Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022020\

Quantitation Report (Not Reviewed)

Data File : BP001816.D
Acq On : 20 Feb 2020 22:56
Operator : CG/JU
Sample : L1418-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B15

Quant Time: Feb 21 07:17:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 07:12:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	370874	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1510852	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	886401	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1611248	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1470988	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	1605857	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	34919	3.91	ng/uL	0.00
5) Phenol-d5	6.84	99	738409	26.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	448322	27.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	688757	30.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	480506	21.62	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	338096	33.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	351840	38.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	683455	31.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	349592	13.44	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1902061	30.58	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	2432193	31.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	241490	22.30	ng/ul	0.00
58) Fluorene-d10	15.29	176	1673434	29.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	171596	27.01	ng/ul	0.00
71) Anthracene-d10	17.15	188	2243030	31.60	ng/ul	0.00
79) Pyrene-d10	19.39	212	2431647	32.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	2516768	32.45	ng/ul	0.01
Target Compounds						Qvalue
14) Acetophenone	8.48	105	35441	1.032	ng/ul	98
45) Dimethylphthalate	13.76	163	328780	5.022	ng/ul	98
48) Acenaphthylene	14.01	152	83516	1.005	ng/ul#	87
49) 3-Nitroaniline	14.22	138	12352	1.063	ng/ul#	13
53) 4-Nitrophenol	14.53	109	20821	2.596	ng/ul#	1
56) 2,3,4,6-Tetrachlorophenol	14.93	232	183987	13.399	ng/ul#	99
69) Pentachlorophenol	16.71	266	3366692	340.725	ng/ul	100
70) Phenanthrene	17.09	178	504654	5.679	ng/ul#	94
72) Anthracene	17.18	178	209506	2.387	ng/ul#	82
77) Fluoranthene	19.07	202	1165325	12.247	ng/ul	97
80) Pyrene	19.42	202	1010415	10.098	ng/ul	97
83) Benzo(a)anthracene	21.12	228	505766	5.221	ng/ul#	87
85) Chrysene	21.17	228	581973	6.150	ng/ul#	90
88) Benzo(b)fluoranthene	22.69	252	684076	7.240	ng/ul#	92
89) Benzo(k)fluoranthene	22.69	252	684076	6.984	ng/ul#	92
91) Benzo(a)pyrene	23.26	252	467630	5.281	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	25.60	276	353511	3.196	ng/ul	96
94) Benzo(g,h,i)perylene	26.28	276	339724	3.613	ng/ul	97

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

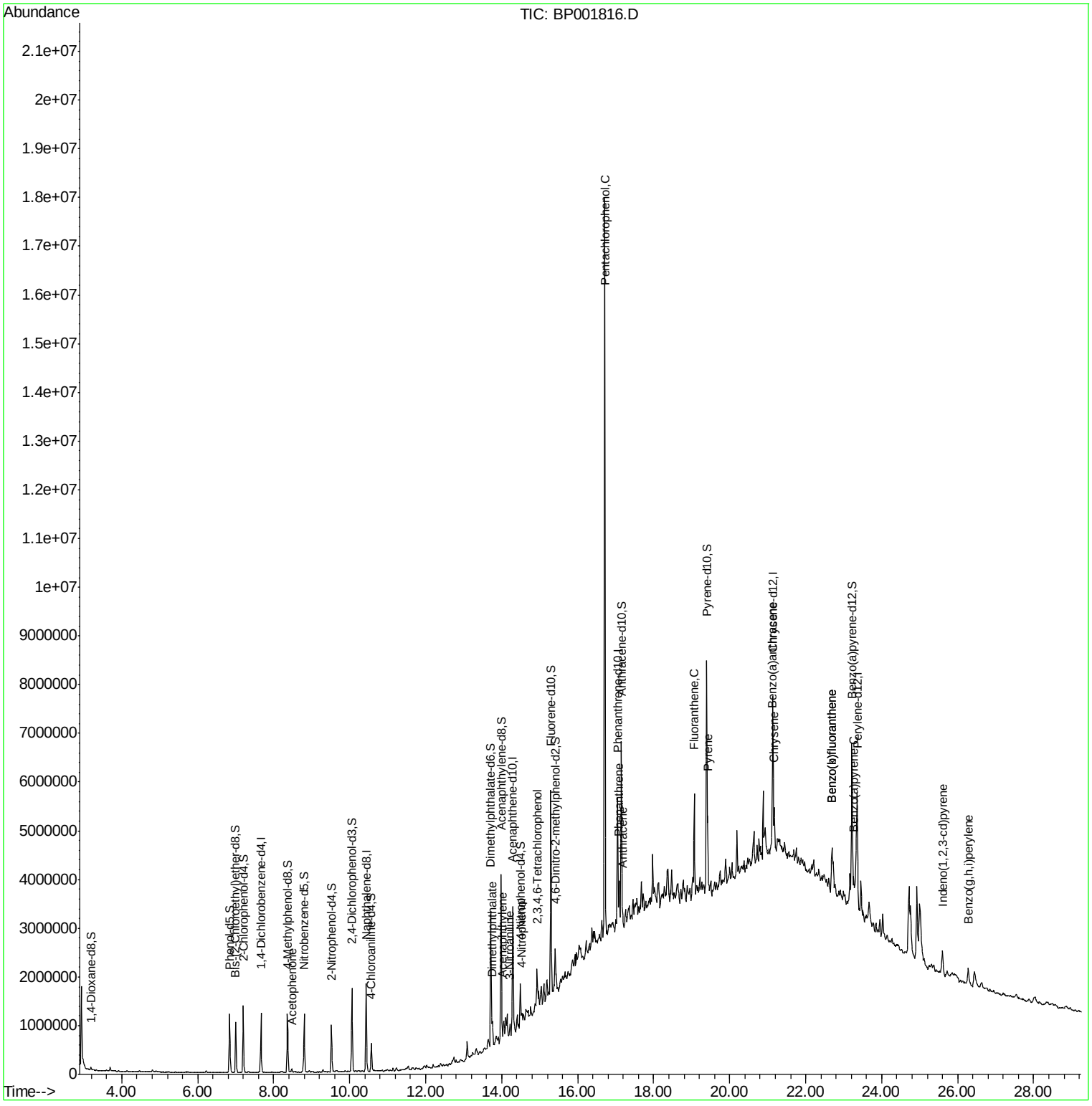
Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022020\

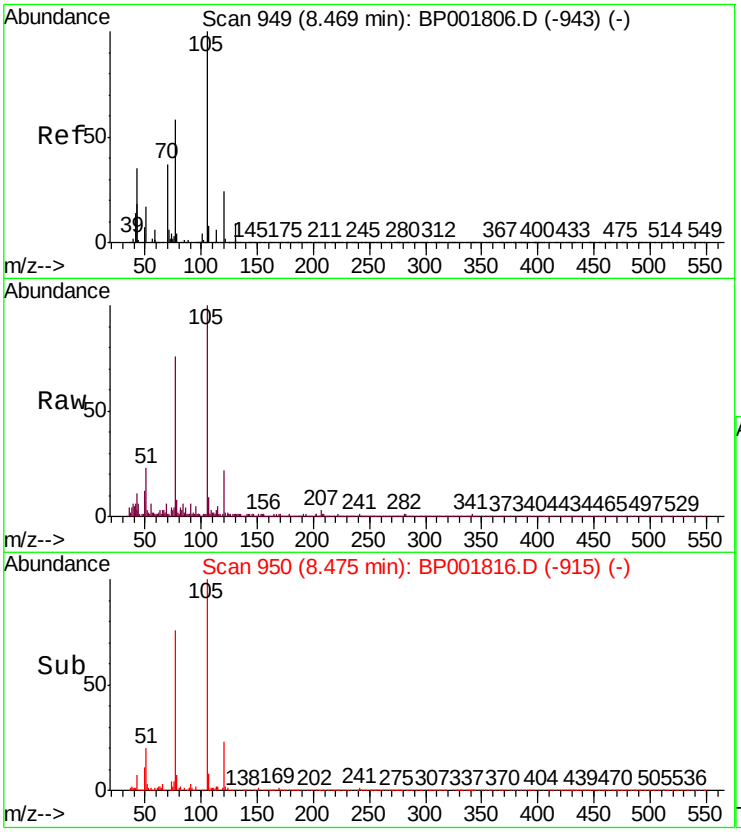
Quantitation Report (Not Reviewed)

Data File : BP001816.D
Acq On : 20 Feb 2020 22:56
Operator : CG/JU
Sample : L1418-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B15

Quant Time: Feb 21 07:17:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 07:12:24 2020
Response via : Initial Calibration



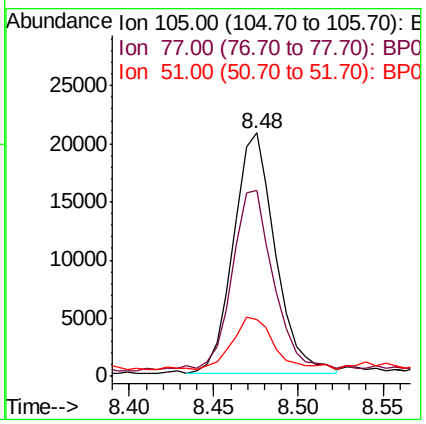


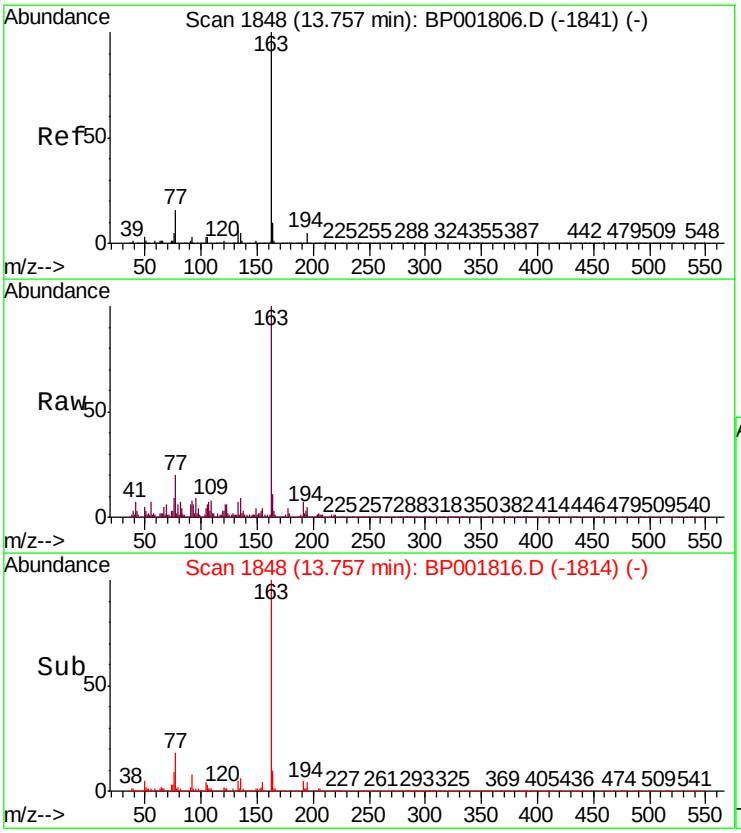
#14
Acetophenone
Concen: 1.032 ng/ul
RT: 8.48 min Scan# 950
Delta R.T. 0.01 min
Lab File: BP001816.D
Acq: 20 Feb 2020 22:56

Instrument :
BNA_P
ClientSampleId :
C5B15

Tgt Ion:105 Resp: 35441

Ion	Ratio	Lower	Upper
105	100		
77	76.4	59.8	89.6
51	23.2	17.9	26.9

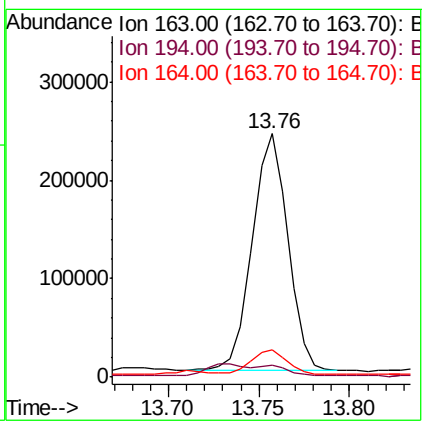


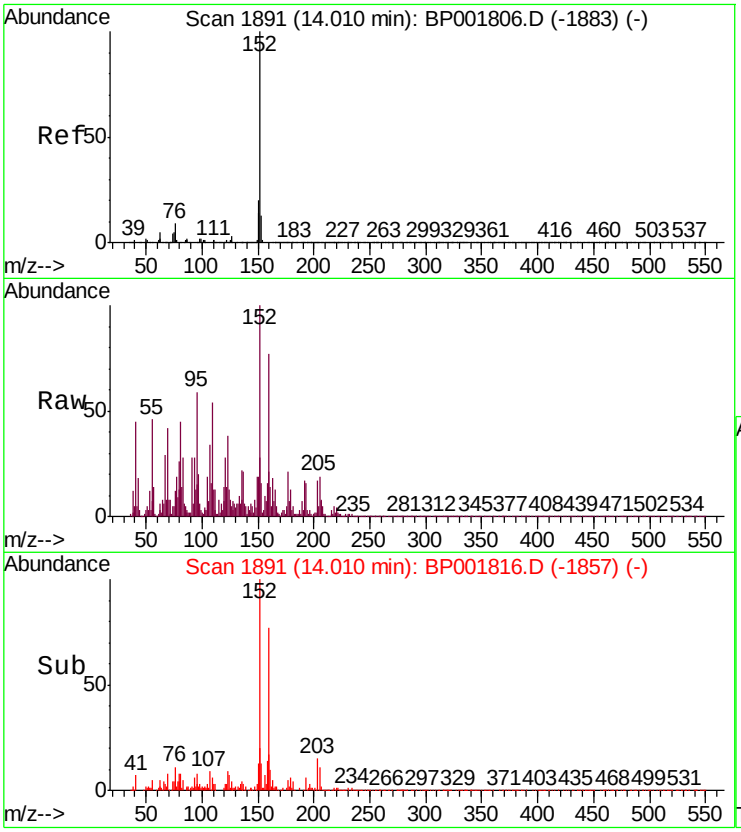


#45
Dimethylphthalate
Concen: 5.022 ng/ul
RT: 13.76 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BP001816.D
Acq: 20 Feb 2020 22:56

Tgt Ion:163 Resp: 328780

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	11.1	8.0	12.0



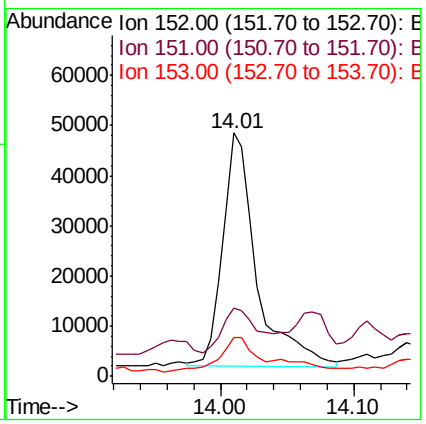


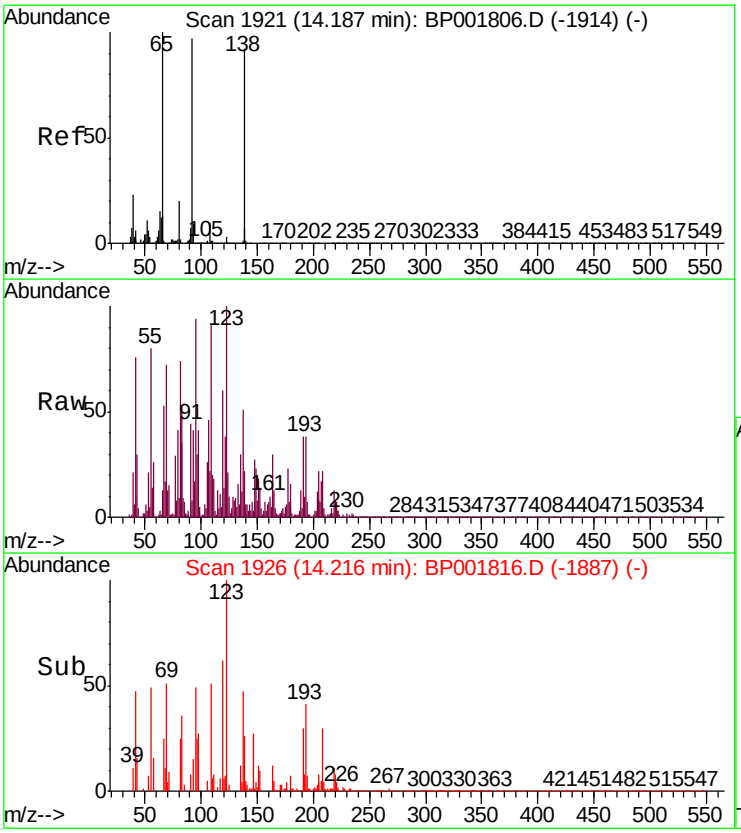
#48
Acenaphthylene
Concen: 1.005 ng/ul
RT: 14.01 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BP001816.D
Acq: 20 Feb 2020 22:56

Instrument :
BNA_P
ClientSampleId :
C5B15

Tgt Ion:152 Resp: 83516

Ion	Ratio	Lower	Upper
152	100		
151	27.9	15.7	23.5#
153	15.9	10.7	16.1

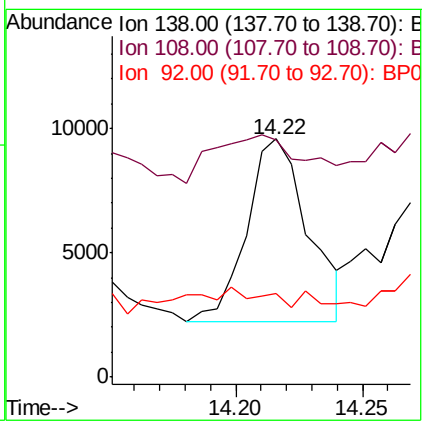


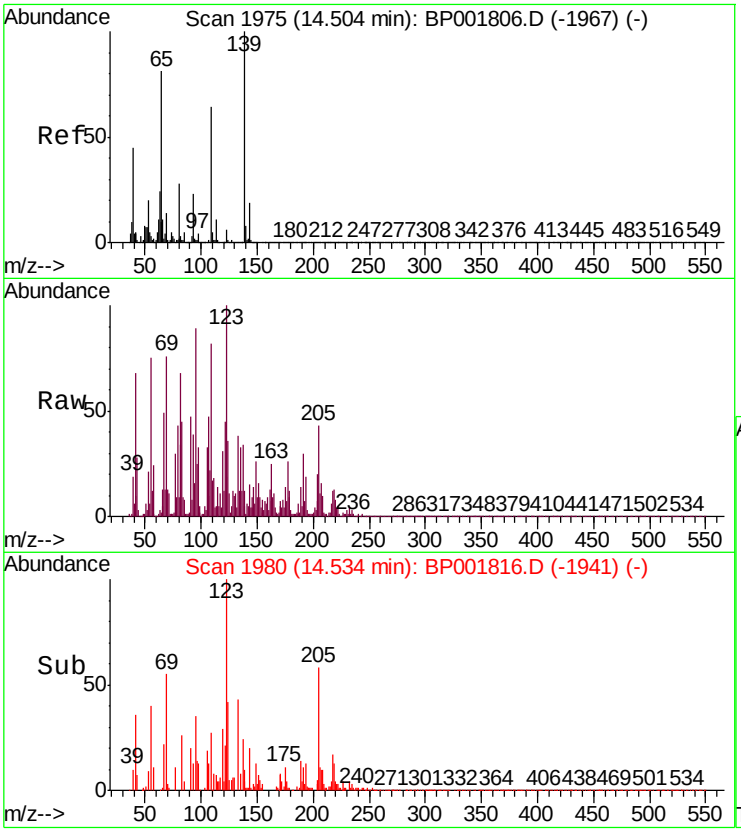


#49
3-Nitroaniline
Concen: 1.063 ng/ul
RT: 14.22 min Scan# 1926
Delta R.T. 0.03 min
Lab File: BP001816.D
Acq: 20 Feb 2020 22:56

Tgt Ion:138 Resp: 12352

Ion	Ratio	Lower	Upper
138	100		
108	99.7	9.9	14.9#
92	35.1	88.9	133.3#



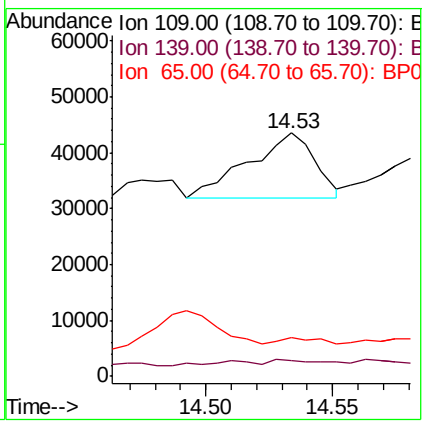


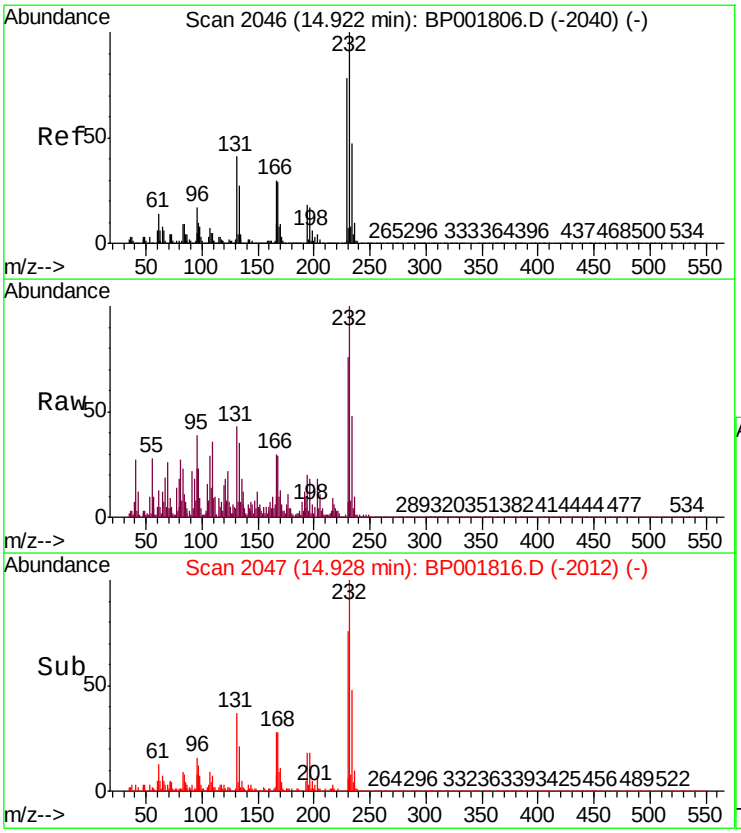
#53
4-Nitrophenol
Concen: 2.596 ng/ul
RT: 14.53 min Scan# 1980
Delta R.T. 0.03 min
Lab File: BP001816.D
Acq: 20 Feb 2020 22:56

Instrument :
BNA_P
ClientSampleId :
C5B15

Tgt Ion:109 Resp: 20821

Ion	Ratio	Lower	Upper
109	100		
139	6.4	123.1	184.7#
65	16.0	105.0	157.6#

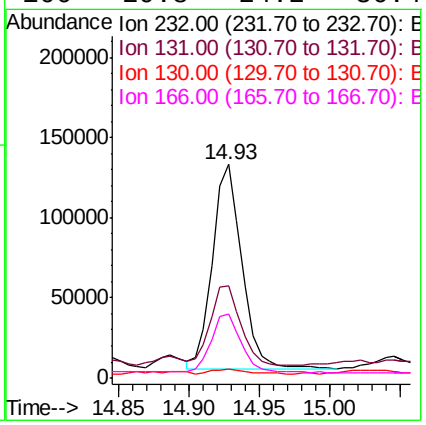


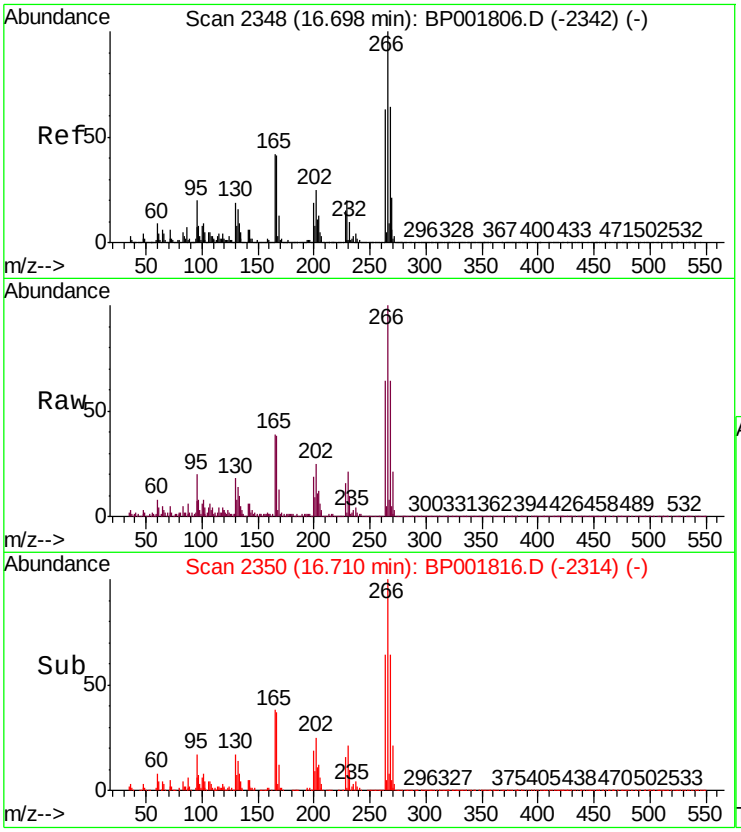


#56
2,3,4,6-Tetrachlorophenol
Concen: 13.399 ng/ul
RT: 14.93 min Scan# 2047
Delta R.T. 0.01 min
Lab File: BP001816.D
Acq: 20 Feb 2020 22:56

Tgt Ion:232 Resp: 183987

Ion	Ratio	Lower	Upper
232	100		
131	43.1	34.1	51.1
130	4.1	1.8	2.6#
166	29.8	24.2	36.4



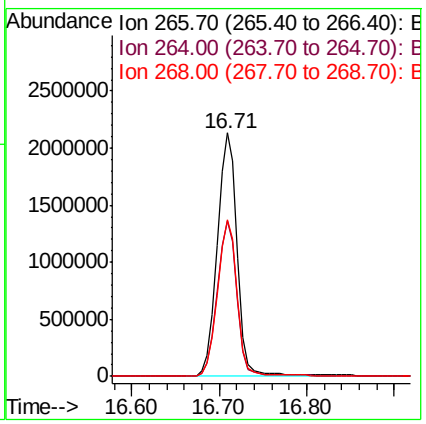


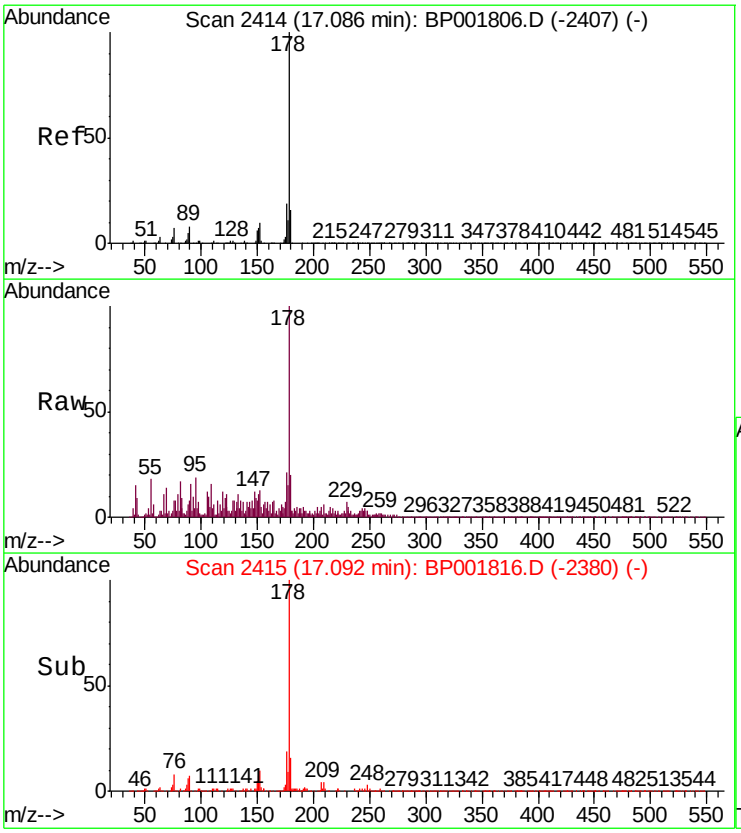
#69
Pentachlorophenol
Concen: 340.725 ng/ul
RT: 16.71 min Scan# 2350
Delta R.T. 0.01 min
Lab File: BP001816.D
Acq: 20 Feb 2020 22:56

Instrument :
BNA_P
ClientSampleId :
C5B15

Tgt Ion:266 Resp: 3366692

Ion	Ratio	Lower	Upper
266	100		
264	63.8	51.1	76.7
268	64.3	51.5	77.3

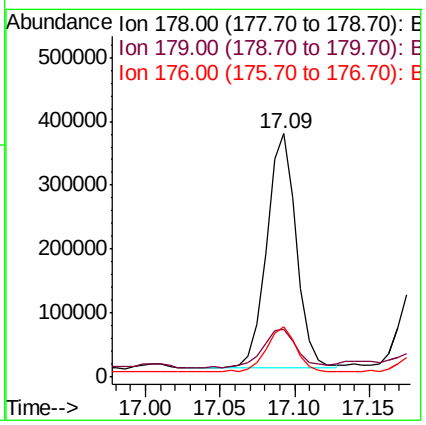


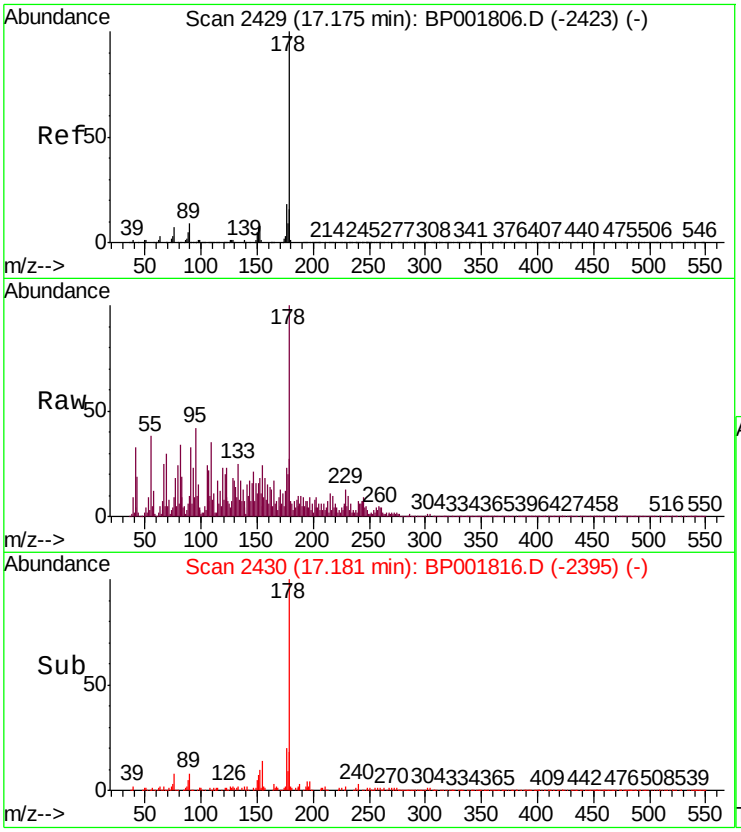


#70
Phenanthrene
Concen: 5.679 ng/ul
RT: 17.09 min Scan# 2415
Delta R.T. 0.01 min
Lab File: BP001816.D
Acq: 20 Feb 2020 22:56

Tgt Ion:178 Resp: 504654

Ion	Ratio	Lower	Upper
178	100		
179	19.8	12.3	18.5#
176	20.5	15.3	22.9



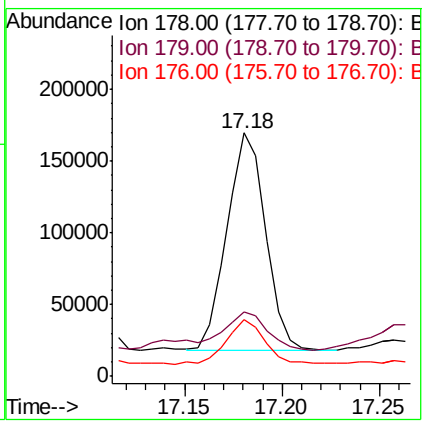


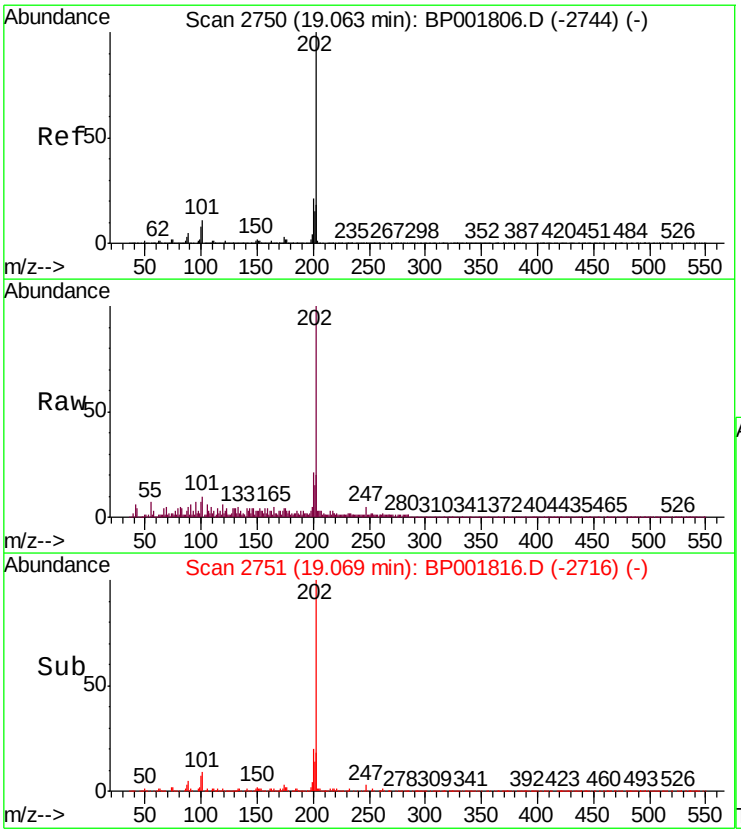
#72
Anthracene
Concen: 2.387 ng/ul
RT: 17.18 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BP001816.D
Acq: 20 Feb 2020 22:56

Instrument :
BNA_P
ClientSampleId :
C5B15

Tgt Ion:178 Resp: 209506

Ion	Ratio	Lower	Upper
178	100		
179	26.6	12.4	18.6#
176	23.2	14.8	22.2#

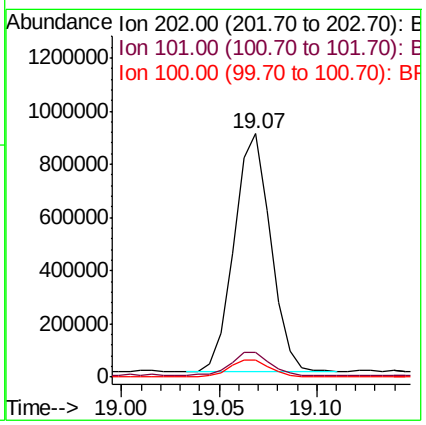


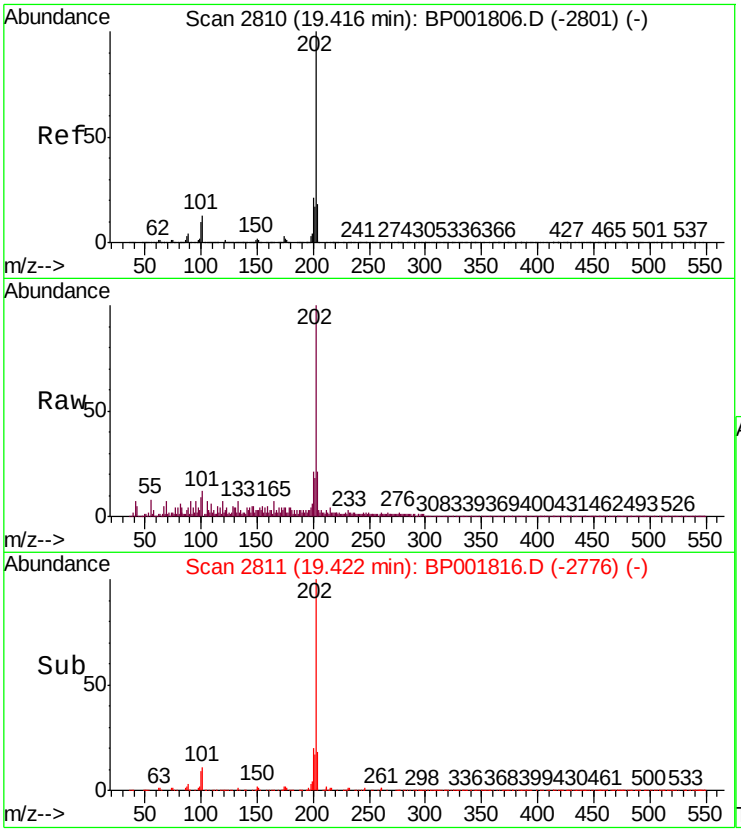


#77
Fluoranthene
Concen: 12.247 ng/ul
RT: 19.07 min Scan# 2751
Delta R.T. 0.01 min
Lab File: BP001816.D
Acq: 20 Feb 2020 22:56

Tgt Ion:202 Resp: 1165325

Ion	Ratio	Lower	Upper
202	100		
101	10.2	9.1	13.7
100	7.0	6.6	9.8



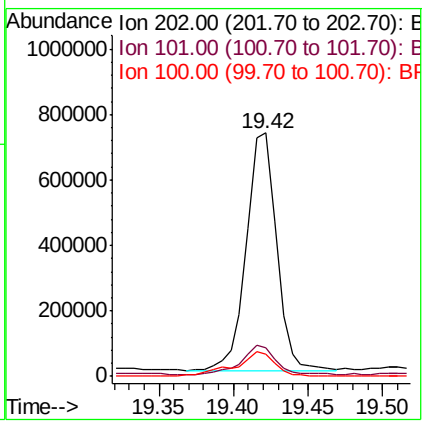


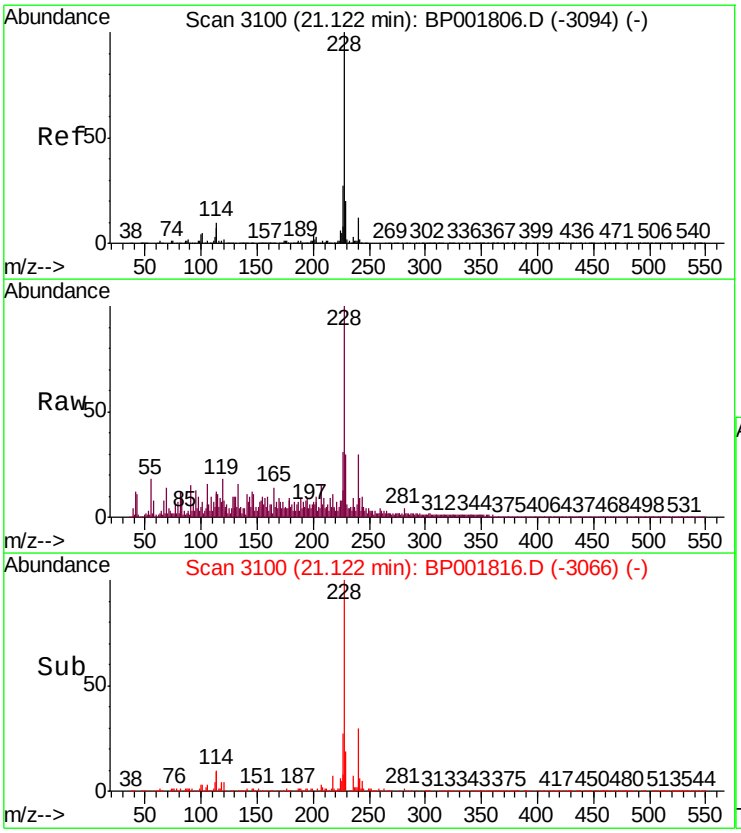
#80
Pyrene
Concen: 10.098 ng/ul
RT: 19.42 min Scan# 2811
Delta R.T. 0.01 min
Lab File: BP001816.D
Acq: 20 Feb 2020 22:56

Instrument :
BNA_P
ClientSampleId :
C5B15

Tgt Ion:202 Resp: 1010415

Ion	Ratio	Lower	Upper
202	100		
101	11.5	10.2	15.2
100	9.1	8.2	12.2

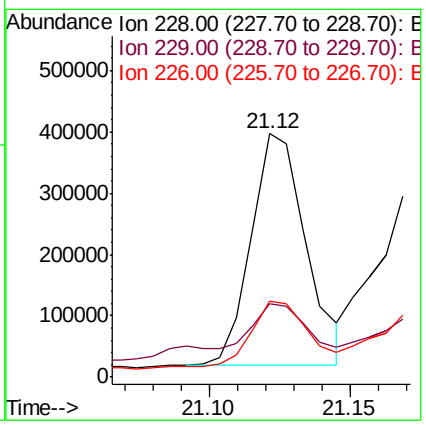


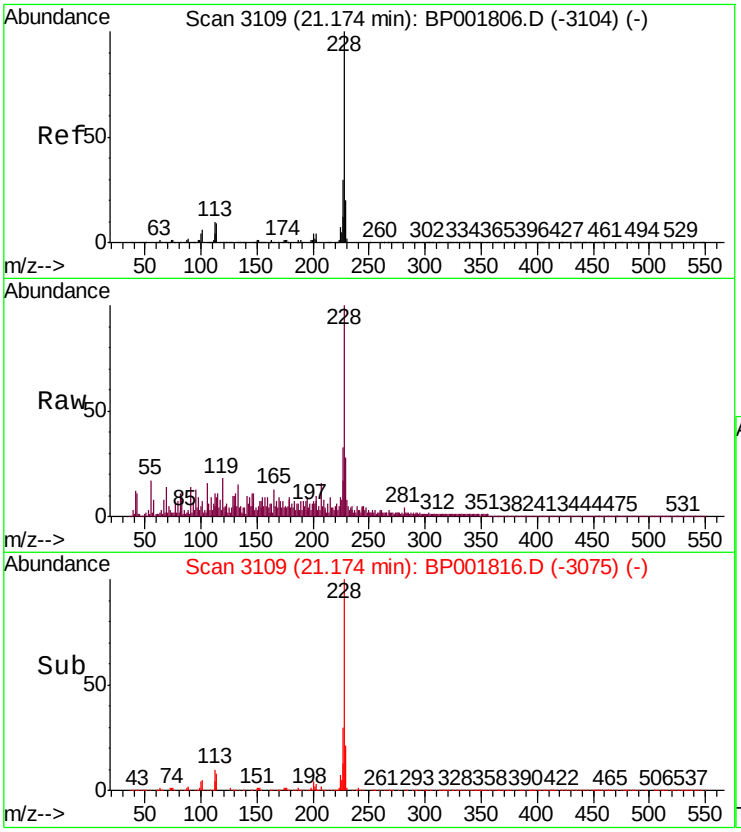


#83
Benzo(a)anthracene
Concen: 5.221 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. -0.00 min
Lab File: BP001816.D
Acq: 20 Feb 2020 22:56

Tgt Ion:228 Resp: 505766

Ion	Ratio	Lower	Upper
228	100		
229	30.2	16.2	24.4#
226	31.1	22.0	33.0



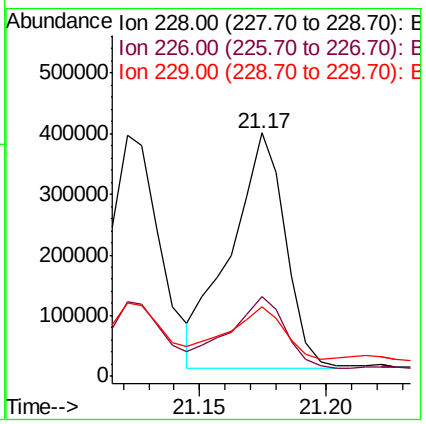


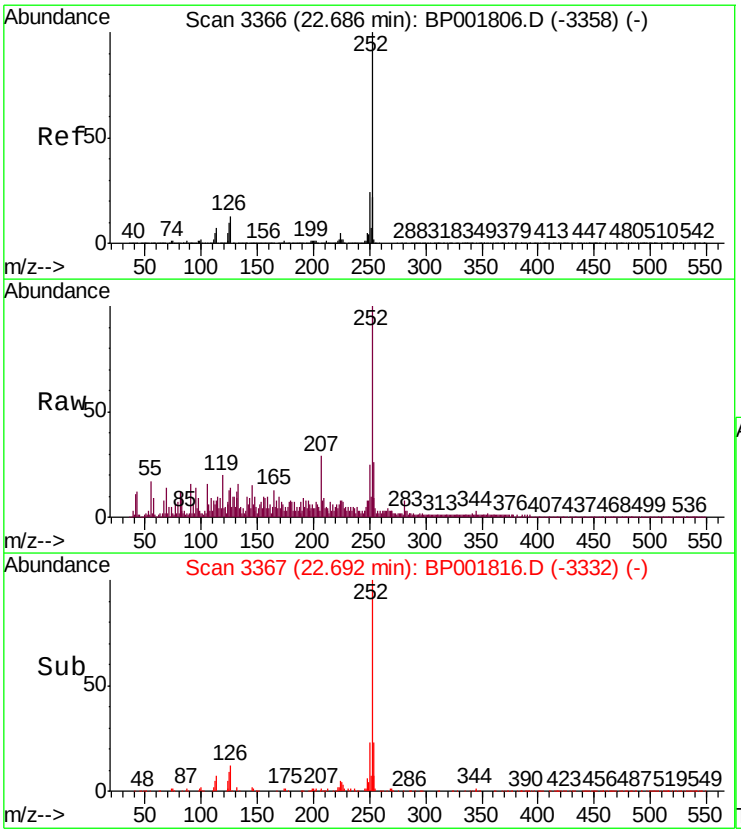
#85
Chrysene
Concen: 6.150 ng/ul
RT: 21.17 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BP001816.D
Acq: 20 Feb 2020 22:56

Instrument :
BNA_P
ClientSampleId :
C5B15

Tgt Ion:228 Resp: 581973

Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.2	36.2
229	28.5	15.7	23.5#

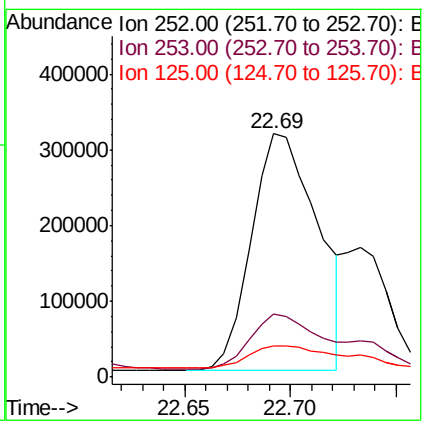


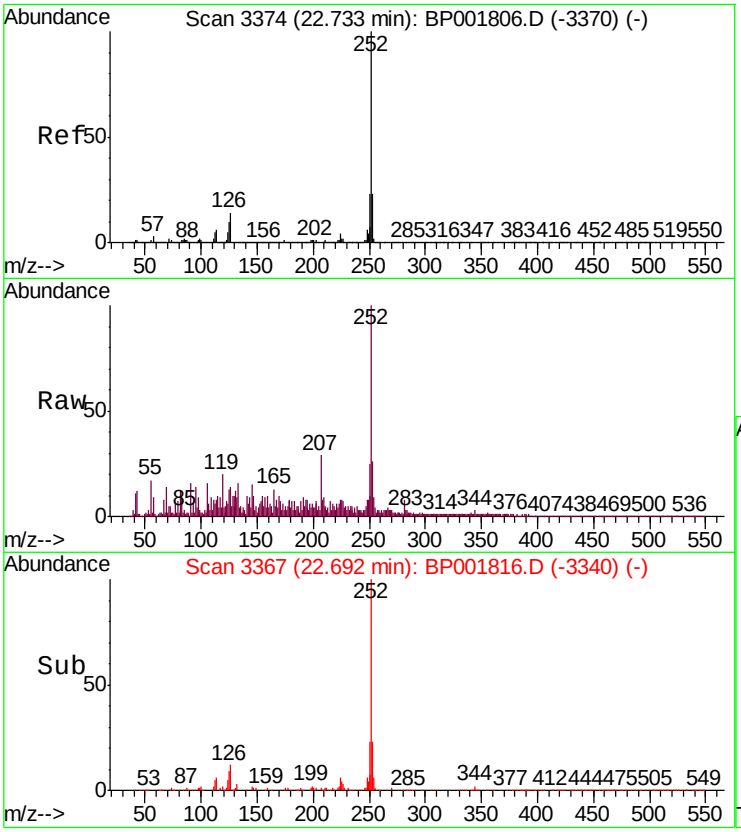


#88
Benzo(b)fluoranthene
Concen: 7.240 ng/ul
RT: 22.69 min Scan# 3367
Delta R.T. 0.01 min
Lab File: BP001816.D
Acq: 20 Feb 2020 22:56

Tgt Ion:252 Resp: 684076

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.7	26.5
125	12.9	7.8	11.6#



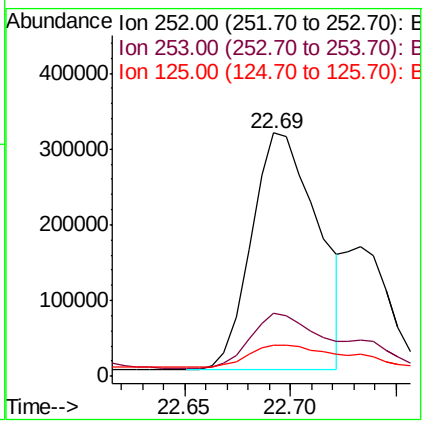


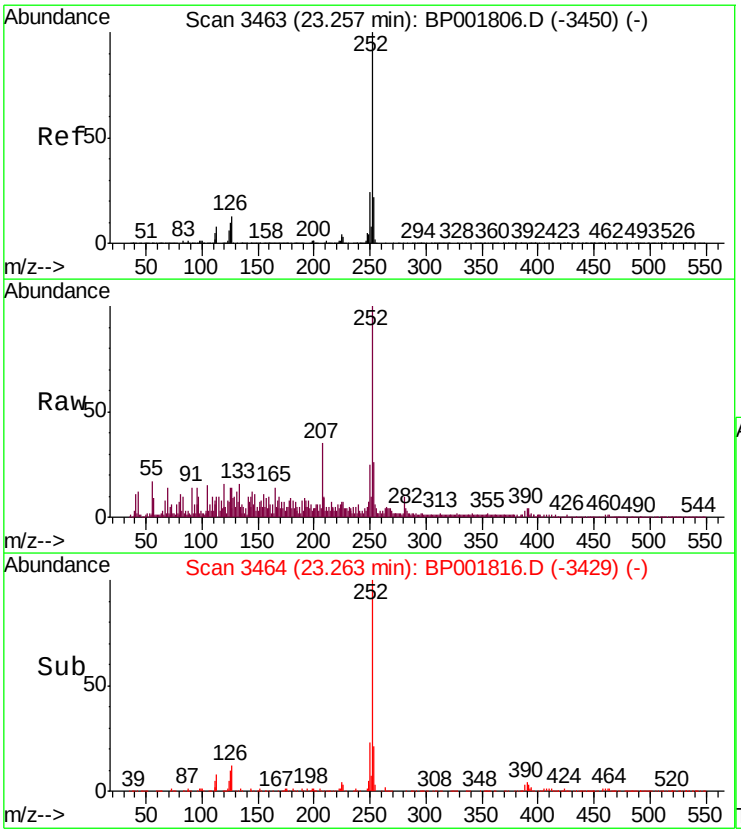
#89
Benzo(k)fluoranthene
Concen: 6.984 ng/ul
RT: 22.69 min Scan# 3367
Delta R.T. -0.04 min
Lab File: BP001816.D
Acq: 20 Feb 2020 22:56

Instrument :
BNA_P
ClientSampleId :
C5B15

Tgt Ion:252 Resp: 684076

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.8	26.6
125	12.9	8.0	12.0#

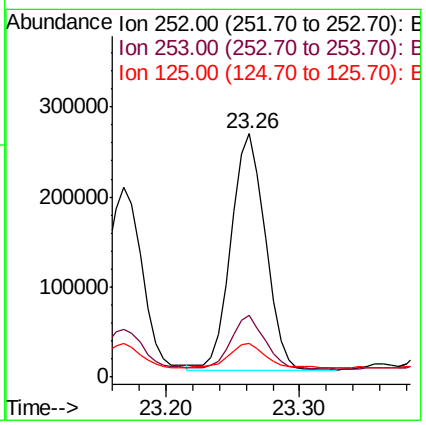


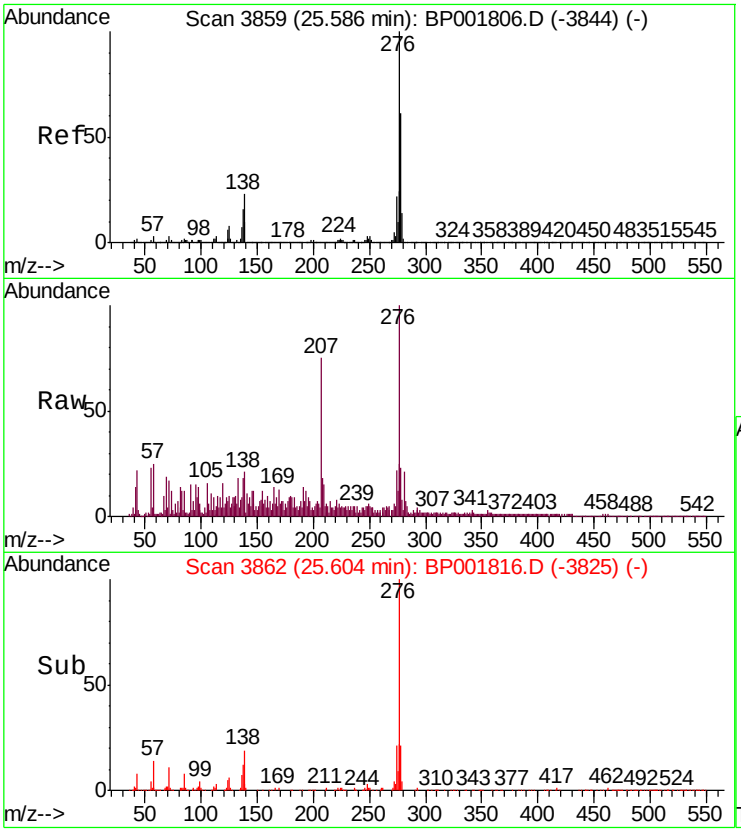


#91
Benzo(a)pyrene
Concen: 5.281 ng/ul
RT: 23.26 min Scan# 3464
Delta R.T. 0.01 min
Lab File: BP001816.D
Acq: 20 Feb 2020 22:56

Tgt Ion:252 Resp: 467630

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.6	26.4
125	14.0	8.3	12.5#



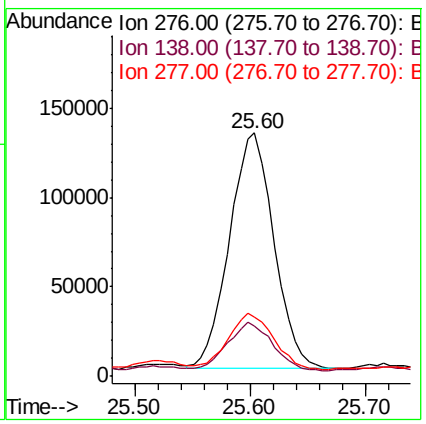


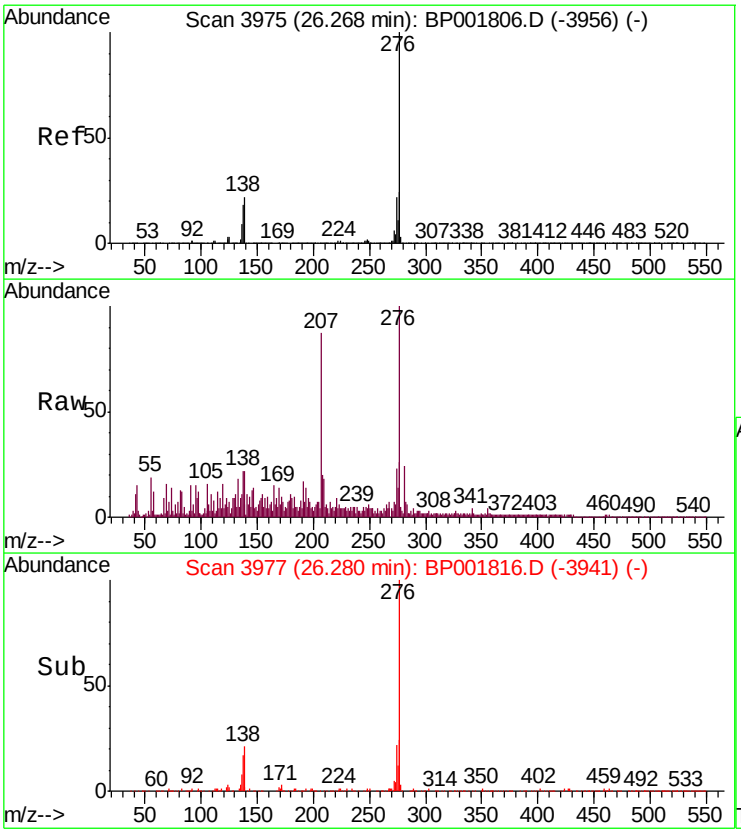
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.196 ng/ul
RT: 25.60 min Scan# 3862
Delta R.T. 0.02 min
Lab File: BP001816.D
Acq: 20 Feb 2020 22:56

Instrument :
BNA_P
ClientSampleId :
C5B15

Tgt Ion:276 Resp: 353511

Ion	Ratio	Lower	Upper
276	100		
138	20.5	19.3	28.9
277	24.5	20.0	30.0





#94
Benzo(g,h,i)perylene
Concen: 3.613 ng/ul
RT: 26.28 min Scan# 3977
Delta R.T. 0.01 min
Lab File: BP001816.D
Acq: 20 Feb 2020 22:56

Tgt Ion:276 Resp: 339724

Ion	Ratio	Lower	Upper
276	100		
138	22.4	17.7	26.5
277	26.3	18.8	28.2