Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000219.D
Acq On : 12 Sep 2019 15:40
Operator : HP/JU
Sample : K4634-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 13 01:49:02 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	350940	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1329913	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	711315	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1251866	20.00	ng/ul	0.00
78) Chrysene-d12	14.17	240	879491	20.00	ng/ul	0.02
86) Perylene-d12	15.65	264	906559	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.61	96	27836	2.81	ng/uL	0.00
5) Phenol-d5	6.51	99	501549	16.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	260109	16.64	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	420634	17.40	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	380492	16.94	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	195178	19.33	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	203752	20.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	376509	18.04	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	192015	7.44	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1041205	19.82	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1248862	19.24	ng/ul	0.00
52) 4-Nitrophenol-d4	10.04	143	121274	12.92	ng/ul	0.00
58) Fluorene-d10	10.48	176	841342	18.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.54	200	39463	6.86	ng/ul	0.01
71) Anthracene-d10	11.51	188	1151778	19.00	ng/ul	0.00
79) Pyrene-d10	12.91	212	1104387	21.11	ng/ul	0.01
90) Benzo(a)pyrene-d12	15.65	264	905986	19.28	ng/ul	0.06
Target Compounds						Qvalue
6) Phenol	6.52	94	98261	3.154	ng/ul	97
45) Dimethylphthalate	9.66	163	267864	5.054	ng/ul	99
50) Acenaphthene	9.98	153	212118	4.514	ng/ul	96
70) Phenanthrene	11.48	178	1372800	18.543	ng/ul	99
72) Anthracene	11.53	178	287042	3.940	ng/ul	98
75) Carbazole	11.69	167	189252	3.038	ng/ul	99
77) Fluoranthene	12.70	202	3141457	42.071	ng/ul	96
80) Pyrene	12.93	202	3250934	48.994	ng/ul	93
83) Benzo(a)anthracene	14.16	228	2583470	40.580	ng/ul	98
85) Chrysene	14.20	228	2920461	49.991	ng/ul	98
88) Benzo(b)fluoranthene	15.29	252	4145942	69.002	ng/ul	99
89) Benzo(k)fluoranthene	15.29	252	4145942	73.200	ng/ul	99
91) Benzo(a)pyrene	15.62	252	2117079	37.554	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	17.37	276	1118808	17.251	ng/ul	99
93) Dibenzo(a,h)anthracene	17.15	278	246585	4.590	ng/ul#	79
94) Benzo(g,h,i)perylene	17.85	276	855381	15.819	ng/ul	96

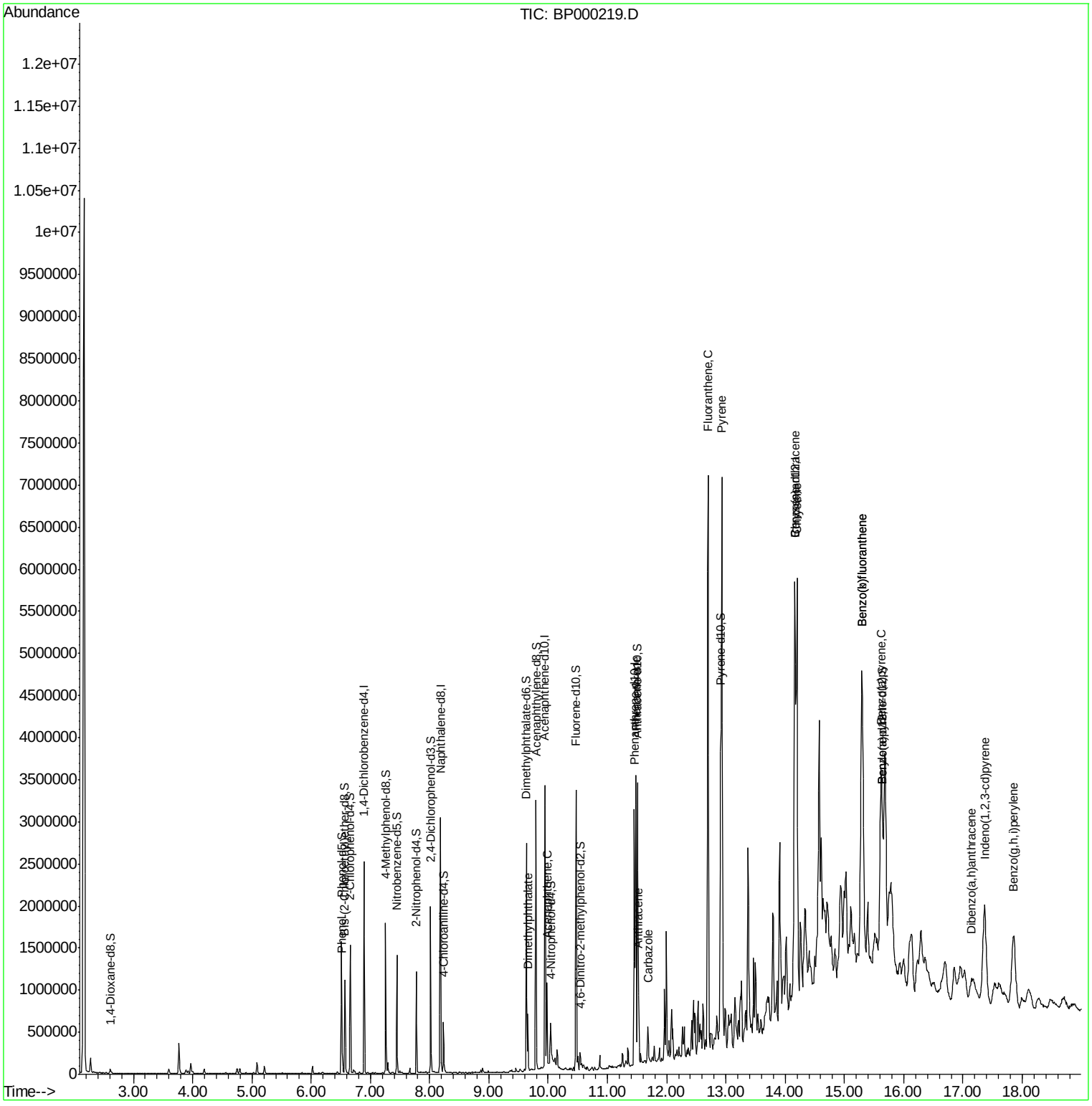
(#) = qualifier out of range (m) = manual integration (+) = signals summed

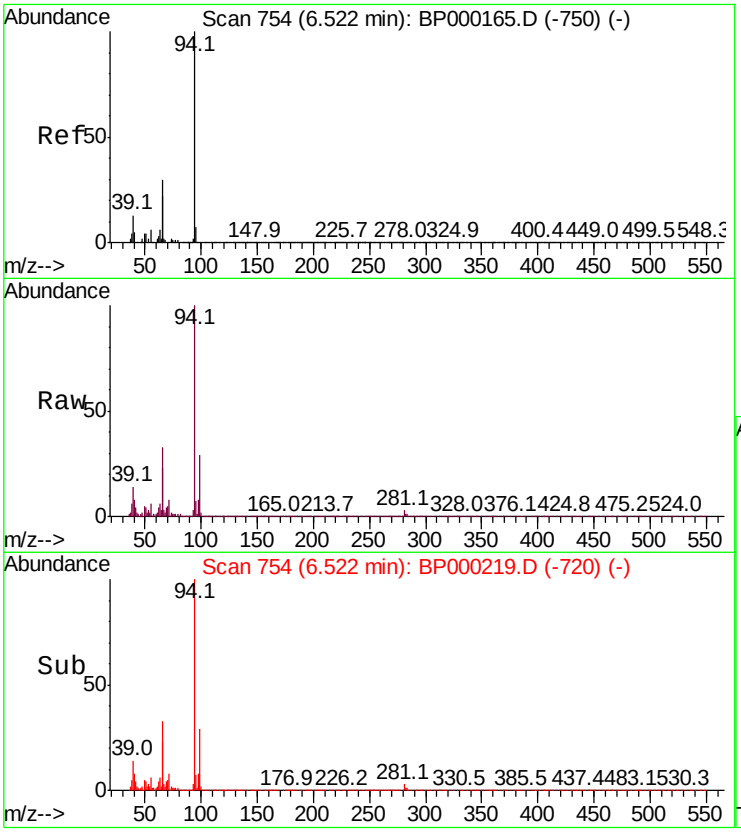
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000219.D
Acq On : 12 Sep 2019 15:40
Operator : HP/JU
Sample : K4634-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 13 01:49:02 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



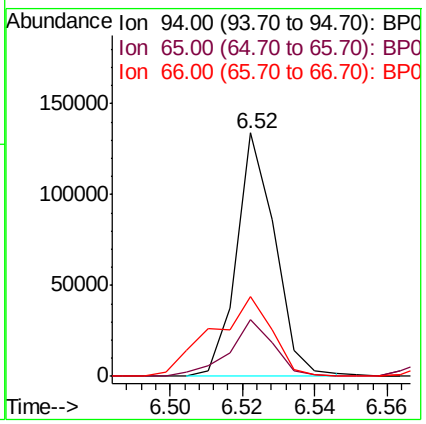


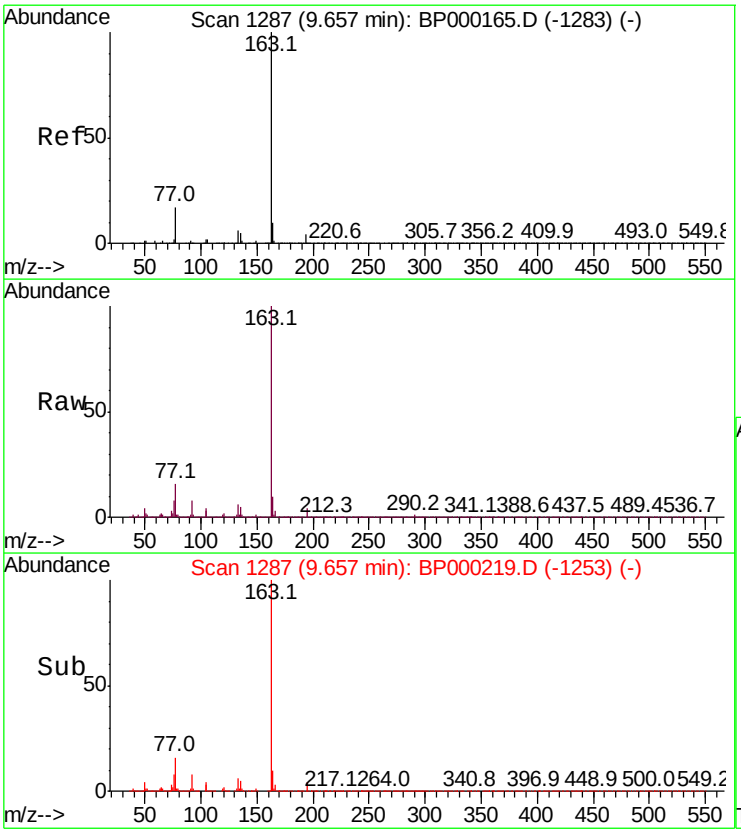
#6
Phenol
Concen: 3.154 ng/ul
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 98261

Ion	Ratio	Lower	Upper
94	100		
65	23.4	18.8	28.2
66	32.7	24.2	36.2

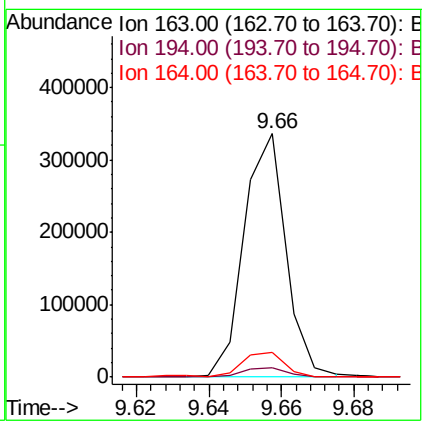


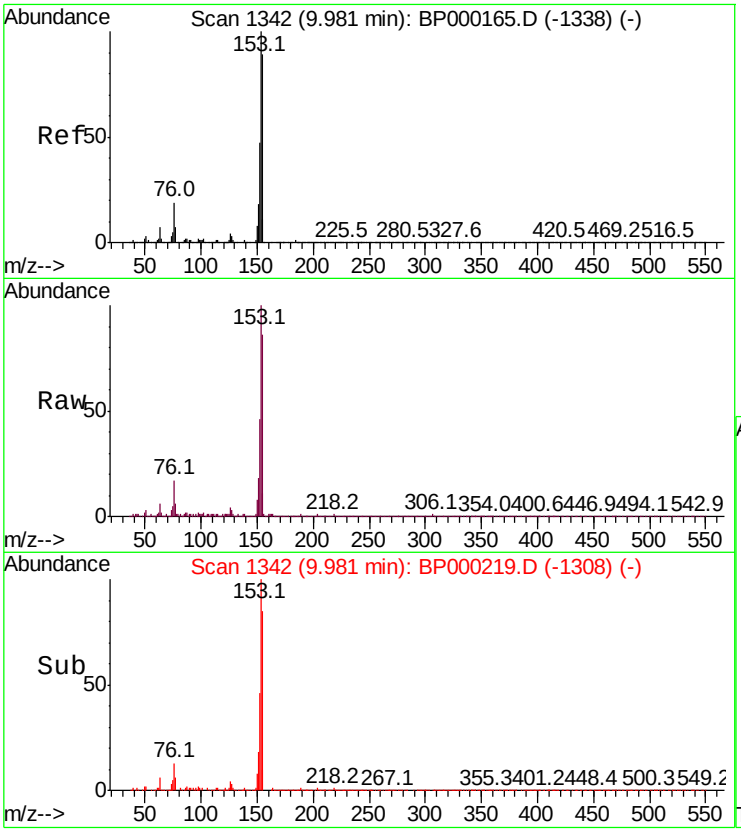


#45
Dimethylphthalate
Concen: 5.054 ng/ul
RT: 9.66 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Tgt Ion:163 Resp: 267864

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.0	8.4	12.6



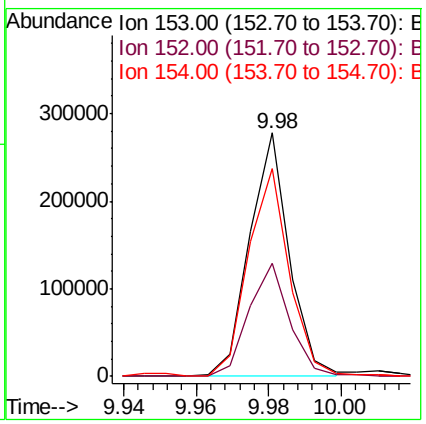


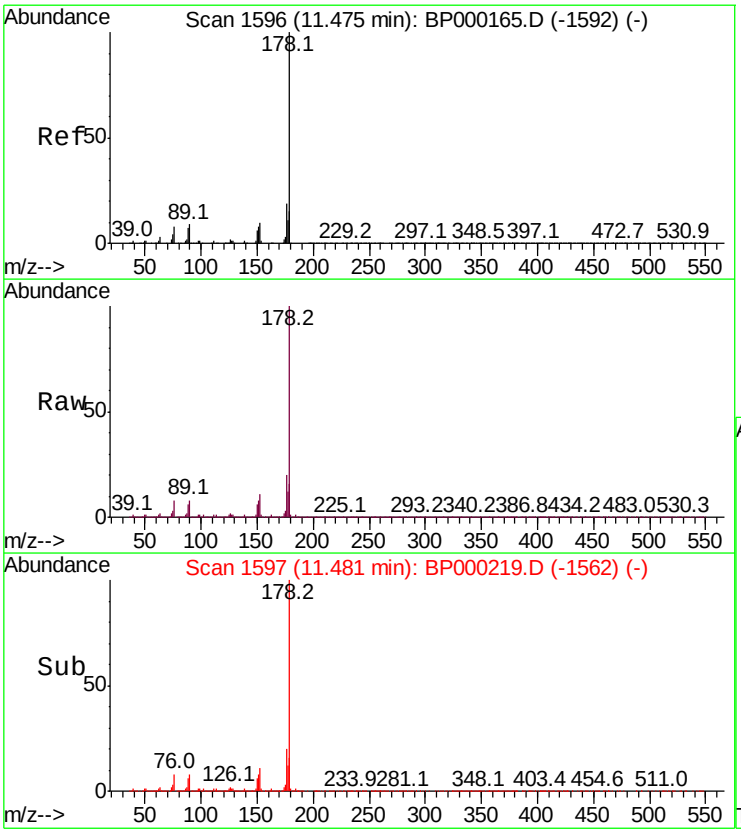
#50
Acenaphthene
Concen: 4.514 ng/ul
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:153 Resp: 212118

Ion	Ratio	Lower	Upper
153	100		
152	46.2	38.0	57.0
154	85.5	72.6	108.8

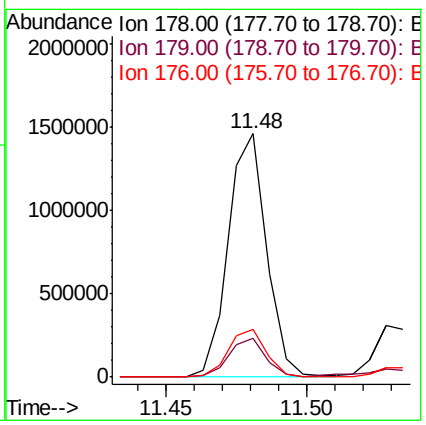


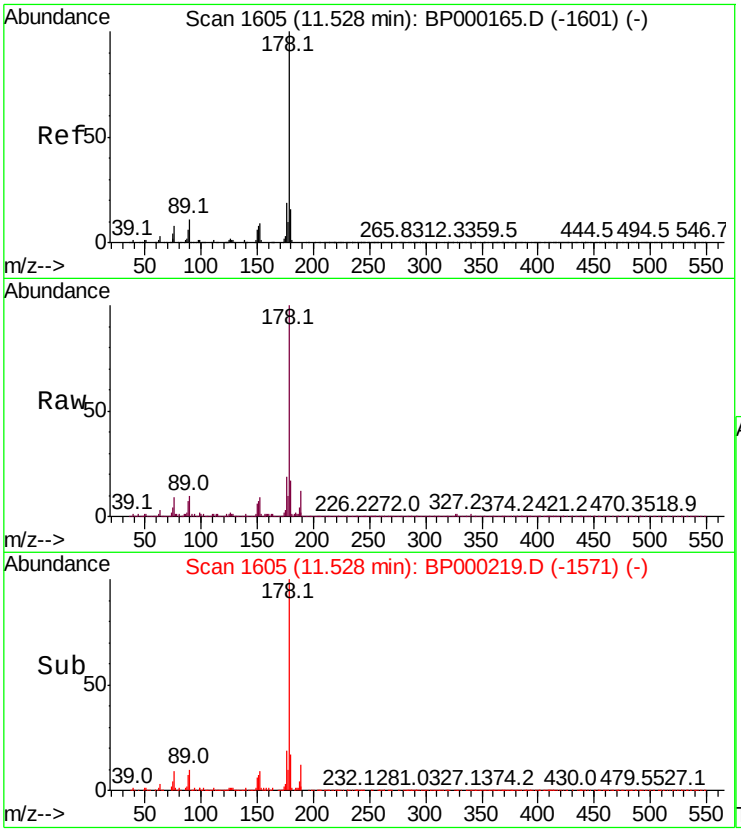


#70
Phenanthrene
Concen: 18.543 ng/ul
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Tgt Ion:178 Resp: 1372800

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.5	18.7
176	19.6	15.7	23.5



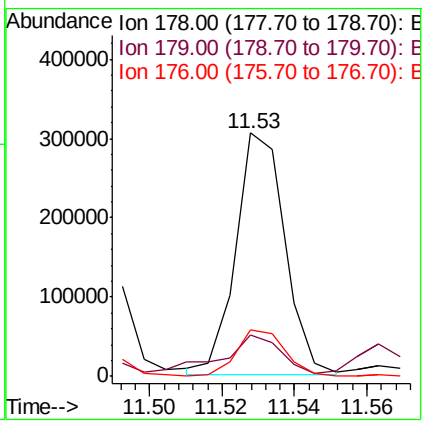


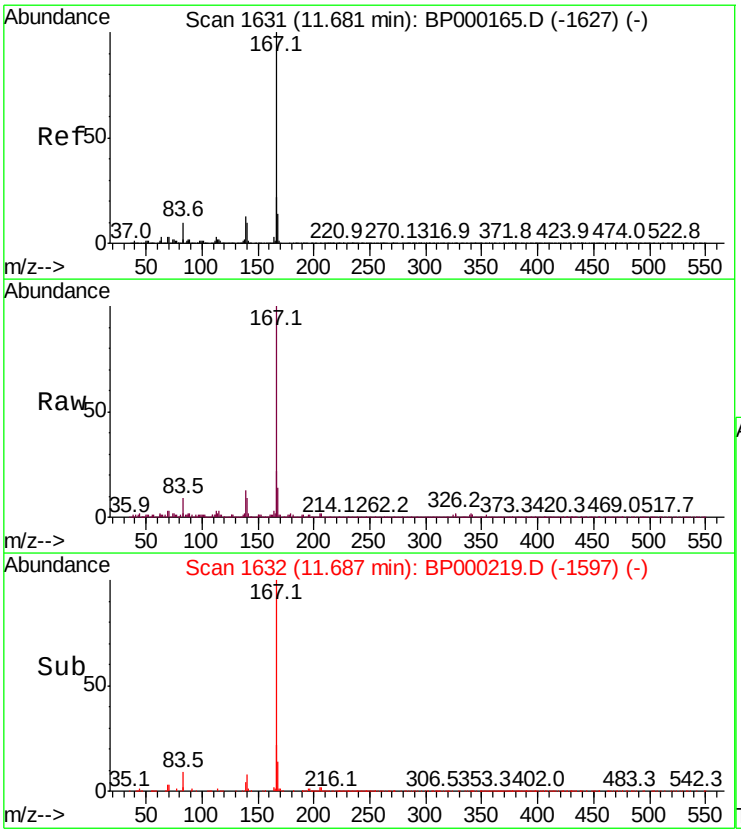
#72
Anthracene
Concen: 3.940 ng/ul
RT: 11.53 min Scan# 1605
Delta R.T. 0.00 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 287042

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.3	18.5
176	18.9	15.1	22.7

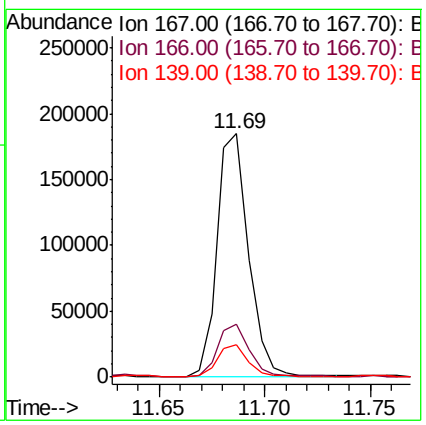


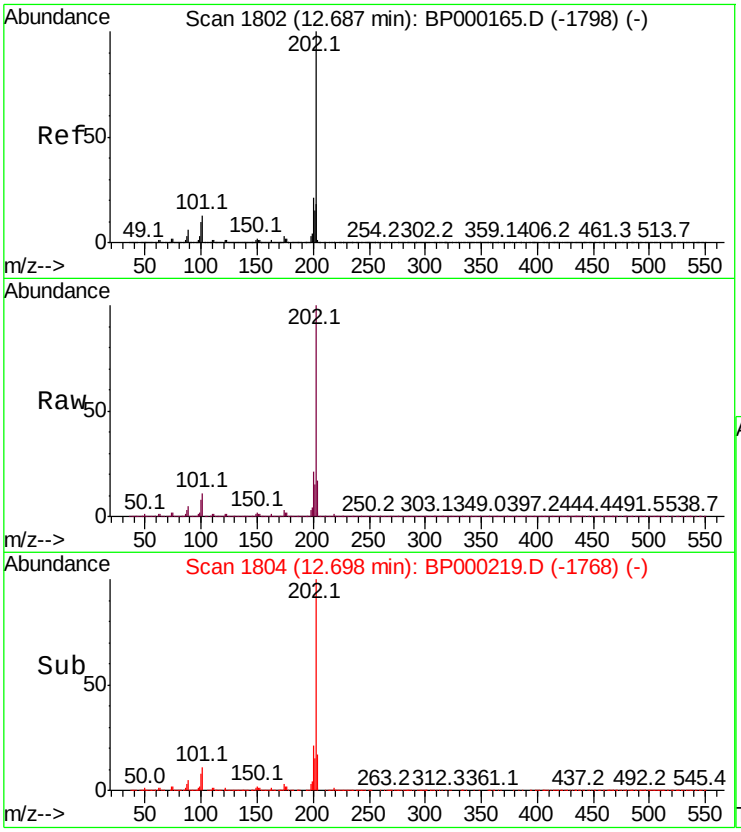


#75
Carbazole
Concen: 3.038 ng/ul
RT: 11.69 min Scan# 1632
Delta R.T. 0.01 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Tgt Ion:167 Resp: 189252

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.3	25.9
139	13.5	10.6	15.8



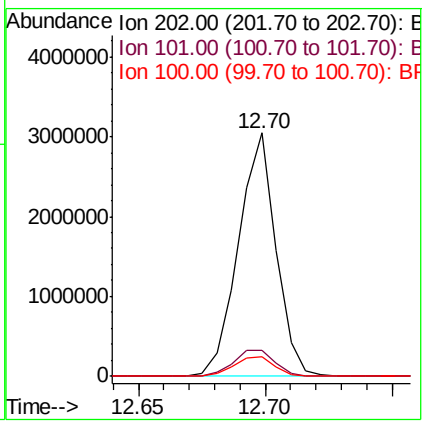


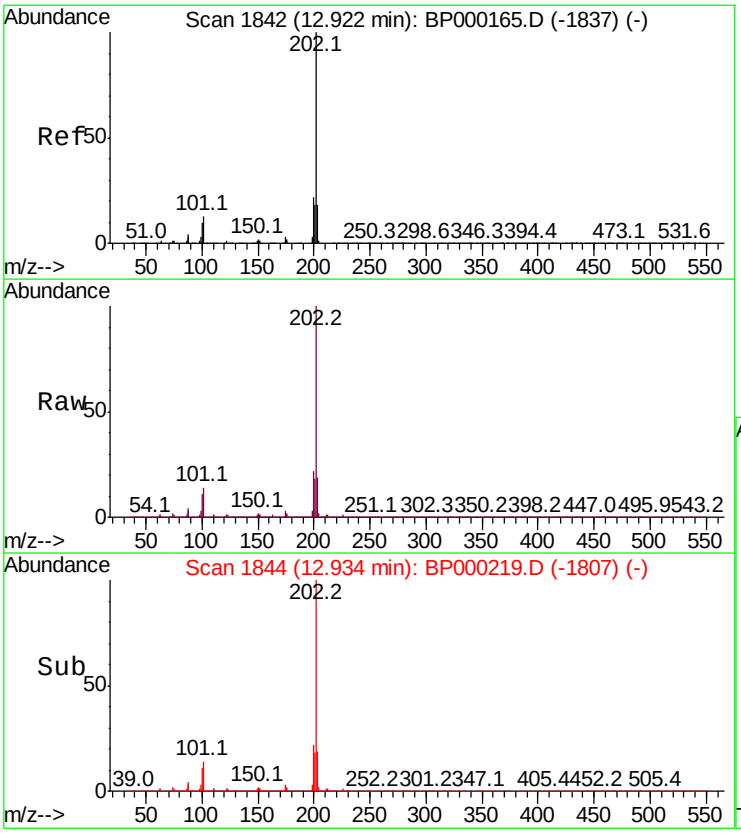
#77
Fluoranthene
Concen: 42.071 ng/ul
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 3141457

Ion	Ratio	Lower	Upper
202	100		
101	10.8	10.0	15.0
100	8.2	7.4	11.2

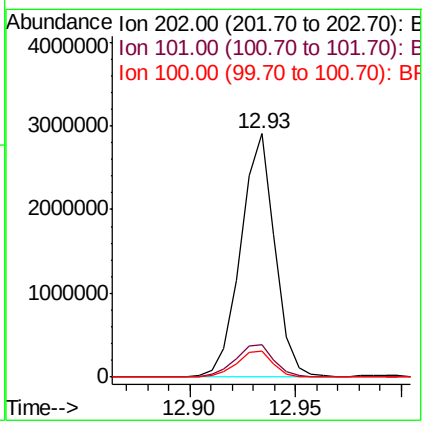


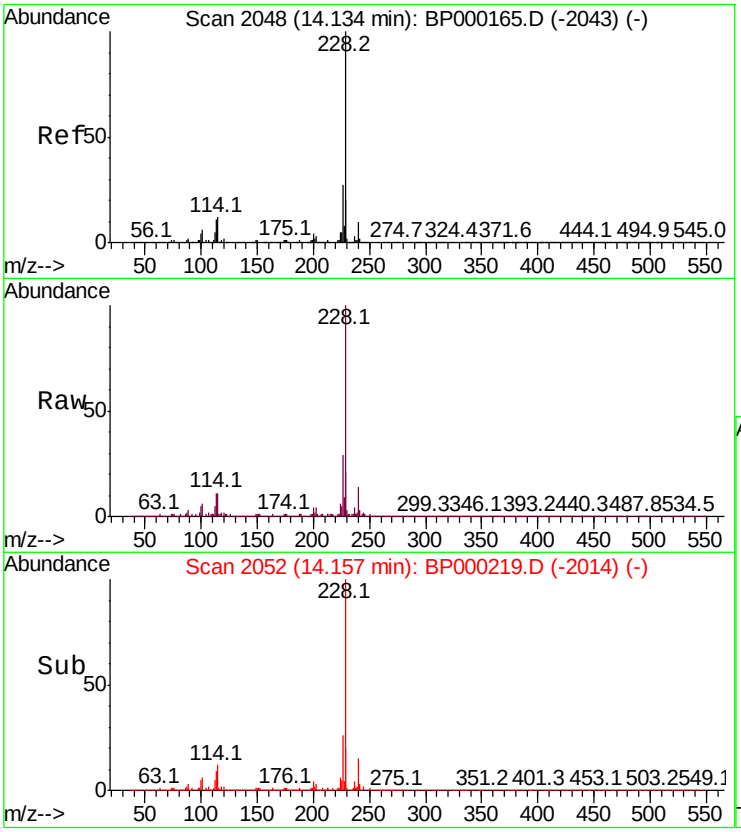


#80
Pyrene
Concen: 48.994 ng/ul
RT: 12.93 min Scan# 1844
Delta R.T. 0.02 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Tgt Ion:202 Resp: 3250934

Ion	Ratio	Lower	Upper
202	100		
101	13.6	13.4	20.0
100	10.8	10.8	16.2



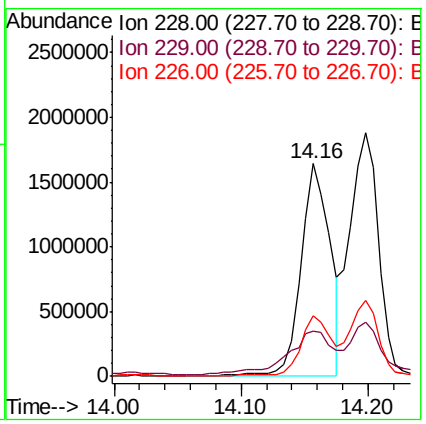


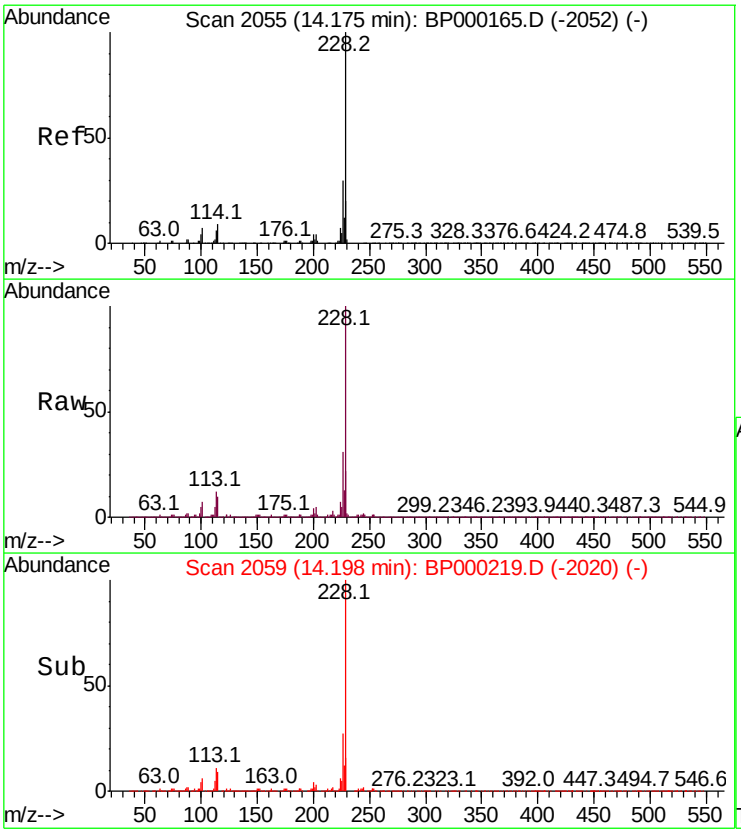
#83
Benzo(a)anthracene
Concen: 40.580 ng/ul
RT: 14.16 min Scan# 2052
Delta R.T. 0.02 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 2583470

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.9	23.9
226	28.5	22.1	33.1

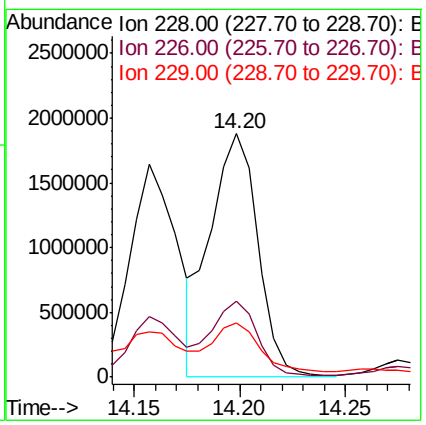


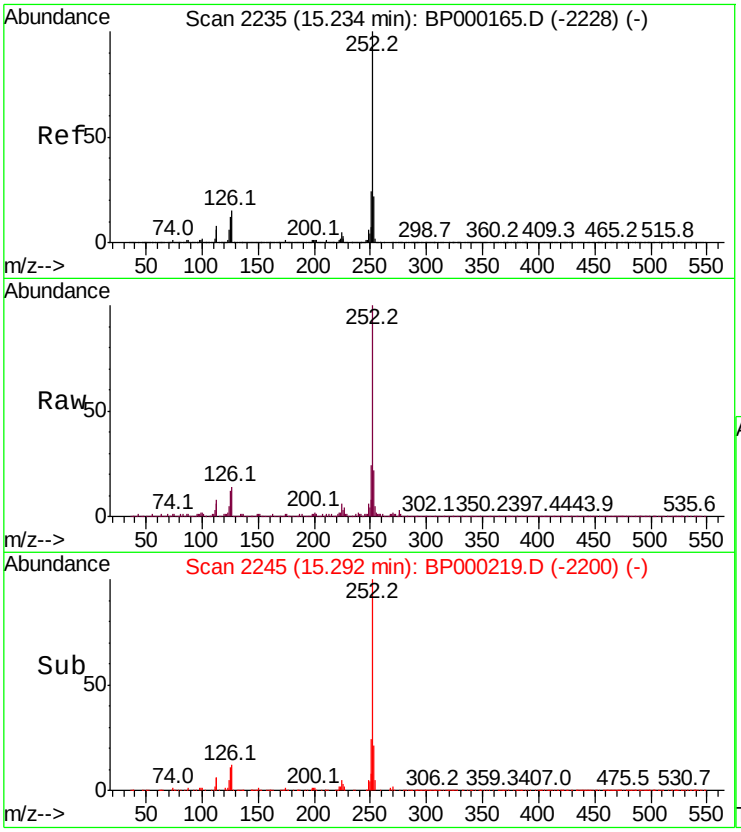


#85
Chrysene
Concen: 49.991 ng/ul
RT: 14.20 min Scan# 2059
Delta R.T. 0.03 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Tgt Ion:228 Resp: 2920461

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	22.1	16.0	24.0



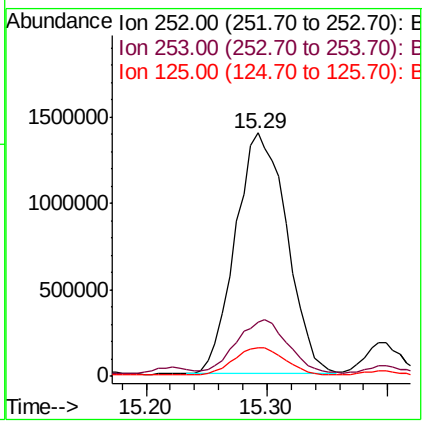


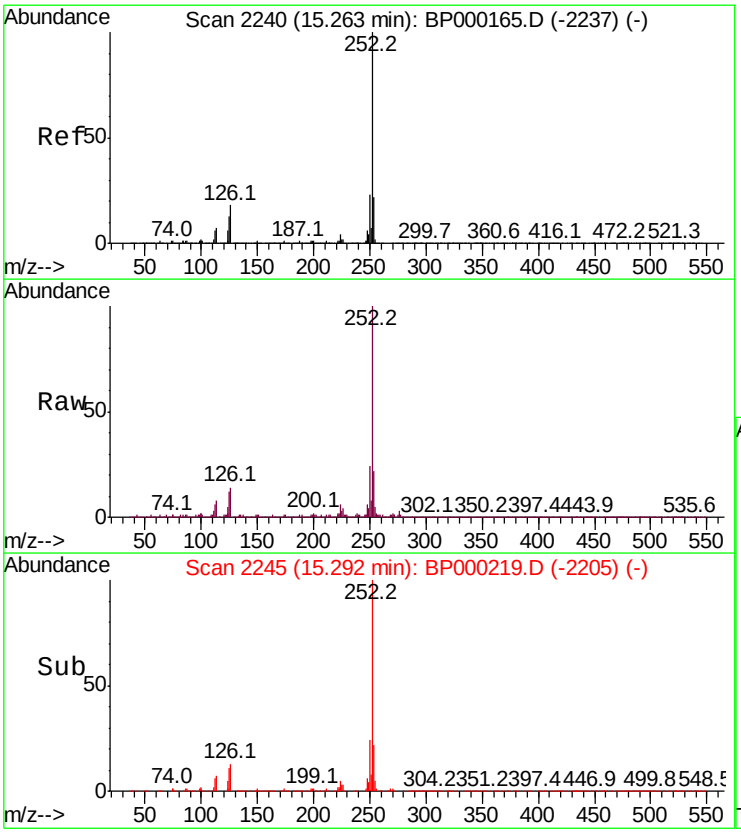
#88
Benzo(b)fluoranthene
Concen: 69.002 ng/ul
RT: 15.29 min Scan# 2245
Delta R.T. 0.06 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 4145942

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.8	9.9	14.9

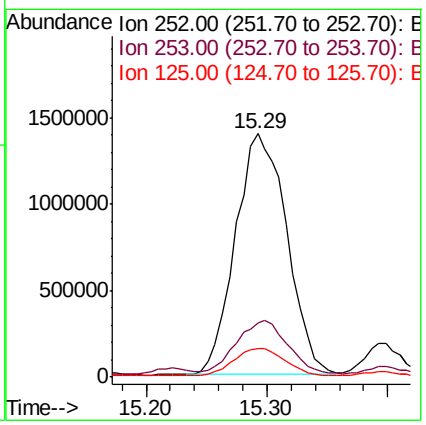


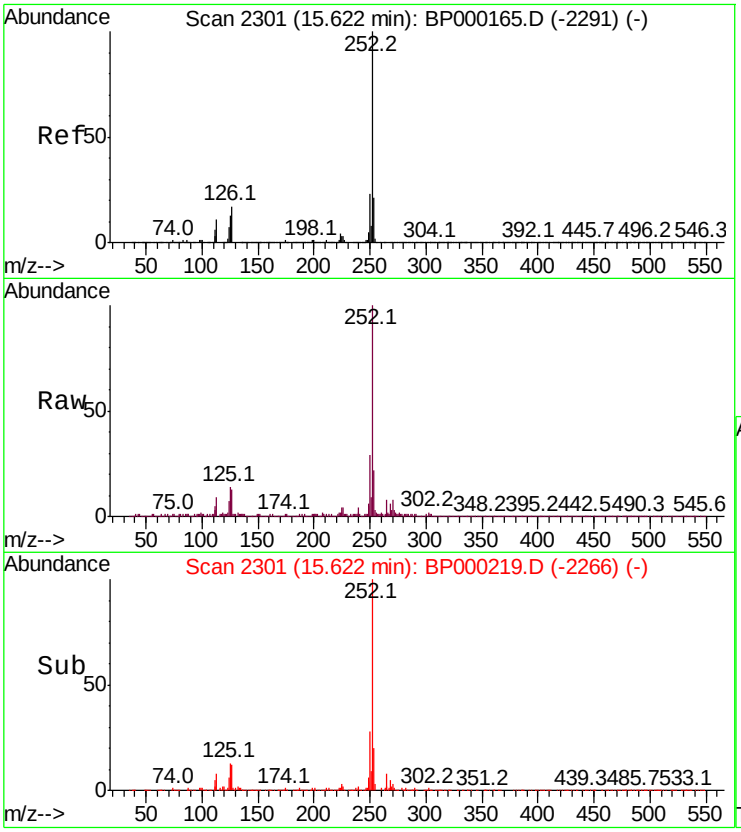


#89
Benzo(k)fluoranthene
Concen: 73.200 ng/ul
RT: 15.29 min Scan# 2245
Delta R.T. 0.04 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Tgt Ion:252 Resp: 4145942

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	11.8	10.2	15.2



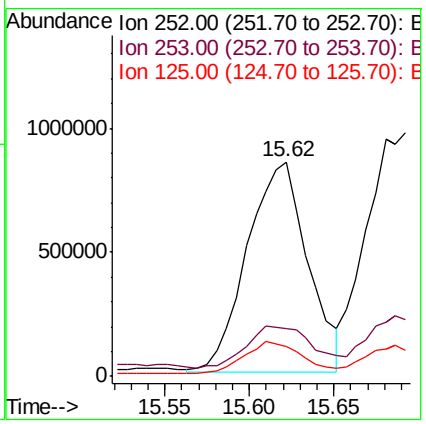


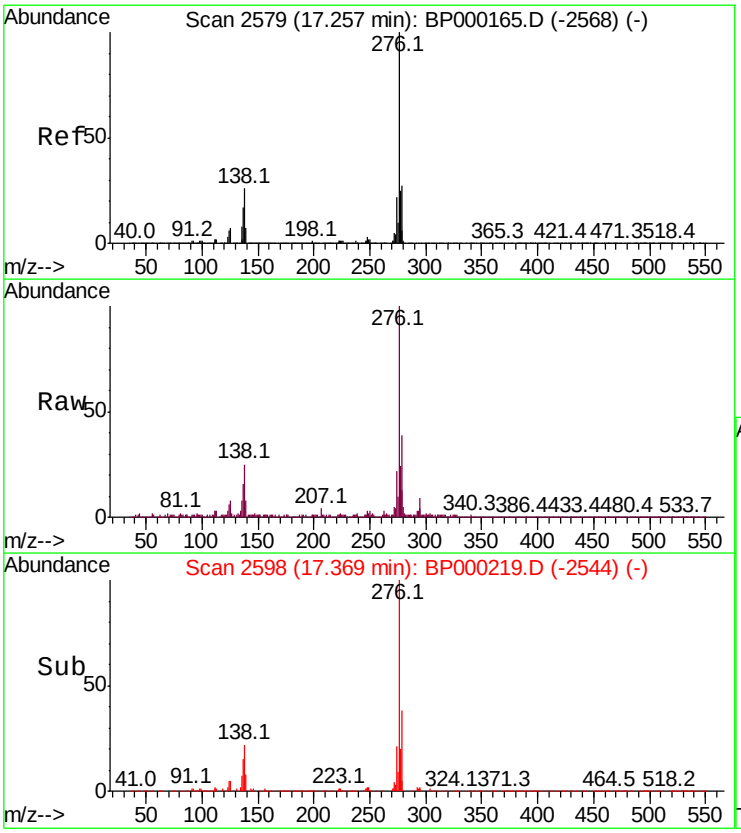
#91
Benzo(a)pyrene
Concen: 37.554 ng/ul
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 2117079

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	13.7	10.2	15.2

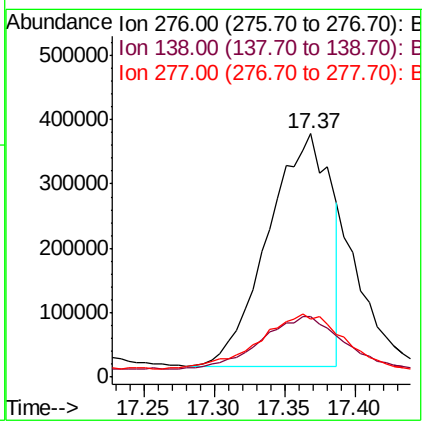


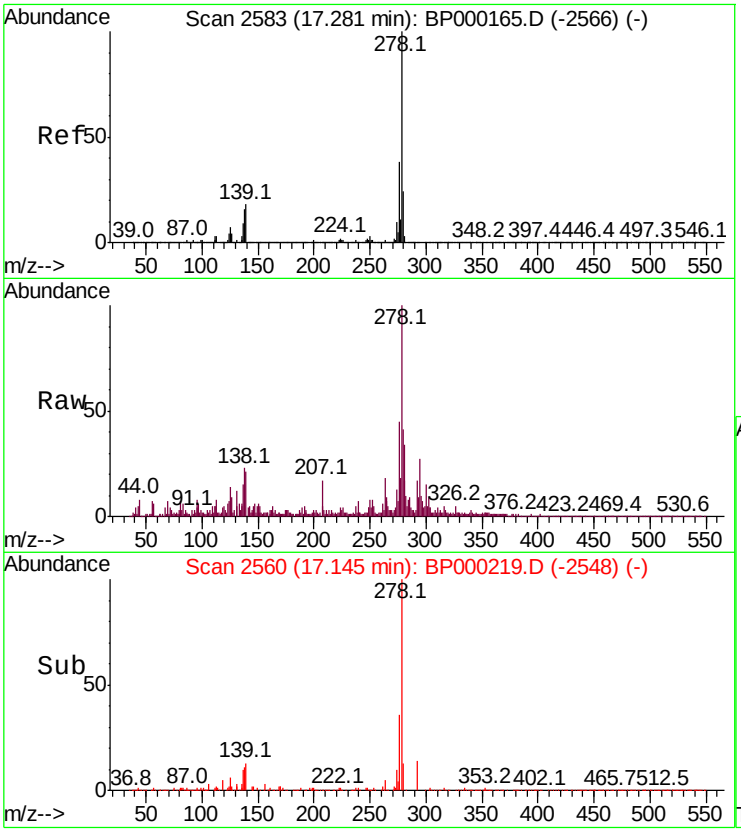


#92
Indeno(1,2,3-cd)pyrene
Concen: 17.251 ng/ul
RT: 17.37 min Scan# 2598
Delta R.T. 0.12 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Tgt Ion:276 Resp: 1118808

Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.0	30.0
277	23.8	19.4	29.0



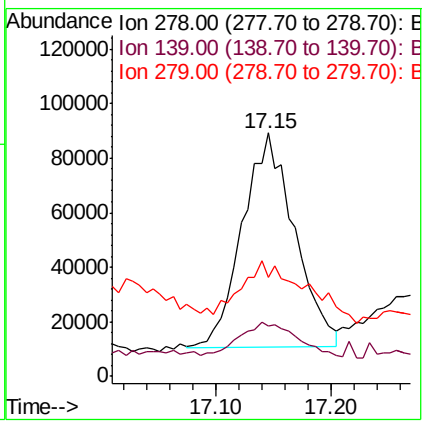


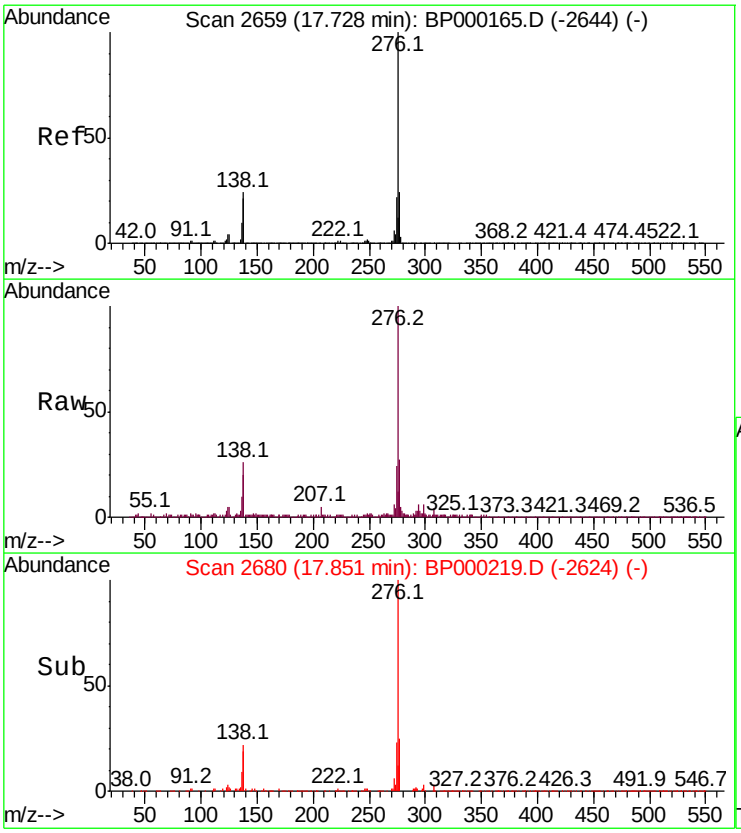
#93
Dibenzo(a,h)anthracene
Concen: 4.590 ng/ul
RT: 17.15 min Scan# 2560
Delta R.T. -0.13 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 246585

Ion	Ratio	Lower	Upper
278	100		
139	20.9	15.1	22.7
279	40.7	19.2	28.8#





#94
Benzo(g,h,i)perylene
Concen: 15.819 ng/ul
RT: 17.85 min Scan# 2680
Delta R.T. 0.13 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Tgt Ion:276 Resp: 855381

Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.0	30.0
277	27.0	19.1	28.7