Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000609.D
Acq On : 24 Mar 2018 09:10
Operator : JU/SJ
Sample : J1951-06
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AS9

Quant Time: Mar 26 01:27:58 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 26 01:26:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	149701	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	660143	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	356355	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.77	188	768971	20.00	ng/ul	0.01
75) Chrysene-d12	21.89	240	633559	20.00	ng/ul	0.01
83) Perylene-d12	24.37	264	584538	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	17485	4.17	ng/uL	0.00
5) Phenol-d5	7.55	99	392620	28.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.72	67	219753	27.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.94	132	297259	28.15	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	302505	27.81	ng/ul	0.00
19) Nitrobenzene-d5	9.60	128	147195	27.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.33	143	157090	28.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	289366	29.06	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	334673	32.75	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	828501	29.43	ng/ul	0.00
46) Acenaphthylene-d8	14.74	160	1079722	29.07	ng/ul	0.01
51) 4-Nitrophenol-d4	15.22	143	127068	24.31	ng/ul	0.00
57) Fluorene-d10	16.02	176	722969	30.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.14	200	92534	21.01	ng/ul	0.00
70) Anthracene-d10	17.86	188	1073127	29.03	ng/ul	0.00
76) Pyrene-d10	20.12	212	1055013	30.16	ng/ul	0.01
87) Benzo(a)pyrene-d12	24.21	264	824411	29.88	ng/ul	0.02
Target Compounds						Qvalue
44) Dimethylphthalate	14.47	163	219246	7.873	ng/ul	99
49) Acenaphthene	15.10	153	30616	1.234	ng/ul	98
58) Fluorene	16.07	166	46210	1.726	ng/ul	97
69) Phenanthrene	17.81	178	755029	17.043	ng/ul	99
71) Anthracene	17.90	178	184648	4.065	ng/ul	99
72) Carbazole	18.15	167	52804	1.356	ng/ul#	79
74) Fluoranthene	19.79	202	1131884	25.712	ng/ul#	89
77) Pyrene	20.15	202	866411	18.723	ng/ul#	86
80) Benzo(a)anthracene	21.87	228	393752	9.328	ng/ul	96
82) Chrysene	21.92	228	363898	9.195	ng/ul	96
85) Benzo(b)fluoranthene	23.61	252	404340	10.947	ng/ul#	59
86) Benzo(k)fluoranthene	23.61	252	404340	11.340	ng/ul#	57
88) Benzo(a)pyrene	24.26	252	289736	8.335	ng/ul#	56
89) Indeno(1,2,3-cd)pyrene	26.93	276	181323	4.837	ng/ul#	73
90) Dibenzo(a,h)anthracene	26.92	278	46496	1.489	ng/ul#	1
91) Benzo(g,h,i)perylene	27.72	276	162112	5.204	ng/ul#	73

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000609.D
Acq On : 24 Mar 2018 09:10
Operator : JU/SJ
Sample : J1951-06
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AS9

Quant Time: Mar 26 01:27:58 2018
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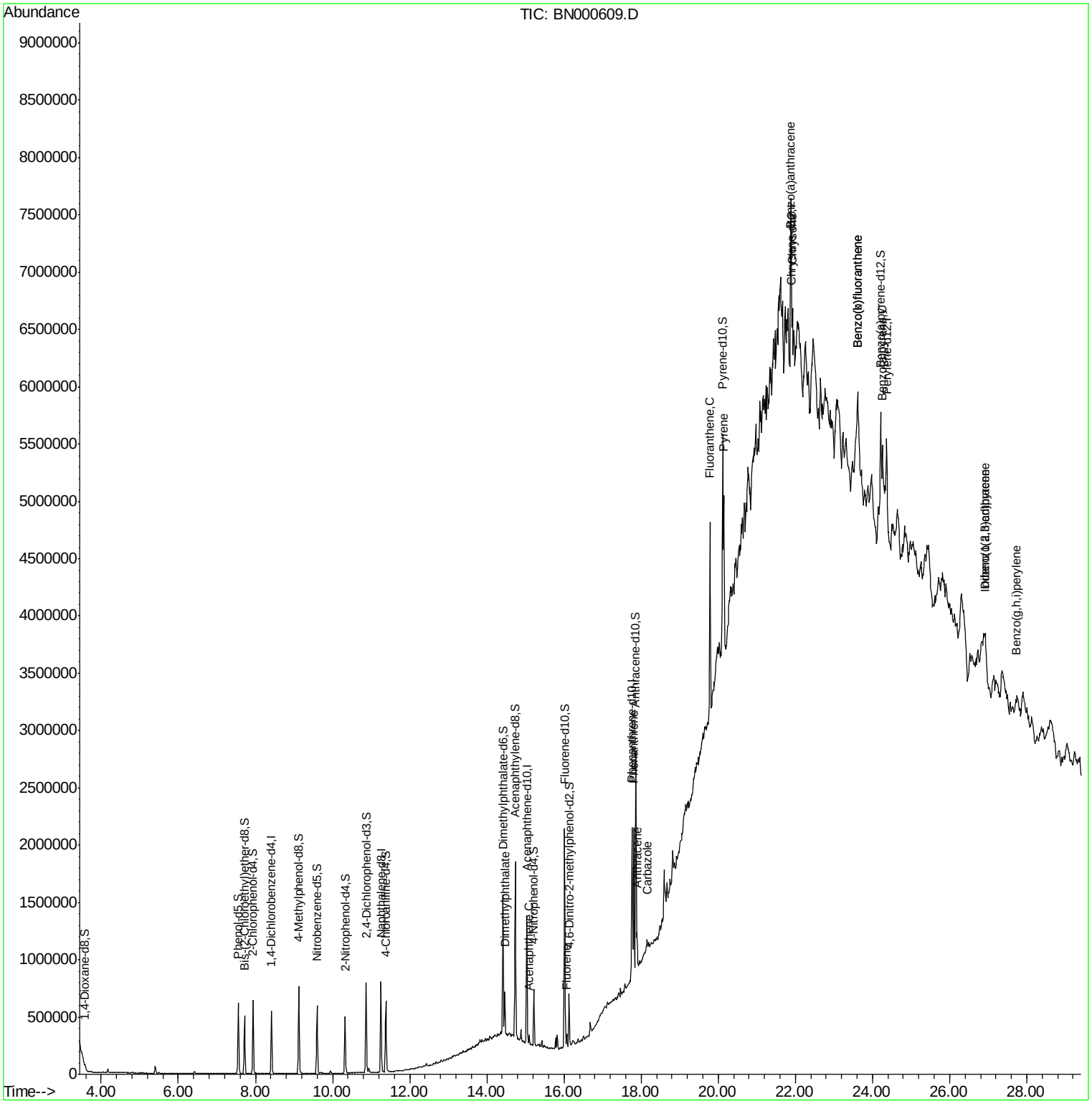
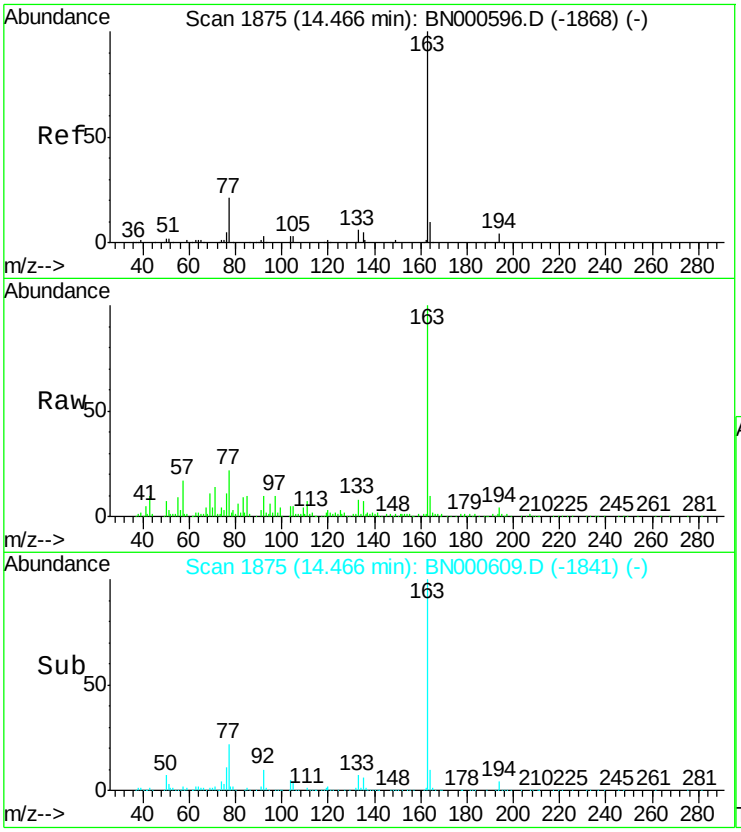
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 26 01:26:45 2018
Response via : Initial Calibration



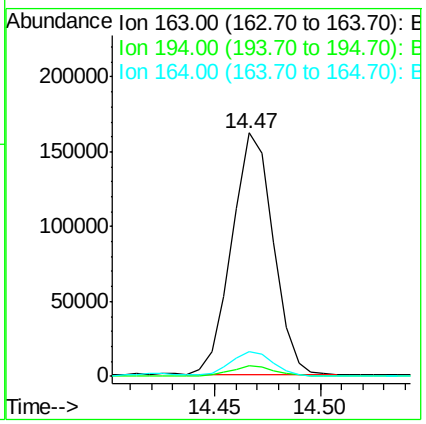


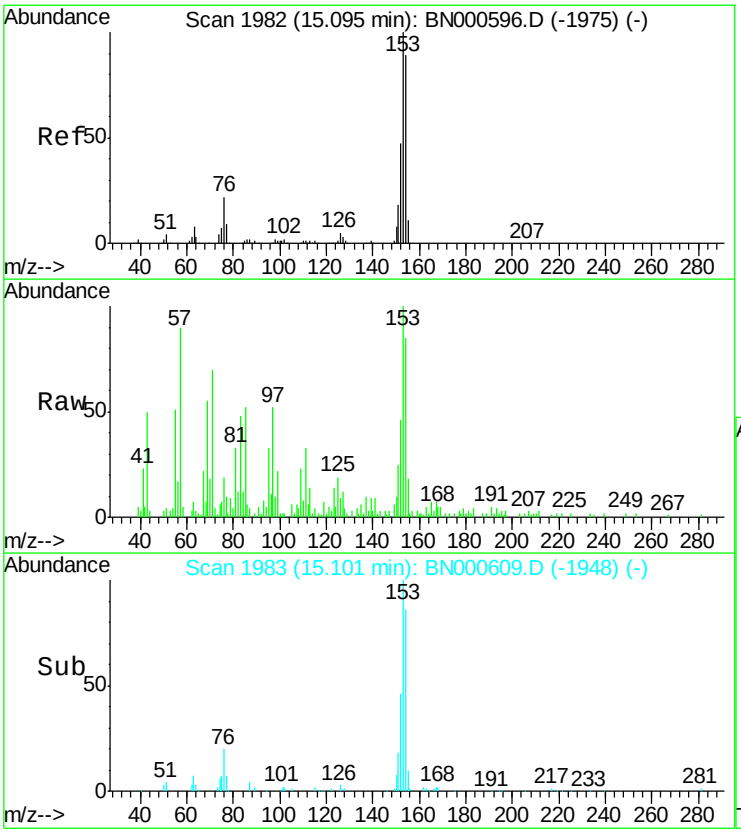
#44
Dimethylphthalate
Concen: 7.873 ng/ul
RT: 14.47 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BN000609.D
Acq: 24 Mar 2018 09:10

Instrument :
BNA_N
ClientSampleId :
C0AS9

Tgt Ion:163 Resp: 219246

Ion	Ratio	Lower	Upper
163	100		
194	4.3	4.0	6.0
164	10.4	8.4	12.6

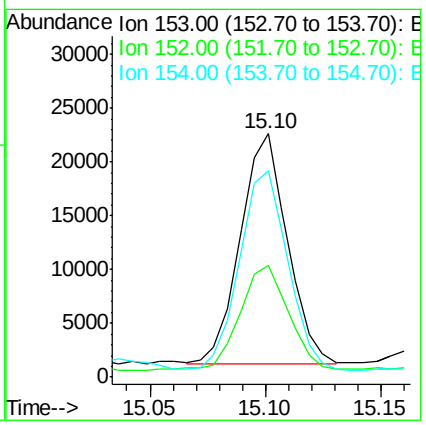


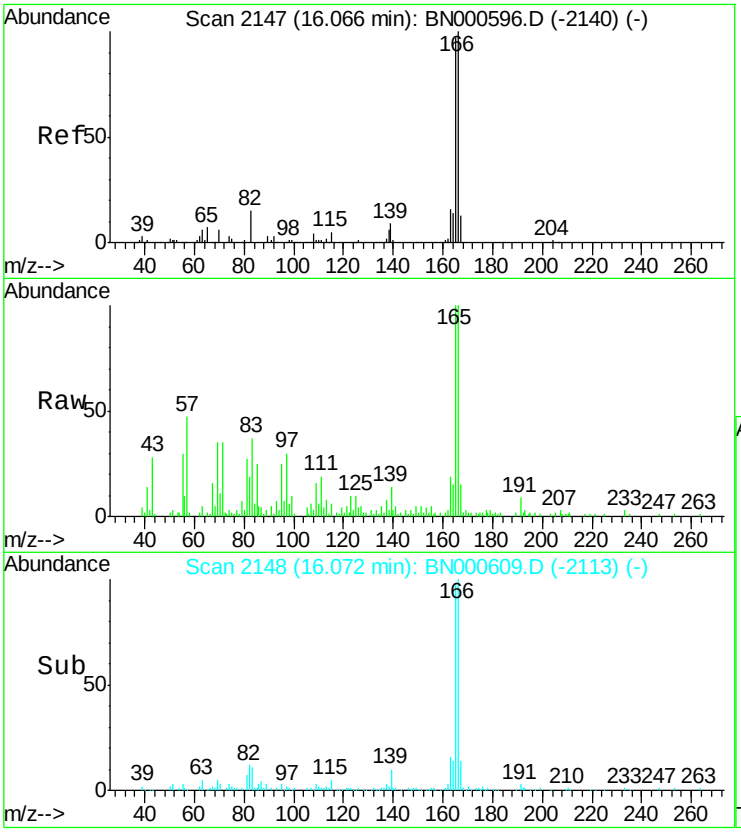


#49
Acenaphthene
Concen: 1.234 ng/ul
RT: 15.10 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BN000609.D
Acq: 24 Mar 2018 09:10

Tgt Ion:153 Resp: 30616

Ion	Ratio	Lower	Upper
153	100		
152	46.1	37.9	56.9
154	84.7	69.8	104.6



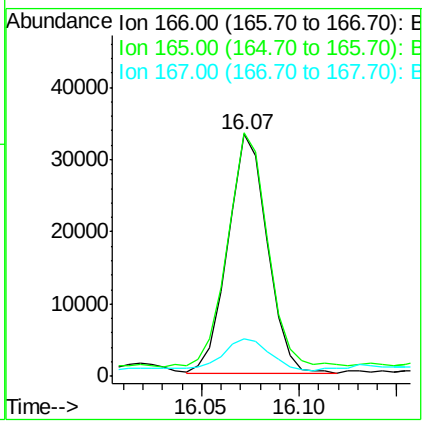


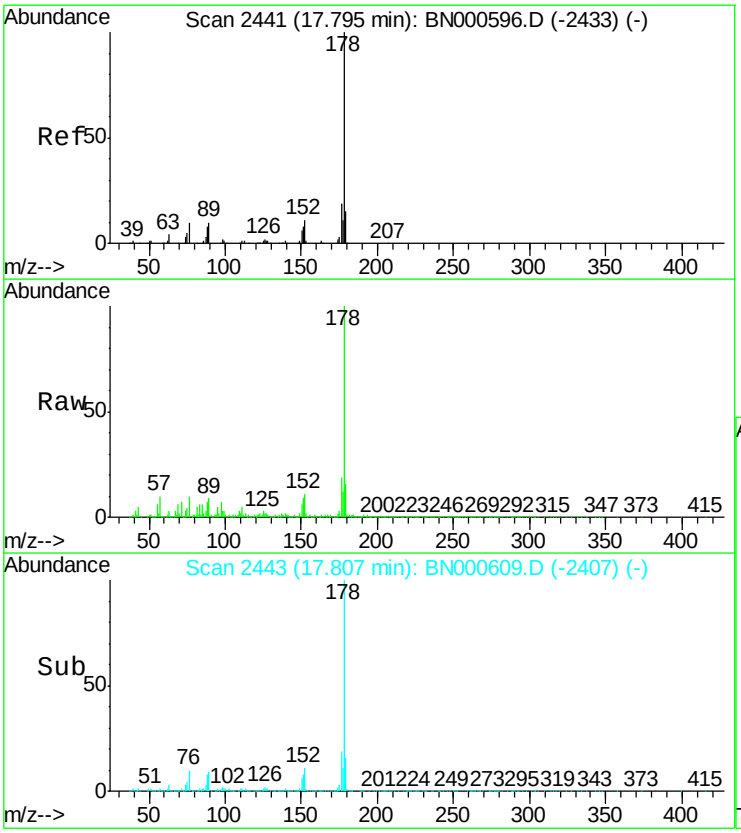
#58
Fluorene
Concen: 1.726 ng/ul
RT: 16.07 min Scan# 2148
Delta R.T. 0.01 min
Lab File: BN000609.D
Acq: 24 Mar 2018 09:10

Instrument :
BNA_N
ClientSampleId :
C0AS9

Tgt Ion:166 Resp: 46210

Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.4	117.6
167	15.6	11.1	16.7

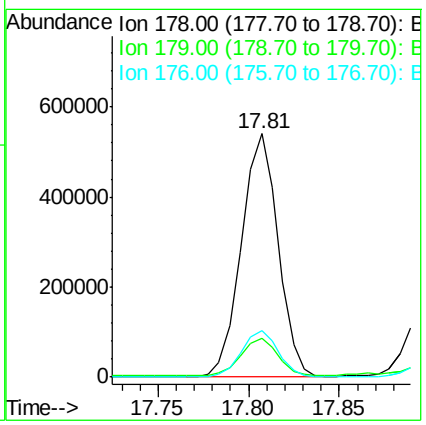


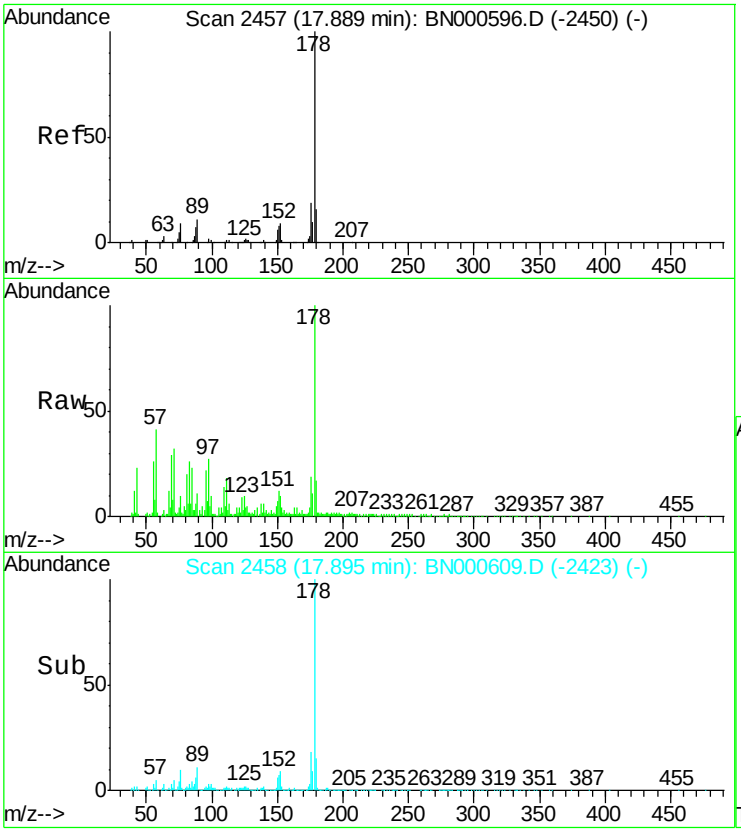


#69
Phenanthrene
Concen: 17.043 ng/ul
RT: 17.81 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BN000609.D
Acq: 24 Mar 2018 09:10

Tgt Ion:178 Resp: 755029

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	19.0	15.4	23.0



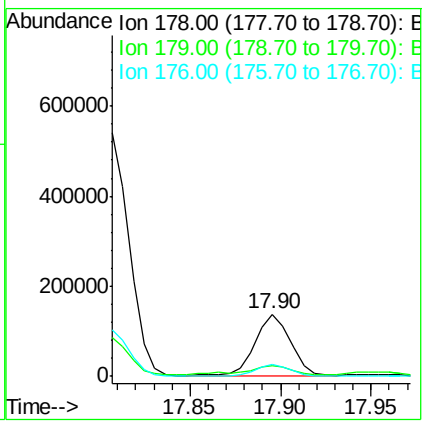


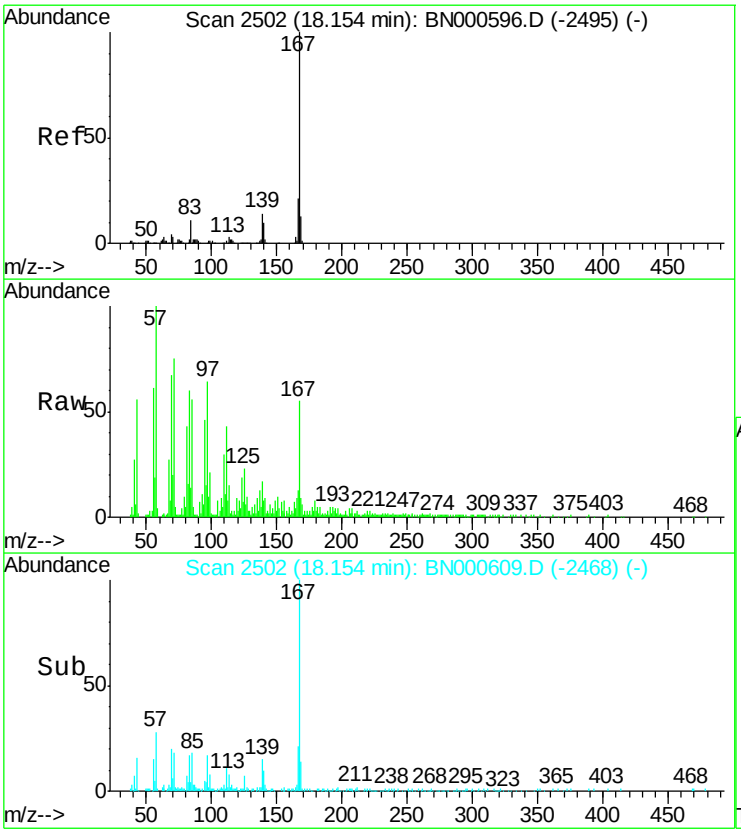
#71
Anthracene
Concen: 4.065 ng/ul
RT: 17.90 min Scan# 2458
Delta R.T. 0.01 min
Lab File: BN000609.D
Acq: 24 Mar 2018 09:10

Instrument :
BNA_N
ClientSampleId :
C0AS9

Tgt Ion:178 Resp: 184648

Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.4	20.2
176	18.7	15.4	23.0

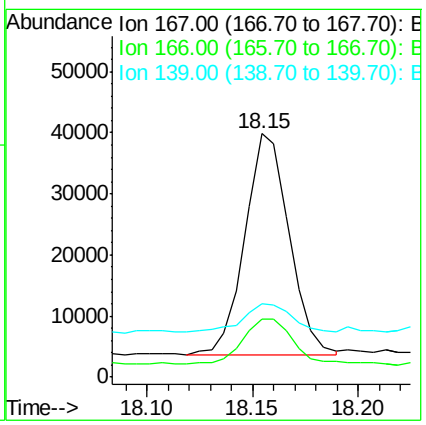


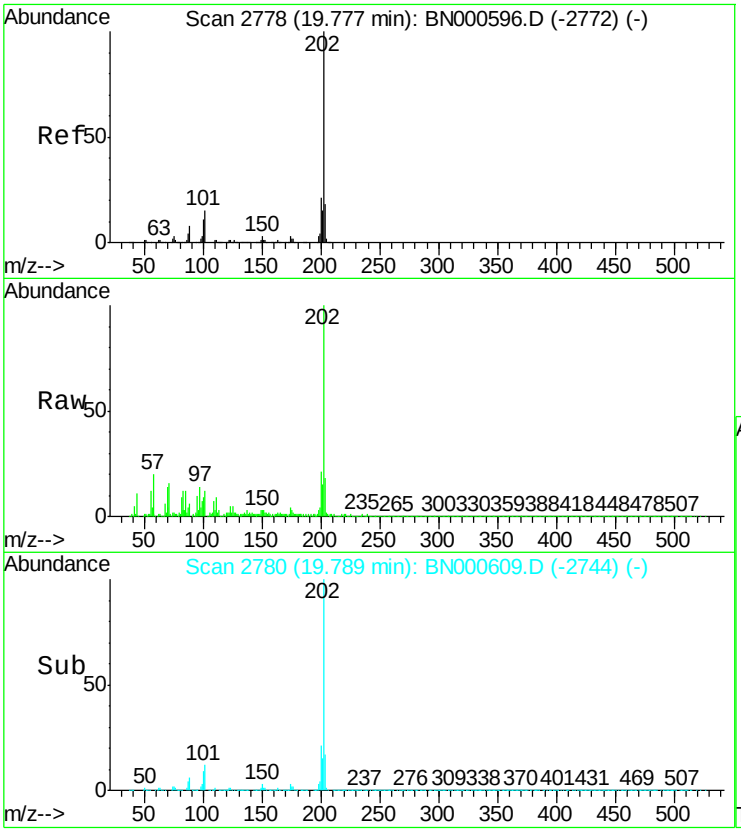


#72
Carbazole
Concen: 1.356 ng/ul
RT: 18.15 min Scan# 2502
Delta R.T. 0.00 min
Lab File: BN000609.D
Acq: 24 Mar 2018 09:10

Tgt Ion:167 Resp: 52804

Ion	Ratio	Lower	Upper
167	100		
166	24.1	17.0	25.4
139	30.3	9.1	13.7#



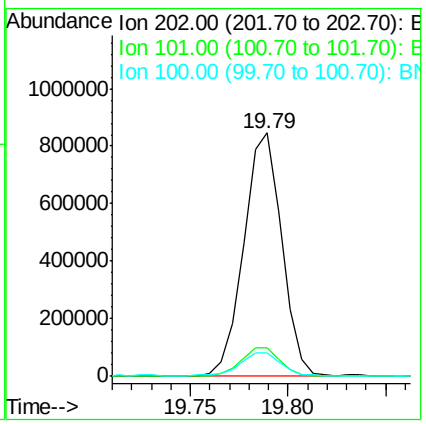


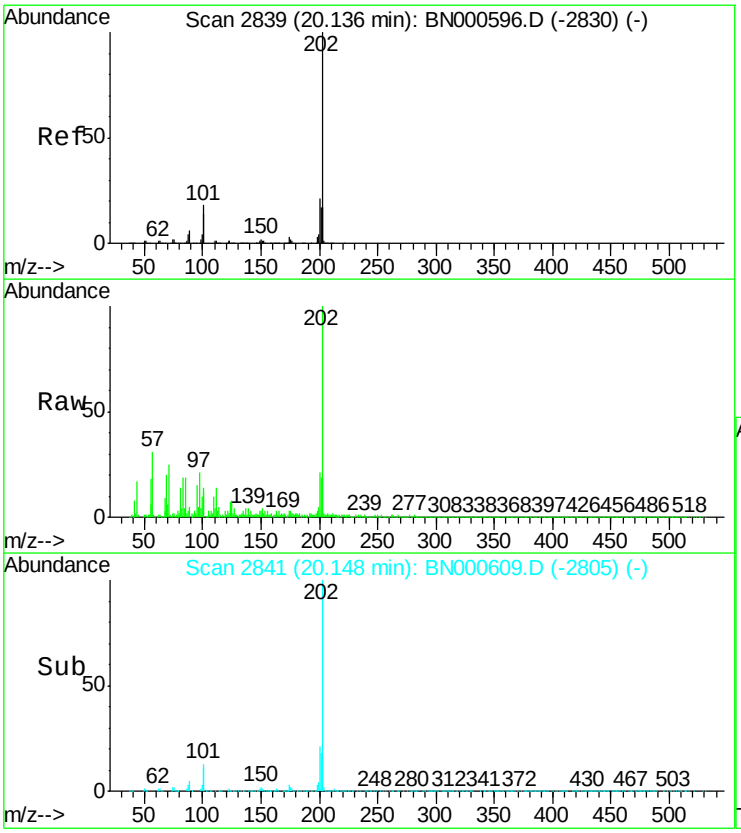
#74
Fluoranthene
Concen: 25.712 ng/ul
RT: 19.79 min Scan# 2780
Delta R.T. 0.01 min
Lab File: BN000609.D
Acq: 24 Mar 2018 09:10

Instrument :
BNA_N
ClientSampleId :
C0AS9

Tgt Ion:202 Resp: 1131884

Ion	Ratio	Lower	Upper
202	100		
101	11.7	6.1	9.1#
100	9.4	4.6	7.0#

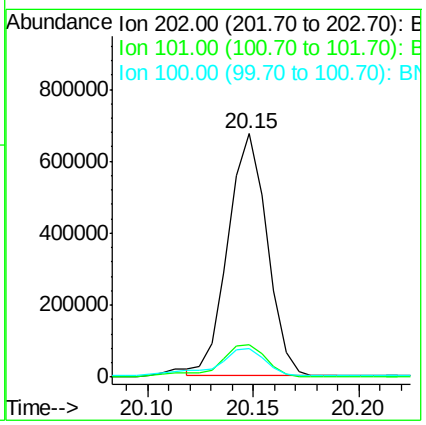


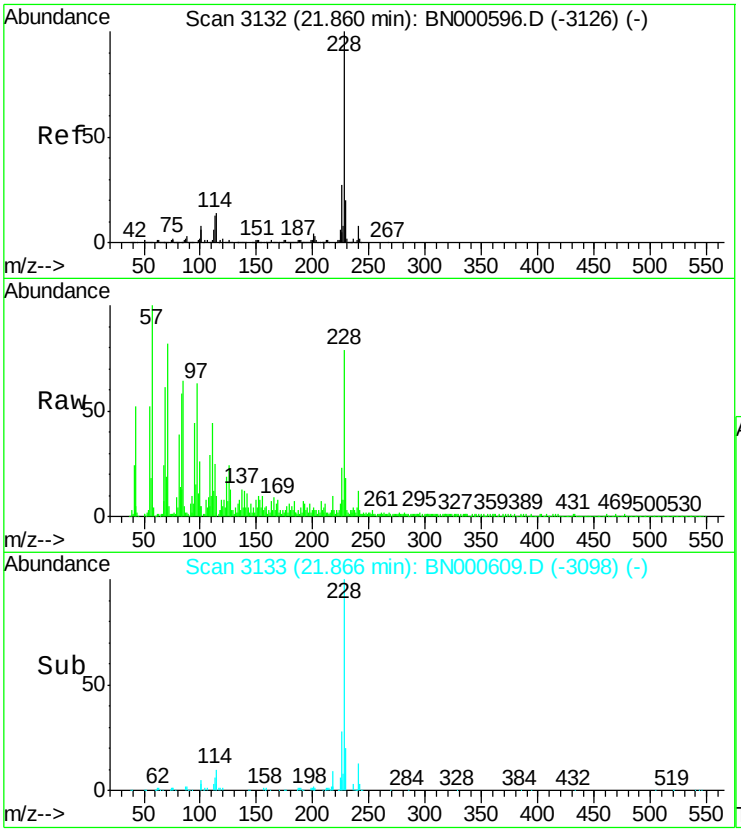


#77
Pyrene
Concen: 18.723 ng/ul
RT: 20.15 min Scan# 2841
Delta R.T. 0.01 min
Lab File: BN000609.D
Acq: 24 Mar 2018 09:10

Tgt Ion:202 Resp: 866411

Ion	Ratio	Lower	Upper
202	100		
101	13.5	6.9	10.3#
100	12.0	5.6	8.4#



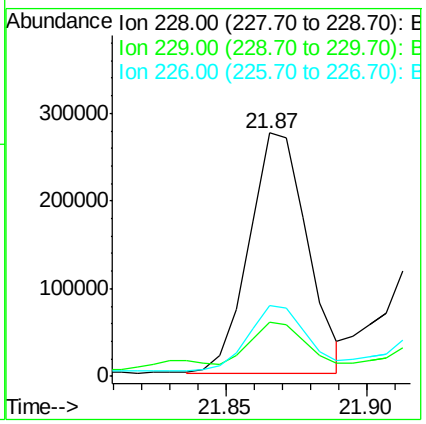


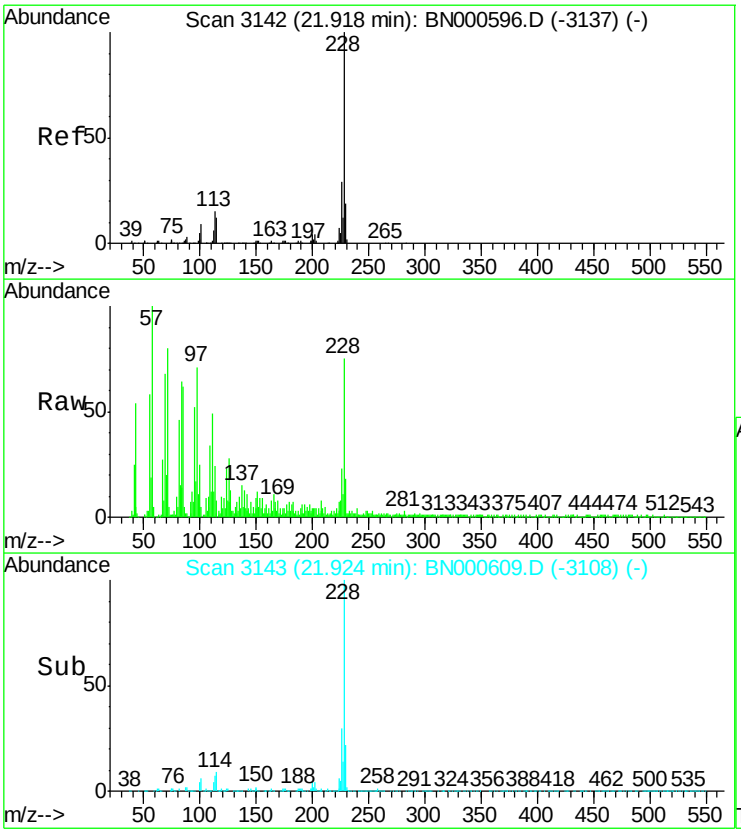
#80
Benzo(a)anthracene
Concen: 9.328 ng/ul
RT: 21.87 min Scan# 3133
Delta R.T. 0.01 min
Lab File: BN000609.D
Acq: 24 Mar 2018 09:10

Instrument :
BNA_N
ClientSampleId :
C0AS9

Tgt Ion:228 Resp: 393752

Ion	Ratio	Lower	Upper
228	100		
229	22.3	16.0	24.0
226	28.9	21.8	32.8

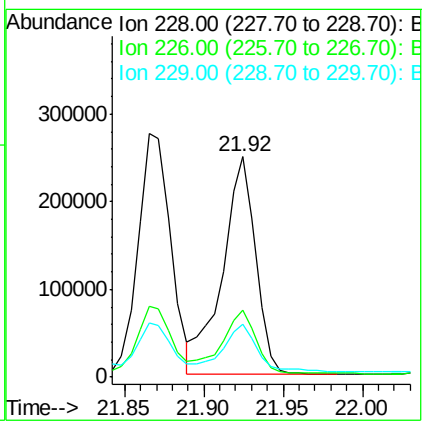


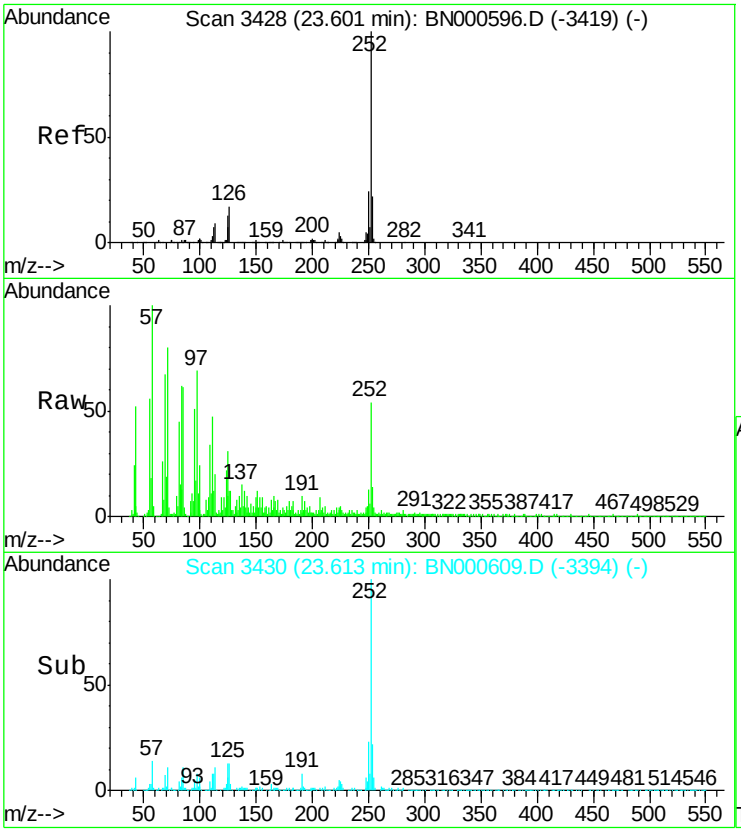


#82
Chrysene
Concen: 9.195 ng/ul
RT: 21.92 min Scan# 3143
Delta R.T. 0.01 min
Lab File: BN000609.D
Acq: 24 Mar 2018 09:10

Tgt Ion:228 Resp: 363898

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	23.8	16.0	24.0



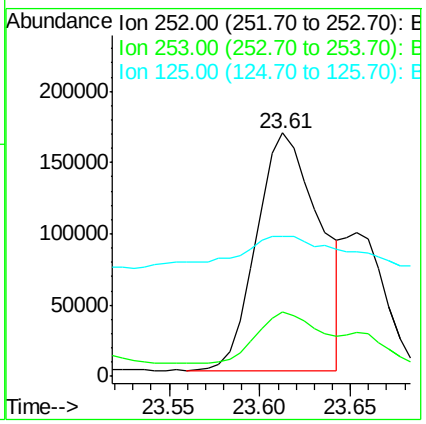


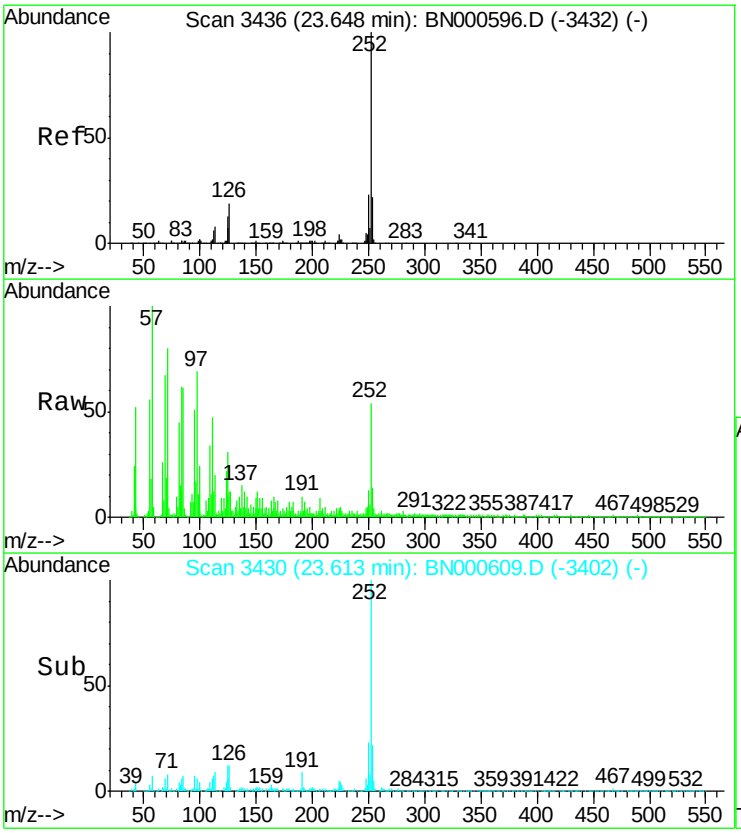
#85
Benzo(b)fluoranthene
Concen: 10.947 ng/ul
RT: 23.61 min Scan# 3430
Delta R.T. 0.01 min
Lab File: BN000609.D
Acq: 24 Mar 2018 09:10

Instrument :
BNA_N
ClientSampleId :
C0AS9

Tgt Ion:252 Resp: 404340

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.4	26.0#
125	57.4	4.9	7.3#

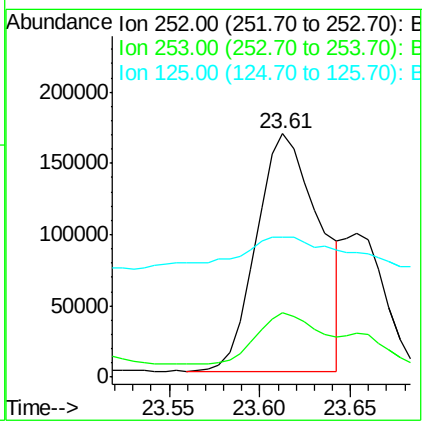


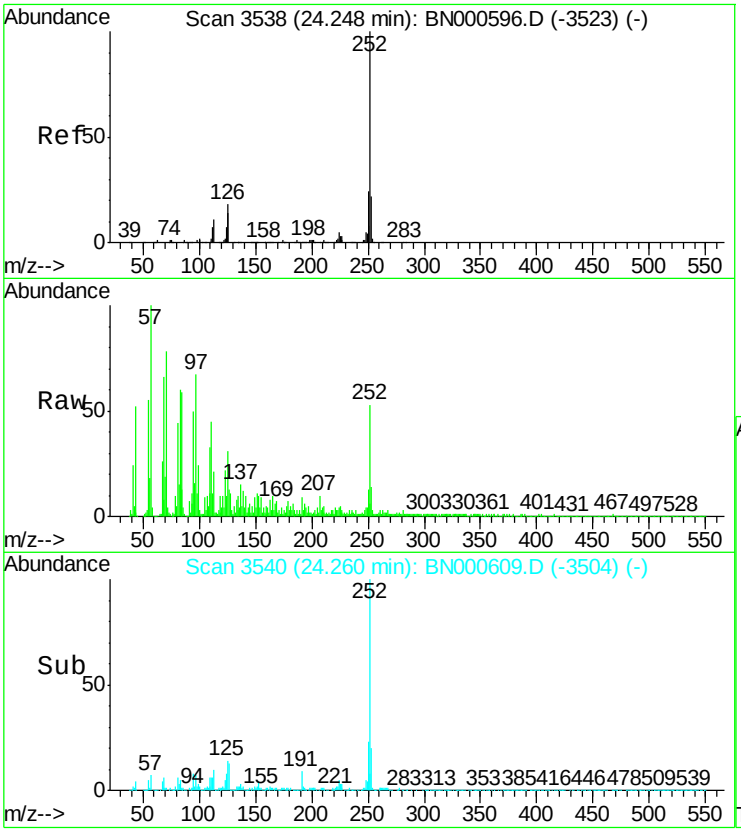


#86
Benzo(k)fluoranthene
Concen: 11.340 ng/ul
RT: 23.61 min Scan# 3430
Delta R.T. -0.04 min
Lab File: BN000609.D
Acq: 24 Mar 2018 09:10

Tgt Ion:252 Resp: 404340

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.1	25.7#
125	57.4	5.4	8.0#



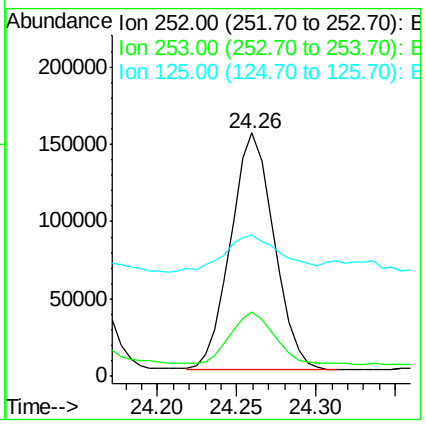


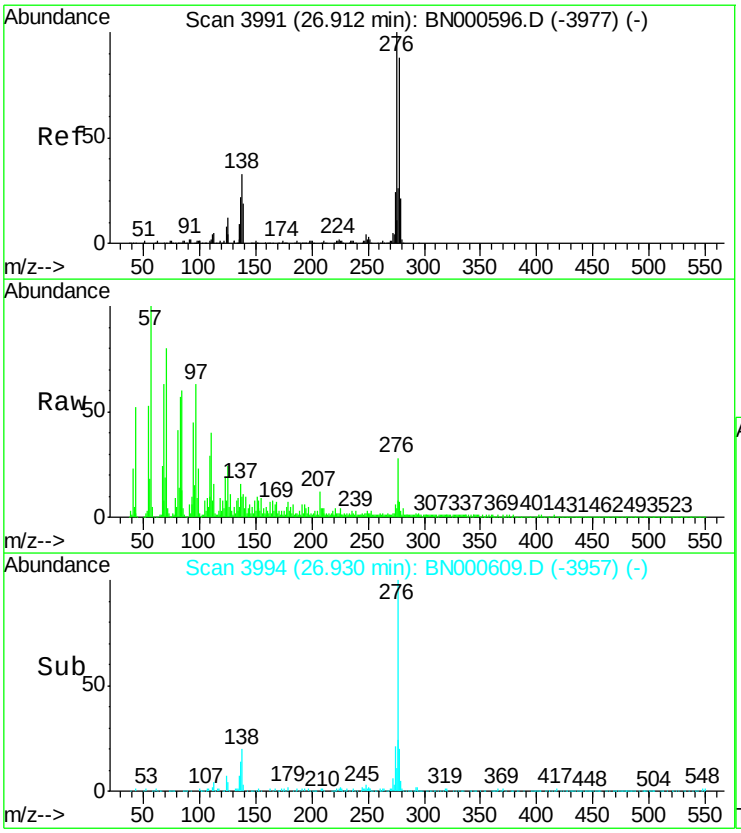
#88
Benzo(a)pyrene
Concen: 8.335 ng/ul
RT: 24.26 min Scan# 3540
Delta R.T. 0.01 min
Lab File: BN000609.D
Acq: 24 Mar 2018 09:10

Instrument :
BNA_N
ClientSampleId :
C0AS9

Tgt Ion:252 Resp: 289736

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.2	25.8#
125	57.8	5.8	8.6#

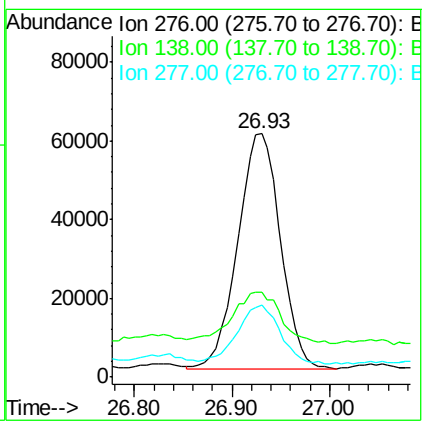


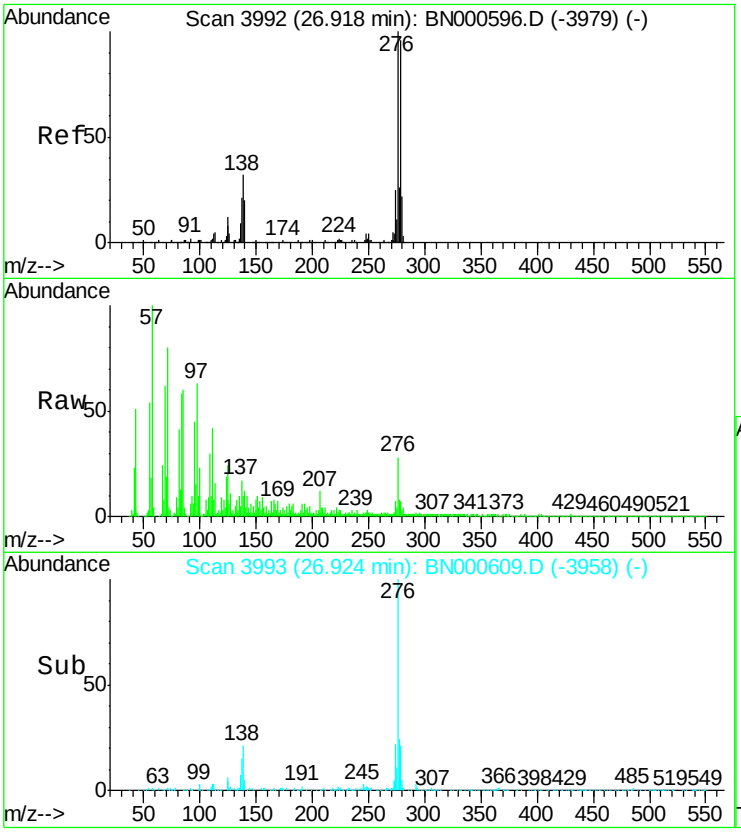


#89
Indeno(1,2,3-cd)pyrene
Concen: 4.837 ng/ul
RT: 26.93 min Scan# 3994
Delta R.T. 0.02 min
Lab File: BN000609.D
Acq: 24 Mar 2018 09:10

Tgt Ion:276 Resp: 181323

Ion	Ratio	Lower	Upper
276	100		
138	34.7	10.9	16.3#
277	29.6	18.9	28.3#



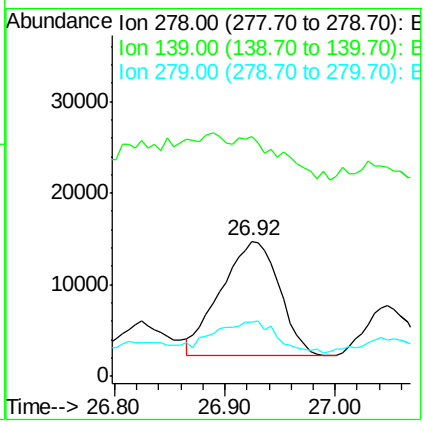


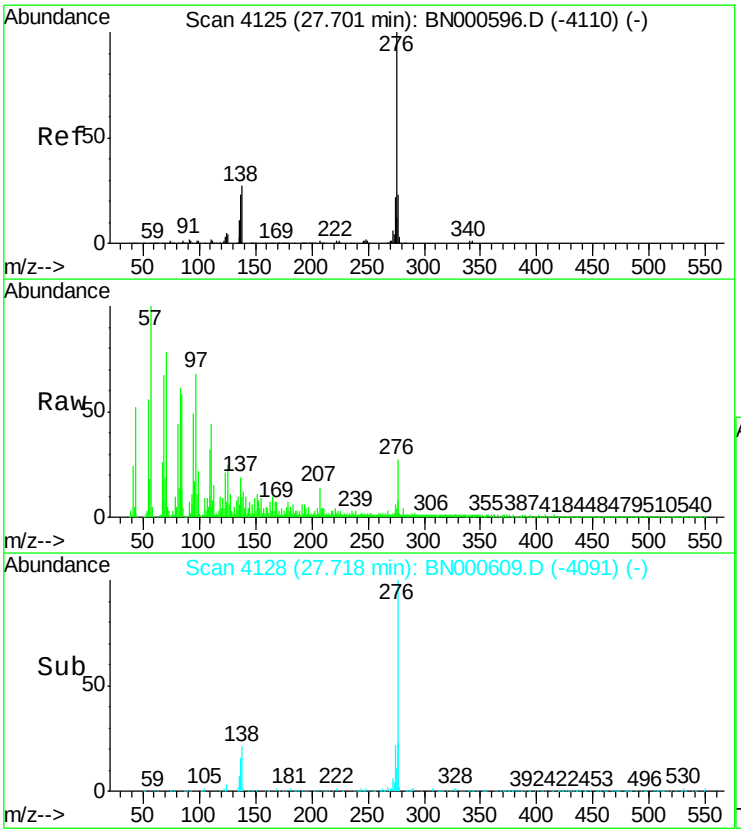
#90
Dibenzo(a,h)anthracene
Concen: 1.489 ng/ul
RT: 26.92 min Scan# 3993
Delta R.T. 0.01 min
Lab File: BN000609.D
Acq: 24 Mar 2018 09:10

Instrument :
BNA_N
ClientSampleId :
C0AS9

Tgt Ion:278 Resp: 46496

Ion	Ratio	Lower	Upper
278	100		
139	178.0	9.0	13.4#
279	40.5	19.1	28.7#





#91
Benzo(g,h,i)perylene
Concen: 5.204 ng/ul
RT: 27.72 min Scan# 4128
Delta R.T. 0.02 min
Lab File: BN000609.D
Acq: 24 Mar 2018 09:10

Tgt Ion:276 Resp: 162112

Ion	Ratio	Lower	Upper
276	100		
138	36.4	11.2	16.8#
277	28.7	19.0	28.6#