Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000230.D
Acq On : 12 Sep 2019 21:47
Operator : HP/JU
Sample : K4634-20DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D38DL

Manual Integrations APPROVED
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Quant Time: Sep 13 06:49:49 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	6.90	152	274594	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1033773	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	558936	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.46	188	1042381	20.00	ng/ul	0.00
78) Chrysene-d12	14.17	240	785218	20.00	ng/ul	0.02
86) Perylene-d12	15.75	264	708861m	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.62	96	4364	0.56	ng/uL	0.02
5) Phenol-d5	6.52	99	87548	3.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.58	67	44356	3.63	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	72061	3.81	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	65026	3.70	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	30157	3.84	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	32245	4.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	60832	3.75	ng/ul	0.00
29) 4-Chloroaniline-d4	8.24	131	20670	1.03	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	179697	4.35	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	221053	4.33	ng/ul	0.00
52) 4-Nitrophenol-d4	10.04	143	15951	2.16	ng/ul	0.00
58) Fluorene-d10	10.47	176	146986	4.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.55	200	8438	1.76	ng/ul	0.02
71) Anthracene-d10	11.51	188	221095	4.38	ng/ul	0.00
79) Pyrene-d10	12.91	212	210489	4.51	ng/ul	0.01
90) Benzo(a)pyrene-d12	15.65	264	159651	4.35	ng/ul	0.06
Target Compounds						Qvalue
50) Acenaphthene	9.98	153	158363	4.289	ng/ul	99
70) Phenanthrene	11.48	178	624630	10.133	ng/ul	99
72) Anthracene	11.53	178	145190	2.394	ng/ul	98
75) Carbazole	11.69	167	82451	1.590	ng/ul	96
77) Fluoranthene	12.70	202	1267579	20.387	ng/ul	99
80) Pyrene	12.93	202	1542557	26.039	ng/ul#	91
83) Benzo(a)anthracene	14.16	228	1075293	18.918	ng/ul	98
85) Chrysene	14.20	228	1524213	29.223	ng/ul	97
88) Benzo(b)fluoranthene	15.29	252	1088163m	23.161	ng/ul	
89) Benzo(k)fluoranthene	15.30	252	517973m	11.696	ng/ul	
91) Benzo(a)pyrene	15.68	252	1147660	26.036	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	17.36	276	768906m	15.162	ng/ul	
93) Dibenzo(a,h)anthracene	17.37	278	169927m	4.046	ng/ul	
94) Benzo(g,h,i)perylene	17.87	276	799810m	18.916	ng/ul	

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

Quantitation Report (QT/LSC Reviewed)

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Misc :
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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

Instrument :
BNA_P
ClientSampleId :
F2D38DL

Manual Integrations APPROVED
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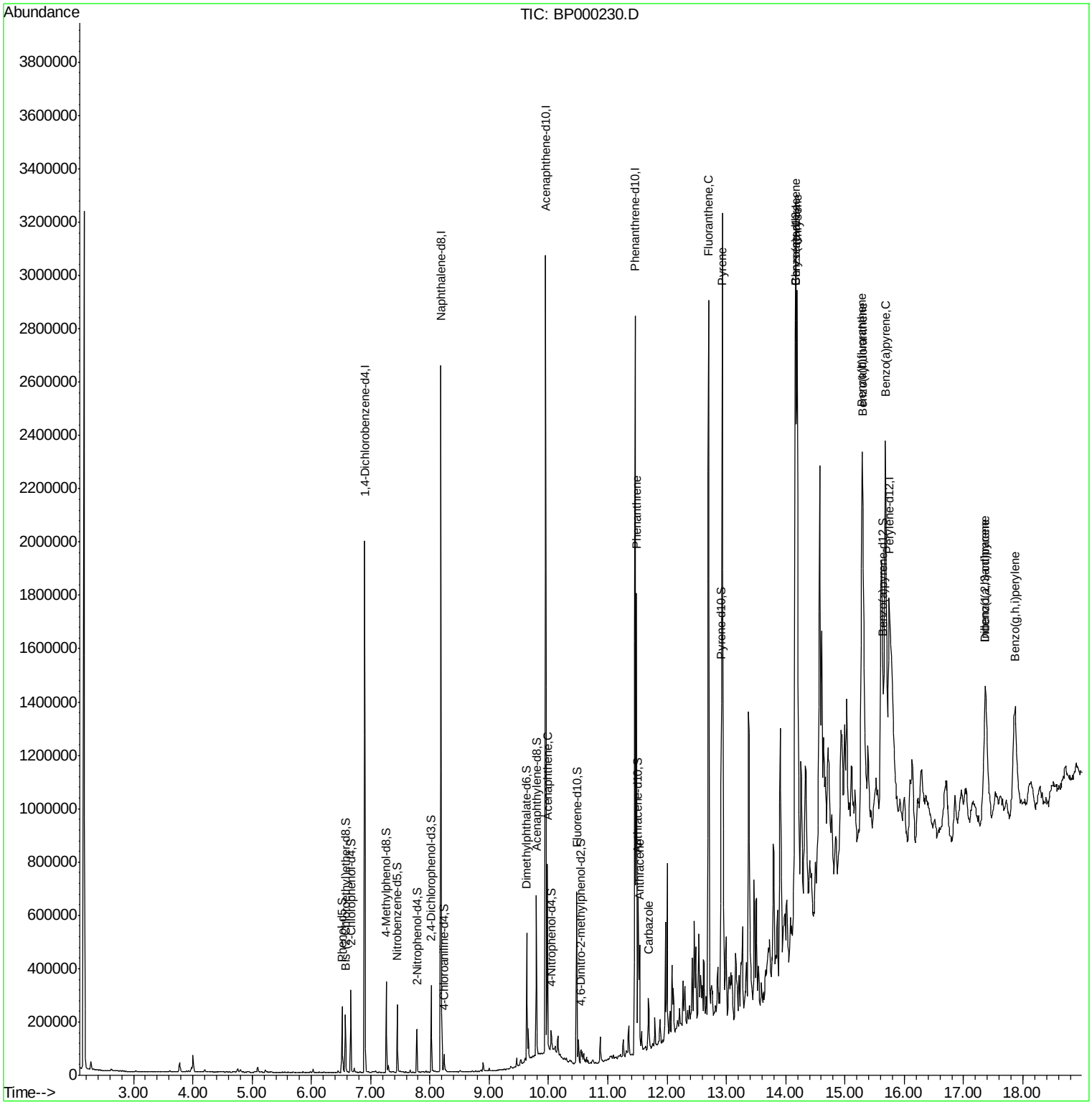
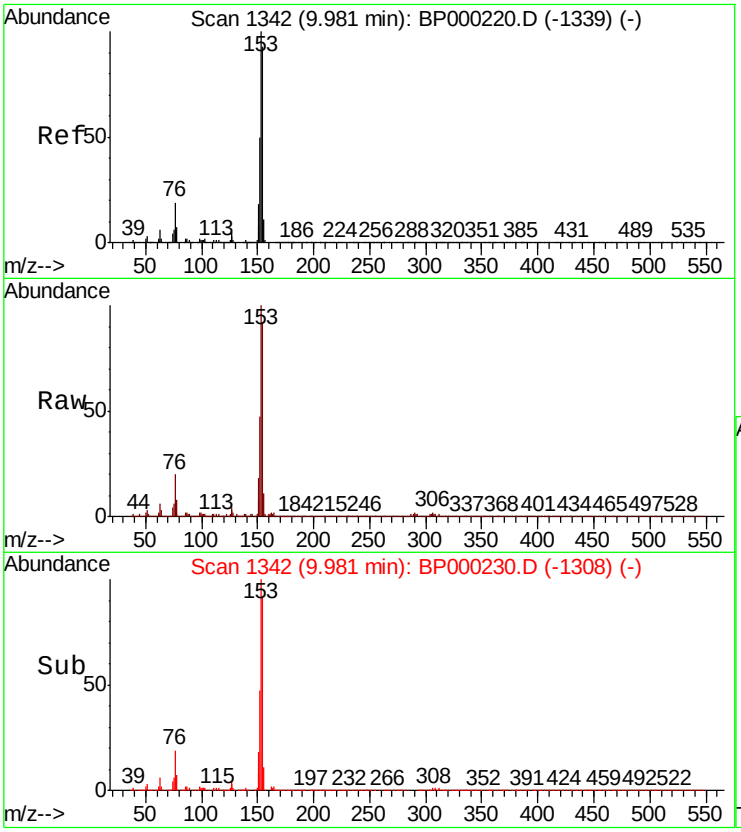
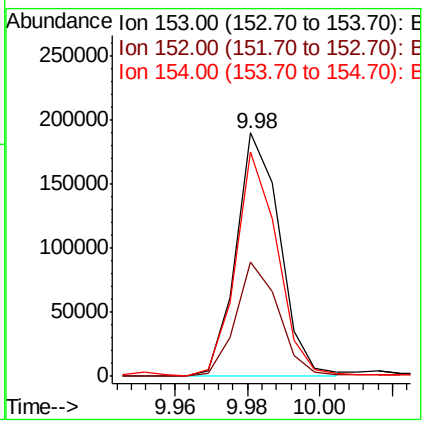




#50
Acenaphthene
Concen: 4.289 ng/ul
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BP000230.D
Acq: 12 Sep 2019 21:47

Tgt Ion:153 Resp: 158363

Ion	Ratio	Lower	Upper
153	100		
152	47.1	38.0	57.0
154	92.1	72.6	108.8



Instrument :
BNA_P
ClientSampleId :
F2D38DL

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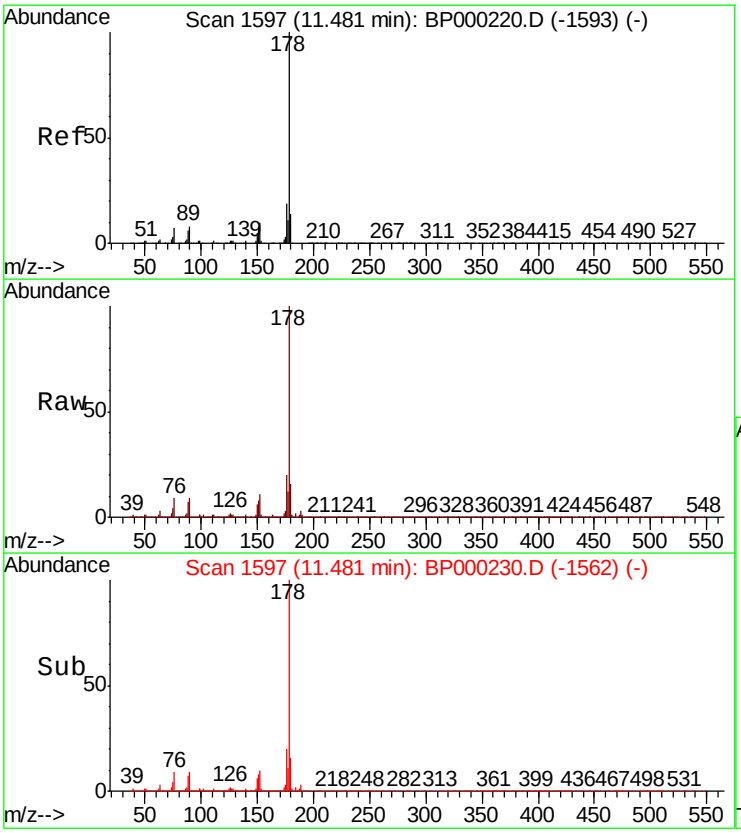
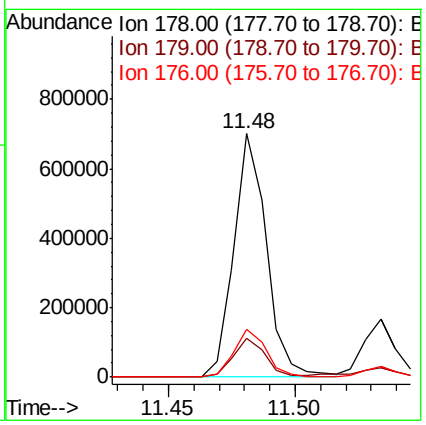
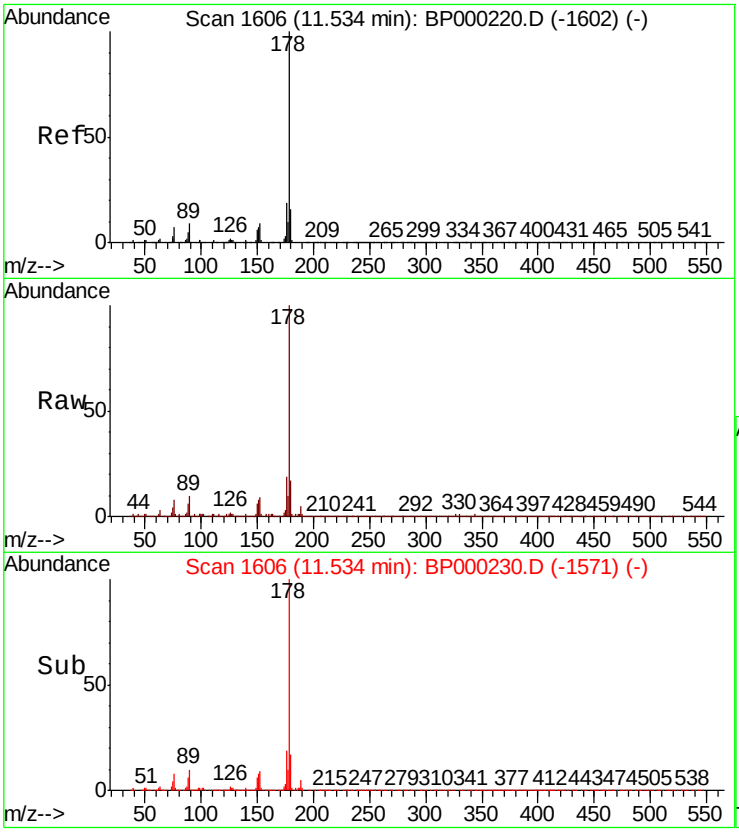


#70
Phenanthrene
Concen: 10.133 ng/ul
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BP000230.D
Acq: 12 Sep 2019 21:47

Tgt Ion:178 Resp: 624630

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

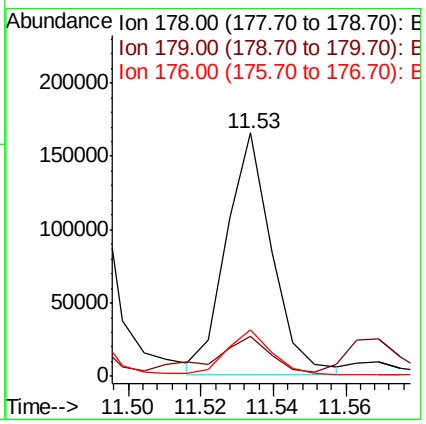




#72
Anthracene
Concen: 2.394 ng/ul
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: BP000230.D
Acq: 12 Sep 2019 21:47

Tgt Ion:178 Resp: 145190

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.3	18.5
176	19.2	15.1	22.7



Instrument :
BNA_P
ClientSampleId :
F2D38DL

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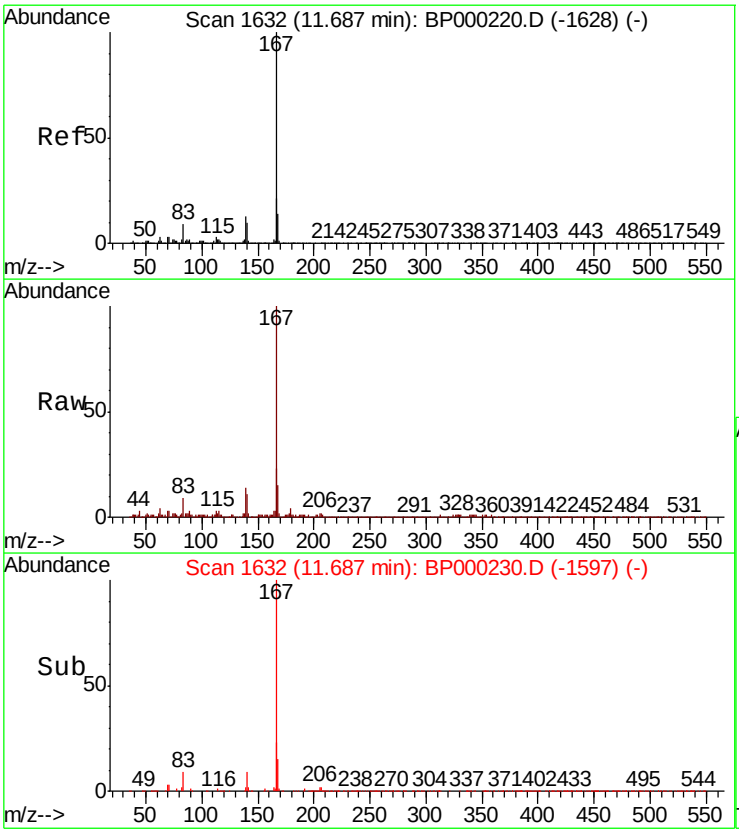
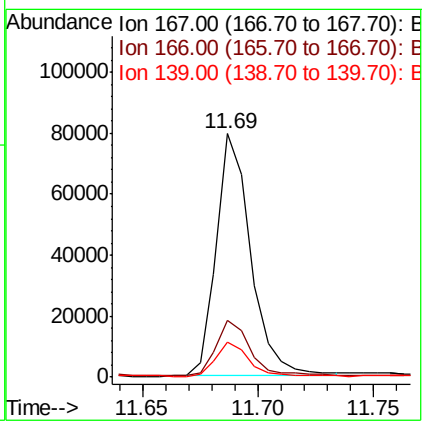
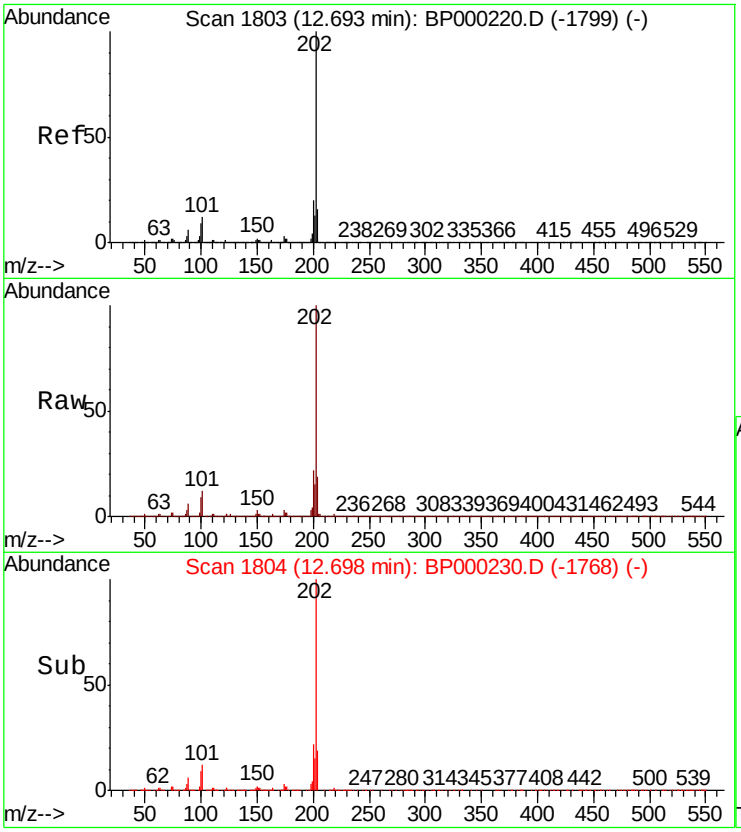


#75
Carbazole
Concen: 1.590 ng/ul
RT: 11.69 min Scan# 1632
Delta R.T. 0.01 min
Lab File: BP000230.D
Acq: 12 Sep 2019 21:47

Tgt Ion:167 Resp: 82451

Ion	Ratio	Lower	Upper
167	100		
166	23.5	17.3	25.9
139	14.4	10.6	15.8

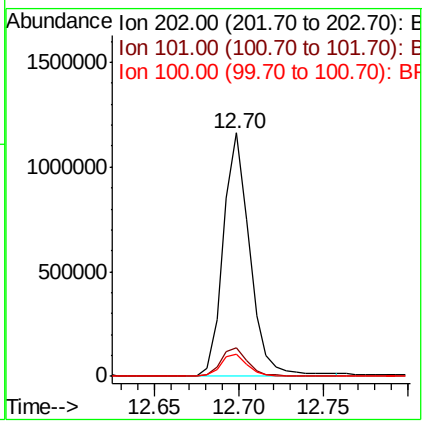




#77
Fluoranthene
Concen: 20.387 ng/ul
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BP000230.D
Acq: 12 Sep 2019 21:47

Tgt Ion:202 Resp: 1267579

Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.0	15.0
100	8.9	7.4	11.2



Instrument :
BNA_P
ClientSampleId :
F2D38DL

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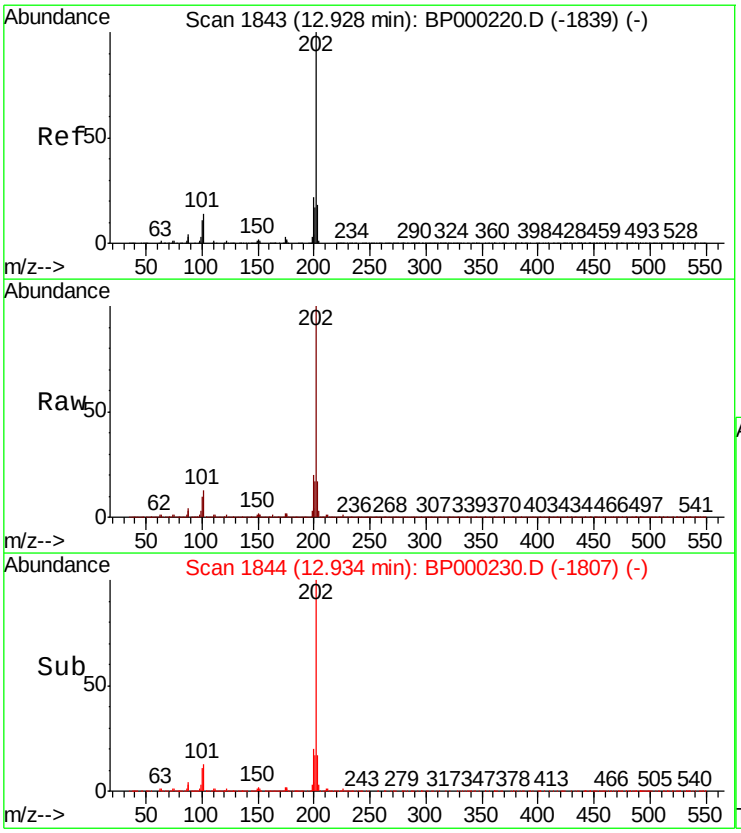
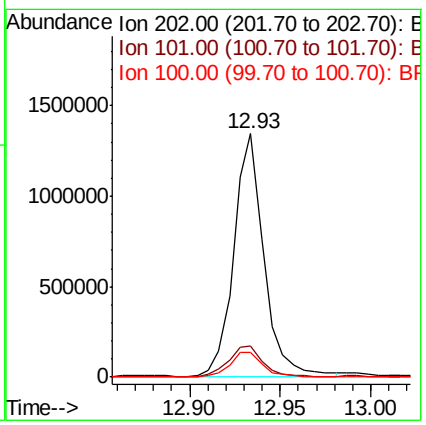
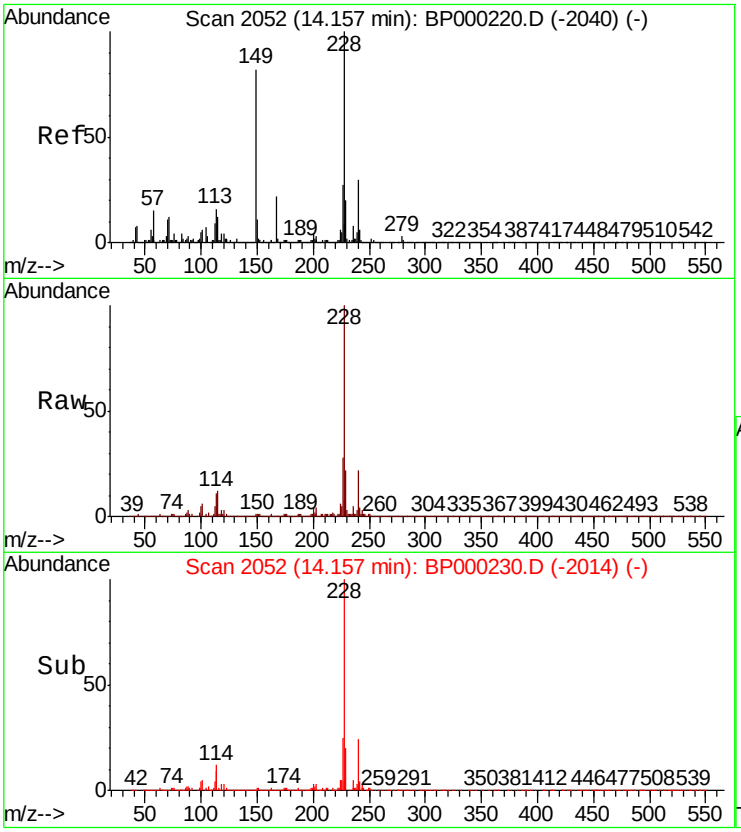


#80
Pyrene
Concen: 26.039 ng/ul
RT: 12.93 min Scan# 1844
Delta R.T. 0.02 min
Lab File: BP000230.D
Acq: 12 Sep 2019 21:47

Tgt Ion:202 Resp: 1542557

Ion	Ratio	Lower	Upper
202	100		
101	12.6	13.4	20.0#
100	10.3	10.8	16.2#

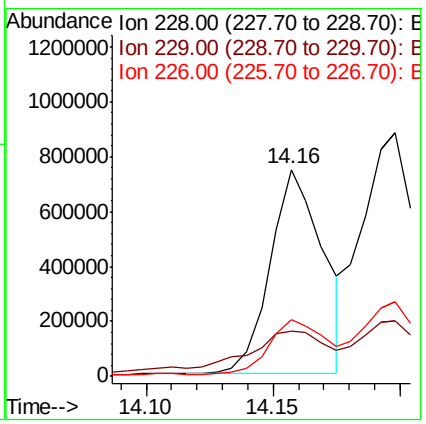




#83
Benzo(a)anthracene
Concen: 18.918 ng/ul
RT: 14.16 min Scan# 2052
Delta R.T. 0.02 min
Lab File: BP000230.D
Acq: 12 Sep 2019 21:47

Tgt Ion:228 Resp: 1075293

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.9	23.9
226	27.6	22.1	33.1



Instrument :
BNA_P
ClientSampleId :
F2D38DL

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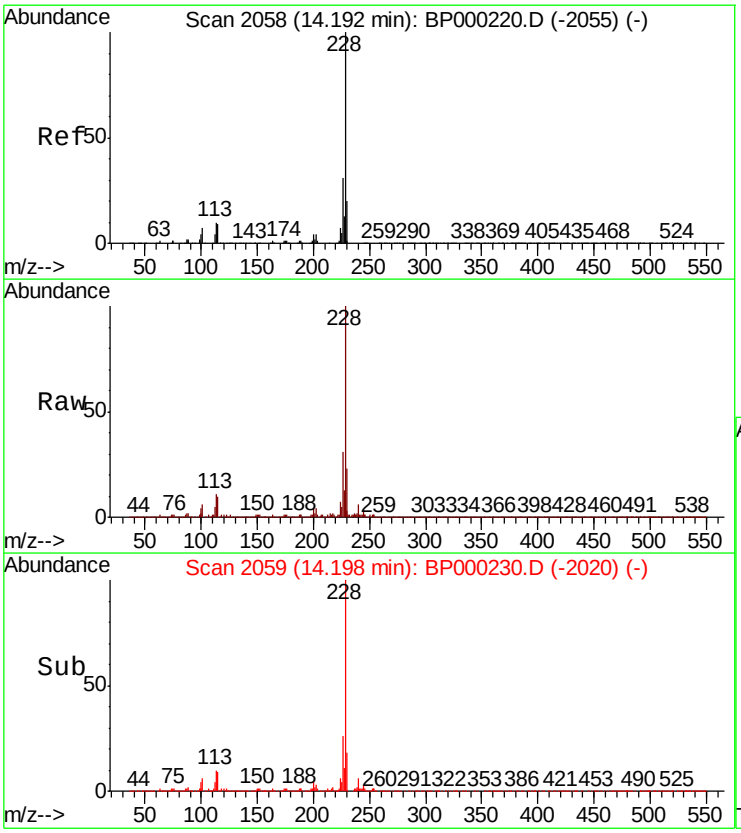
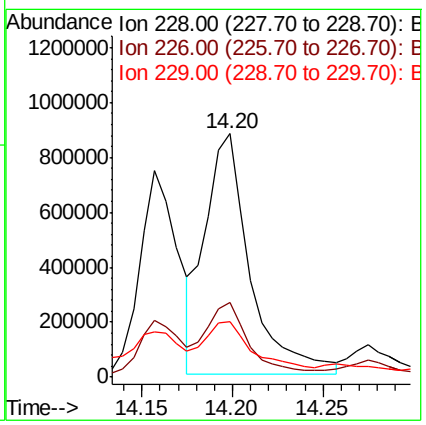
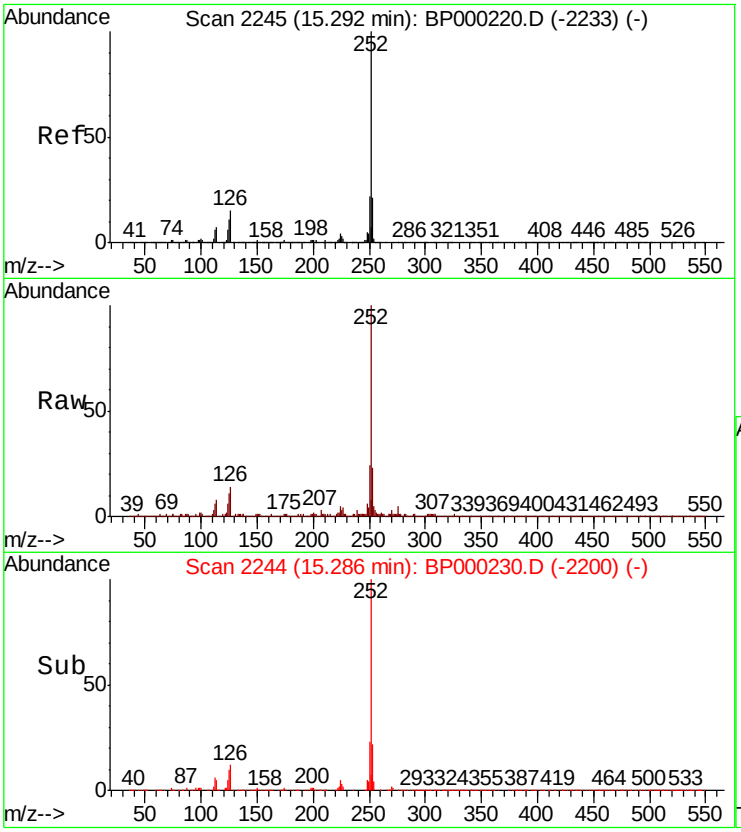


#85
Chrysene
Concen: 29.223 ng/ul
RT: 14.20 min Scan# 2059
Delta R.T. 0.03 min
Lab File: BP000230.D
Acq: 12 Sep 2019 21:47

Tgt Ion:228 Resp: 1524213

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	22.8	16.0	24.0

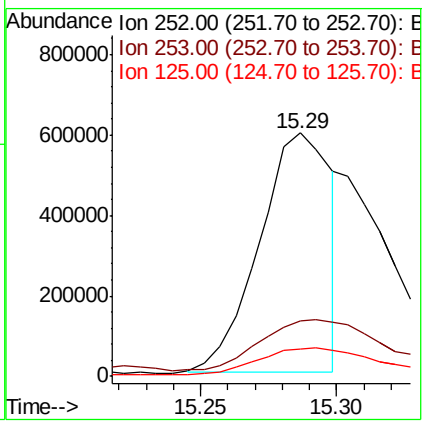




#88
Benzo(b)fluoranthene
Concen: 23.161 ng/ul m
RT: 15.29 min Scan# 2244
Delta R.T. 0.06 min
Lab File: BP000230.D
Acq: 12 Sep 2019 21:47

Tgt Ion:252 Resp: 1088163

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	11.3	9.9	14.9



Instrument :
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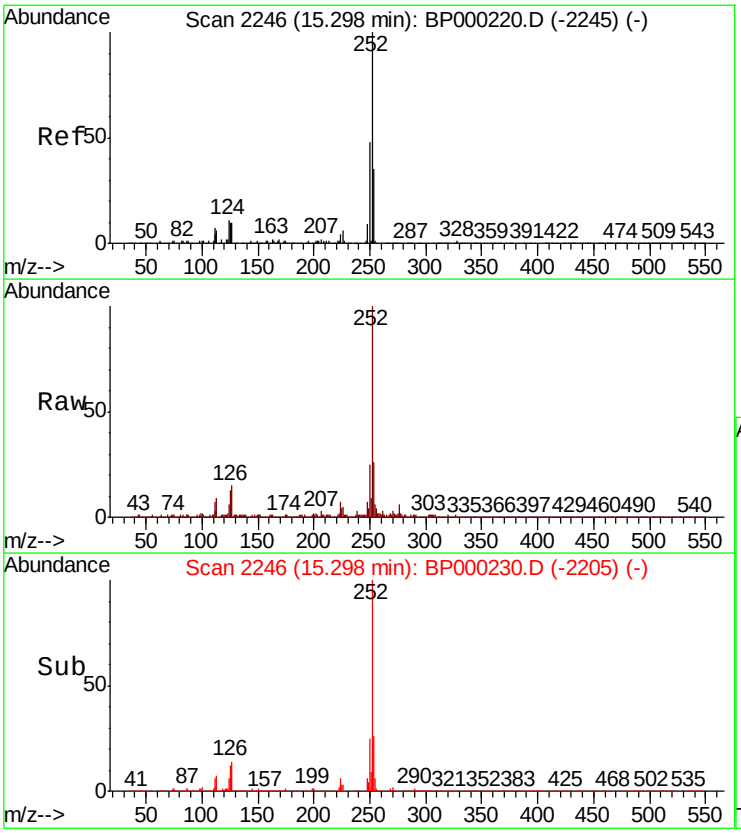
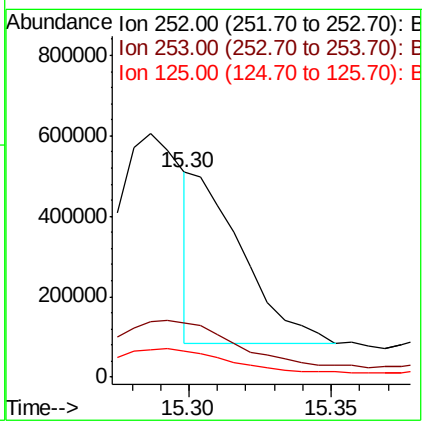
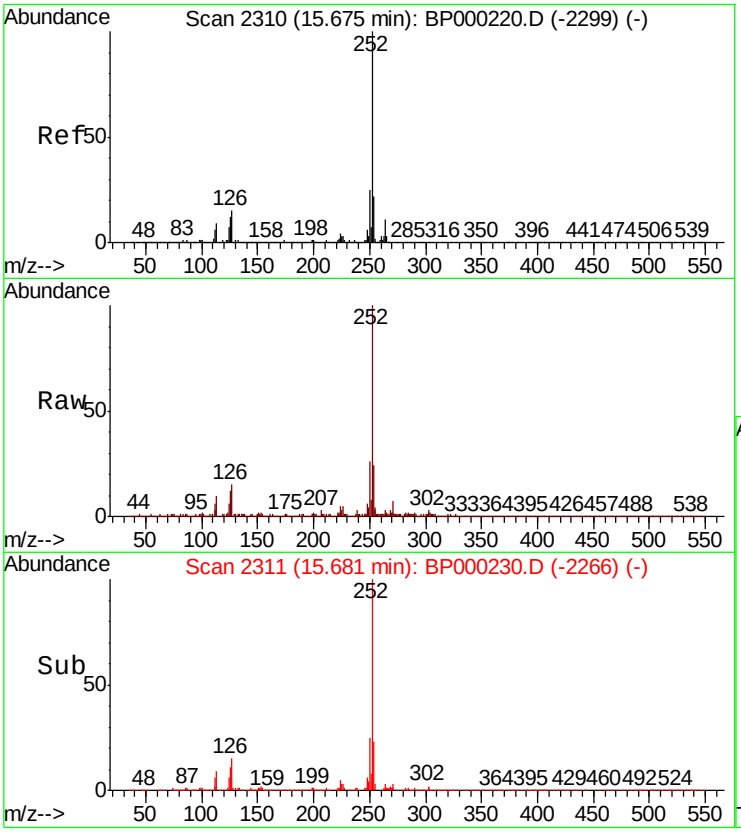


#89
Benzo(k)fluoranthene
Concen: 11.696 ng/ul m
RT: 15.30 min Scan# 2246
Delta R.T. 0.04 min
Lab File: BP000230.D
Acq: 12 Sep 2019 21:47

Tgt Ion:252 Resp: 517973

Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.0	27.0
125	13.0	10.2	15.2

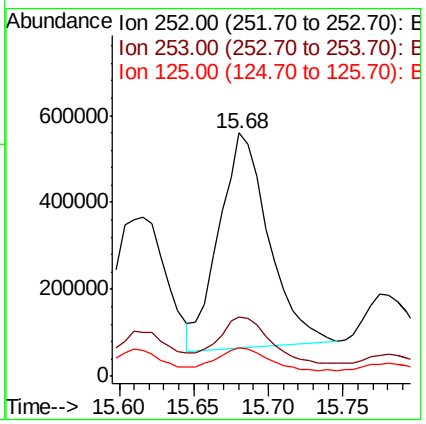




#91
Benzo(a)pyrene
Concen: 26.036 ng/ul
RT: 15.68 min Scan# 2311
Delta R.T. 0.06 min
Lab File: BP000230.D
Acq: 12 Sep 2019 21:47

Tgt Ion:252 Resp: 1147660

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	11.8	10.2	15.2



Instrument :
BNA_P
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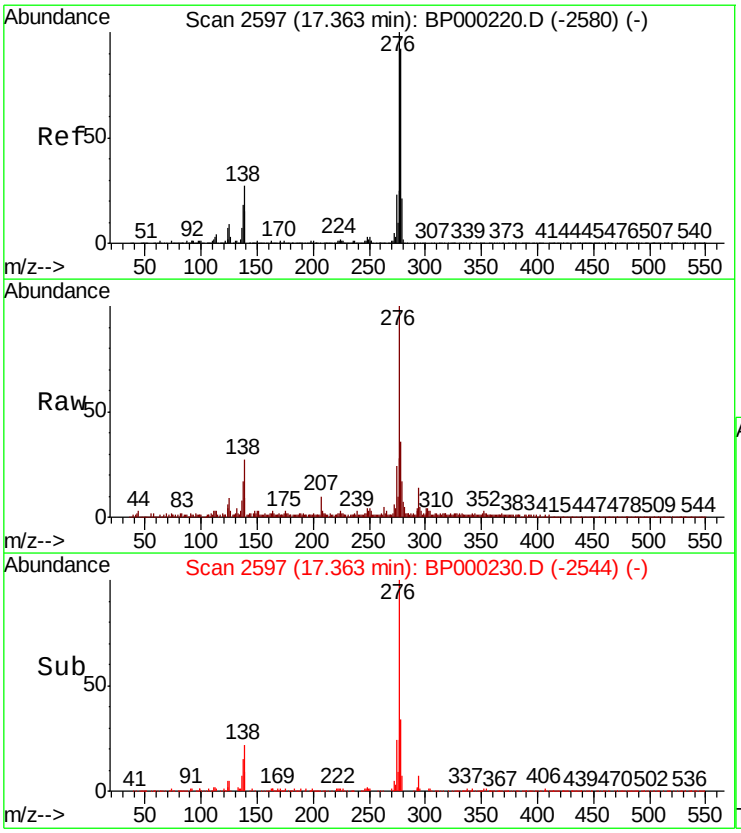
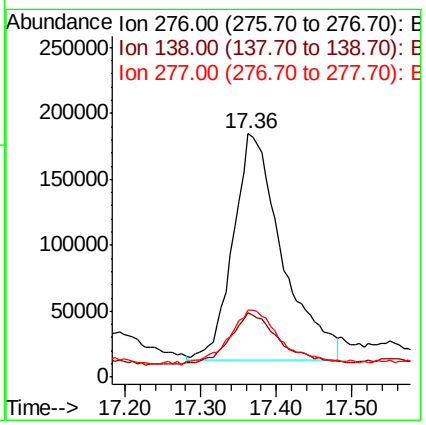
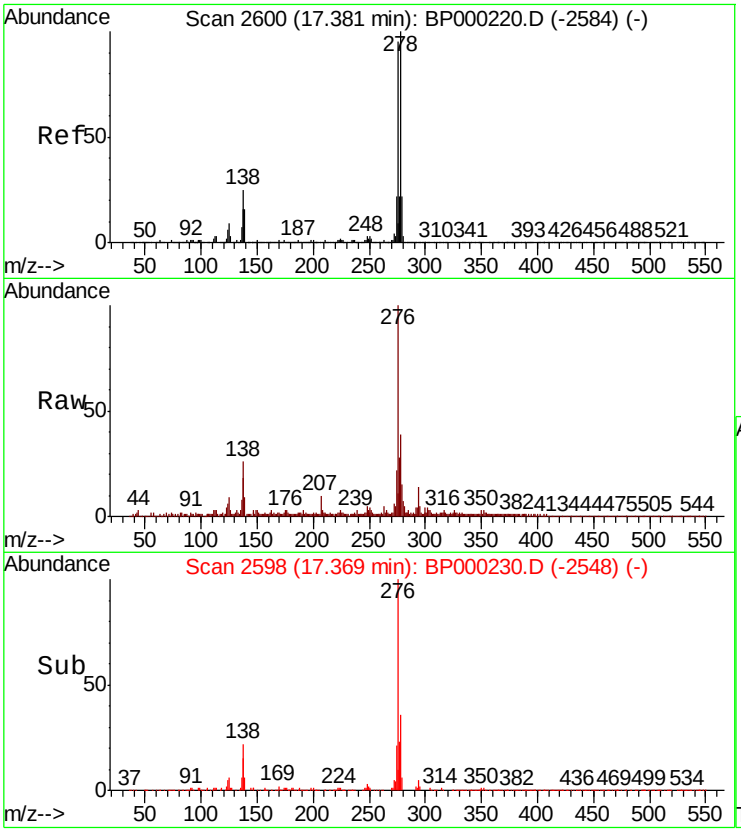


#92
Indeno(1,2,3-cd)pyrene
Concen: 15.162 ng/ul m
RT: 17.36 min Scan# 2597
Delta R.T. 0.11 min
Lab File: BP000230.D
Acq: 12 Sep 2019 21:47

Tgt Ion:276 Resp: 768906

Ion	Ratio	Lower	Upper
276	100		
138	26.6	20.0	30.0
277	27.5	19.4	29.0





#93
Dibenzo(a,h)anthracene
Concen: 4.046 ng/ul m
RT: 17.37 min Scan# 2598
Delta R.T. 0.09 min
Lab File: BP000230.D
Acq: 12 Sep 2019 21:47

Tgt Ion:278 Resp: 169927

Ion	Ratio	Lower	Upper
278	100		
139	23.0	15.1	22.7#
279	39.7	19.2	28.8#

Instrument :
BNA_P
ClientSampleId :
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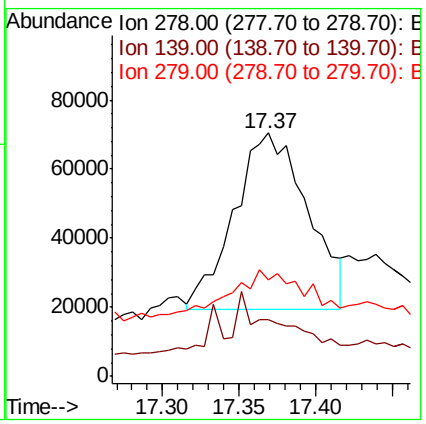

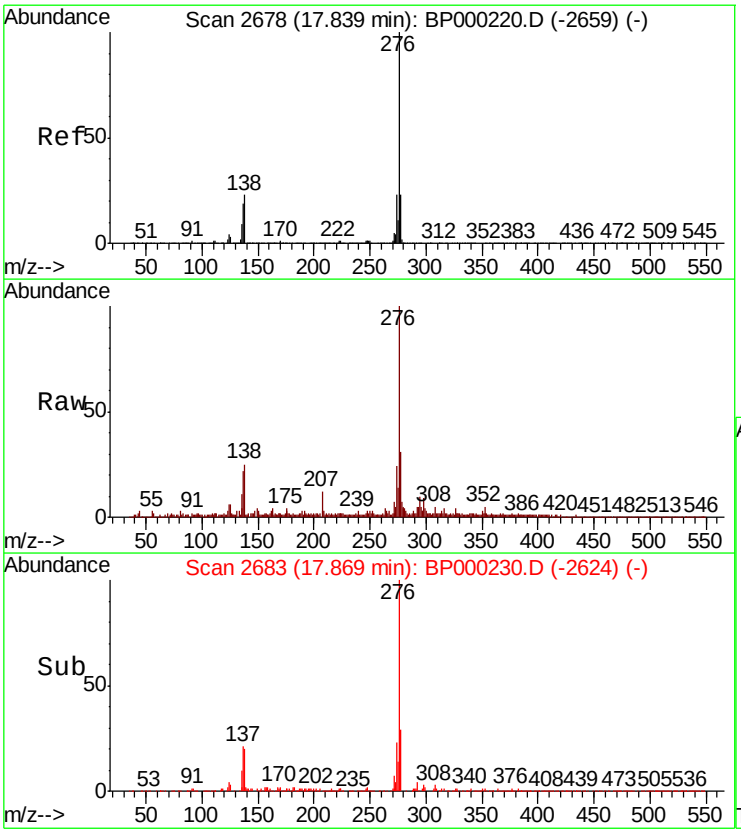

#94
Benzo(g,h,i)perylene
Concen: 18.916 ng/ul m
RT: 17.87 min Scan# 2683
Delta R.T. 0.15 min
Lab File: BP000230.D
Acq: 12 Sep 2019 21:47

Tgt Ion:276 Resp: 799810

Ion	Ratio	Lower	Upper
276	100		
138	24.7	20.0	30.0
277	30.8	19.1	28.7#