Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001929.D
Acq On : 26 Feb 2020 18:02
Operator : CG/JU
Sample : L1543-19
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Feb 27 03:14:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 05:53:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	360421	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1533780	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	990956	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2238411	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2263036	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2159970	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	32149	3.70	ng/uL	0.00
5) Phenol-d5	6.83	99	600587	22.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	346848	21.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	534884	24.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	464403	21.50	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	264439	25.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	287101	30.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	572826	25.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	574147	21.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1814904	26.10	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	2183581	25.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	261828	21.62	ng/ul	0.00
58) Fluorene-d10	15.28	176	1646209	26.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	202057	22.90	ng/ul	0.00
71) Anthracene-d10	17.14	188	2582412	26.19	ng/ul	0.00
79) Pyrene-d10	19.38	212	2966743	25.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	2901526	27.81	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.47	128	91666	1.118	ng/ul	99
34) 2-Methylnaphthalene	12.09	142	168103	2.975	ng/ul	100
45) Dimethylphthalate	13.75	163	191340	2.614	ng/ul	99
54) Dibenzofuran	14.69	168	357065	3.994	ng/ul	100
59) Fluorene	15.34	166	731427	10.285	ng/ul	99
70) Phenanthrene	17.08	178	2066762	16.742	ng/ul	100
72) Anthracene	17.08	178	2066762	16.949	ng/ul	99
75) Carbazole	17.45	167	4284874	42.136	ng/ul	99
77) Fluoranthene	19.06	202	815286	6.168	ng/ul	96
80) Pyrene	19.41	202	1098707	7.138	ng/ul	96
83) Benzo(a)anthracene	21.12	228	1057096	7.093	ng/ul	98
85) Chrysene	21.17	228	1923564	13.212	ng/ul	98
88) Benzo(b)fluoranthene	22.69	252	3702449	29.131	ng/ul	98
89) Benzo(k)fluoranthene	22.72	252	1038247	7.881	ng/ul	98
91) Benzo(a)pyrene	23.25	252	1073003	9.008	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.57	276	892709	6.000	ng/ul	95
93) Dibenzo(a,h)anthracene	25.58	278	253815	2.031	ng/ul#	81
94) Benzo(g,h,i)perylene	26.25	276	550562	4.353	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001929.D
Acq On : 26 Feb 2020 18:02
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Instrument :
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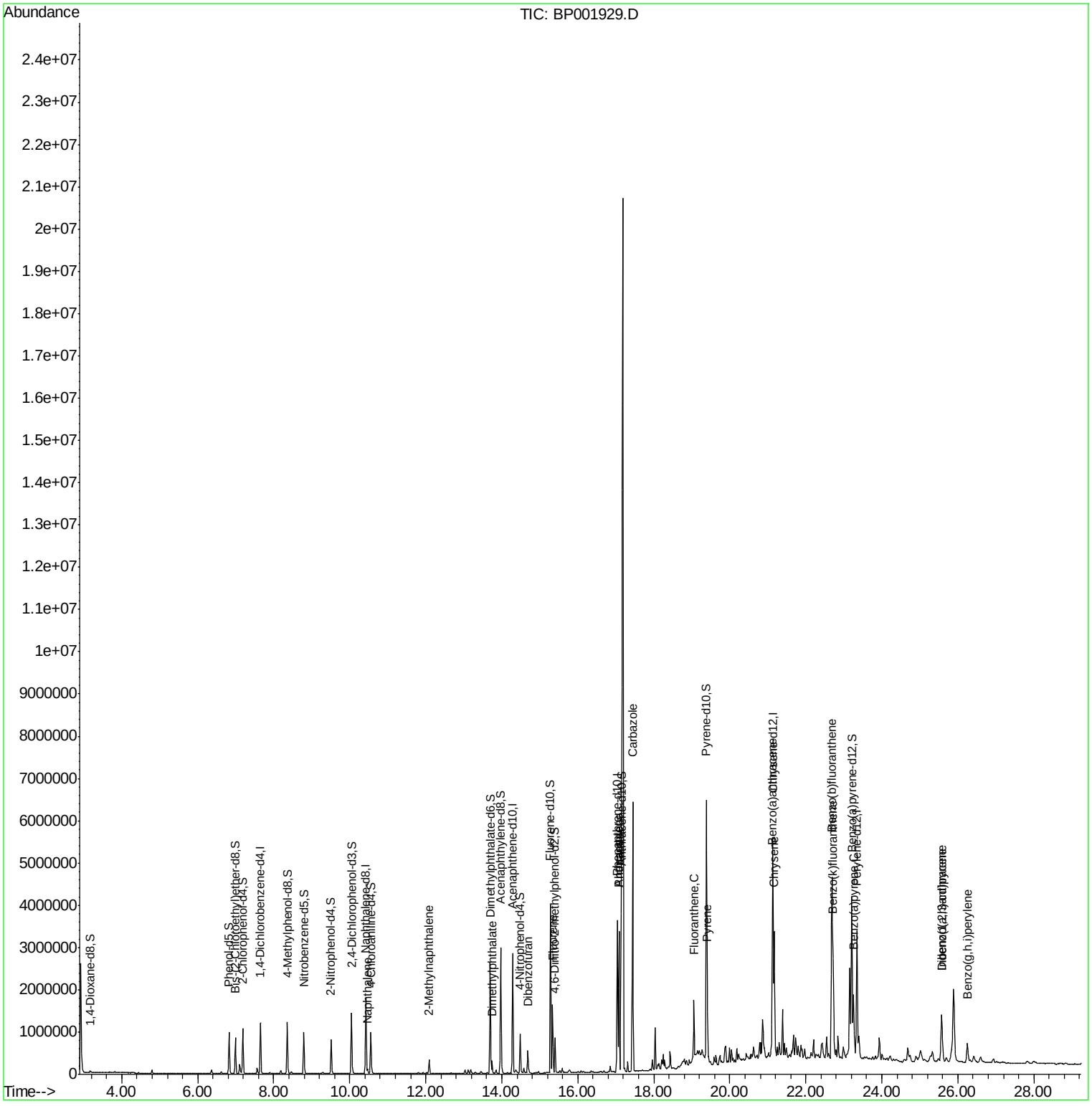
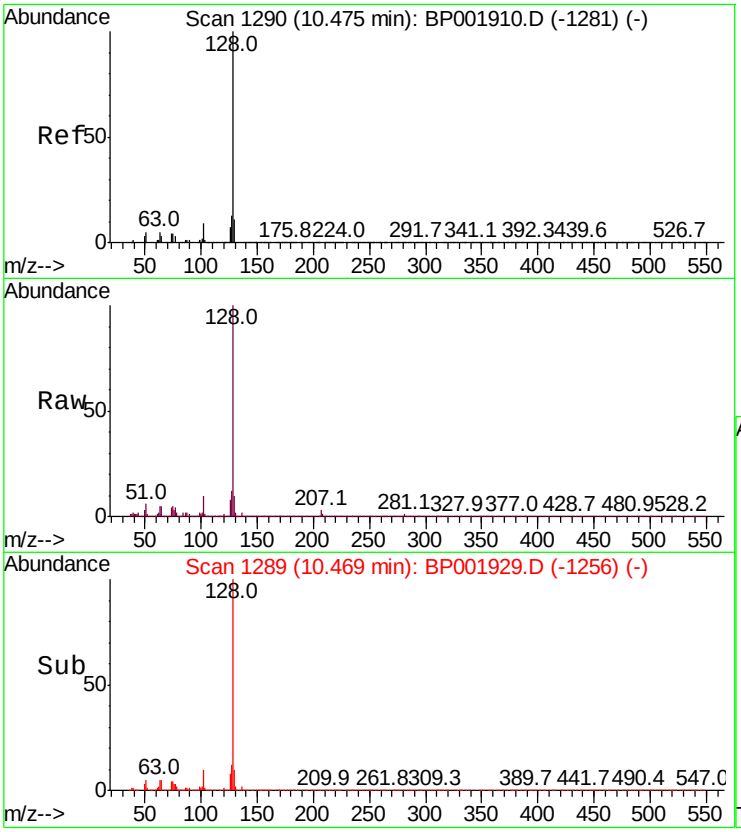
ClientSampleId :

Quant Time: Feb 27 03:14:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 05:53:41 2020
Response via : Initial Calibration



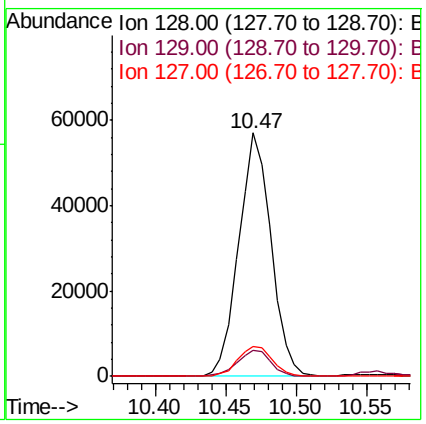


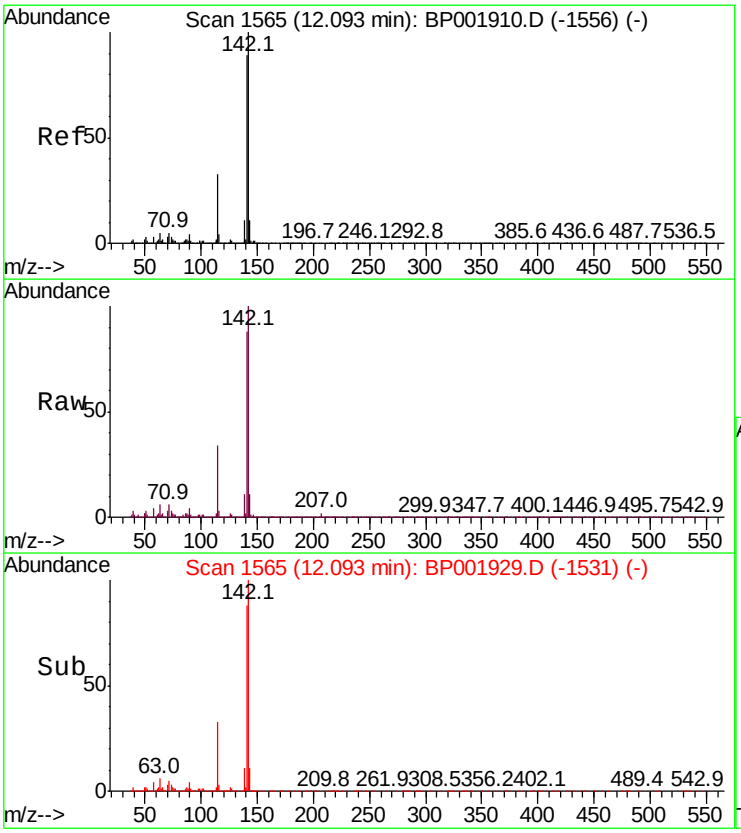
#28
Naphthalene
Concen: 1.118 ng/ul
RT: 10.47 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BP001929.D
Acq: 26 Feb 2020 18:02

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:128 Resp: 91666

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.7	13.1
127	12.1	10.2	15.4

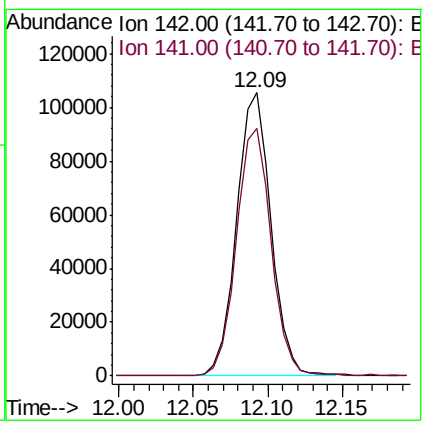


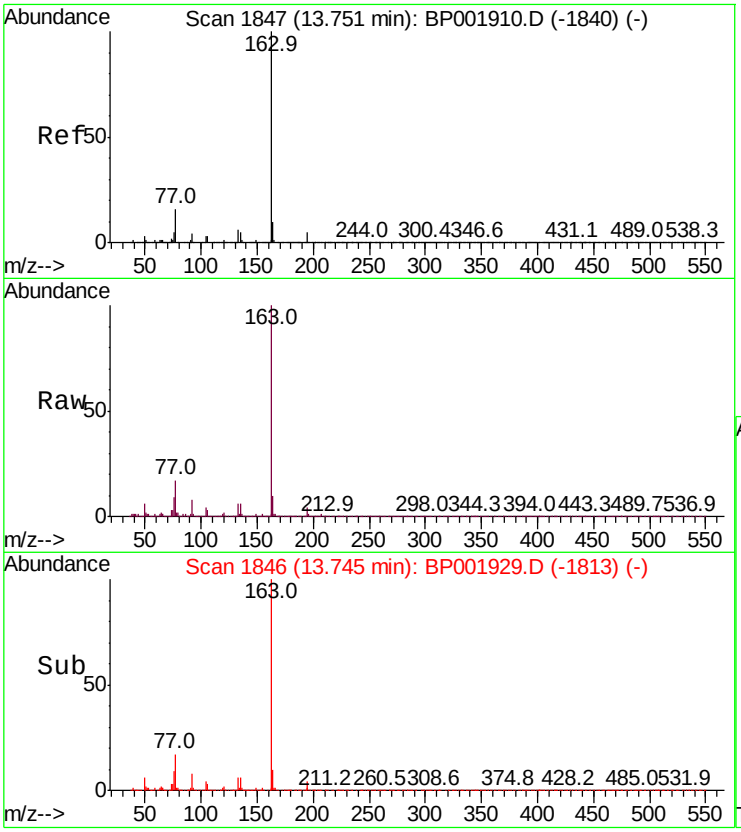


#34
2-Methylnaphthalene
Concen: 2.975 ng/ul
RT: 12.09 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BP001929.D
Acq: 26 Feb 2020 18:02

Tgt Ion:142 Resp: 168103

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.2	105.4



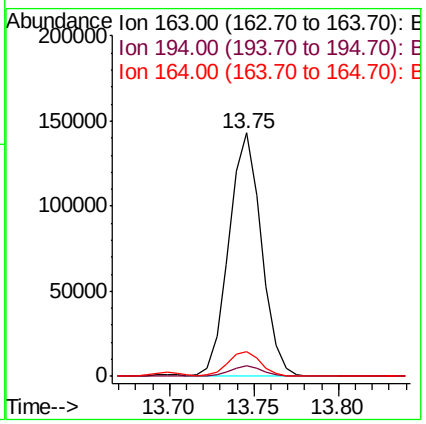


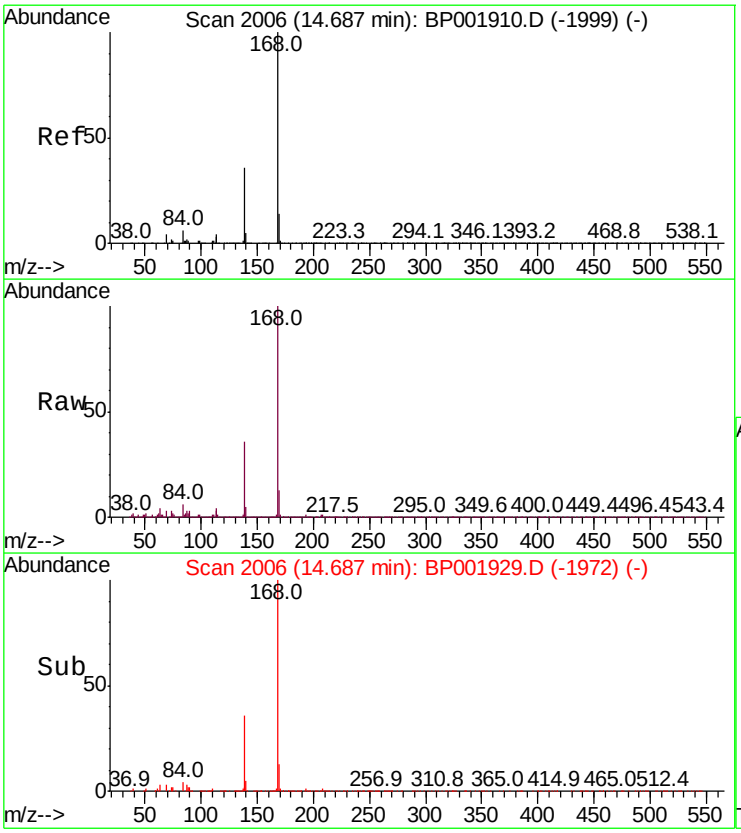
#45
Dimethylphthalate
Concen: 2.614 ng/ul
RT: 13.75 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BP001929.D
Acq: 26 Feb 2020 18:02

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 191340

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.2	8.0	12.0

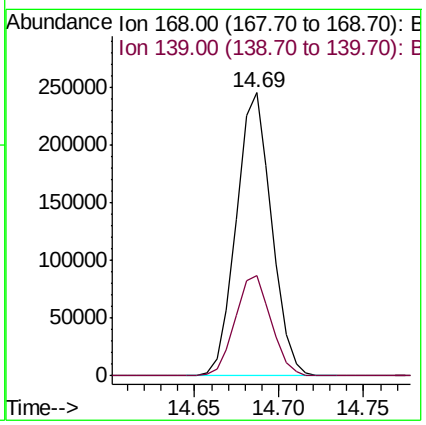


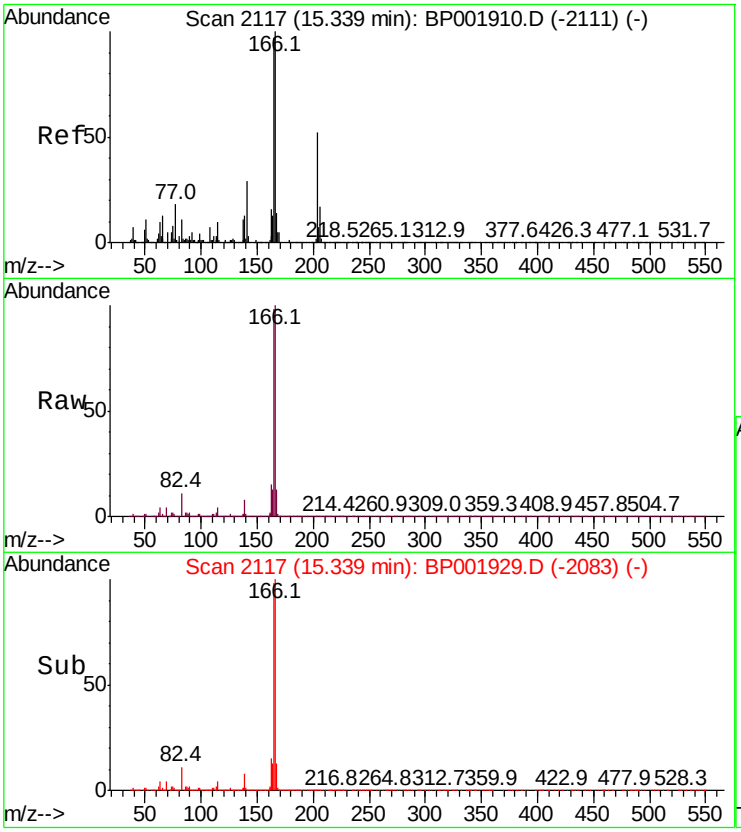


#54
Dibenzofuran
Concen: 3.994 ng/ul
RT: 14.69 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BP001929.D
Acq: 26 Feb 2020 18:02

Tgt Ion:168 Resp: 357065

Ion	Ratio	Lower	Upper
168	100		
139	35.7	28.6	43.0



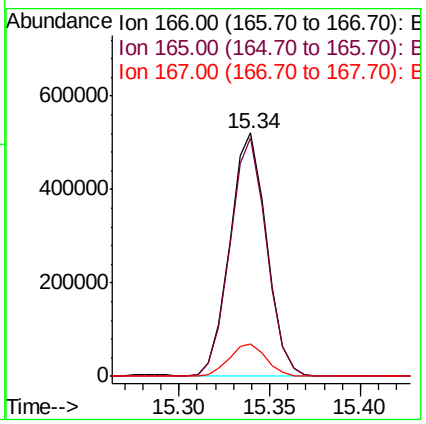


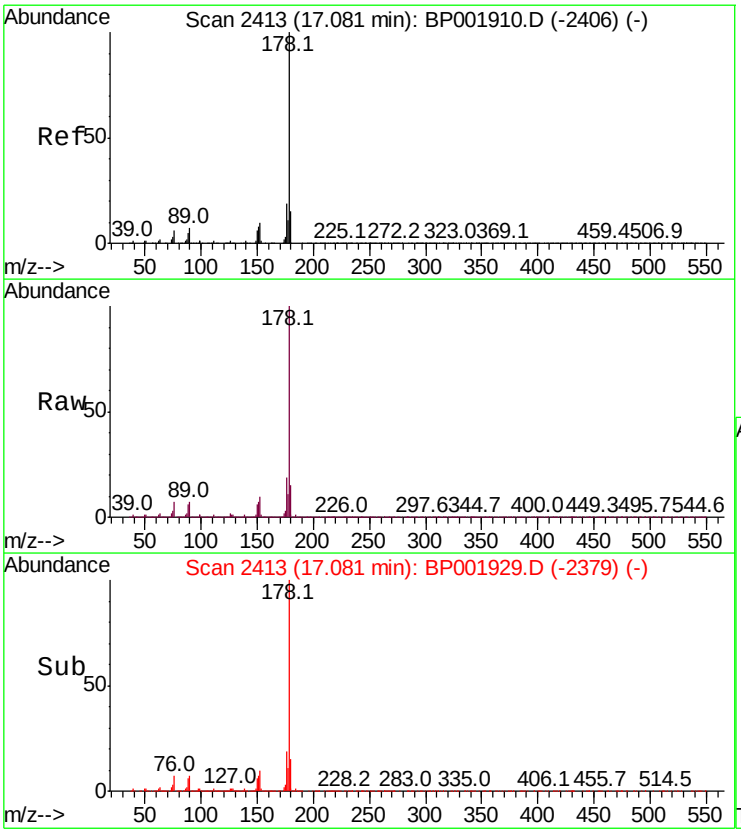
#59
Fluorene
Concen: 10.285 ng/ul
RT: 15.34 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BP001929.D
Acq: 26 Feb 2020 18:02

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:166 Resp: 731427

Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.3	115.9
167	13.5	11.0	16.6

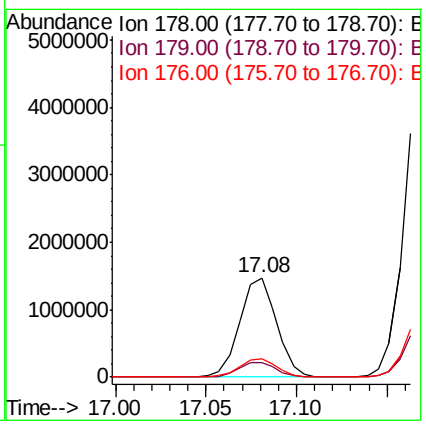


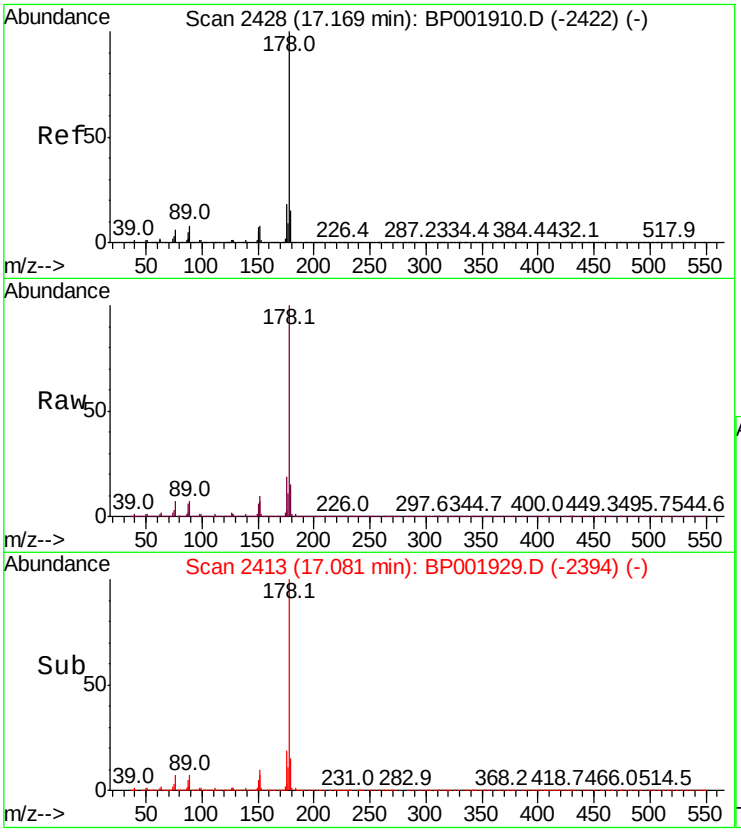


#70
Phenanthrene
Concen: 16.742 ng/ul
RT: 17.08 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BP001929.D
Acq: 26 Feb 2020 18:02

Tgt Ion:178 Resp: 2066762

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	19.0	15.3	22.9



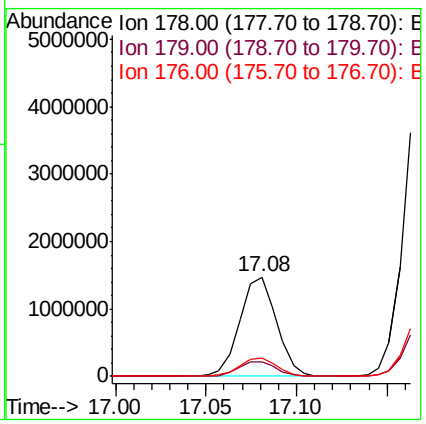


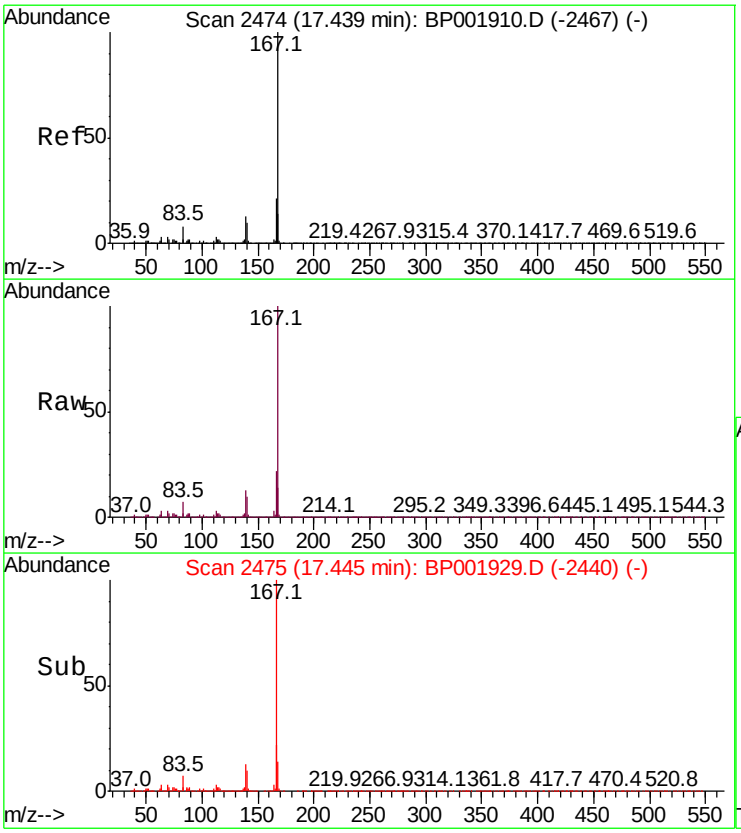
#72
Anthracene
Concen: 16.949 ng/ul
RT: 17.08 min Scan# 2413
Delta R.T. -0.09 min
Lab File: BP001929.D
Acq: 26 Feb 2020 18:02

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 2066762

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	19.0	14.8	22.2

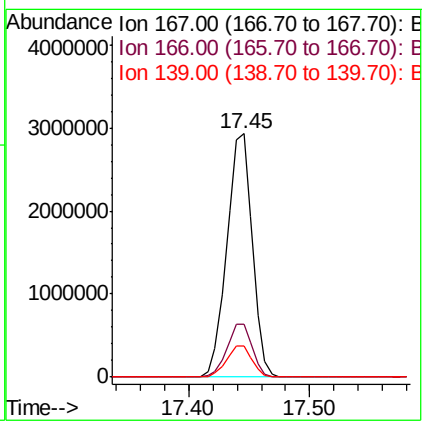


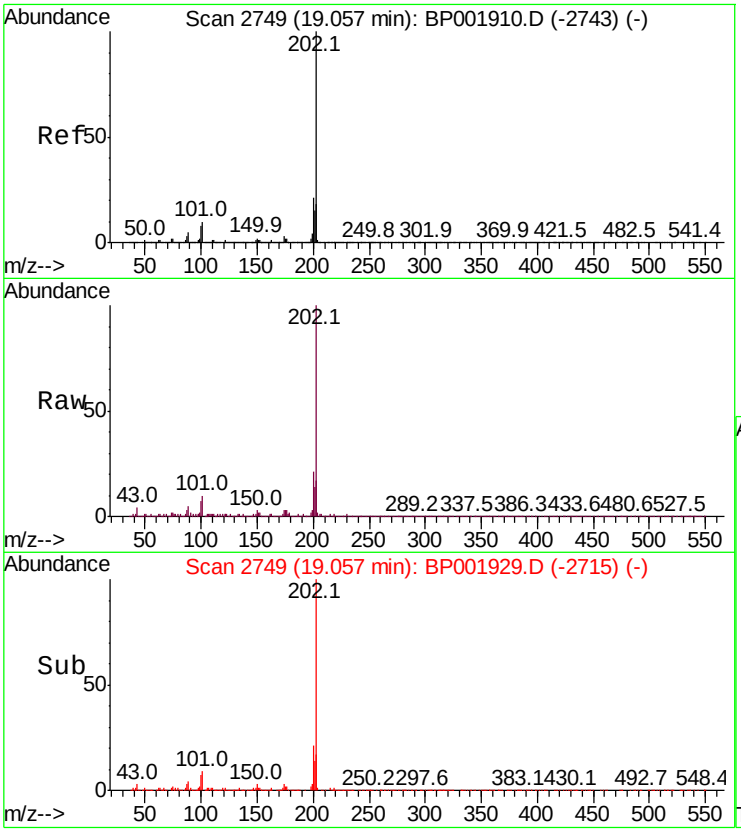


#75
Carbazole
Concen: 42.136 ng/ul
RT: 17.45 min Scan# 2475
Delta R.T. 0.01 min
Lab File: BP001929.D
Acq: 26 Feb 2020 18:02

Tgt Ion:167 Resp: 4284874

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.1	25.7
139	12.9	10.2	15.2



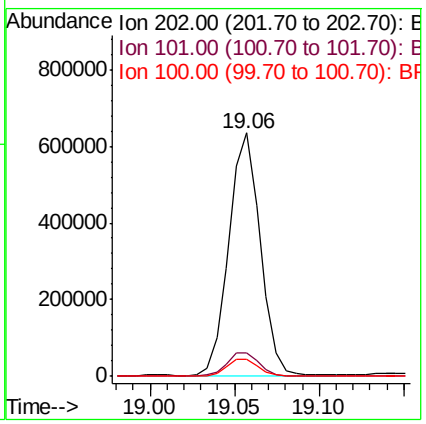


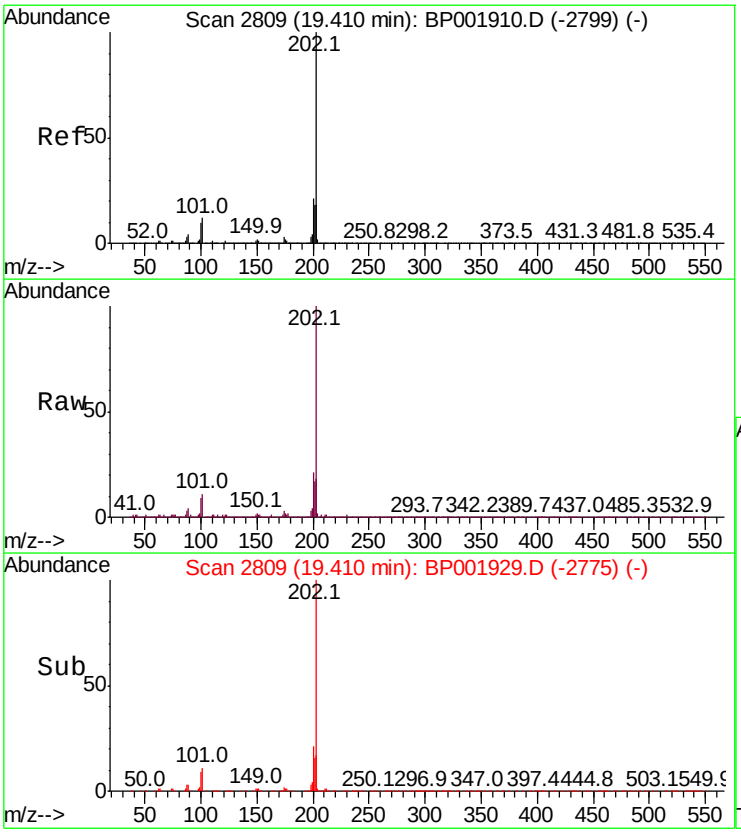
#77
Fluoranthene
Concen: 6.168 ng/ul
RT: 19.06 min Scan# 2749
Delta R.T. 0.00 min
Lab File: BP001929.D
Acq: 26 Feb 2020 18:02

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 815286

Ion	Ratio	Lower	Upper
202	100		
101	9.6	9.1	13.7
100	6.8	6.6	9.8

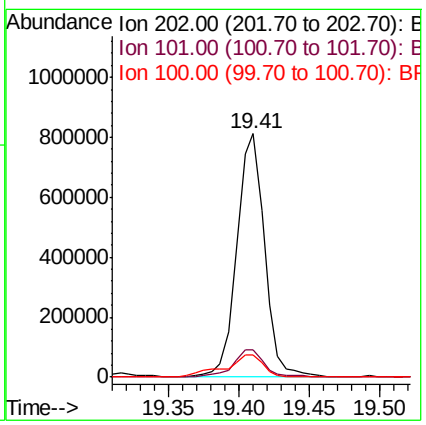


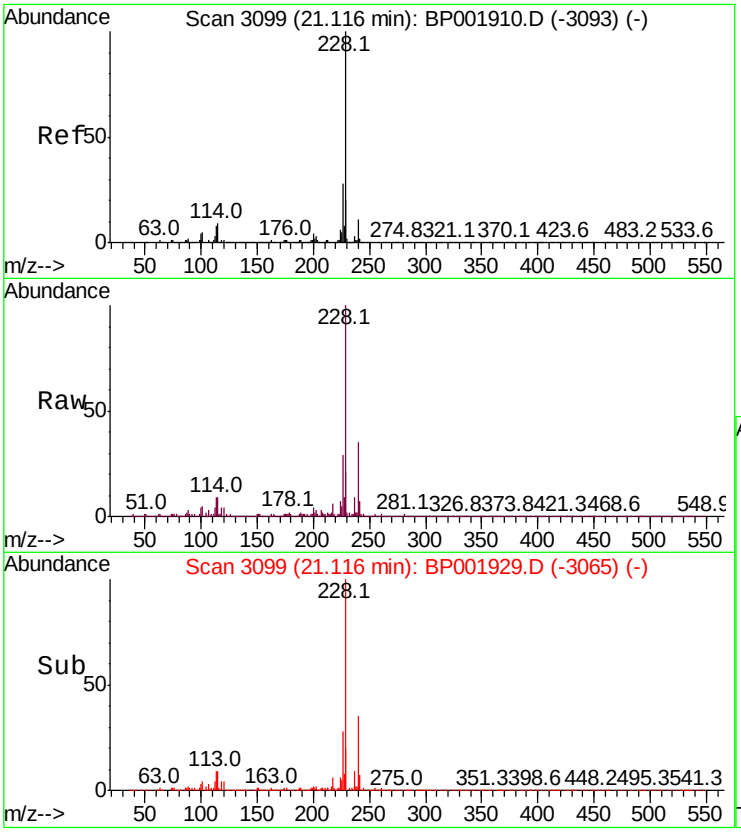


#80
Pyrene
Concen: 7.138 ng/ul
RT: 19.41 min Scan# 2809
Delta R.T. 0.00 min
Lab File: BP001929.D
Acq: 26 Feb 2020 18:02

Tgt Ion:202 Resp: 1098707

Ion	Ratio	Lower	Upper
202	100		
101	11.1	10.2	15.2
100	9.1	8.2	12.2



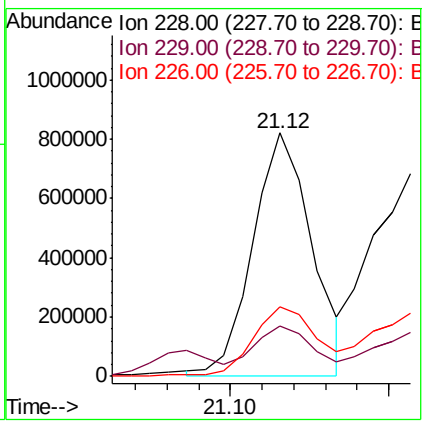


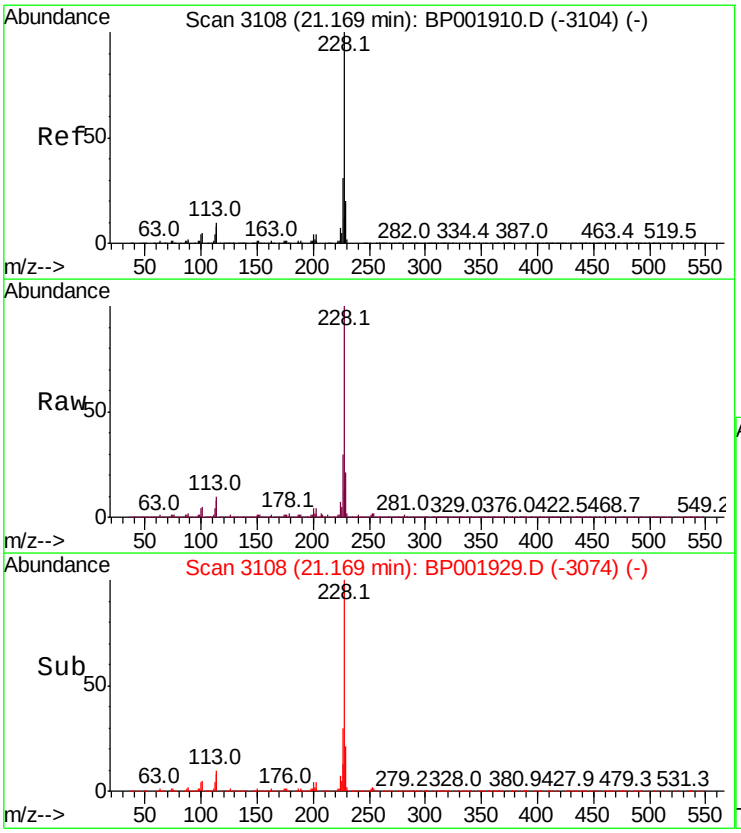
#83
Benzo(a)anthracene
Concen: 7.093 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BP001929.D
Acq: 26 Feb 2020 18:02

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 1057096

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.2	24.4
226	28.7	22.0	33.0

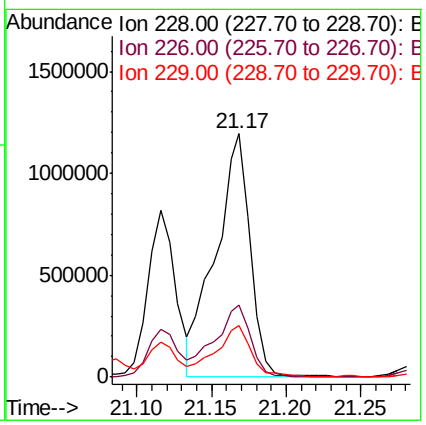


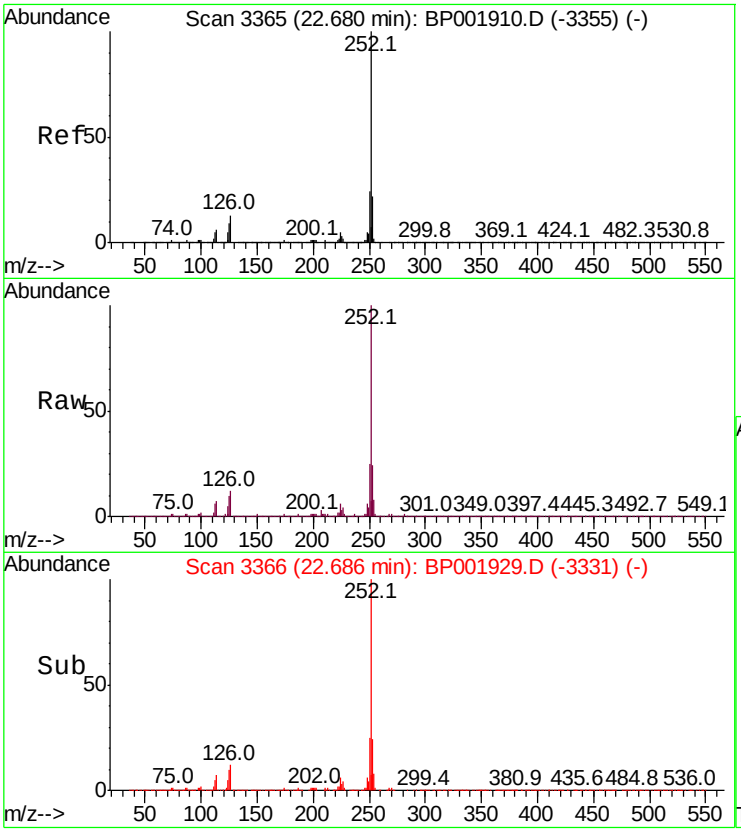


#85
Chrysene
Concen: 13.212 ng/ul
RT: 21.17 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BP001929.D
Acq: 26 Feb 2020 18:02

Tgt Ion:228 Resp: 1923564

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.2
229	21.1	15.7	23.5



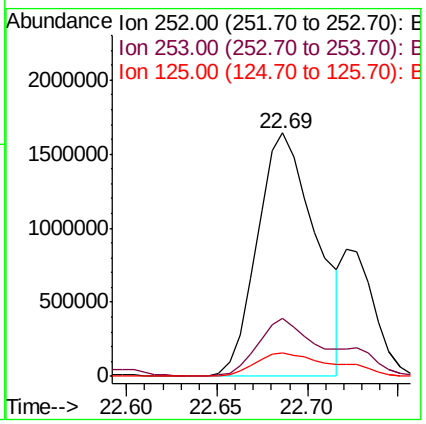


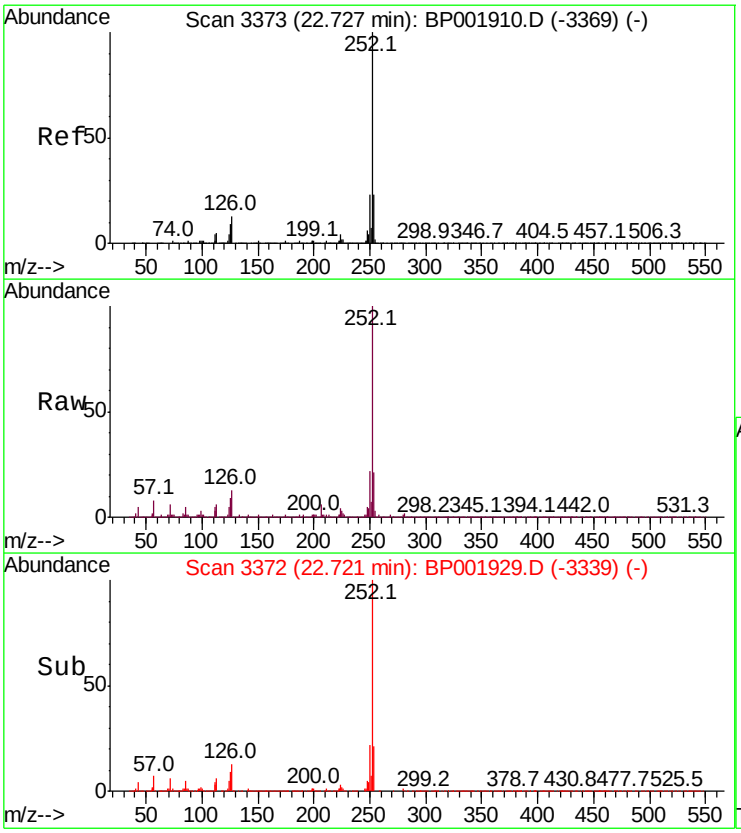
#88
Benzo(b)fluoranthene
Concen: 29.131 ng/ul
RT: 22.69 min Scan# 3366
Delta R.T. 0.01 min
Lab File: BP001929.D
Acq: 26 Feb 2020 18:02

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 3702449

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.7	26.5
125	9.6	7.8	11.6

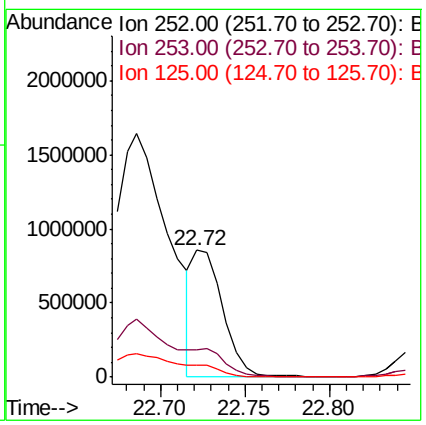


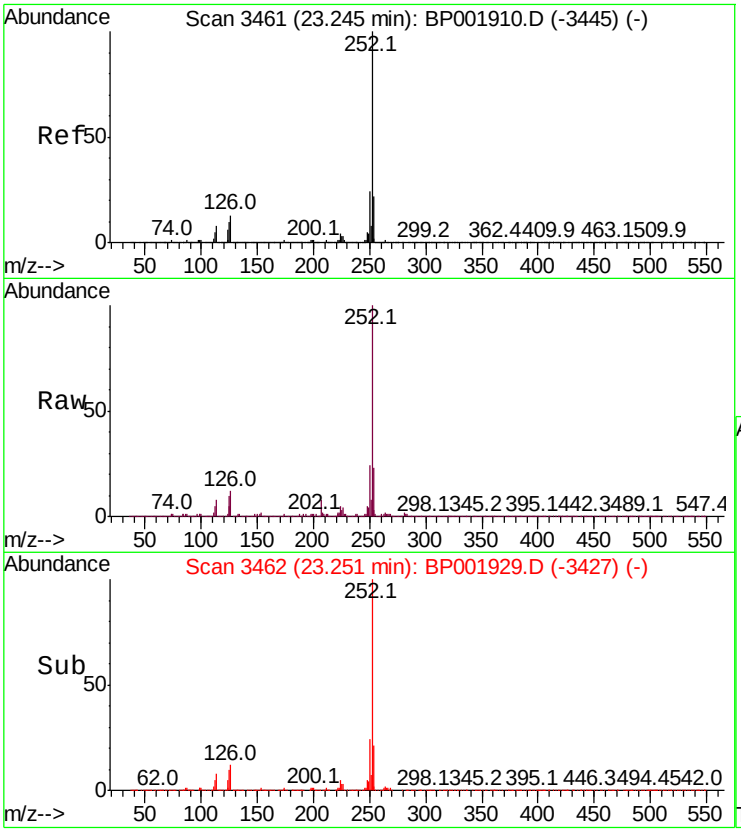


#89
Benzo(k)fluoranthene
Concen: 7.881 ng/ul
RT: 22.72 min Scan# 3372
Delta R.T. -0.01 min
Lab File: BP001929.D
Acq: 26 Feb 2020 18:02

Tgt Ion:252 Resp: 1038247

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.6
125	9.5	8.0	12.0



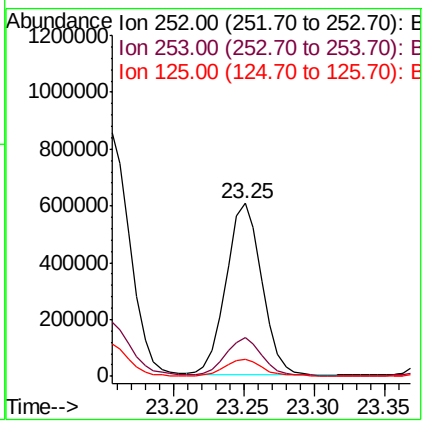


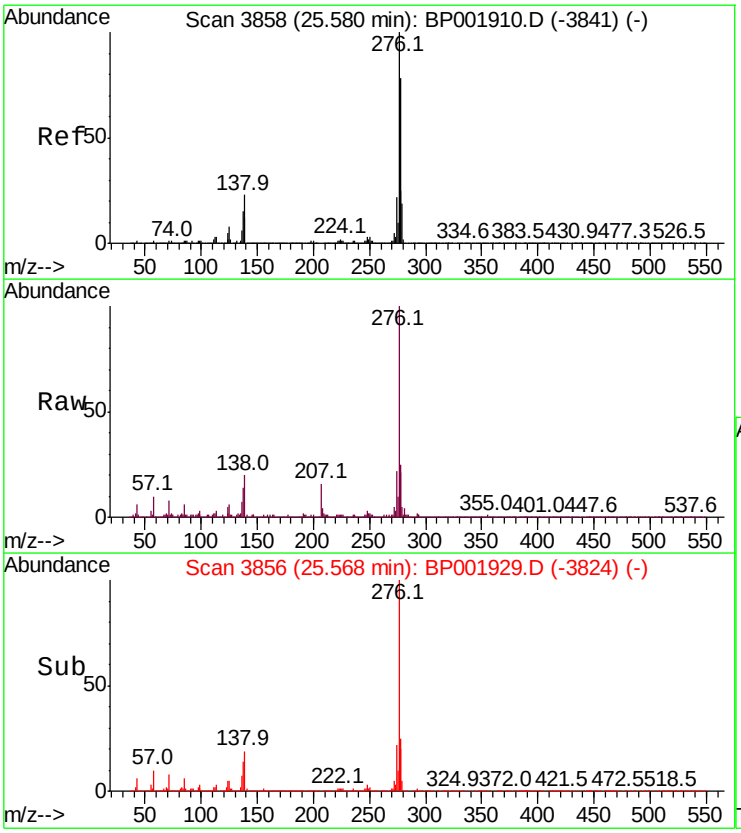
#91
Benzo(a)pyrene
Concen: 9.008 ng/ul
RT: 23.25 min Scan# 3462
Delta R.T. 0.01 min
Lab File: BP001929.D
Acq: 26 Feb 2020 18:02

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 1073003

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	10.1	8.3	12.5

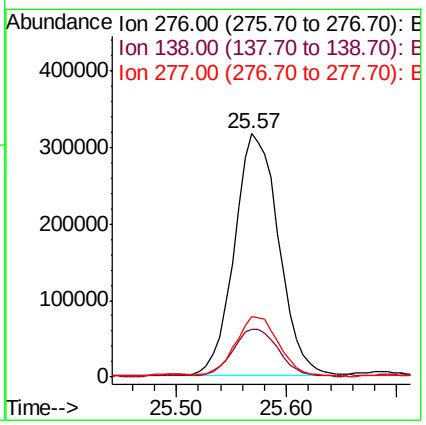


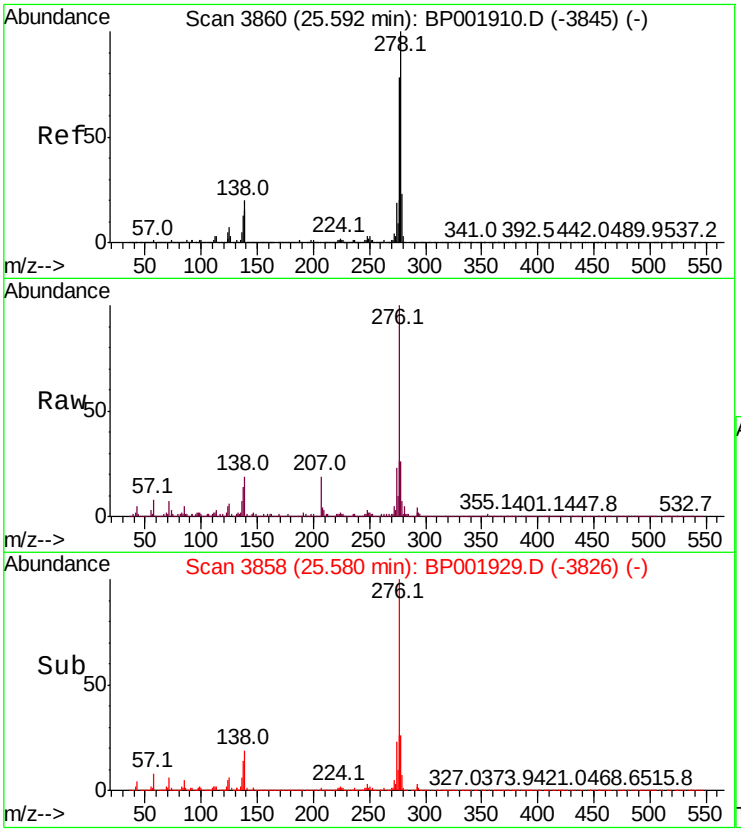


#92
Indeno(1,2,3-cd)pyrene
Concen: 6.000 ng/ul
RT: 25.57 min Scan# 3856
Delta R.T. -0.01 min
Lab File: BP001929.D
Acq: 26 Feb 2020 18:02

Tgt Ion:276 Resp: 892709

Ion	Ratio	Lower	Upper
276	100		
138	19.5	19.3	28.9
277	24.7	20.0	30.0



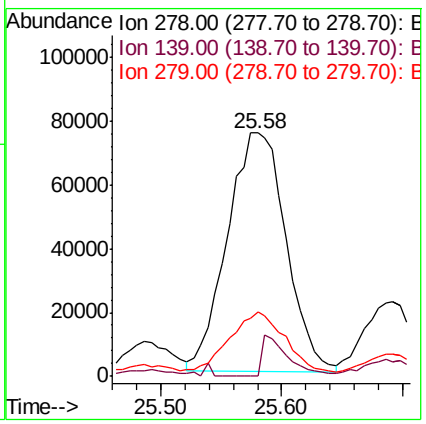


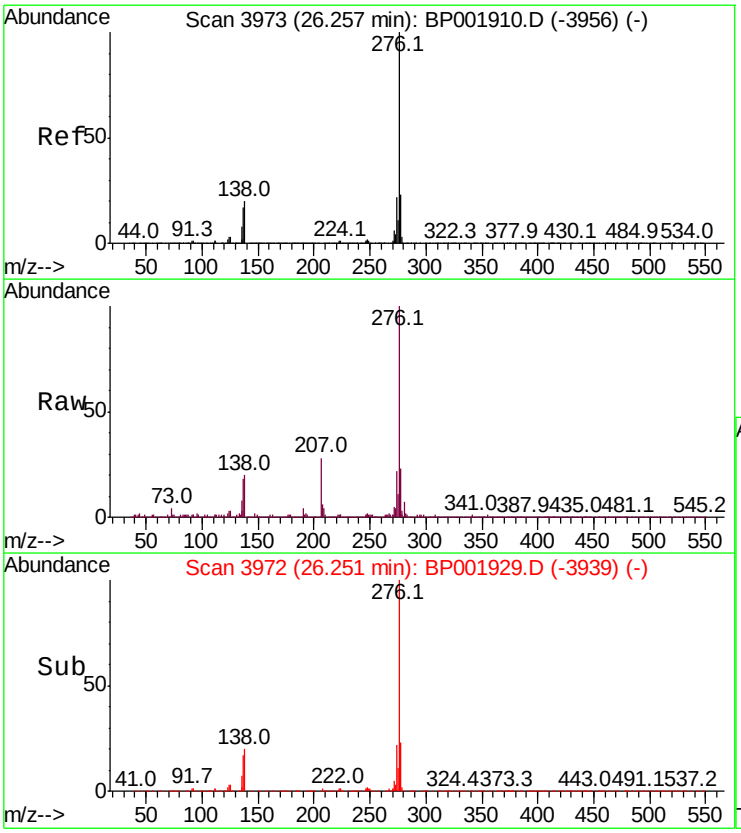
#93
Dibenzo(a,h)anthracene
Concen: 2.031 ng/ul
RT: 25.58 min Scan# 3858
Delta R.T. -0.01 min
Lab File: BP001929.D
Acq: 26 Feb 2020 18:02

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 253815

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.3	19.9#
279	26.5	19.3	28.9





#94
Benzo(g,h,i)perylene
Concen: 4.353 ng/ul
RT: 26.25 min Scan# 3972
Delta R.T. -0.01 min
Lab File: BP001929.D
Acq: 26 Feb 2020 18:02

Tgt Ion:276 Resp: 550562

Ion	Ratio	Lower	Upper
276	100		
138	20.2	17.7	26.5
277	23.1	18.8	28.2