Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
Data File : BN005345.D
Acq On : 27 Apr 2019 08:00
Operator : JU/SJ
Sample : K2456-12DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 29 02:23:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	531320	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2200645	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1262692	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2771691	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1948793	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	2029908	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	6175	0.56	ng/uL	0.00
5) Phenol-d5	6.78	99	134020	3.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	82252	3.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	112357	3.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	110909	3.40	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	57683	4.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	60589	4.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	112736	3.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	40879	1.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	345692	3.77	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	426192	3.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	50171	3.47	ng/ul	0.00
57) Fluorene-d10	15.23	176	301250	3.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	16413	1.32	ng/ul	0.00
70) Anthracene-d10	17.08	188	469394	4.04	ng/ul	0.00
78) Pyrene-d10	19.40	212	445109	4.46	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	338304	3.81	ng/ul	-0.01
Target Compounds						Qvalue
34) 2-Methylnaphthalene	12.02	142	115094	1.536	ng/ul	97
44) Dimethylphthalate	13.69	163	98882	1.083	ng/ul#	93
47) Acenaphthylene	13.95	152	3369003	30.451	ng/ul	99
58) Fluorene	15.30	166	303473	3.576	ng/ul#	54
69) Phenanthrene	17.03	178	957547	7.094	ng/ul	98
71) Anthracene	17.12	178	2040732	14.841	ng/ul	99
76) Fluoranthene	19.06	202	2894320	19.331	ng/ul	99
79) Pyrene	19.43	202	7125453	56.787	ng/ul	97
82) Benzo(a)anthracene	21.26	228	3596859	29.668	ng/ul	93
84) Chrysene	21.26	228	3587485	31.884	ng/ul	96
87) Benzo(b)fluoranthene	22.78	252	3663535	32.106	ng/ul	98
88) Benzo(k)fluoranthene	22.78	252	3663535	33.617	ng/ul	98
90) Benzo(a)pyrene	23.34	252	3716818	34.654	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.62	276	1751263	14.768	ng/ul	95
92) Dibenzo(a,h)anthracene	25.63	278	638867	6.348	ng/ul	93
93) Benzo(g,h,i)perylene	26.29	276	1449695	14.785	ng/ul	96

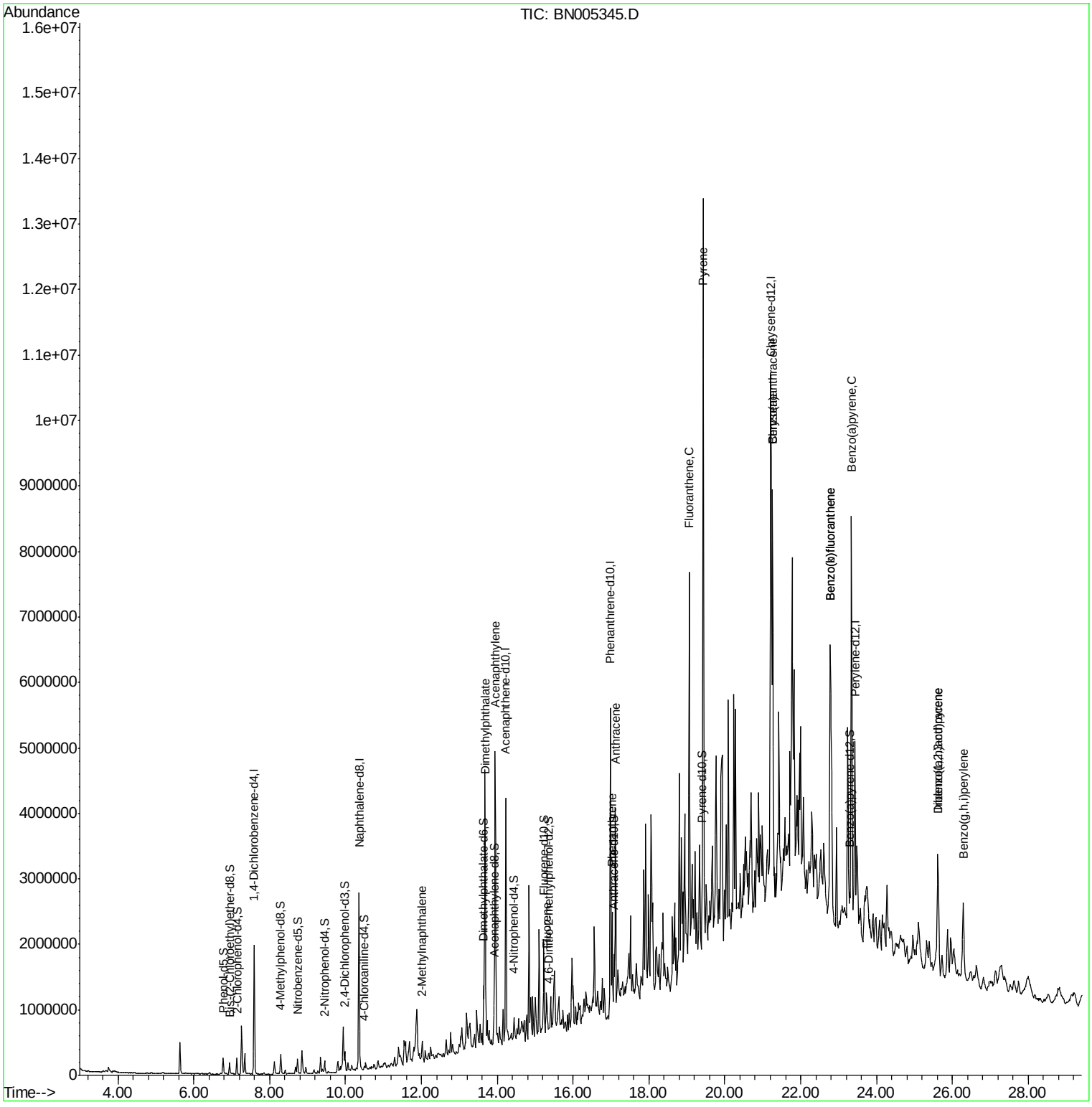
(#) = qualifier out of range (m) = manual integration (+) = signals summed

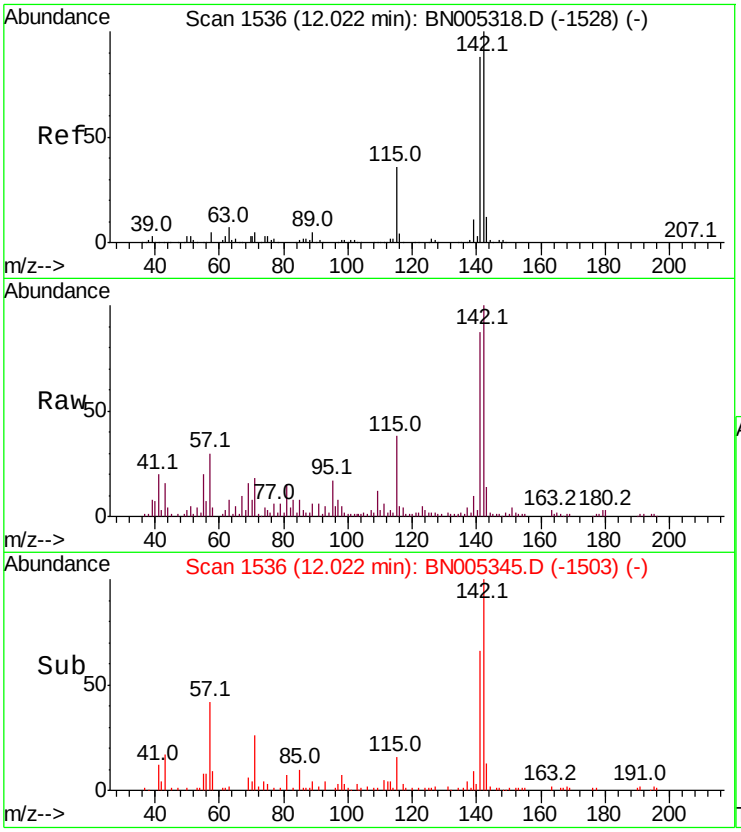
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
Data File : BN005345.D
Acq On : 27 Apr 2019 08:00
Operator : JU/SJ
Sample : K2456-12DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 29 02:23:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration



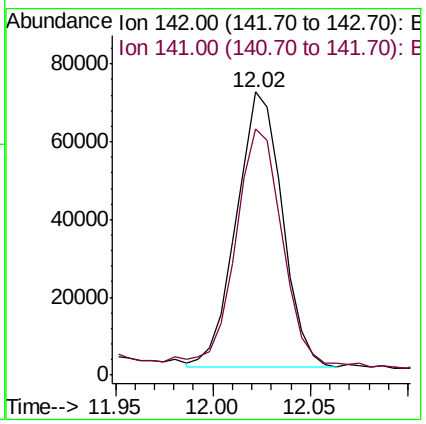


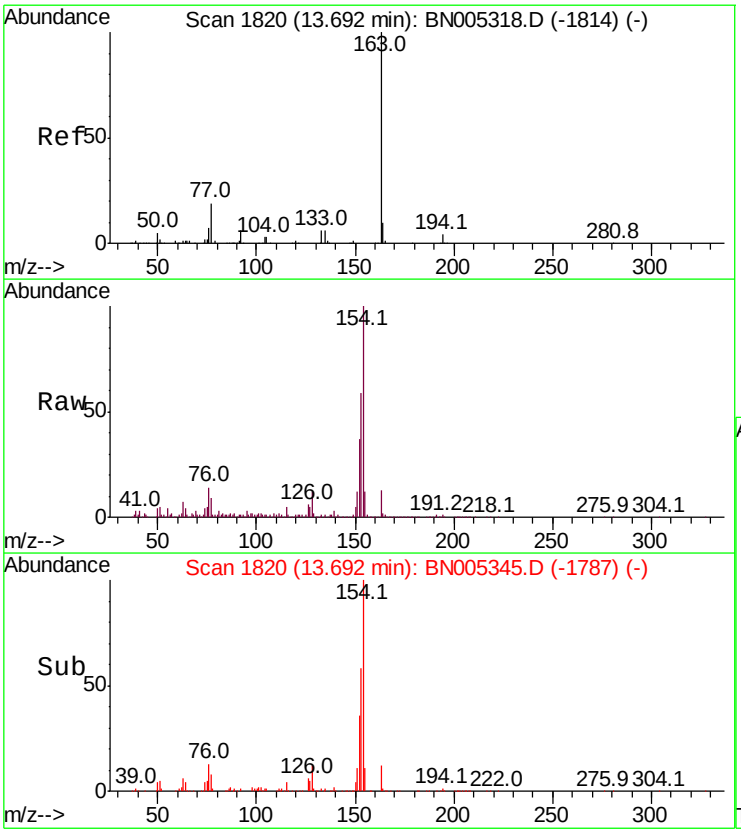
#34
2-Methylnaphthalene
Concen: 1.536 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BN005345.D
Acq: 27 Apr 2019 08:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 115094

Ion	Ratio	Lower	Upper
142	100		
141	87.2	72.0	108.0

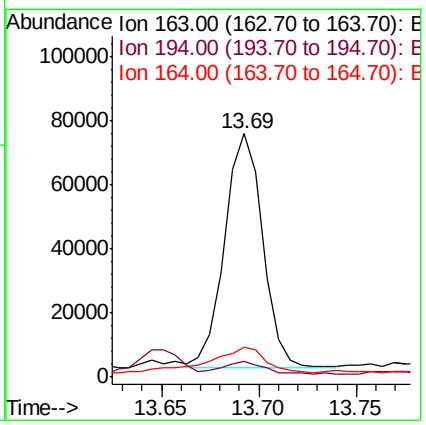


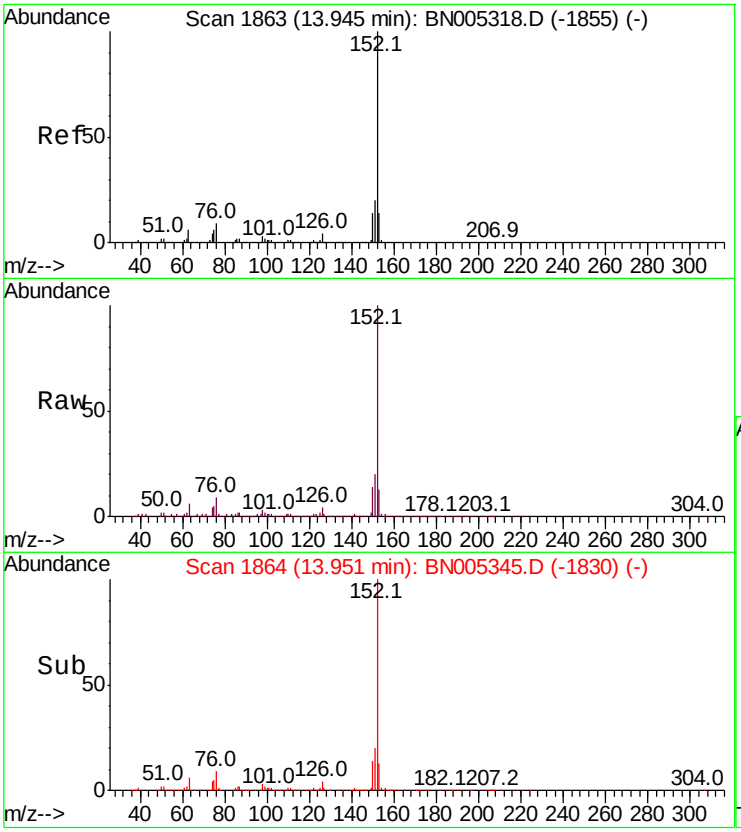


#44
Dimethylphthalate
Concen: 1.083 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BN005345.D
Acq: 27 Apr 2019 08:00

Tgt Ion:163 Resp: 98882

Ion	Ratio	Lower	Upper
163	100		
194	6.7	3.4	5.0#
164	12.4	8.1	12.1#



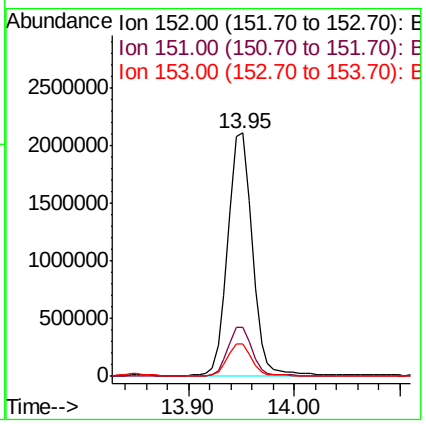


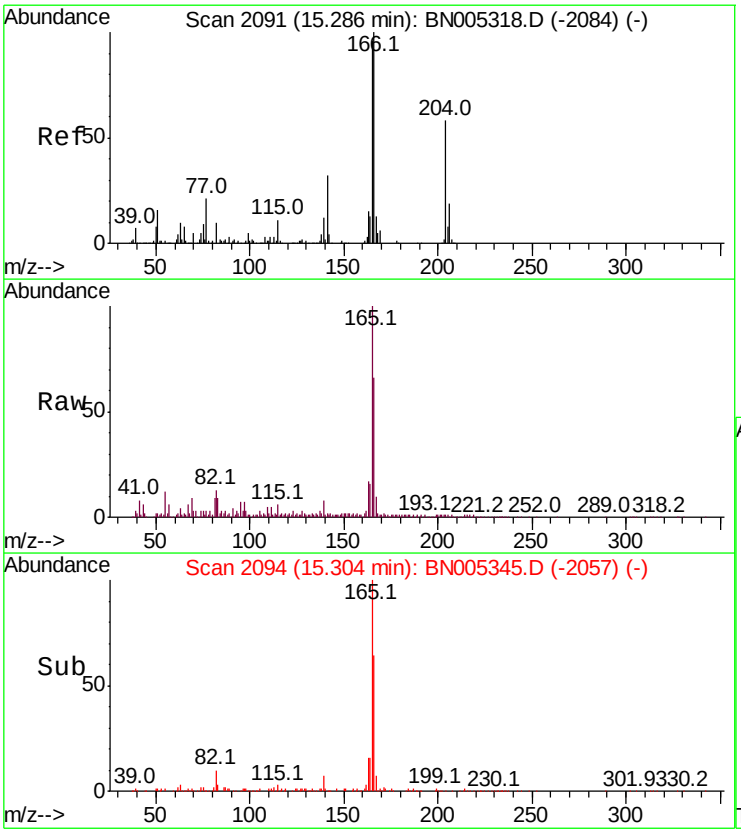
#47
Acenaphthylene
Concen: 30.451 ng/ul
RT: 13.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: BN005345.D
Acq: 27 Apr 2019 08:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3369003

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.4	9.8	14.8

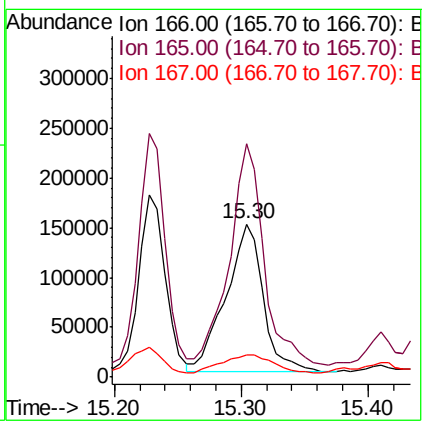


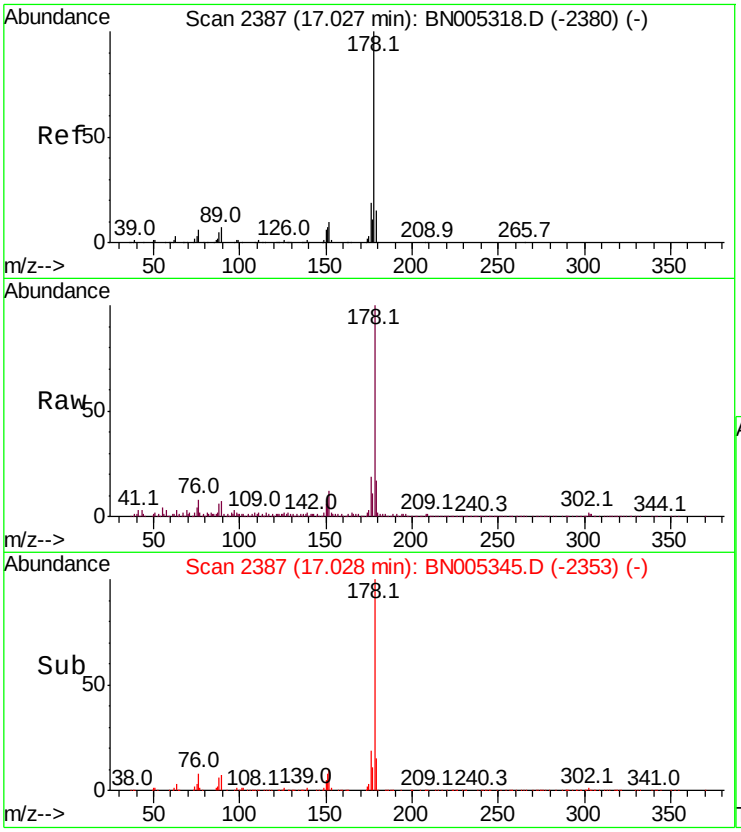


#58
Fluorene
Concen: 3.576 ng/ul
RT: 15.30 min Scan# 2094
Delta R.T. 0.02 min
Lab File: BN005345.D
Acq: 27 Apr 2019 08:00

Tgt Ion:166 Resp: 303473

Ion	Ratio	Lower	Upper
166	100		
165	152.2	80.0	120.0#
167	14.5	10.7	16.1



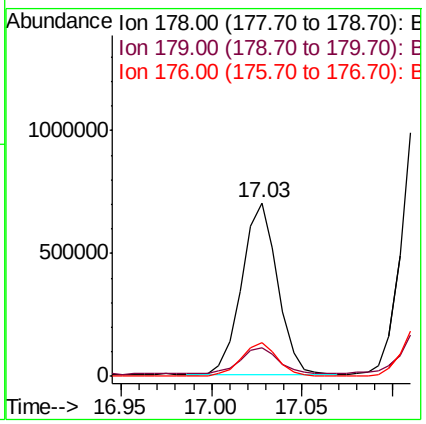


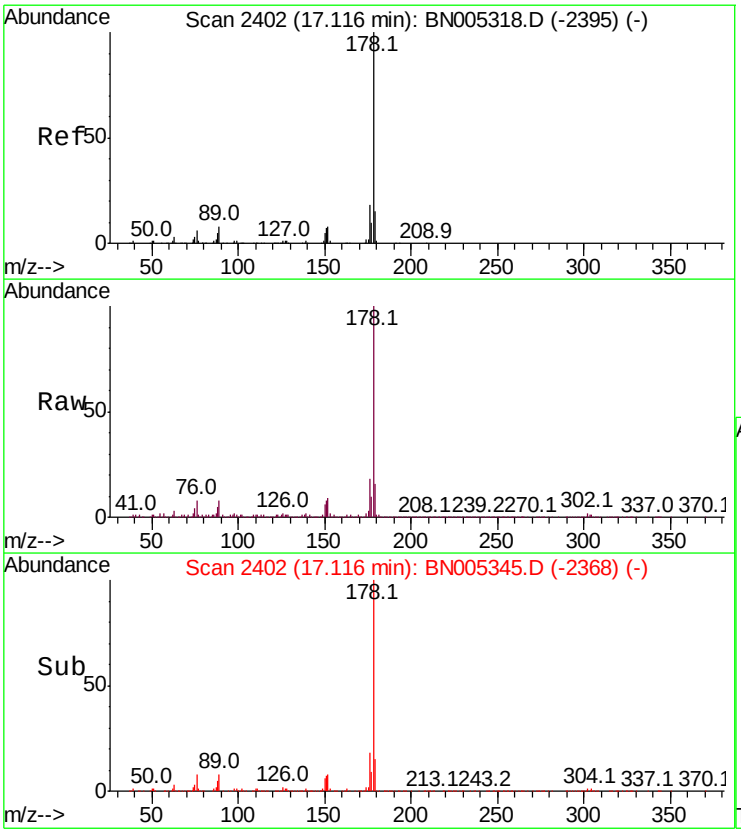
#69
Phenanthrene
Concen: 7.094 ng/ul
RT: 17.03 min Scan# 2387
Delta R.T. 0.00 min
Lab File: BN005345.D
Acq: 27 Apr 2019 08:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 957547

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.2	18.4
176	19.2	15.1	22.7

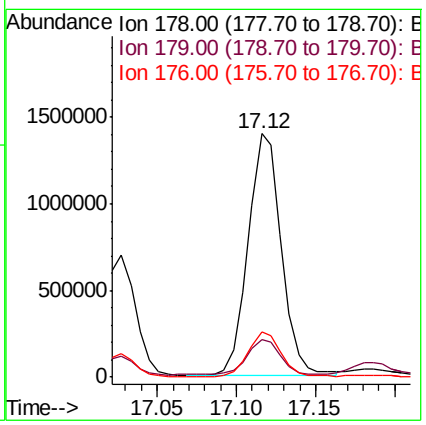


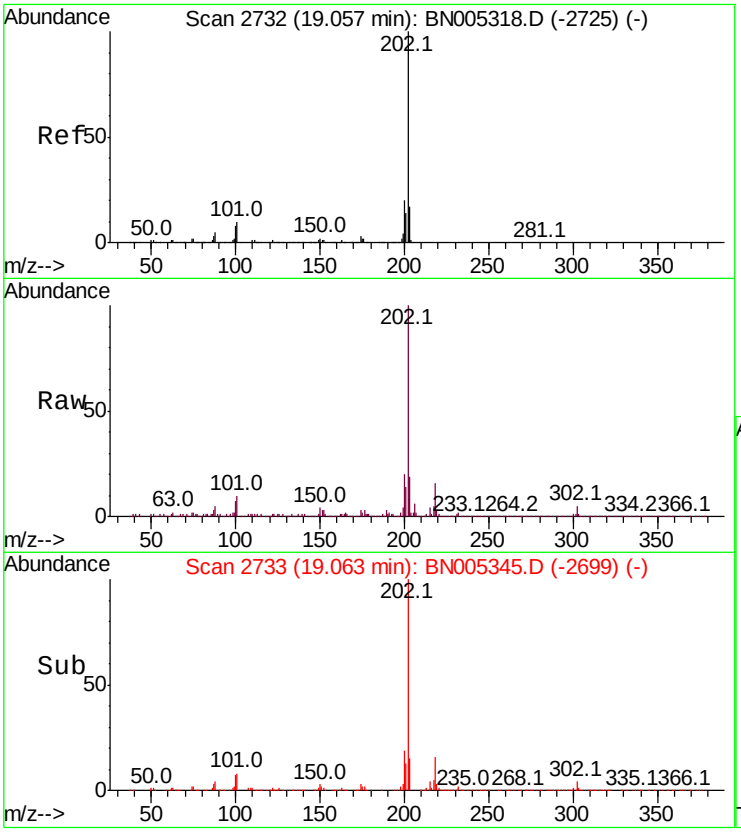


#71
Anthracene
Concen: 14.841 ng/ul
RT: 17.12 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BN005345.D
Acq: 27 Apr 2019 08:00

Tgt Ion:178 Resp: 2040732

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.3	15.1	22.7



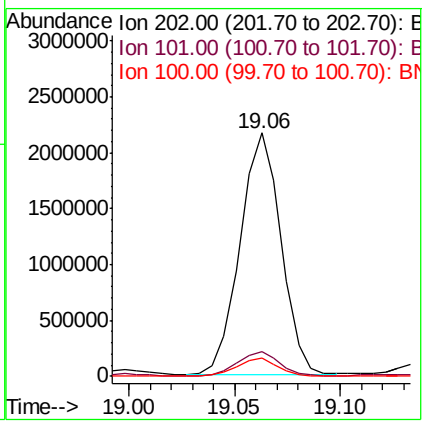


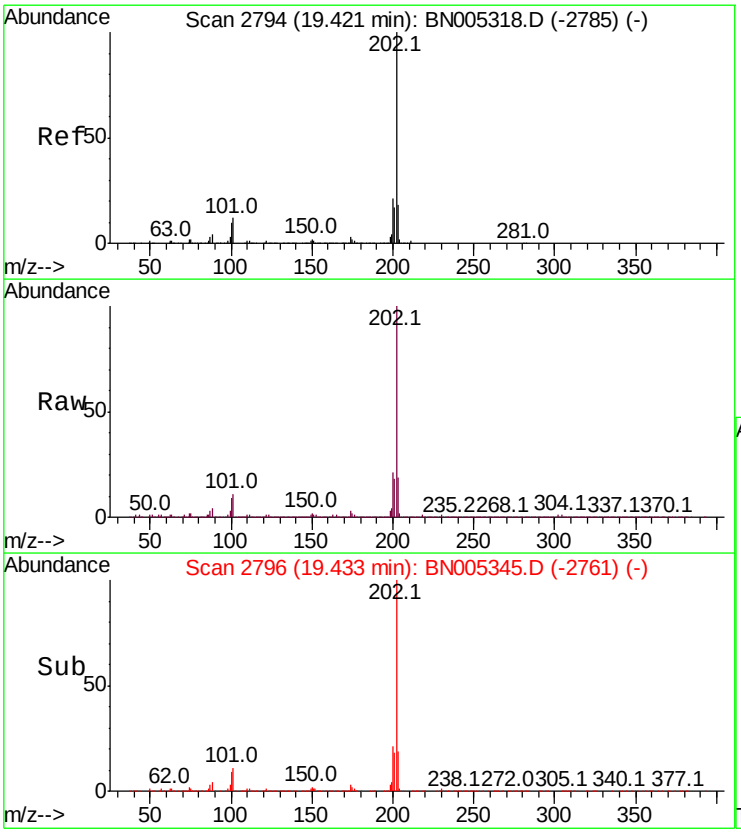
#76
Fluoranthene
Concen: 19.331 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. 0.00 min
Lab File: BN005345.D
Acq: 27 Apr 2019 08:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 2894320

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.6	12.8
100	7.3	6.3	9.5

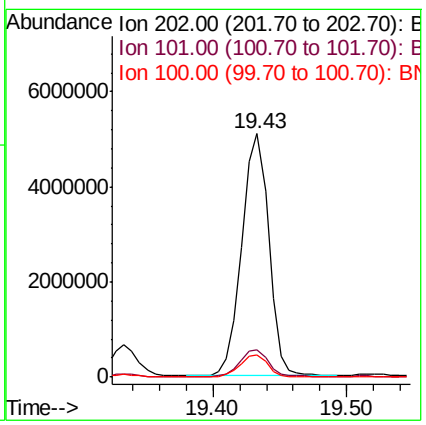


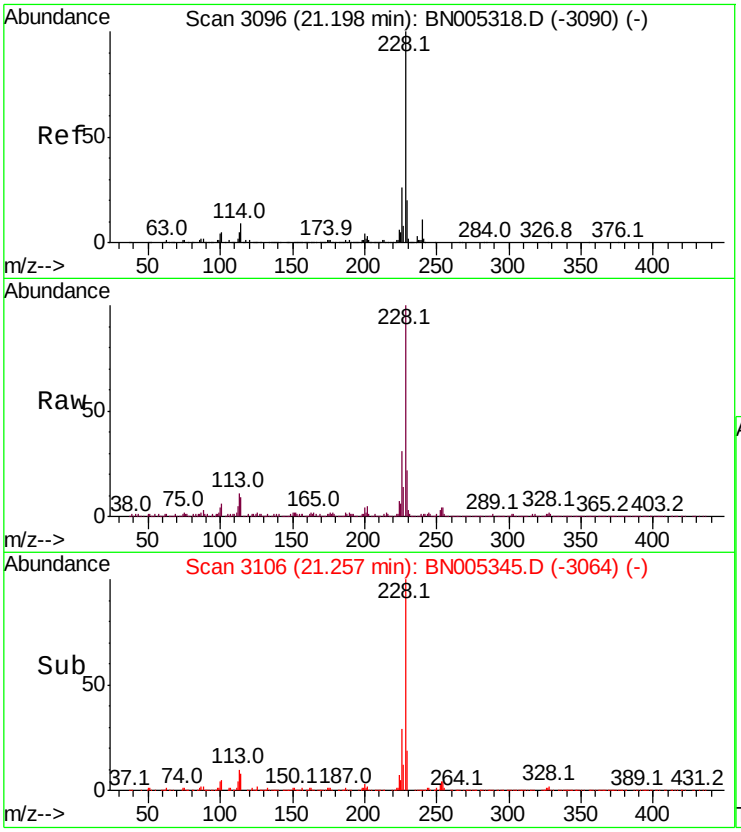


#79
Pyrene
Concen: 56.787 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BN005345.D
Acq: 27 Apr 2019 08:00

Tgt Ion:202 Resp: 7125453

Ion	Ratio	Lower	Upper
202	100		
101	11.3	10.3	15.5
100	9.2	7.9	11.9



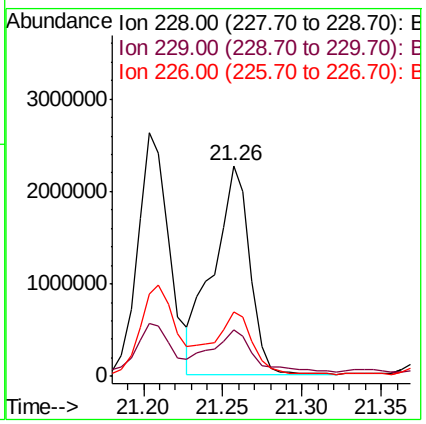


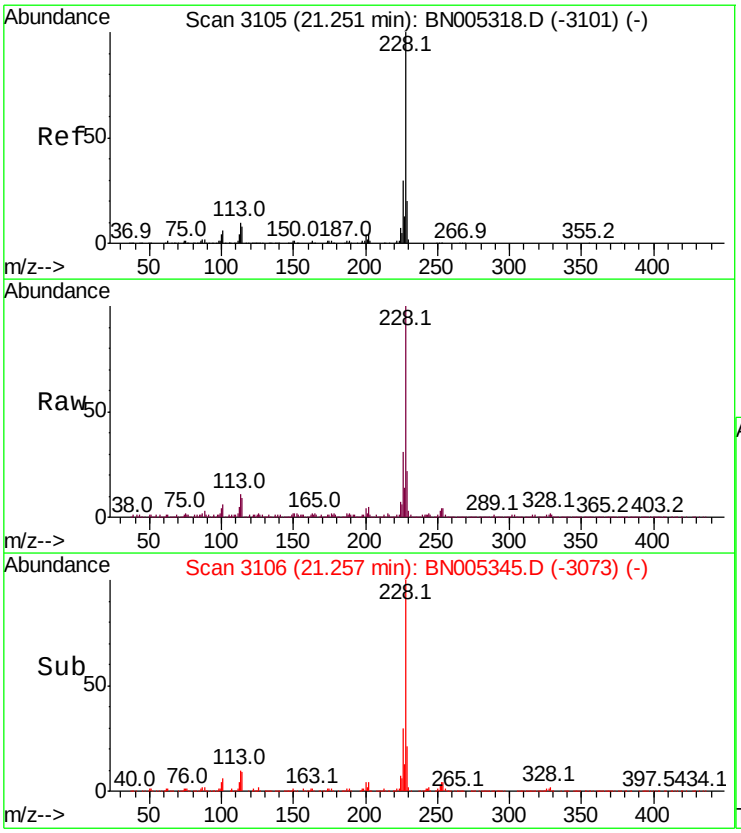
#82
Benzo(a)anthracene
Concen: 29.668 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.05 min
Lab File: BN005345.D
Acq: 27 Apr 2019 08:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 3596859

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.8	23.6
226	30.9	21.4	32.2

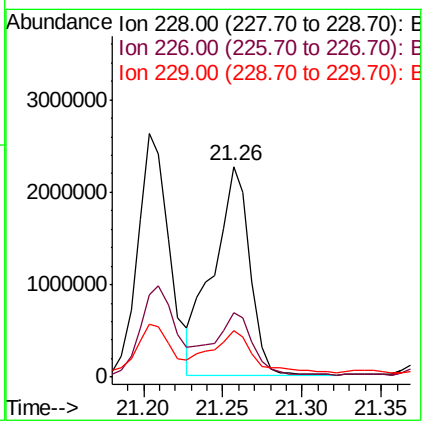


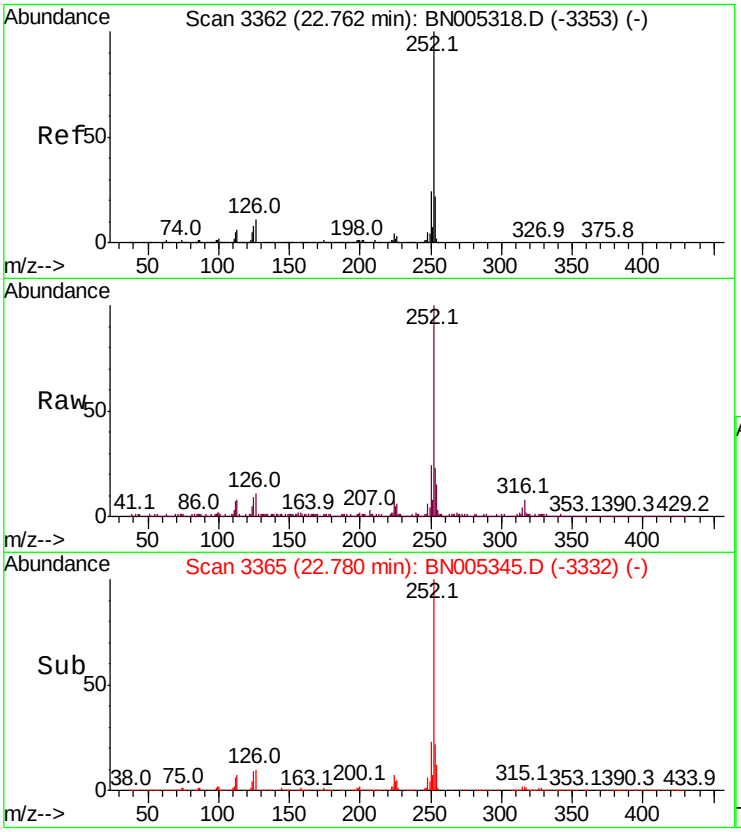


#84
Chrysene
Concen: 31.884 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BN005345.D
Acq: 27 Apr 2019 08:00

Tgt Ion:228 Resp: 3587485

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.0	36.0
229	22.3	15.4	23.0



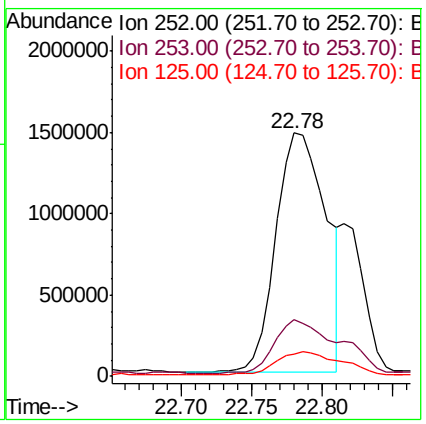


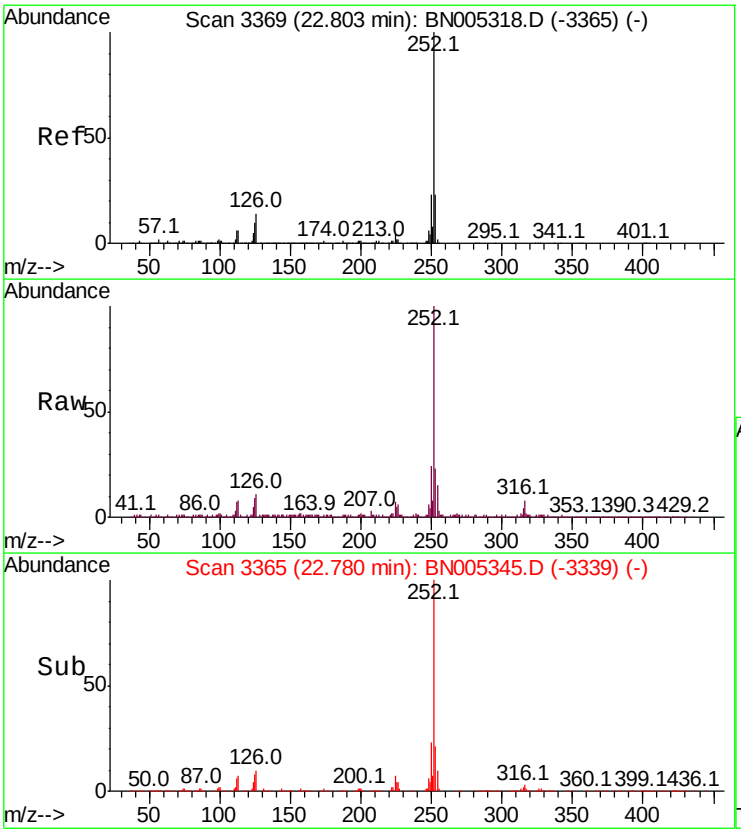
#87
Benzo(b)fluoranthene
Concen: 32.106 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BN005345.D
Acq: 27 Apr 2019 08:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 3663535

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	9.2	8.4	12.6

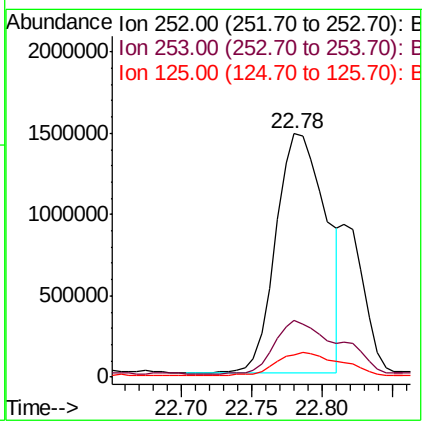


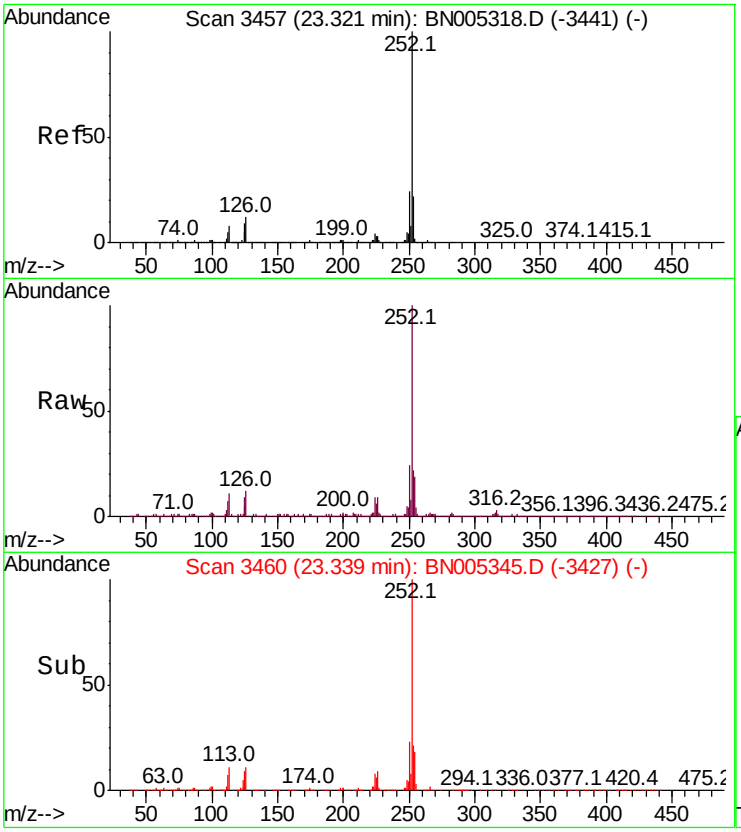


#88
Benzo(k)fluoranthene
Concen: 33.617 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. -0.05 min
Lab File: BN005345.D
Acq: 27 Apr 2019 08:00

Tgt Ion:252 Resp: 3663535

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	9.2	7.5	11.3



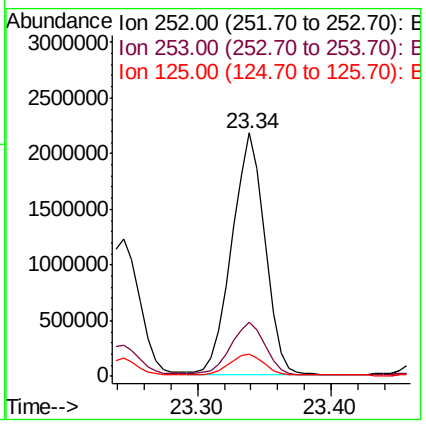


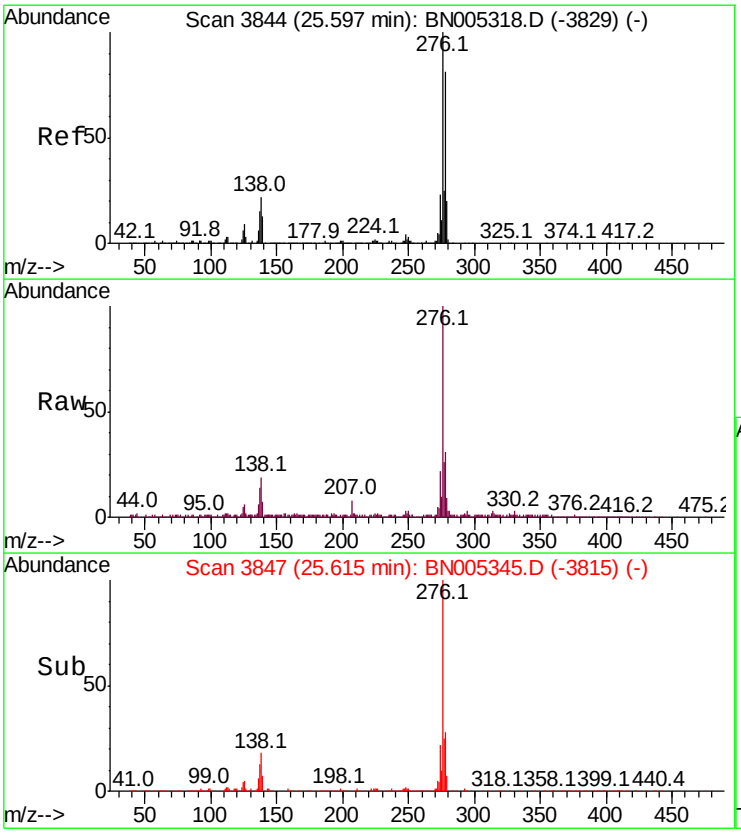
#90
Benzo(a)pyrene
Concen: 34.654 ng/ul
RT: 23.34 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BN005345.D
Acq: 27 Apr 2019 08:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 3716818

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	9.4	8.6	13.0

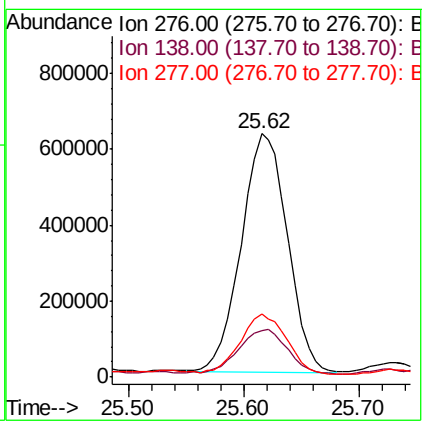


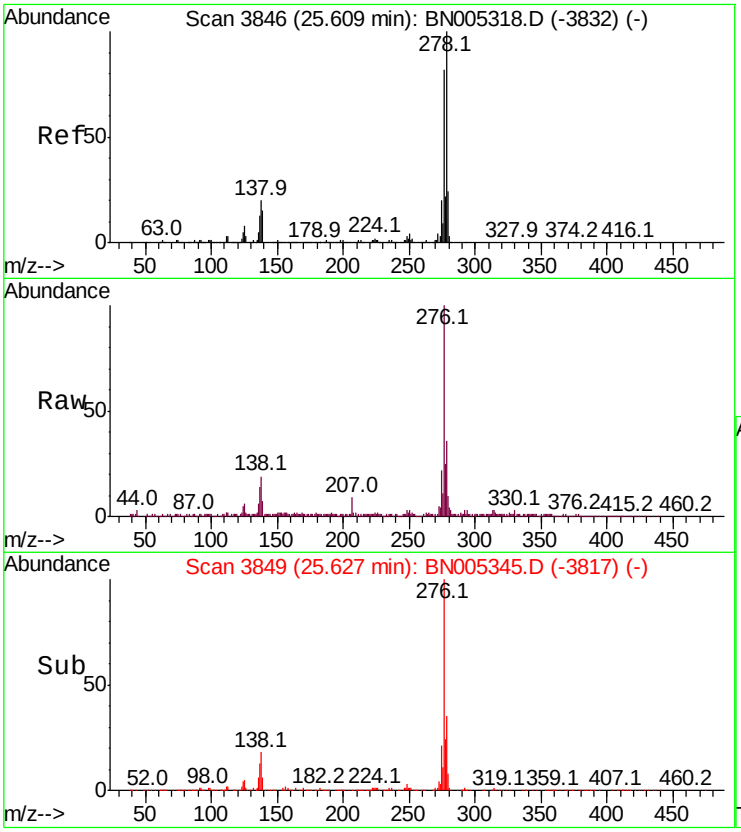


#91
Indeno(1,2,3-cd)pyrene
Concen: 14.768 ng/ul
RT: 25.62 min Scan# 3847
Delta R.T. -0.01 min
Lab File: BN005345.D
Acq: 27 Apr 2019 08:00

Tgt Ion:276 Resp: 1751263

Ion	Ratio	Lower	Upper
276	100		
138	19.1	17.9	26.9
277	26.1	19.7	29.5



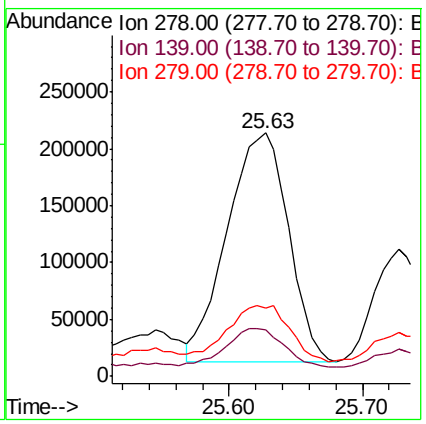


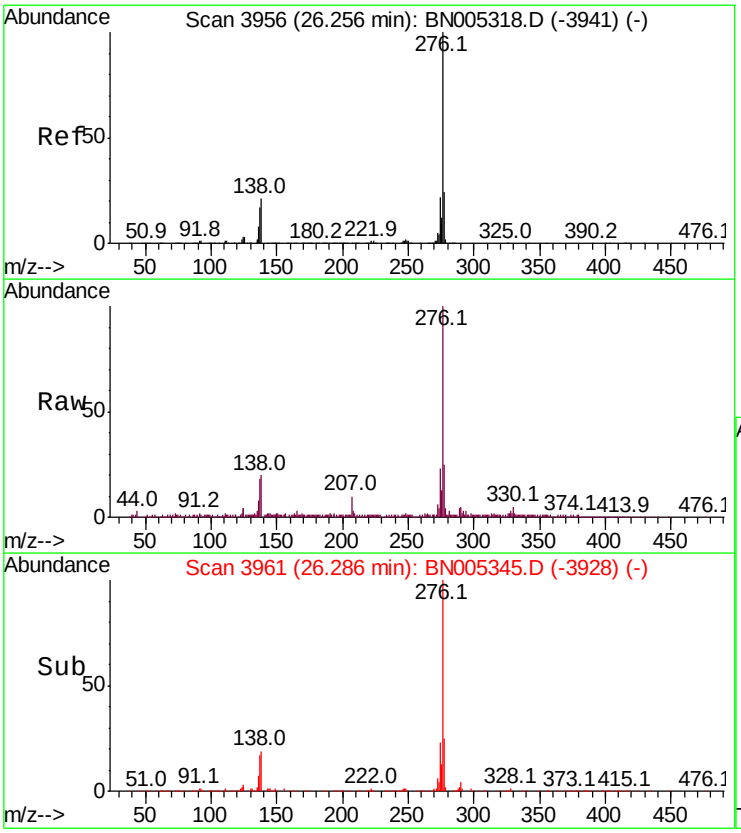
#92
Dibenzo(a,h)anthracene
Concen: 6.348 ng/ul
RT: 25.63 min Scan# 3849
Delta R.T. -0.01 min
Lab File: BN005345.D
Acq: 27 Apr 2019 08:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 638867

Ion	Ratio	Lower	Upper
278	100		
139	18.9	13.1	19.7
279	28.3	19.4	29.0





#93
Benzo(g,h,i)perylene
Concen: 14.785 ng/ul
RT: 26.29 min Scan# 3961
Delta R.T. -0.01 min
Lab File: BN005345.D
Acq: 27 Apr 2019 08:00

Tgt Ion:276 Resp: 1449695

Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.7	25.1
277	25.4	18.2	27.2