Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070318\
Data File : BN001953.D
Acq On : 03 Jul 2018 20:49
Operator : JU/SJ
Sample : J3721-15 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jul 04 01:04:23 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	718519	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	3214222	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1765345	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	3470322	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	2139112	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2268714	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	12841	0.78	ng/uL	0.00
5) Phenol-d5	6.88	99	378458	5.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	222479	5.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	289049	5.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	310952	5.97	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	146259	6.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	160248	6.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	317447	6.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	313094	5.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	972013	6.52	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1227438	6.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	118740	4.32	ng/ul	0.00
57) Fluorene-d10	15.33	176	843431	6.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	90266	4.78	ng/ul	0.00
70) Anthracene-d10	17.18	188	1170418	6.98	ng/ul	0.00
76) Pyrene-d10	19.49	212	984694	9.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.38	264	811504	6.58	ng/ul	0.01
Target Compounds						Qvalue
44) Dimethylphthalate	13.80	163	537780	3.670	ng/ul	99
47) Acenaphthylene	14.06	152	984892	5.544	ng/ul	99
69) Phenanthrene	17.13	178	502356	2.570	ng/ul	99
71) Anthracene	17.22	178	1166810	5.897	ng/ul	97
72) Carbazole	17.49	167	294019	1.774	ng/ul	97
74) Fluoranthene	19.15	202	10199944	49.638	ng/ul#	87
77) Pyrene	19.52	202	13649353	101.964	ng/ul#	75
80) Benzo(a)anthracene	21.27	228	7535581	55.740	ng/ul	94
82) Chrysene	21.32	228	7857354	62.465	ng/ul	97
85) Benzo(b)fluoranthene	22.87	252	15762585	110.004	ng/ul#	92
86) Benzo(k)fluoranthene	22.87	252	15762585	113.440	ng/ul#	92
88) Benzo(a)pyrene	23.43	252	7748570	57.867	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.76	276	6401835	44.931	ng/ul#	90
90) Dibenzo(a,h)anthracene	25.76	278	1700107	14.337	ng/ul#	88
91) Benzo(g,h,i)perylene	26.45	276	5408457	46.016	ng/ul#	90

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

Quantitation Report (Not Reviewed)

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Acq On : 03 Jul 2018 20:49
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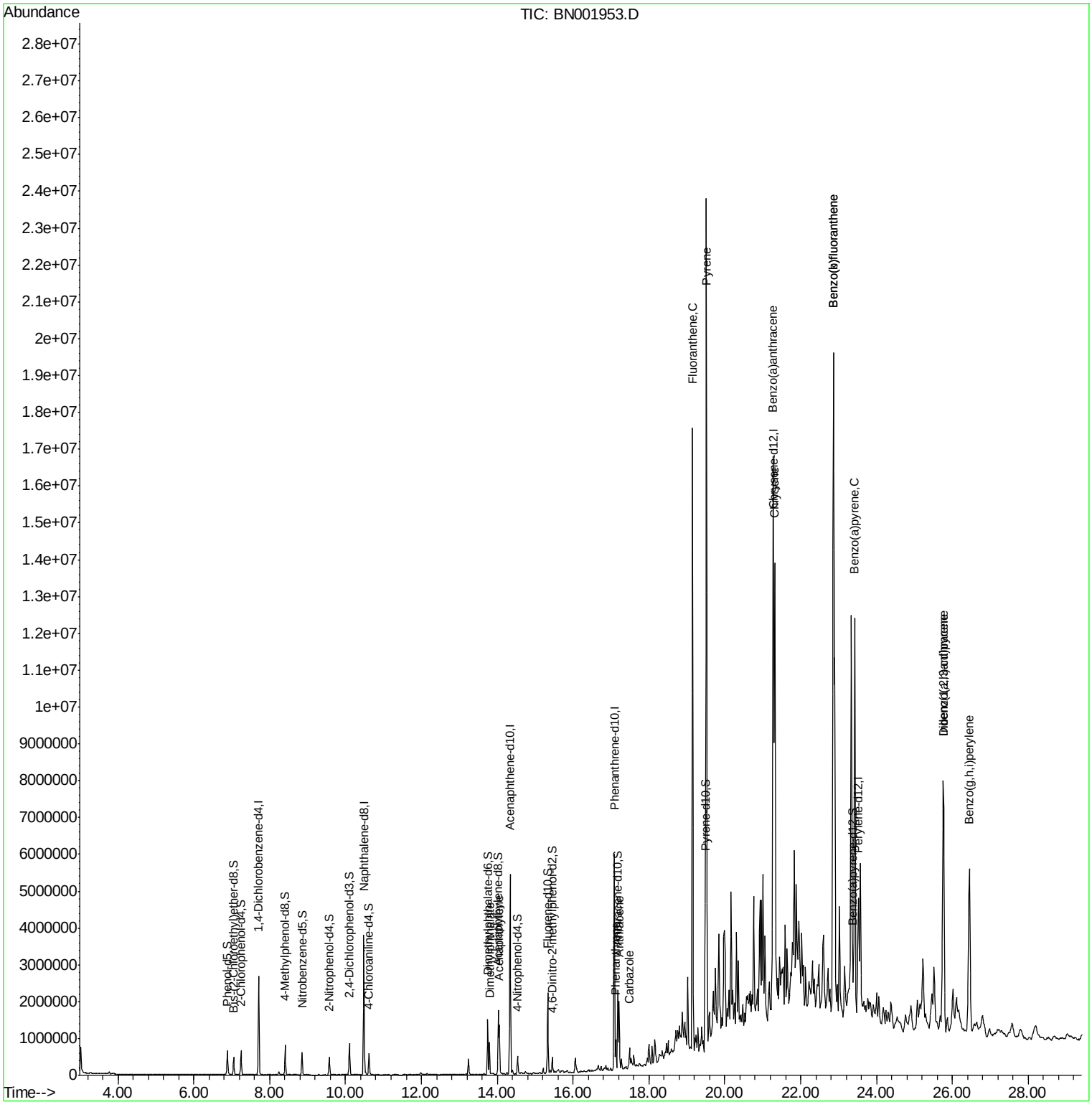
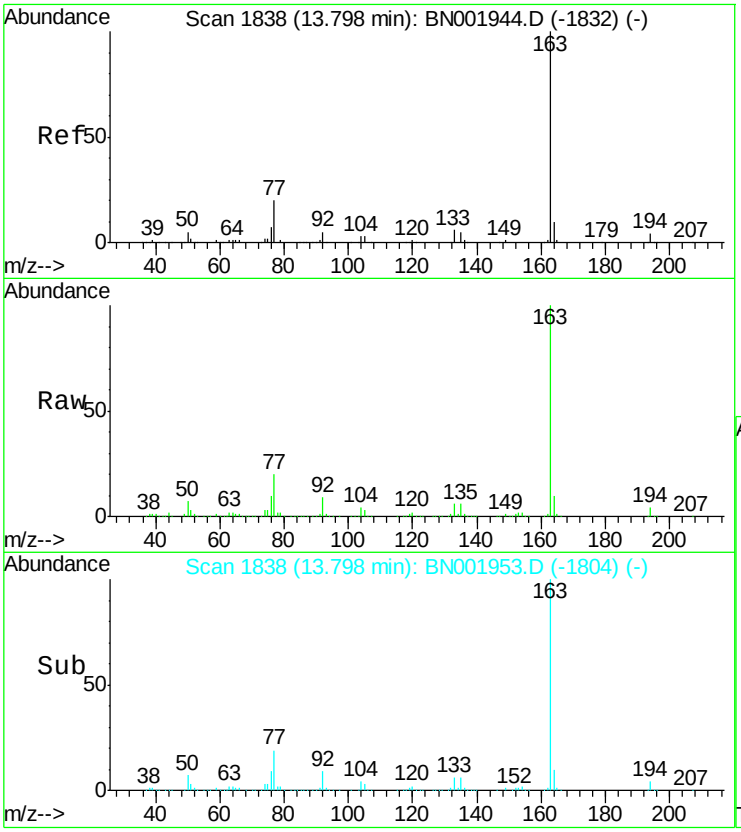
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 04 01:04:23 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



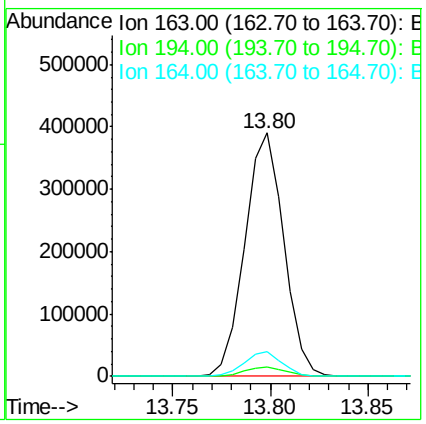


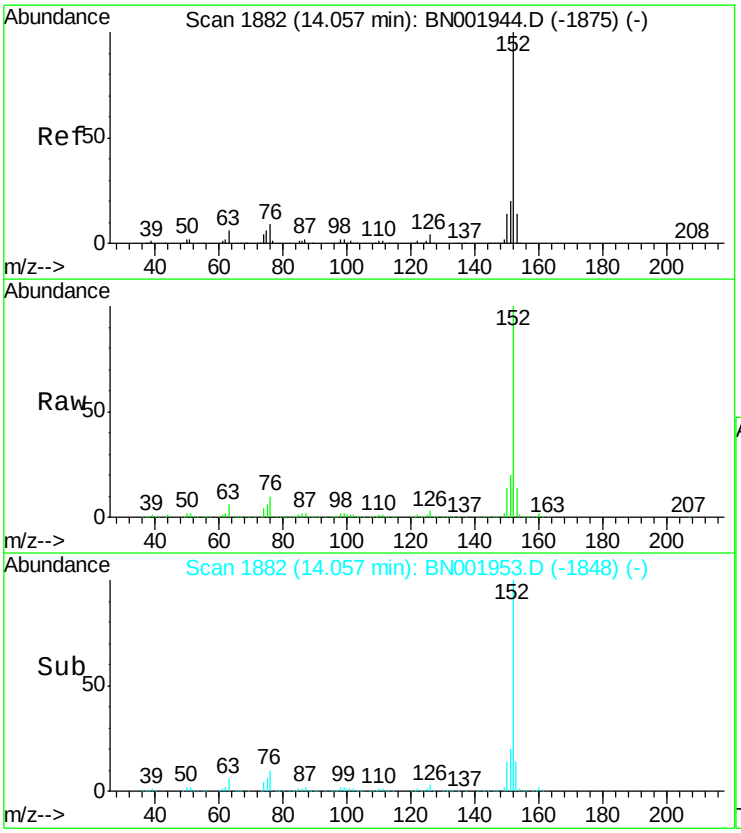
#44
Dimethylphthalate
Concen: 3.670 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BN001953.D
Acq: 03 Jul 2018 20:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:163 Resp: 537780

Ion	Ratio	Lower	Upper
163	100		
194	4.0	4.0	6.0
164	10.3	8.4	12.6

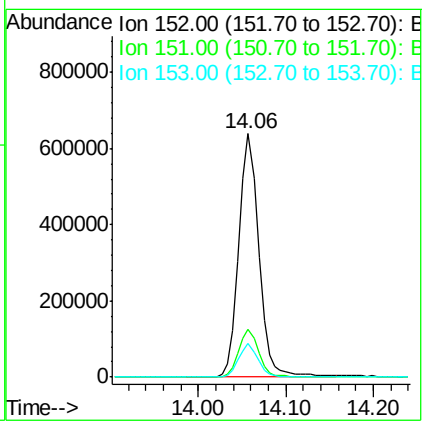


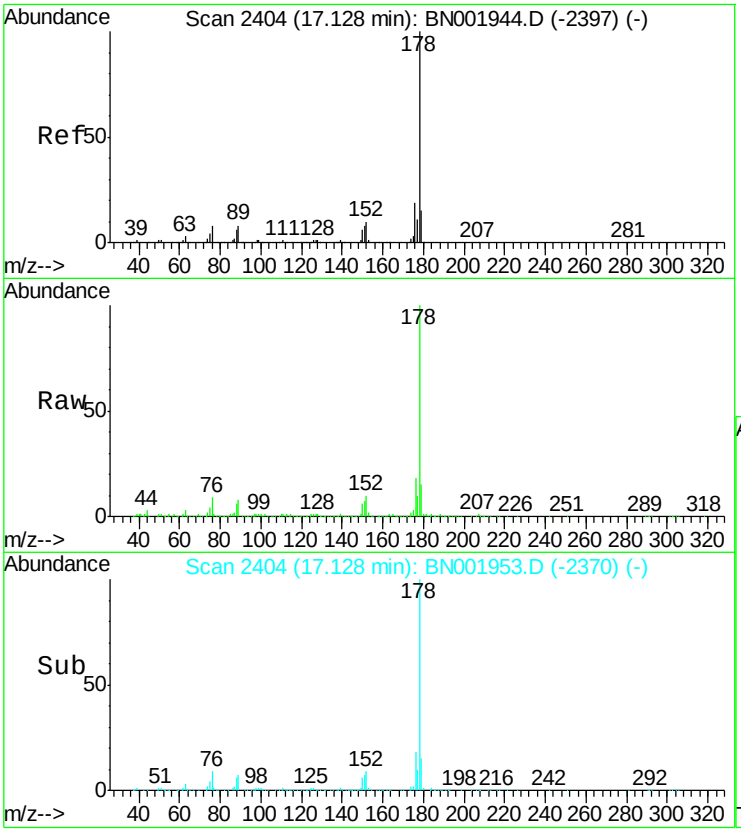


#47
Acenaphthylene
Concen: 5.544 ng/ul
RT: 14.06 min Scan# 1882
Delta R.T. 0.00 min
Lab File: BN001953.D
Acq: 03 Jul 2018 20:49

Tgt Ion:152 Resp: 984892

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1
153	13.6	10.8	16.2



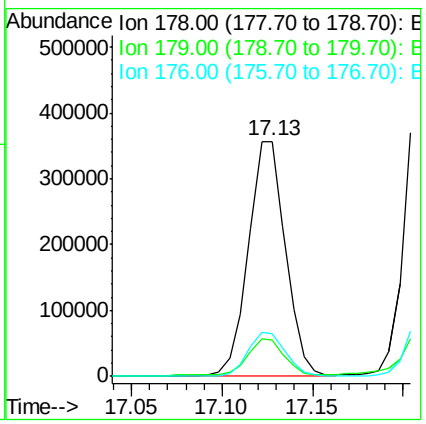


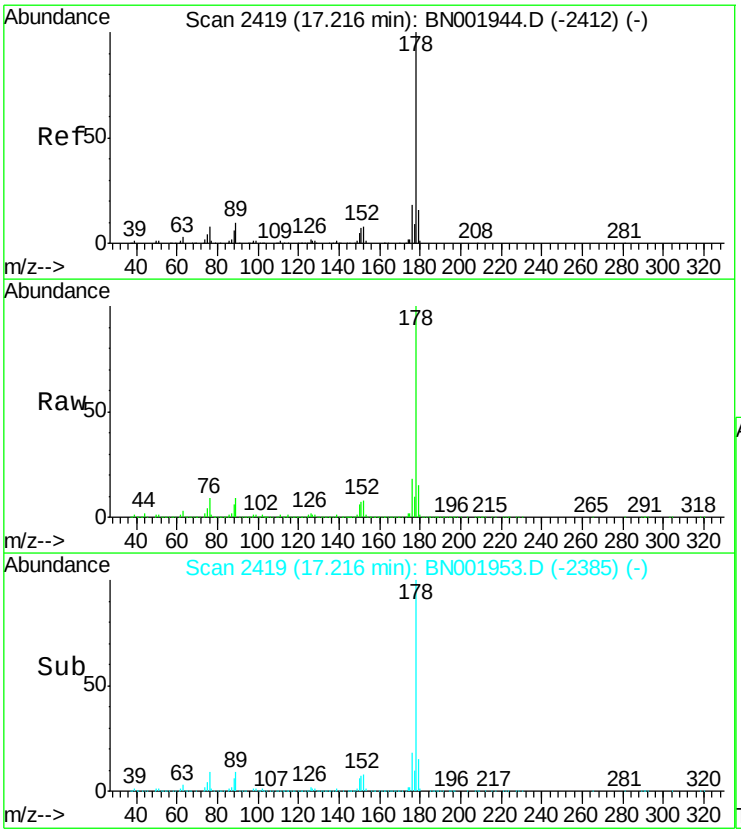
#69
Phenanthrene
Concen: 2.570 ng/ul
RT: 17.13 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BN001953.D
Acq: 03 Jul 2018 20:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 502356

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.2	15.4	23.0

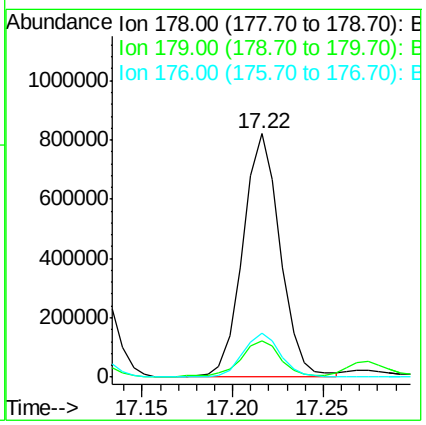


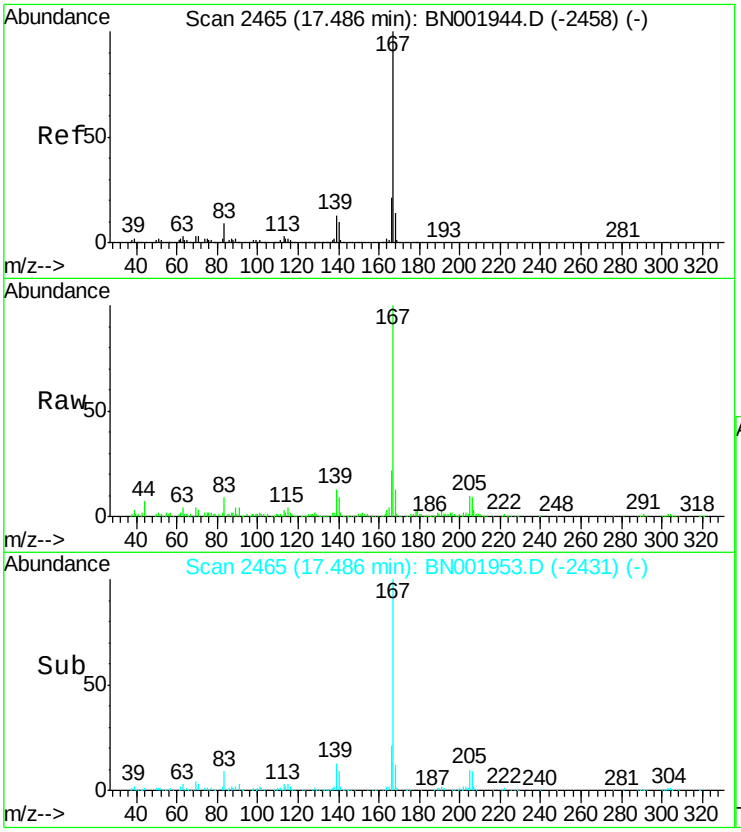


#71
Anthracene
Concen: 5.897 ng/ul
RT: 17.22 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BN001953.D
Acq: 03 Jul 2018 20:49

Tgt Ion:178 Resp: 1166810

Ion	Ratio	Lower	Upper
178	100		
179	15.1	13.4	20.2
176	18.2	15.4	23.0



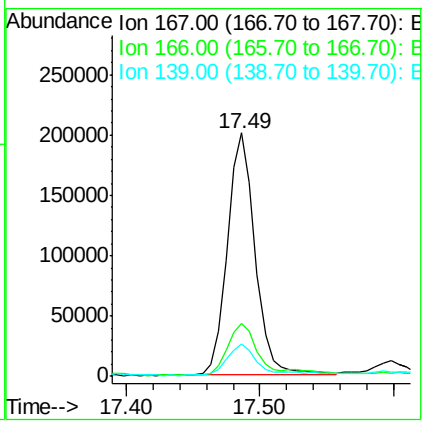


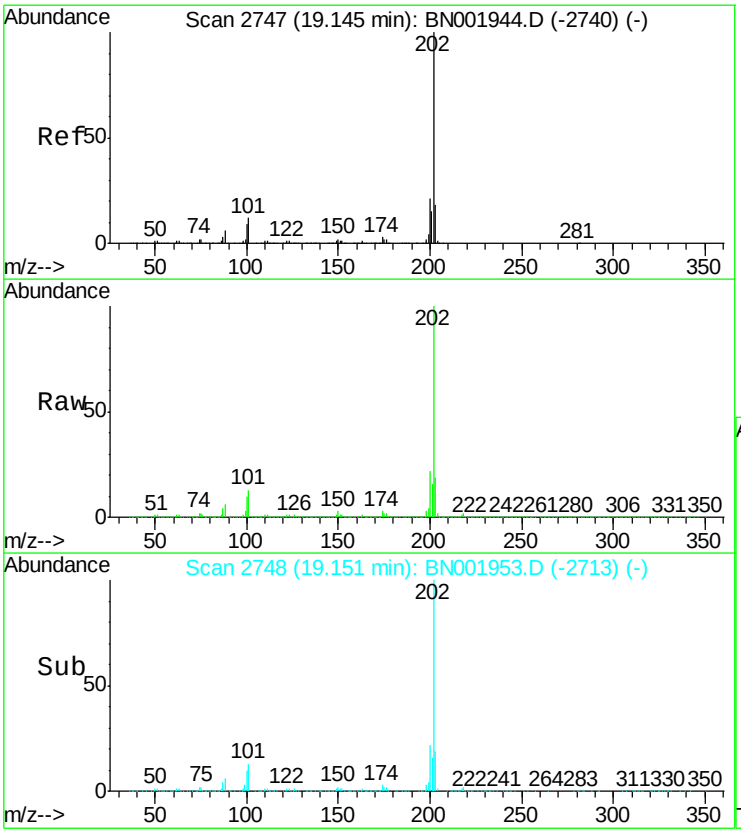
#72
Carbazole
Concen: 1.774 ng/ul
RT: 17.49 min Scan# 2465
Delta R.T. 0.00 min
Lab File: BN001953.D
Acq: 03 Jul 2018 20:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:167 Resp: 294019

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.0	25.4
139	13.3	9.1	13.7

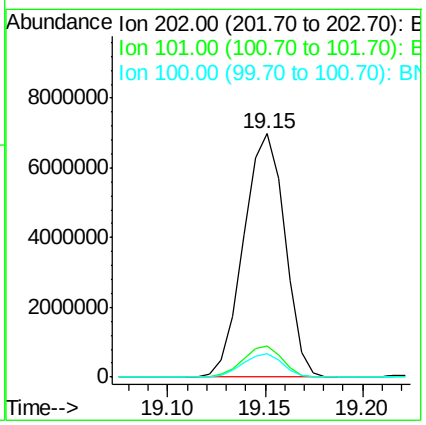


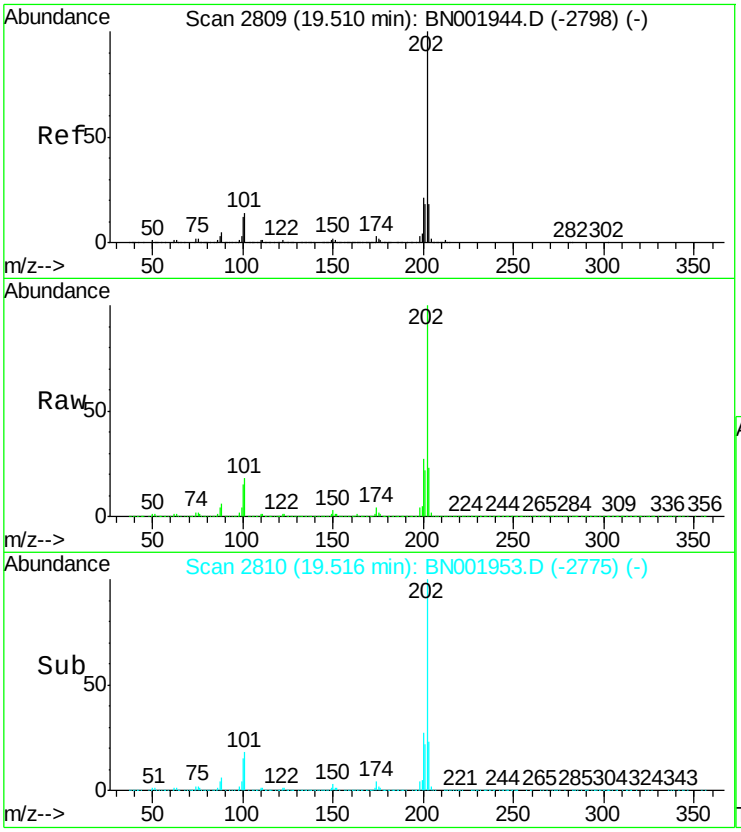


#74
Fluoranthene
Concen: 49.638 ng/ul
RT: 19.15 min Scan# 2748
Delta R.T. 0.01 min
Lab File: BN001953.D
Acq: 03 Jul 2018 20:49

Tgt Ion:202 Resp:10199944

Ion	Ratio	Lower	Upper
202	100		
101	12.7	6.1	9.1#
100	9.8	4.6	7.0#



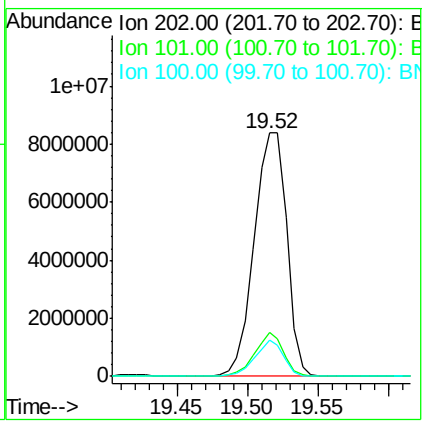


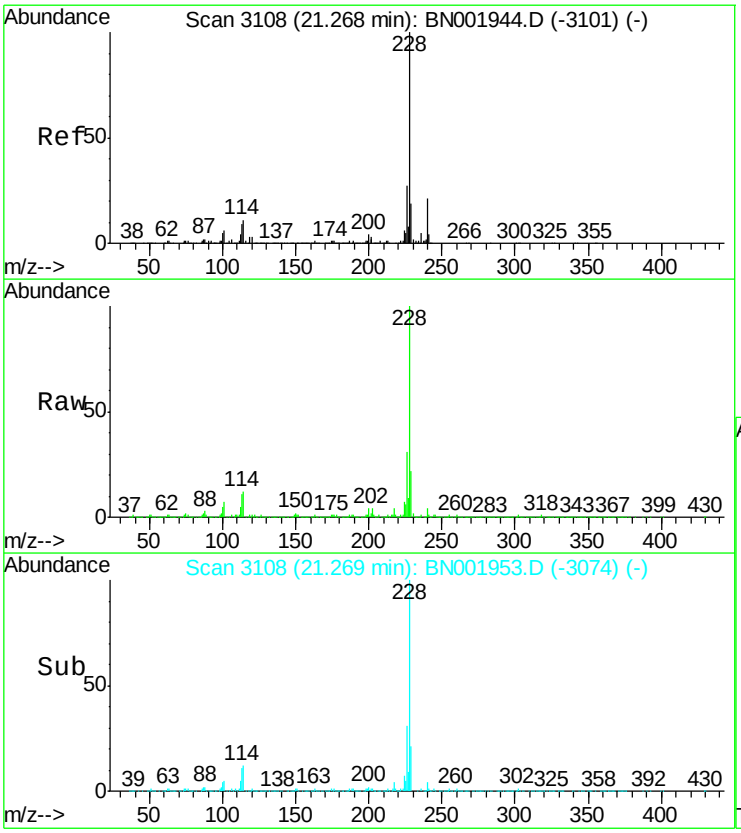
#77
Pyrene
Concen: 101.964 ng/ul
RT: 19.52 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BN001953.D
Acq: 03 Jul 2018 20:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp:13649353

Ion	Ratio	Lower	Upper
202	100		
101	18.0	6.9	10.3#
100	14.7	5.6	8.4#

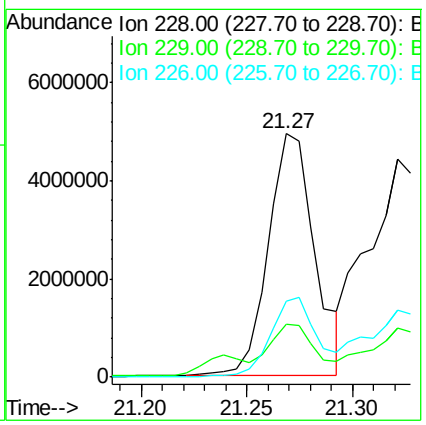


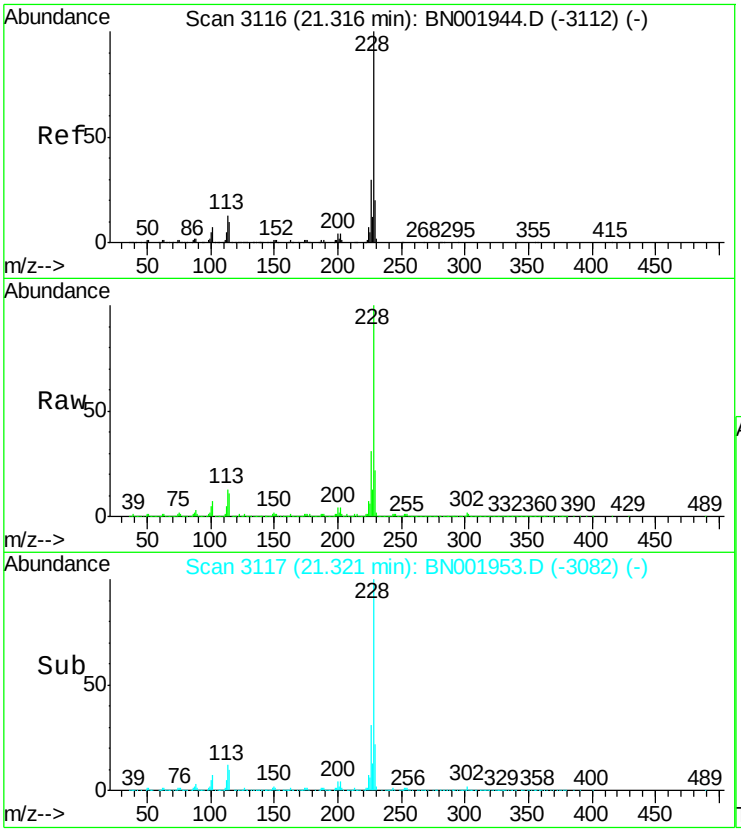


#80
Benzo(a)anthracene
Concen: 55.740 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BN001953.D
Acq: 03 Jul 2018 20:49

Tgt Ion:228 Resp: 7535581

Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.0	24.0
226	31.0	21.8	32.8



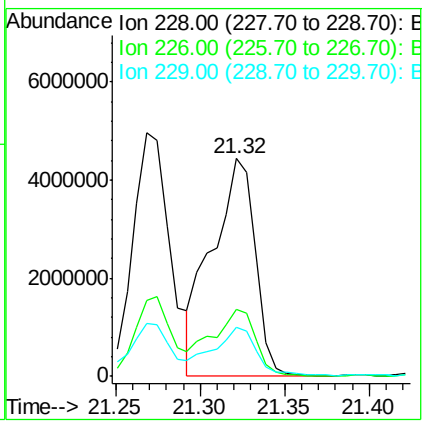


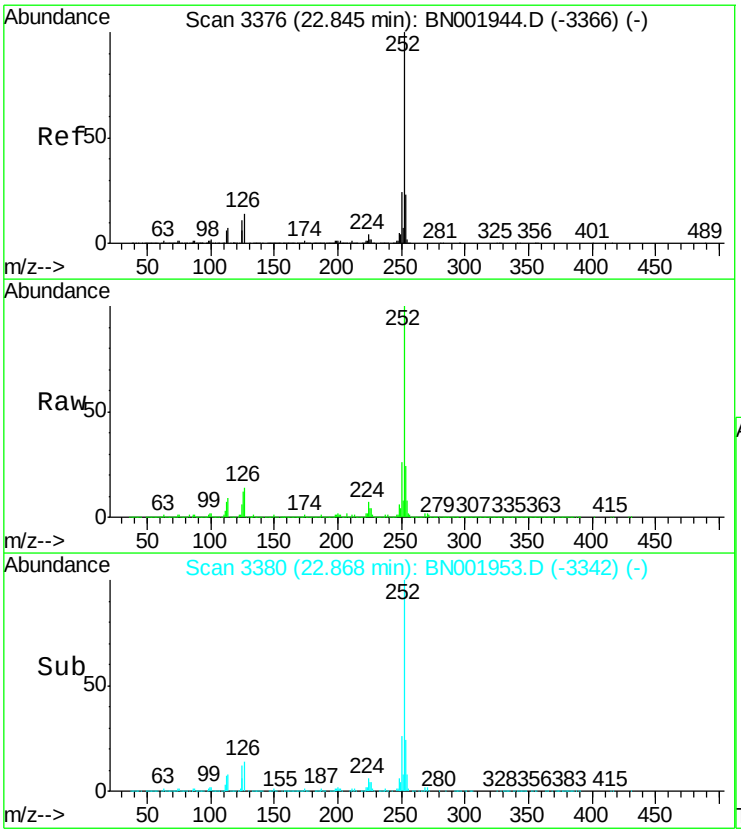
#82
Chrysene
Concen: 62.465 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. 0.01 min
Lab File: BN001953.D
Acq: 03 Jul 2018 20:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 7857354

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.1	36.1
229	22.3	16.0	24.0

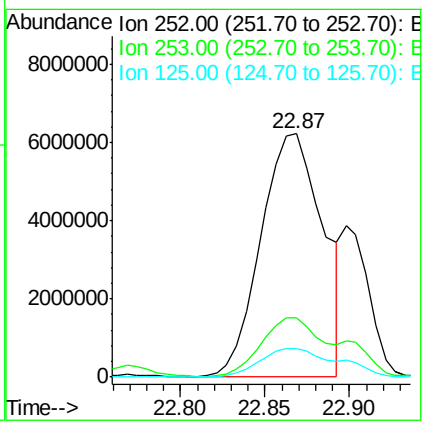


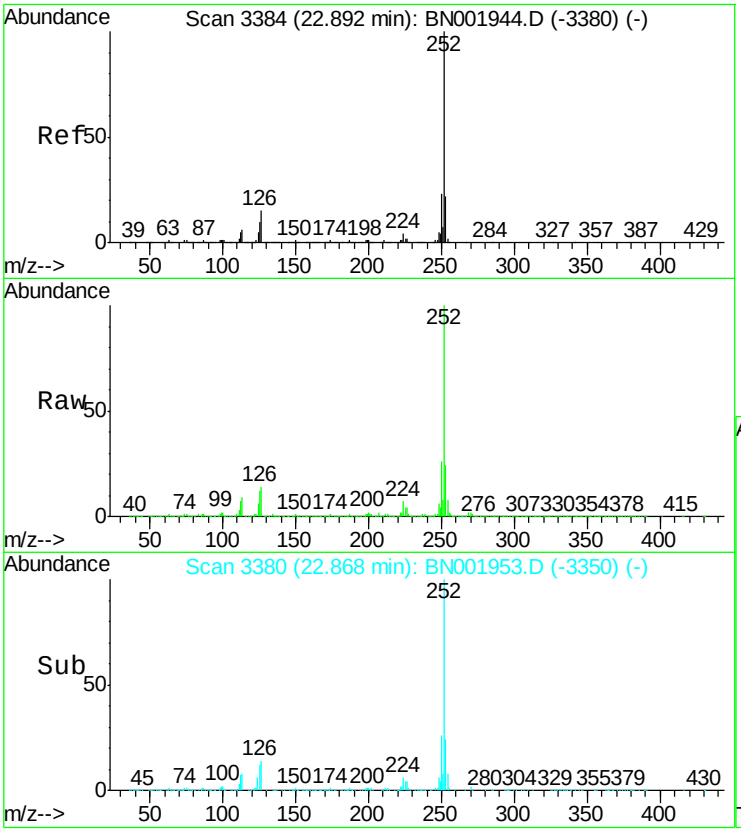


#85
Benzo(b)fluoranthene
Concen: 110.004 ng/ul
RT: 22.87 min Scan# 3380
Delta R.T. 0.02 min
Lab File: BN001953.D
Acq: 03 Jul 2018 20:49

Tgt Ion:252 Resp:15762585

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.0
125	11.8	4.9	7.3#



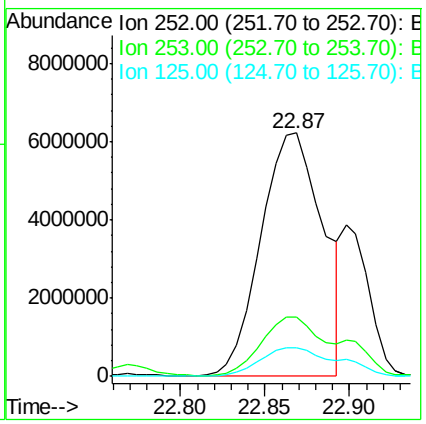


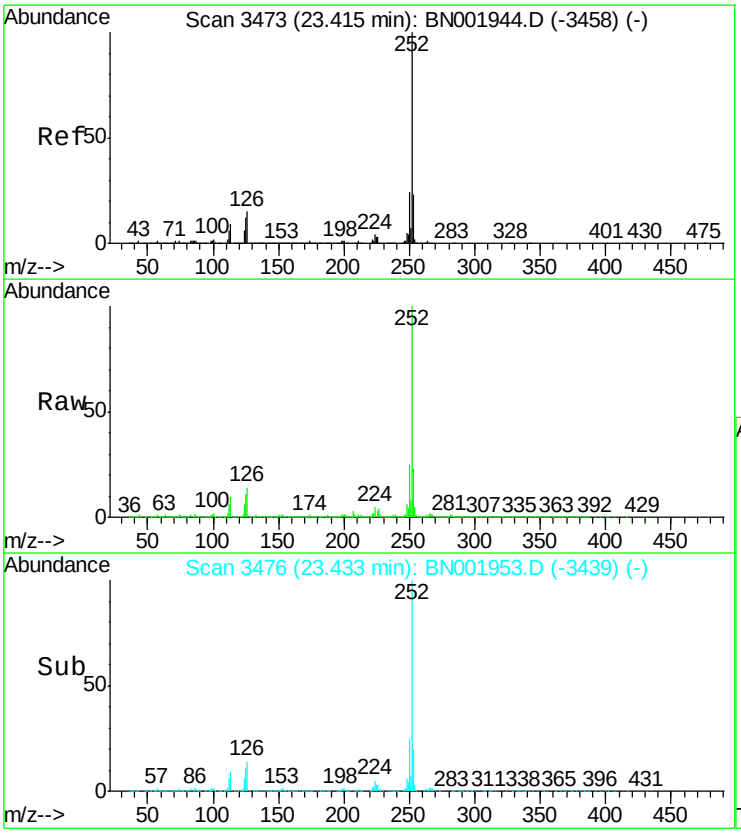
#86
Benzo(k)fluoranthene
Concen: 113.440 ng/ul
RT: 22.87 min Scan# 3380
Delta R.T. -0.02 min
Lab File: BN001953.D
Acq: 03 Jul 2018 20:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp:15762585

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	11.8	5.4	8.0#

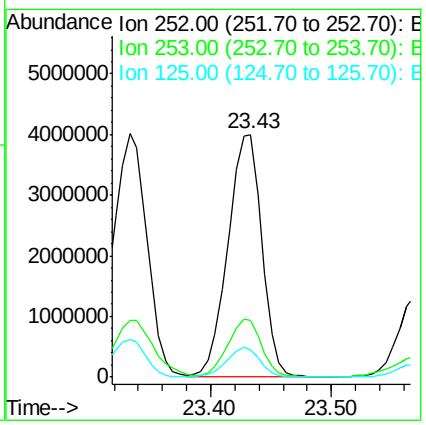


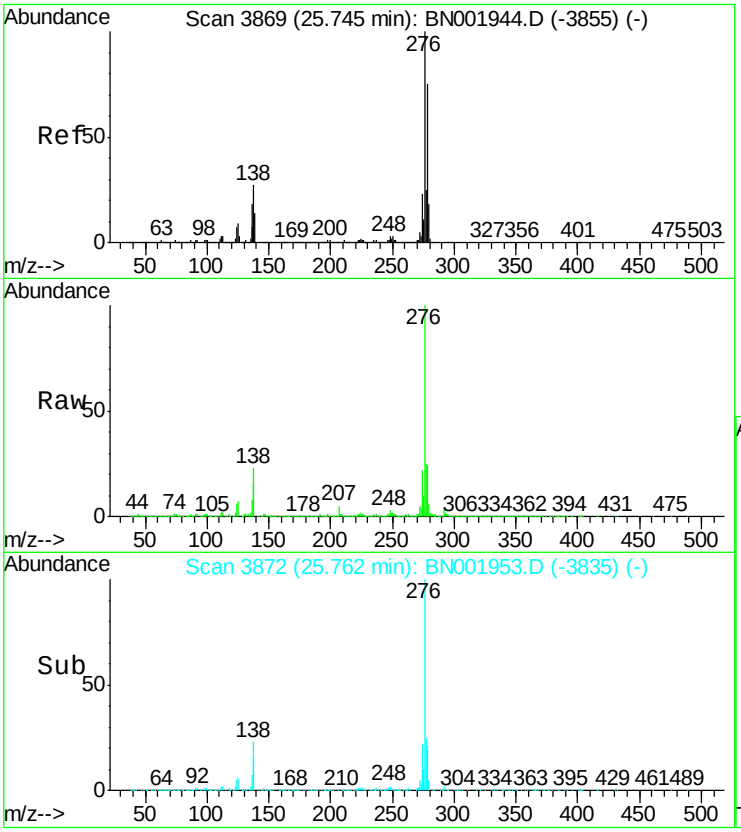


#88
Benzo(a)pyrene
Concen: 57.867 ng/ul
RT: 23.43 min Scan# 3476
Delta R.T. 0.02 min
Lab File: BN001953.D
Acq: 03 Jul 2018 20:49

Tgt Ion:252 Resp: 7748570

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	11.4	5.8	8.6#



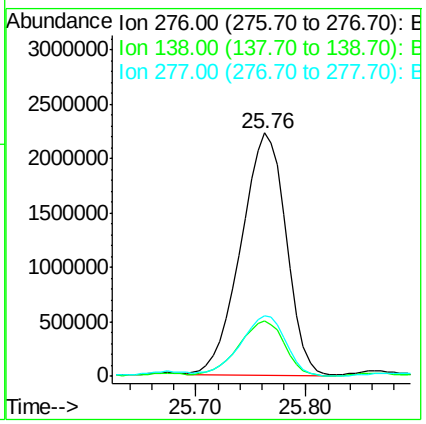


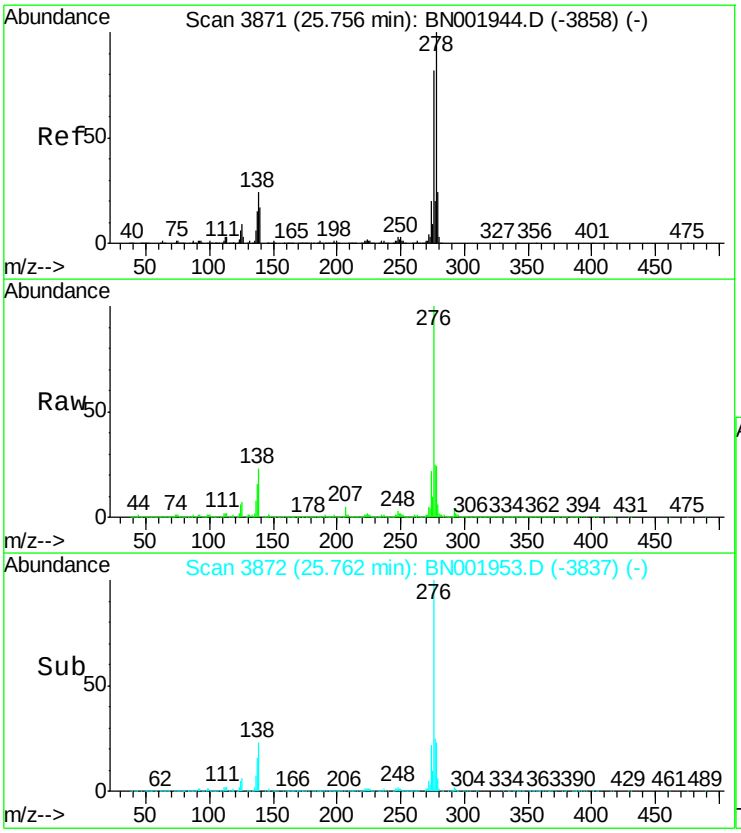
#89
Indeno(1,2,3-cd)pyrene
Concen: 44.931 ng/ul
RT: 25.76 min Scan# 3872
Delta R.T. 0.02 min
Lab File: BN001953.D
Acq: 03 Jul 2018 20:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 6401835

Ion	Ratio	Lower	Upper
276	100		
138	22.9	10.9	16.3#
277	24.9	18.9	28.3

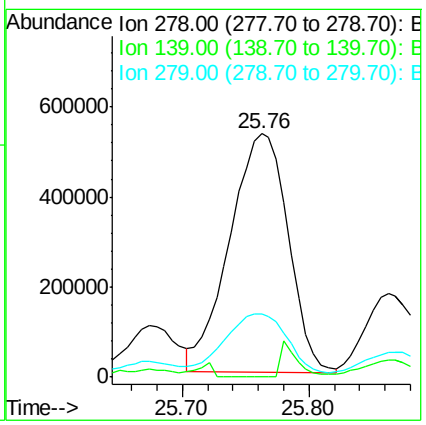


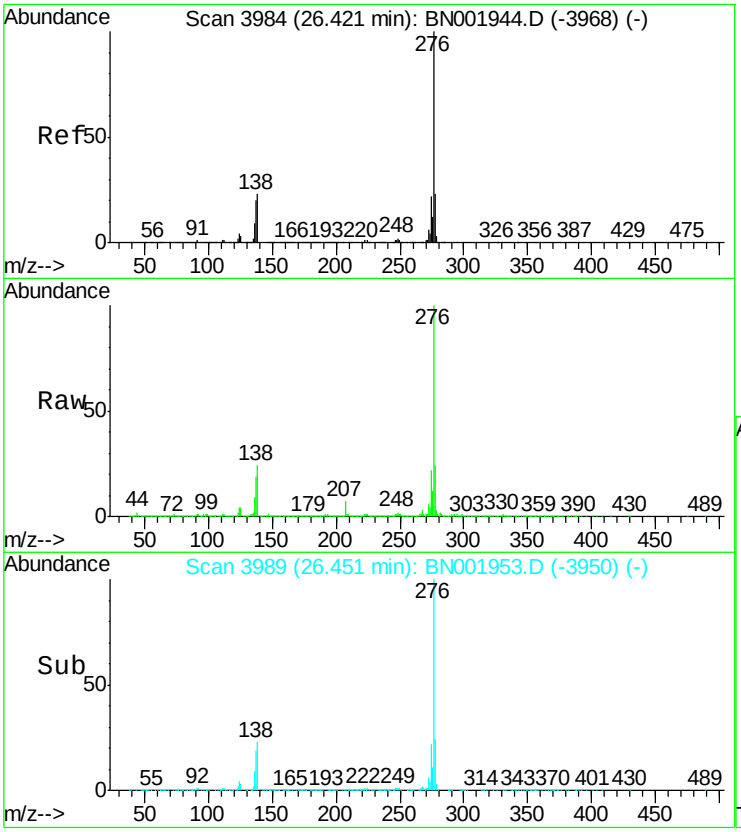


#90
Dibenzo(a,h)anthracene
Concen: 14.337 ng/ul
RT: 25.76 min Scan# 3872
Delta R.T. 0.01 min
Lab File: BN001953.D
Acq: 03 Jul 2018 20:49

Tgt Ion:278 Resp: 1700107

Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.0	13.4#
279	26.1	19.1	28.7





#91
Benzo(g,h,i)perylene
Concen: 46.016 ng/ul
RT: 26.45 min Scan# 3989
Delta R.T. 0.03 min
Lab File: BN001953.D
Acq: 03 Jul 2018 20:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 5408457

Ion	Ratio	Lower	Upper
276	100		
138	23.6	11.2	16.8#
277	24.4	19.0	28.6