Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005877.D
Acq On : 23 May 2019 07:00
Operator : JU/SJ
Sample : K2927-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: May 23 09:38:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	87551	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	384024	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	258914	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	649456	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	698434	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	675949	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	9067	5.80	ng/uL	0.00
5) Phenol-d5	6.76	99	187146	27.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	107618	30.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	164123	30.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	158389	27.37	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	84941	30.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	95661	29.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	182259	29.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	163915	24.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	649144	32.58	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	780904	32.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	66314	23.63	ng/ul	0.01
57) Fluorene-d10	15.20	176	595193	34.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	31408	8.05	ng/ul	0.00
70) Anthracene-d10	17.06	188	929587	33.13	ng/ul	0.00
78) Pyrene-d10	19.37	212	1113748	32.36	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	982618	32.41	ng/ul	0.01
Target Compounds						Qvalue
44) Dimethylphthalate	13.66	163	179941	9.161	ng/ul#	98
47) Acenaphthylene	13.92	152	35957	1.543	ng/ul	98
69) Phenanthrene	17.00	178	370837	11.519	ng/ul	99
71) Anthracene	17.10	178	94883	2.895	ng/ul	98
74) Carbazole	17.38	167	32160	1.113	ng/ul	98
76) Fluoranthene	19.04	202	923481	23.202	ng/ul#	89
79) Pyrene	19.40	202	829262	19.335	ng/ul#	87
80) Butylbenzylphthalate	20.33	149	30026	1.709	ng/ul#	92
82) Benzo(a)anthracene	21.19	228	507724	11.539	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.12	149	225915	9.062	ng/ul#	98
84) Chrysene	21.23	228	491638	11.852	ng/ul	98
87) Benzo(b)fluoranthene	22.76	252	581250	15.631	ng/ul#	96
88) Benzo(k)fluoranthene	22.76	252	581250	16.154	ng/ul#	97
90) Benzo(a)pyrene	23.45	252	84131	2.336	ng/ul	94
91) Indeno(1,2,3-cd)pyrene	25.60	276	243028	5.520	ng/ul#	90
92) Dibenzo(a,h)anthracene	25.59	278	70731	1.909	ng/ul	96
93) Benzo(g,h,i)perylene	26.27	276	166910	4.535	ng/ul#	88

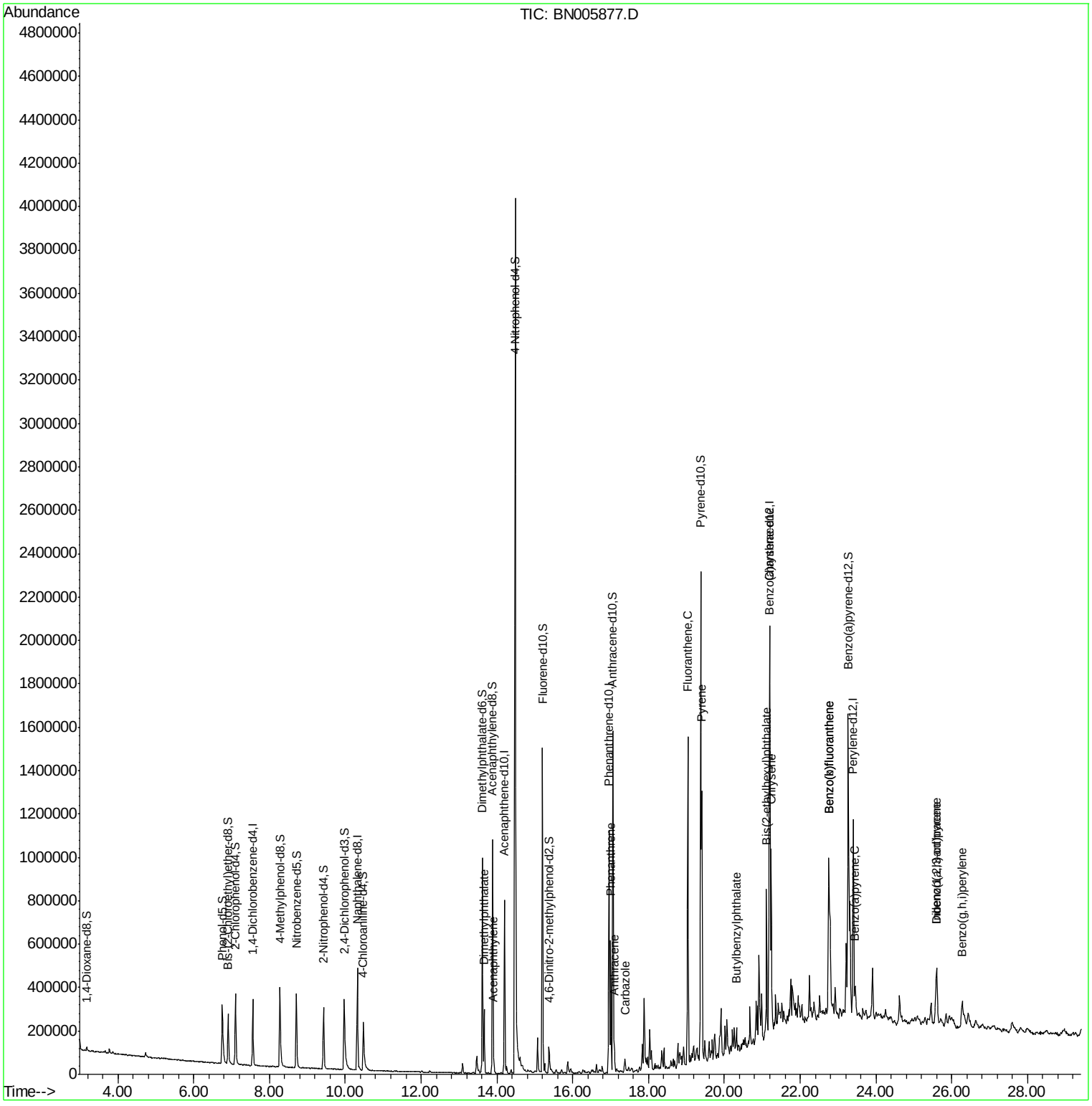
(#) = qualifier out of range (m) = manual integration (+) = signals summed

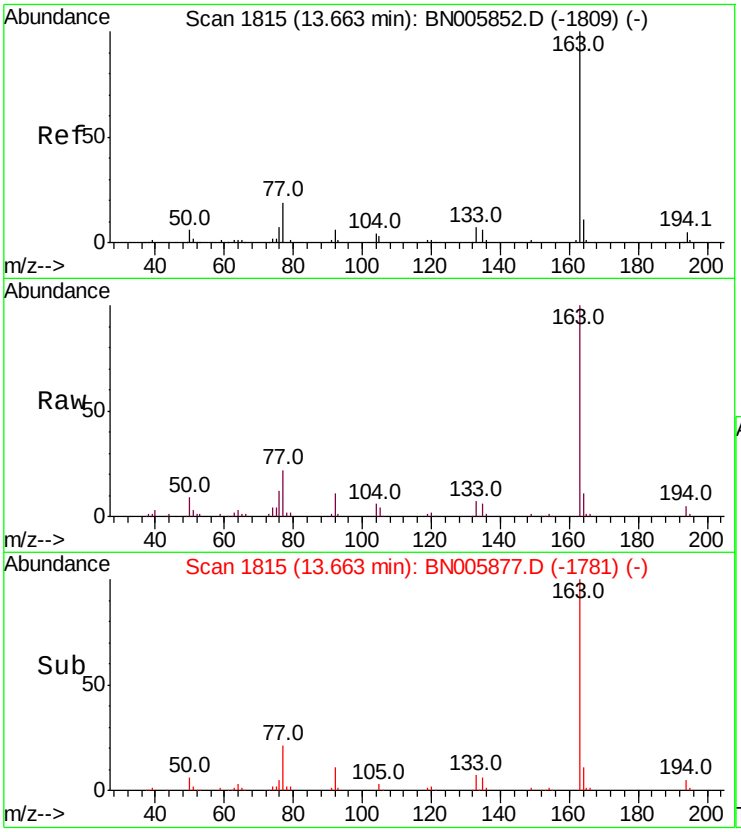
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005877.D
Acq On : 23 May 2019 07:00
Operator : JU/SJ
Sample : K2927-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 23 09:38:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration



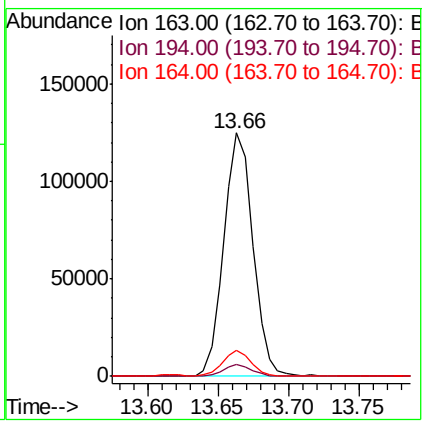


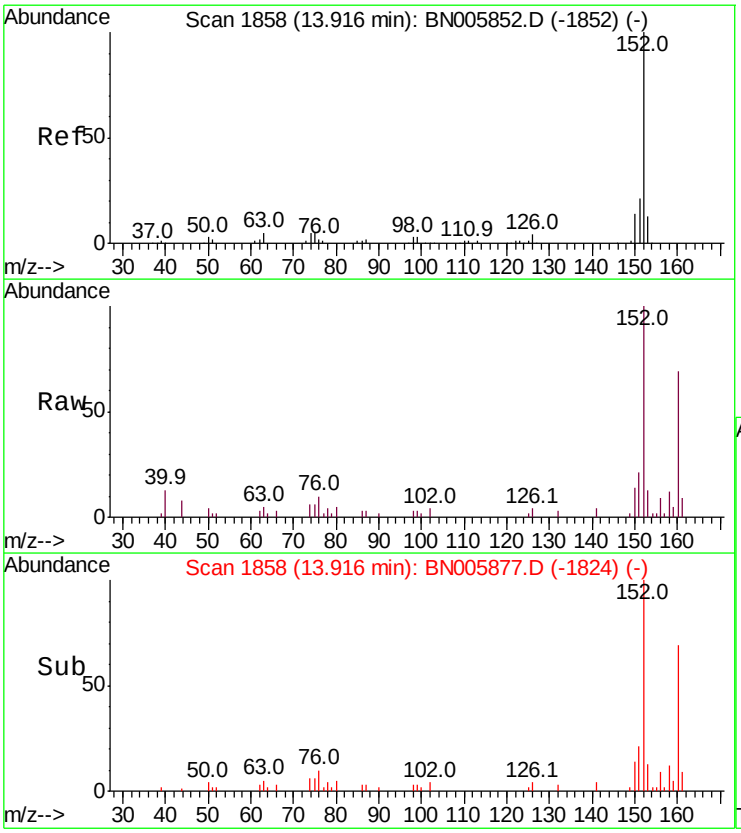
#44
Dimethylphthalate
Concen: 9.161 ng/ul
RT: 13.66 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BN005877.D
Acq: 23 May 2019 07:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:163 Resp: 179941

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.0#
164	10.8	8.1	12.1

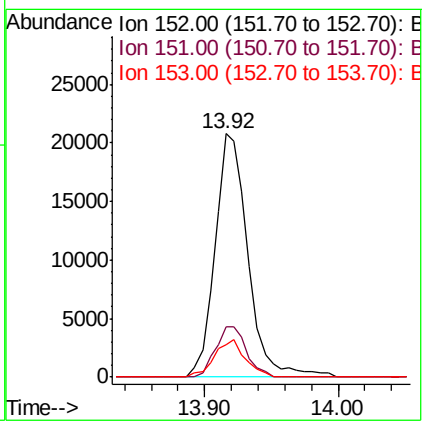


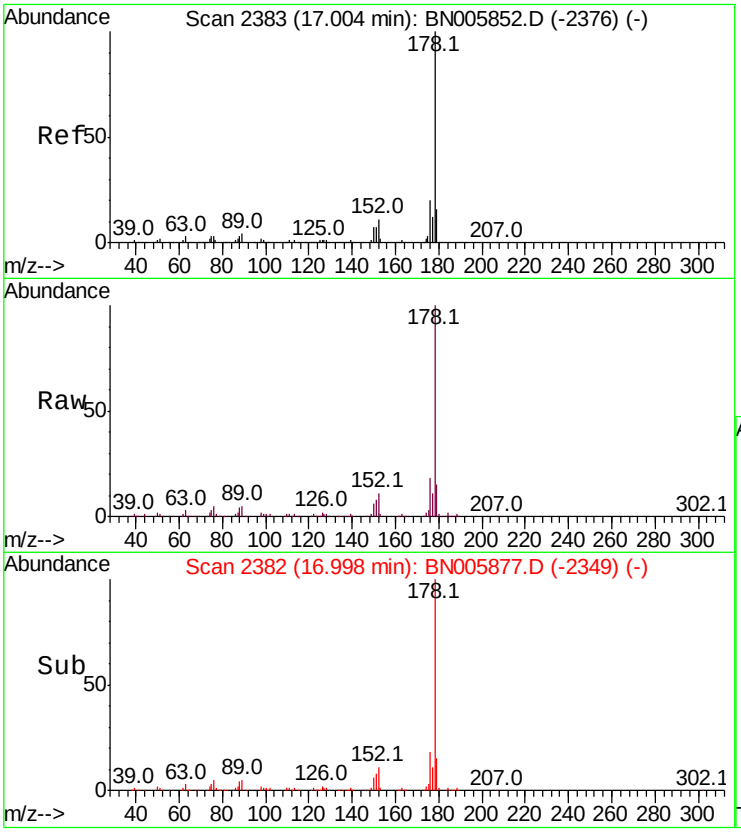


#47
Acenaphthylene
Concen: 1.543 ng/ul
RT: 13.92 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BN005877.D
Acq: 23 May 2019 07:00

Tgt Ion:152 Resp: 35957

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.8	23.8
153	13.4	9.8	14.8



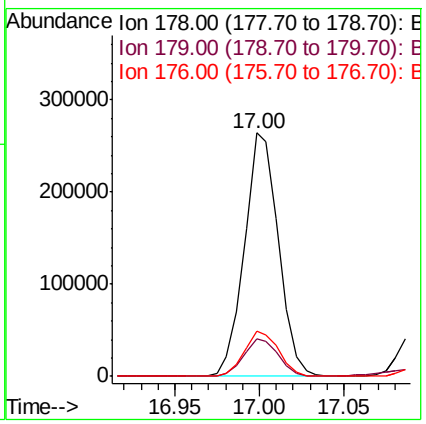


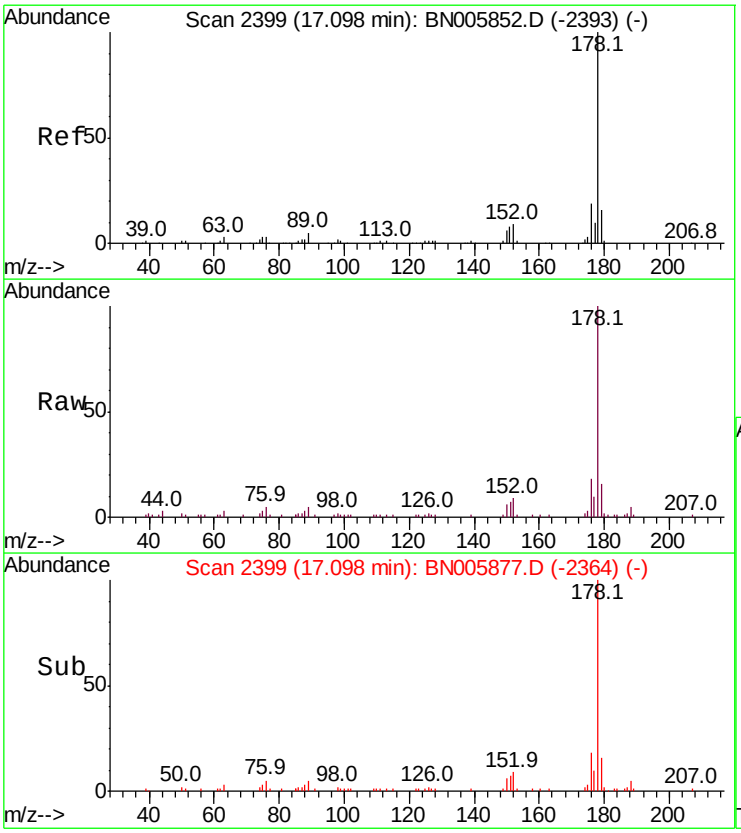
#69
Phenanthrene
Concen: 11.519 ng/ul
RT: 17.00 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BN005877.D
Acq: 23 May 2019 07:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 370837

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	18.4	15.1	22.7

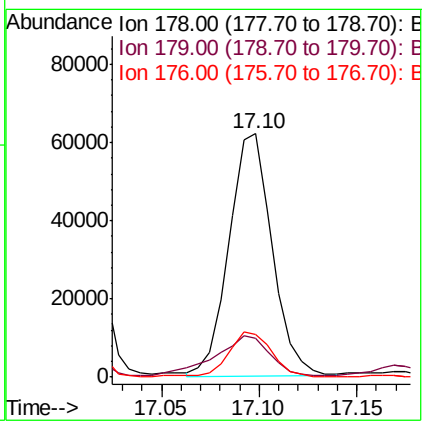


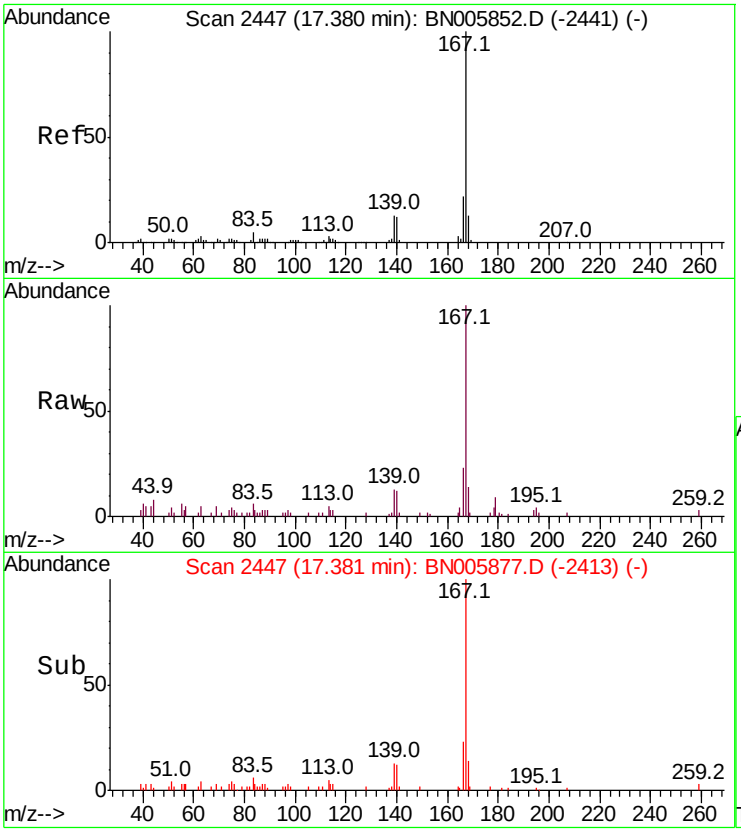


#71
Anthracene
Concen: 2.895 ng/ul
RT: 17.10 min Scan# 2399
Delta R.T. 0.01 min
Lab File: BN005877.D
Acq: 23 May 2019 07:00

Tgt Ion:178 Resp: 94883

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	17.7	15.1	22.7



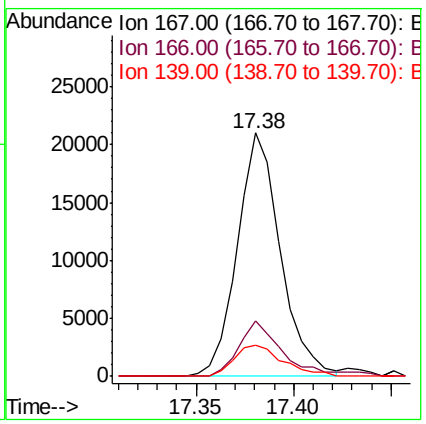


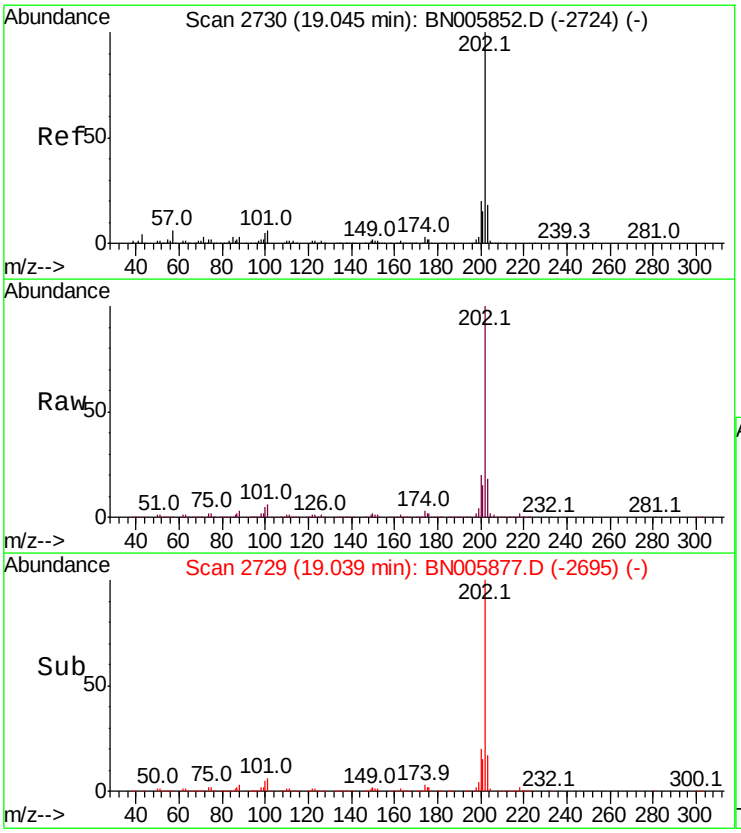
#74
Carbazole
Concen: 1.113 ng/ul
RT: 17.38 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BN005877.D
Acq: 23 May 2019 07:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:167 Resp: 32160

Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.2	25.8
139	12.9	10.6	16.0

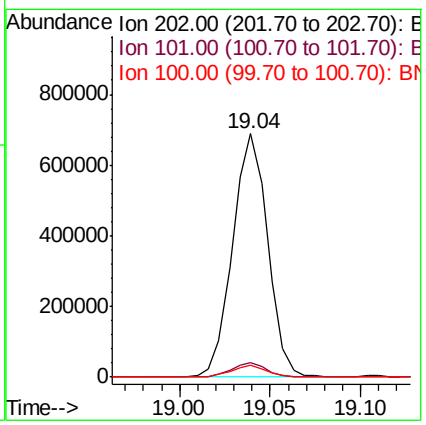


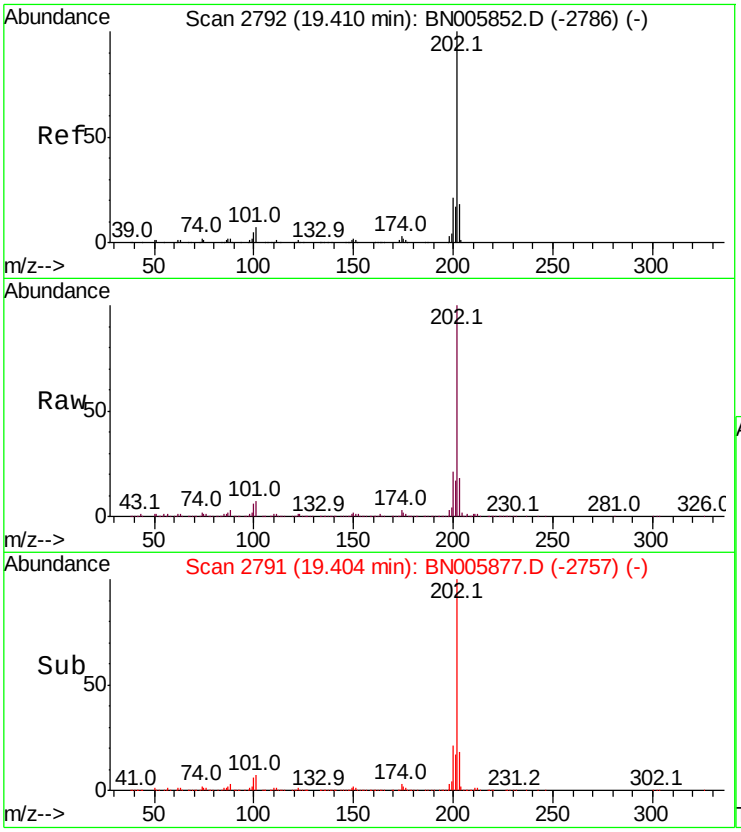


#76
Fluoranthene
Concen: 23.202 ng/ul
RT: 19.04 min Scan# 2729
Delta R.T. -0.00 min
Lab File: BN005877.D
Acq: 23 May 2019 07:00

Tgt Ion:202 Resp: 923481

Ion	Ratio	Lower	Upper
202	100		
101	6.0	8.6	12.8#
100	4.7	6.3	9.5#



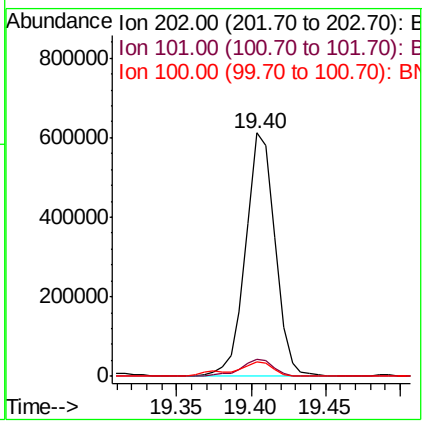


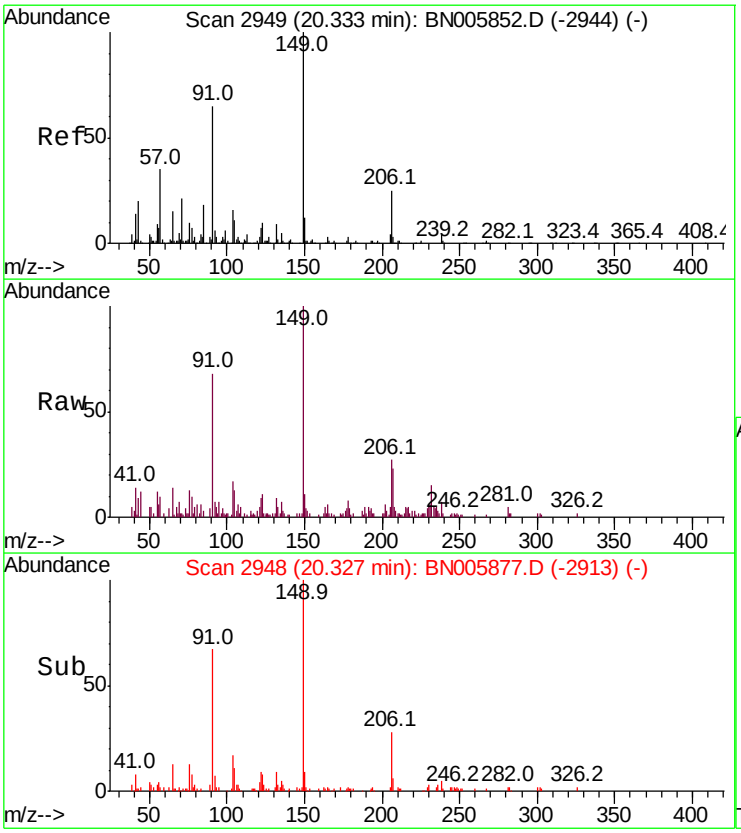
#79
Pyrene
Concen: 19.335 ng/ul
RT: 19.40 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BN005877.D
Acq: 23 May 2019 07:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 829262

Ion	Ratio	Lower	Upper
202	100		
101	7.0	10.3	15.5#
100	6.2	7.9	11.9#

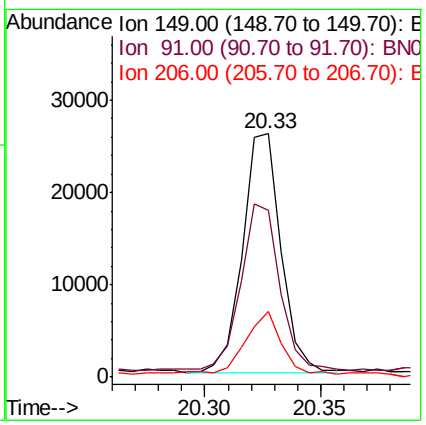


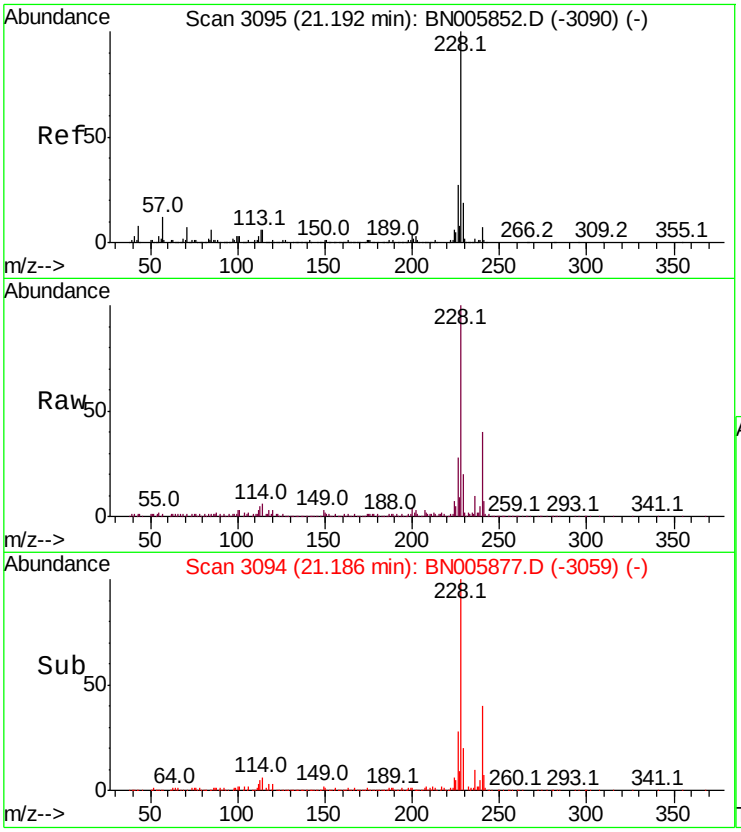


#80
Butylbenzylphthalate
Concen: 1.709 ng/ul
RT: 20.33 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BN005877.D
Acq: 23 May 2019 07:00

Tgt Ion:149 Resp: 30026

Ion	Ratio	Lower	Upper
149	100		
91	68.4	59.6	89.4
206	26.8	17.8	26.8#



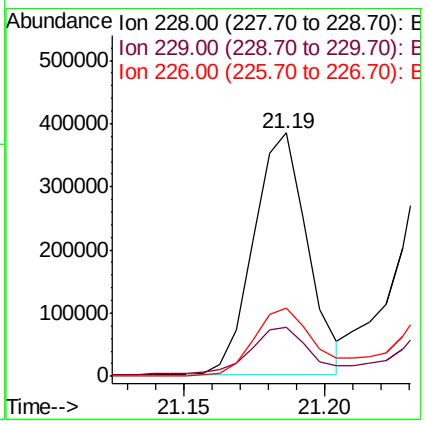


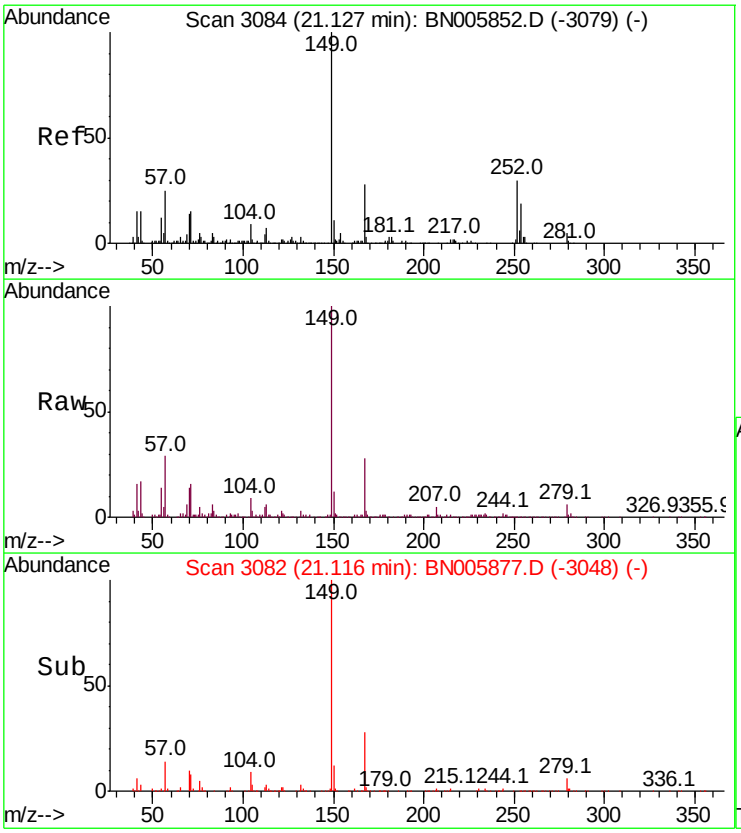
#82
Benzo(a)anthracene
Concen: 11.539 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. 0.01 min
Lab File: BN005877.D
Acq: 23 May 2019 07:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 507724

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.8	23.6
226	28.0	21.4	32.2

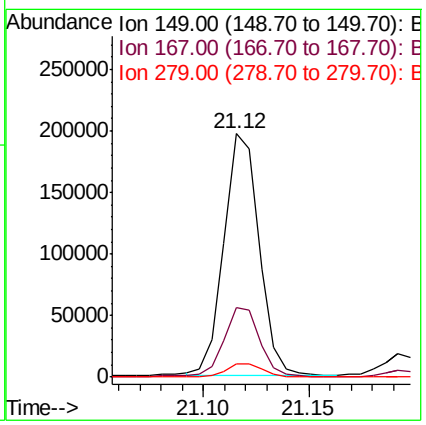


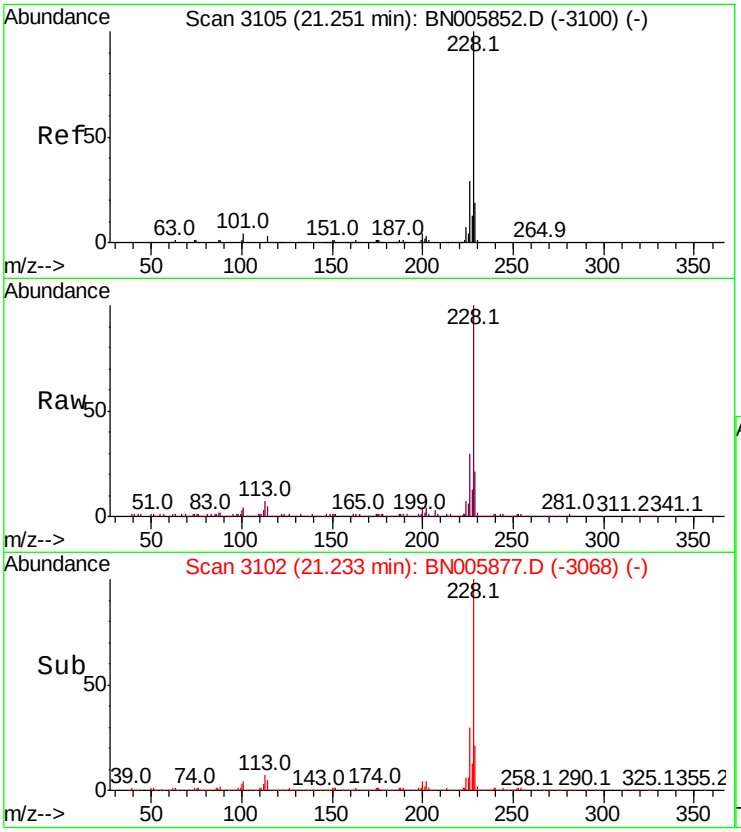


#83
Bis(2-ethylhexyl)phthalate
Concen: 9.062 ng/ul
RT: 21.12 min Scan# 3082
Delta R.T. -0.00 min
Lab File: BN005877.D
Acq: 23 May 2019 07:00

Tgt Ion:149 Resp: 225915

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.3	33.5
279	5.6	3.3	4.9#



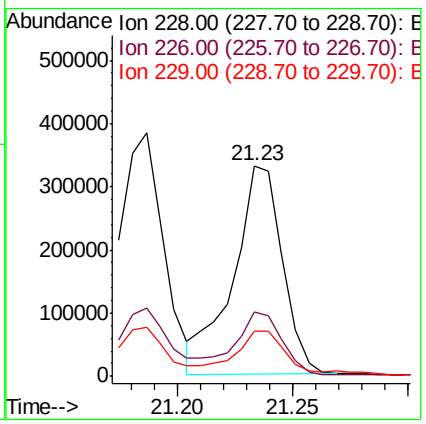


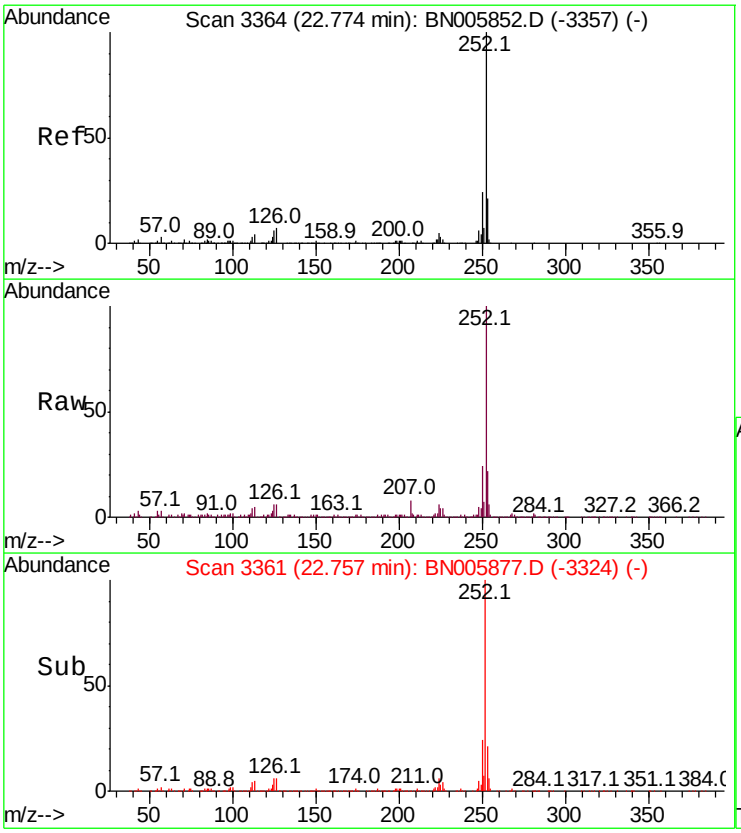
#84
Chrysene
Concen: 11.852 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BN005877.D
Acq: 23 May 2019 07:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 491638

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	21.2	15.4	23.0

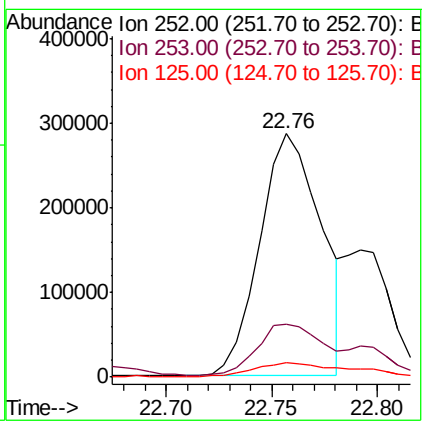


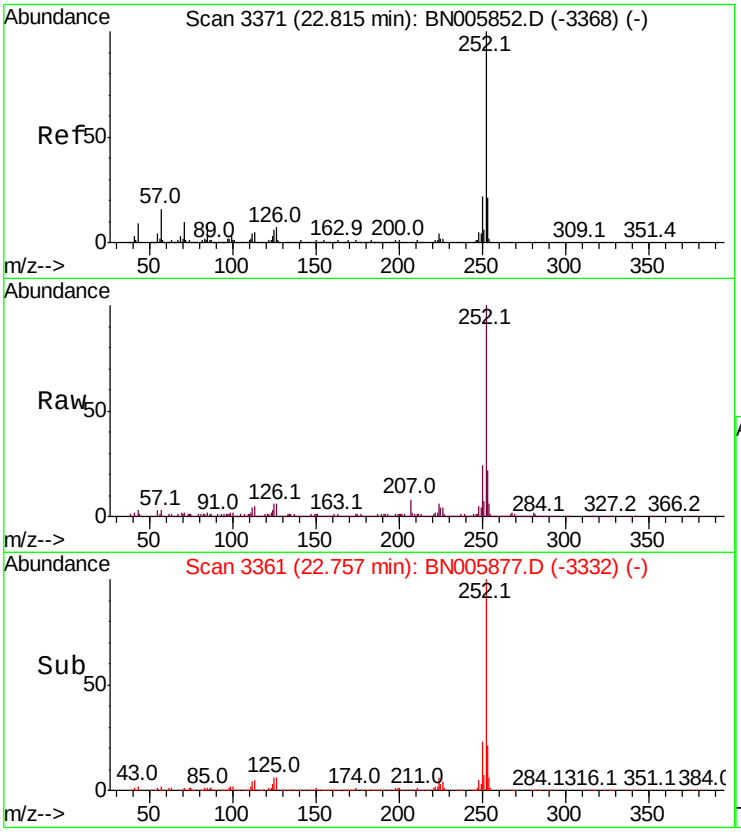


#87
Benzo(b)fluoranthene
Concen: 15.631 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. 0.02 min
Lab File: BN005877.D
Acq: 23 May 2019 07:00

Tgt Ion:252 Resp: 581250

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	6.2	8.4	12.6#



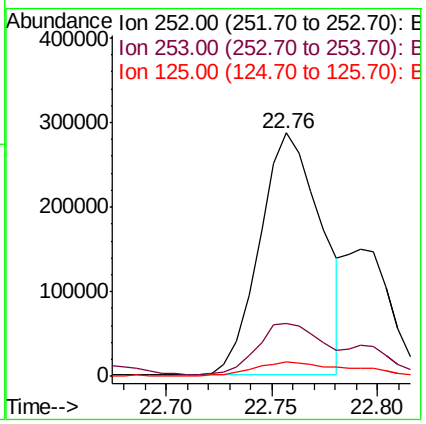


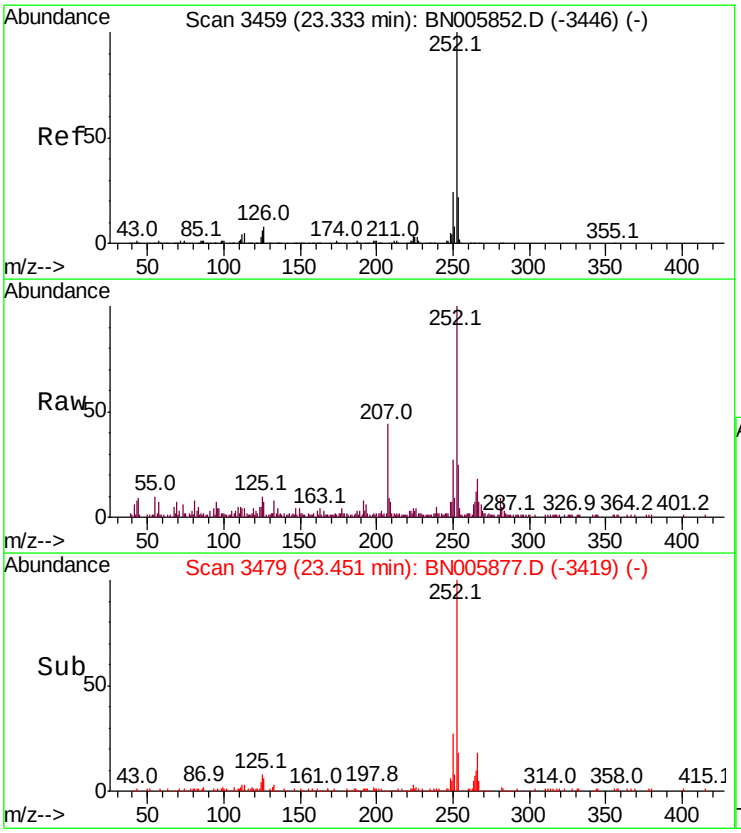
#88
Benzo(k)fluoranthene
Concen: 16.154 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.03 min
Lab File: BN005877.D
Acq: 23 May 2019 07:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 581250

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	6.2	7.5	11.3#

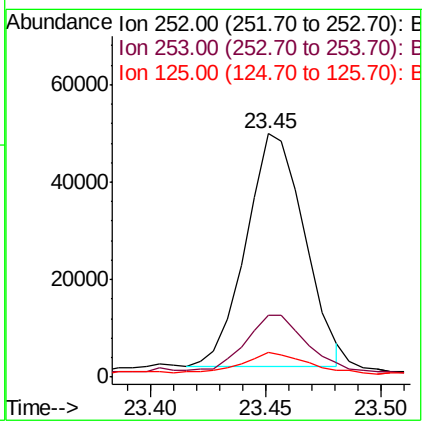


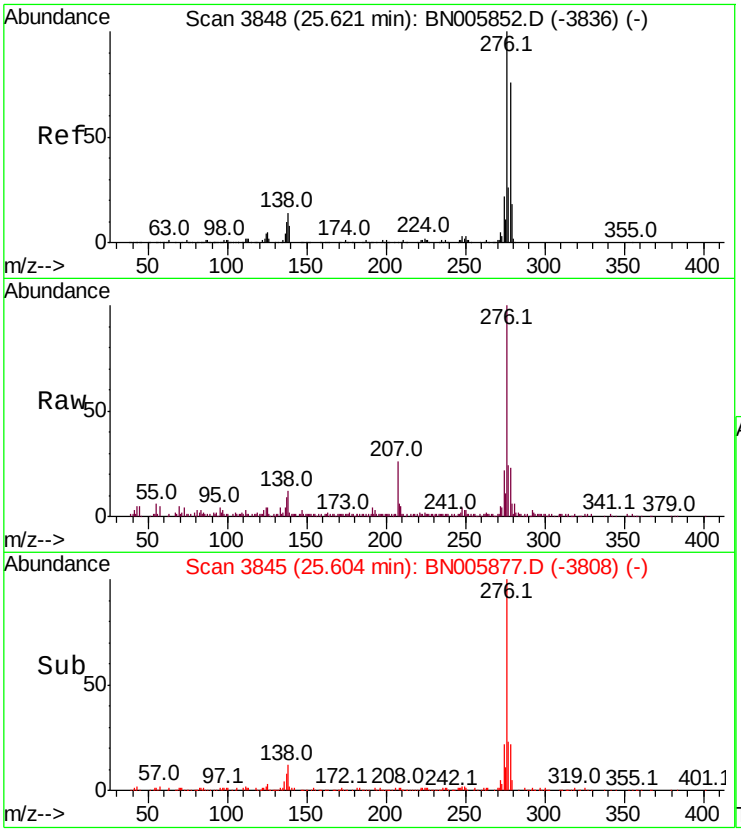


#90
Benzo(a)pyrene
Concen: 2.336 ng/ul
RT: 23.45 min Scan# 3479
Delta R.T. 0.15 min
Lab File: BN005877.D
Acq: 23 May 2019 07:00

Tgt Ion:252 Resp: 84131

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.3	25.9
125	10.1	8.6	13.0



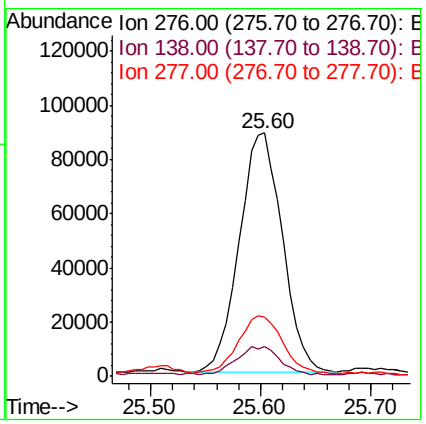


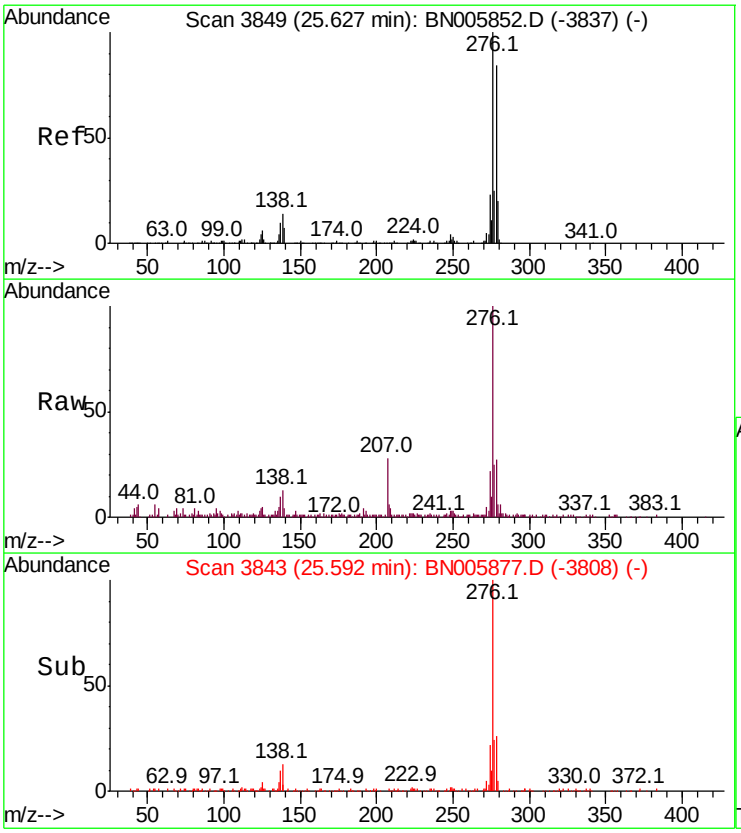
#91
Indeno(1,2,3-cd)pyrene
Concen: 5.520 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. 0.02 min
Lab File: BN005877.D
Acq: 23 May 2019 07:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 243028

Ion	Ratio	Lower	Upper
276	100		
138	12.0	17.9	26.9#
277	24.4	19.7	29.5

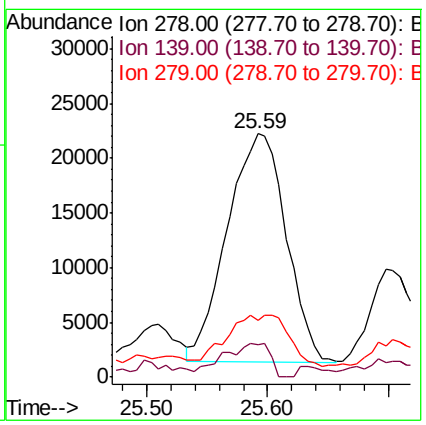


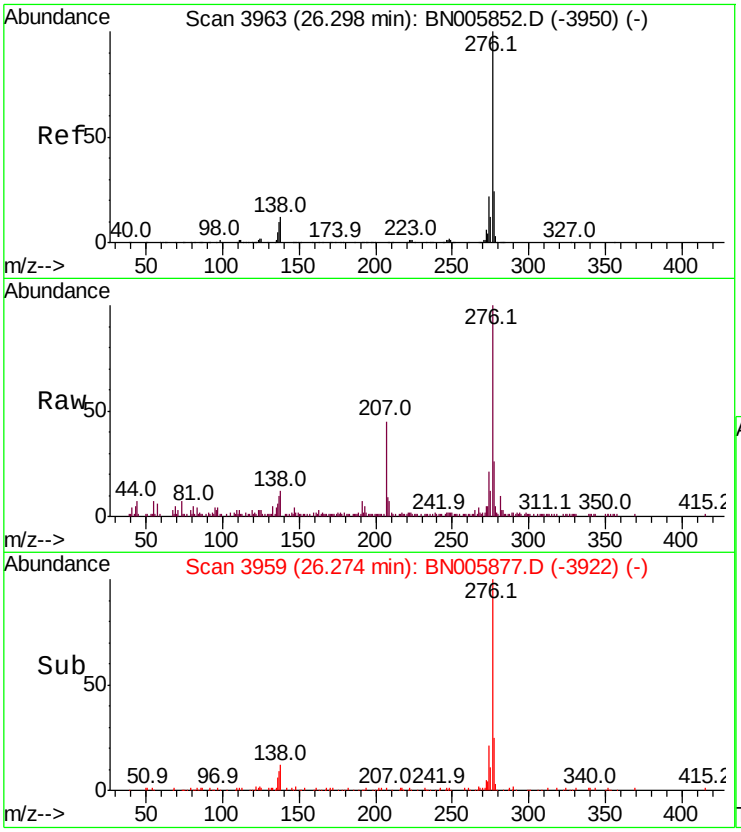


#92
Dibenzo(a,h)anthracene
Concen: 1.909 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. 0.01 min
Lab File: BN005877.D
Acq: 23 May 2019 07:00

Tgt Ion:278 Resp: 70731

Ion	Ratio	Lower	Upper
278	100		
139	13.2	13.1	19.7
279	23.1	19.4	29.0





#93
Benzo(g,h,i)perylene
Concen: 4.535 ng/ul
RT: 26.27 min Scan# 3959
Delta R.T. 0.02 min
Lab File: BN005877.D
Acq: 23 May 2019 07:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 166910

Ion	Ratio	Lower	Upper
276	100		
138	12.2	16.7	25.1#
277	25.7	18.2	27.2