Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001867.D
Acq On : 24 Feb 2020 18:52
Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 25 11:15:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 25 05:55:24 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
CB6X1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	326910	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1408018	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	915109	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2040280	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1808927	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	1728783	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	46050	5.85	ng/uL	0.00
5) Phenol-d5	6.83	99	922223	37.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	515831	35.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	812360	40.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	696899	35.57	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	413135	43.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	465711	54.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	852484	41.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	1001892	41.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	2686791	41.84	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	3274936	41.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	453829	40.59	ng/ul	0.00
58) Fluorene-d10	15.29	176	2406205	41.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	366649	45.58	ng/ul	0.00
71) Anthracene-d10	17.14	188	3398745	37.81	ng/ul	0.00
79) Pyrene-d10	19.39	212	4082690	43.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	3685345	44.14	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.48	128	103711	1.378	ng/ul	99
45) Dimethylphthalate	13.75	163	86628	1.282	ng/ul	98
48) Acenaphthylene	14.00	152	135476	1.579	ng/ul	99
50) Acenaphthene	14.35	153	109482	1.868	ng/ul	97
54) Dibenzofuran	14.69	168	103399	1.252	ng/ul	99
59) Fluorene	15.34	166	118267	1.801	ng/ul	100
70) Phenanthrene	17.08	178	1895051	16.842	ng/ul	100
72) Anthracene	17.17	178	407534	3.667	ng/ul	99
75) Carbazole	17.44	167	163392	1.763	ng/ul	99
77) Fluoranthene	19.06	202	3124780m	25.934	ng/ul	
80) Pyrene	19.42	202	2671495	21.712	ng/ul	95
83) Benzo(a)anthracene	21.12	228	1519792	12.758	ng/ul	98
85) Chrysene	21.17	228	1447122	12.435	ng/ul	98
88) Benzo(b)fluoranthene	22.69	252	1887040	18.550	ng/ul	100
89) Benzo(k)fluoranthene	22.72	252	535369m	5.077	ng/ul	
91) Benzo(a)pyrene	23.25	252	1148686	12.049	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.58	276	850460	7.142	ng/ul#	95
93) Dibenzo(a,h)anthracene	25.59	278	227409	2.274	ng/ul#	95
94) Benzo(g,h,i)perylene	26.26	276	685550	6.772	ng/ul	97

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

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
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ClientSampleId :
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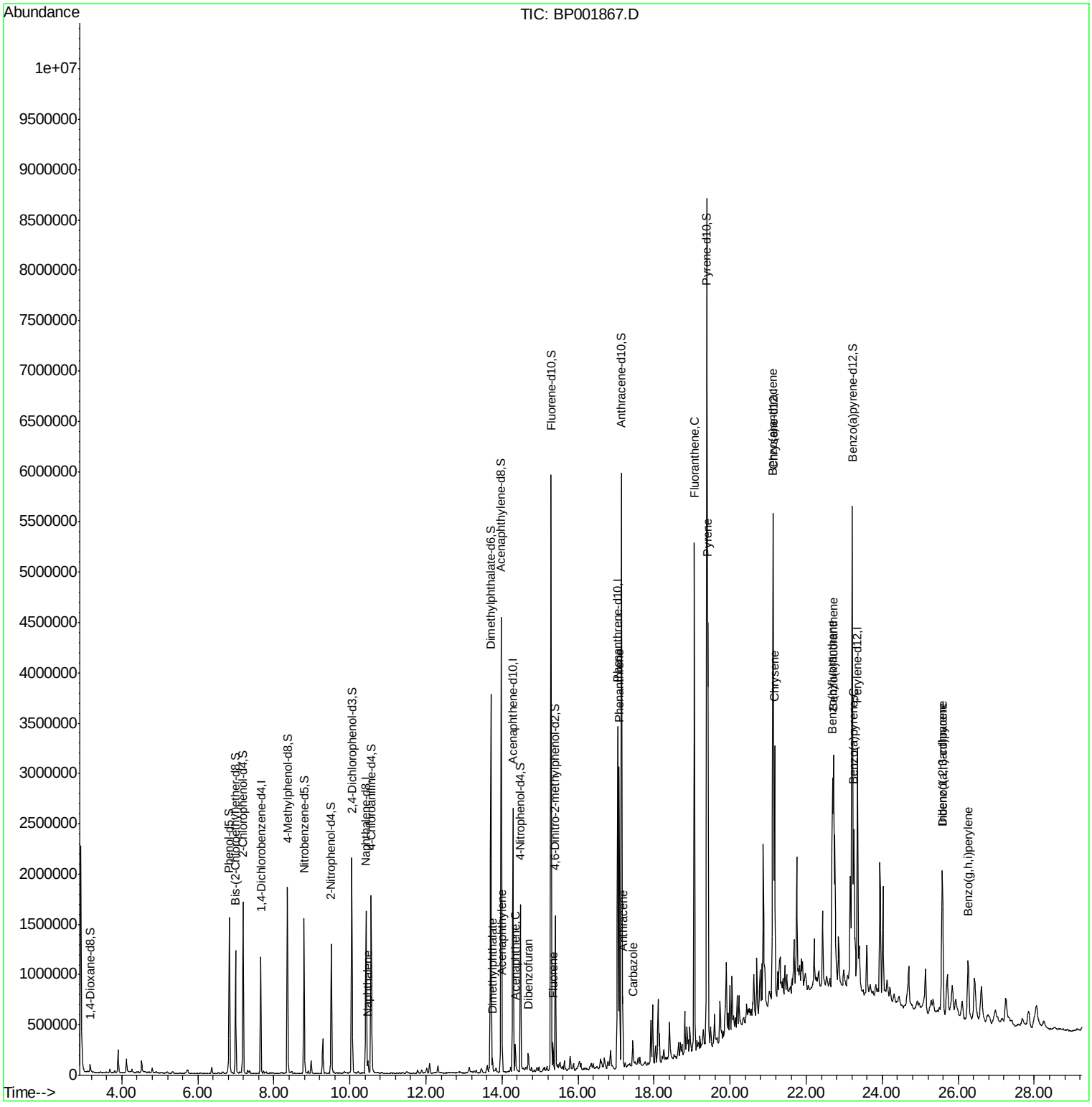
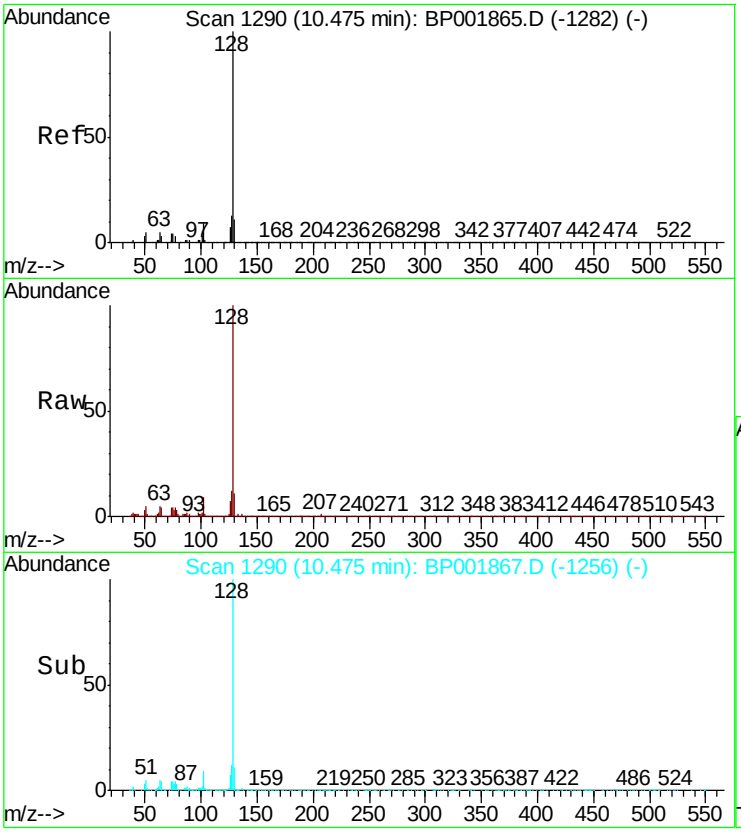
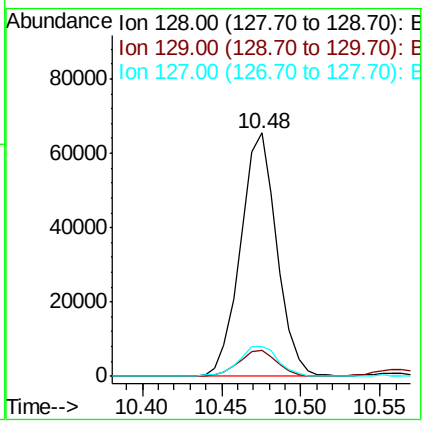




#28
Naphthalene
Concen: 1.378 ng/ul
RT: 10.48 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BP001867.D
Acq: 24 Feb 2020 18:52

Tgt Ion:128 Resp: 103711

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	12.3	10.2	15.4



Instrument :
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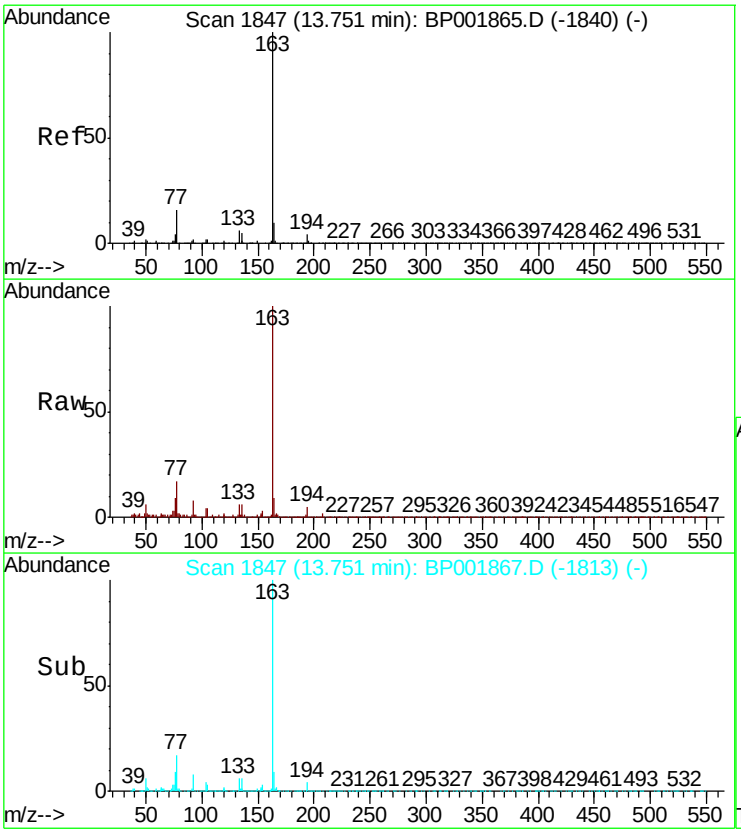
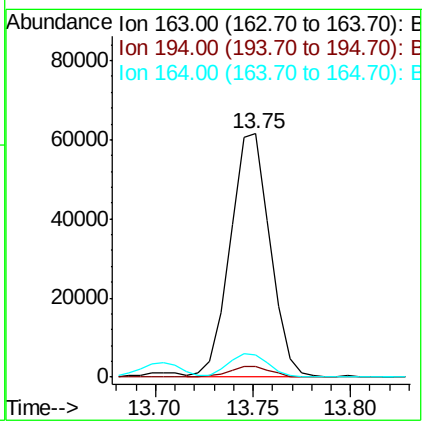
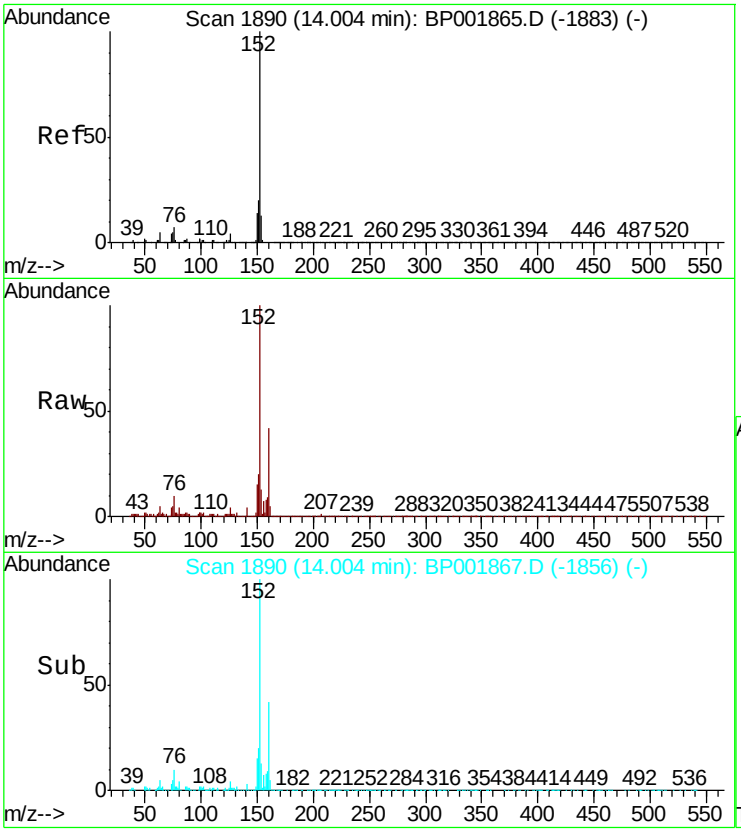


#45
Dimethylphthalate
Concen: 1.282 ng/ul
RT: 13.75 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BP001867.D
Acq: 24 Feb 2020 18:52

Tgt Ion:163 Resp: 86628

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	9.0	8.0	12.0

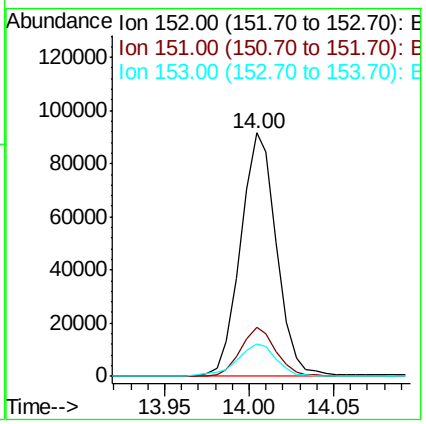




#48
Acenaphthylene
Concen: 1.579 ng/ul
RT: 14.00 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BP001867.D
Acq: 24 Feb 2020 18:52

Tgt Ion:152 Resp: 135476

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.4	10.7	16.1



Instrument :
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ClientSampleId :
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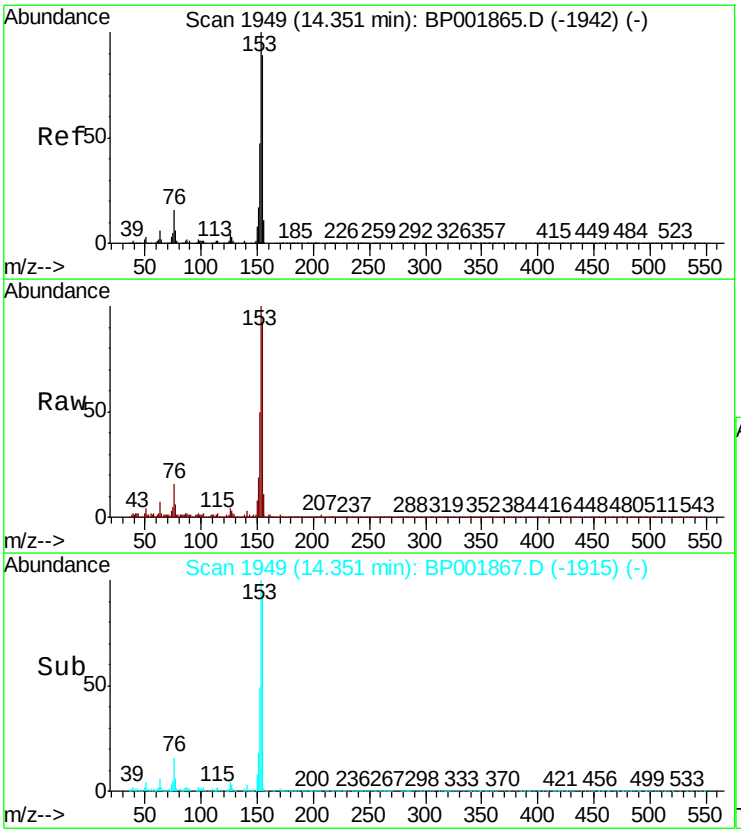
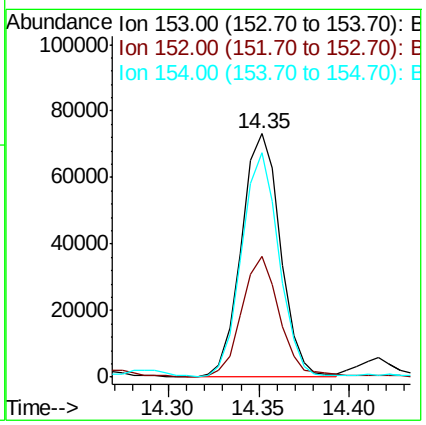
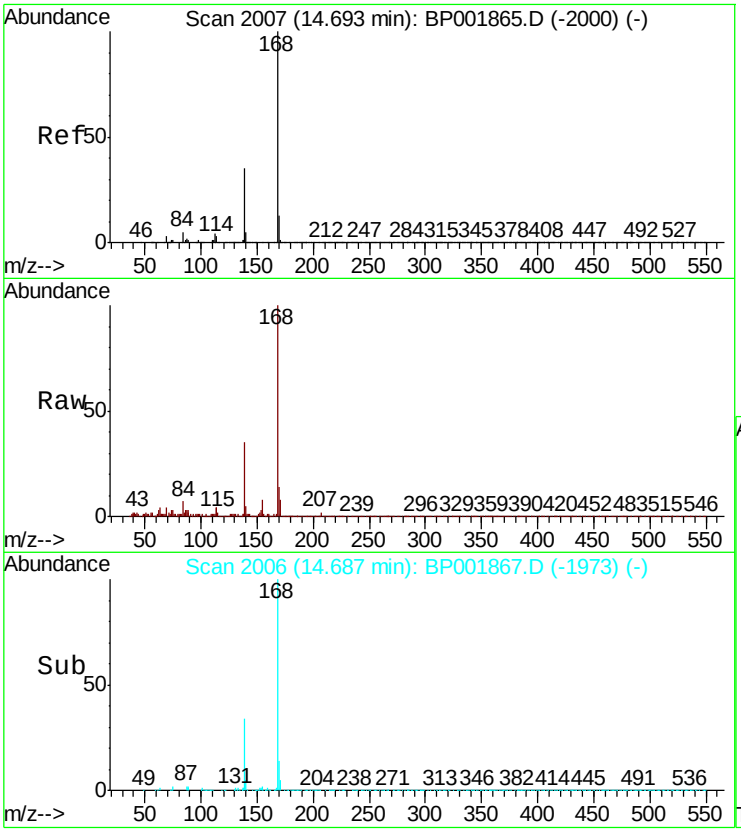


#50
Acenaphthene
Concen: 1.868 ng/ul
RT: 14.35 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BP001867.D
Acq: 24 Feb 2020 18:52

Tgt Ion:153 Resp: 109482

Ion	Ratio	Lower	Upper
153	100		
152	49.7	37.8	56.8
154	92.0	71.9	107.9

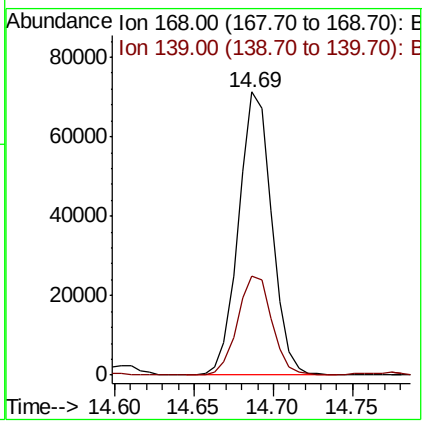




#54
Dibenzofuran
Concen: 1.252 ng/ul
RT: 14.69 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BP001867.D
Acq: 24 Feb 2020 18:52

Tgt Ion:168 Resp: 103399

Ion	Ratio	Lower	Upper
168	100		
139	35.0	28.6	43.0



Instrument :
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ClientSampleId :
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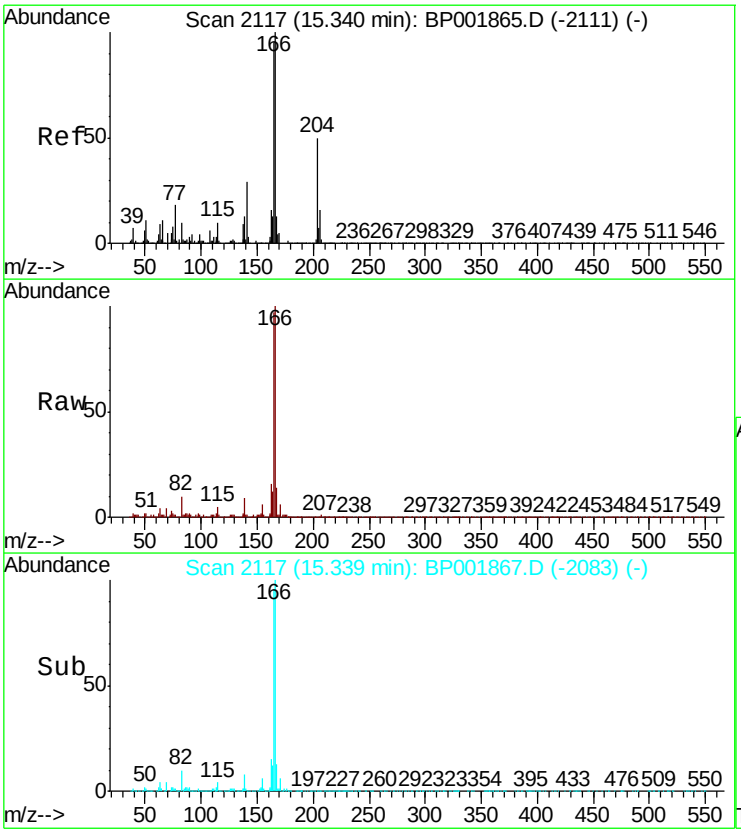
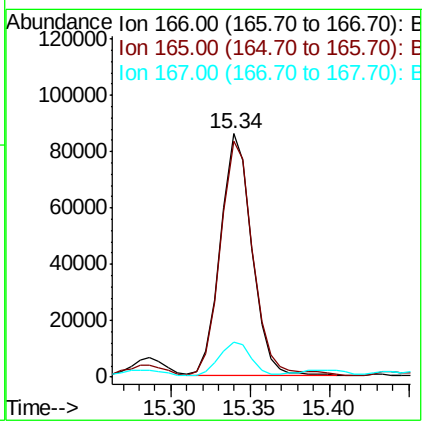
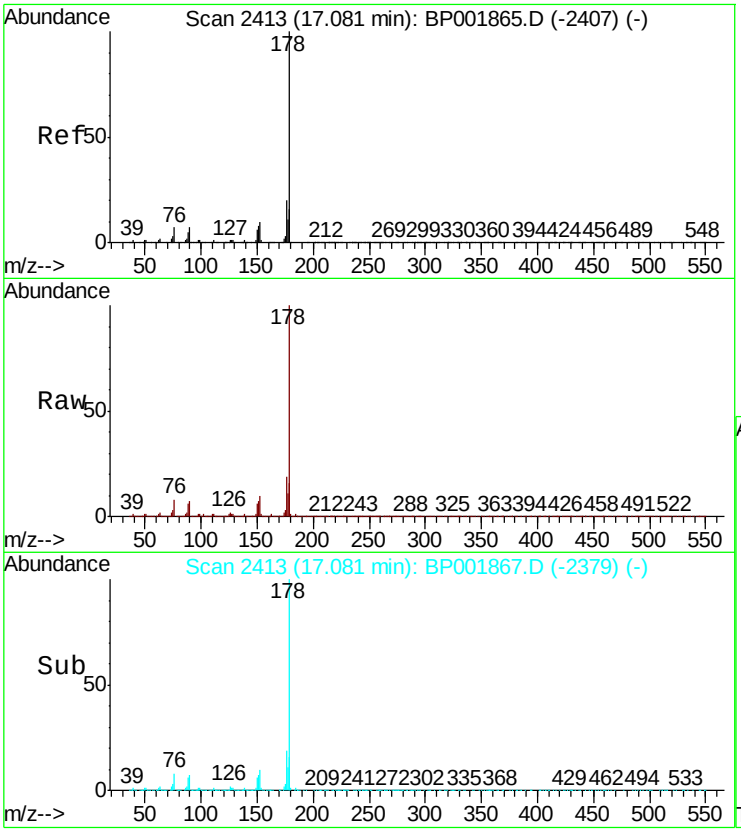


#59
Fluorene
Concen: 1.801 ng/ul
RT: 15.34 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BP001867.D
Acq: 24 Feb 2020 18:52

Tgt Ion:166 Resp: 118267

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.3	115.9
167	14.2	11.0	16.6

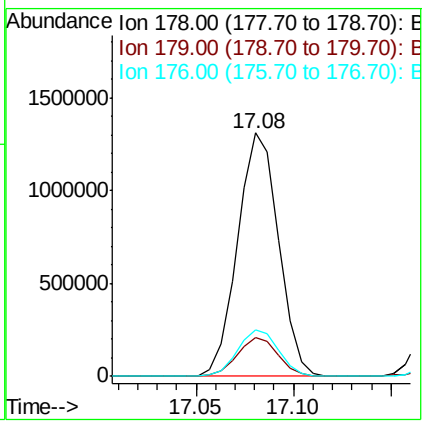




#70
Phenanthrene
Concen: 16.842 ng/ul
RT: 17.08 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BP001867.D
Acq: 24 Feb 2020 18:52

Tgt Ion:178 Resp: 1895051

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.1	15.3	22.9



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ClientSampleId :
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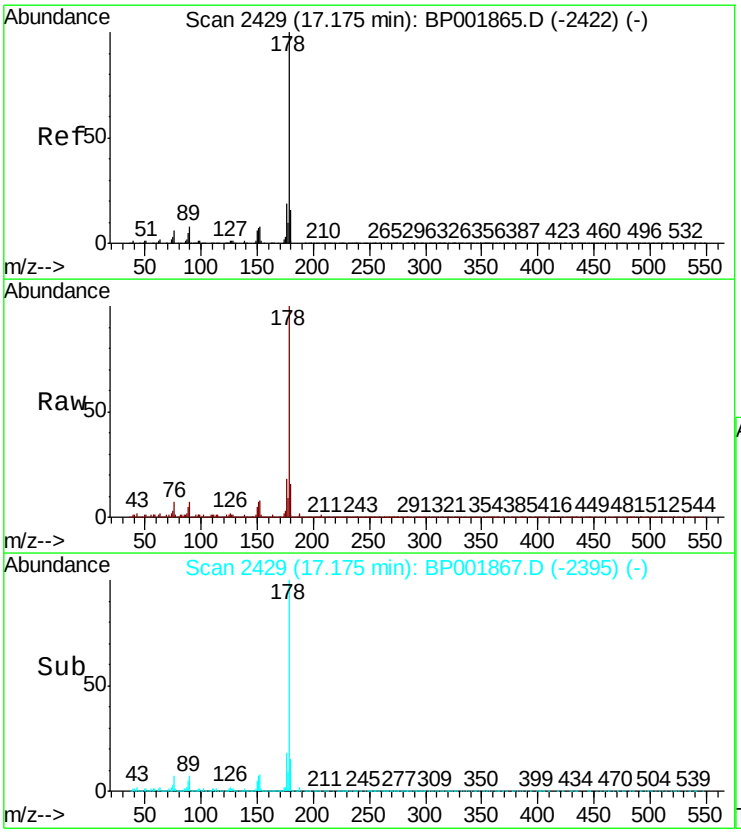
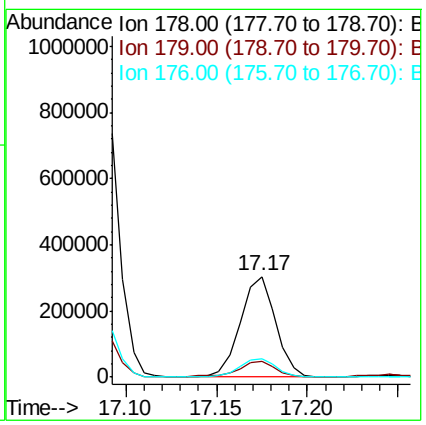
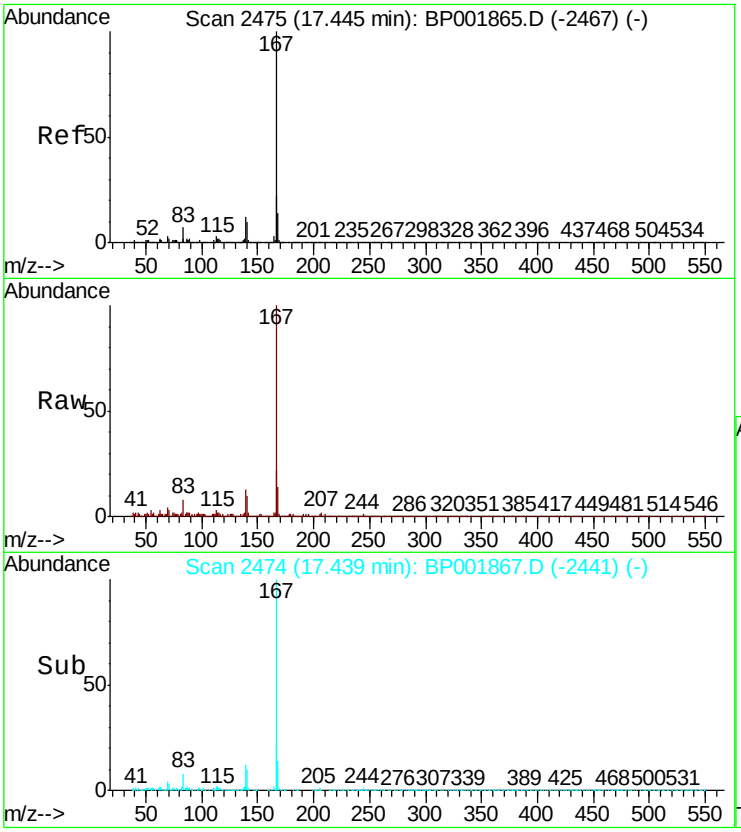


#72
Anthracene
Concen: 3.667 ng/ul
RT: 17.17 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BP001867.D
Acq: 24 Feb 2020 18:52

Tgt Ion:178 Resp: 407534

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	18.0	14.8	22.2

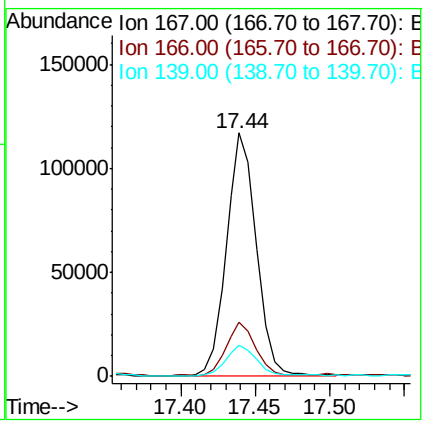




#75
Carbazole
Concen: 1.763 ng/ul
RT: 17.44 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BP001867.D
Acq: 24 Feb 2020 18:52

Tgt Ion:167 Resp: 163392

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.1	25.7
139	13.0	10.2	15.2



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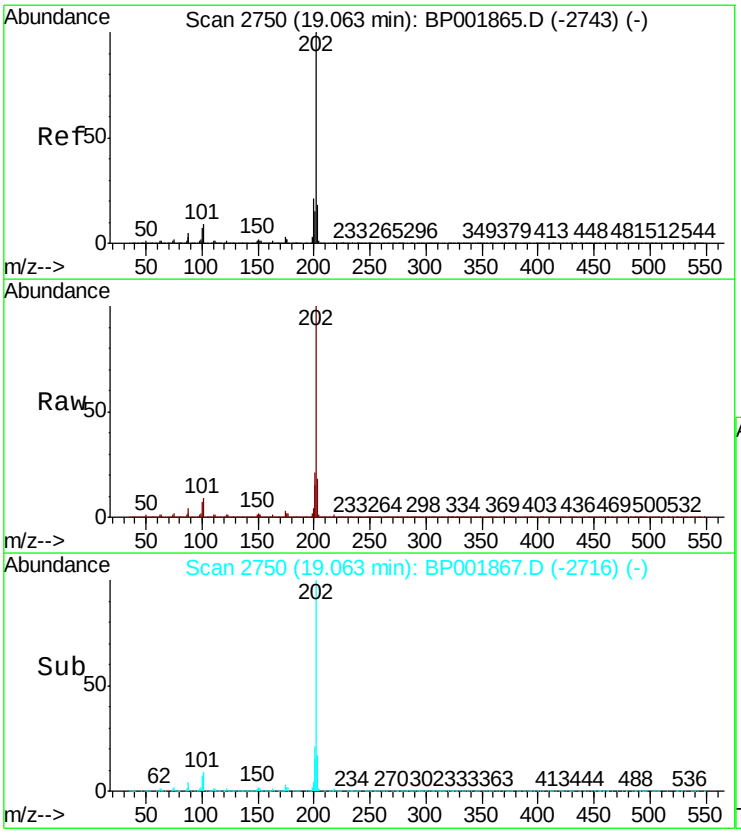
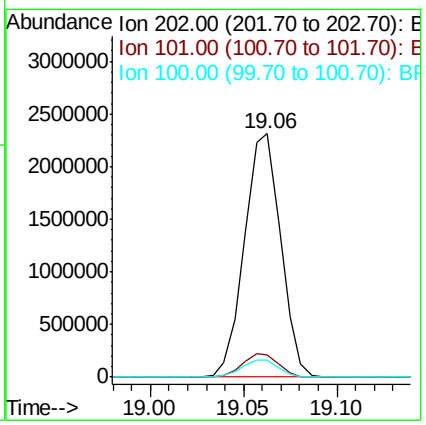
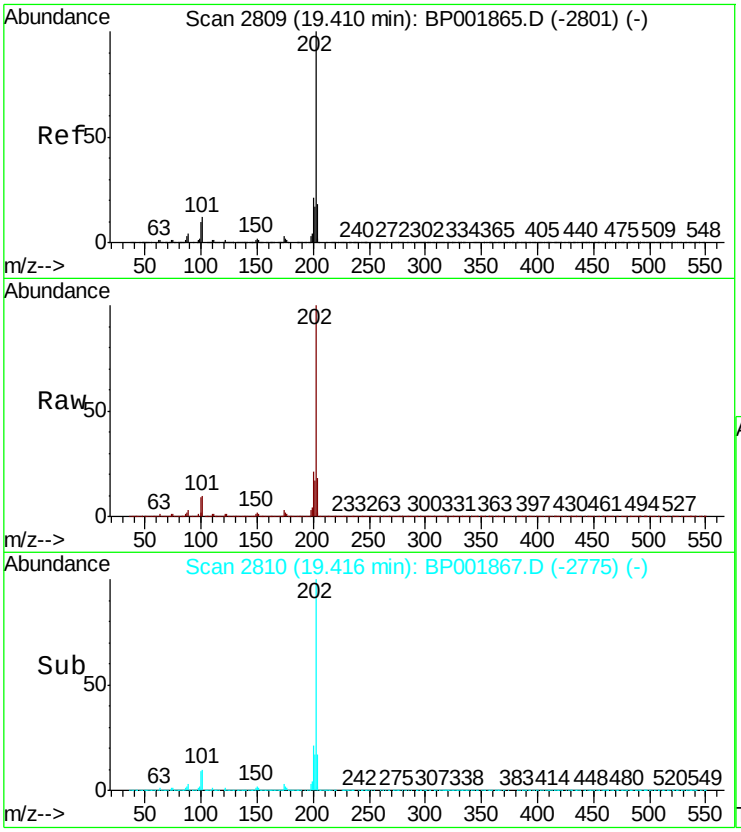


#77
Fluoranthene
Concen: 25.934 ng/ul m
RT: 19.06 min Scan# 2750
Delta R.T. -0.00 min
Lab File: BP001867.D
Acq: 24 Feb 2020 18:52

Tgt Ion:202 Resp: 3124780

Ion	Ratio	Lower	Upper
202	100		
101	9.0	9.1	13.7#
100	6.8	6.6	9.8

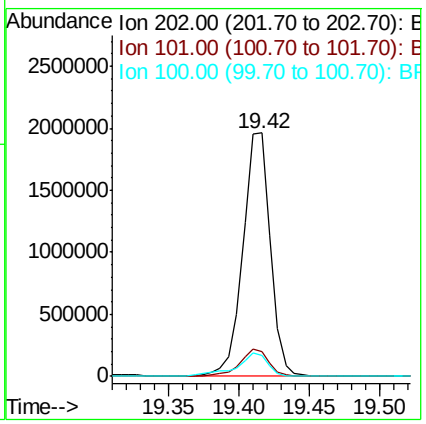




#80
Pyrene
Concen: 21.712 ng/ul
RT: 19.42 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BP001867.D
Acq: 24 Feb 2020 18:52

Tgt Ion:202 Resp: 2671495

Ion	Ratio	Lower	Upper
202	100		
101	10.4	10.2	15.2
100	8.5	8.2	12.2



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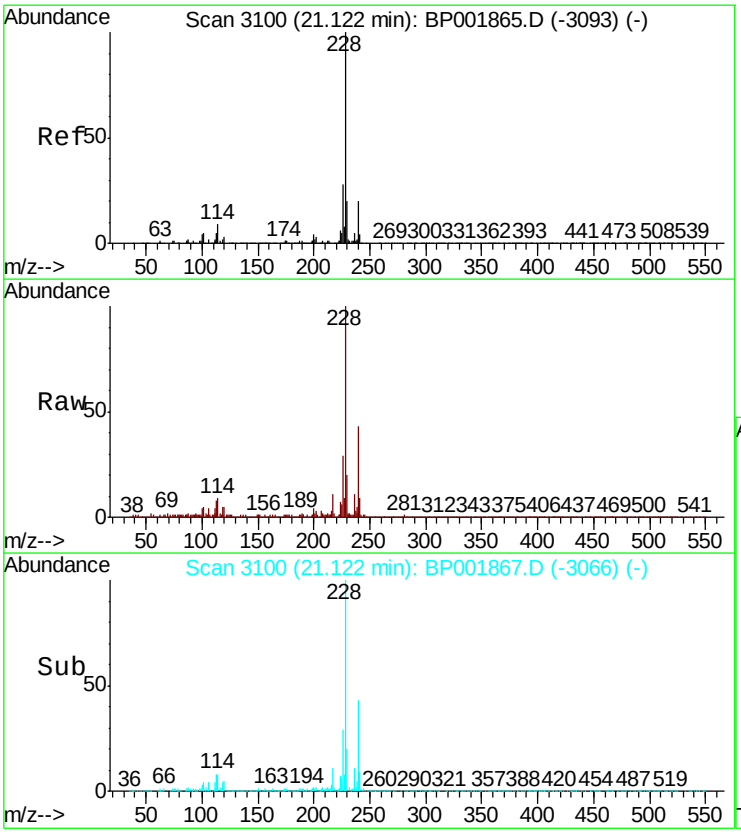
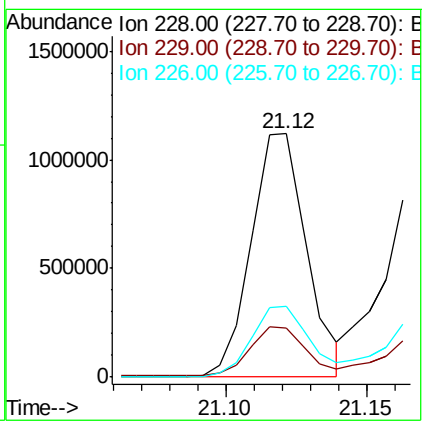
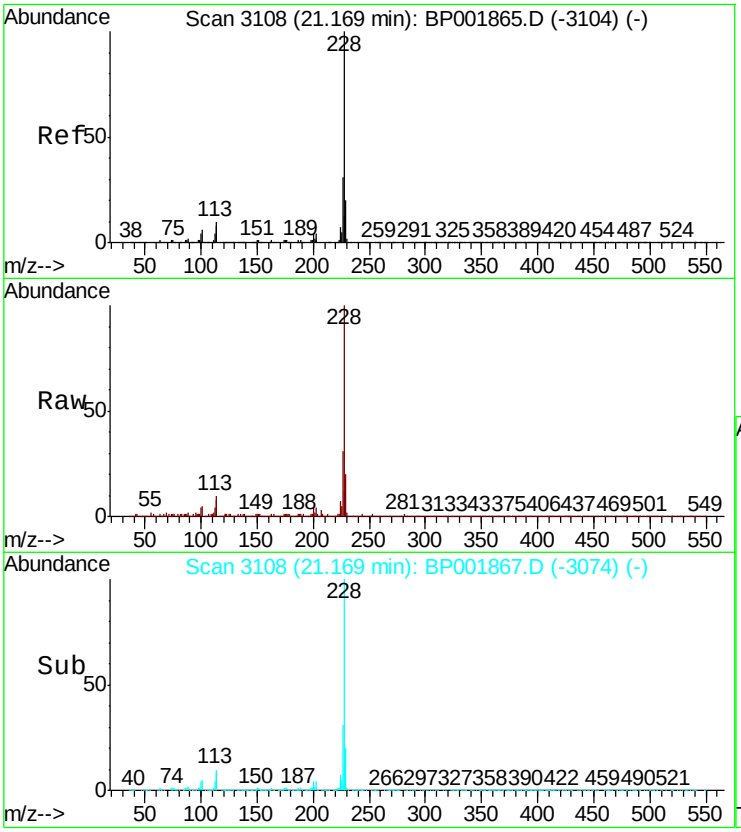


#83
Benzo(a)anthracene
Concen: 12.758 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. -0.00 min
Lab File: BP001867.D
Acq: 24 Feb 2020 18:52

Tgt Ion:228 Resp: 1519792

Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.2	24.4
226	29.1	22.0	33.0

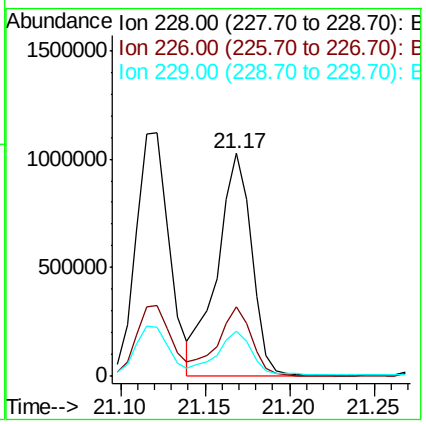




#85
Chrysene
Concen: 12.435 ng/ul
RT: 21.17 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BP001867.D
Acq: 24 Feb 2020 18:52

Tgt Ion:228 Resp: 1447122

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.2
229	20.4	15.7	23.5



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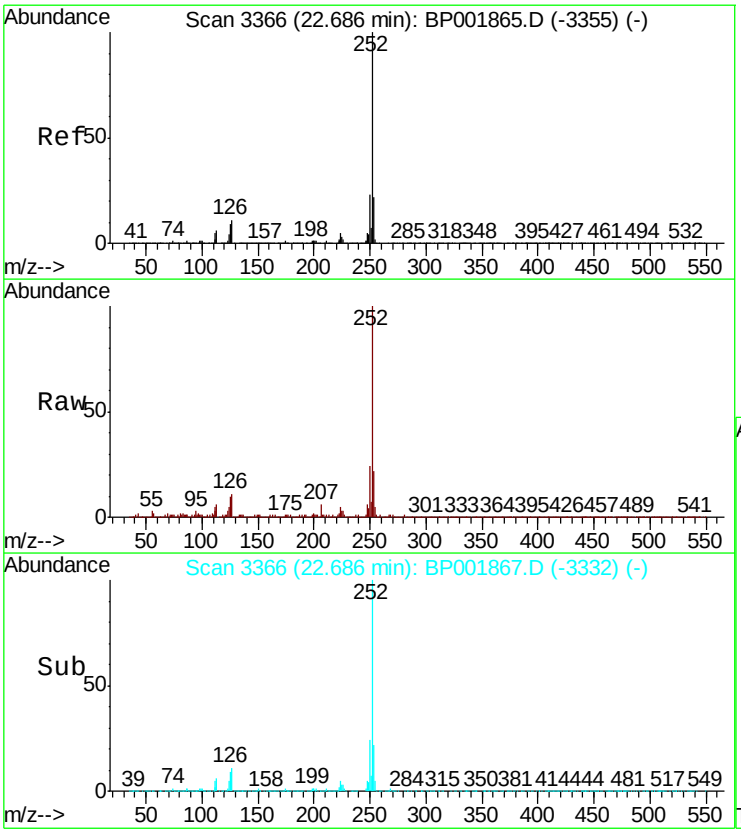
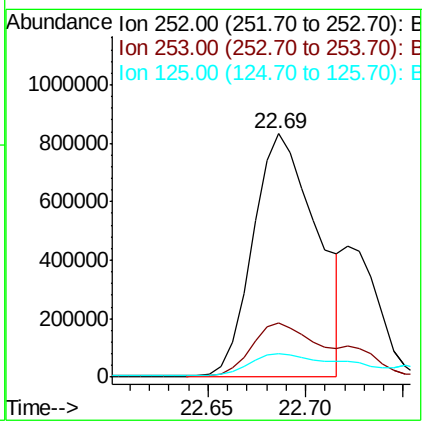
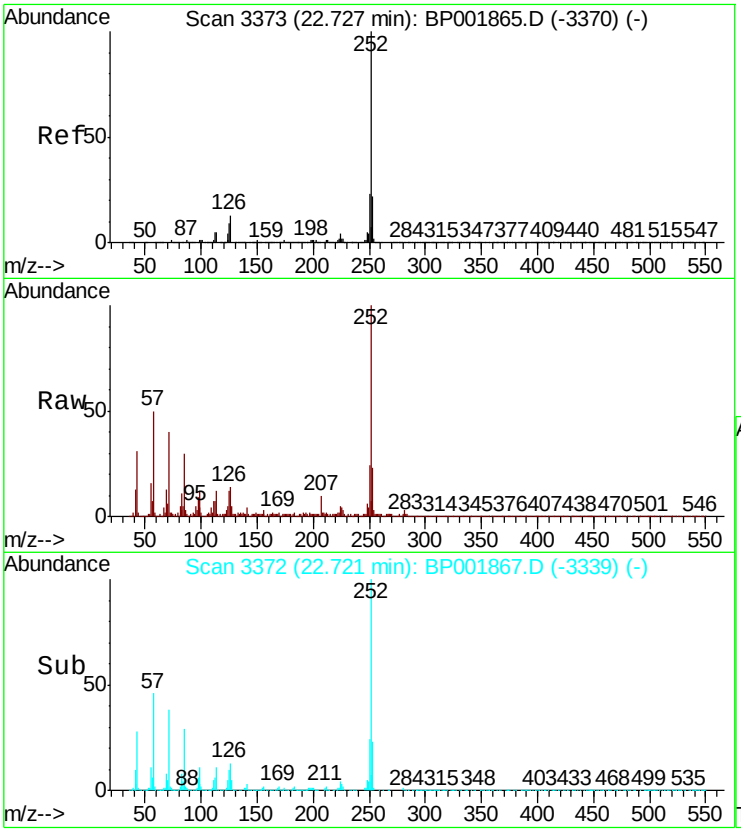


#88
Benzo(b)fluoranthene
Concen: 18.550 ng/ul
RT: 22.69 min Scan# 3366
Delta R.T. -0.00 min
Lab File: BP001867.D
Acq: 24 Feb 2020 18:52

Tgt Ion:252 Resp: 1887040

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.8	7.8	11.6

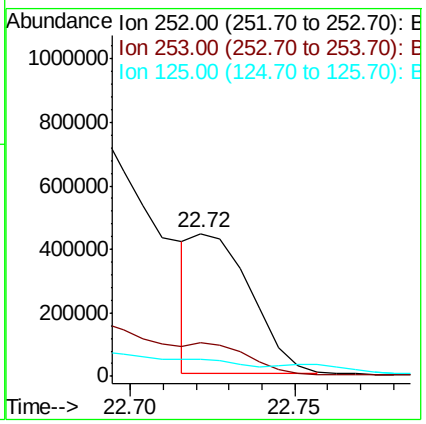




#89
Benzo(k)fluoranthene
Concen: 5.077 ng/ul m
RT: 22.72 min Scan# 3372
Delta R.T. -0.01 min
Lab File: BP001867.D
Acq: 24 Feb 2020 18:52

Tgt Ion:252 Resp: 535369

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	11.6	8.0	12.0



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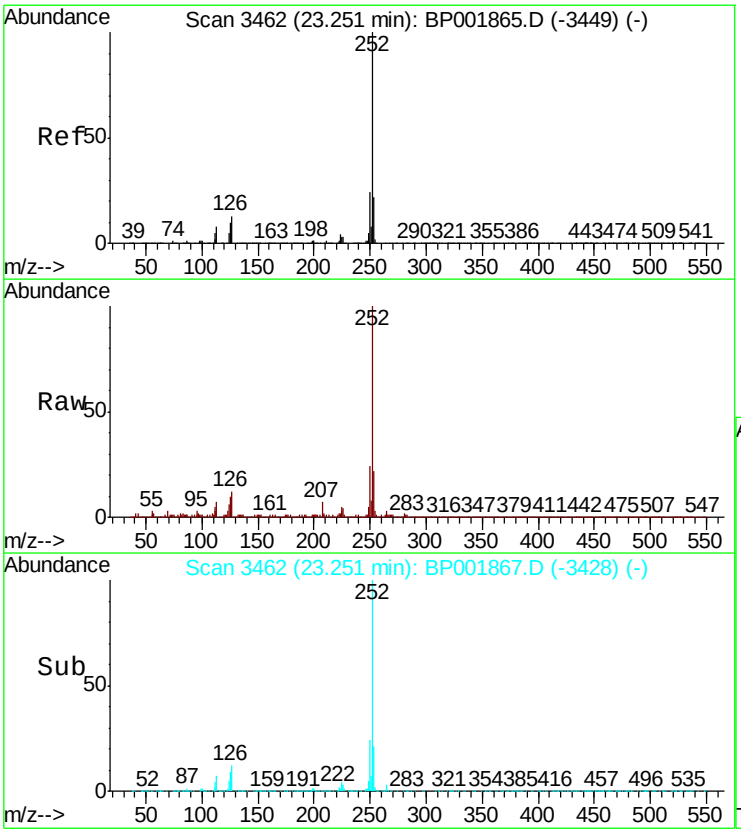
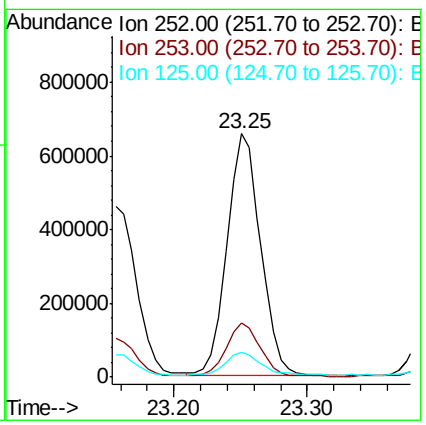
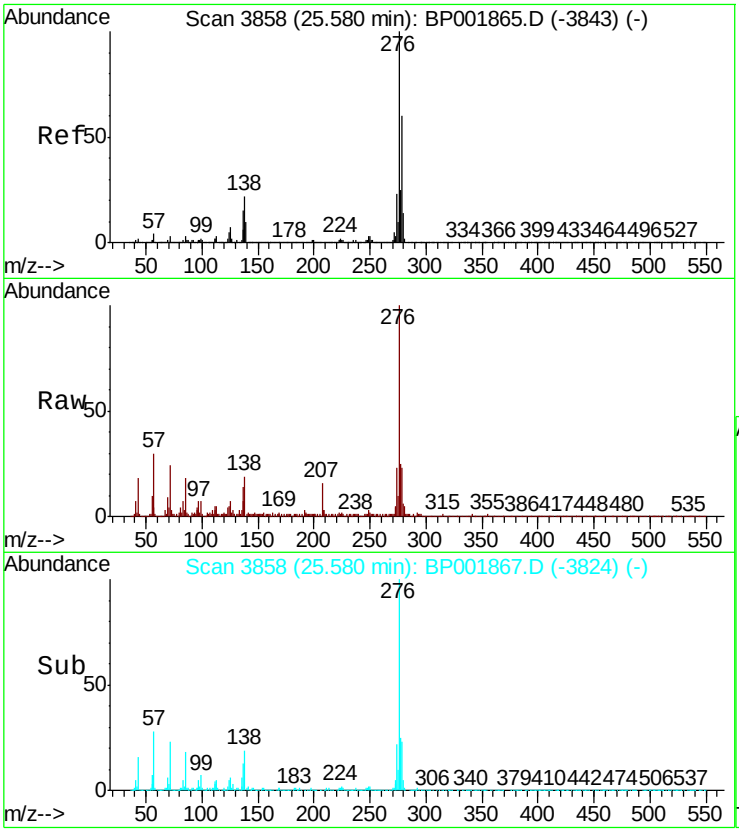


#91
Benzo(a)pyrene
Concen: 12.049 ng/ul
RT: 23.25 min Scan# 3462
Delta R.T. -0.00 min
Lab File: BP001867.D
Acq: 24 Feb 2020 18:52

Tgt Ion:252 Resp: 1148686

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.4	8.3	12.5

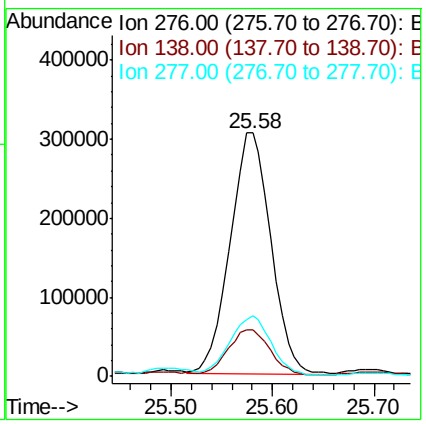




#92
Indeno(1,2,3-cd)pyrene
Concen: 7.142 ng/ul
RT: 25.58 min Scan# 3858
Delta R.T. -0.00 min
Lab File: BP001867.D
Acq: 24 Feb 2020 18:52

Tgt Ion:276 Resp: 850460

Ion	Ratio	Lower	Upper
276	100		
138	19.1	19.3	28.9#
277	24.8	20.0	30.0



Instrument :
BNA_P
ClientSampleId :
CB6X1

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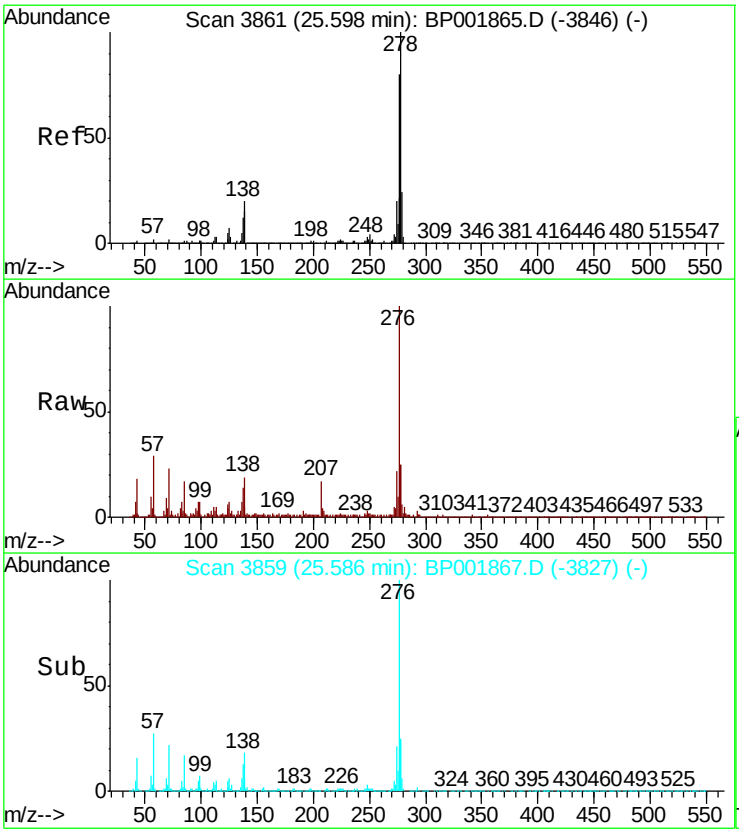
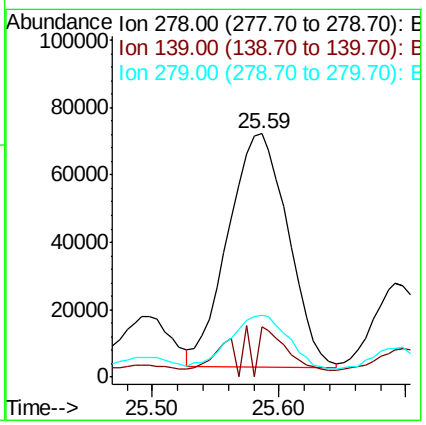
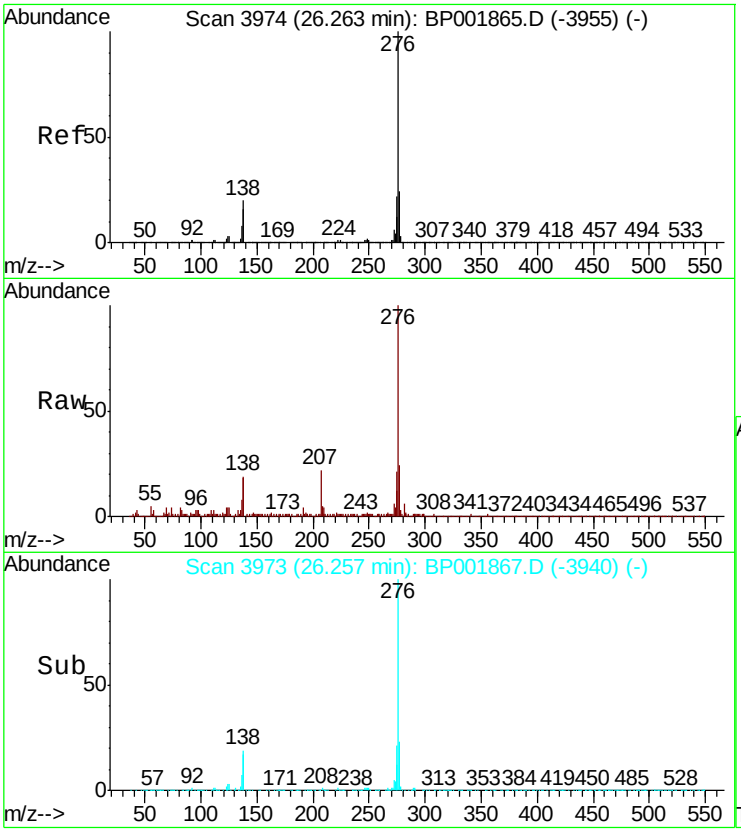


#93
Dibenzo(a,h)anthracene
Concen: 2.274 ng/ul
RT: 25.59 min Scan# 3859
Delta R.T. -0.01 min
Lab File: BP001867.D
Acq: 24 Feb 2020 18:52

Tgt Ion:278 Resp: 227409

Ion	Ratio	Lower	Upper
278	100		
139	20.7	13.3	19.9#
279	25.2	19.3	28.9

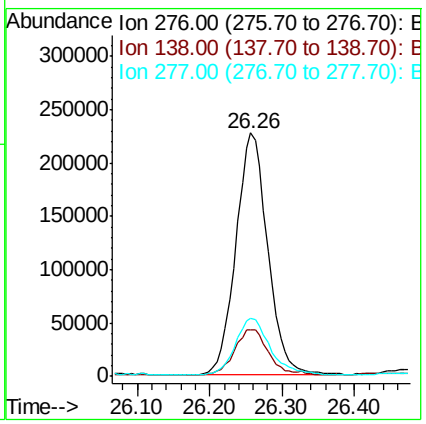




#94
Benzo(g,h,i)perylene
Concen: 6.772 ng/ul
RT: 26.26 min Scan# 3973
Delta R.T. -0.01 min
Lab File: BP001867.D
Acq: 24 Feb 2020 18:52

Tgt Ion:276 Resp: 685550

Ion	Ratio	Lower	Upper
276	100		
138	19.3	17.7	26.5
277	24.0	18.8	28.2



Instrument :
BNA_P
ClientSampleId :
CB6X1

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