Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004346.D
Acq On : 17 Dec 2020 18:14
Operator : CG/JU
Sample : L5067-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E4

Quant Time: Dec 18 00:41:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 00:21:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	218045	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.63	136	902719	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.48	164	561474	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.24	188	1227651	20.00	ng/ul	-0.01
78) Chrysene-d12	21.34	240	1247480	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	1328925	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	15963	2.57	ng/uL	0.00
5) Phenol-d5	6.99	99	331496	18.38	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.16	67	189896	16.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	275459	20.12	ng/ul	-0.01
13) 4-Methylphenol-d8	8.53	113	242541	17.80	ng/ul	-0.01
19) Nitrobenzene-d5	8.99	128	140054	18.94	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.71	143	150393	24.66	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.25	165	268097	20.00	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.76	131	306385	18.43	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	809959	18.87	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1066961	19.48	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.67	143	115238	15.90	ng/ul	-0.01
58) Fluorene-d10	15.48	176	731464	18.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	81492	13.84	ng/ul	-0.01
71) Anthracene-d10	17.34	188	1151765	19.25	ng/ul	-0.01
79) Pyrene-d10	19.59	212	1359878	20.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	1451541	20.73	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	7.02	94	115596	6.138	ng/ul	99
45) Dimethylphthalate	13.93	163	97704	2.235	ng/ul	98
70) Phenanthrene	17.28	178	143651	1.983	ng/ul	99
77) Fluoranthene	19.26	202	292455	3.782	ng/ul	98
80) Pyrene	19.61	202	270300	3.212	ng/ul	98
83) Benzo(a)anthracene	21.32	228	152231	1.851	ng/ul	97
85) Chrysene	21.37	228	153124	1.898	ng/ul	97
88) Benzo(b)fluoranthene	22.99	252	196303	2.329	ng/ul#	90
91) Benzo(a)pyrene	23.60	252	150072	1.908	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	26.13	276	102158	1.036	ng/ul	94
94) Benzo(g,h,i)perylene	26.87	276	106688	1.289	ng/ul	98

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

Quantitation Report (LSC Reviewed)

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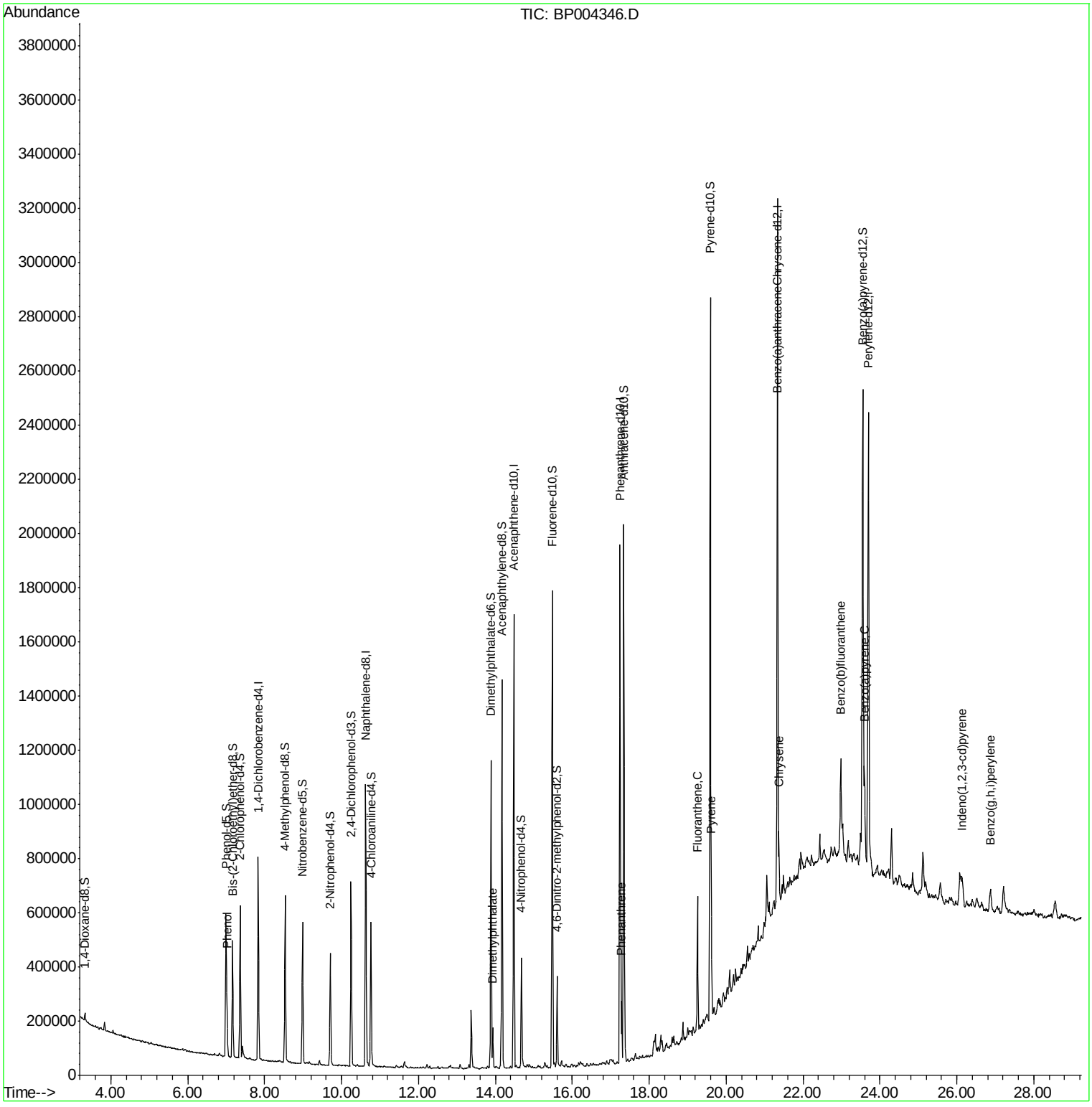
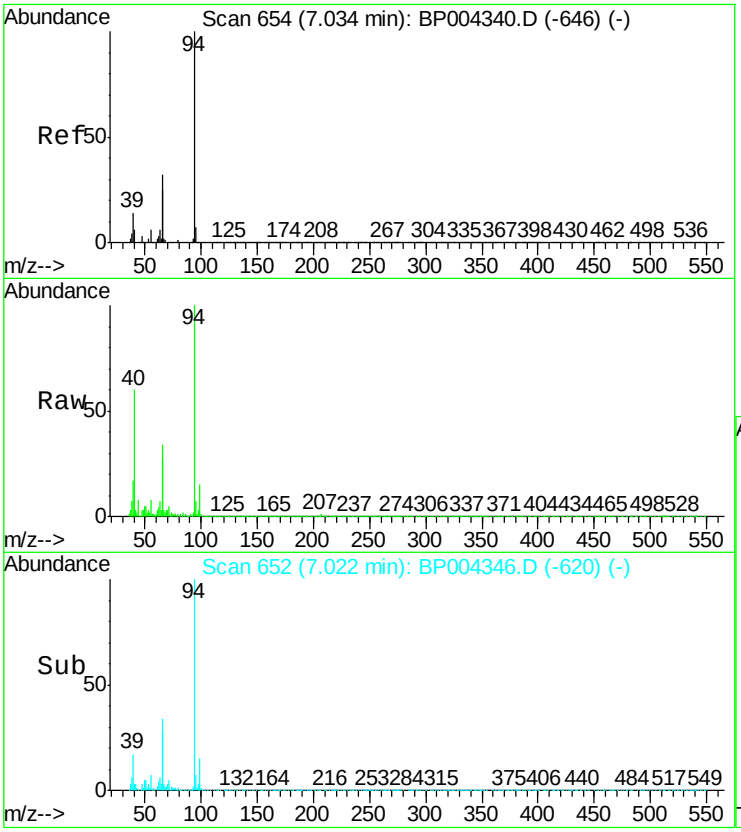
Acq On : 17 Dec 2020 18:14
Operator : CG/JU
Sample : L5067-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E4

Quant Time: Dec 18 00:41:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 00:21:01 2020
Response via : Initial Calibration



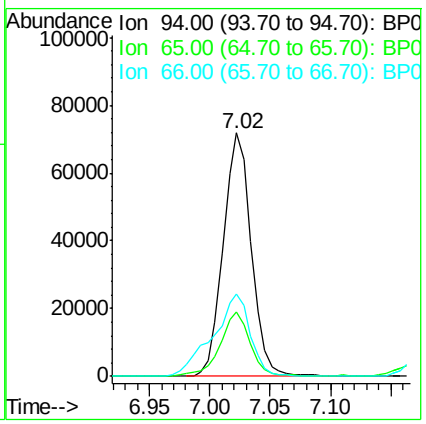


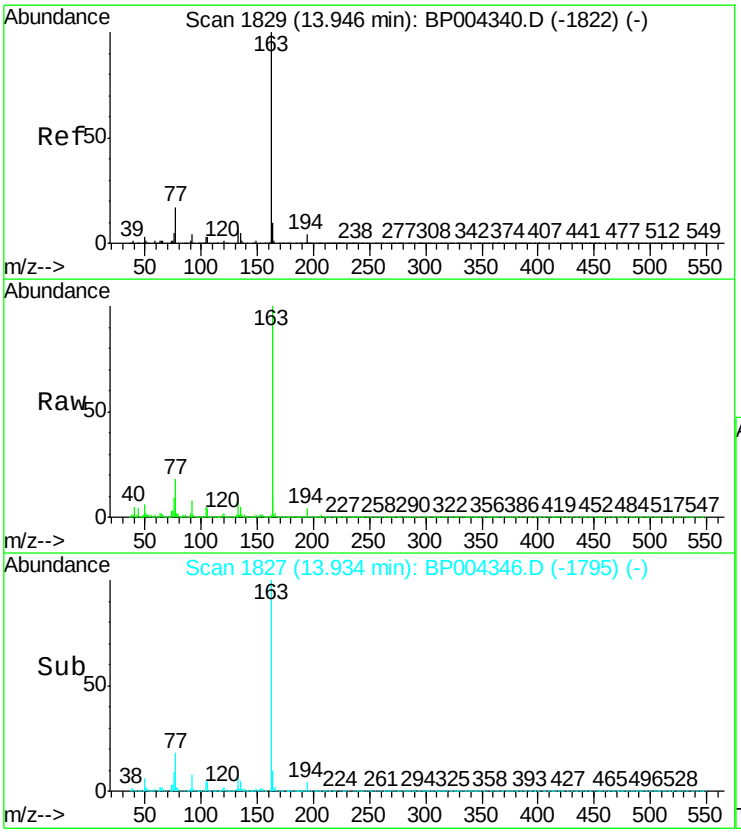
#6
Phenol
Concen: 6.138 ng/ul
RT: 7.02 min Scan# 652
Delta R.T. -0.01 min
Lab File: BP004346.D
Acq: 17 Dec 2020 18:14

Instrument :
BNA_P
ClientSampleId :
A54E4

Tgt Ion: 94 Resp: 115596

Ion	Ratio	Lower	Upper
94	100		
65	26.6	20.8	31.2
66	33.9	26.5	39.7

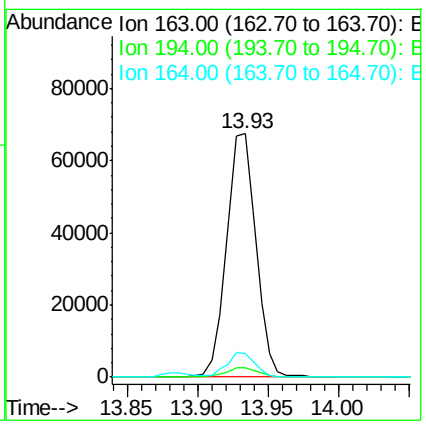


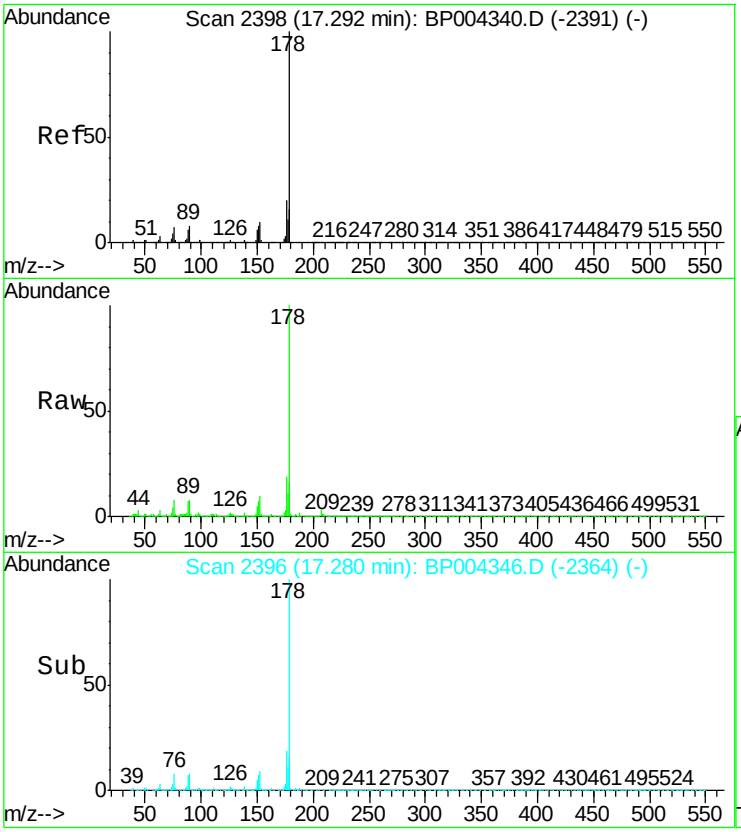


#45
Dimethylphthalate
Concen: 2.235 ng/ul
RT: 13.93 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BP004346.D
Acq: 17 Dec 2020 18:14

Tgt Ion:163 Resp: 97704

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	9.7	8.4	12.6



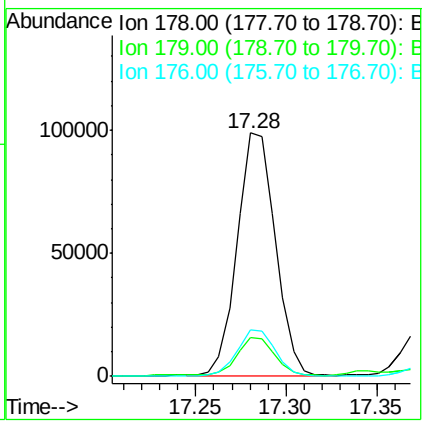


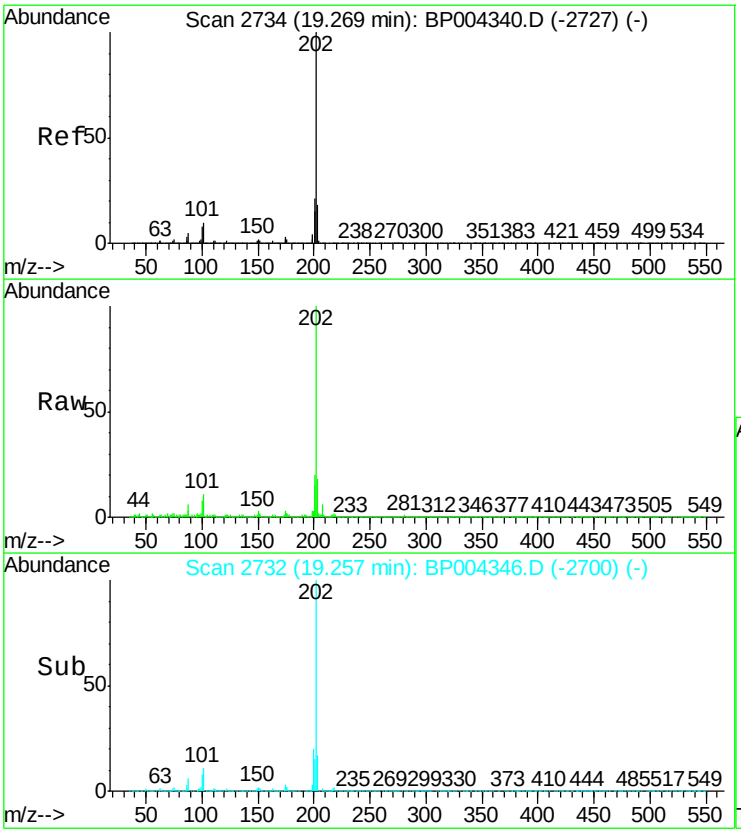
#70
Phenanthrene
Concen: 1.983 ng/ul
RT: 17.28 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BP004346.D
Acq: 17 Dec 2020 18:14

Instrument :
BNA_P
ClientSampleId :
A54E4

Tgt Ion:178 Resp: 143651

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.4	18.6
176	19.1	15.4	23.0

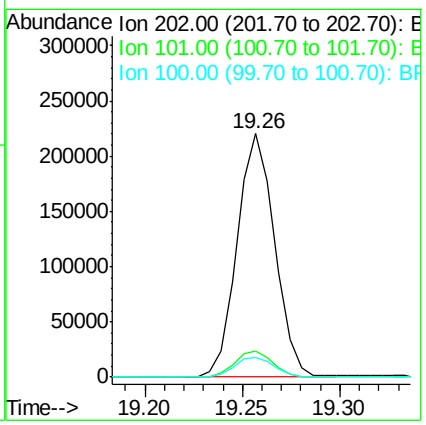


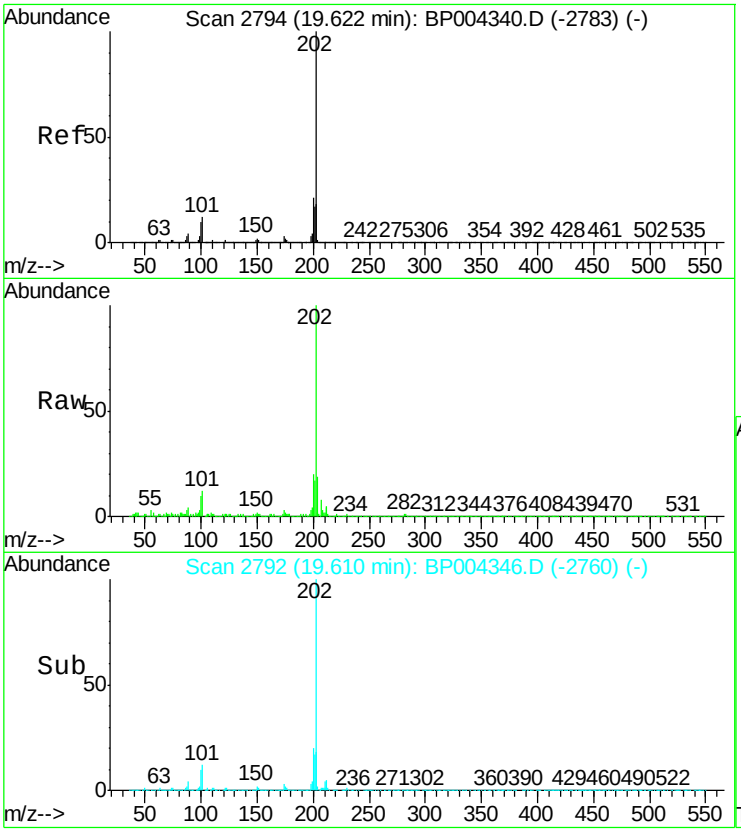


#77
Fluoranthene
Concen: 3.782 ng/ul
RT: 19.26 min Scan# 2732
Delta R.T. -0.01 min
Lab File: BP004346.D
Acq: 17 Dec 2020 18:14

Tgt Ion:202 Resp: 292455

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.1	13.7
100	8.1	7.1	10.7



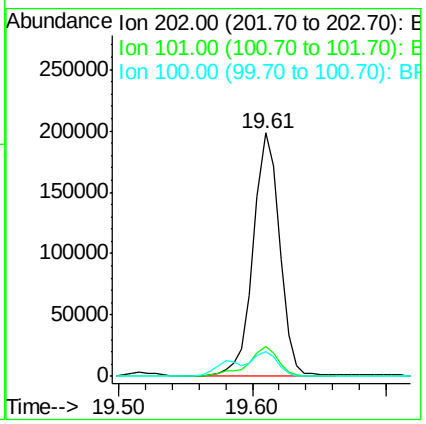


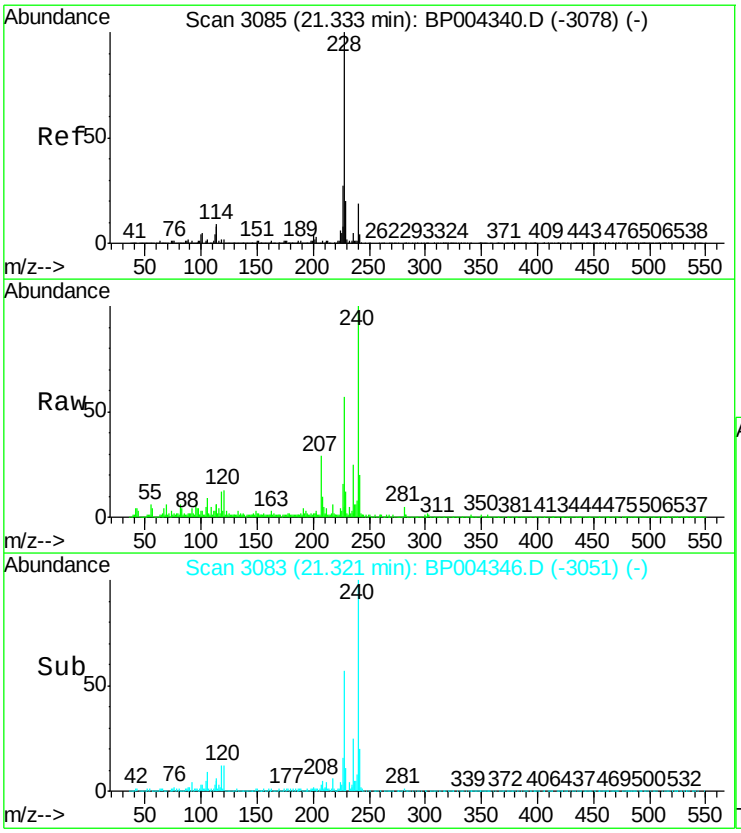
#80
Pyrene
Concen: 3.212 ng/ul
RT: 19.61 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BP004346.D
Acq: 17 Dec 2020 18:14

Instrument :
BNA_P
ClientSampleId :
A54E4

Tgt Ion:202 Resp: 270300

Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.6	15.8
100	10.0	8.6	12.8

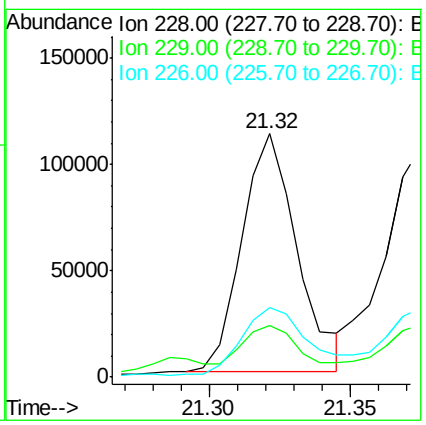


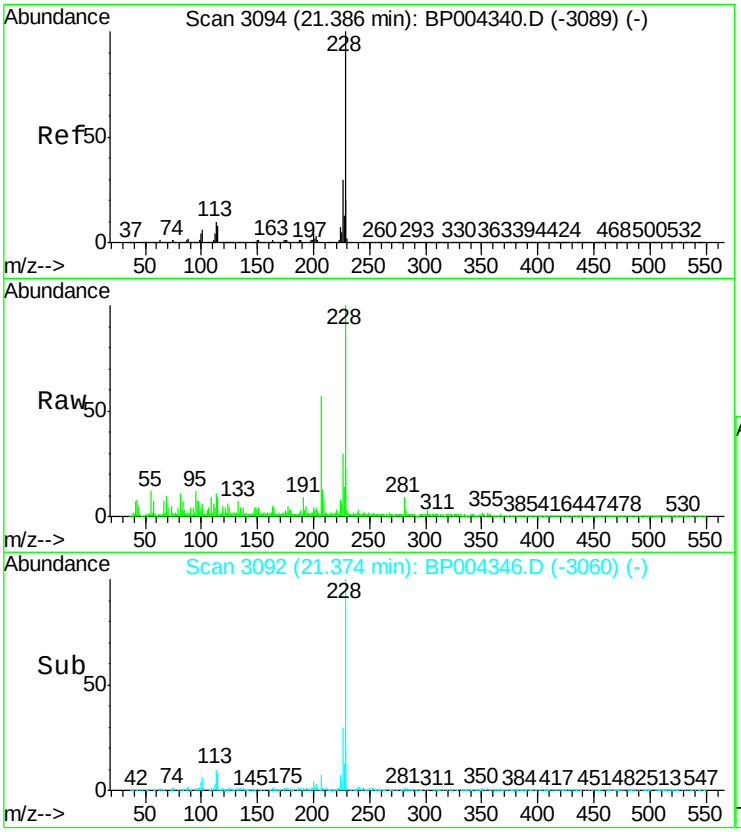


#83
Benzo(a)anthracene
Concen: 1.851 ng/ul
RT: 21.32 min Scan# 3083
Delta R.T. -0.01 min
Lab File: BP004346.D
Acq: 17 Dec 2020 18:14

Tgt Ion:228 Resp: 152231

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.8	23.8
226	28.8	21.7	32.5



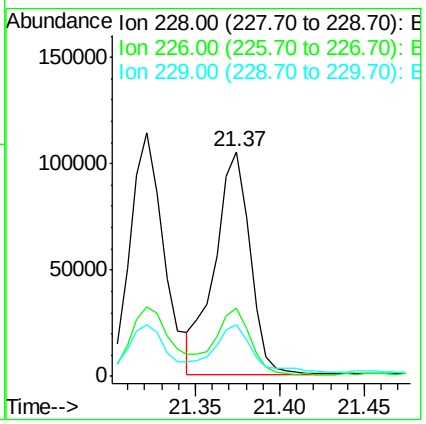


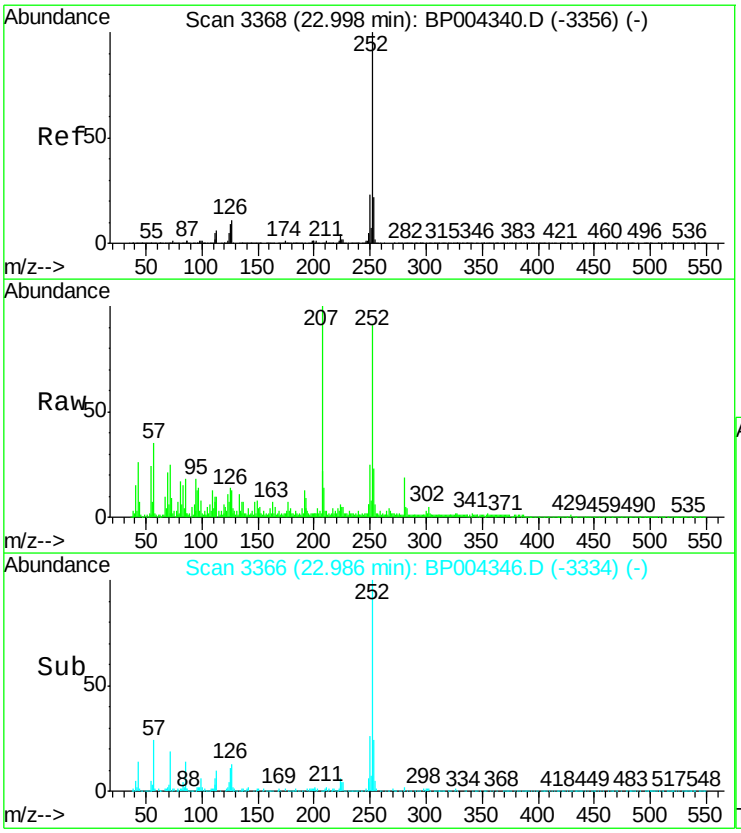
#85
Chrysene
Concen: 1.898 ng/ul
RT: 21.37 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BP004346.D
Acq: 17 Dec 2020 18:14

Instrument :
BNA_P
ClientSampleId :
A54E4

Tgt Ion:228 Resp: 153124

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	22.9	15.8	23.8

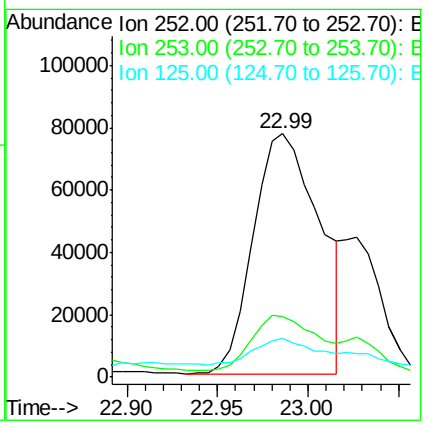


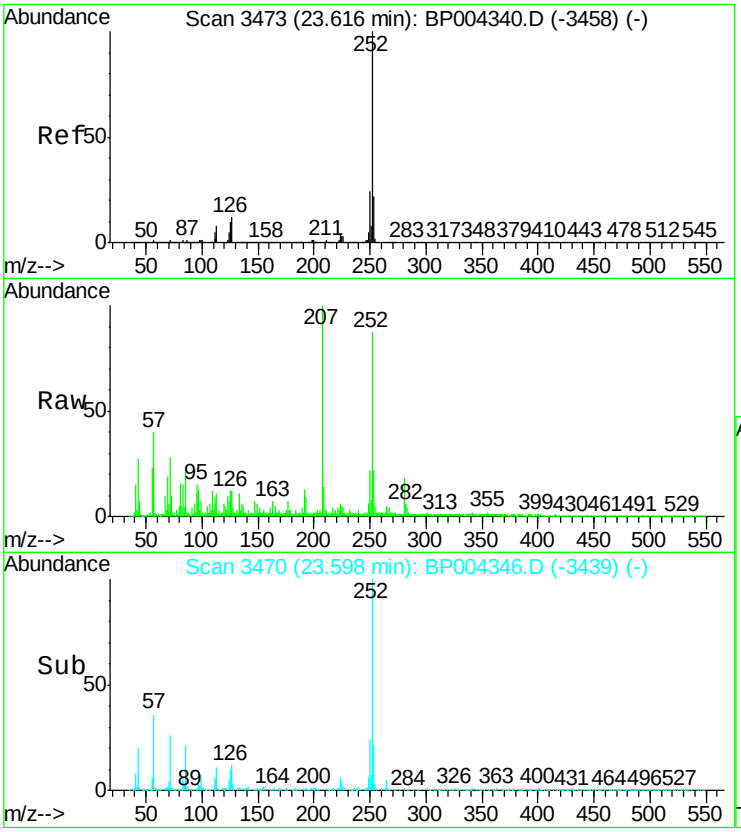


#88
Benzo(b)fluoranthene
Concen: 2.329 ng/ul
RT: 22.99 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BP004346.D
Acq: 17 Dec 2020 18:14

Tgt Ion:252 Resp: 196303

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.6	26.4
125	15.8	7.7	11.5#



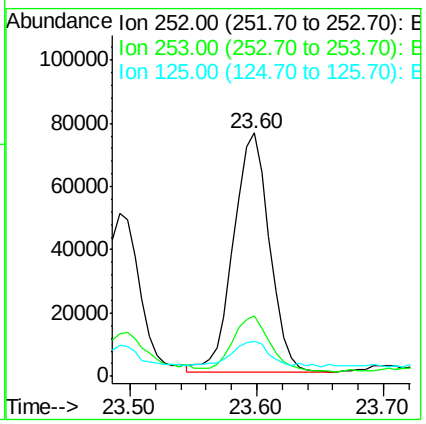


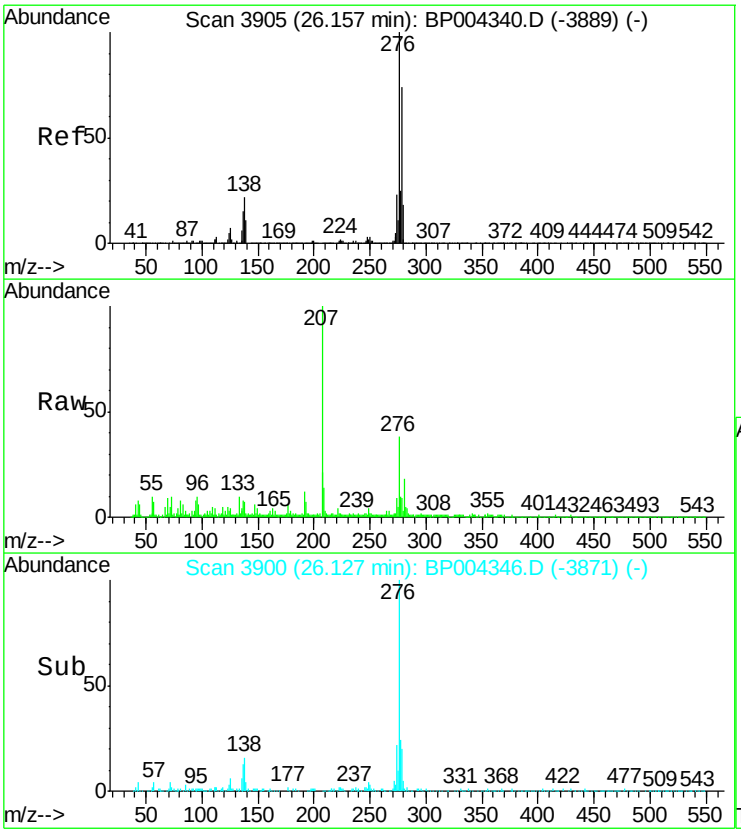
#91
Benzo(a)pyrene
Concen: 1.908 ng/ul
RT: 23.60 min Scan# 3470
Delta R.T. -0.02 min
Lab File: BP004346.D
Acq: 17 Dec 2020 18:14

Instrument :
BNA_P
ClientSampleId :
A54E4

Tgt Ion:252 Resp: 150072

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.3	25.9
125	14.2	7.8	11.6#

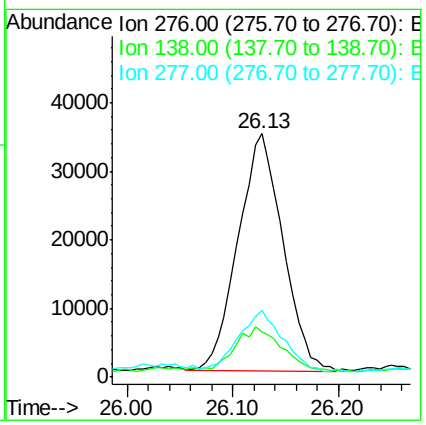


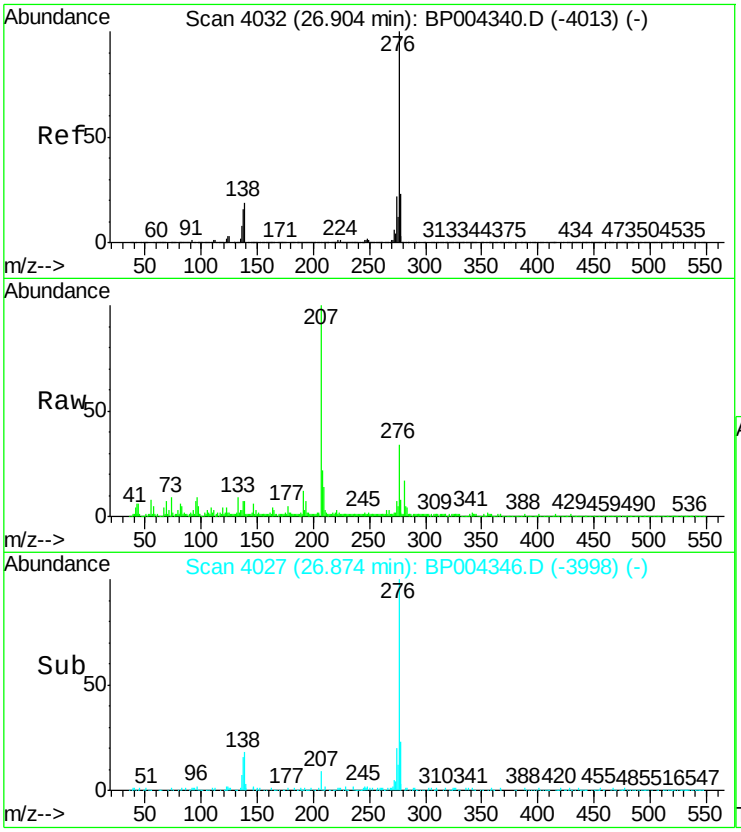


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.036 ng/ul
RT: 26.13 min Scan# 3900
Delta R.T. -0.03 min
Lab File: BP004346.D
Acq: 17 Dec 2020 18:14

Tgt Ion:276 Resp: 102158

Ion	Ratio	Lower	Upper
276	100		
138	18.7	17.8	26.6
277	27.3	19.8	29.6





#94
Benzo(g,h,i)perylene
Concen: 1.289 ng/ul
RT: 26.87 min Scan# 4027
Delta R.T. -0.03 min
Lab File: BP004346.D
Acq: 17 Dec 2020 18:14

Instrument :
BNA_P
ClientSampleId :
A54E4

Tgt Ion:276 Resp: 106688

Ion	Ratio	Lower	Upper
276	100		
138	20.0	16.6	25.0
277	24.5	18.5	27.7