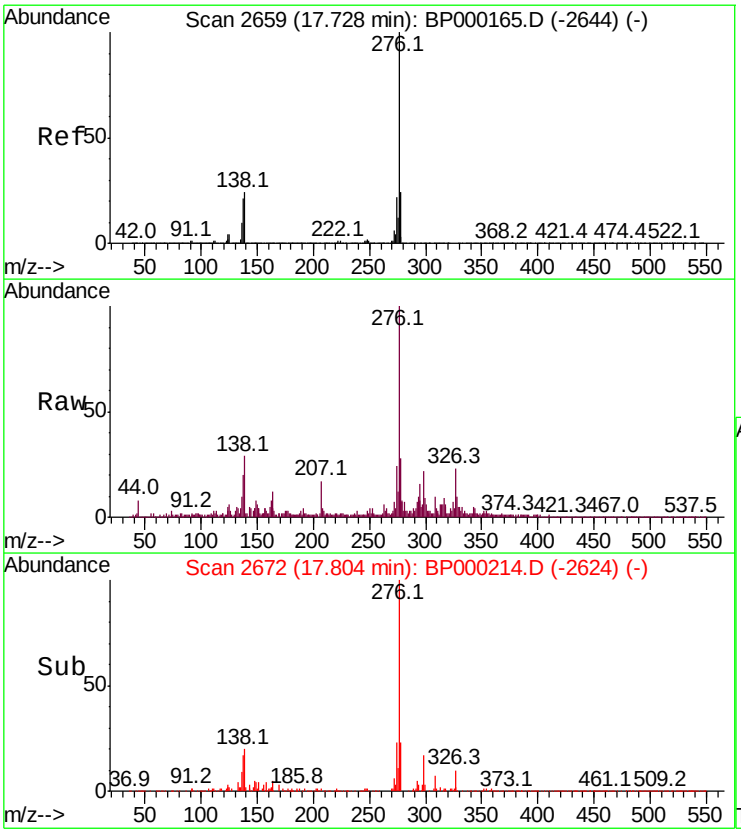
#93
Dibenzo(a,h)anthracene
Concen: 1.839 ng/ul
RT: 17.32 min Scan# 2590
Delta R.T. 0.05 min
Lab File: BP000214.D
Acq: 12 Sep 2019 13:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 96960

Ion	Ratio	Lower	Upper
278	100		
139	29.1	15.1	22.7#
279	59.1	19.2	28.8#





#94
Benzo(g,h,i)perylene
Concen: 5.818 ng/ul
RT: 17.80 min Scan# 2672
Delta R.T. 0.08 min
Lab File: BP000214.D
Acq: 12 Sep 2019 13:38

Tgt Ion:276 Resp: 308696

Ion	Ratio	Lower	Upper
276	100		
138	29.4	20.0	30.0
277	28.2	19.1	28.7