Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000210.D
Acq On : 12 Sep 2019 11:16
Operator : HP/JU
Sample : K4634-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 13 01:46:25 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	363850	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1396378	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	776613	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1327274	20.00	ng/ul	0.00
78) Chrysene-d12	14.18	240	713235	20.00	ng/ul	0.04
86) Perylene-d12	15.67	264	931125	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.60	96	29373	2.86	ng/uL	0.00
5) Phenol-d5	6.51	99	570965	18.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	297968	18.39	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	480764	19.18	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	456460	19.61	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	232019	21.88	ng/ul	0.00
22) 2-Nitrophenol-d4	7.77	143	244650	23.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	429274	19.59	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	209718	7.74	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1218438	21.25	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1466700	20.70	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	120716	11.78	ng/ul	0.00
58) Fluorene-d10	10.47	176	992638	20.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.53	200	71183	11.67	ng/ul	0.00
71) Anthracene-d10	11.51	188	1331616	20.72	ng/ul	0.00
79) Pyrene-d10	12.91	212	1228392	28.96	ng/ul	0.01
90) Benzo(a)pyrene-d12	15.67	264	926703	19.20	ng/ul	0.08
Target Compounds						Qvalue
6) Phenol	6.52	94	94514	2.926	ng/ul	97
45) Dimethylphthalate	9.66	163	275511	4.761	ng/ul	98
50) Acenaphthene	9.98	153	126571	2.467	ng/ul	92
70) Phenanthrene	11.48	178	3635256	46.314	ng/ul	96
72) Anthracene	11.53	178	738413	9.560	ng/ul	99
75) Carbazole	11.69	167	505428	7.654	ng/ul	99
77) Fluoranthene	12.71	202	8850173	111.790	ng/ul	97
80) Pyrene	12.95	202	8810133	163.725	ng/ul#	92
83) Benzo(a)anthracene	14.17	228	8083537	156.570	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	14.17	149	42991	1.466	ng/ul#	80
85) Chrysene	14.17	228	8102114	171.015	ng/ul	97
88) Benzo(b)fluoranthene	15.32	252	10598673	171.742	ng/ul	96
89) Benzo(k)fluoranthene	15.32	252	10598673	182.192	ng/ul	96
91) Benzo(a)pyrene	15.64	252	6398182	110.501	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	17.20	276	730321	10.964	ng/ul	93
93) Dibenzo(a,h)anthracene	17.26	278	238069	4.315	ng/ul#	57

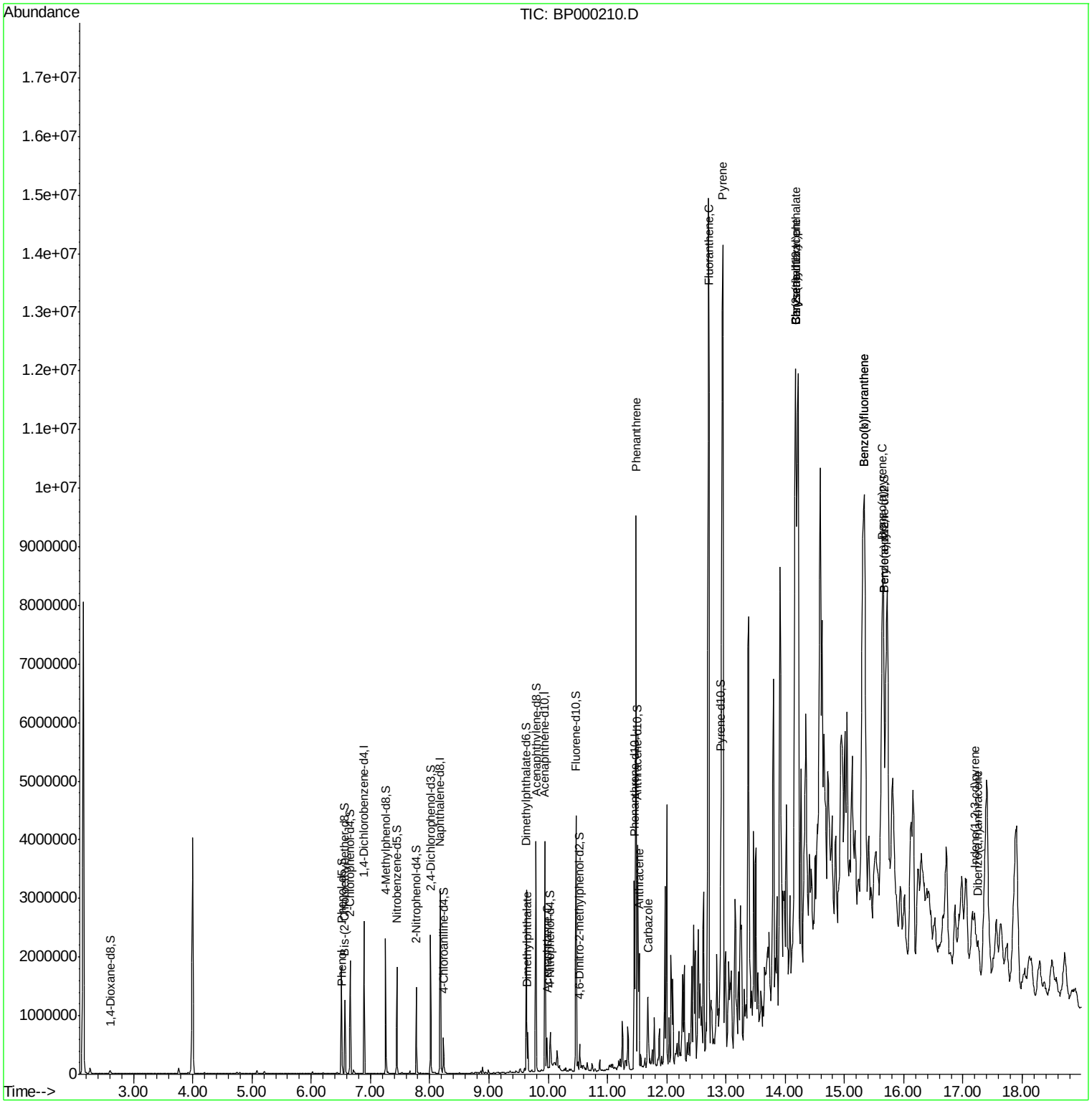
(#) = qualifier out of range (m) = manual integration (+) = signals summed

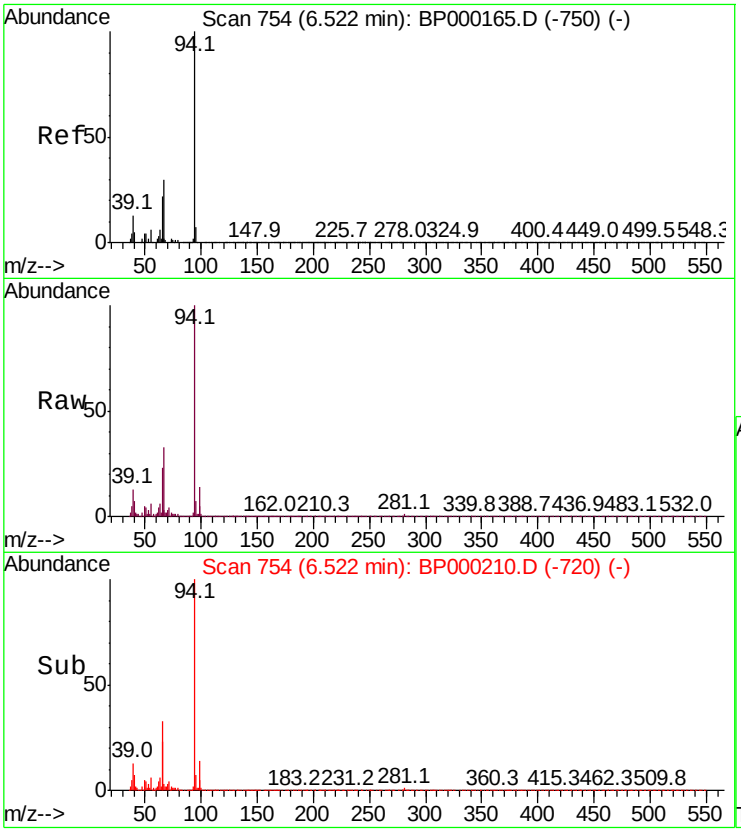
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000210.D
Acq On : 12 Sep 2019 11:16
Operator : HP/JU
Sample : K4634-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 13 01:46:25 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



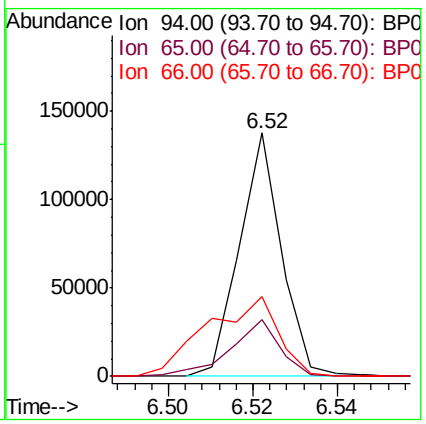


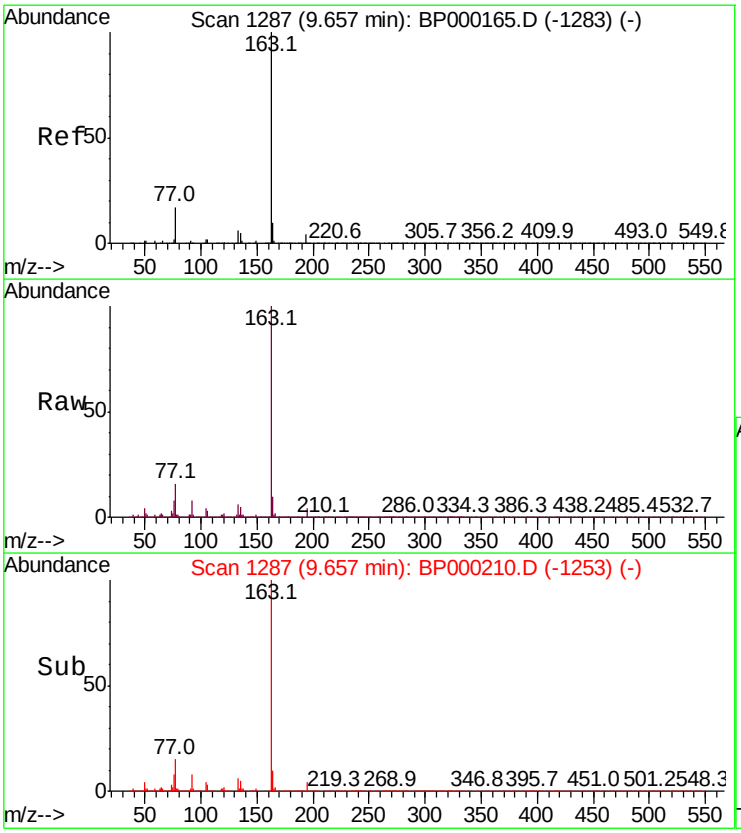
#6
Phenol
Concen: 2.926 ng/ul
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BP000210.D
Acq: 12 Sep 2019 11:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 94514

Ion	Ratio	Lower	Upper
94	100		
65	23.4	18.8	28.2
66	33.0	24.2	36.2

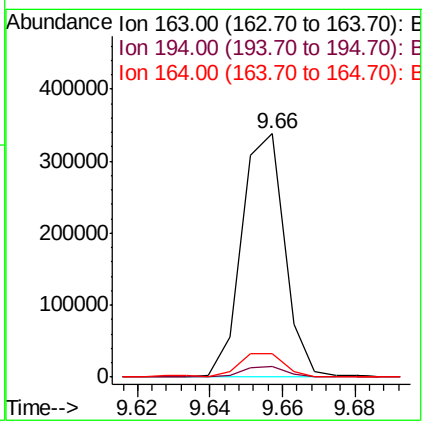


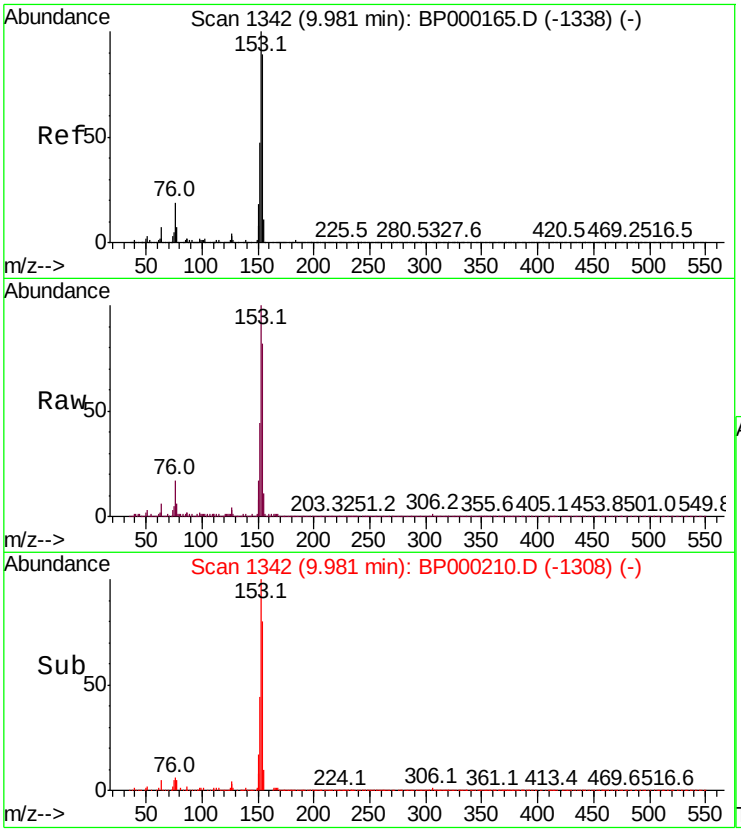


#45
Dimethylphthalate
Concen: 4.761 ng/ul
RT: 9.66 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BP000210.D
Acq: 12 Sep 2019 11:16

Tgt Ion:163 Resp: 275511

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	9.6	8.4	12.6



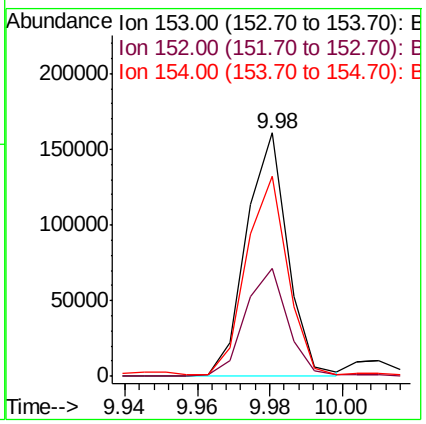


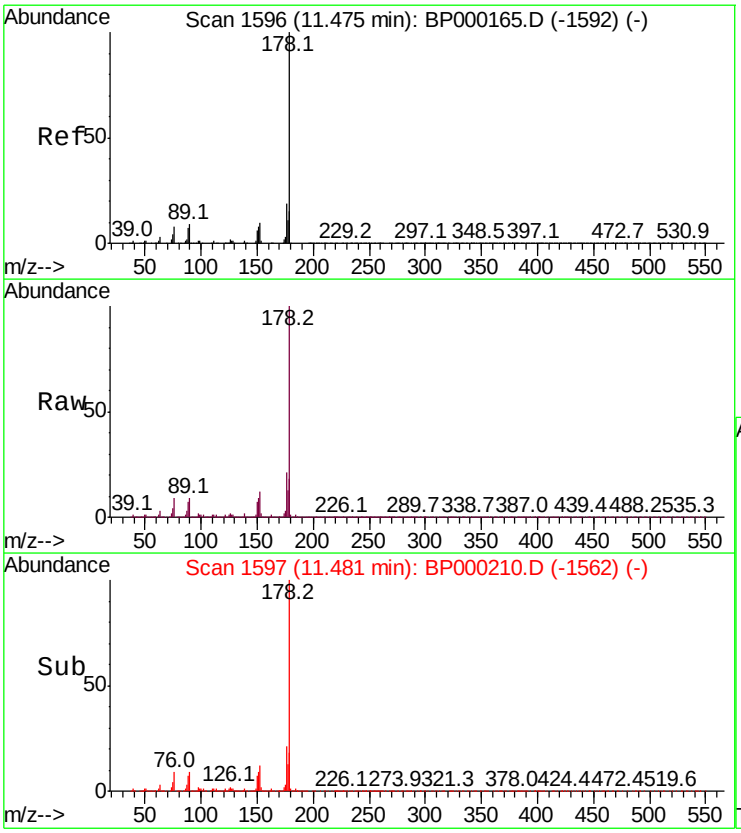
#50
Acenaphthene
Concen: 2.467 ng/ul
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BP000210.D
Acq: 12 Sep 2019 11:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:153 Resp: 126571

Ion	Ratio	Lower	Upper
153	100		
152	44.4	38.0	57.0
154	82.1	72.6	108.8

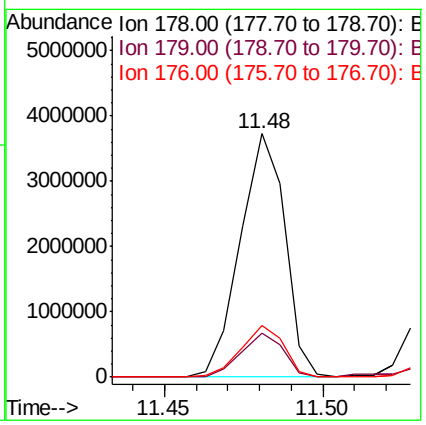


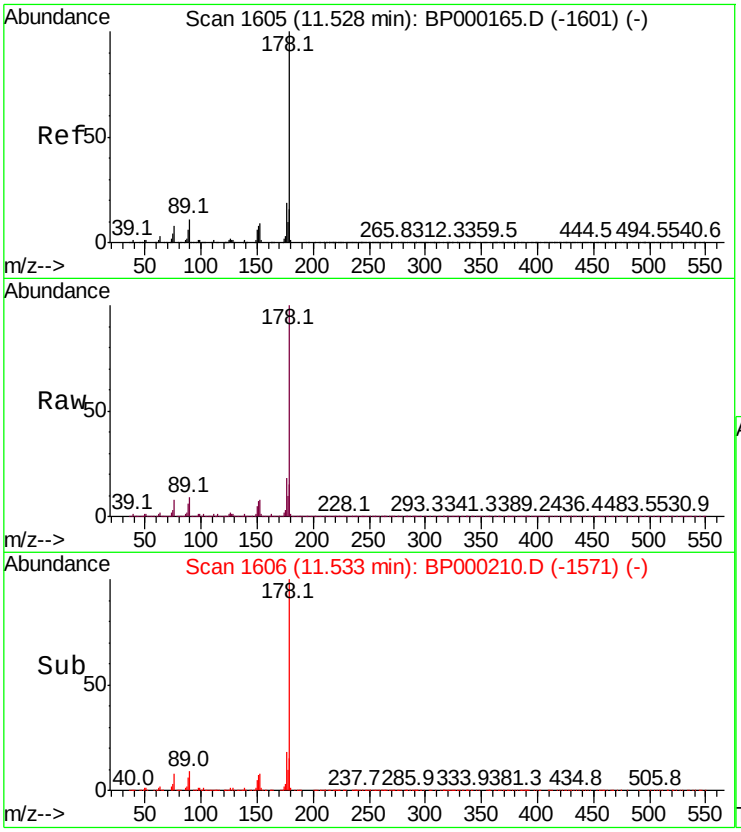


#70
Phenanthrene
Concen: 46.314 ng/ul
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BP000210.D
Acq: 12 Sep 2019 11:16

Tgt Ion:178 Resp: 3635256

Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.5	18.7
176	21.1	15.7	23.5



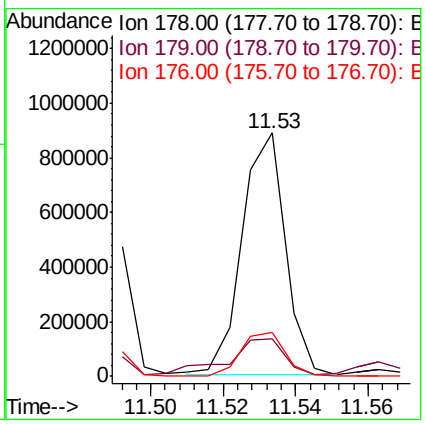


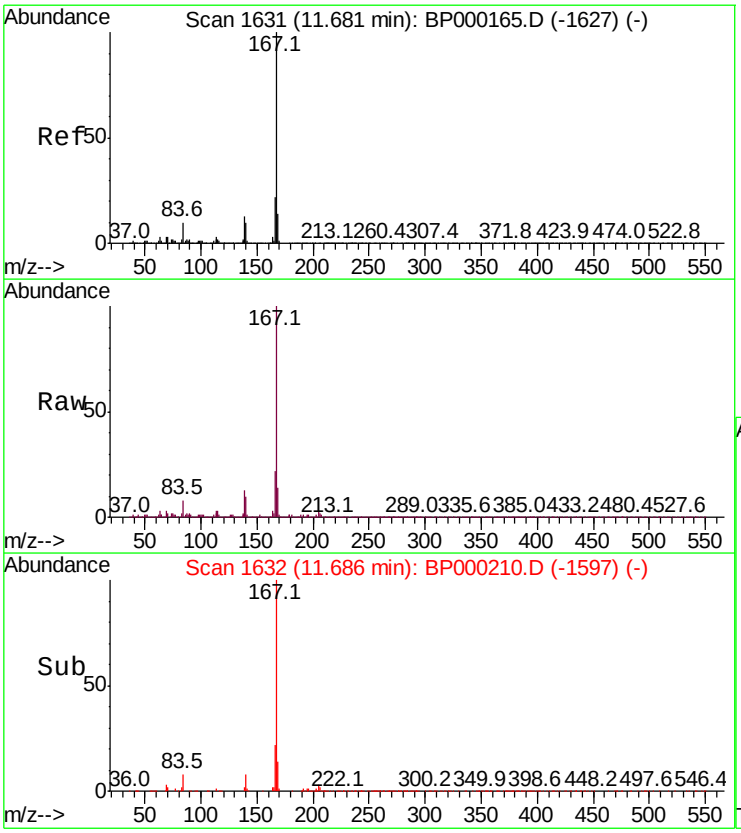
#72
Anthracene
Concen: 9.560 ng/ul
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: BP000210.D
Acq: 12 Sep 2019 11:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 738413

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.1	15.1	22.7

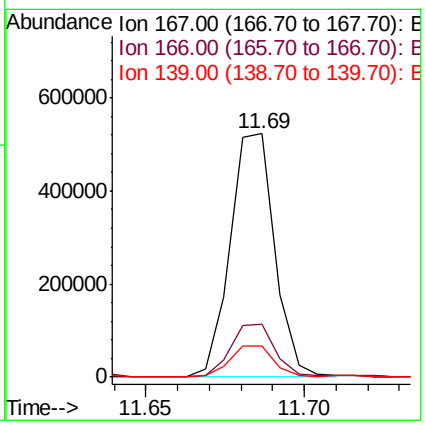


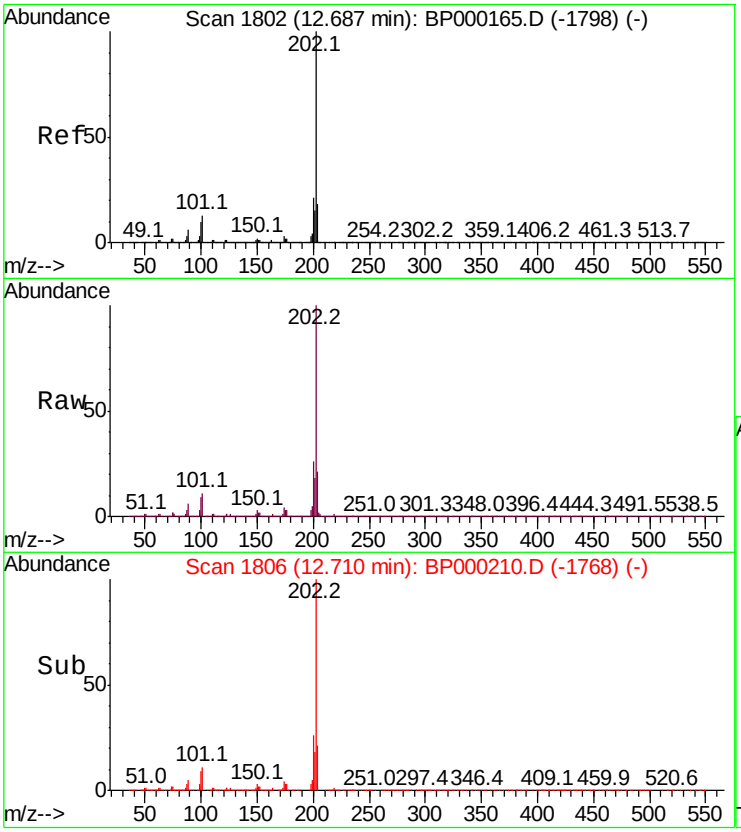


#75
Carbazole
Concen: 7.654 ng/ul
RT: 11.69 min Scan# 1632
Delta R.T. 0.01 min
Lab File: BP000210.D
Acq: 12 Sep 2019 11:16

Tgt Ion:167 Resp: 505428

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.3	25.9
139	13.0	10.6	15.8



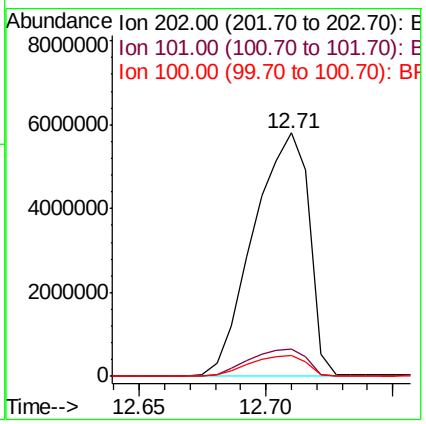


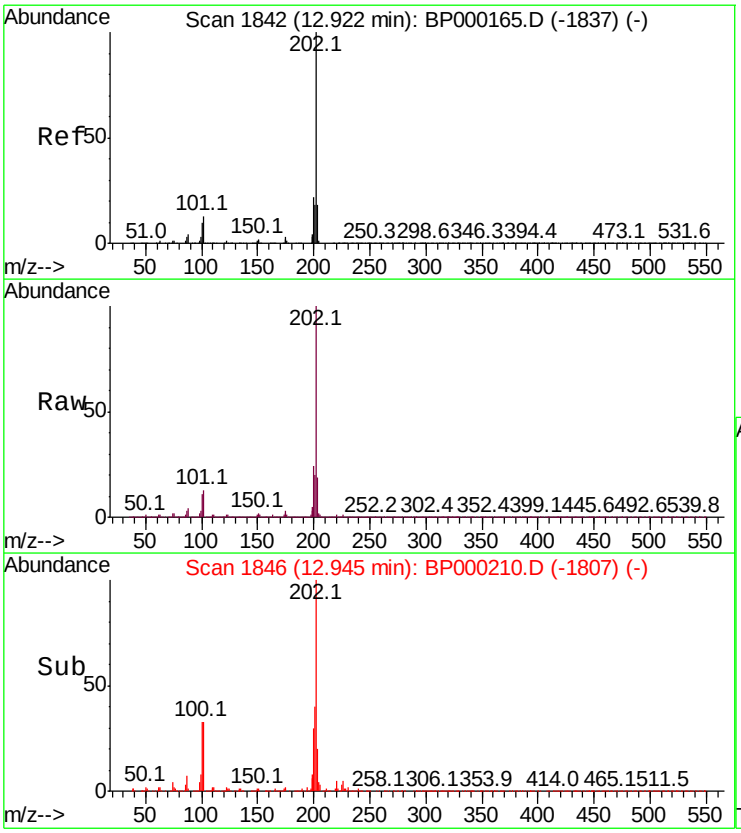
#77
Fluoranthene
Concen: 111.790 ng/ul
RT: 12.71 min Scan# 1806
Delta R.T. 0.02 min
Lab File: BP000210.D
Acq: 12 Sep 2019 11:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 8850173

Ion	Ratio	Lower	Upper
202	100		
101	11.3	10.0	15.0
100	8.7	7.4	11.2

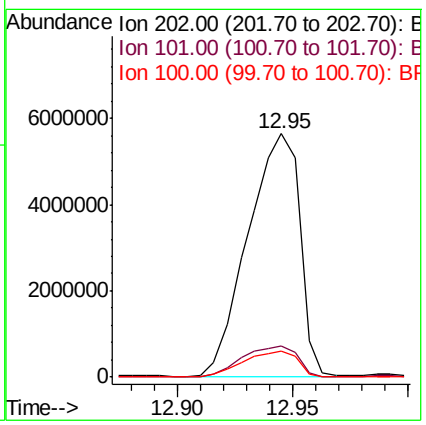


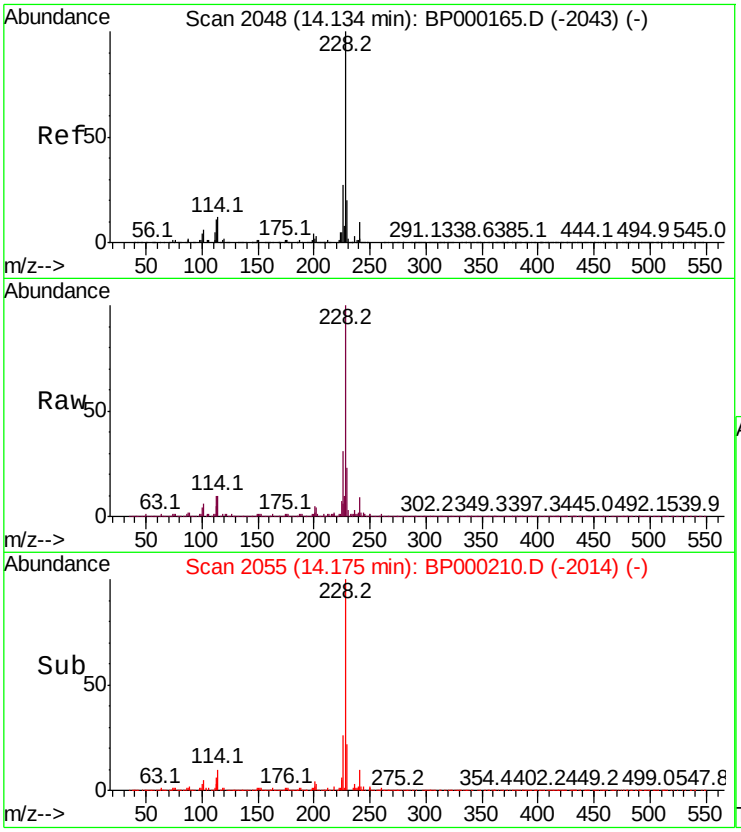


#80
Pyrene
Concen: 163.725 ng/ul
RT: 12.95 min Scan# 1846
Delta R.T. 0.03 min
Lab File: BP000210.D
Acq: 12 Sep 2019 11:16

Tgt Ion:202 Resp: 8810133

Ion	Ratio	Lower	Upper
202	100		
101	12.8	13.4	20.0#
100	10.6	10.8	16.2#



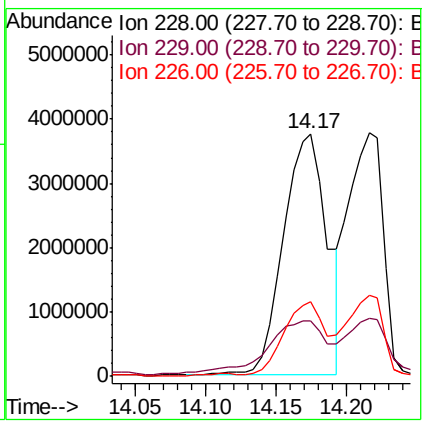


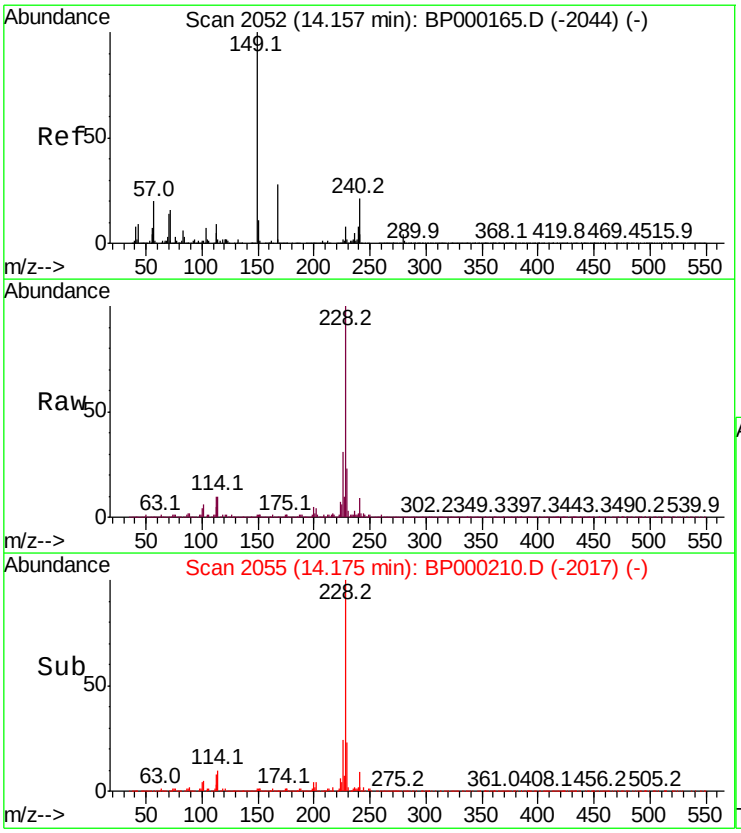
#83
Benzo(a)anthracene
Concen: 156.570 ng/ul
RT: 14.17 min Scan# 2055
Delta R.T. 0.04 min
Lab File: BP000210.D
Acq: 12 Sep 2019 11:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 8083537

Ion	Ratio	Lower	Upper
228	100		
229	23.1	15.9	23.9
226	30.8	22.1	33.1

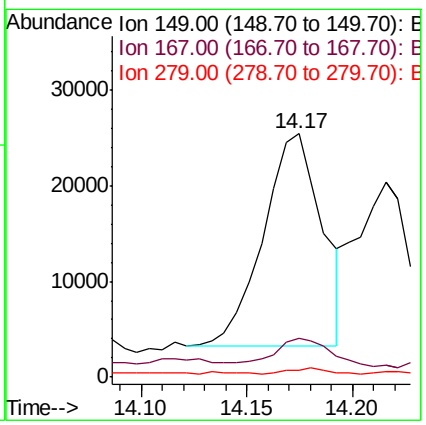


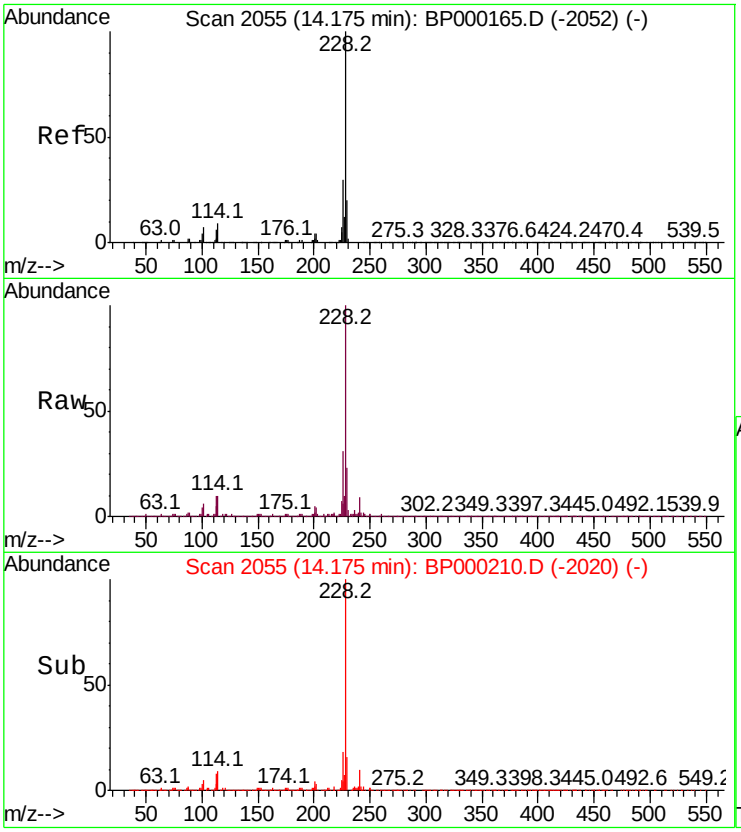


#84
Bis(2-ethylhexyl)phthalate
Concen: 1.466 ng/ul
RT: 14.17 min Scan# 2055
Delta R.T. 0.02 min
Lab File: BP000210.D
Acq: 12 Sep 2019 11:16

Tgt Ion:149 Resp: 42991

Ion	Ratio	Lower	Upper
149	100		
167	15.7	21.8	32.8#
279	3.0	3.0	4.4



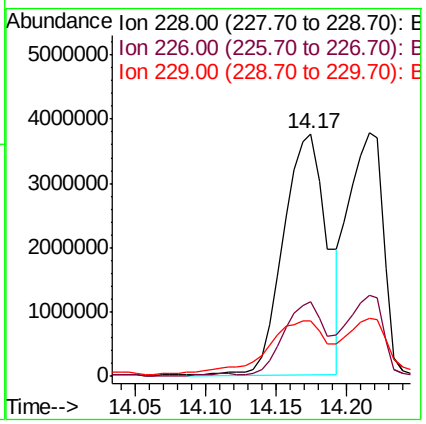


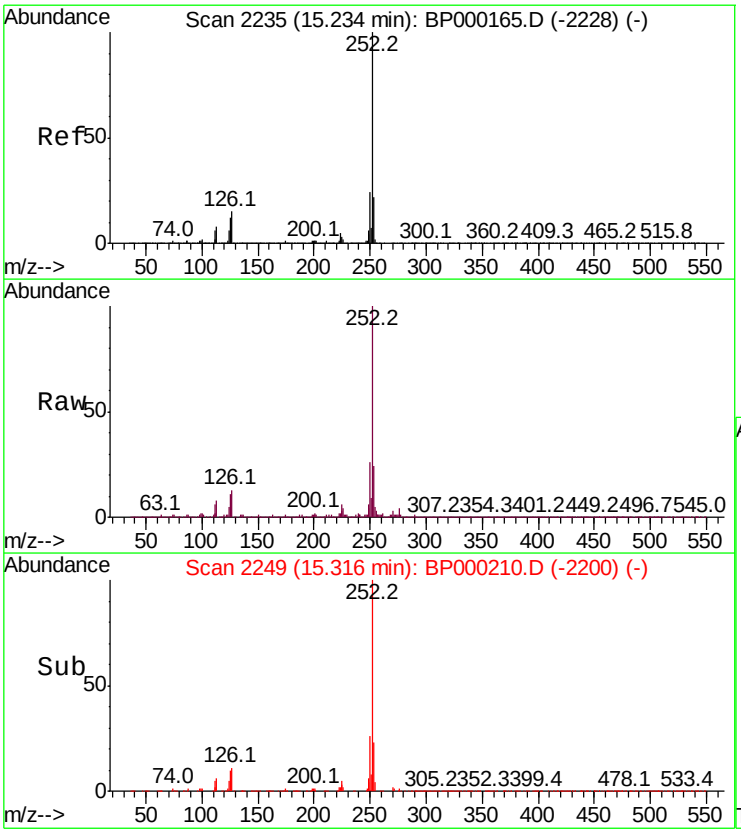
#85
Chrysene
Concen: 171.015 ng/ul
RT: 14.17 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BP000210.D
Acq: 12 Sep 2019 11:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 8102114

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.4	36.6
229	23.1	16.0	24.0

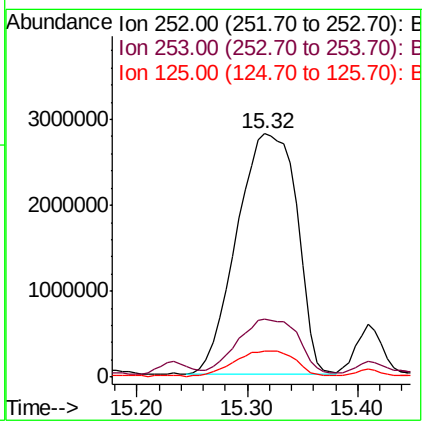


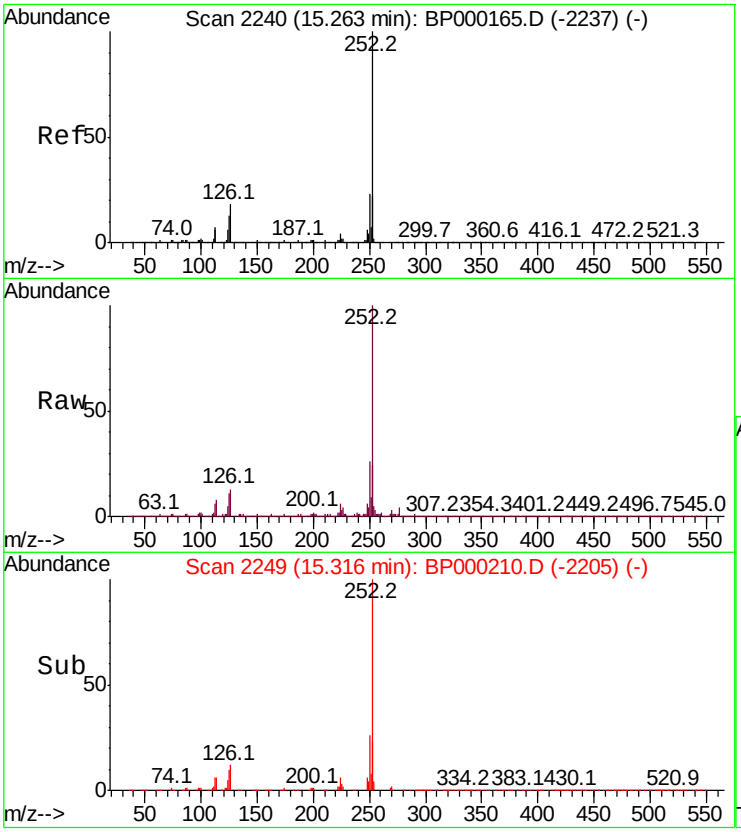


#88
Benzo(b)fluoranthene
Concen: 171.742 ng/ul
RT: 15.32 min Scan# 2249
Delta R.T. 0.09 min
Lab File: BP000210.D
Acq: 12 Sep 2019 11:16

Tgt Ion:252 Resp:10598673

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	10.6	9.9	14.9



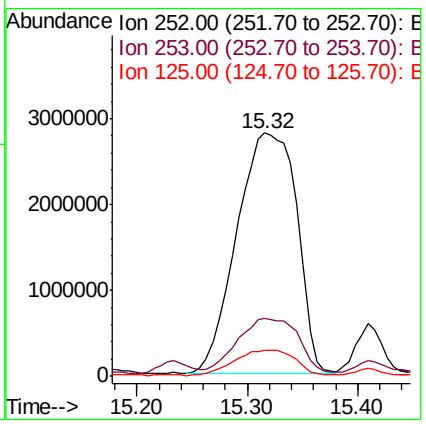


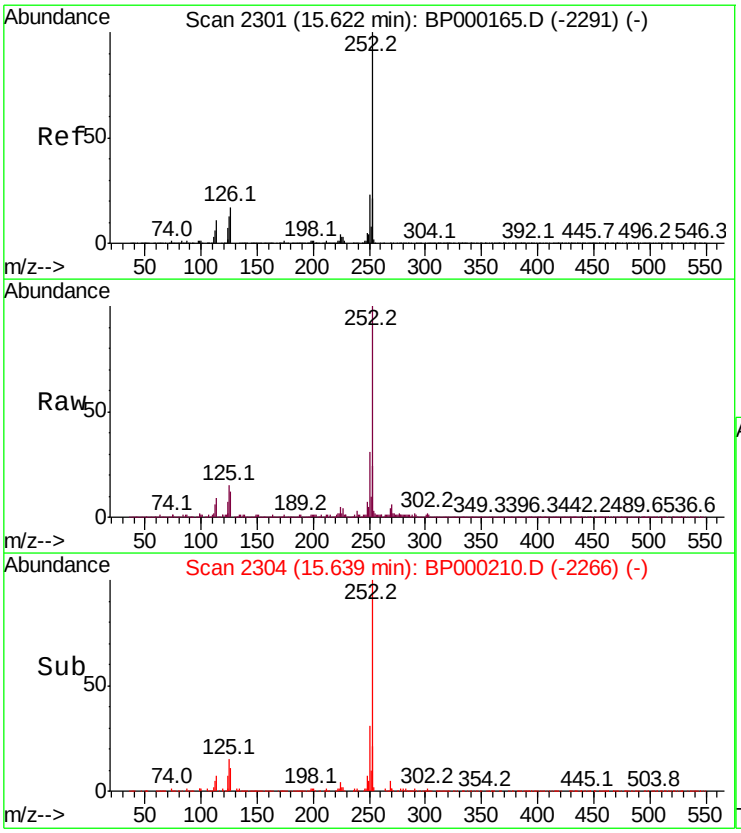
#89
Benzo(k)fluoranthene
Concen: 182.192 ng/ul
RT: 15.32 min Scan# 2249
Delta R.T. 0.06 min
Lab File: BP000210.D
Acq: 12 Sep 2019 11:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp:10598673

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	10.6	10.2	15.2

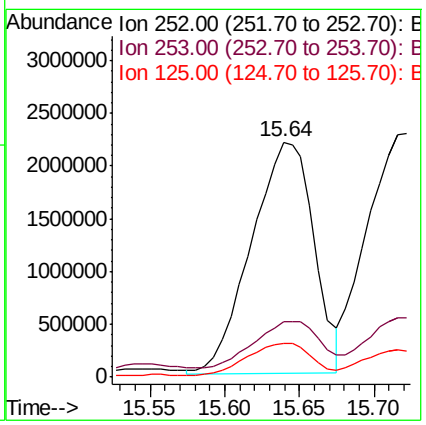


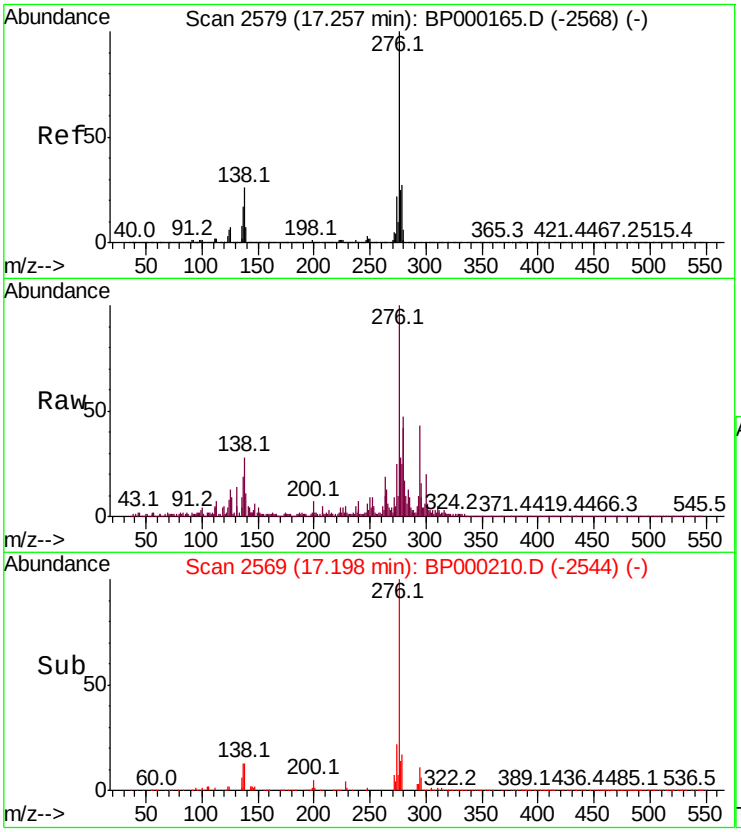


#91
Benzo(a)pyrene
Concen: 110.501 ng/ul
RT: 15.64 min Scan# 2304
Delta R.T. 0.02 min
Lab File: BP000210.D
Acq: 12 Sep 2019 11:16

Tgt Ion:252 Resp: 6398182

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	14.6	10.2	15.2



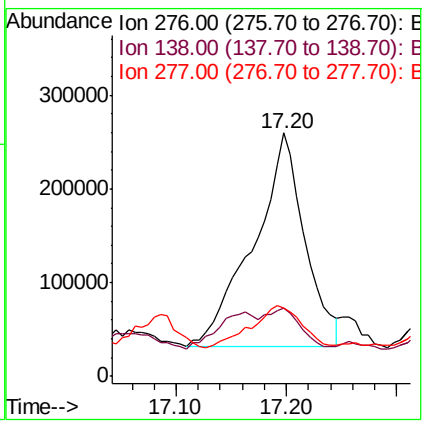


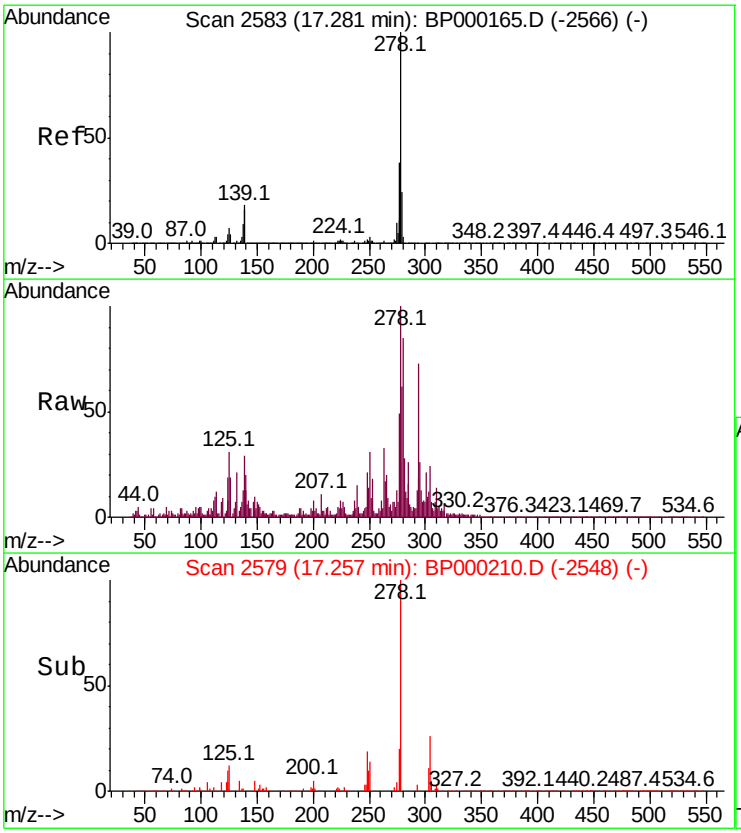
#92
Indeno(1,2,3-cd)pyrene
Concen: 10.964 ng/ul
RT: 17.20 min Scan# 2569
Delta R.T. -0.05 min
Lab File: BP000210.D
Acq: 12 Sep 2019 11:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 730321

Ion	Ratio	Lower	Upper
276	100		
138	27.8	20.0	30.0
277	27.9	19.4	29.0





#93
Dibenzo(a,h)anthracene
Concen: 4.315 ng/ul
RT: 17.26 min Scan# 2579
Delta R.T. -0.02 min
Lab File: BP000210.D
Acq: 12 Sep 2019 11:16

Tgt Ion:278 Resp: 238069

Ion	Ratio	Lower	Upper
278	100		
139	19.5	15.1	22.7
279	61.7	19.2	28.8#