Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001988.D
Acq On : 06 Jul 2018 14:04
Operator : JU/SJ
Sample : J3765-04 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jul 06 23:07:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 04 00:59:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	608876	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2778525	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1583739	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3351890	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	2339209	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2164809	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	9489	0.68	ng/uL	0.00
5) Phenol-d5	6.89	99	215908	3.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	147599	4.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	183485	4.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	160710	3.64	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	93242	4.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	98919	4.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	182051	3.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	87230	1.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	584417	4.37	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	730321	4.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	40546	1.65	ng/ul	0.00
57) Fluorene-d10	15.33	176	518472	4.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	54062	2.96	ng/ul	0.00
70) Anthracene-d10	17.18	188	749169	4.63	ng/ul	0.00
76) Pyrene-d10	19.48	212	711832	6.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.38	264	520500	4.42	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.53	128	520900	3.533	ng/ul	99
30) 4-Chloroaniline	10.53	127	69719	1.495	ng/ul#	2
34) 2-Methylnaphthalene	12.15	142	222716	2.082	ng/ul	95
44) Dimethylphthalate	13.80	163	219019	1.666	ng/ul	100
47) Acenaphthylene	14.06	152	930523	5.839	ng/ul	99
49) Acenaphthene	14.40	153	113699	1.028	ng/ul	99
53) Dibenzofuran	14.74	168	427550	2.696	ng/ul	94
58) Fluorene	15.39	166	257190	2.033	ng/ul	98
69) Phenanthrene	17.13	178	2511256	13.300	ng/ul	100
71) Anthracene	17.22	178	8059959	42.170	ng/ul	99
72) Carbazole	17.49	167	4364893	27.263	ng/ul	98
74) Fluoranthene	19.15	202	11373943	57.306	ng/ul#	86
77) Pyrene	19.52	202	11280293	77.058	ng/ul#	83
80) Benzo(a)anthracene	21.27	228	5809766	39.298	ng/ul	95
82) Chrysene	21.32	228	7420282	53.944	ng/ul	97
85) Benzo(b)fluoranthene	22.86	252	10097603	73.852	ng/ul#	94
86) Benzo(k)fluoranthene	22.86	252	10097603	76.159	ng/ul#	94
88) Benzo(a)pyrene	23.43	252	4012294	31.402	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.76	276	3167196	23.296	ng/ul#	90
90) Dibenzo(a,h)anthracene	25.76	278	852212	7.532	ng/ul#	87
91) Benzo(g,h,i)perylene	26.44	276	2172841	19.374	ng/ul#	91

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001988.D
Acq On : 06 Jul 2018 14:04
Operator : JU/SJ
Sample : J3765-04 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 06 23:07:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 04 00:59:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

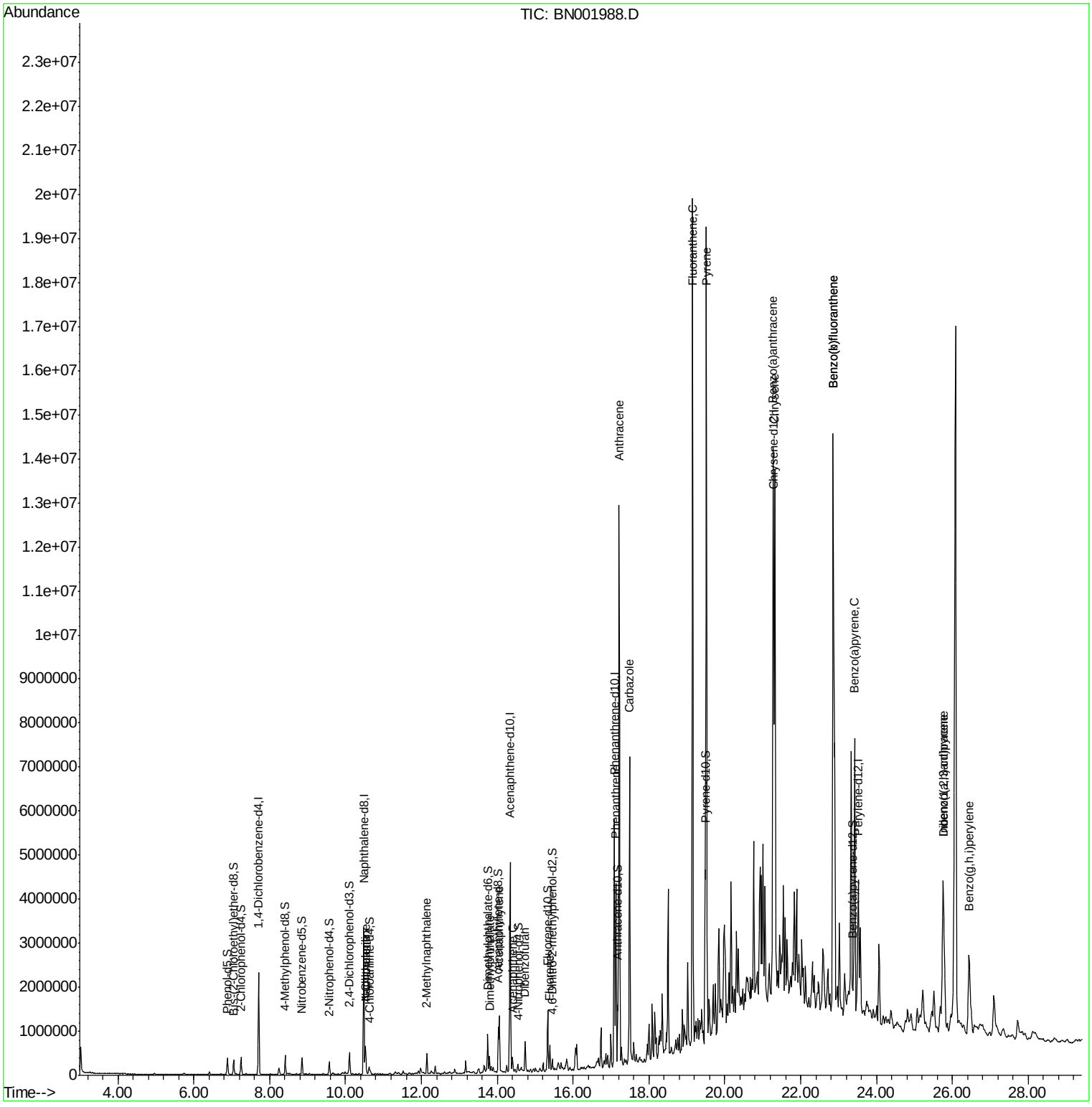
(#) = qualifier out of range (m) = manual integration (+) = signals summed

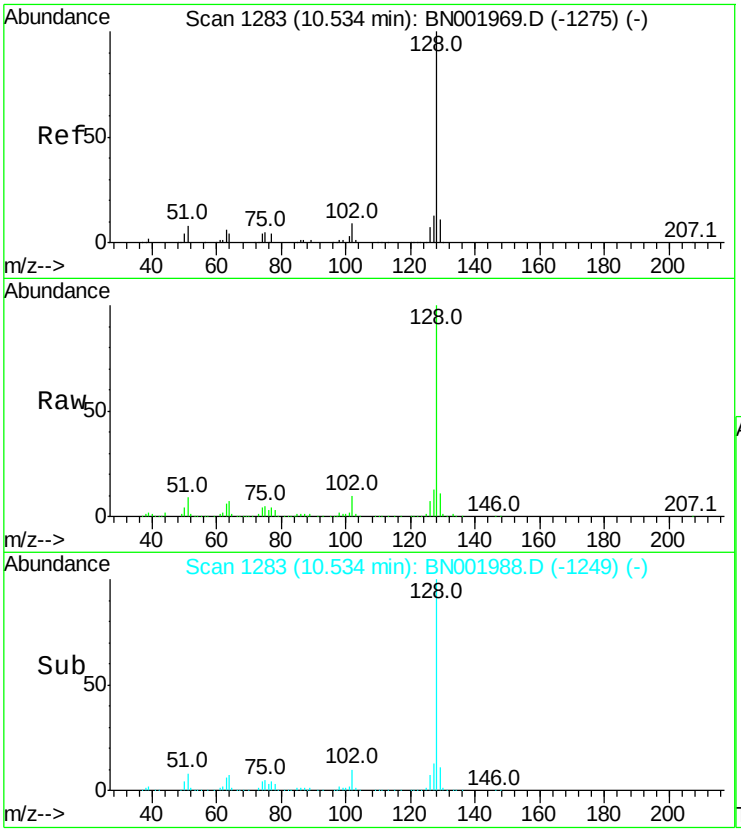
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001988.D
Acq On : 06 Jul 2018 14:04
Operator : JU/SJ
Sample : J3765-04 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 06 23:07:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 04 00:59:54 2018
Response via : Initial Calibration



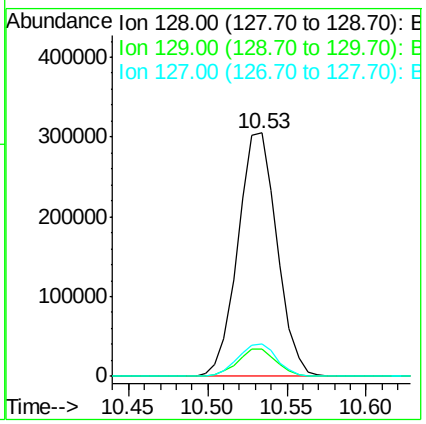


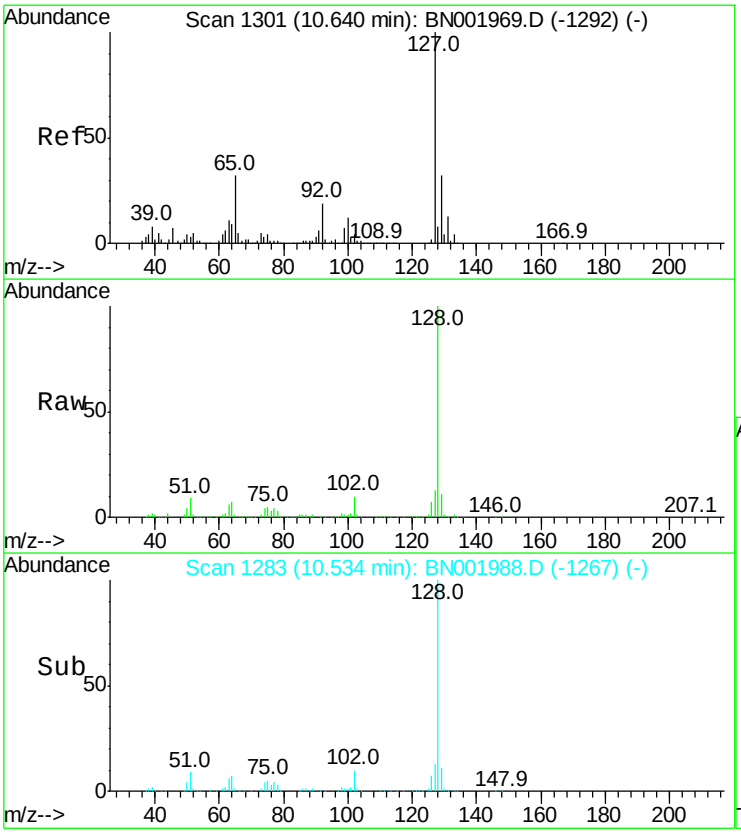
#28
Naphthalene
Concen: 3.533 ng/ul
RT: 10.53 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 520900

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.3	12.5
127	13.2	10.8	16.2

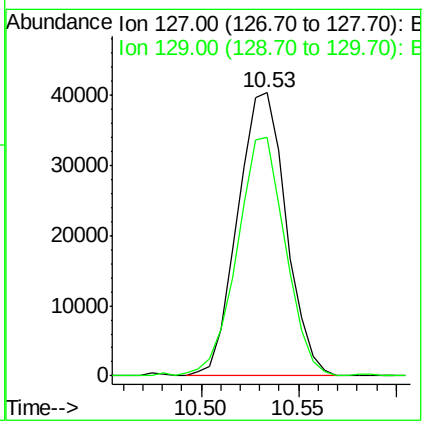


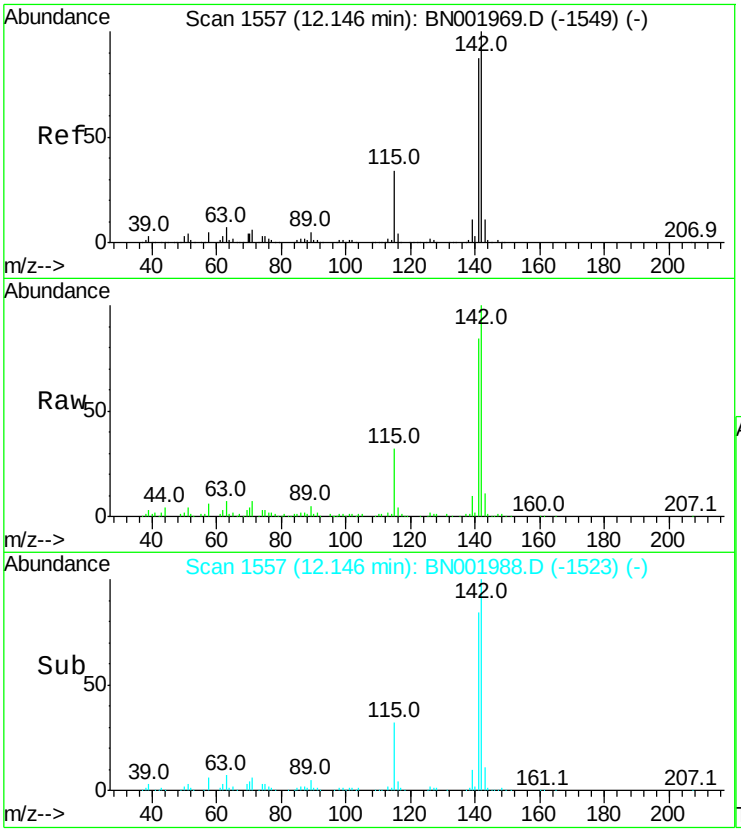


#30
4-Chloroaniline
Concen: 1.495 ng/ul
RT: 10.53 min Scan# 1283
Delta R.T. -0.11 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Tgt Ion:127 Resp: 69719

Ion	Ratio	Lower	Upper
127	100		
129	84.3	24.6	37.0#



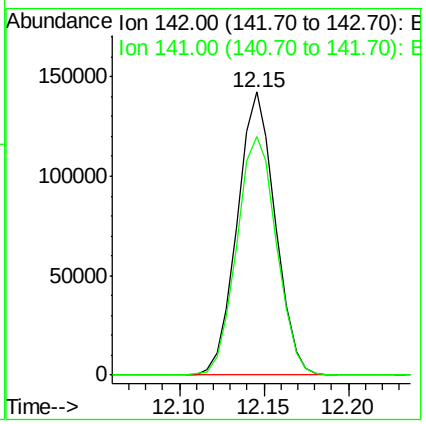


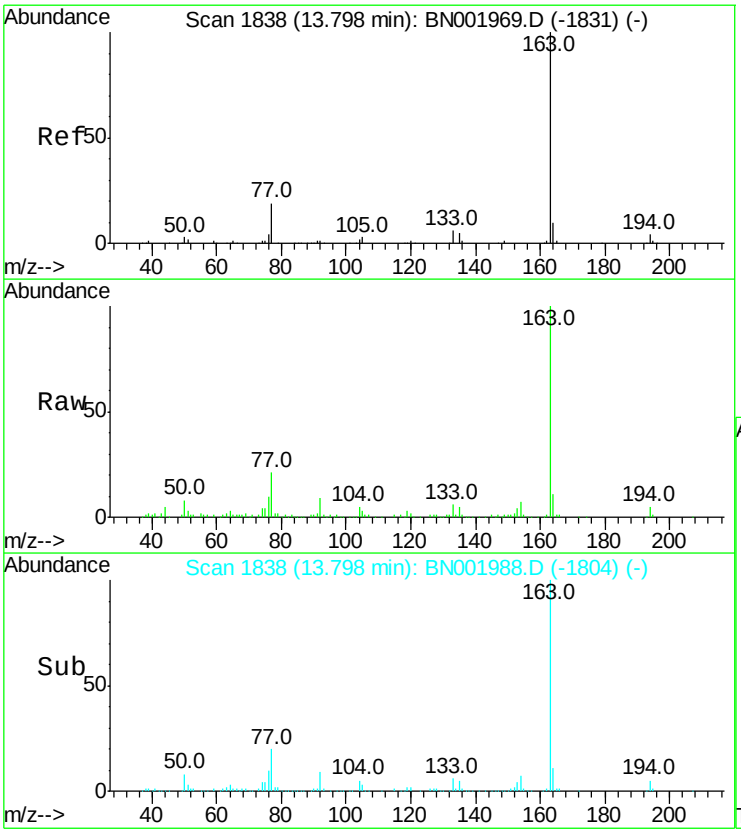
#34
2-Methylnaphthalene
Concen: 2.082 ng/ul
RT: 12.15 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 222716

Ion	Ratio	Lower	Upper
142	100		
141	84.2	71.4	107.2

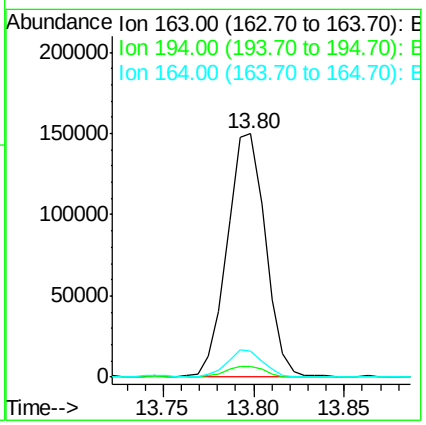


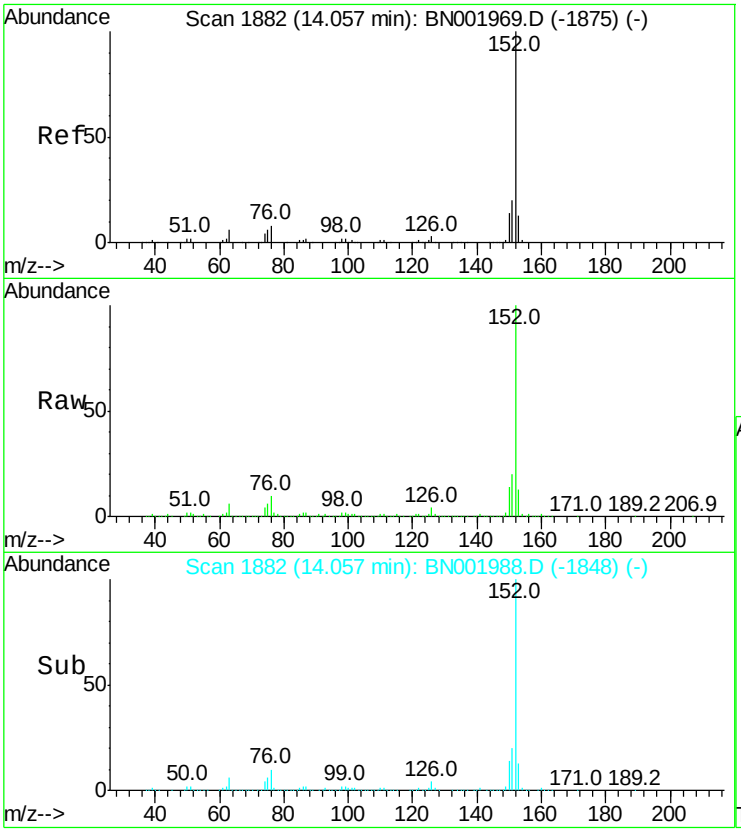


#44
Dimethylphthalate
Concen: 1.666 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Tgt Ion:163 Resp: 219019

Ion	Ratio	Lower	Upper
163	100		
194	4.6	4.0	6.0
164	10.5	8.4	12.6



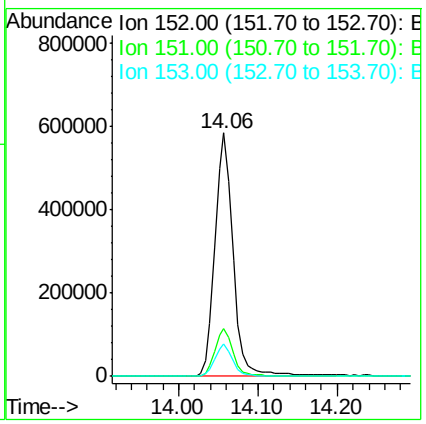


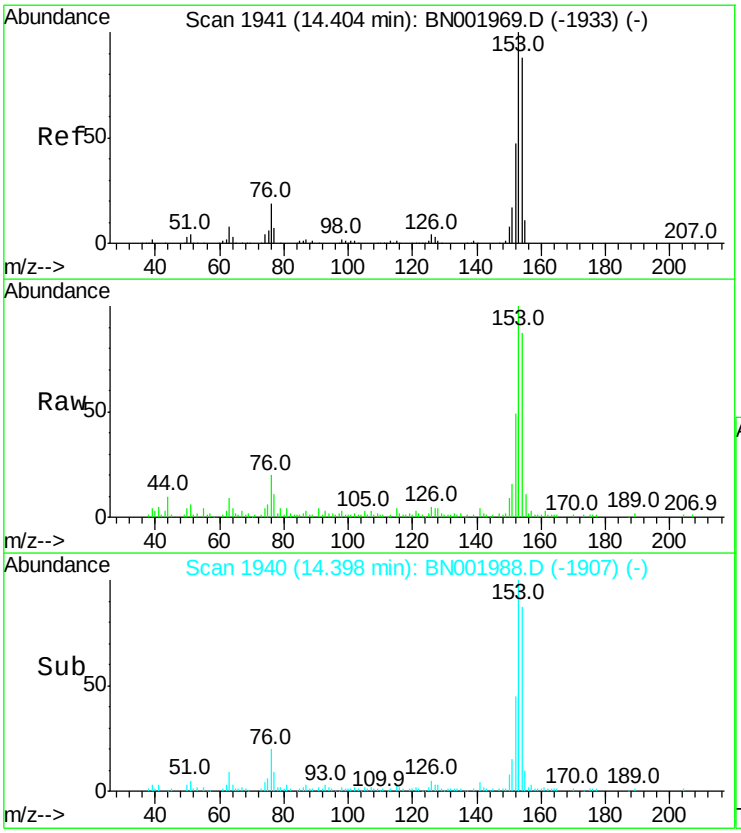
#47
Acenaphthylene
Concen: 5.839 ng/ul
RT: 14.06 min Scan# 1882
Delta R.T. 0.00 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 930523

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1
153	13.2	10.8	16.2

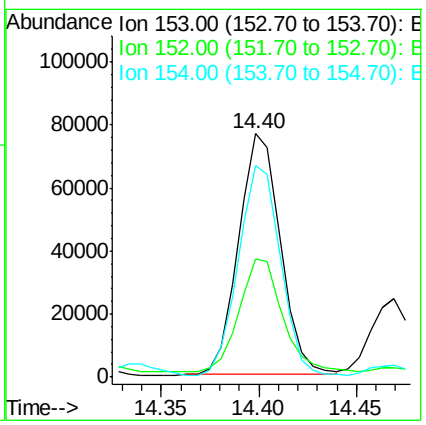


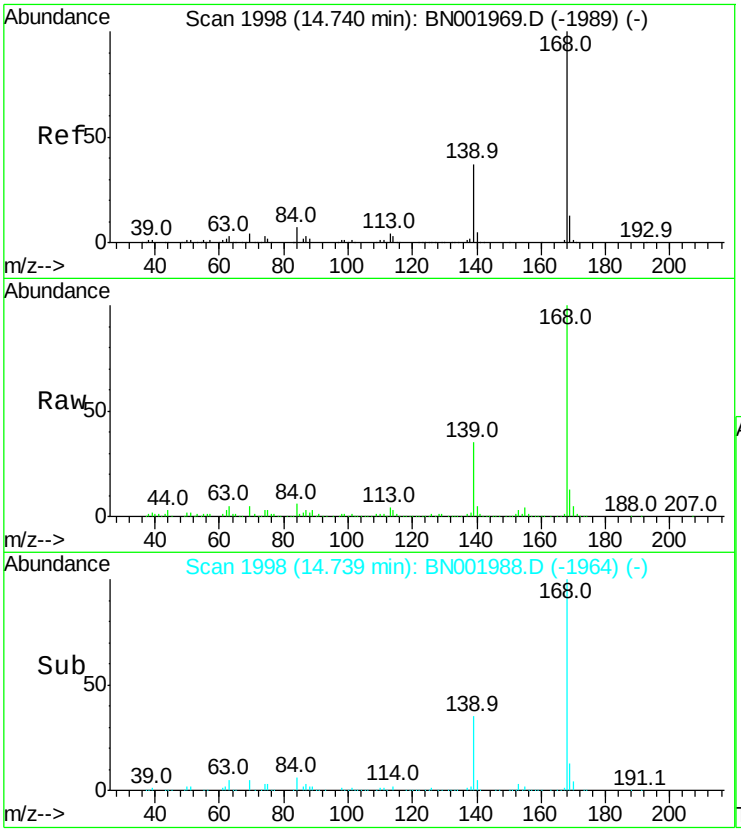


#49
Acenaphthene
Concen: 1.028 ng/ul
RT: 14.40 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Tgt Ion:153 Resp: 113699

Ion	Ratio	Lower	Upper
153	100		
152	48.7	37.9	56.9
154	86.8	69.8	104.6



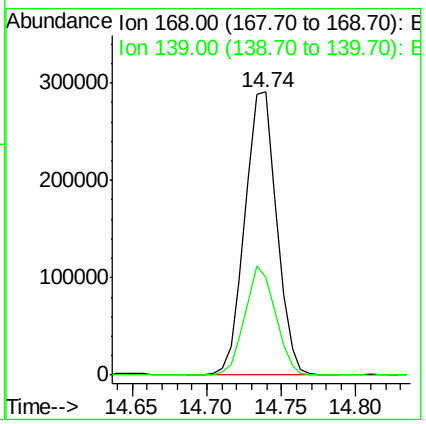


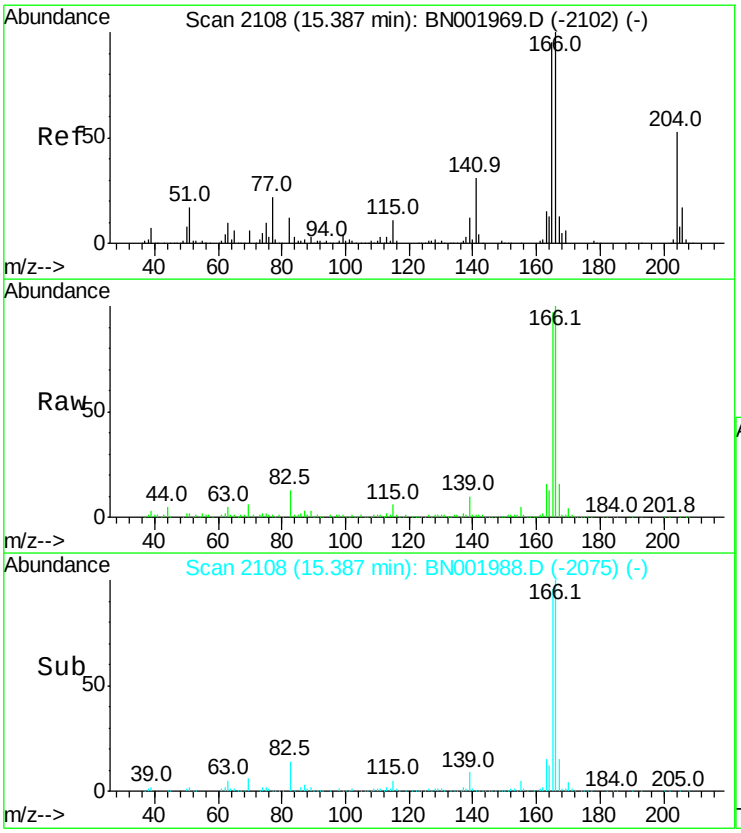
#53
Dibenzofuran
Concen: 2.696 ng/ul
RT: 14.74 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:168 Resp: 427550

Ion	Ratio	Lower	Upper
168	100		
139	34.8	31.0	46.4

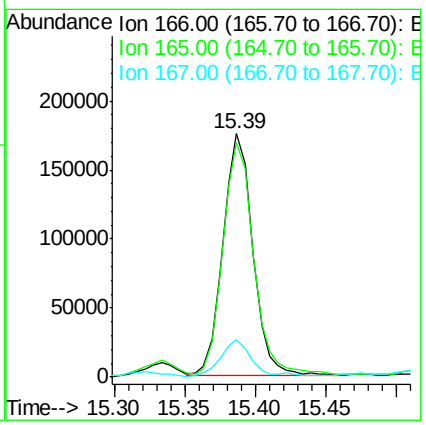


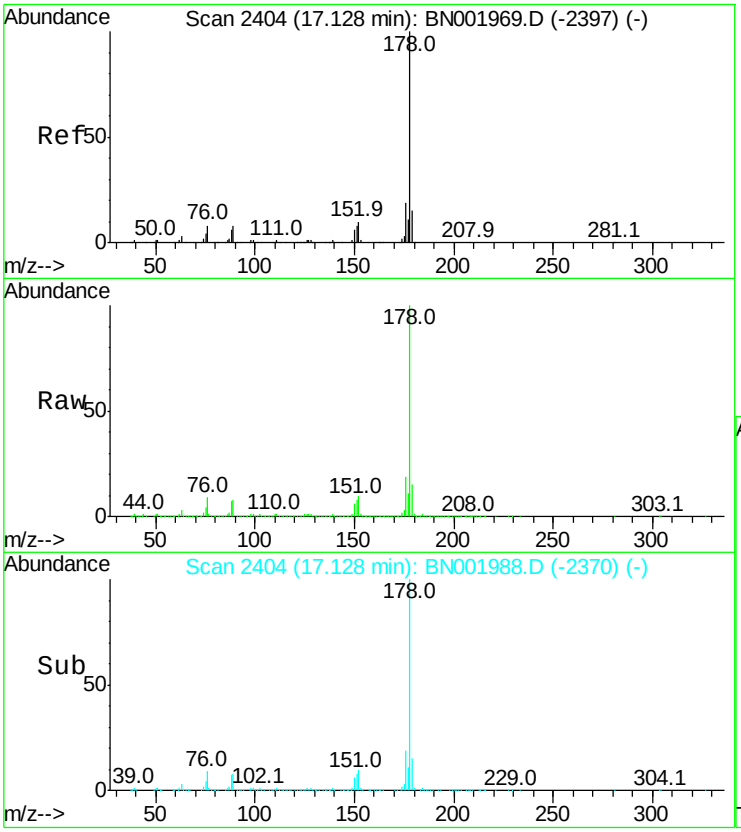


#58
Fluorene
Concen: 2.033 ng/ul
RT: 15.39 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Tgt Ion:166 Resp: 257190

Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.4	117.6
167	15.5	11.1	16.7



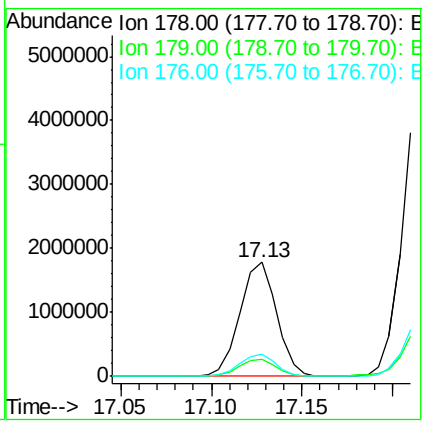


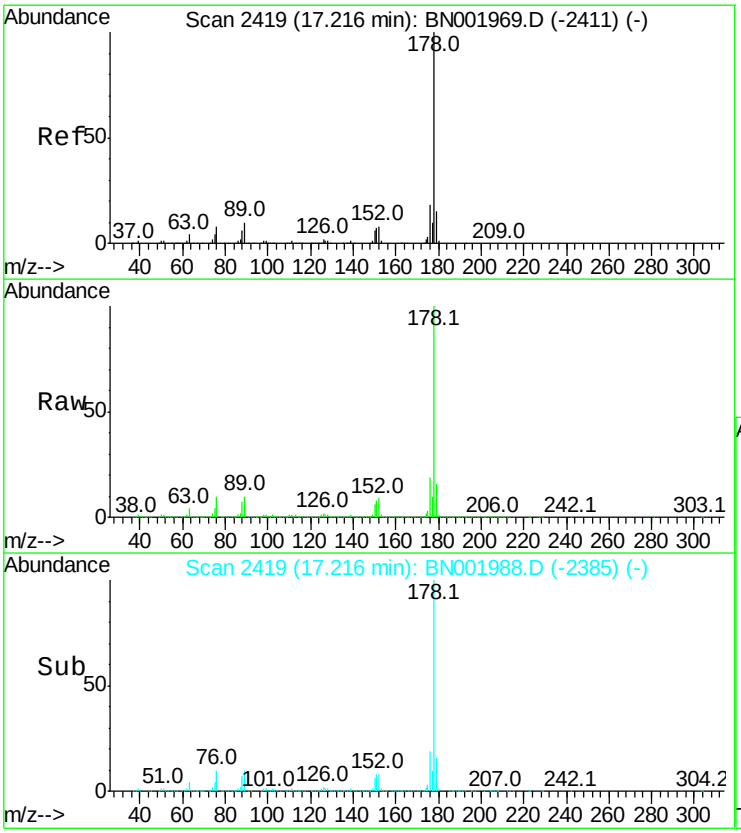
#69
Phenanthrene
Concen: 13.300 ng/ul
RT: 17.13 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 2511256

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.0	15.4	23.0

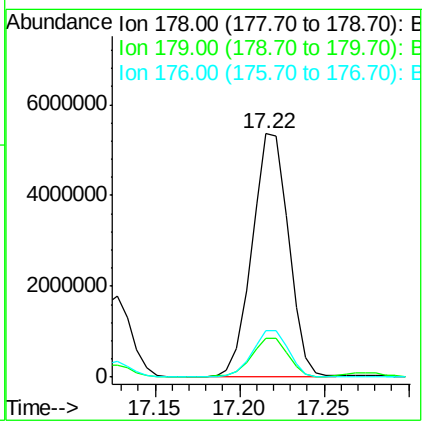


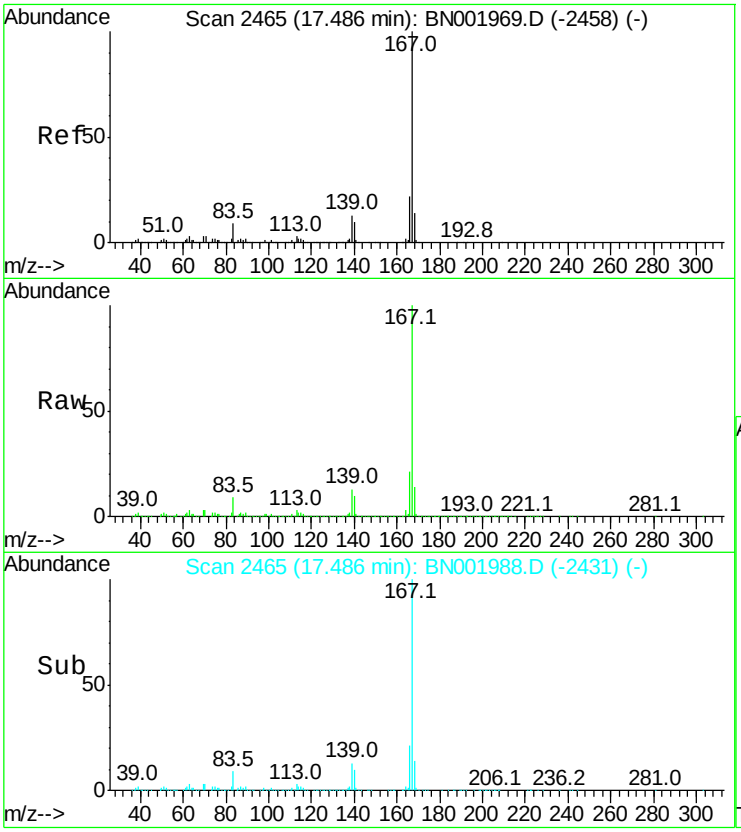


#71
Anthracene
Concen: 42.170 ng/ul
RT: 17.22 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Tgt Ion:178 Resp: 8059959

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.4	20.2
176	19.2	15.4	23.0



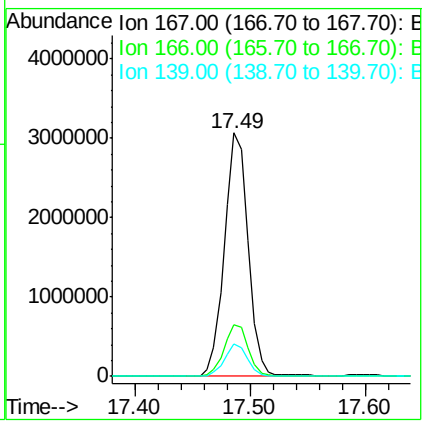


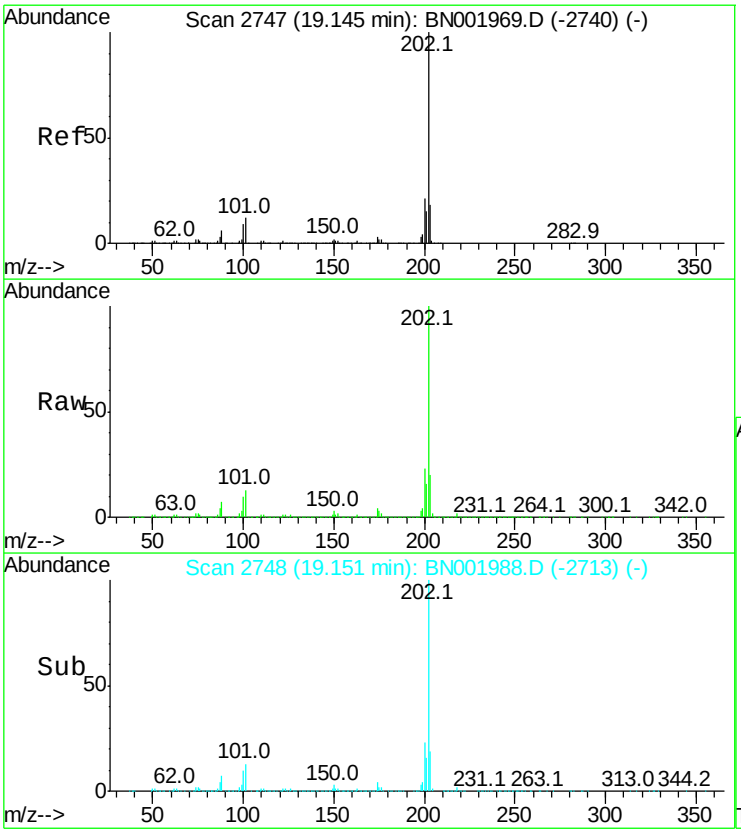
#72
Carbazole
Concen: 27.263 ng/ul
RT: 17.49 min Scan# 2465
Delta R.T. 0.00 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:167 Resp: 4364893

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.4
139	13.1	9.1	13.7

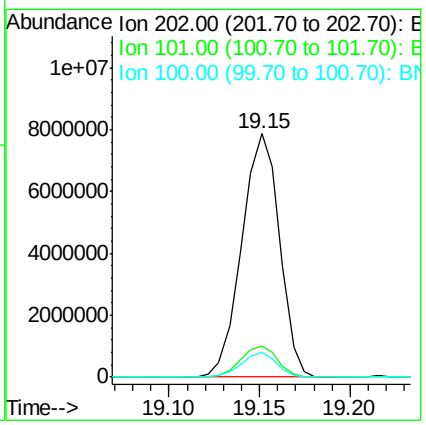


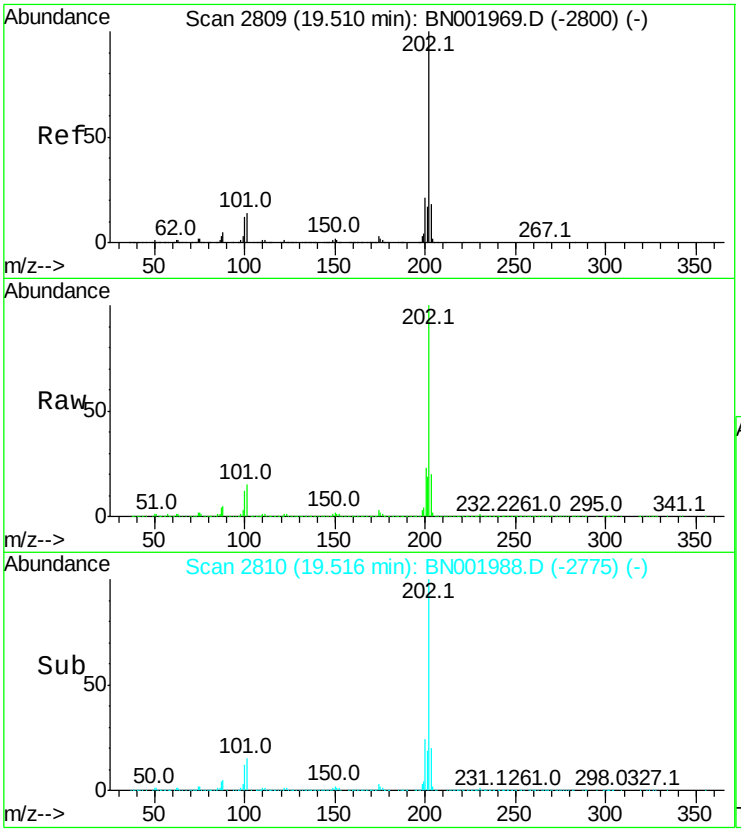


#74
Fluoranthene
Concen: 57.306 ng/ul
RT: 19.15 min Scan# 2748
Delta R.T. 0.01 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Tgt Ion:202 Resp:11373943

Ion	Ratio	Lower	Upper
202	100		
101	13.1	6.1	9.1#
100	10.0	4.6	7.0#



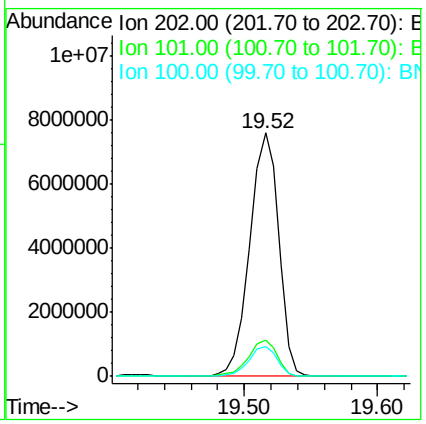


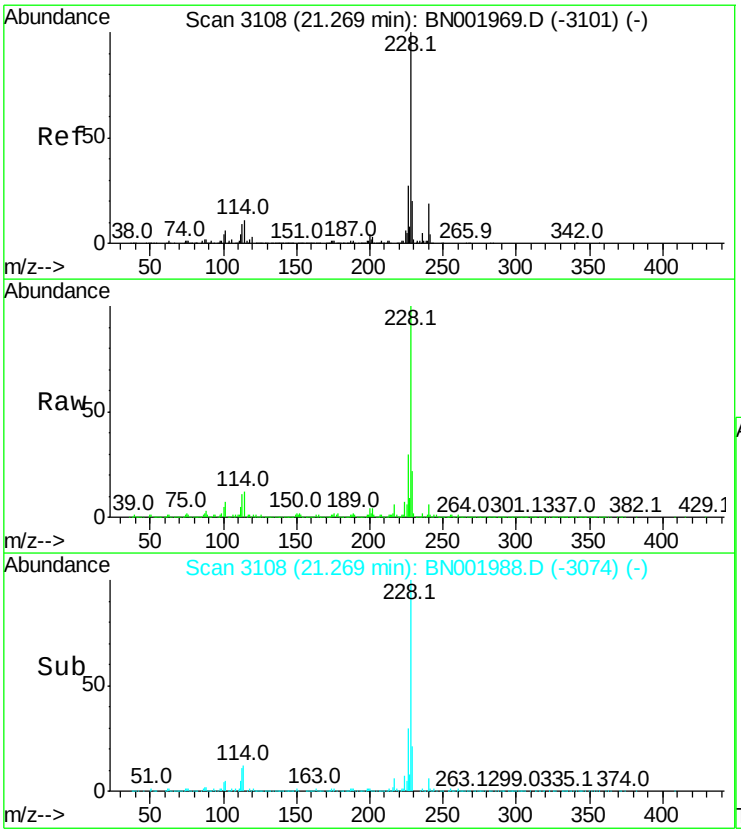
#77
Pyrene
Concen: 77.058 ng/ul
RT: 19.52 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp:11280293

Ion	Ratio	Lower	Upper
202	100		
101	15.0	6.9	10.3#
100	12.4	5.6	8.4#

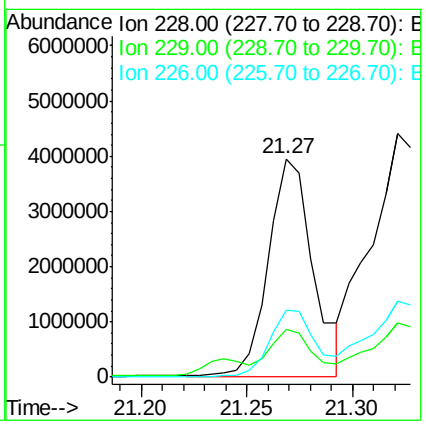


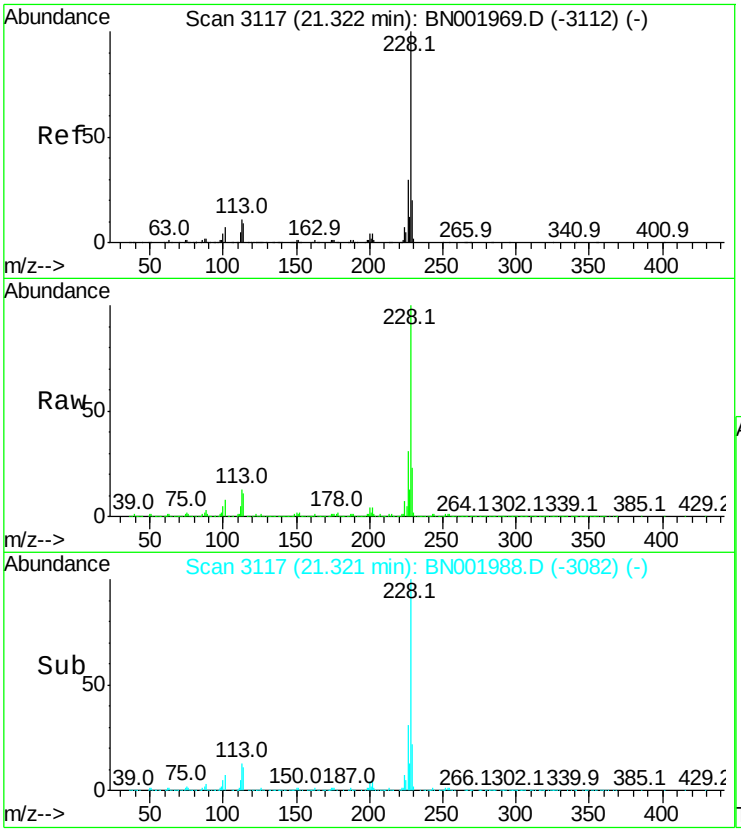


#80
Benzo(a)anthracene
Concen: 39.298 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Tgt Ion:228 Resp: 5809766

Ion	Ratio	Lower	Upper
228	100		
229	22.0	16.0	24.0
226	30.5	21.8	32.8



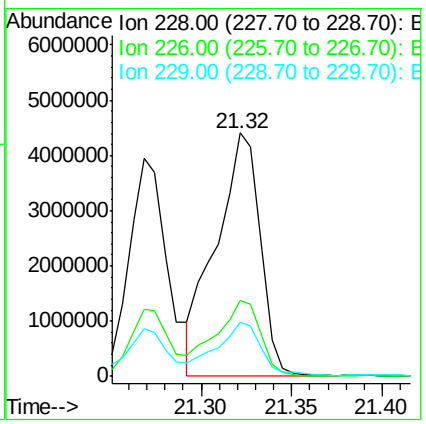


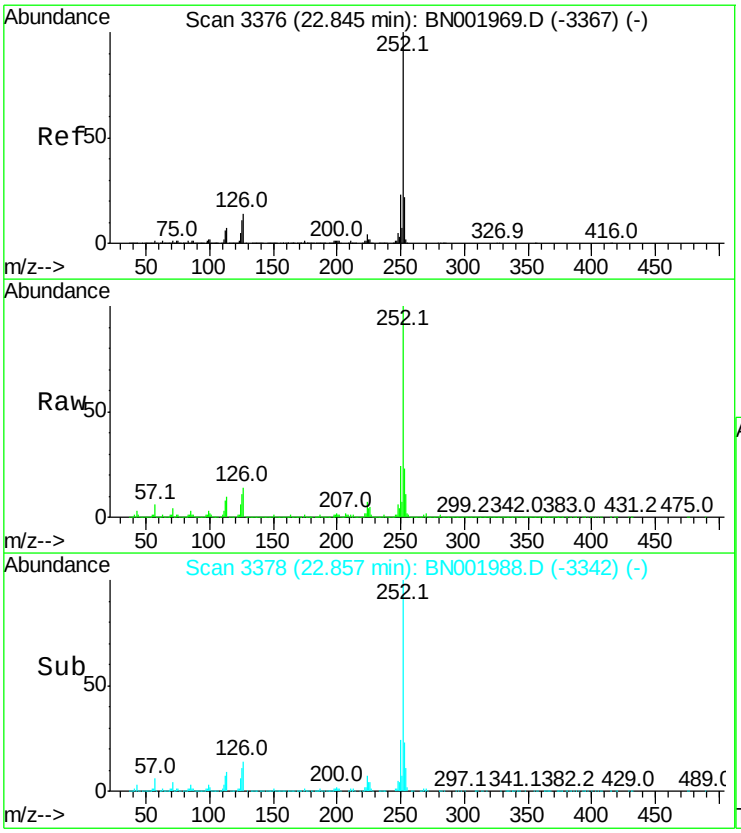
#82
Chrysene
Concen: 53.944 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. 0.01 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 7420282

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.1	36.1
229	22.5	16.0	24.0

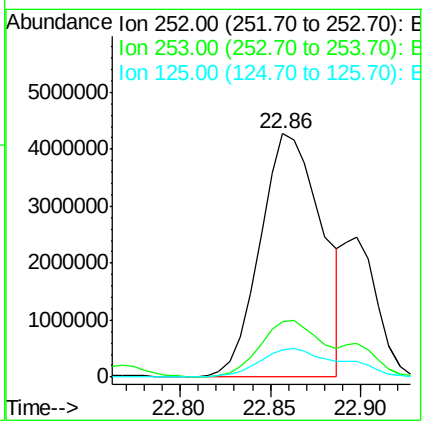


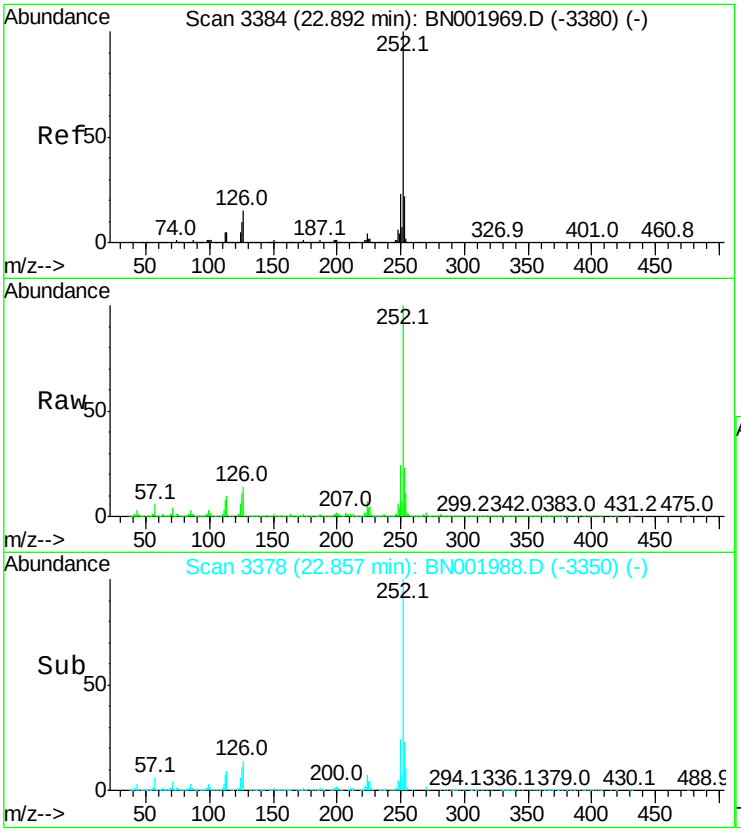


#85
Benzo(b)fluoranthene
Concen: 73.852 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. 0.01 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Tgt Ion:252 Resp:10097603

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	11.5	4.9	7.3#



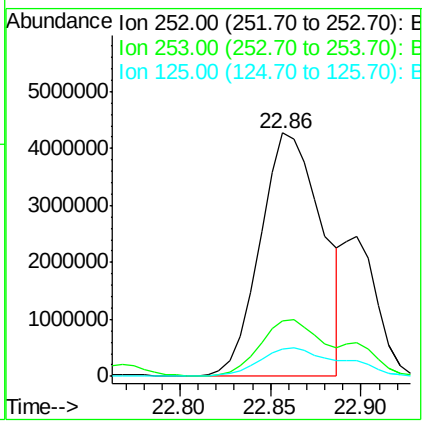


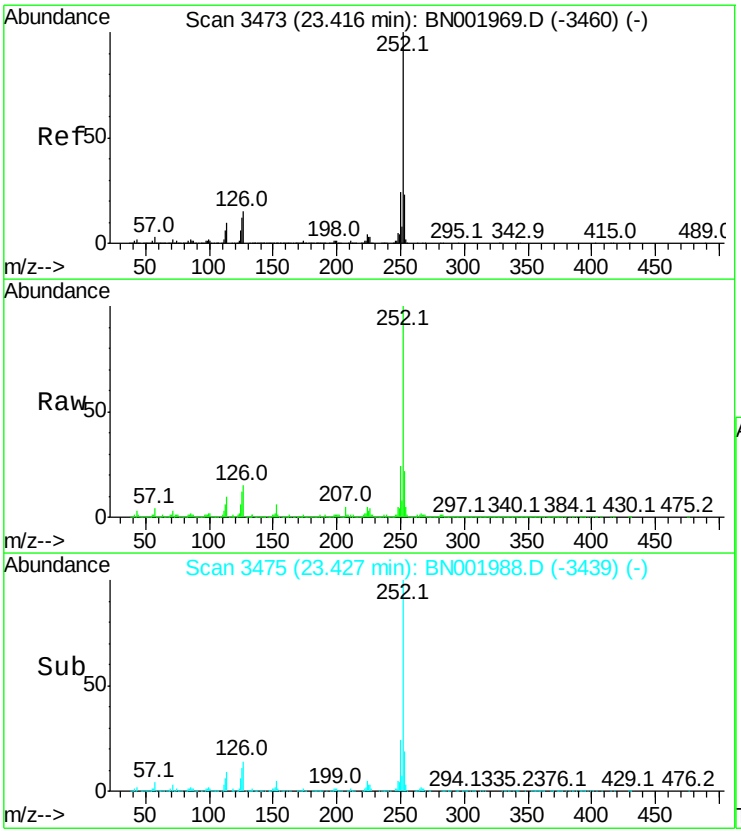
#86
Benzo(k)fluoranthene
Concen: 76.159 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. -0.04 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp:10097603

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	11.5	5.4	8.0#

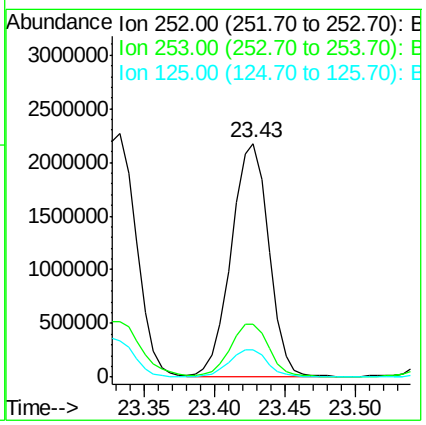


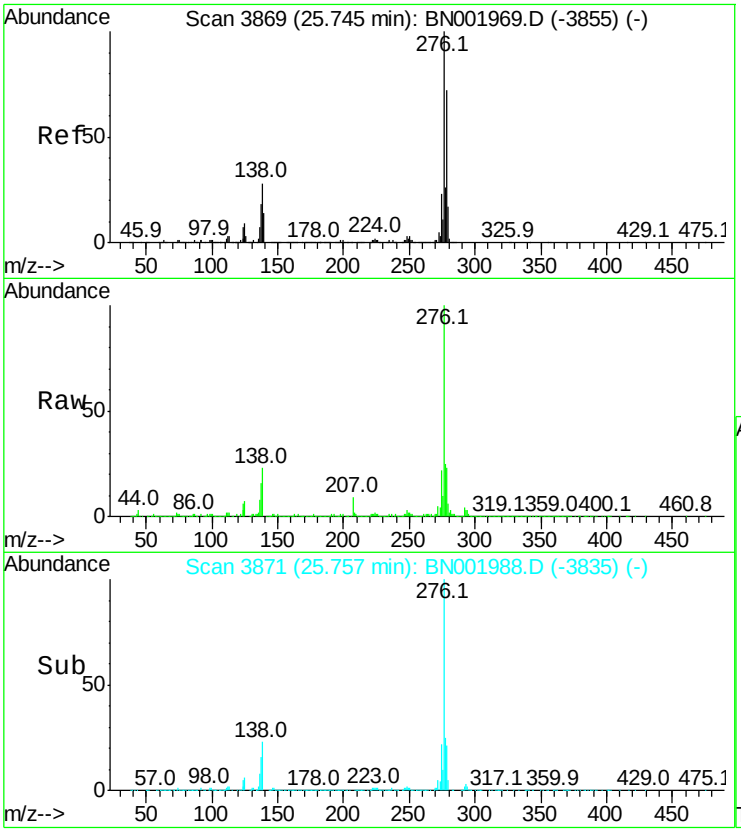


#88
Benzo(a)pyrene
Concen: 31.402 ng/ul
RT: 23.43 min Scan# 3475
Delta R.T. 0.01 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Tgt Ion:252 Resp: 4012294

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	11.6	5.8	8.6#



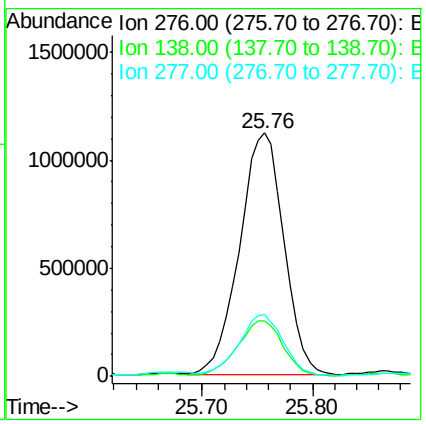


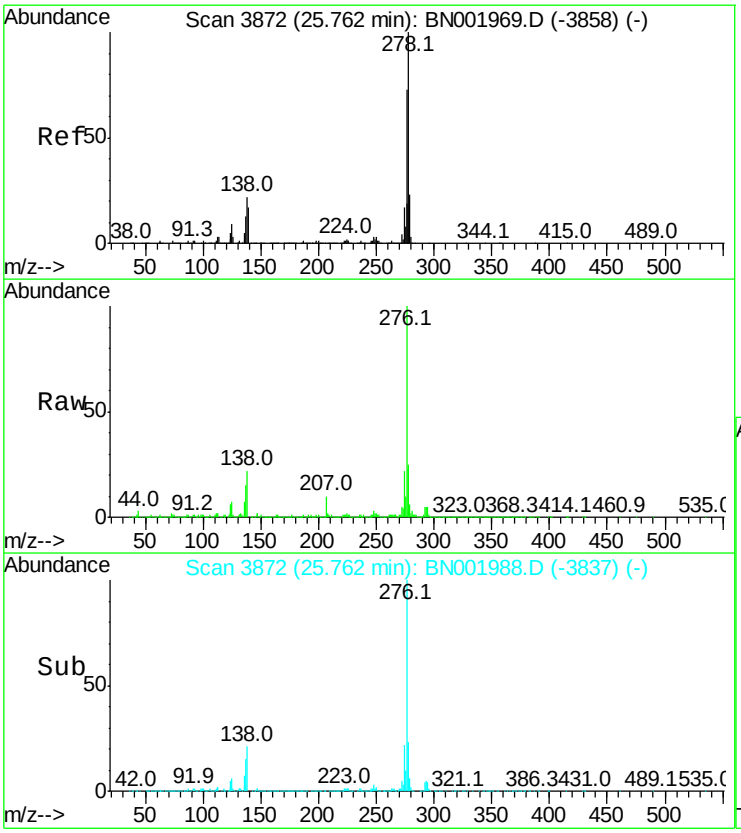
#89
Indeno(1,2,3-cd)pyrene
Concen: 23.296 ng/ul
RT: 25.76 min Scan# 3871
Delta R.T. 0.01 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 3167196

Ion	Ratio	Lower	Upper
276	100		
138	22.6	10.9	16.3#
277	25.2	18.9	28.3

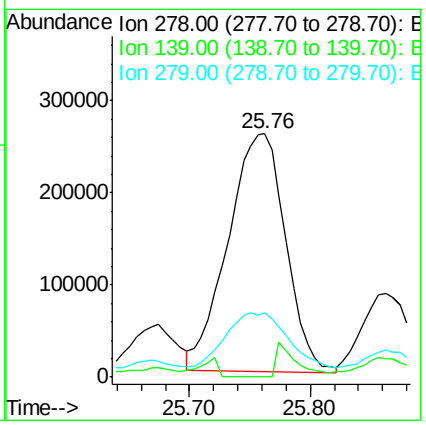


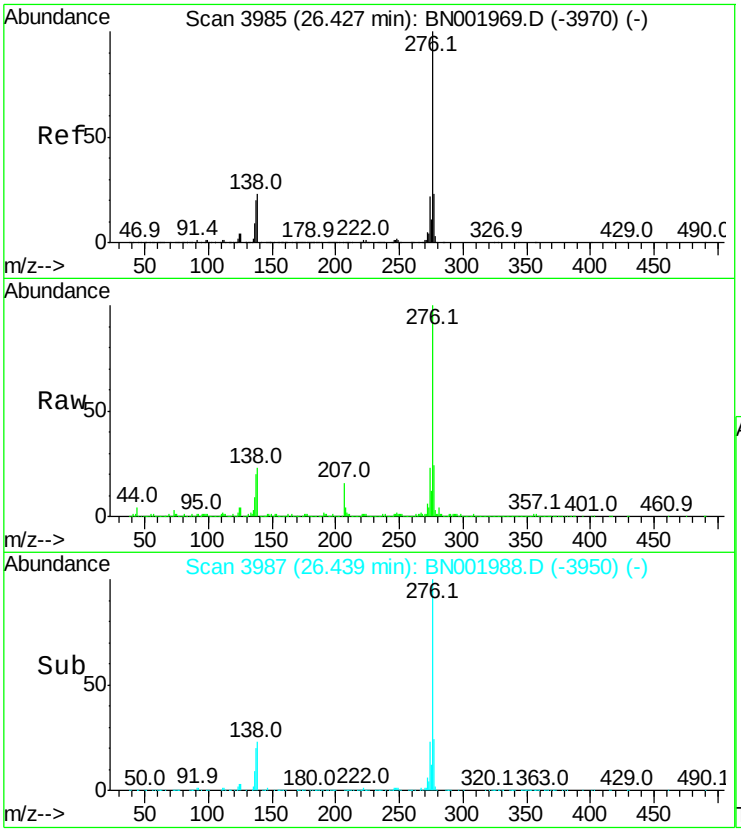


#90
Dibenzo(a,h)anthracene
Concen: 7.532 ng/ul
RT: 25.76 min Scan# 3872
Delta R.T. 0.01 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Tgt Ion:278 Resp: 852212

Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.0	13.4#
279	26.4	19.1	28.7





#91
Benzo(g,h,i)perylene
Concen: 19.374 ng/ul
RT: 26.44 min Scan# 3987
Delta R.T. 0.02 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 2172841

Ion	Ratio	Lower	Upper
276	100		
138	23.3	11.2	16.8#
277	24.4	19.0	28.6