Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002668.D
Acq On : 12 Sep 2018 22:59
Operator : JU/SJ
Sample : J4792-02 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 13 06:01:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 13 05:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	183824	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	774546	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	395906	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	719724	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	591793	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	653799	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	2020	0.52	ng/uL	0.00
5) Phenol-d5	6.85	99	42415	2.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	25772	2.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	33993	2.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	33419	2.48	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	16487	2.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	16464	2.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	30851	2.59	ng/ul	0.01
29) 4-Chloroaniline-d4	10.59	131	28881	2.24	ng/ul	0.02
43) Dimethylphthalate-d6	13.70	166	97846	2.98	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	123940	3.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	233	0.04	ng/ul	0.00
57) Fluorene-d10	15.29	176	85172	2.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	592	0.13	ng/ul	0.02
70) Anthracene-d10	17.15	188	109600	3.19	ng/ul	0.00
78) Pyrene-d10	19.45	212	99490	3.51	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	107884	3.16	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.48	128	94093	2.361	ng/ul	97
34) 2-Methylnaphthalene	12.10	142	46315	1.575	ng/ul	98
44) Dimethylphthalate	13.75	163	66034	2.052	ng/ul	99
47) Acenaphthylene	14.02	152	136059	3.549	ng/ul	100
49) Acenaphthene	14.36	153	96684	3.576	ng/ul	98
53) Dibenzofuran	14.70	168	123034	3.225	ng/ul	96
58) Fluorene	15.35	166	173943	5.573	ng/ul	97
69) Phenanthrene	17.09	178	1583986	39.922	ng/ul	99
71) Anthracene	17.17	178	645221	16.034	ng/ul	98
74) Carbazole	17.45	167	77872	2.182	ng/ul	97
76) Fluoranthene	19.12	202	2655116	58.796	ng/ul	99
79) Pyrene	19.47	202	2248556	63.014	ng/ul	99
82) Benzo(a)anthracene	21.23	228	1281017	35.333	ng/ul	97
84) Chrysene	21.28	228	1078359	31.426	ng/ul	96
87) Benzo(b)fluoranthene	22.81	252	1296173	33.074	ng/ul	99
88) Benzo(k)fluoranthene	22.81	252	1296173	35.107	ng/ul	98
90) Benzo(a)pyrene	23.37	252	1046607	28.035	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.68	276	615705	13.863	ng/ul#	94
92) Dibenzo(a,h)anthracene	25.68	278	178559	4.809	ng/ul#	75
93) Benzo(g,h,i)perylene	26.36	276	505955	13.653	ng/ul	97

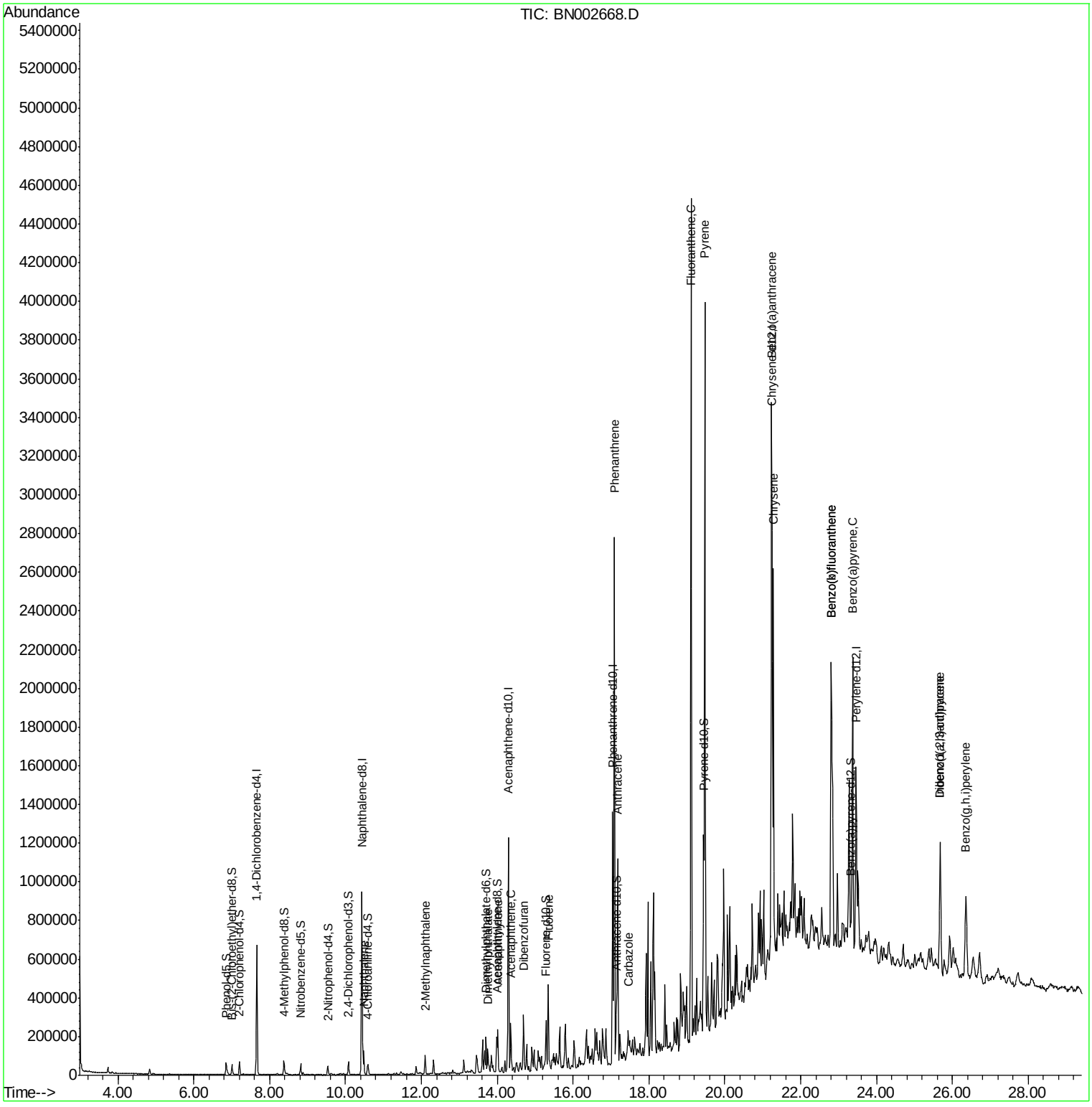
(#) = qualifier out of range (m) = manual integration (+) = signals summed

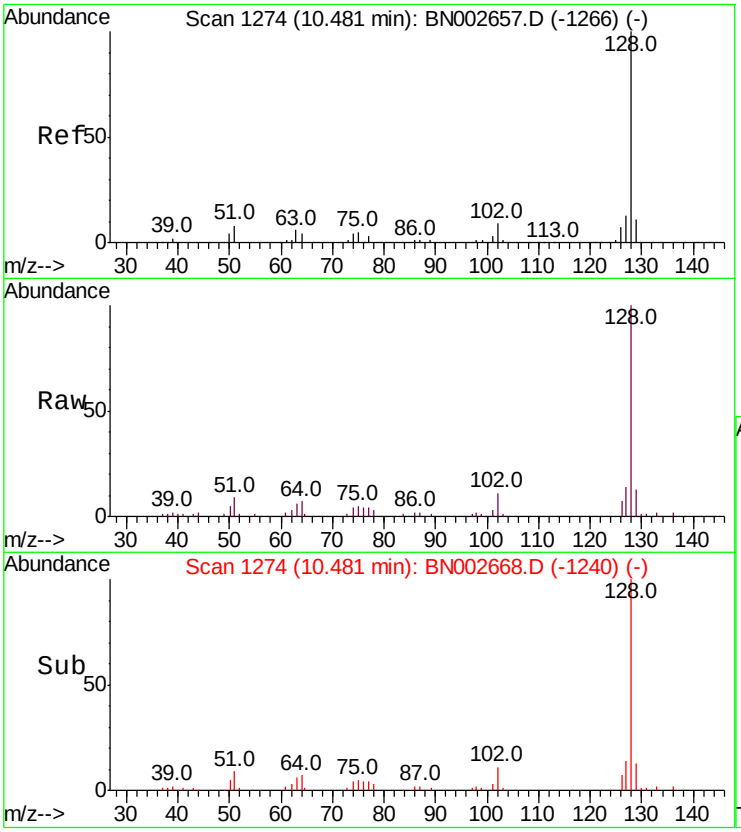
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002668.D
Acq On : 12 Sep 2018 22:59
Operator : JU/SJ
Sample : J4792-02 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 13 06:01:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 13 05:59:25 2018
Response via : Initial Calibration



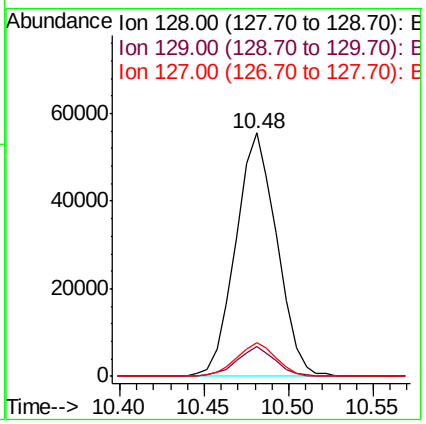


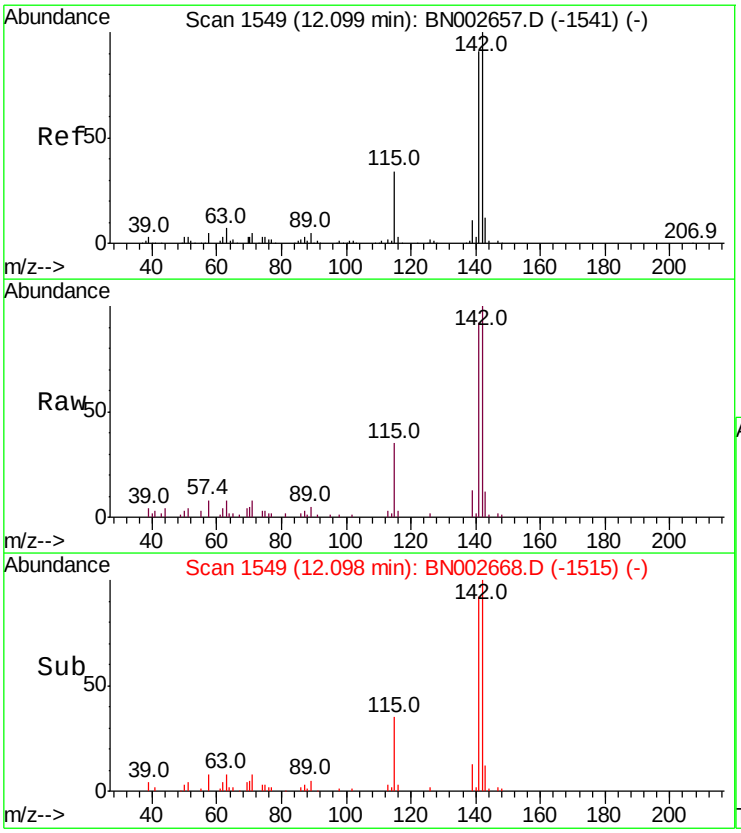
#28
Naphthalene
Concen: 2.361 ng/ul
RT: 10.48 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BN002668.D
Acq: 12 Sep 2018 22:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 94093

Ion	Ratio	Lower	Upper
128	100		
129	12.5	8.8	13.2
127	13.7	10.5	15.7

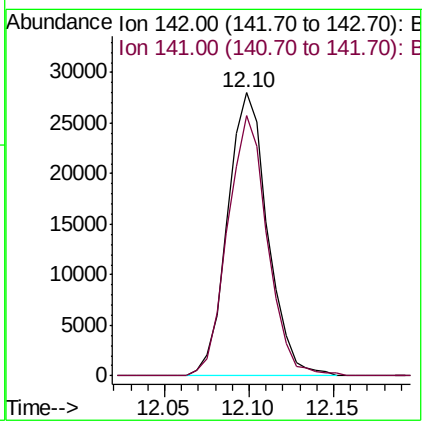


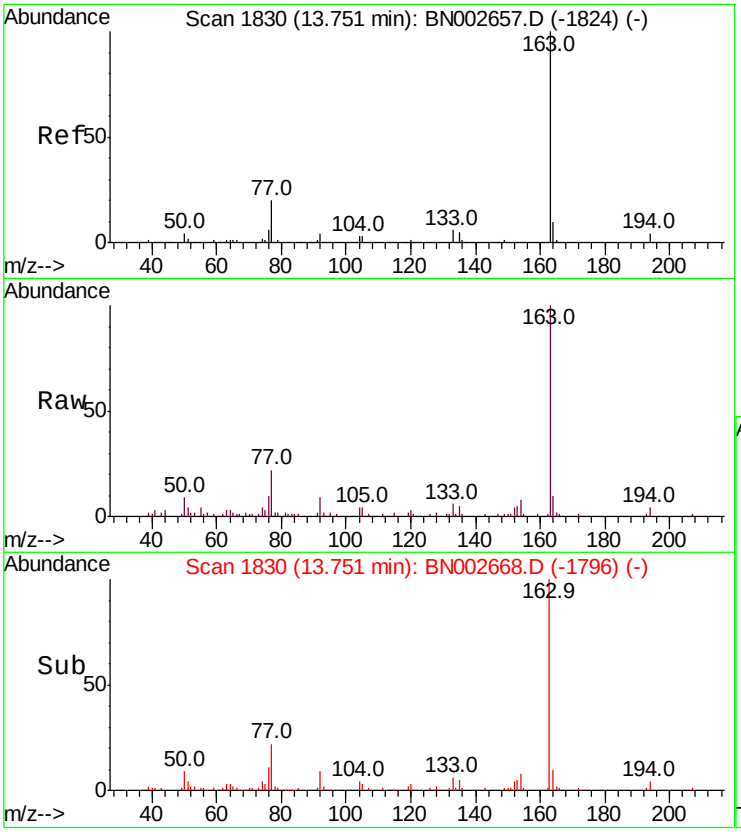


#34
2-Methylnaphthalene
Concen: 1.575 ng/ul
RT: 12.10 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BN002668.D
Acq: 12 Sep 2018 22:59

Tgt Ion:142 Resp: 46315

Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.6	107.4



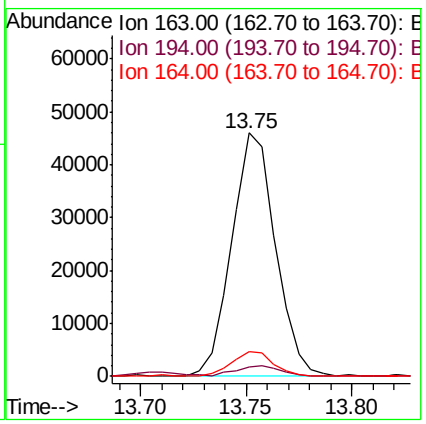


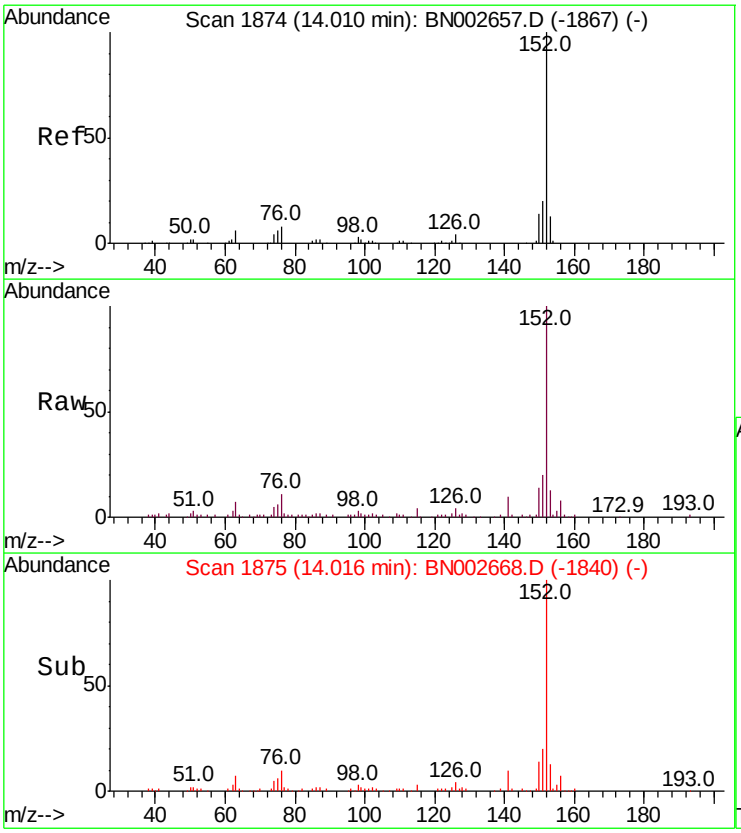
#44
Dimethylphthalate
Concen: 2.052 ng/ul
RT: 13.75 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BN002668.D
Acq: 12 Sep 2018 22:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:163 Resp: 66034

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.2	7.8	11.8

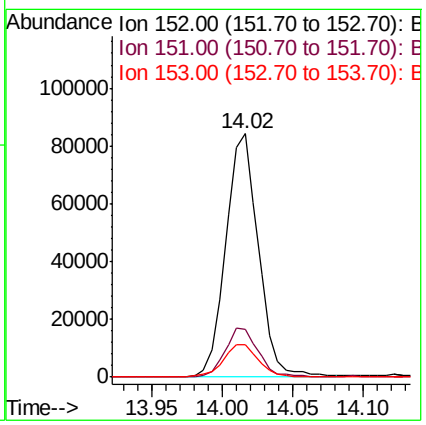


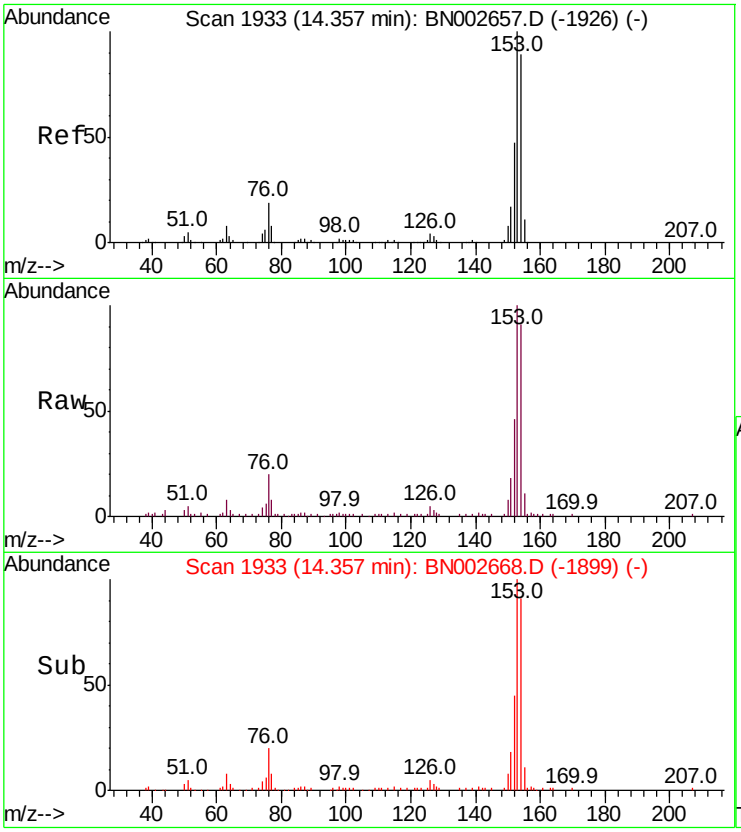


#47
Acenaphthylene
Concen: 3.549 ng/ul
RT: 14.02 min Scan# 1875
Delta R.T. 0.01 min
Lab File: BN002668.D
Acq: 12 Sep 2018 22:59

Tgt Ion:152 Resp: 136059

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.1	10.5	15.7



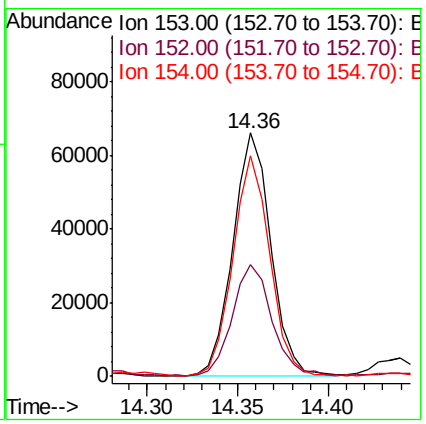


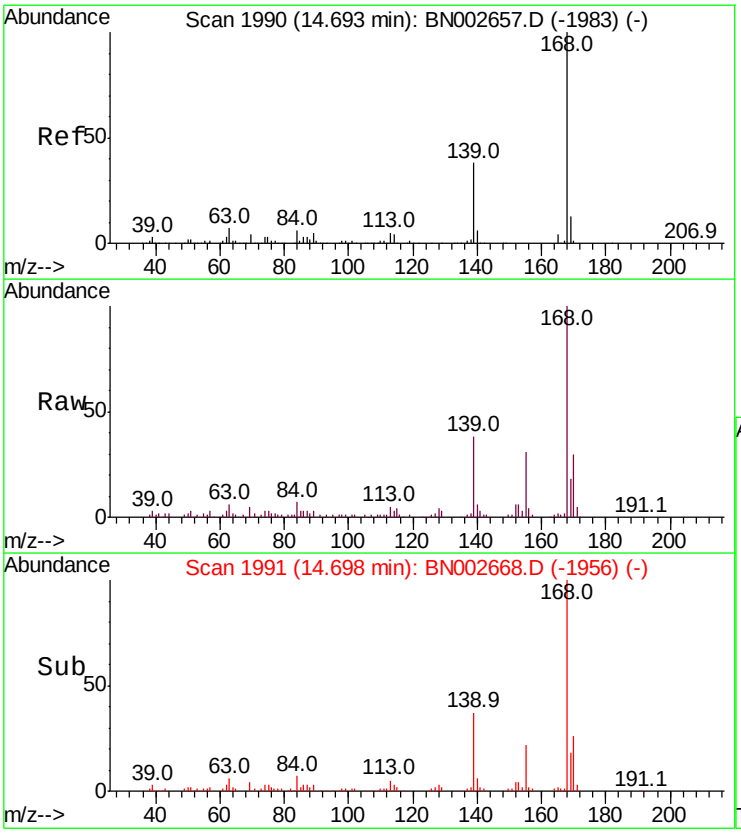
#49
Acenaphthene
Concen: 3.576 ng/ul
RT: 14.36 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BN002668.D
Acq: 12 Sep 2018 22:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 96684

Ion	Ratio	Lower	Upper
153	100		
152	46.0	38.3	57.5
154	90.8	71.8	107.8

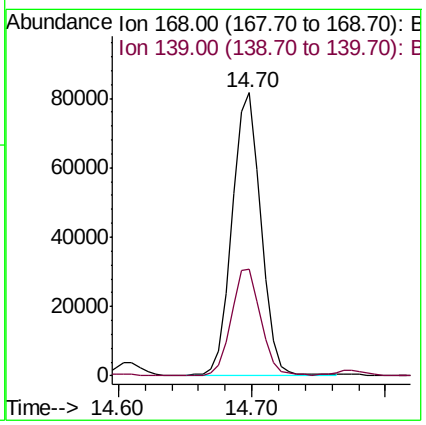


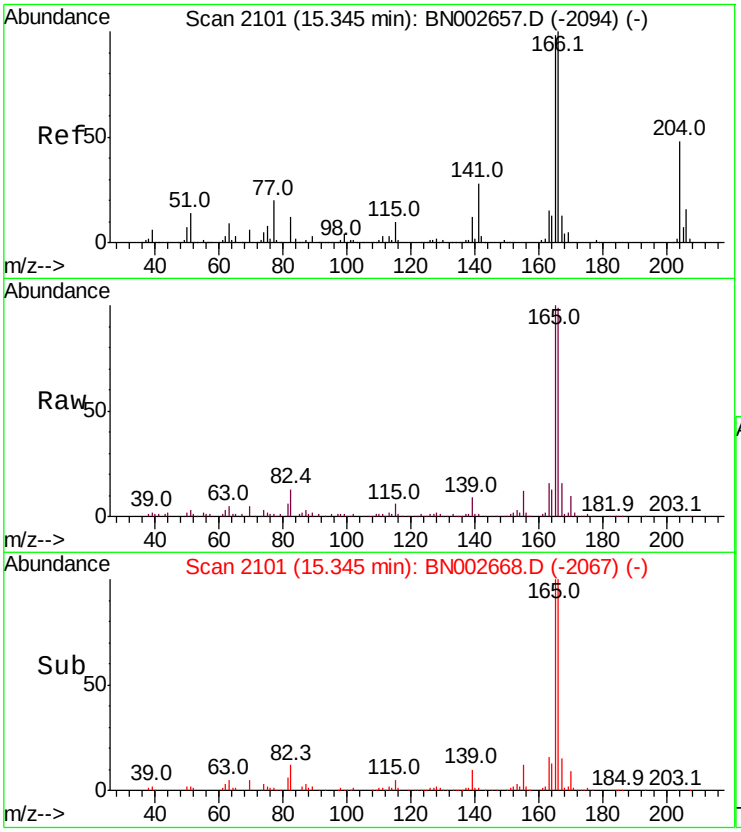


#53
Dibenzofuran
Concen: 3.225 ng/ul
RT: 14.70 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BN002668.D
Acq: 12 Sep 2018 22:59

Tgt Ion:168 Resp: 123034

Ion	Ratio	Lower	Upper
168	100		
139	37.7	32.2	48.2



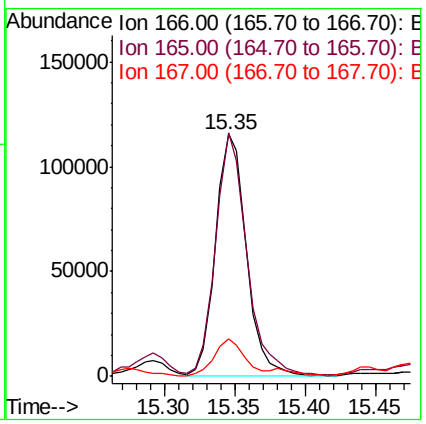


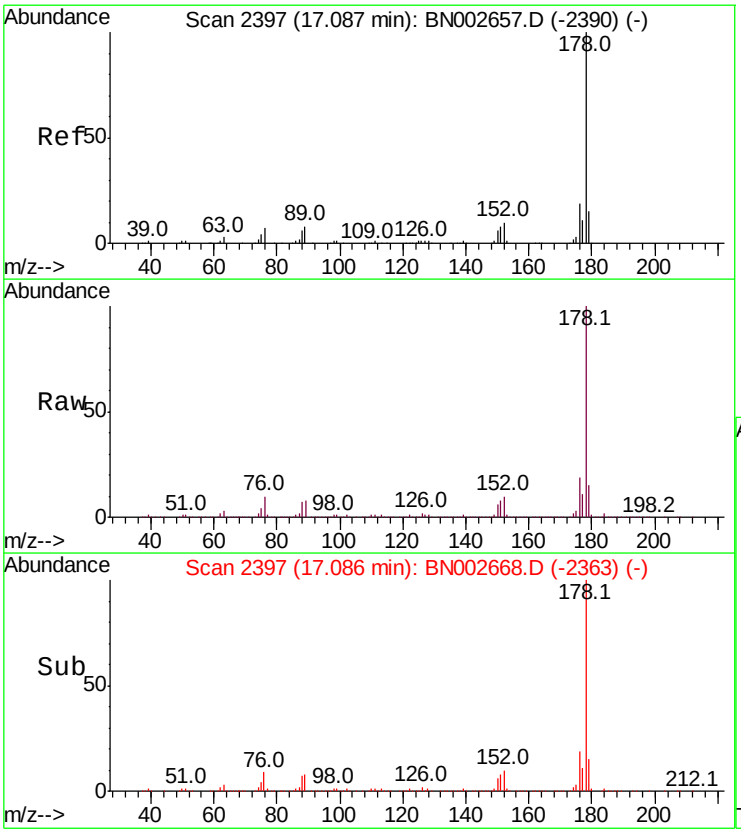
#58
Fluorene
Concen: 5.573 ng/ul
RT: 15.35 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BN002668.D
Acq: 12 Sep 2018 22:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 173943

Ion	Ratio	Lower	Upper
166	100		
165	100.6	78.5	117.7
167	15.8	10.7	16.1

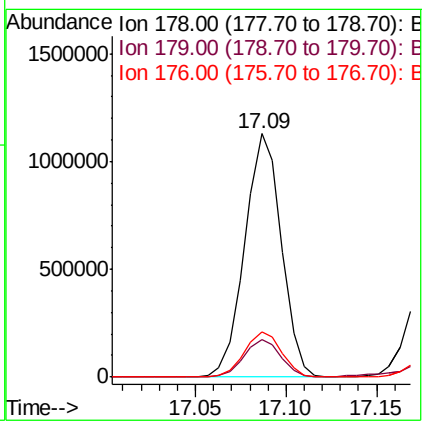


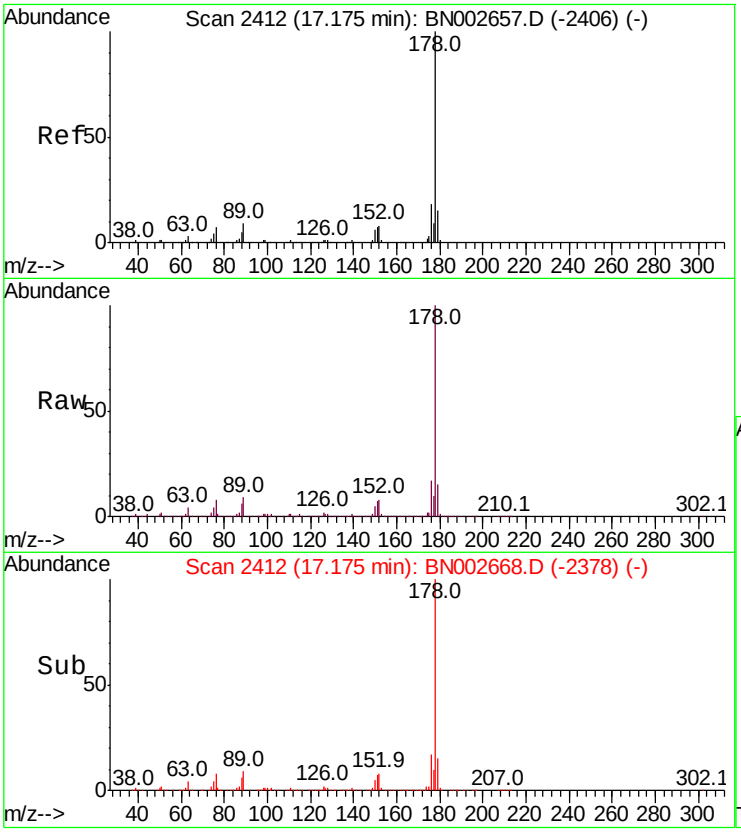


#69
Phenanthrene
Concen: 39.922 ng/ul
RT: 17.09 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BN002668.D
Acq: 12 Sep 2018 22:59

Tgt Ion:178 Resp: 1583986

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	18.7	15.6	23.4



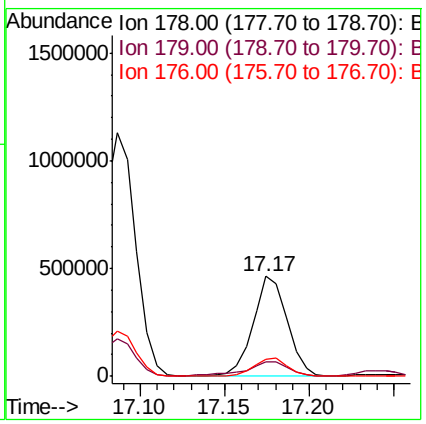


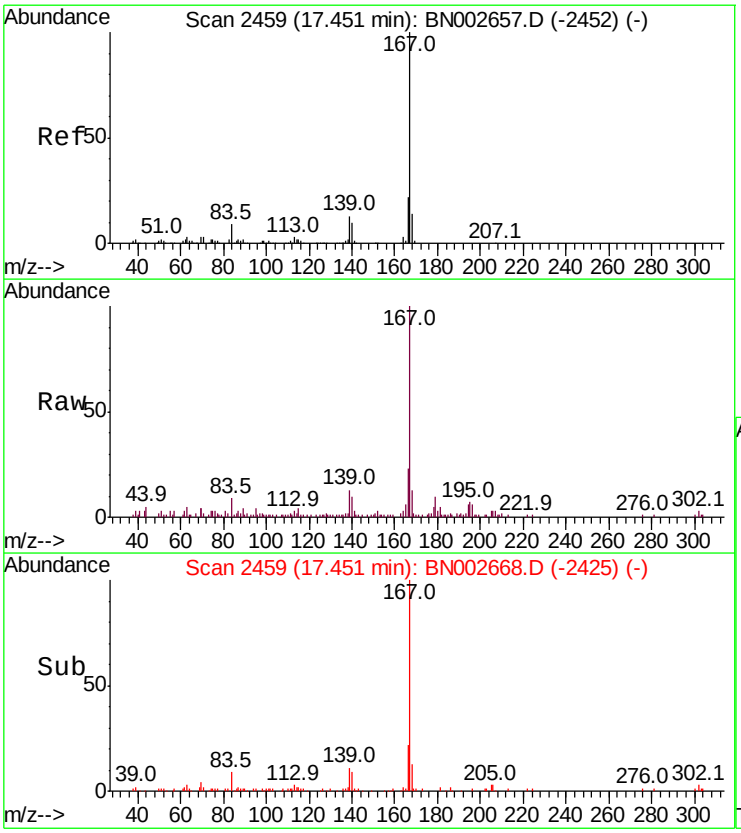
#71
Anthracene
Concen: 16.034 ng/ul
RT: 17.17 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BN002668.D
Acq: 12 Sep 2018 22:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 645221

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.1	18.1
176	17.3	14.8	22.2

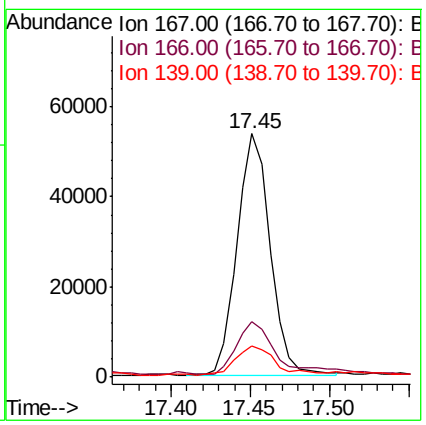


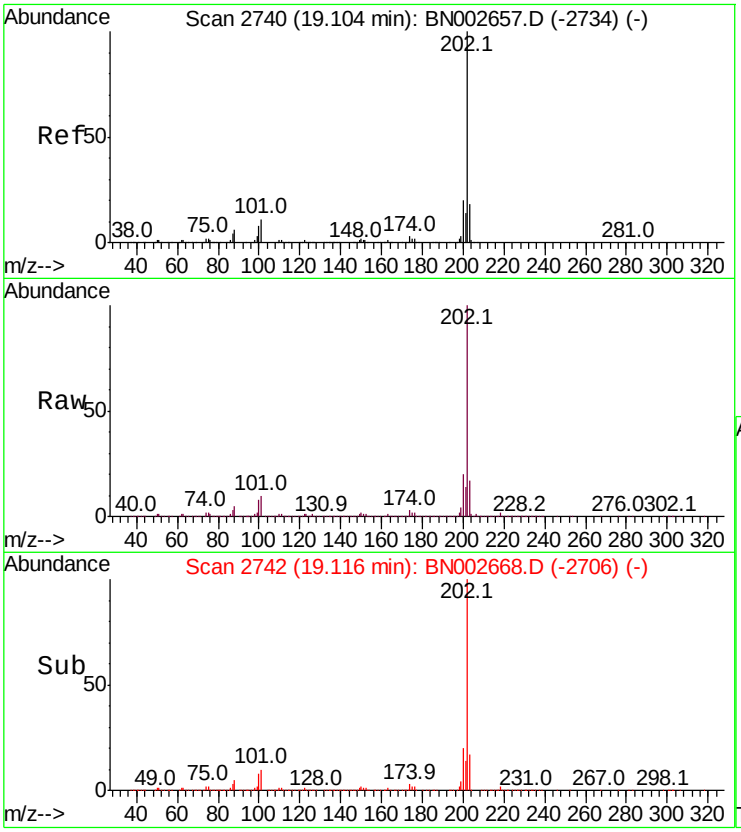


#74
Carbazole
Concen: 2.182 ng/ul
RT: 17.45 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BN002668.D
Acq: 12 Sep 2018 22:59

Tgt Ion:167 Resp: 77872

Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.0	25.6
139	12.6	11.0	16.4



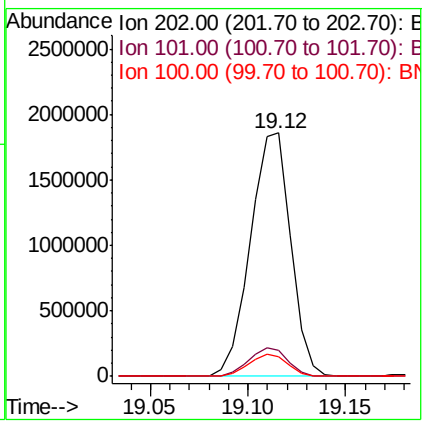


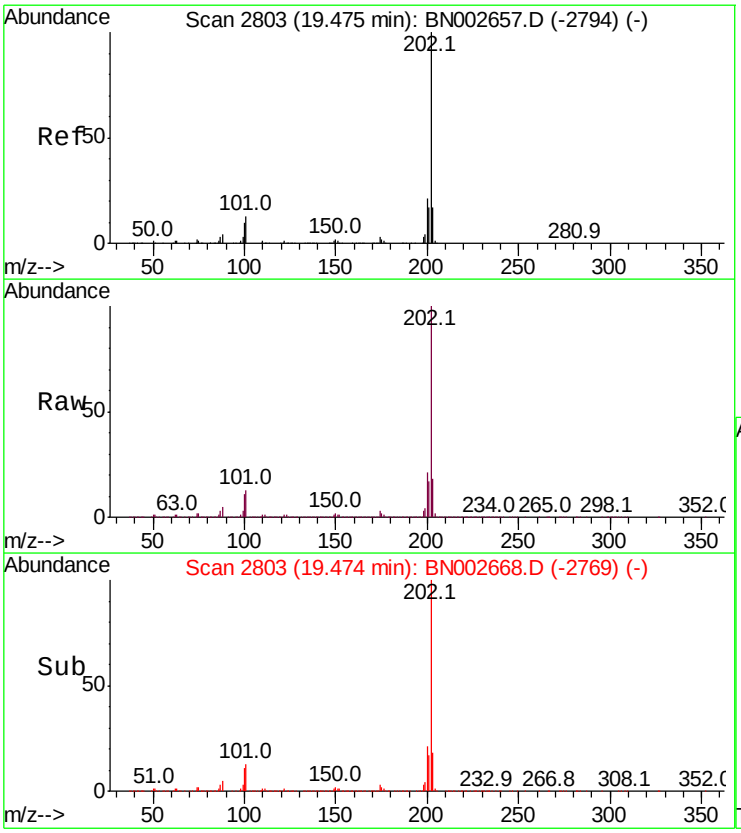
#76
Fluoranthene
Concen: 58.796 ng/ul
RT: 19.12 min Scan# 2742
Delta R.T. 0.01 min
Lab File: BN002668.D
Acq: 12 Sep 2018 22:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 2655116

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.8	13.2
100	8.2	6.6	9.8

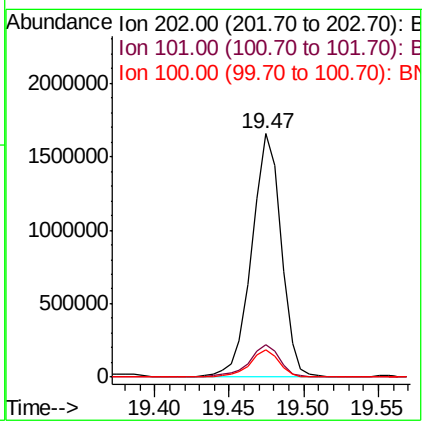


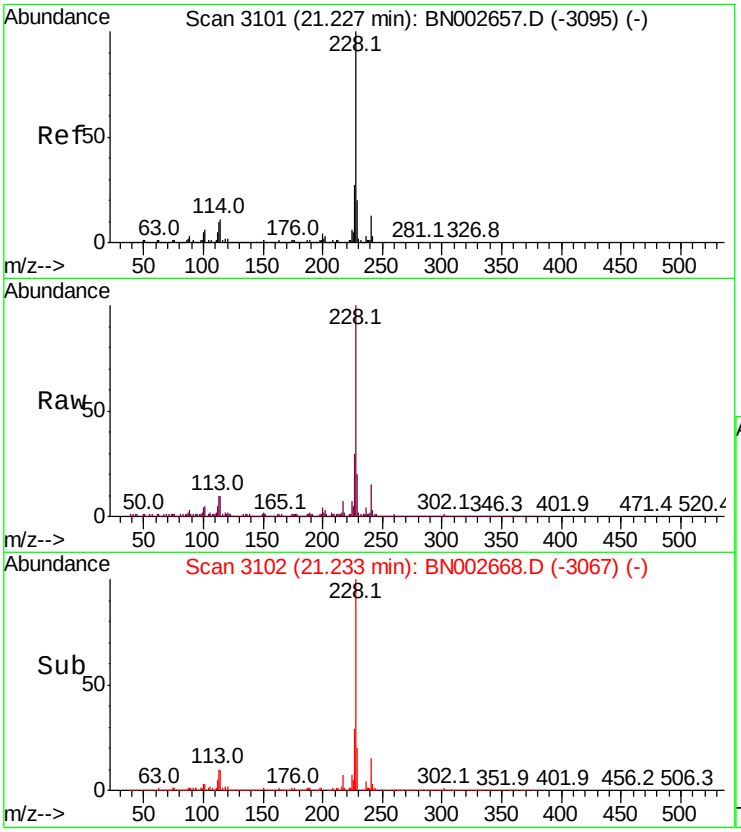


#79
Pyrene
Concen: 63.014 ng/ul
RT: 19.47 min Scan# 2803
Delta R.T. -0.00 min
Lab File: BN002668.D
Acq: 12 Sep 2018 22:59

Tgt Ion:202 Resp: 2248556

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.2	15.2
100	11.3	8.5	12.7



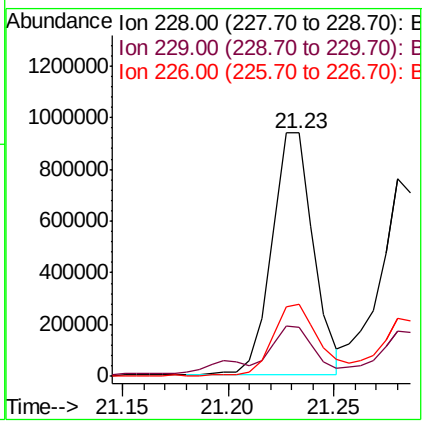


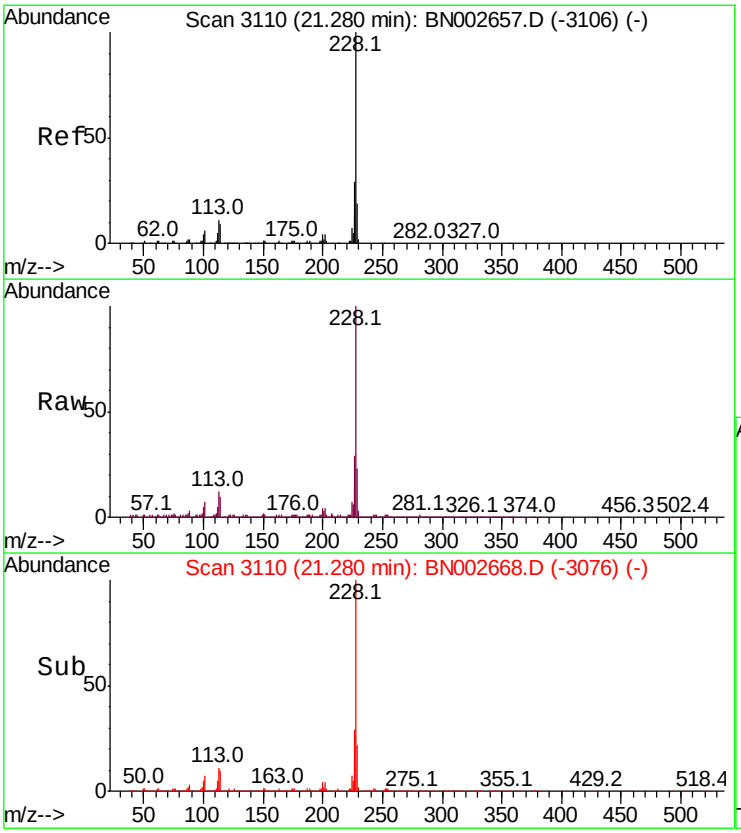
#82
Benzo(a)anthracene
Concen: 35.333 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BN002668.D
Acq: 12 Sep 2018 22:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 1281017

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.7	23.5
226	29.6	21.8	32.6

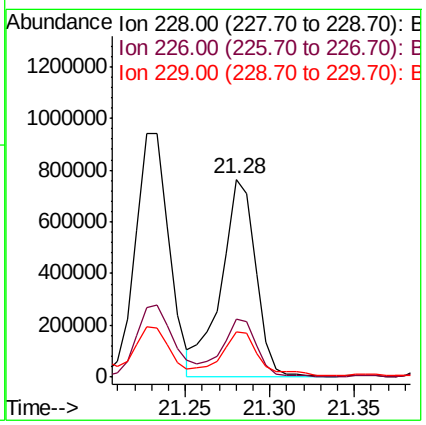


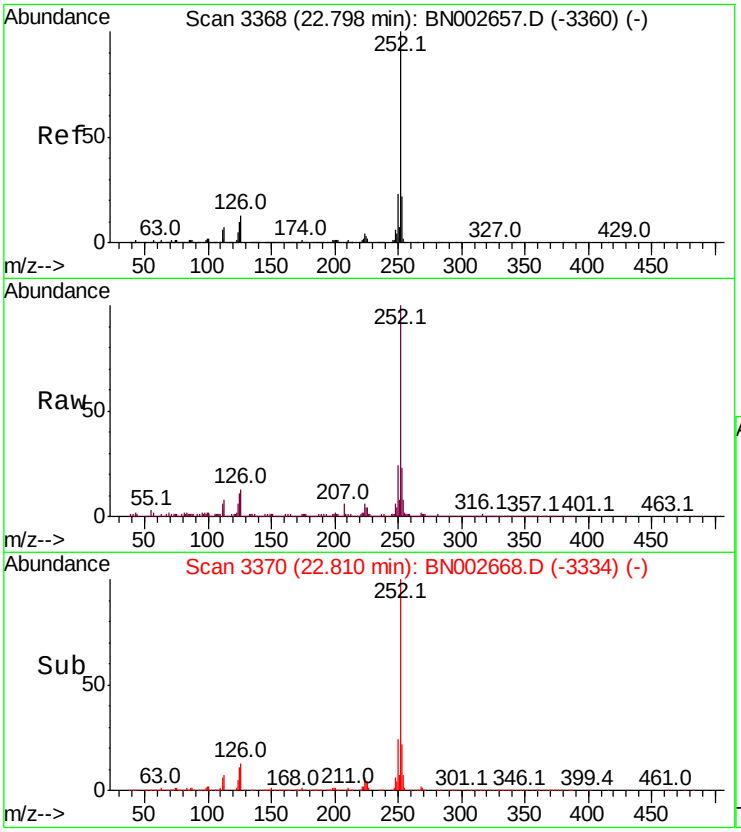


#84
Chrysene
Concen: 31.426 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BN002668.D
Acq: 12 Sep 2018 22:59

Tgt Ion:228 Resp: 1078359

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	22.7	15.6	23.4



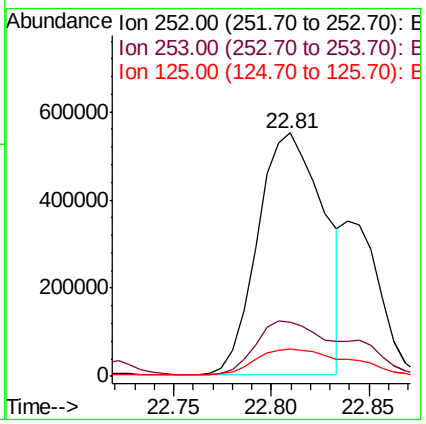


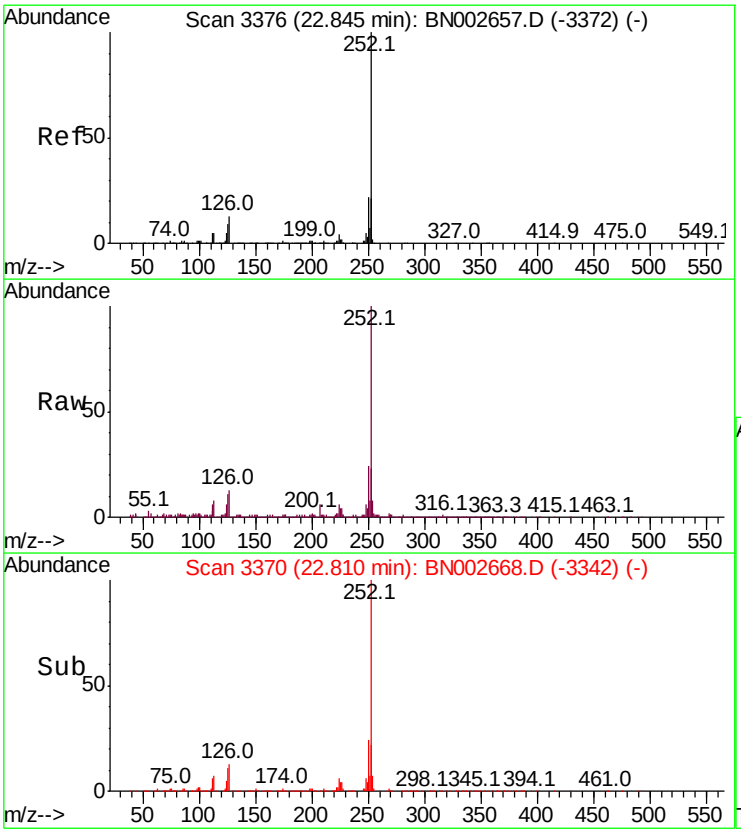
#87
Benzo(b)fluoranthene
Concen: 33.074 ng/ul
RT: 22.81 min Scan# 3370
Delta R.T. 0.01 min
Lab File: BN002668.D
Acq: 12 Sep 2018 22:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1296173

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	11.3	8.5	12.7

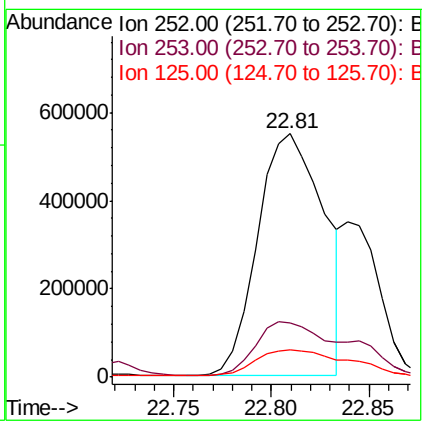


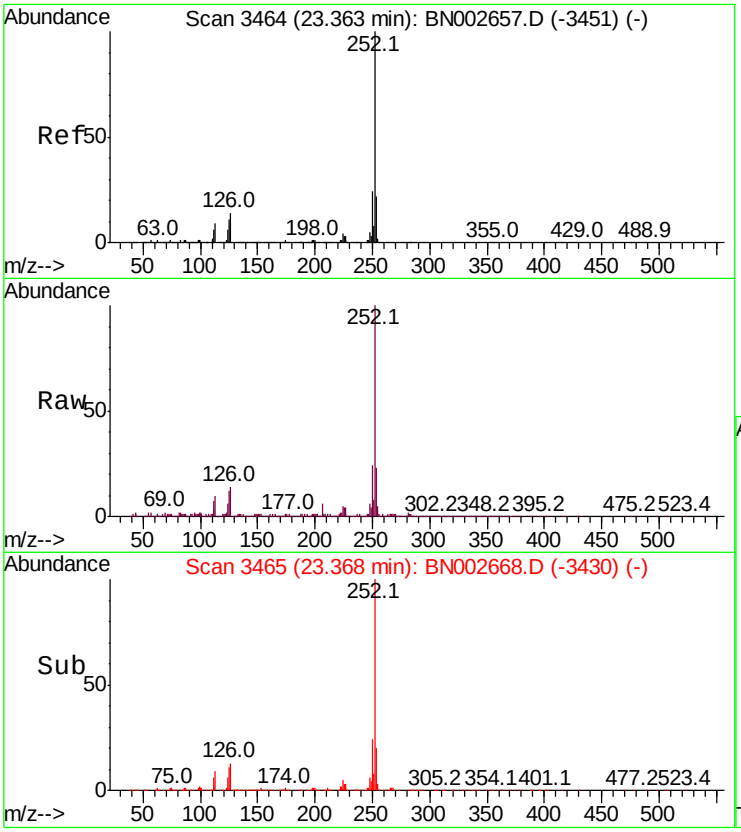


#88
Benzo(k)fluoranthene
Concen: 35.107 ng/ul
RT: 22.81 min Scan# 3370
Delta R.T. -0.04 min
Lab File: BN002668.D
Acq: 12 Sep 2018 22:59

Tgt Ion:252 Resp: 1296173

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	11.3	8.2	12.2



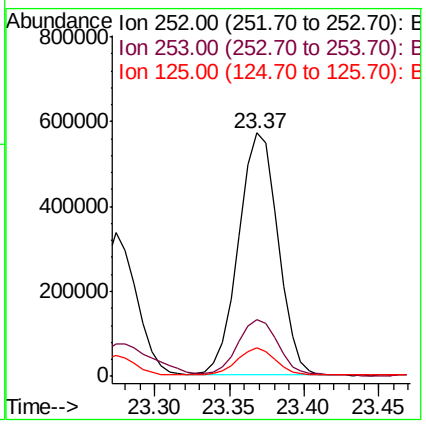


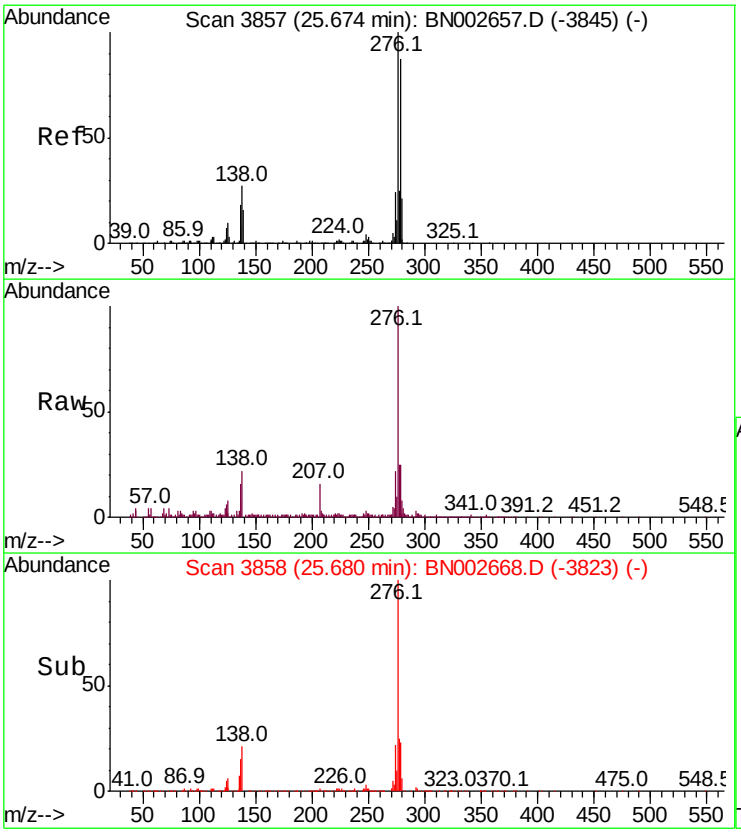
#90
Benzo(a)pyrene
Concen: 28.035 ng/ul
RT: 23.37 min Scan# 3465
Delta R.T. 0.01 min
Lab File: BN002668.D
Acq: 12 Sep 2018 22:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1046607

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	11.6	9.0	13.6

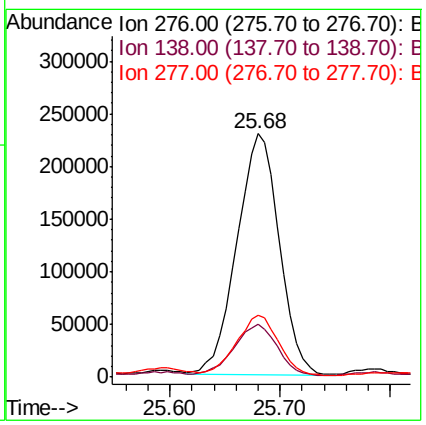


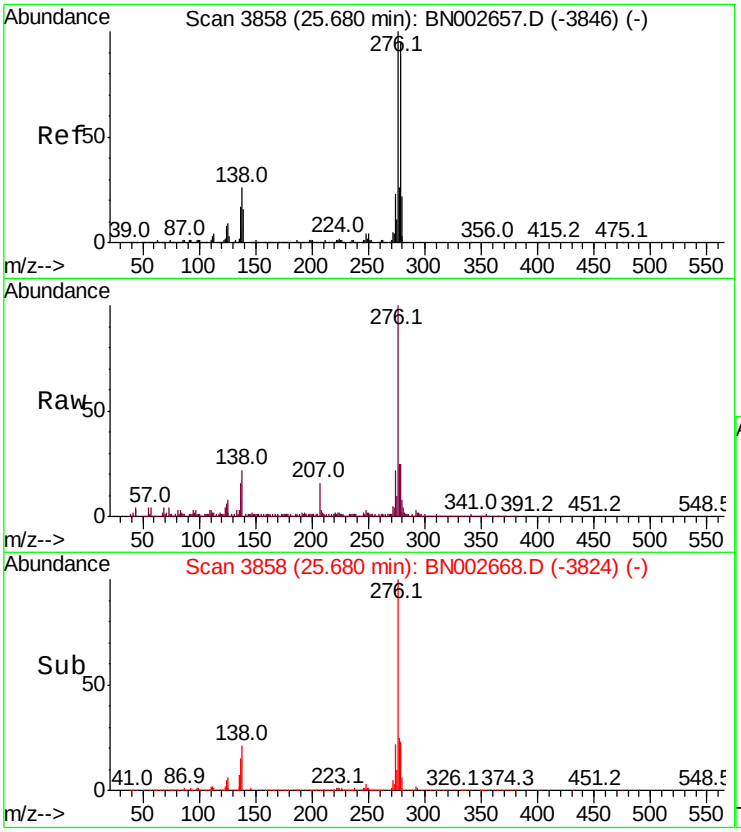


#91
Indeno(1,2,3-cd)pyrene
Concen: 13.863 ng/ul
RT: 25.68 min Scan# 3858
Delta R.T. 0.01 min
Lab File: BN002668.D
Acq: 12 Sep 2018 22:59

Tgt Ion:276 Resp: 615705

Ion	Ratio	Lower	Upper
276	100		
138	21.6	22.3	33.5#
277	25.3	20.2	30.2



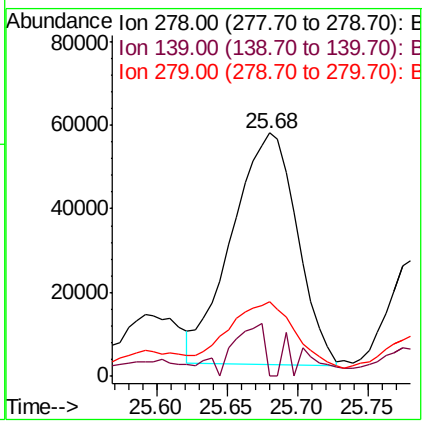


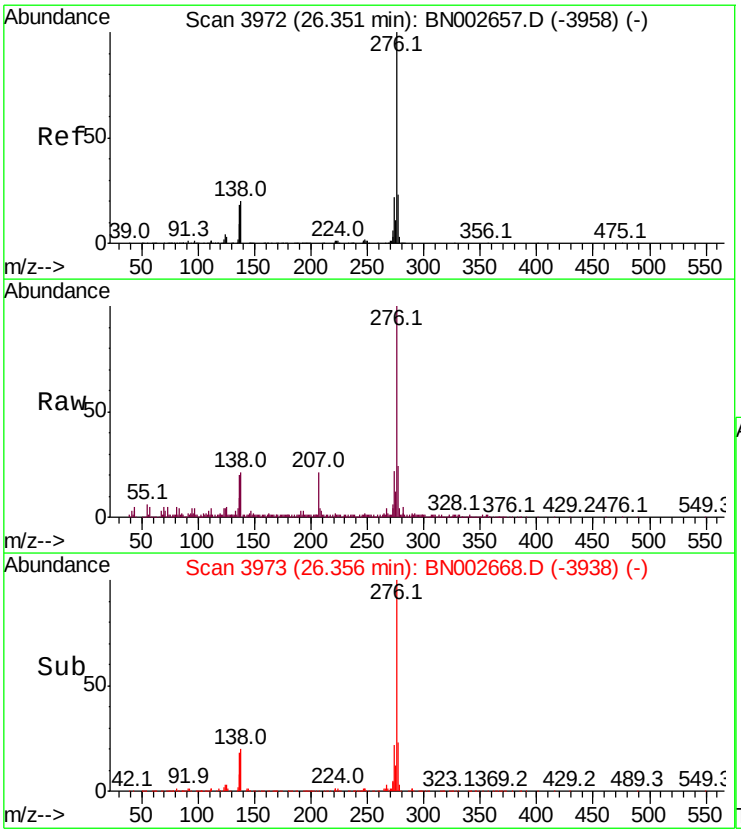
#92
Dibenzo(a,h)anthracene
Concen: 4.809 ng/ul
RT: 25.68 min Scan# 3858
Delta R.T. -0.00 min
Lab File: BN002668.D
Acq: 12 Sep 2018 22:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 178559

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.9	20.9#
279	30.6	19.0	28.4#





#93
Benzo(g,h,i)perylene
Concen: 13.653 ng/ul
RT: 26.36 min Scan# 3973
Delta R.T. 0.01 min
Lab File: BN002668.D
Acq: 12 Sep 2018 22:59

Tgt Ion:276 Resp: 505955

Ion	Ratio	Lower	Upper
276	100		
138	20.9	18.9	28.3
277	24.2	19.2	28.8