Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004398.D
Acq On : 19 Dec 2020 17:19
Operator : CG/JU
Sample : L5151-06
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE8

Quant Time: Dec 21 03:01:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 02:36:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	275013	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1149332	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	698492	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1480013	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	1422928	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	1570066	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	18819	2.85	ng/uL	0.00
5) Phenol-d5	6.99	99	397786	16.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	222770	16.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	330361	16.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	308435	16.22	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	163553	16.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	181041	16.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	340133	16.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	372246	16.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	992488	17.75	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	1287252	18.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.68	143	126848	12.56	ng/ul	0.01
58) Fluorene-d10	15.47	176	856310	17.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	59984	6.28	ng/ul	0.00
71) Anthracene-d10	17.33	188	1380761	18.89	ng/ul	0.00
79) Pyrene-d10	19.57	212	1544215	20.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	1634266	18.90	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.02	94	38056	1.584	ng/ul	96
28) Naphthalene	10.67	128	136310	2.111	ng/ul	98
34) 2-Methylnaphthalene	12.29	142	113217	2.542	ng/ul	100
35) 1-Methylnaphthalene	12.50	142	85329	1.646	ng/ul	99
45) Dimethylphthalate	13.93	163	61974	1.106	ng/ul	99
48) Acenaphthylene	14.19	152	80746	1.190	ng/ul	98
54) Dibenzofuran	14.87	168	72069	1.077	ng/ul	99
70) Phenanthrene	17.27	178	831067	9.669	ng/ul	100
72) Anthracene	17.37	178	221494	2.573	ng/ul	99
75) Carbazole	17.64	167	85312	1.199	ng/ul	99
77) Fluoranthene	19.25	202	2014040	20.658	ng/ul	100
80) Pyrene	19.60	202	1700407	17.548	ng/ul	100
83) Benzo(a)anthracene	21.32	228	1315494	13.717	ng/ul	98
85) Chrysene	21.37	228	1255058	13.554	ng/ul	98
88) Benzo(b)fluoranthene	22.97	252	2077218	20.284	ng/ul	99
89) Benzo(k)fluoranthene	22.97	252	2077218	20.906	ng/ul	98
91) Benzo(a)pyrene	23.59	252	1362780	14.427	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.12	276	989998	8.295	ng/ul	96
93) Dibenzo(a,h)anthracene	26.12	278	255759	2.573	ng/ul#	82
94) Benzo(g,h,i)perylene	26.86	276	761585	7.606	ng/ul	98

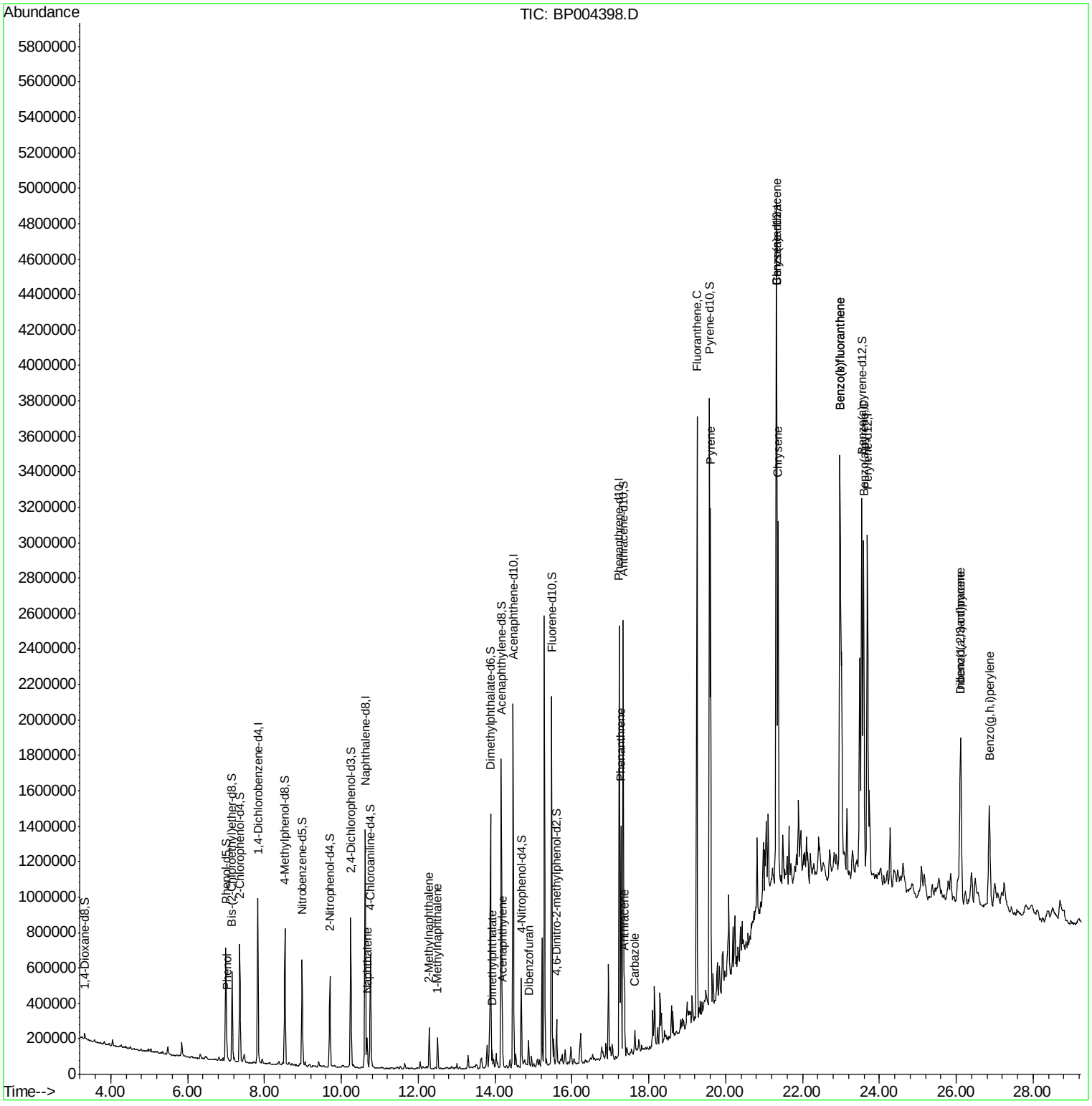
(#) = qualifier out of range (m) = manual integration (+) = signals summed

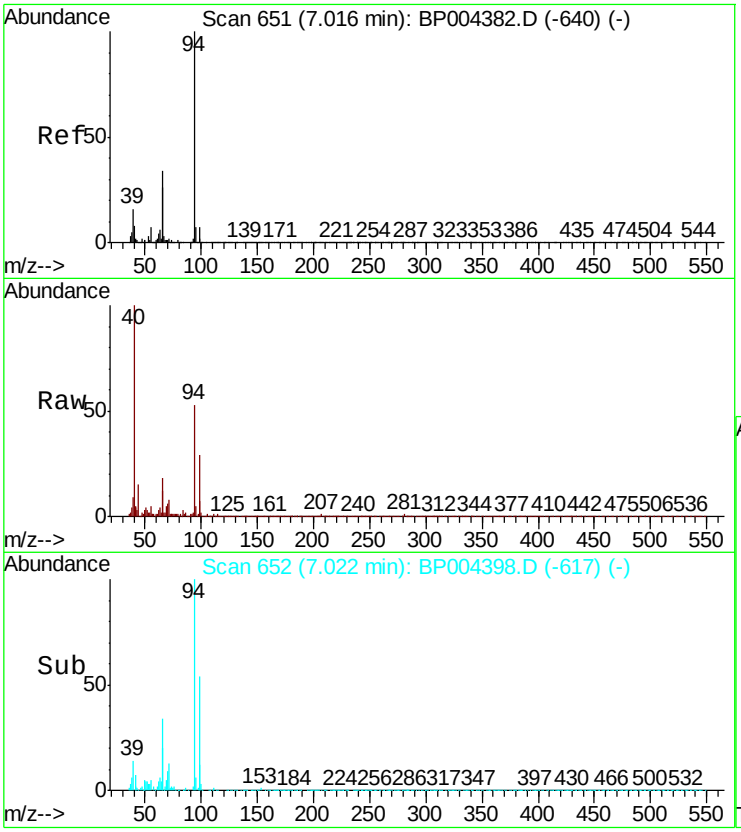
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004398.D
Acq On : 19 Dec 2020 17:19
Operator : CG/JU
Sample : L5151-06
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AE8

Quant Time: Dec 21 03:01:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 02:36:02 2020
Response via : Initial Calibration



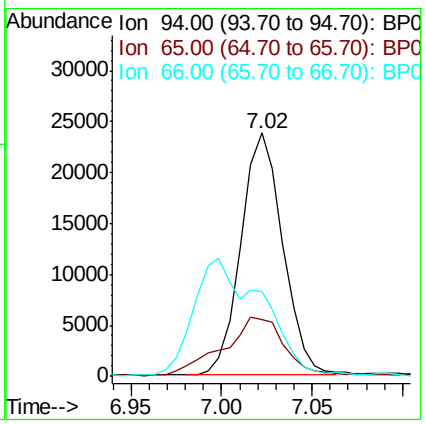


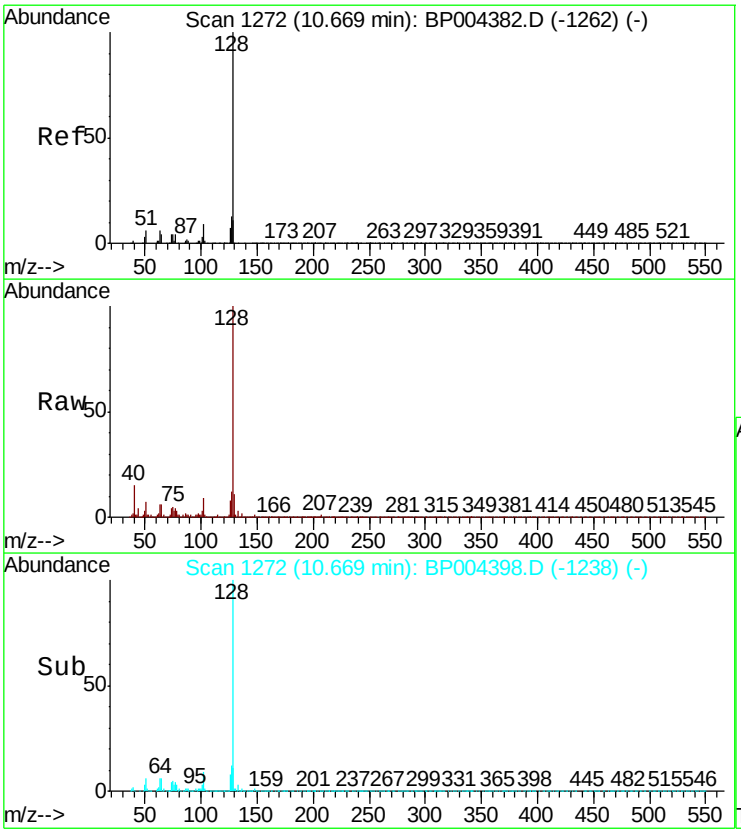
#6
Phenol
Concen: 1.584 ng/ul
RT: 7.02 min Scan# 652
Delta R.T. 0.01 min
Lab File: BP004398.D
Acq: 19 Dec 2020 17:19

Instrument :
BNA_P
ClientSampleId :
C0AE8

Tgt Ion: 94 Resp: 38056

Ion	Ratio	Lower	Upper
94	100		
65	23.3	20.3	30.5
66	34.8	26.2	39.2

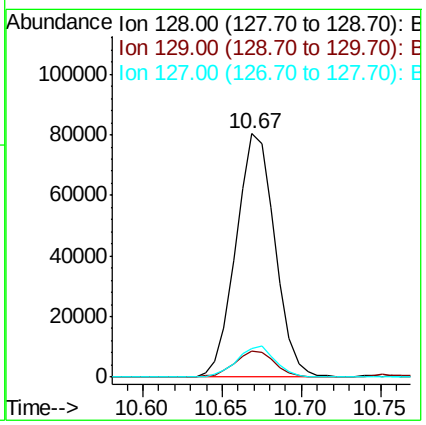


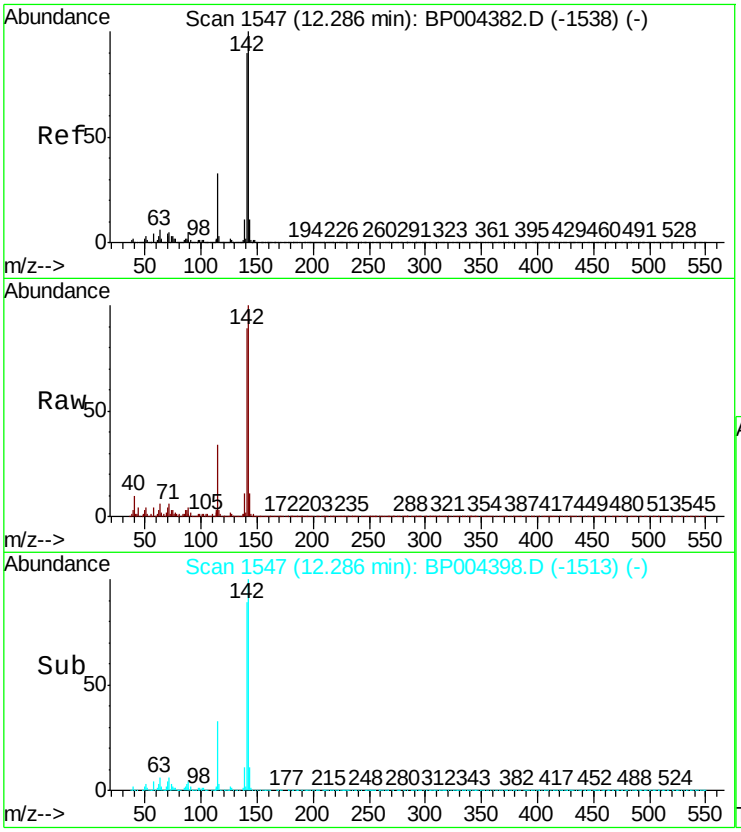


#28
Naphthalene
Concen: 2.111 ng/ul
RT: 10.67 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BP004398.D
Acq: 19 Dec 2020 17:19

Tgt Ion:128 Resp: 136310

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	11.9	10.4	15.6



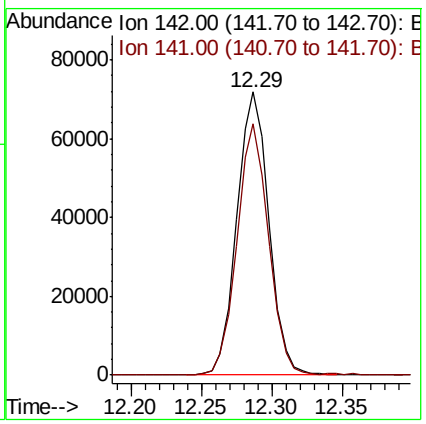


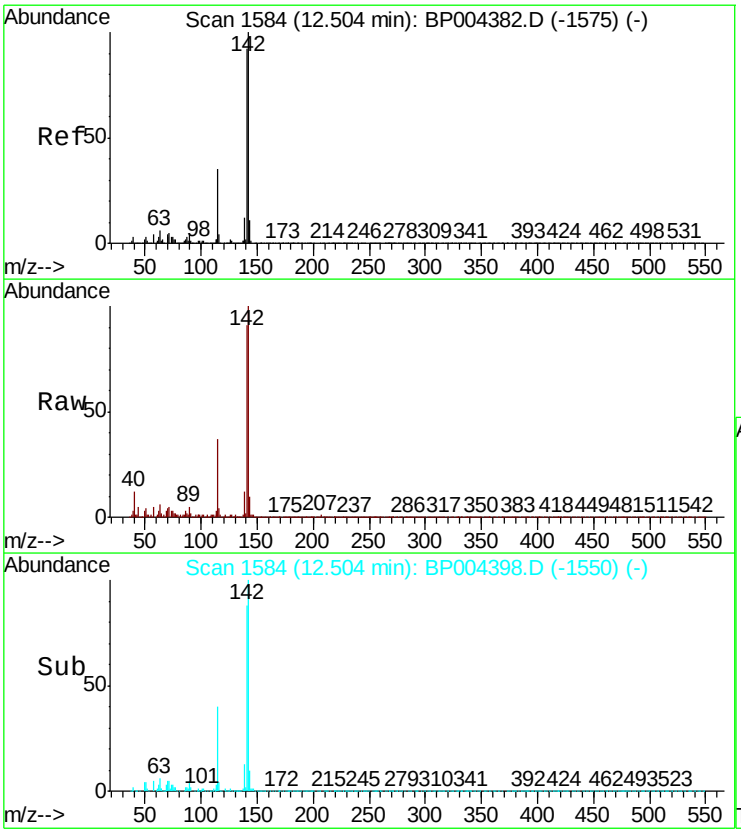
#34
2-Methylnaphthalene
Concen: 2.542 ng/ul
RT: 12.29 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BP004398.D
Acq: 19 Dec 2020 17:19

Instrument :
BNA_P
ClientSampleId :
C0AE8

Tgt Ion:142 Resp: 113217

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.2	106.8

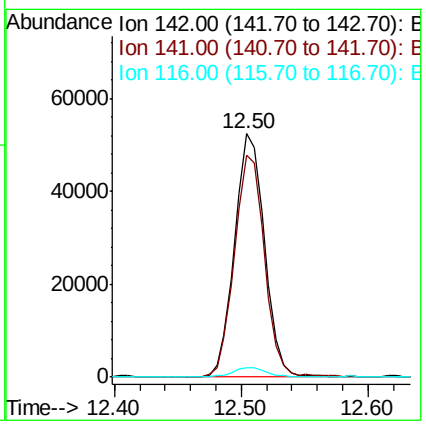


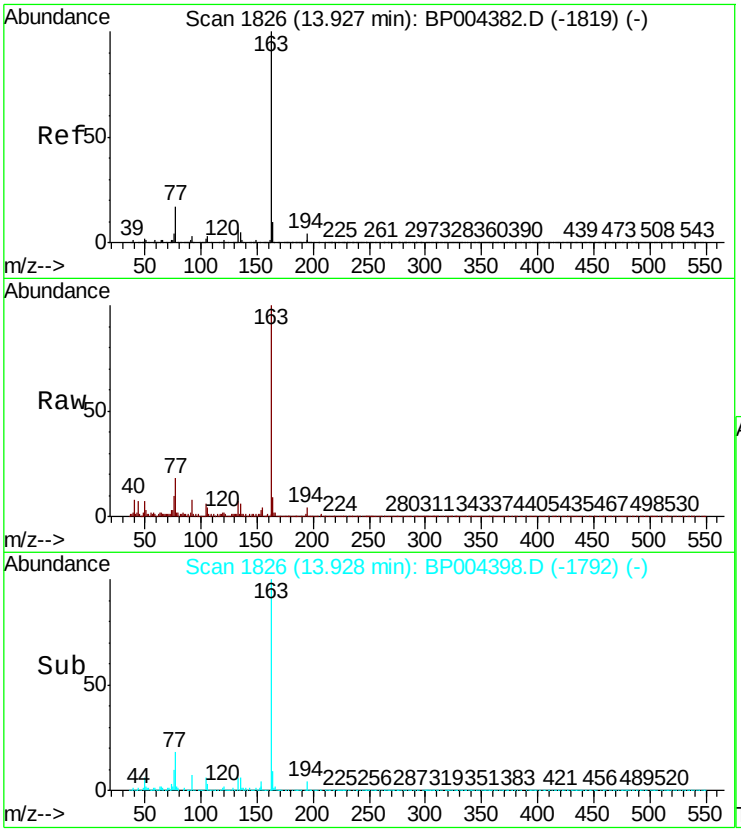


#35
1-Methylnaphthalene
Concen: 1.646 ng/ul
RT: 12.50 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BP004398.D
Acq: 19 Dec 2020 17:19

Tgt Ion:142 Resp: 85329

Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.5	110.3
116	3.8	2.9	4.3



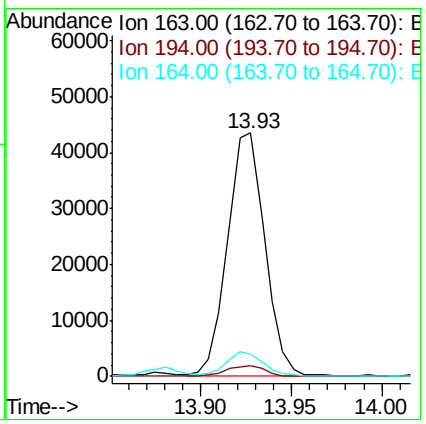


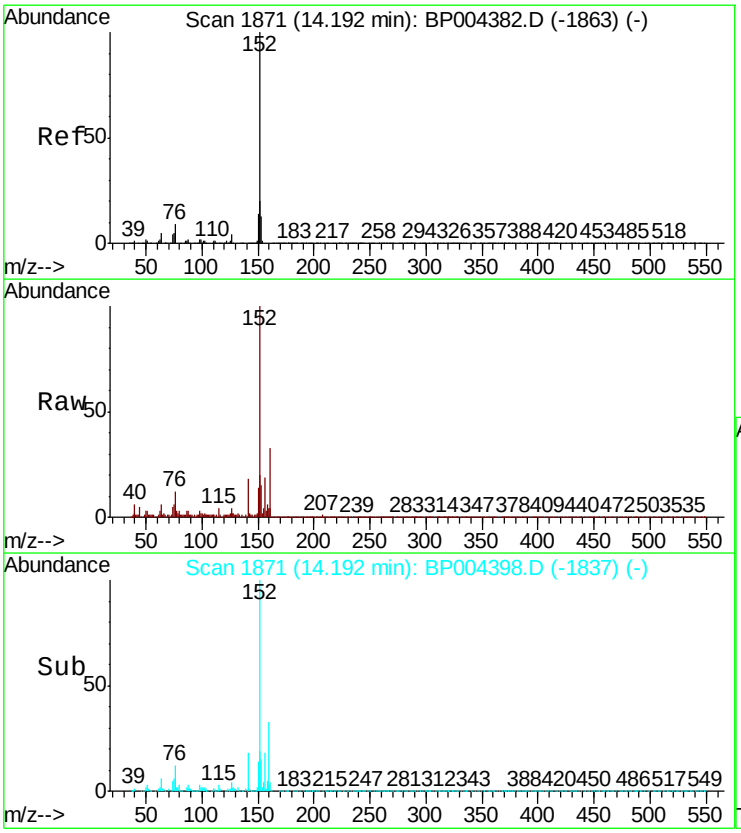
#45
Dimethylphthalate
Concen: 1.106 ng/ul
RT: 13.93 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BP004398.D
Acq: 19 Dec 2020 17:19

Instrument :
BNA_P
ClientSampleId :
C0AE8

Tgt Ion:163 Resp: 61974

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	9.3	7.8	11.8

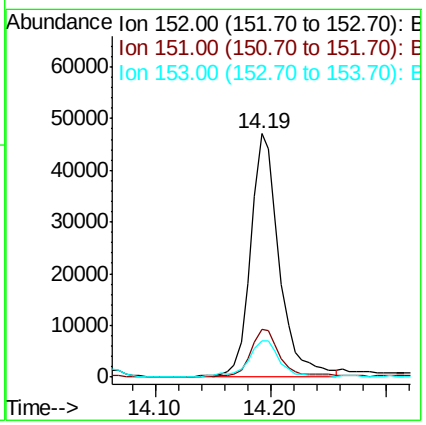


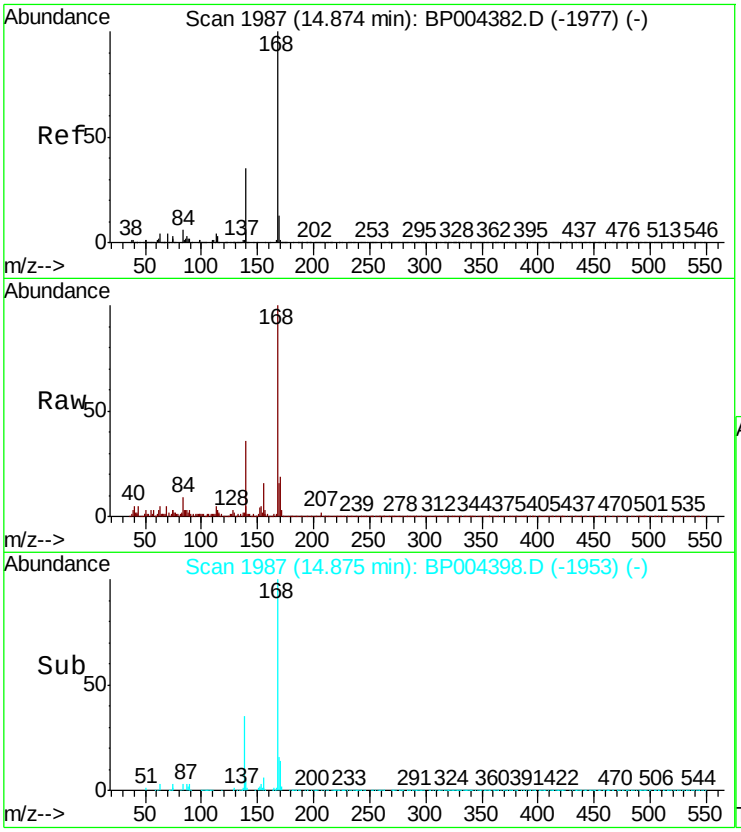


#48
Acenaphthylene
Concen: 1.190 ng/ul
RT: 14.19 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BP004398.D
Acq: 19 Dec 2020 17:19

Tgt Ion:152 Resp: 80746

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	14.8	10.6	15.8



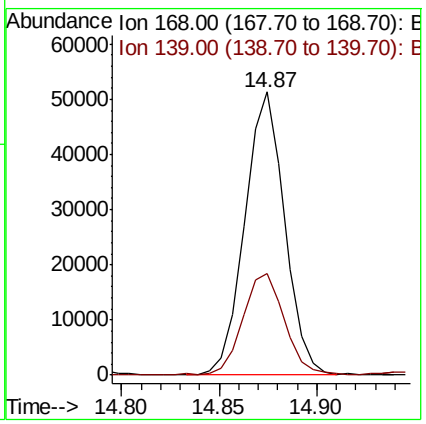


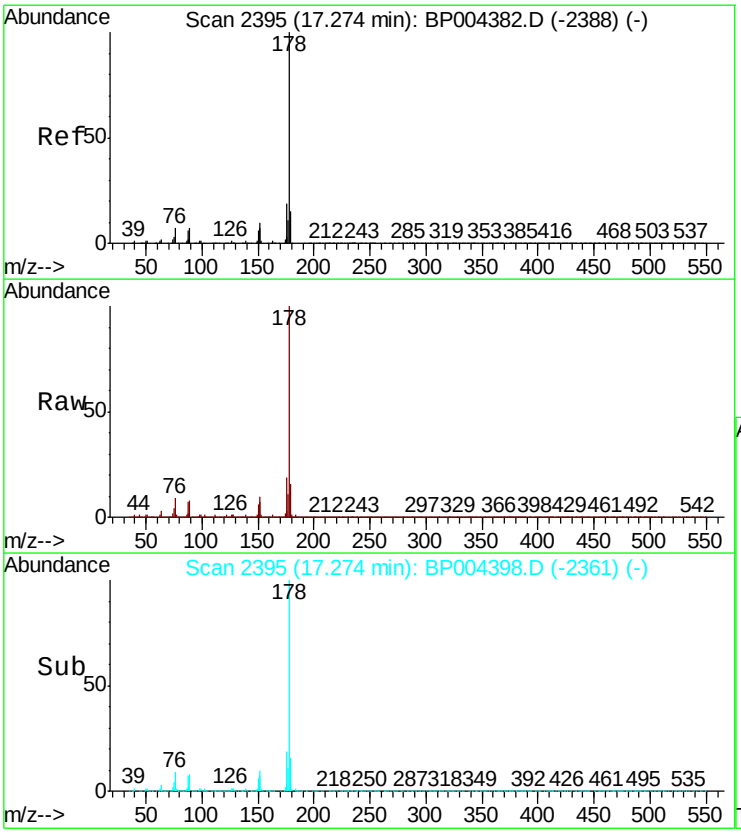
#54
Dibenzofuran
Concen: 1.077 ng/ul
RT: 14.87 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BP004398.D
Acq: 19 Dec 2020 17:19

Instrument :
BNA_P
ClientSampleId :
C0AE8

Tgt Ion:168 Resp: 72069

Ion	Ratio	Lower	Upper
168	100		
139	36.0	28.3	42.5

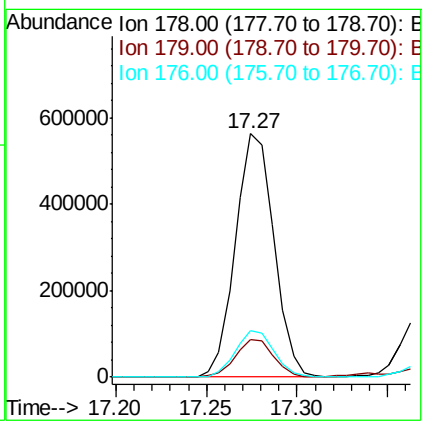


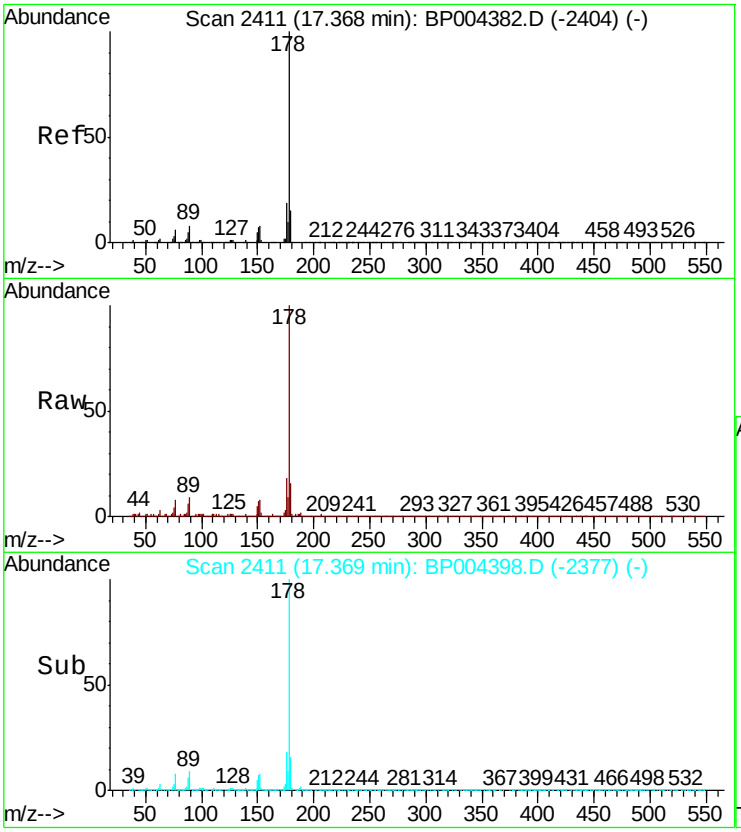


#70
Phenanthrene
Concen: 9.669 ng/ul
RT: 17.27 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BP004398.D
Acq: 19 Dec 2020 17:19

Tgt Ion:178 Resp: 831067

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	19.0	15.3	22.9



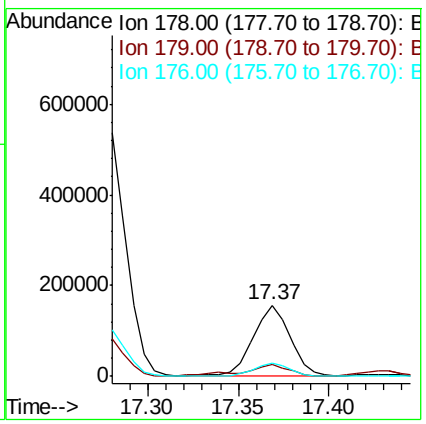


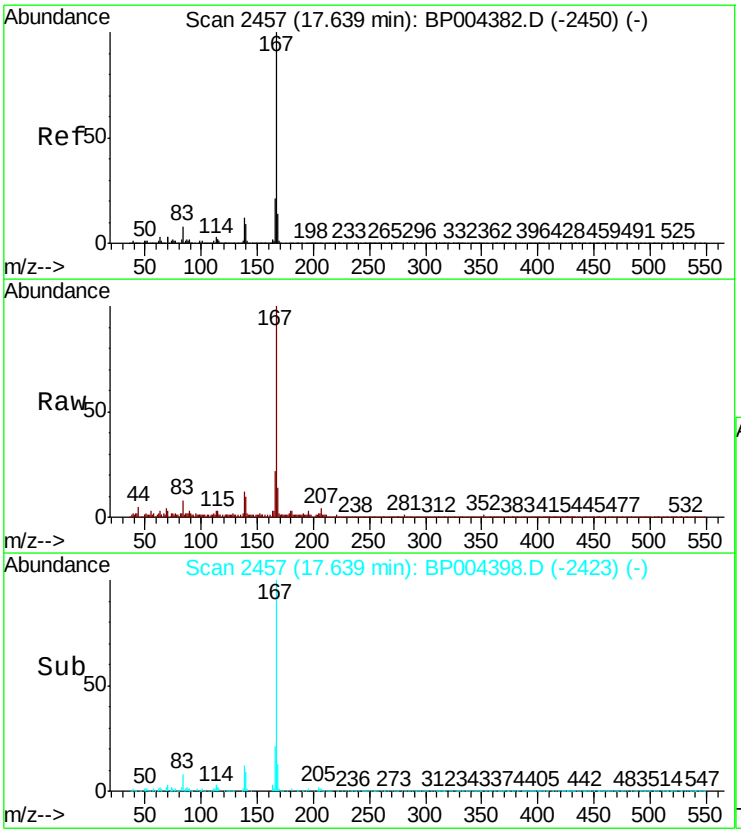
#72
Anthracene
Concen: 2.573 ng/ul
RT: 17.37 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BP004398.D
Acq: 19 Dec 2020 17:19

Instrument :
BNA_P
ClientSampleId :
C0AE8

Tgt Ion:178 Resp: 221494

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	18.4	15.0	22.4

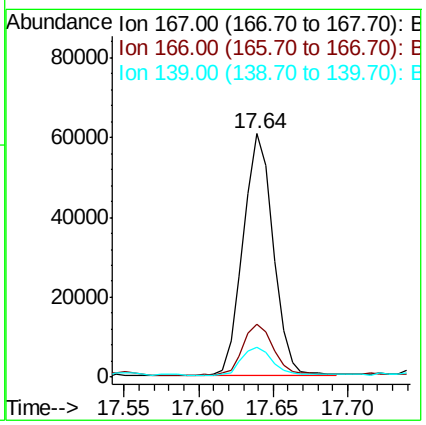


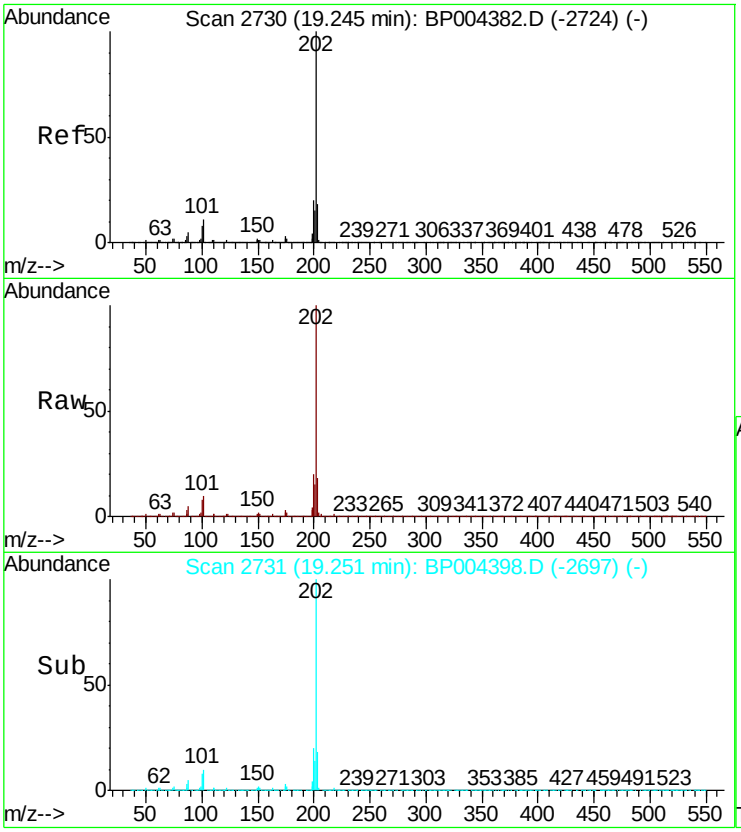


#75
Carbazole
Concen: 1.199 ng/ul
RT: 17.64 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BP004398.D
Acq: 19 Dec 2020 17:19

Tgt Ion:167 Resp: 85312

Ion	Ratio	Lower	Upper
167	100		
166	21.6	16.9	25.3
139	12.2	9.5	14.3



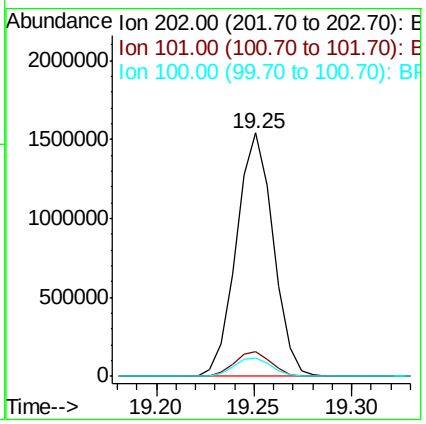


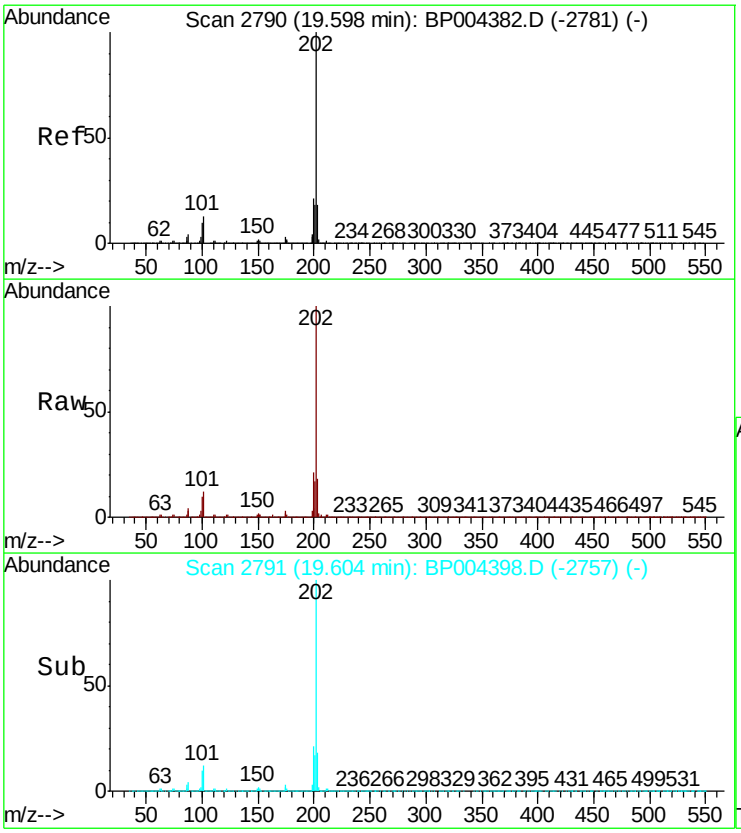
#77
Fluoranthene
Concen: 20.658 ng/ul
RT: 19.25 min Scan# 2731
Delta R.T. -0.00 min
Lab File: BP004398.D
Acq: 19 Dec 2020 17:19

Instrument :
BNA_P
ClientSampleId :
C0AE8

Tgt Ion:202 Resp: 2014040

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.0	12.0
100	7.7	6.2	9.4

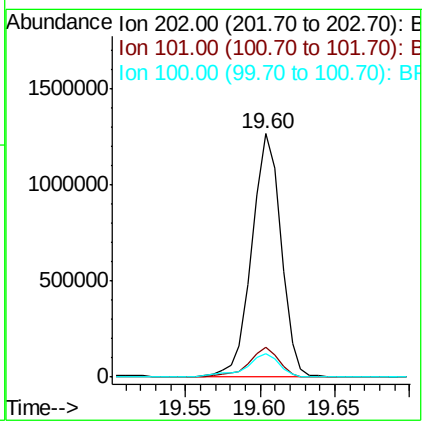


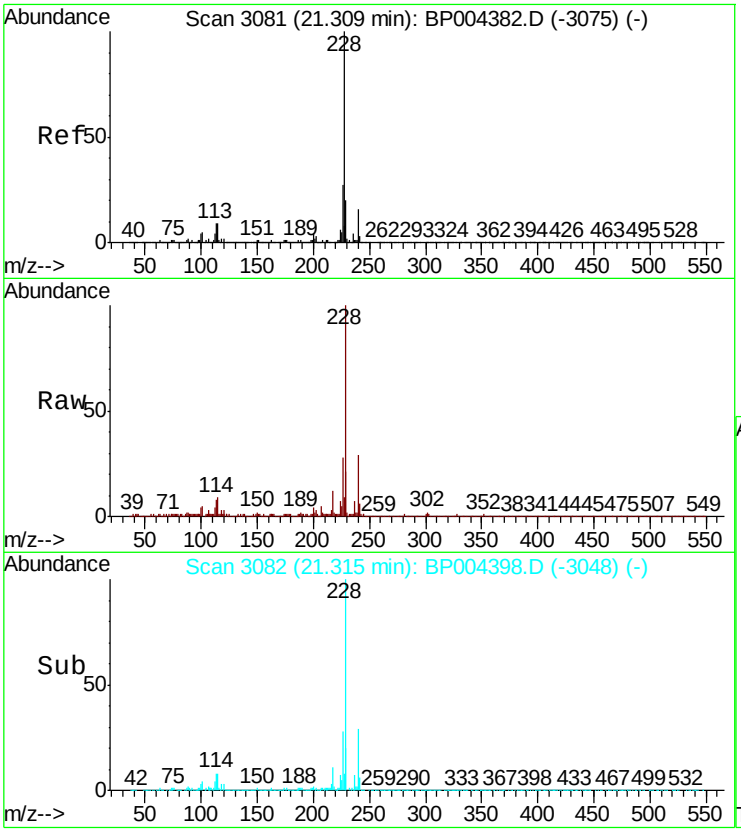


#80
Pyrene
Concen: 17.548 ng/ul
RT: 19.60 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BP004398.D
Acq: 19 Dec 2020 17:19

Tgt Ion:202 Resp: 1700407

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.8
100	9.8	8.0	12.0



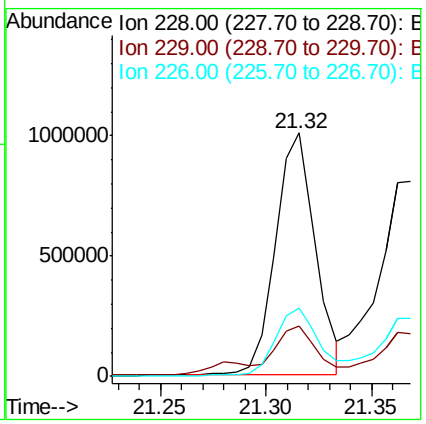


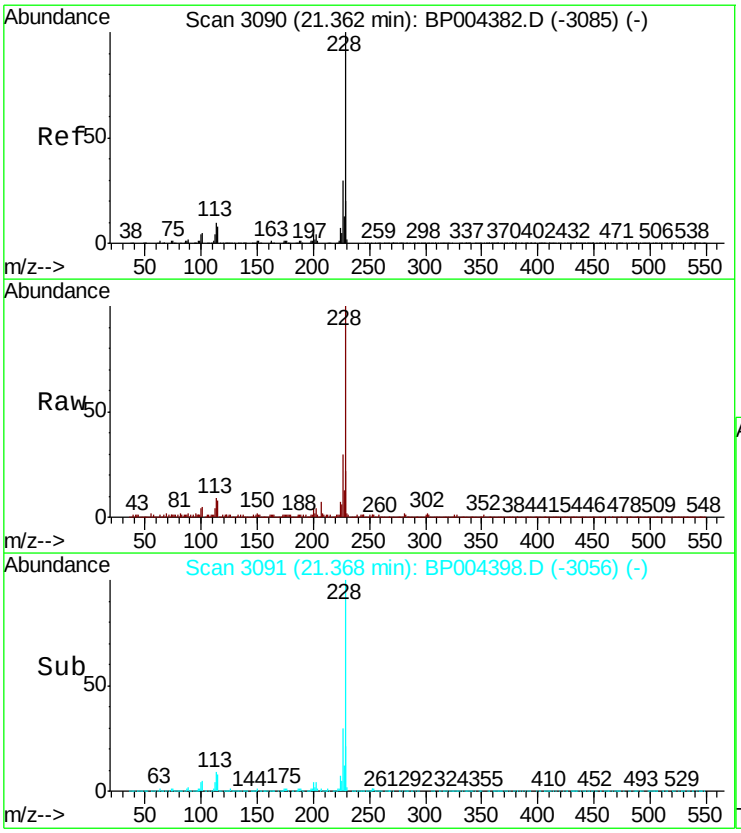
#83
Benzo(a)anthracene
Concen: 13.717 ng/ul
RT: 21.32 min Scan# 3082
Delta R.T. -0.00 min
Lab File: BP004398.D
Acq: 19 Dec 2020 17:19

Instrument :
BNA_P
ClientSampleId :
C0AE8

Tgt Ion:228 Resp: 1315494

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.4	23.2
226	28.1	21.6	32.4

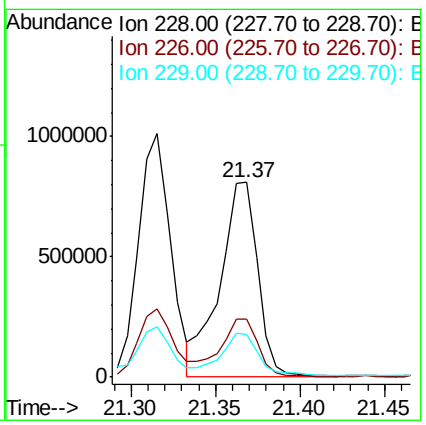


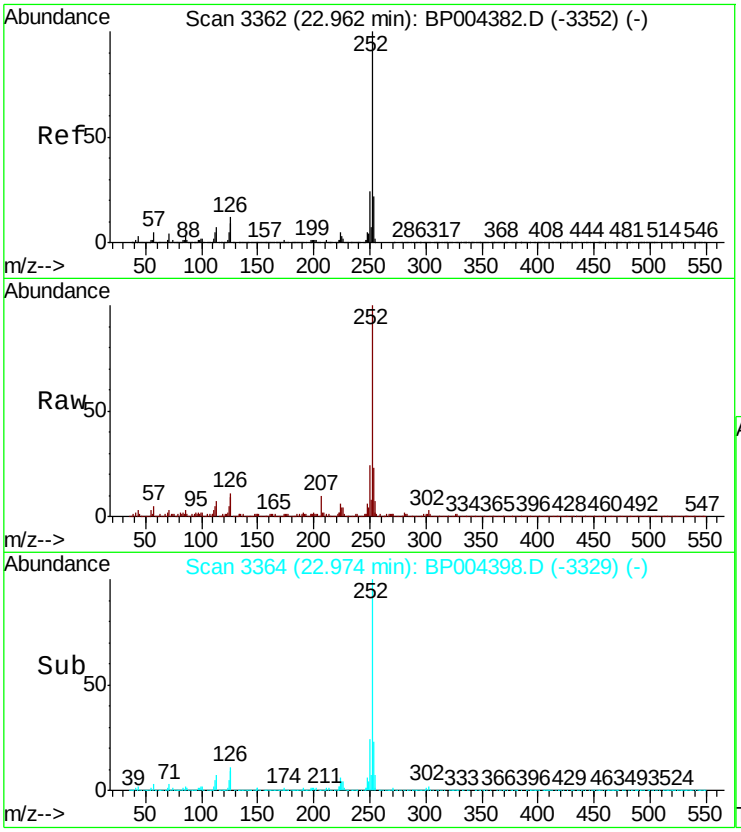


#85
Chrysene
Concen: 13.554 ng/ul
RT: 21.37 min Scan# 3091
Delta R.T. 0.01 min
Lab File: BP004398.D
Acq: 19 Dec 2020 17:19

Tgt Ion:228 Resp: 1255058

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	21.8	15.8	23.6



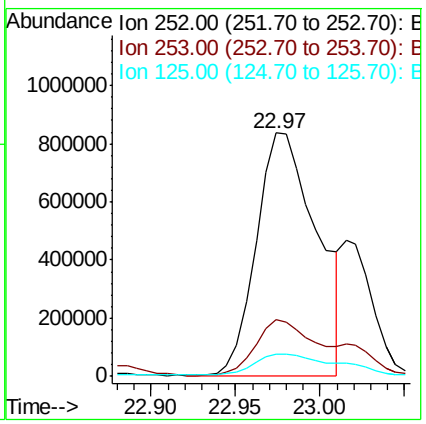


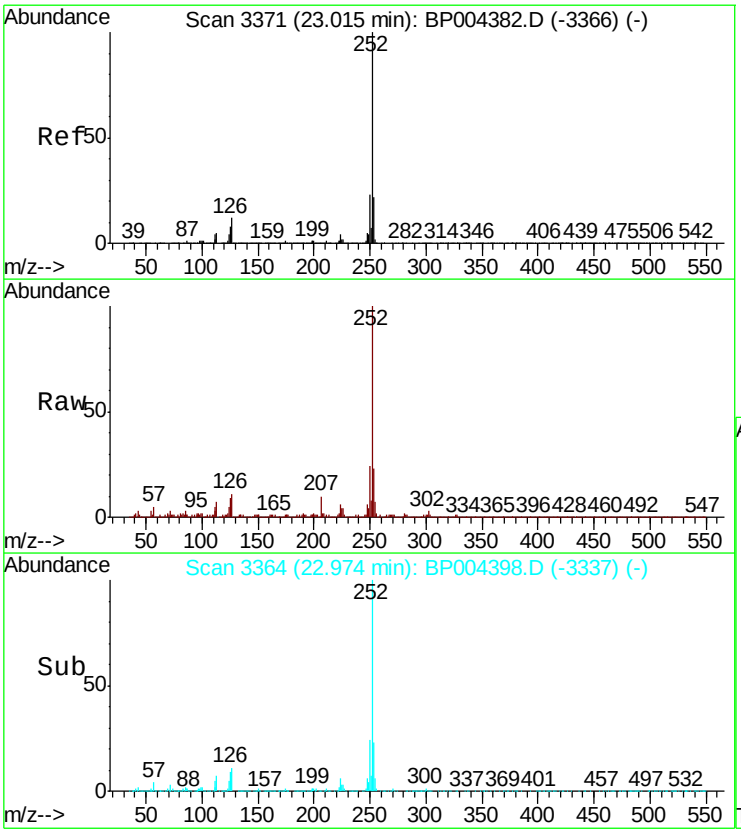
#88
Benzo(b)fluoranthene
Concen: 20.284 ng/ul
RT: 22.97 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BP004398.D
Acq: 19 Dec 2020 17:19

Instrument :
BNA_P
ClientSampleId :
C0AE8

Tgt Ion:252 Resp: 2077218

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	9.2	7.2	10.8

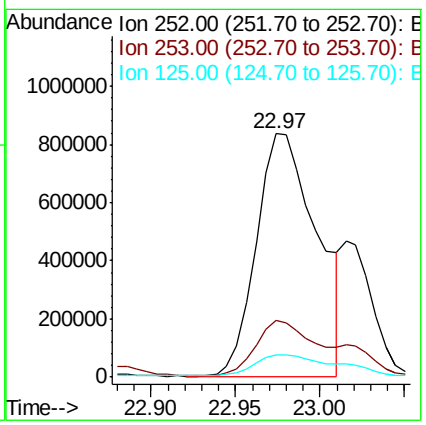


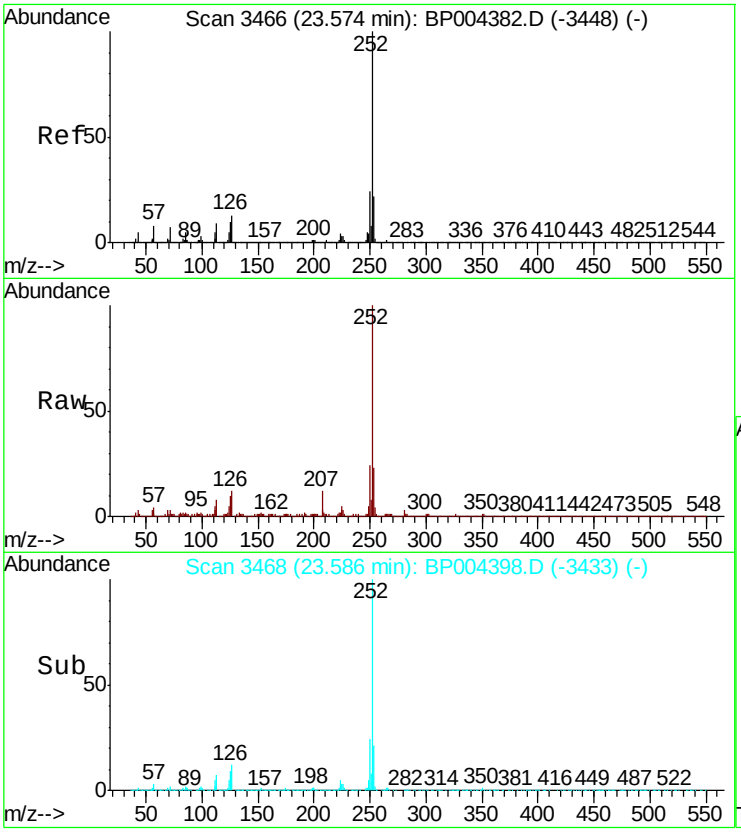


#89
Benzo(k)fluoranthene
Concen: 20.906 ng/ul
RT: 22.97 min Scan# 3364
Delta R.T. -0.04 min
Lab File: BP004398.D
Acq: 19 Dec 2020 17:19

Tgt Ion:252 Resp: 2077218

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	9.2	7.2	10.8



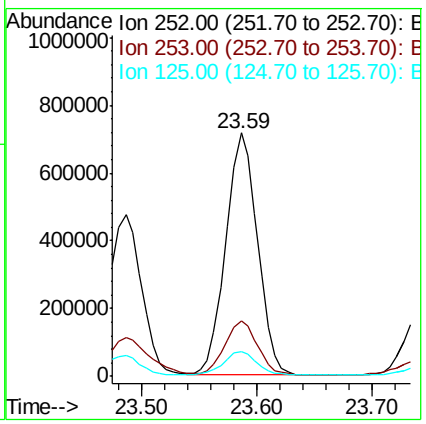


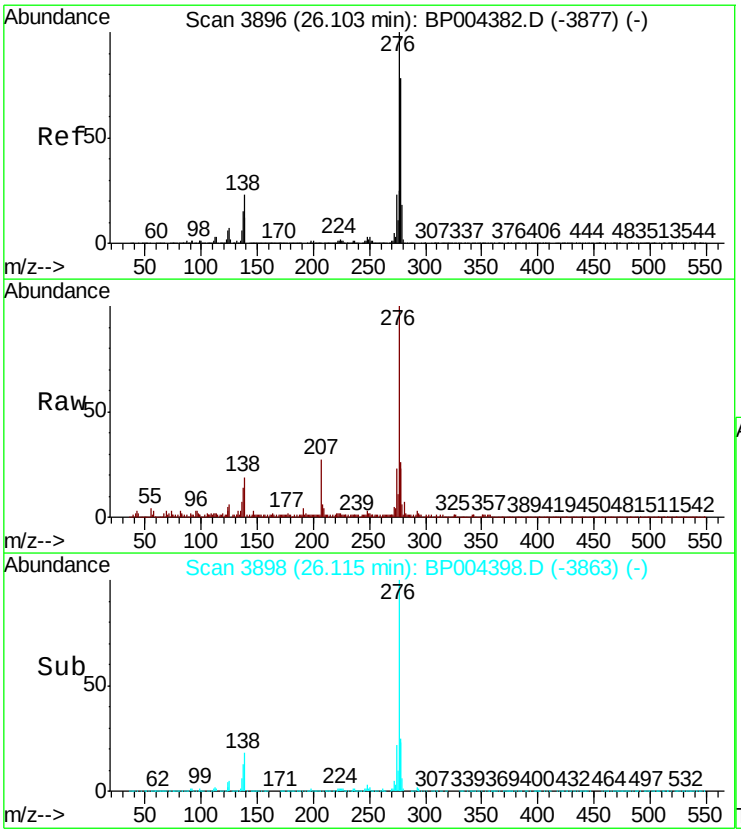
#91
Benzo(a)pyrene
Concen: 14.427 ng/ul
RT: 23.59 min Scan# 3468
Delta R.T. 0.01 min
Lab File: BP004398.D
Acq: 19 Dec 2020 17:19

Instrument :
BNA_P
ClientSampleId :
C0AE8

Tgt Ion:252 Resp: 1362780

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	9.9	8.1	12.1

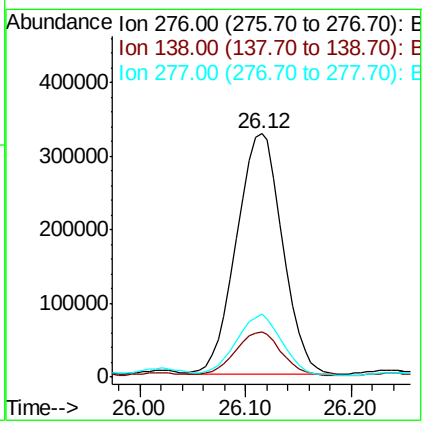


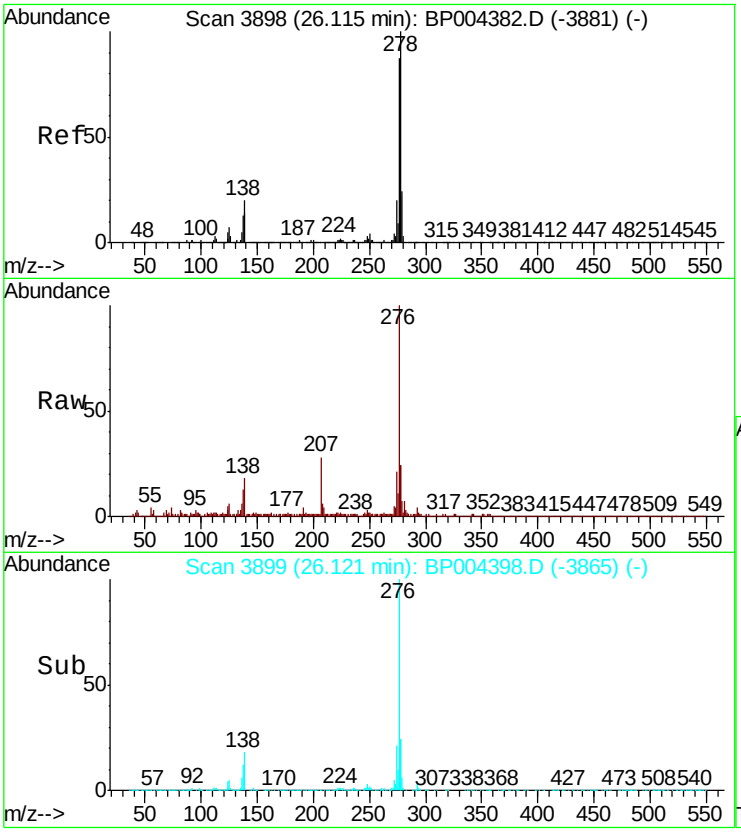


#92
Indeno(1,2,3-cd)pyrene
Concen: 8.295 ng/ul
RT: 26.12 min Scan# 3898
Delta R.T. 0.01 min
Lab File: BP004398.D
Acq: 19 Dec 2020 17:19

Tgt Ion:276 Resp: 989998

Ion	Ratio	Lower	Upper
276	100		
138	18.7	17.9	26.9
277	25.8	20.3	30.5



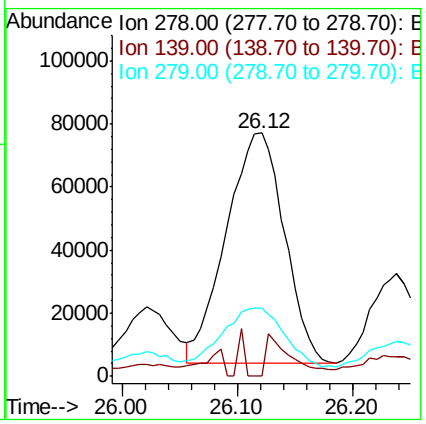


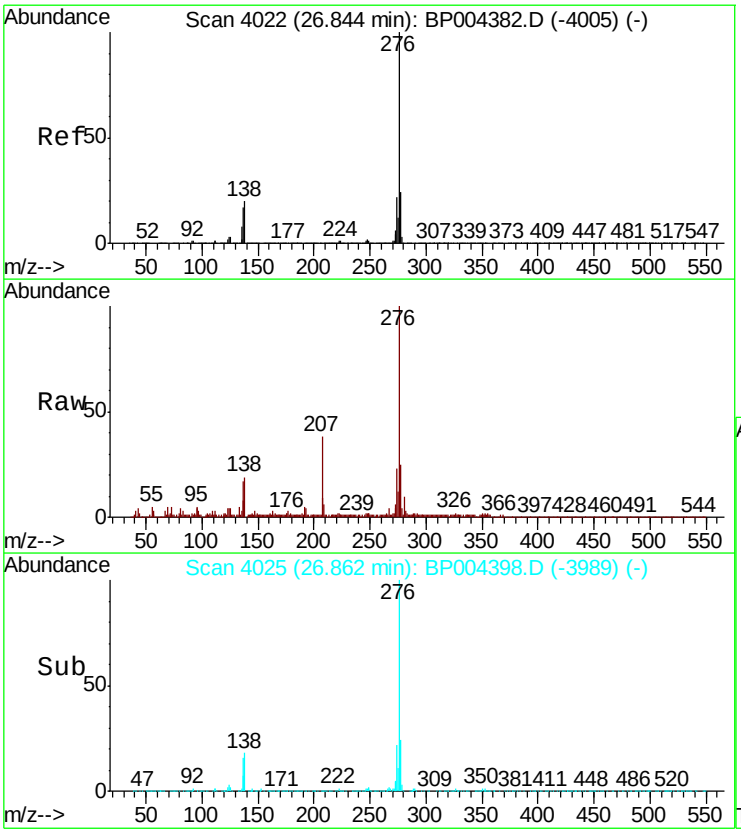
#93
Dibenzo(a,h)anthracene
Concen: 2.573 ng/ul
RT: 26.12 min Scan# 3899
Delta R.T. -0.00 min
Lab File: BP004398.D
Acq: 19 Dec 2020 17:19

Instrument :
BNA_P
ClientSampleId :
C0AE8

Tgt Ion:278 Resp: 255759

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.4	17.2#
279	28.0	19.1	28.7





#94
Benzo(g,h,i)perylene
Concen: 7.606 ng/ul
RT: 26.86 min Scan# 4025
Delta R.T. 0.01 min
Lab File: BP004398.D
Acq: 19 Dec 2020 17:19

Tgt Ion:276 Resp: 761585

Ion	Ratio	Lower	Upper
276	100		
138	18.6	15.8	23.6
277	24.6	18.7	28.1