Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002611.D
Acq On : 06 Sep 2018 11:25
Operator : JU/SJ
Sample : J4688-08DL 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY6DL

Manual Integrations APPROVED
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9/6/2018 4:30:05 PM

Quant Time: Sep 06 13:49:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 06 06:54:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	215141	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	967179	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	555563	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1188353	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	824451	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	718954	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	597	0.13	ng/uL	0.00
5) Phenol-d5	6.86	99	17420	0.88	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.01	67	11838	0.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	14827	0.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	15126	0.96	ng/ul	0.01
19) Nitrobenzene-d5	8.82	128	7136	0.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	7640	0.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	14417	0.97	ng/ul	0.02
29) 4-Chloroaniline-d4	10.59	131	16617	1.03	ng/ul	0.02
43) Dimethylphthalate-d6	13.71	166	55910	1.21	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	65321	1.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	271	0.03	ng/ul	0.08
57) Fluorene-d10	15.29	176	52592	1.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.15	188	77701	1.37	ng/ul	0.00
78) Pyrene-d10	19.45	212	68256	1.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	50623	1.35	ng/ul	0.00
Target Compounds						Qvalue
49) Acenaphthene	14.36	153	131292	3.460	ng/ul	98
53) Dibenzofuran	14.70	168	124523	2.326	ng/ul	93
58) Fluorene	15.35	166	149516	3.414	ng/ul	98
69) Phenanthrene	17.09	178	2951626	45.055	ng/ul	99
71) Anthracene	17.18	178	630992	9.497	ng/ul	99
74) Carbazole	17.45	167	259809	4.409	ng/ul	98
76) Fluoranthene	19.12	202	2996803	40.192	ng/ul	100
79) Pyrene	19.48	202	3004573	60.439	ng/ul	100
82) Benzo(a)anthracene	21.23	228	1207989	23.916	ng/ul	99
84) Chrysene	21.29	228	1125253	23.539	ng/ul	97
87) Benzo(b)fluoranthene	22.81	252	967667	22.454	ng/ul	99
88) Benzo(k)fluoranthene	22.84	252	341605m	8.414	ng/ul	
90) Benzo(a)pyrene	23.37	252	778916	18.974	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.68	276	428658	8.777	ng/ul#	92
92) Dibenzo(a,h)anthracene	25.69	278	122176	2.992	ng/ul#	80
93) Benzo(g,h,i)perylene	26.36	276	426782	10.473	ng/ul	96

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

Quantitation Report (LSC Reviewed)

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Acq On : 06 Sep 2018 11:25
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Misc :
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Quant Time: Sep 06 13:49:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 06 06:54:57 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A3YY6DL

Manual Integrations APPROVED
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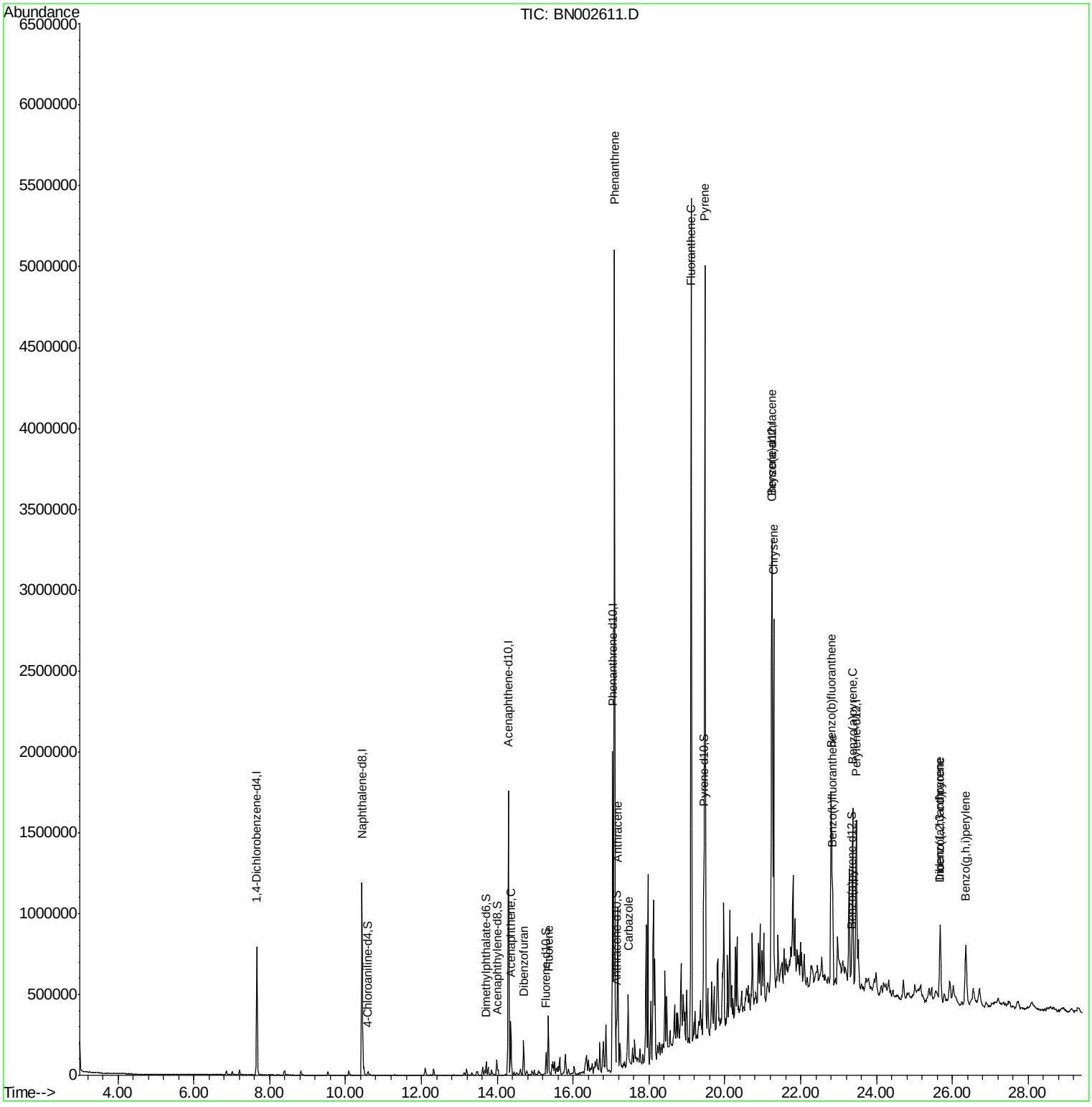
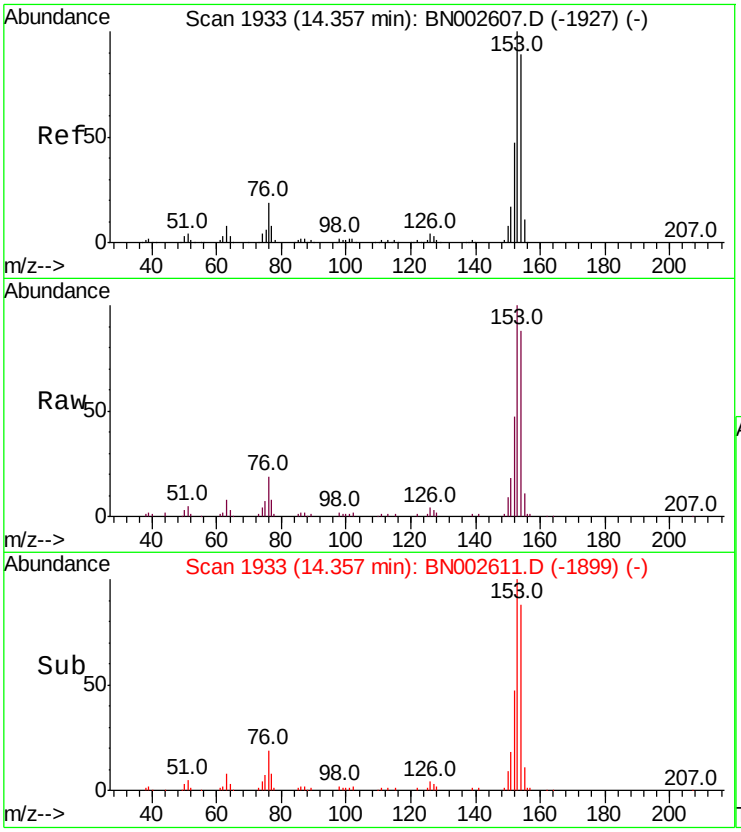
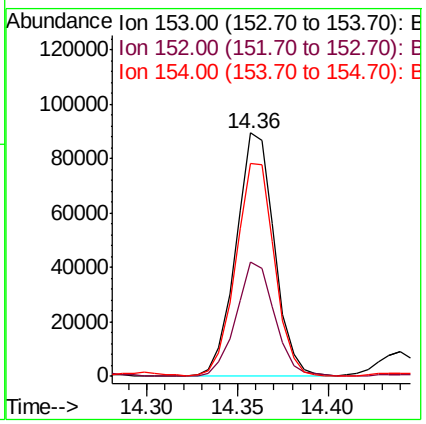




#49
Acenaphthene
Concen: 3.460 ng/ul
RT: 14.36 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BN002611.D
Acq: 06 Sep 2018 11:25

Tgt Ion:153 Resp: 131292

Ion	Ratio	Lower	Upper
153	100		
152	47.0	38.3	57.5
154	87.5	71.8	107.8



Instrument :
BNA_N
ClientSampleId :
A3YY6DL

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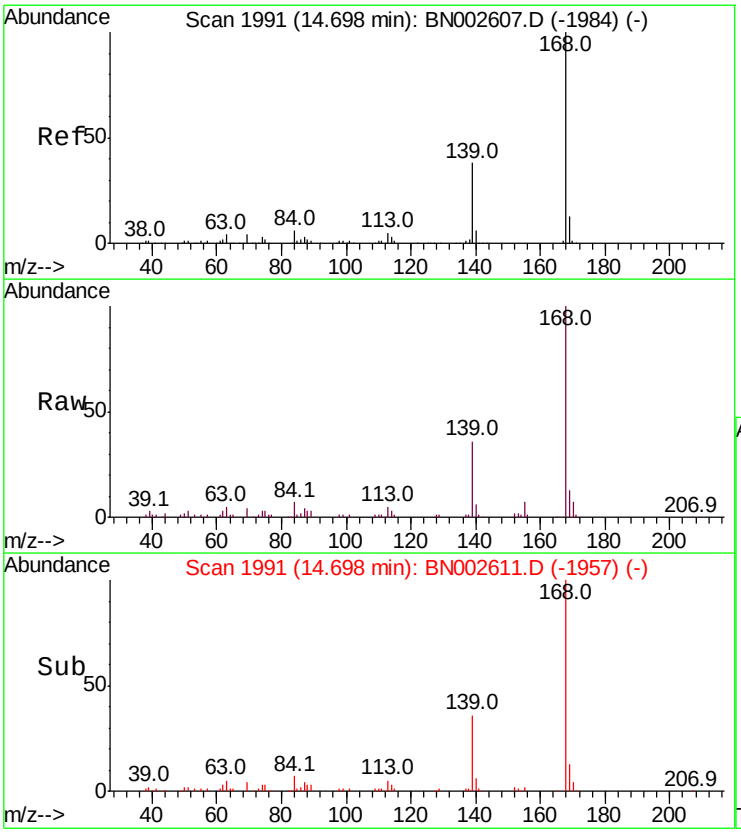
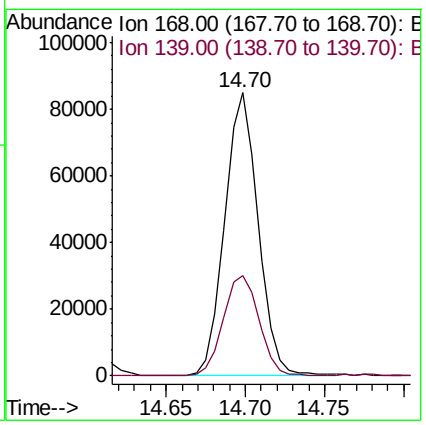
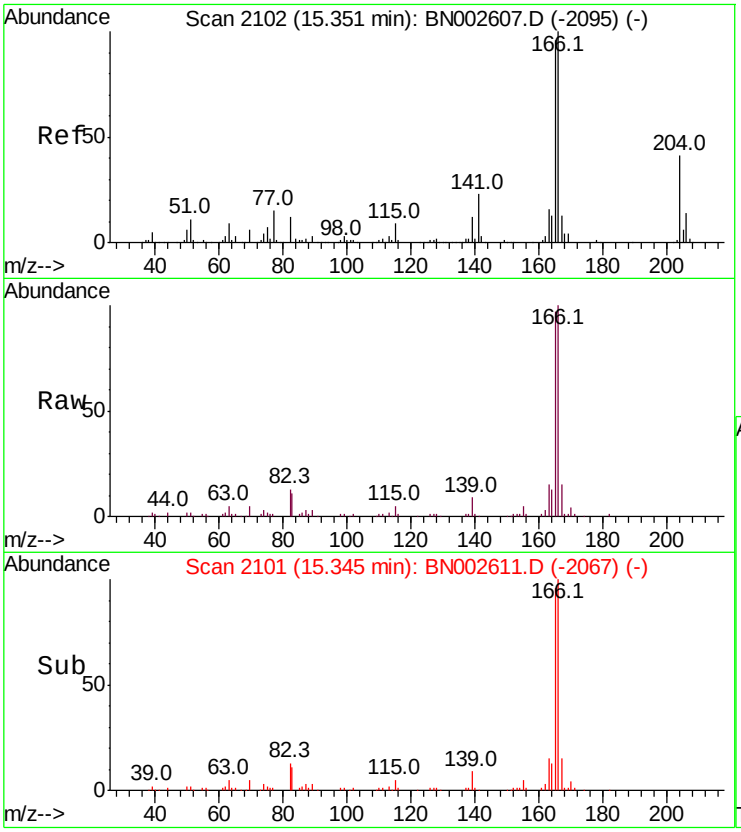


#53
Dibenzofuran
Concen: 2.326 ng/ul
RT: 14.70 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BN002611.D
Acq: 06 Sep 2018 11:25

Tgt Ion:168 Resp: 124523

Ion	Ratio	Lower	Upper
168	100		
139	35.6	32.2	48.2

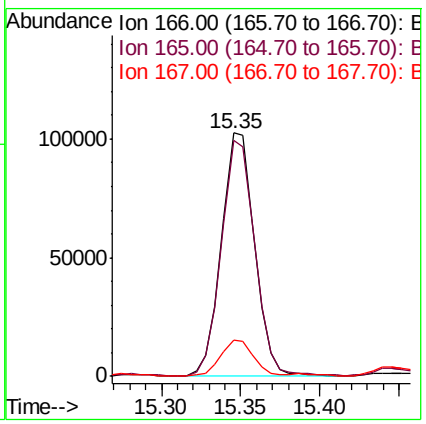




#58
Fluorene
Concen: 3.414 ng/ul
RT: 15.35 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BN002611.D
Acq: 06 Sep 2018 11:25

Tgt Ion:166 Resp: 149516

Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.5	117.7
167	15.1	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
A3YY6DL

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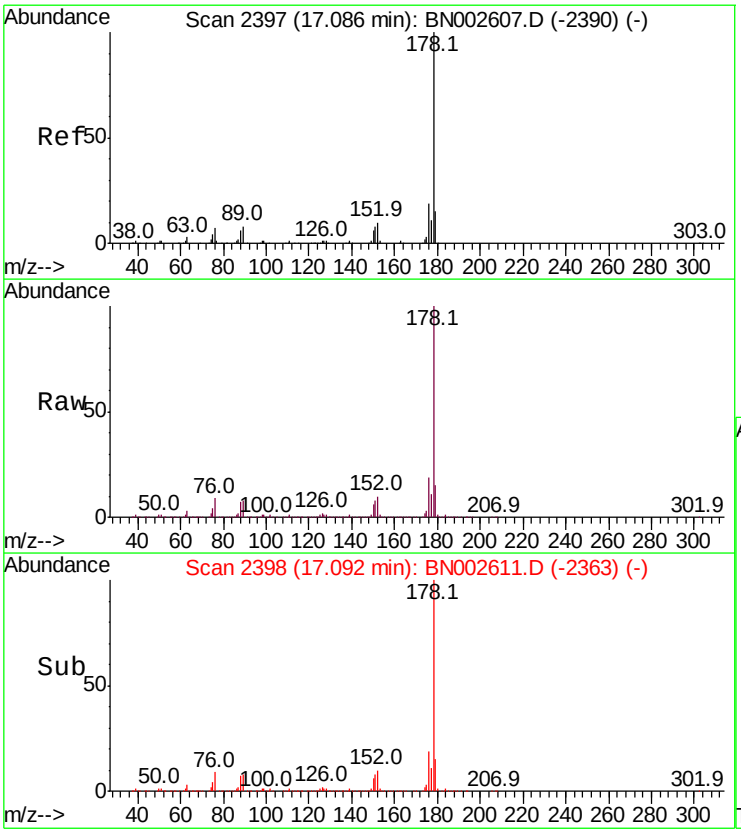
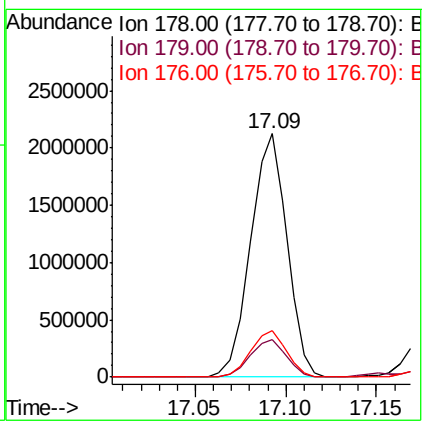
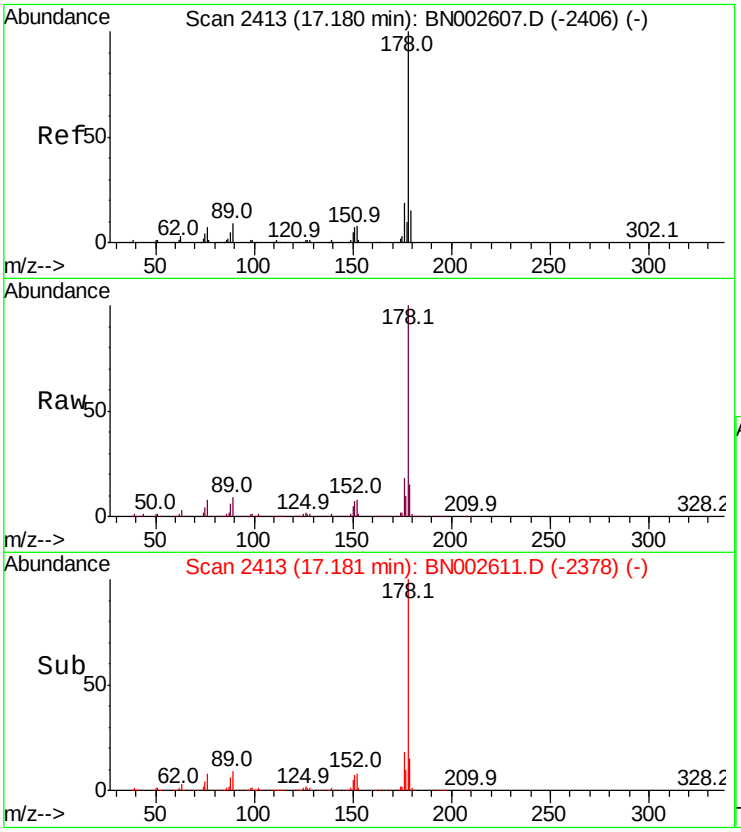


#69
Phenanthrene
Concen: 45.055 ng/ul
RT: 17.09 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BN002611.D
Acq: 06 Sep 2018 11:25

Tgt Ion:178 Resp: 2951626

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	19.0	15.6	23.4

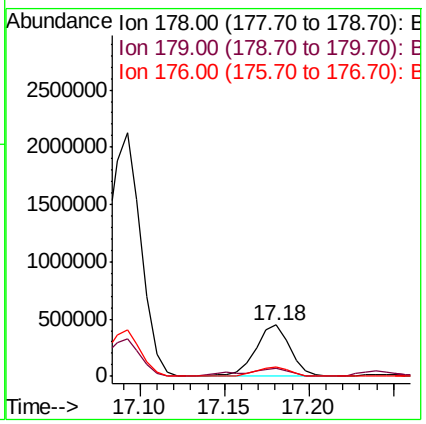




#71
Anthracene
Concen: 9.497 ng/ul
RT: 17.18 min Scan# 2413
Delta R.T. 0.01 min
Lab File: BN002611.D
Acq: 06 Sep 2018 11:25

Tgt Ion:178 Resp: 630992

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.1	18.1
176	17.8	14.8	22.2



Instrument :
BNA_N
ClientSampleId :
A3YY6DL

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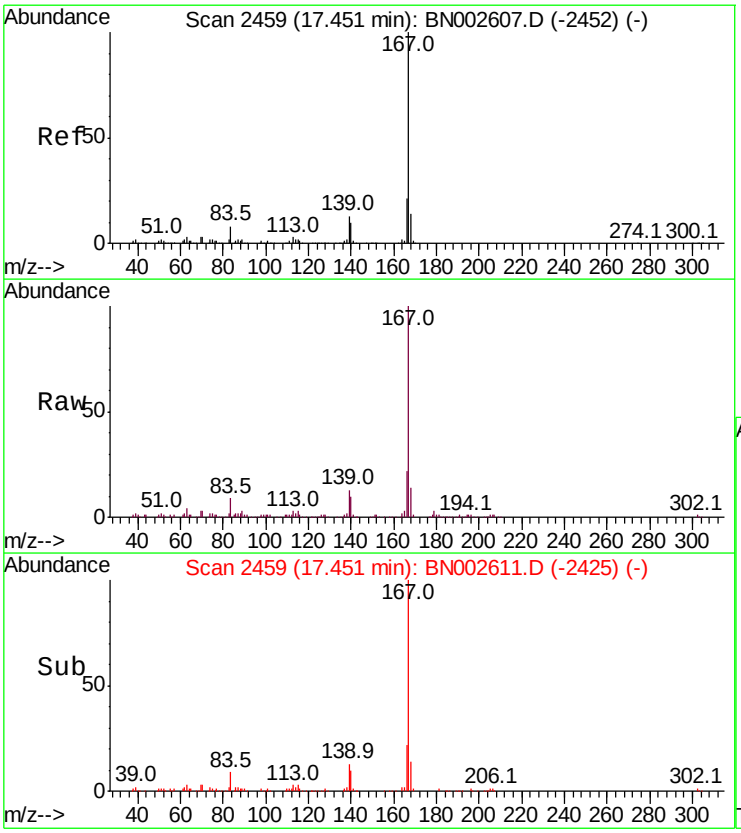
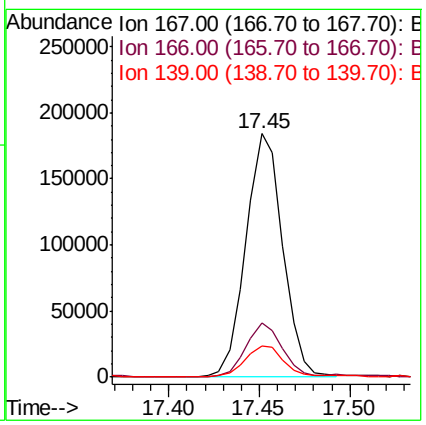
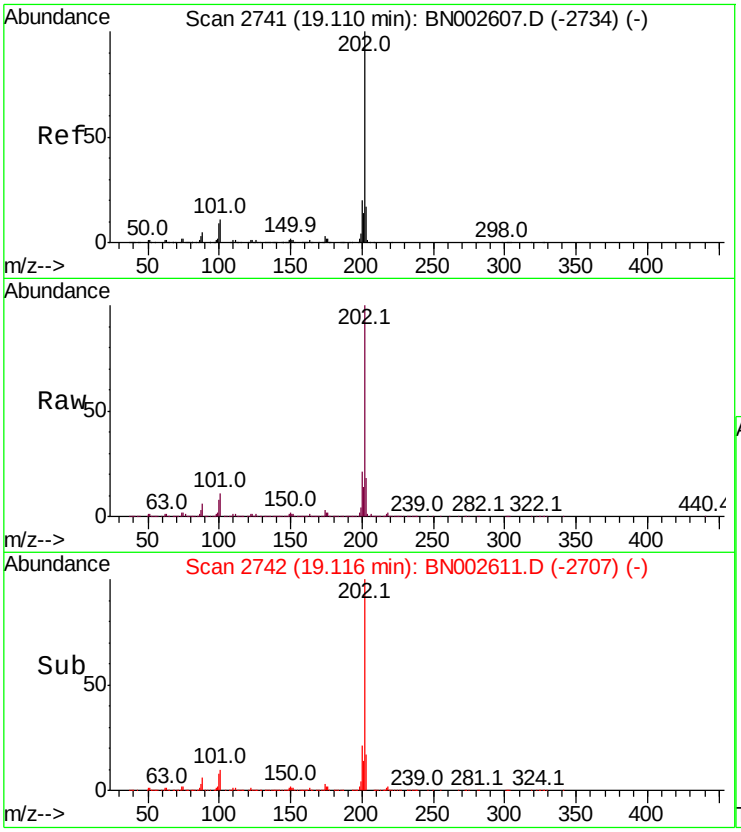


#74
Carbazole
Concen: 4.409 ng/ul
RT: 17.45 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BN002611.D
Acq: 06 Sep 2018 11:25

Tgt Ion:167 Resp: 259809

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.0	25.6
139	13.0	11.0	16.4

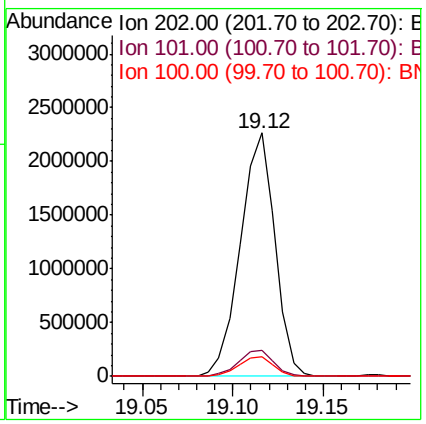




#76
Fluoranthene
Concen: 40.192 ng/ul
RT: 19.12 min Scan# 2742
Delta R.T. 0.01 min
Lab File: BN002611.D
Acq: 06 Sep 2018 11:25

Tgt Ion:202 Resp: 2996803

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.8	13.2
100	8.2	6.6	9.8



Instrument :
BNA_N
ClientSampleId :
A3YY6DL

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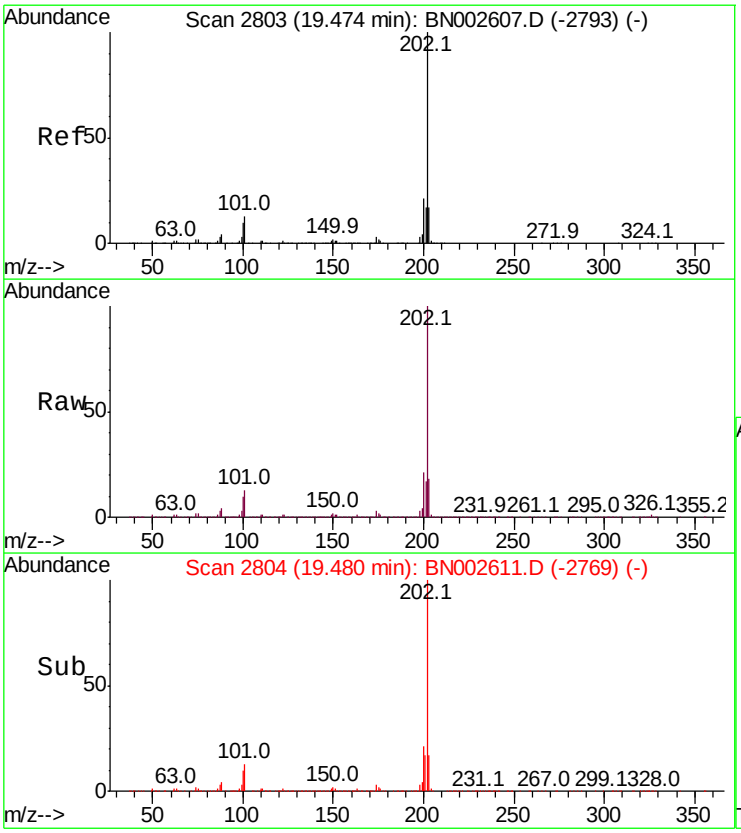
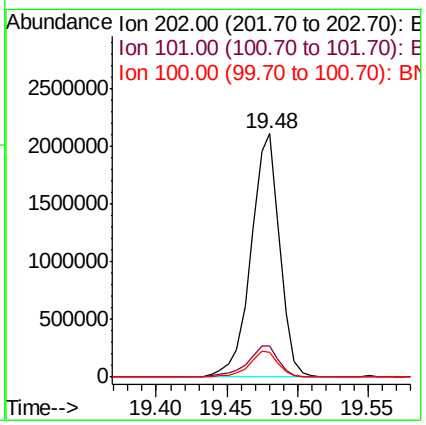
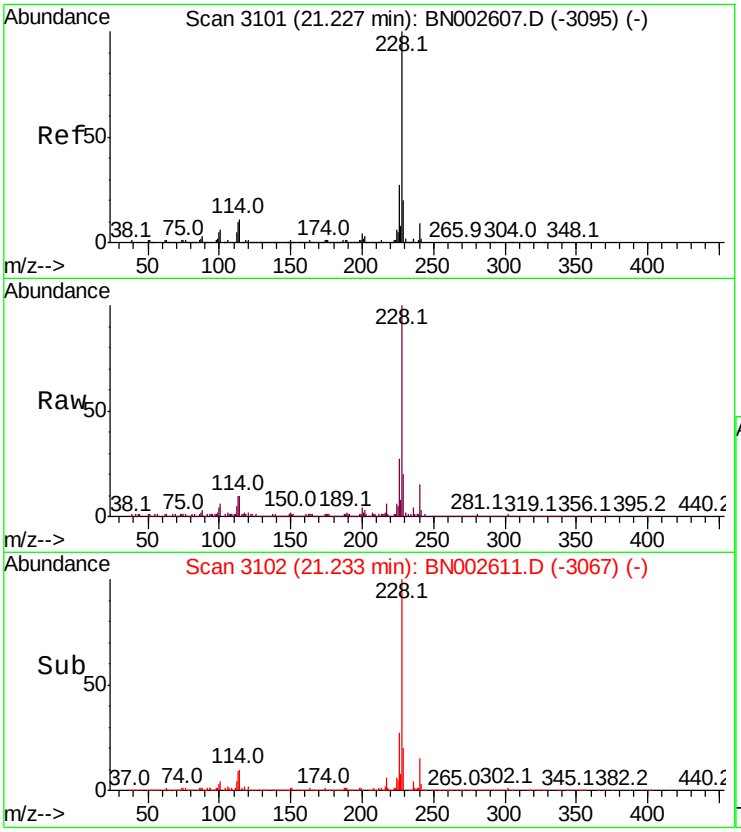


#79
Pyrene
Concen: 60.439 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. 0.01 min
Lab File: BN002611.D
Acq: 06 Sep 2018 11:25

Tgt Ion:202 Resp: 3004573

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.2	15.2
100	10.4	8.5	12.7

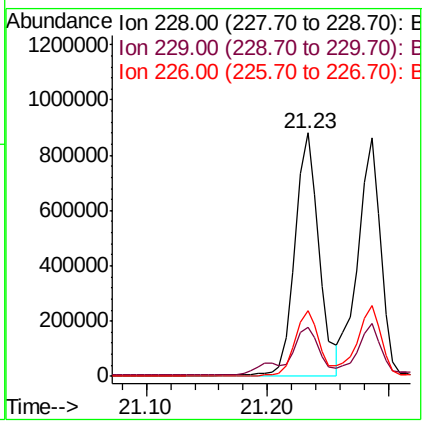




#82
Benzo(a)anthracene
Concen: 23.916 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BN002611.D
Acq: 06 Sep 2018 11:25

Tgt Ion:228 Resp: 1207989

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.7	23.5
226	26.9	21.8	32.6



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ClientSampleId :
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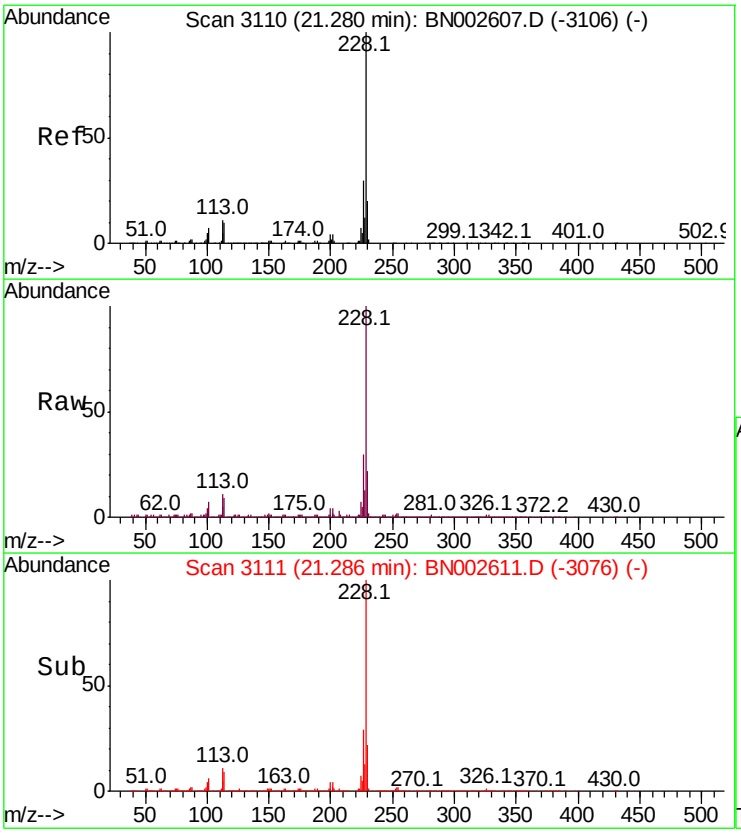
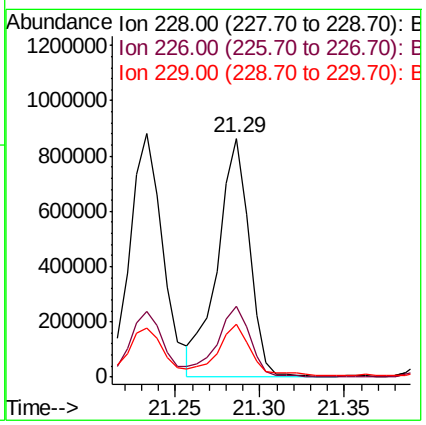
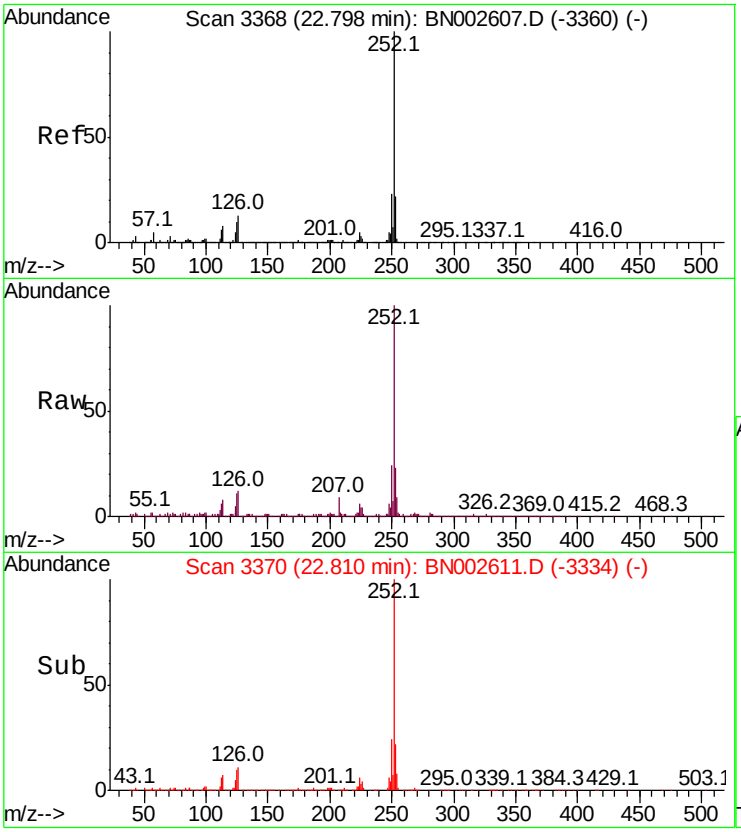


#84
Chrysene
Concen: 23.539 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. 0.01 min
Lab File: BN002611.D
Acq: 06 Sep 2018 11:25

Tgt Ion:228 Resp: 1125253

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	22.3	15.6	23.4

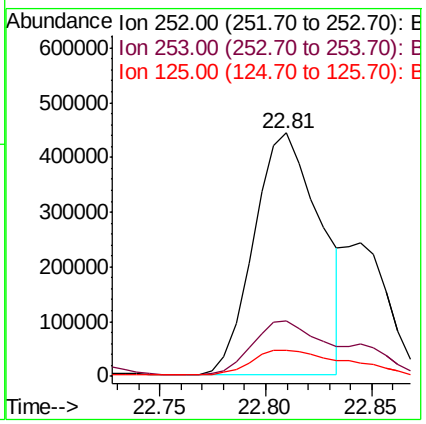




#87
Benzo(b)fluoranthene
Concen: 22.454 ng/ul
RT: 22.81 min Scan# 3370
Delta R.T. 0.01 min
Lab File: BN002611.D
Acq: 06 Sep 2018 11:25

Tgt Ion:252 Resp: 967667

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	10.7	8.5	12.7



Instrument :
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ClientSampleId :
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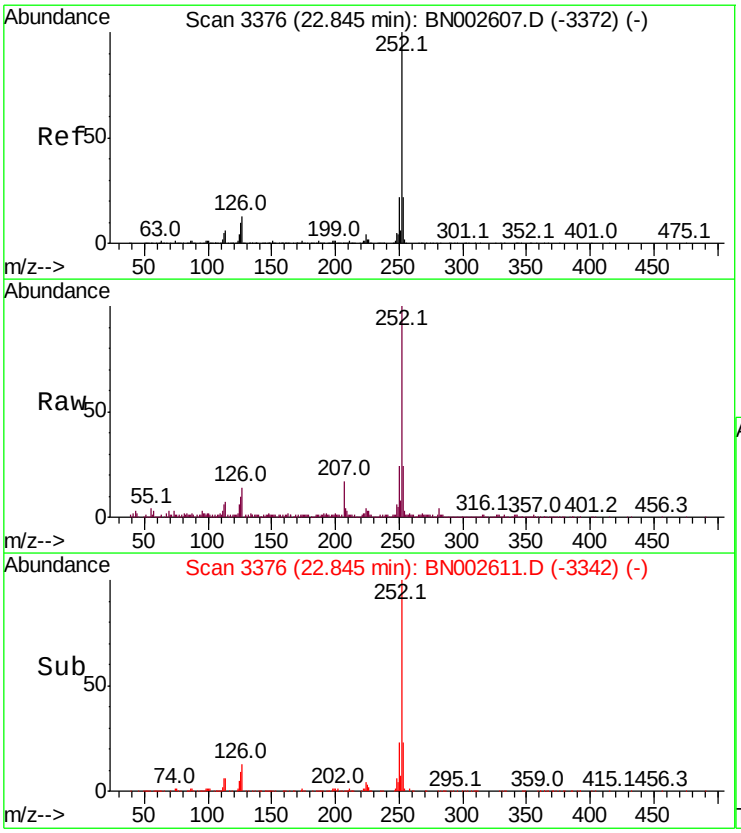
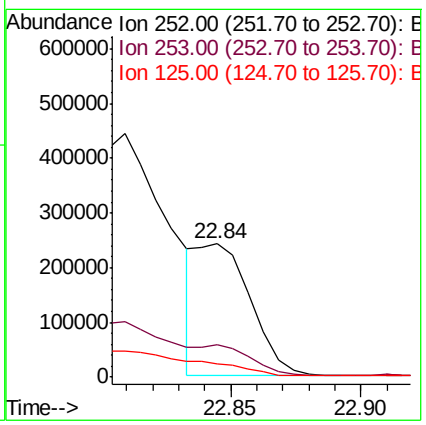
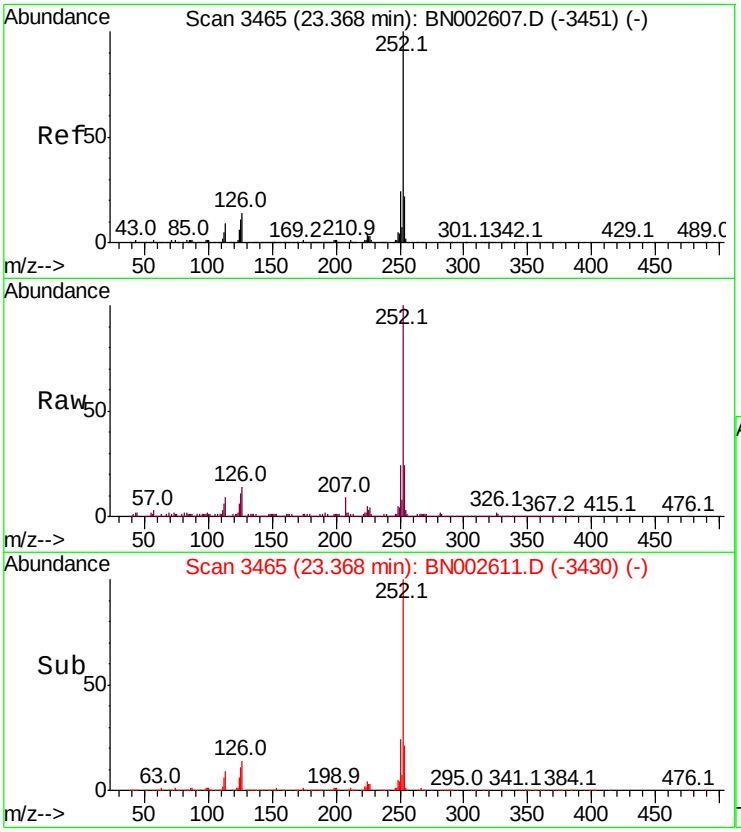


#88
Benzo(k)fluoranthene
Concen: 8.414 ng/ul m
RT: 22.84 min Scan# 3376
Delta R.T. -0.00 min
Lab File: BN002611.D
Acq: 06 Sep 2018 11:25

Tgt Ion:252 Resp: 341605

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.3	25.9
125	10.3	8.2	12.2

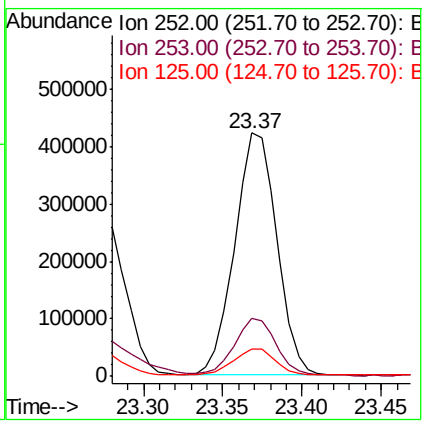




#90
Benzo(a)pyrene
Concen: 18.974 ng/ul
RT: 23.37 min Scan# 3465
Delta R.T. 0.01 min
Lab File: BN002611.D
Acq: 06 Sep 2018 11:25

Tgt Ion:252 Resp: 778916

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	11.2	9.0	13.6



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A3YY6DL

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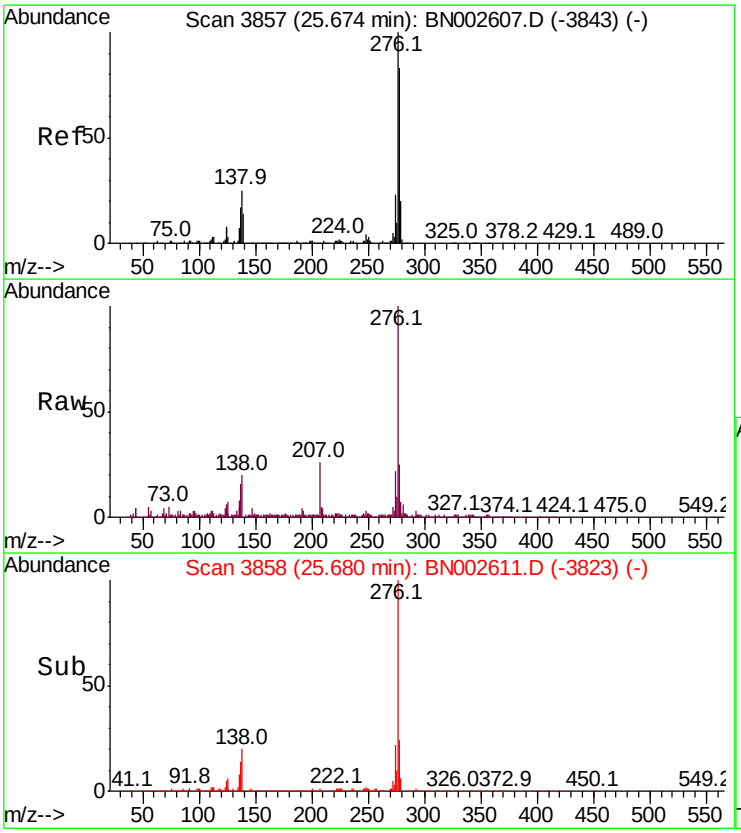
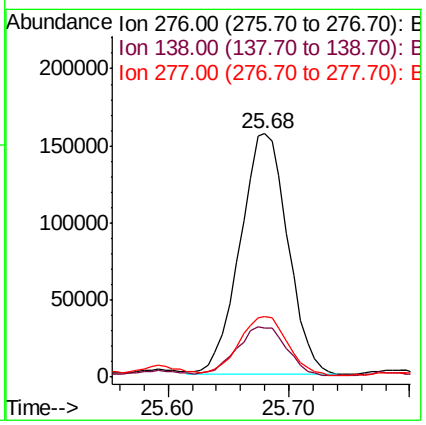
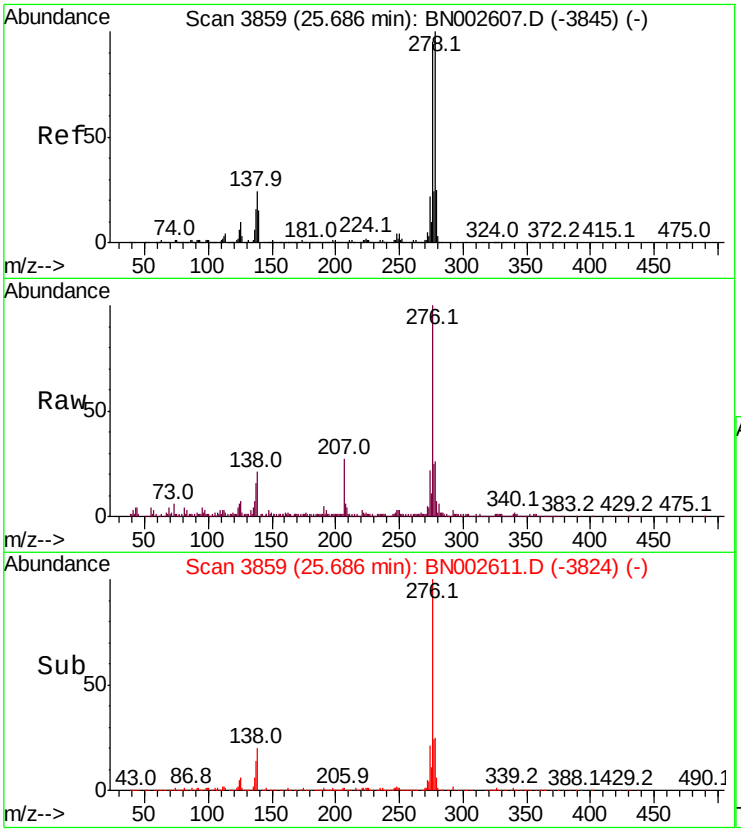


#91
Indeno(1,2,3-cd)pyrene
Concen: 8.777 ng/ul
RT: 25.68 min Scan# 3858
Delta R.T. 0.01 min
Lab File: BN002611.D
Acq: 06 Sep 2018 11:25

Tgt Ion:276 Resp: 428658

Ion	Ratio	Lower	Upper
276	100		
138	20.2	22.3	33.5#
277	25.0	20.2	30.2

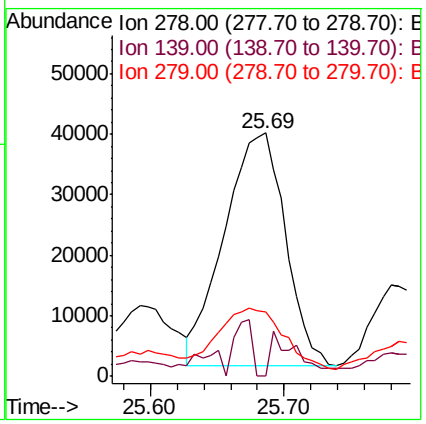




#92
Dibenzo(a,h)anthracene
Concen: 2.992 ng/ul
RT: 25.69 min Scan# 3859
Delta R.T. 0.01 min
Lab File: BN002611.D
Acq: 06 Sep 2018 11:25

Tgt Ion:278 Resp: 122176

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.9	20.9#
279	26.4	19.0	28.4



Instrument :
BNA_N
ClientSampleId :
A3YY6DL

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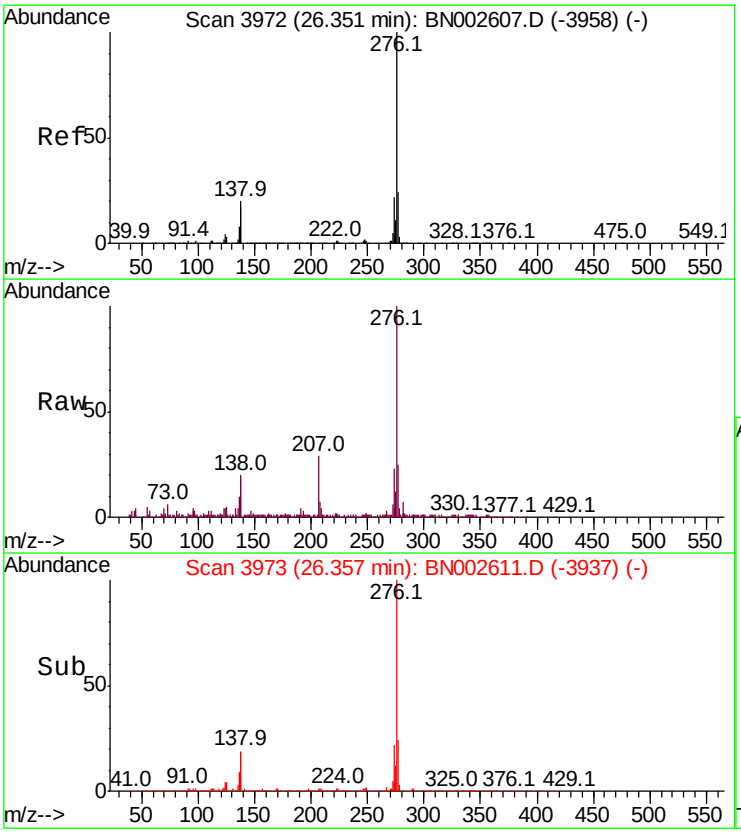
Sohil
9/6/2018 4:30:05 PM



#93
Benzo(g,h,i)perylene
Concen: 10.473 ng/ul
RT: 26.36 min Scan# 3973
Delta R.T. 0.01 min
Lab File: BN002611.D
Acq: 06 Sep 2018 11:25

Tgt Ion:276 Resp: 426782

Ion	Ratio	Lower	Upper
276	100		
138	20.0	18.9	28.3
277	24.9	19.2	28.8