Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005582.D
Acq On : 10 May 2019 00:36
Operator : JU/SJ
Sample : K2604-10DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: May 10 01:22:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	304953	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1290616	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	784422	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1668559	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1063827	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	1098903	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	547	0.09	ng/uL	0.00
5) Phenol-d5	6.78	99	12993	0.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	7951	0.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	11667	0.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	9393	0.50	ng/ul	0.02
19) Nitrobenzene-d5	8.75	128	5729	0.72	ng/ul	0.02
22) 2-Nitrophenol-d4	9.46	143	4304	0.53	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.03	165	10094	0.55	ng/ul	0.05
29) 4-Chloroaniline-d4	10.48	131	221	0.01	ng/ul	-0.01
43) Dimethylphthalate-d6	13.64	166	43538	0.76	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	57599	0.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	229	0.03	ng/ul	0.02
57) Fluorene-d10	15.23	176	42412	0.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.08	188	61324	0.88	ng/ul	0.00
78) Pyrene-d10	19.40	212	57197	1.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	38246	0.80	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	13.95	152	571788	8.319	ng/ul	99
49) Acenaphthene	14.29	153	64728	1.379	ng/ul	96
58) Fluorene	15.28	166	363812	6.901	ng/ul	98
69) Phenanthrene	17.03	178	2422733	29.814	ng/ul	100
71) Anthracene	17.12	178	1040897	12.574	ng/ul	98
76) Fluoranthene	19.06	202	2744971	30.454	ng/ul	96
79) Pyrene	19.43	202	3959967	57.813	ng/ul#	95
82) Benzo(a)anthracene	21.25	228	975373	14.738	ng/ul	96
84) Chrysene	21.25	228	975373	15.880	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	737424	11.938	ng/ul	97
88) Benzo(k)fluoranthene	22.77	252	737424	12.500	ng/ul	97
90) Benzo(a)pyrene	23.33	252	742815	12.793	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.62	276	328227	5.113	ng/ul#	93
92) Dibenzo(a,h)anthracene	25.62	278	95528	1.753	ng/ul	94
93) Benzo(g,h,i)perylene	26.28	276	327964	6.179	ng/ul#	93

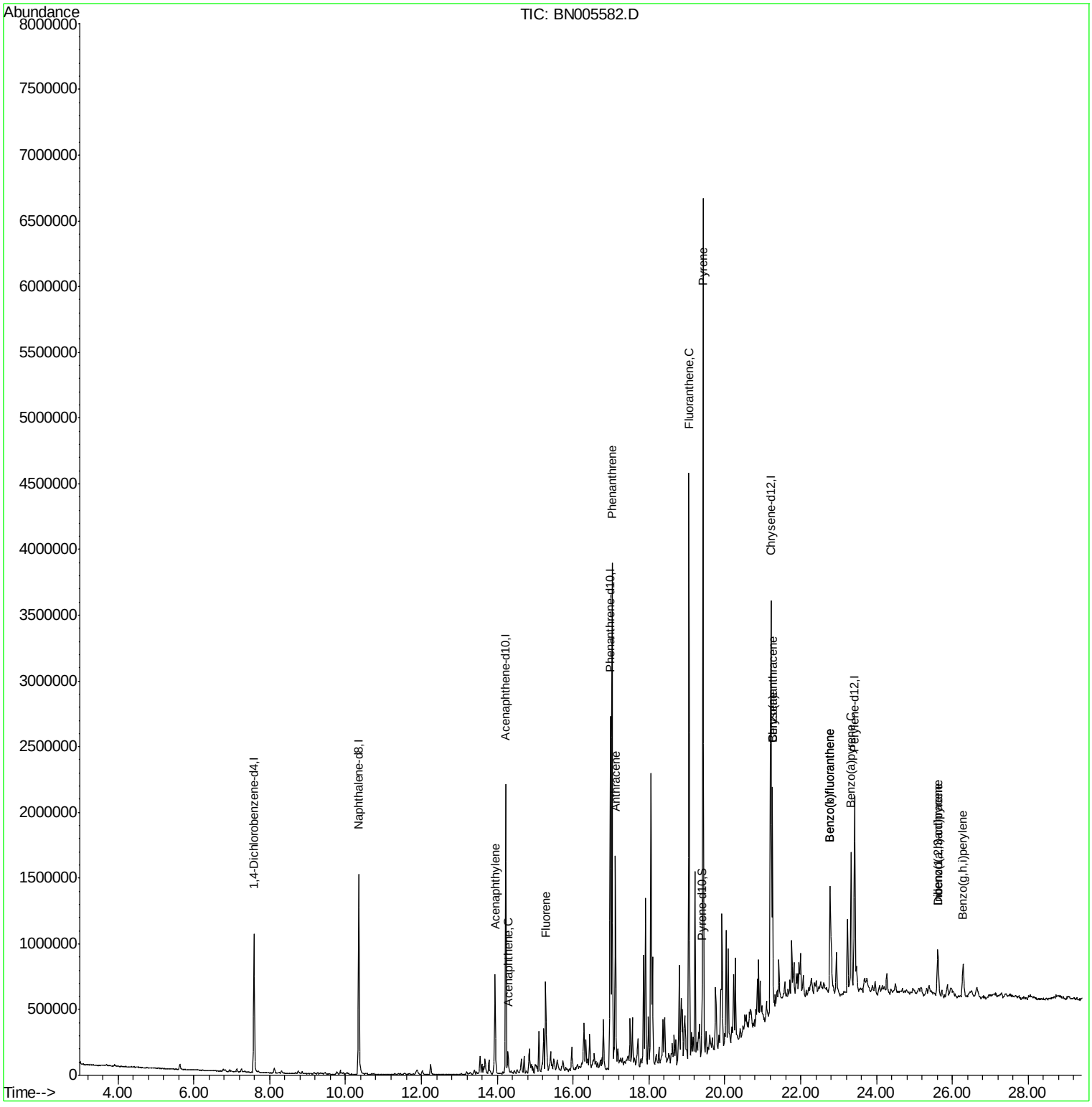
(#) = qualifier out of range (m) = manual integration (+) = signals summed

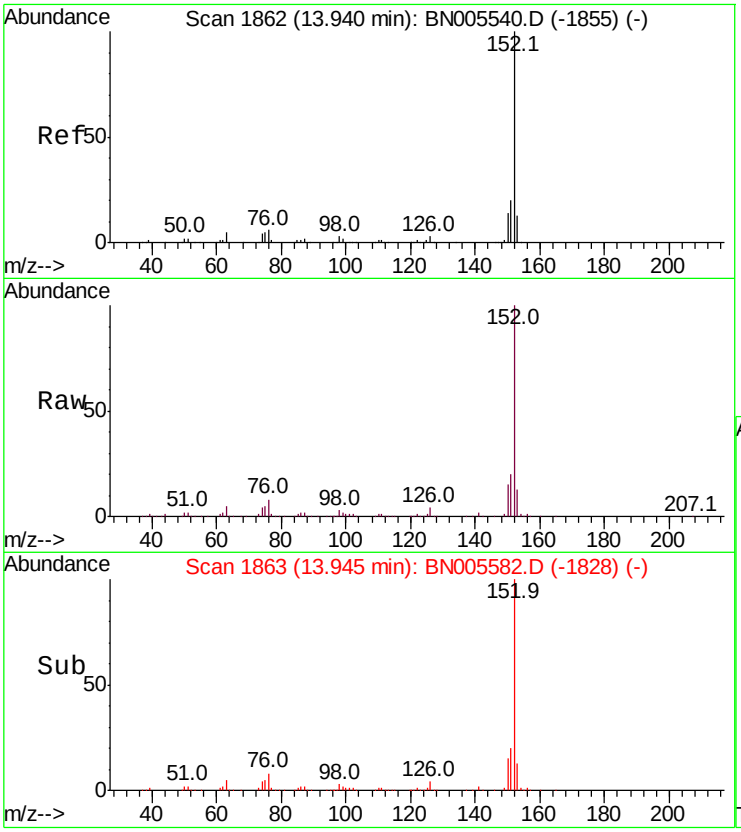
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005582.D
Acq On : 10 May 2019 00:36
Operator : JU/SJ
Sample : K2604-10DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 10 01:22:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration



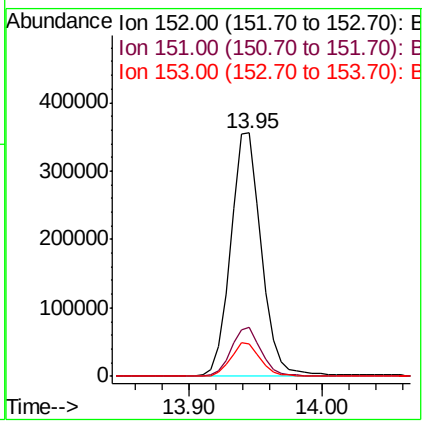


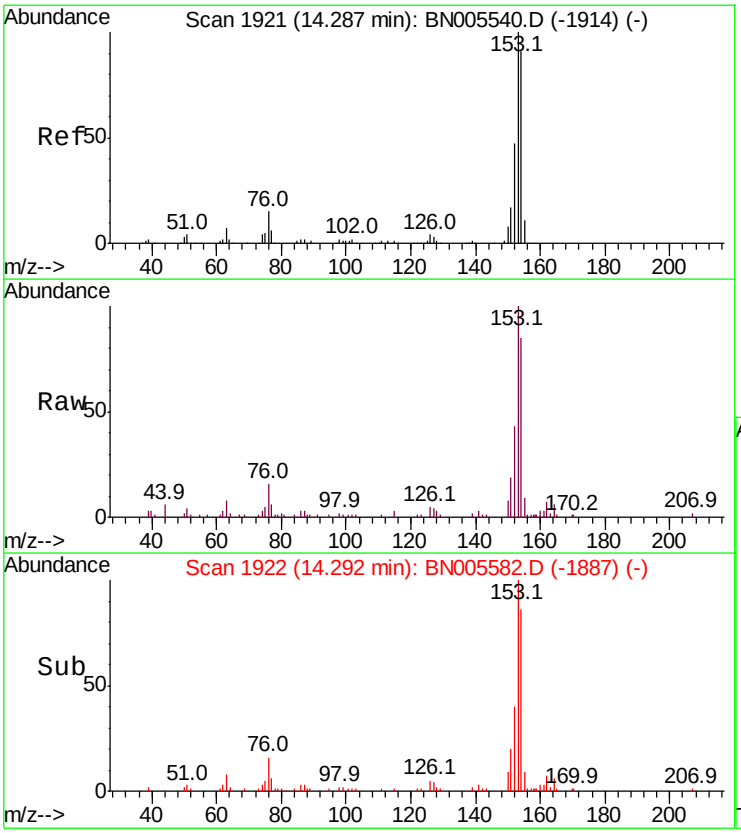
#47
Acenaphthylene
Concen: 8.319 ng/ul
RT: 13.95 min Scan# 1863
Delta R.T. 0.01 min
Lab File: BN005582.D
Acq: 10 May 2019 00:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 571788

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.4	9.8	14.8

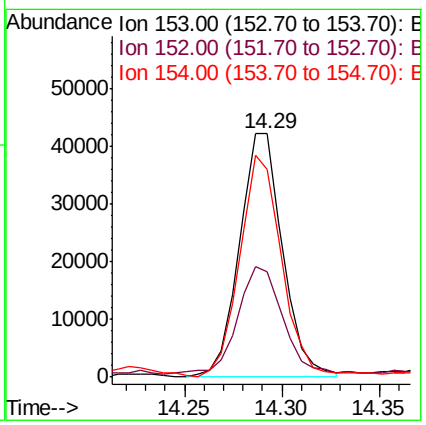


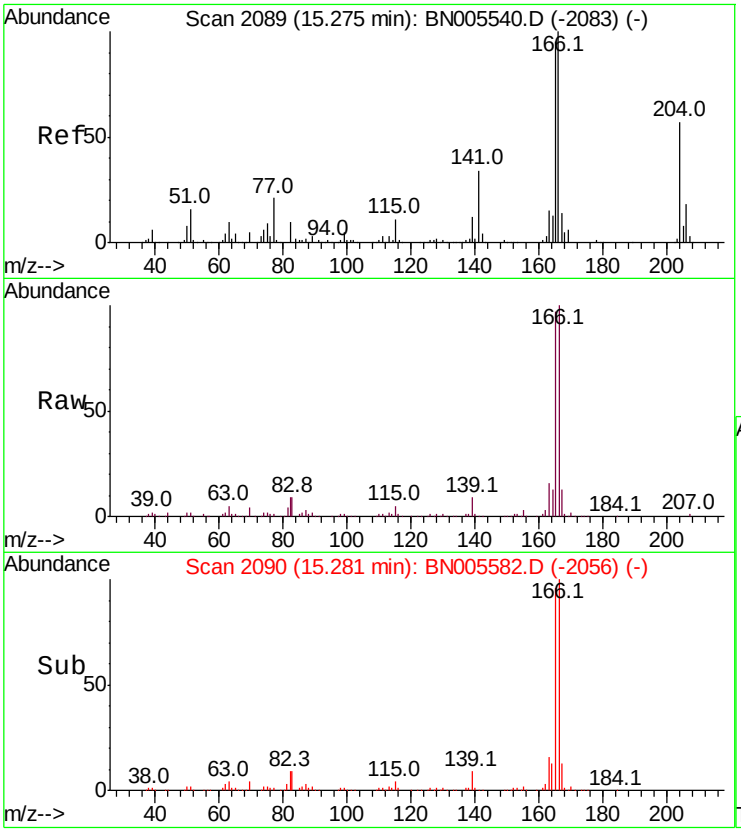


#49
Acenaphthene
Concen: 1.379 ng/ul
RT: 14.29 min Scan# 1922
Delta R.T. 0.01 min
Lab File: BN005582.D
Acq: 10 May 2019 00:36

Tgt Ion:153 Resp: 64728

Ion	Ratio	Lower	Upper
153	100		
152	43.4	37.4	56.0
154	85.1	71.2	106.8



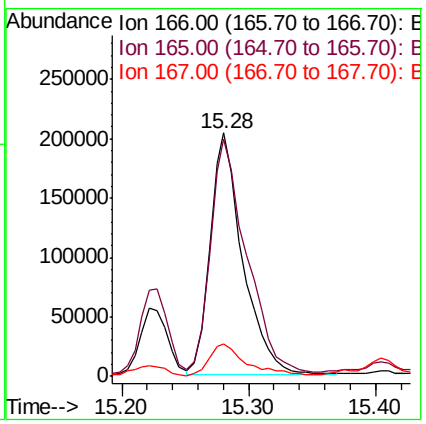


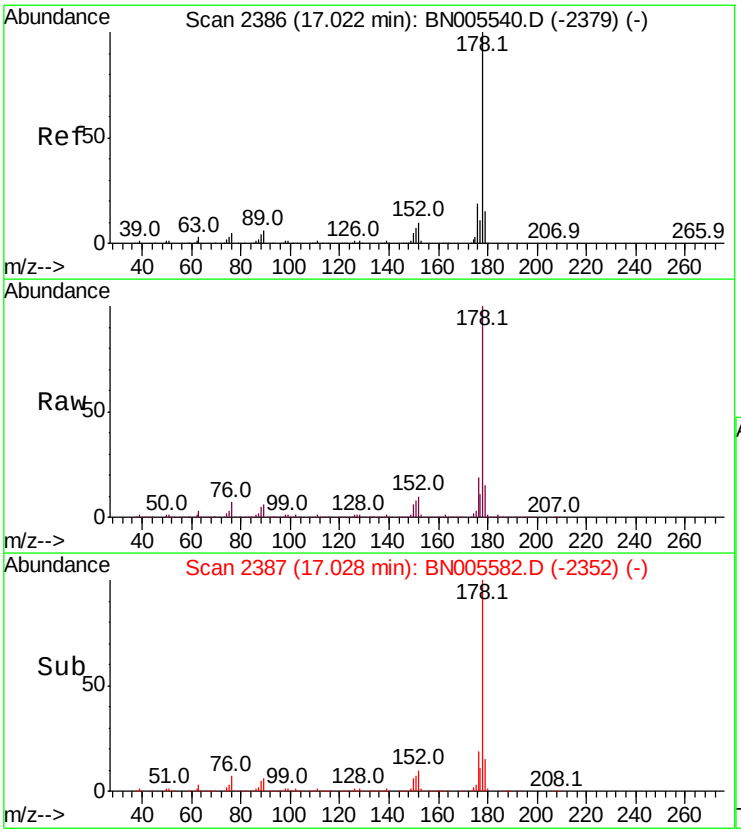
#58
Fluorene
Concen: 6.901 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BN005582.D
Acq: 10 May 2019 00:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 363812

Ion	Ratio	Lower	Upper
166	100		
165	97.4	80.0	120.0
167	13.3	10.7	16.1

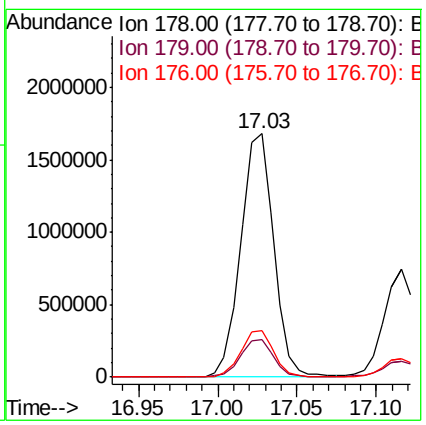


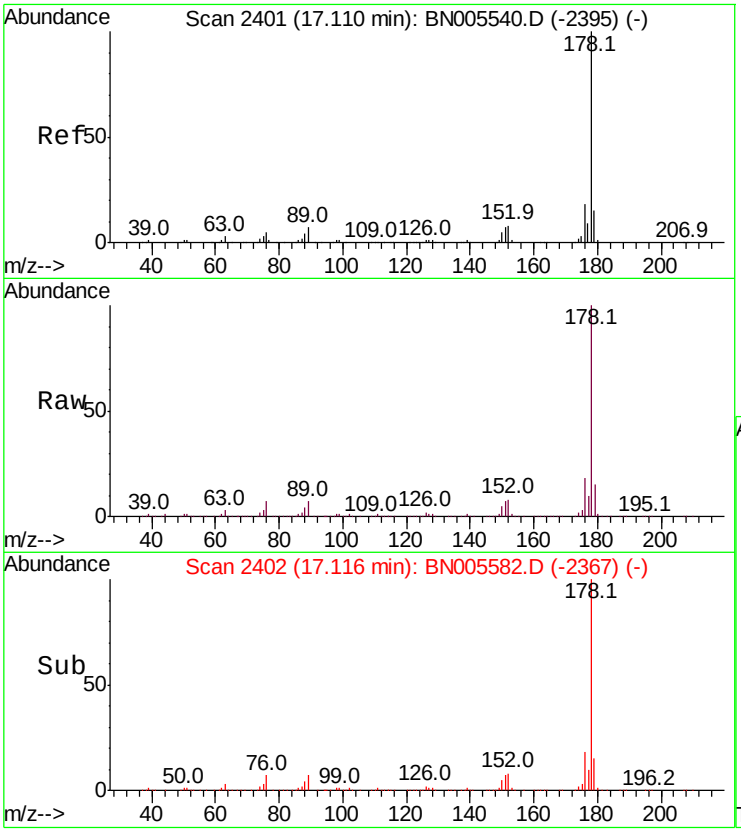


#69
Phenanthrene
Concen: 29.814 ng/ul
RT: 17.03 min Scan# 2387
Delta R.T. 0.01 min
Lab File: BN005582.D
Acq: 10 May 2019 00:36

Tgt Ion:178 Resp: 2422733

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	19.0	15.1	22.7



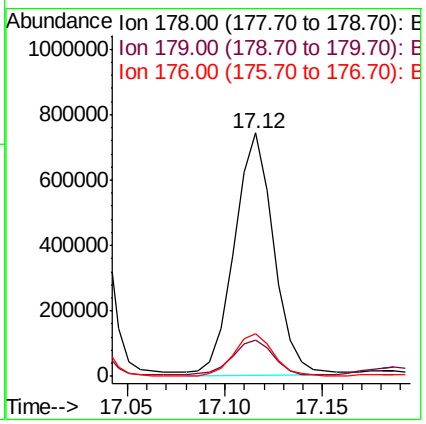


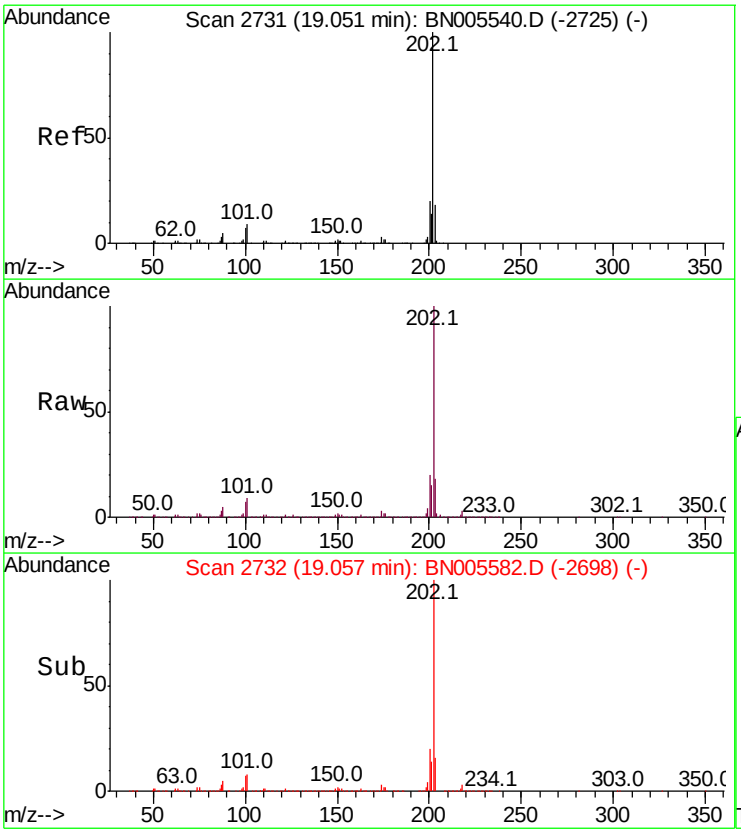
#71
Anthracene
Concen: 12.574 ng/ul
RT: 17.12 min Scan# 2402
Delta R.T. 0.01 min
Lab File: BN005582.D
Acq: 10 May 2019 00:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 1040897

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	17.6	15.1	22.7

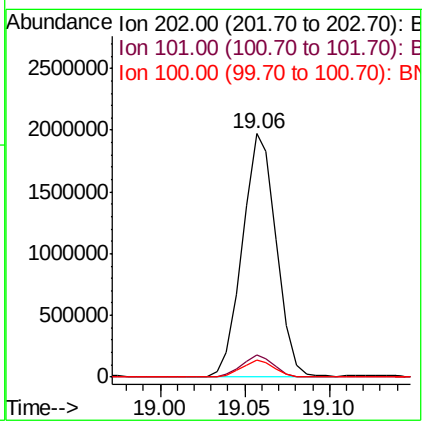


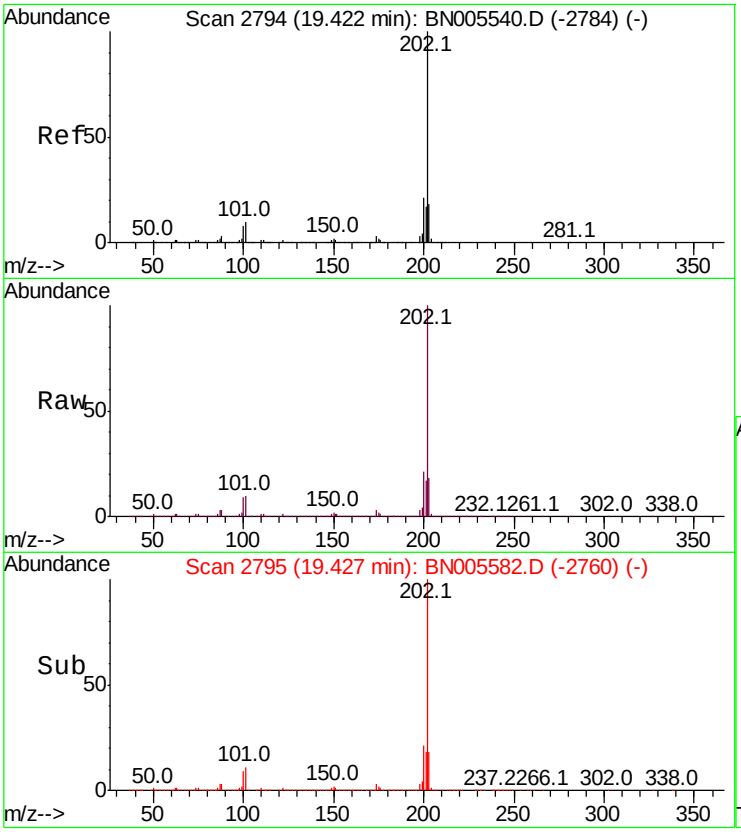


#76
Fluoranthene
Concen: 30.454 ng/ul
RT: 19.06 min Scan# 2732
Delta R.T. -0.00 min
Lab File: BN005582.D
Acq: 10 May 2019 00:36

Tgt Ion:202 Resp: 2744971

Ion	Ratio	Lower	Upper
202	100		
101	9.1	8.6	12.8
100	6.8	6.3	9.5



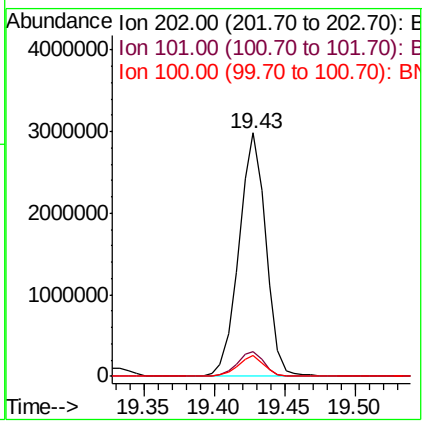


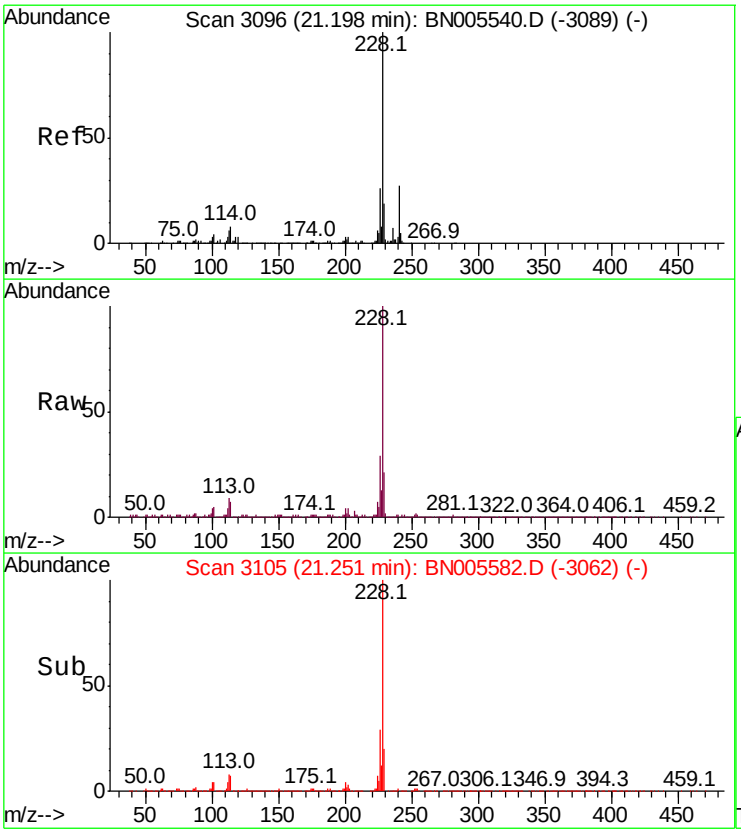
#79
Pyrene
Concen: 57.813 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.01 min
Lab File: BN005582.D
Acq: 10 May 2019 00:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 3959967

Ion	Ratio	Lower	Upper
202	100		
101	10.2	10.3	15.5#
100	8.5	7.9	11.9

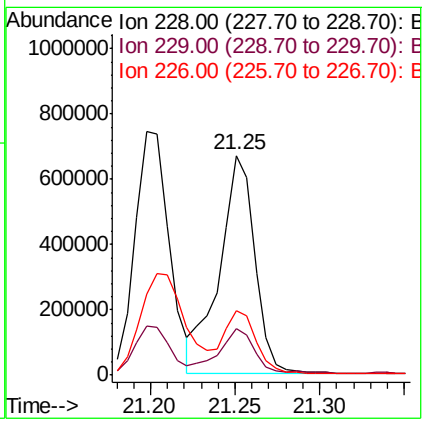


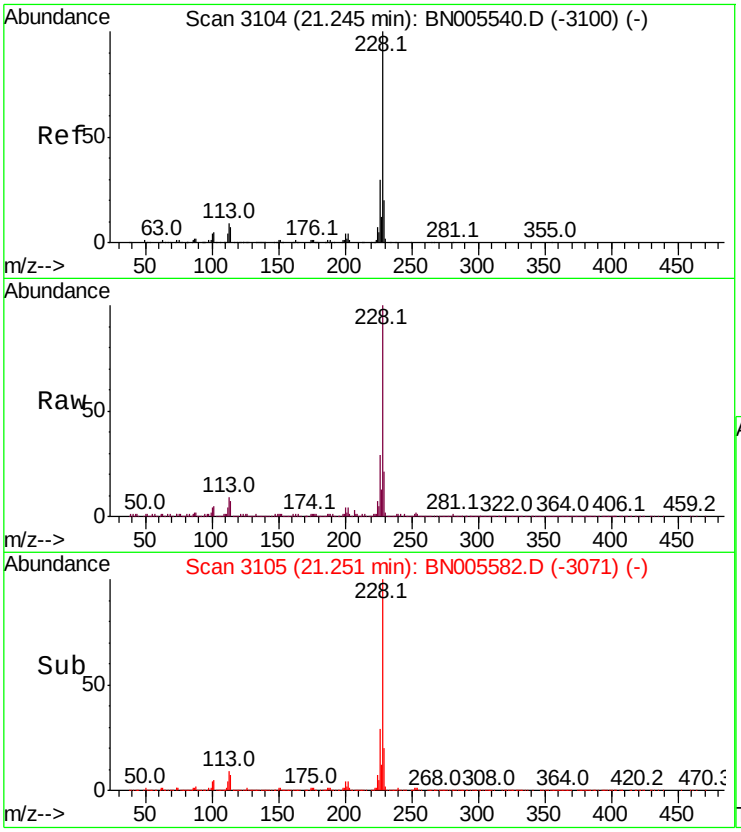


#82
Benzo(a)anthracene
Concen: 14.738 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. 0.05 min
Lab File: BN005582.D
Acq: 10 May 2019 00:36

Tgt Ion:228 Resp: 975373

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.6
226	29.2	21.4	32.2



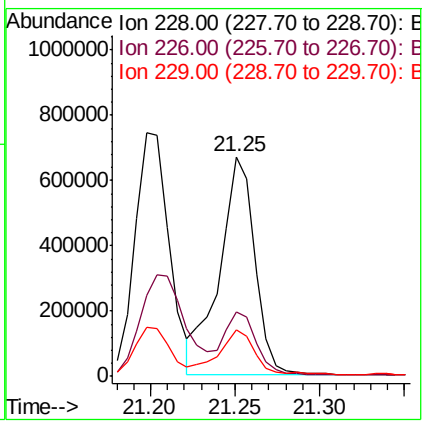


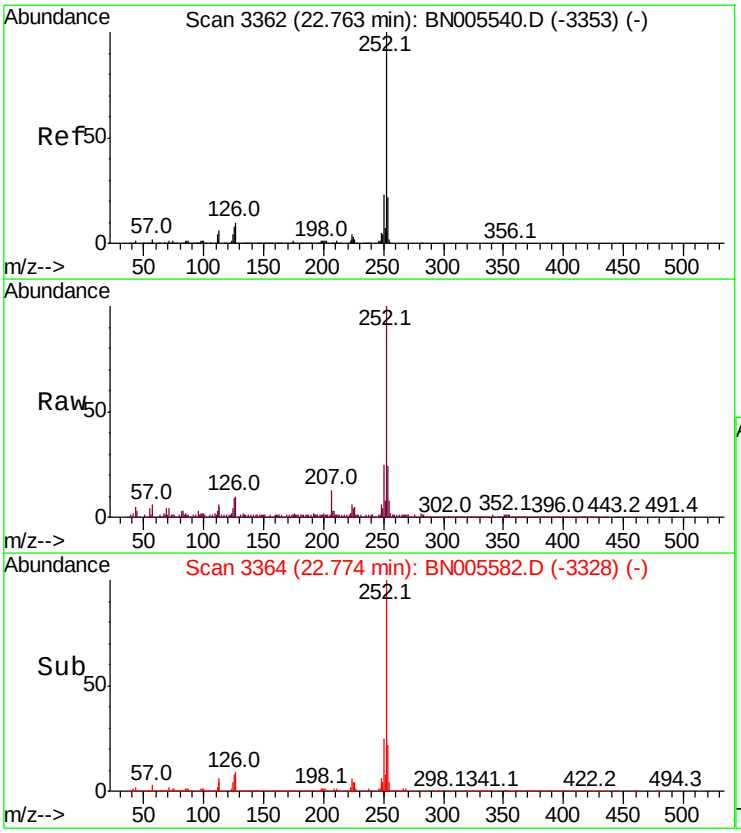
#84
Chrysene
Concen: 15.880 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN005582.D
Acq: 10 May 2019 00:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 975373

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	21.0	15.4	23.0

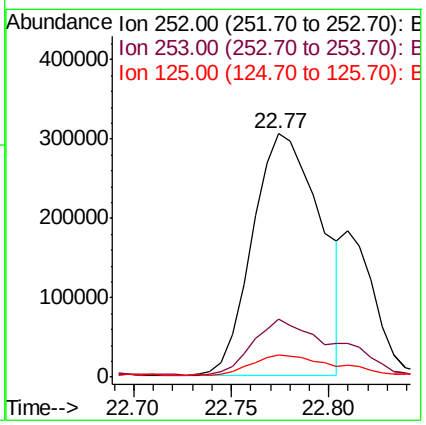


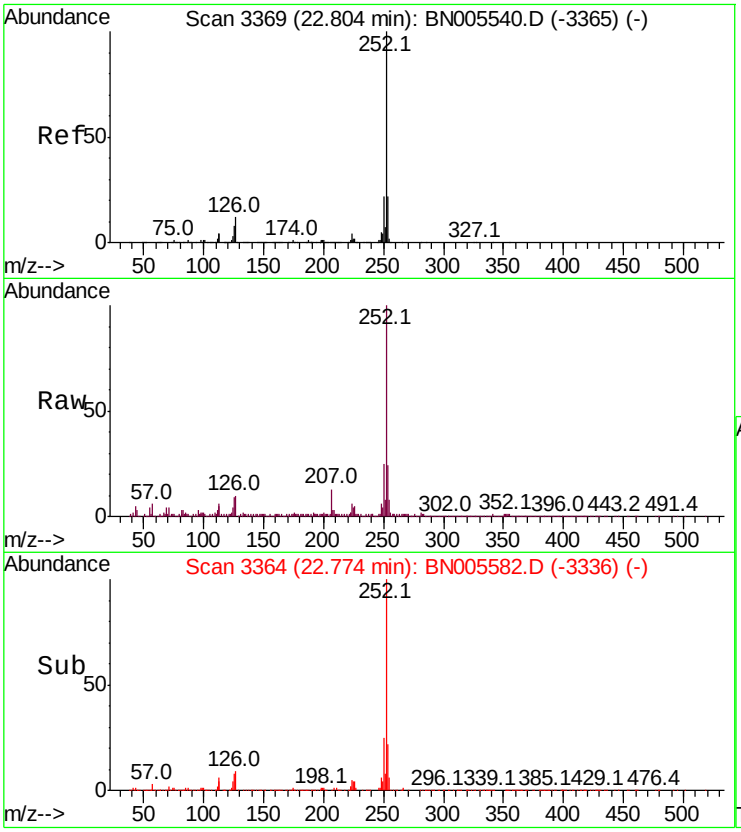


#87
Benzo(b)fluoranthene
Concen: 11.938 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BN005582.D
Acq: 10 May 2019 00:36

Tgt Ion:252 Resp: 737424

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	9.1	8.4	12.6



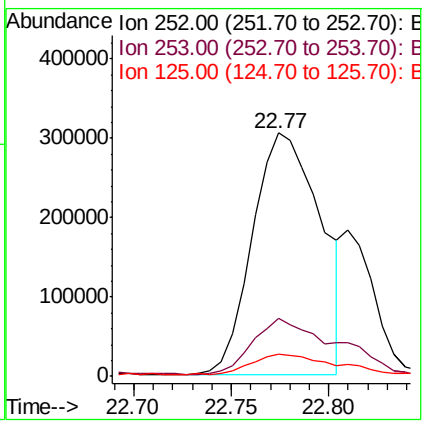


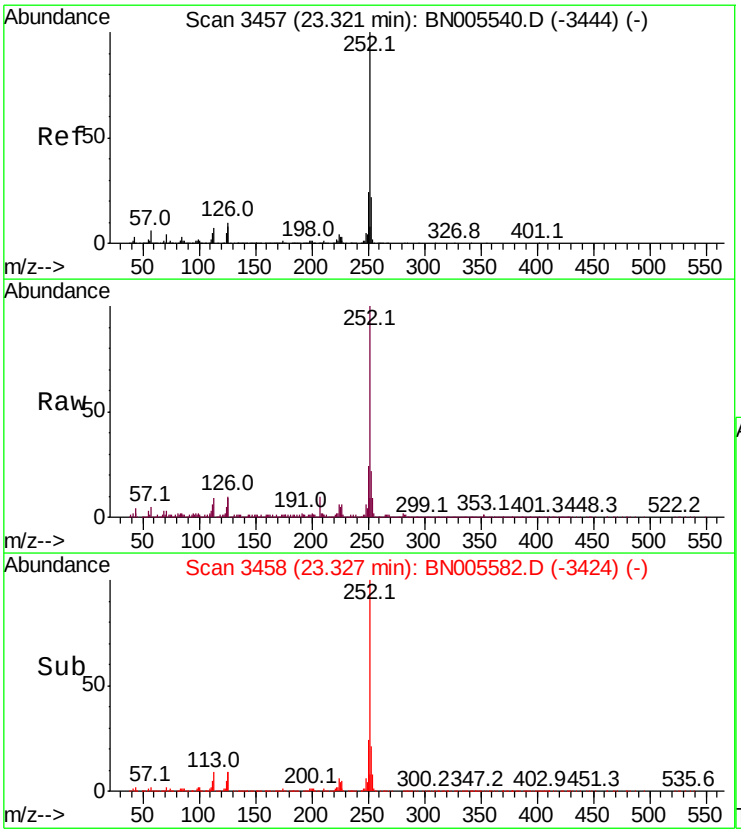
#88
Benzo(k)fluoranthene
Concen: 12.500 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. -0.04 min
Lab File: BN005582.D
Acq: 10 May 2019 00:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 737424

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	9.1	7.5	11.3

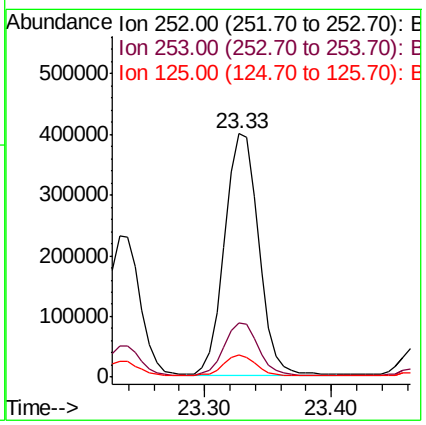


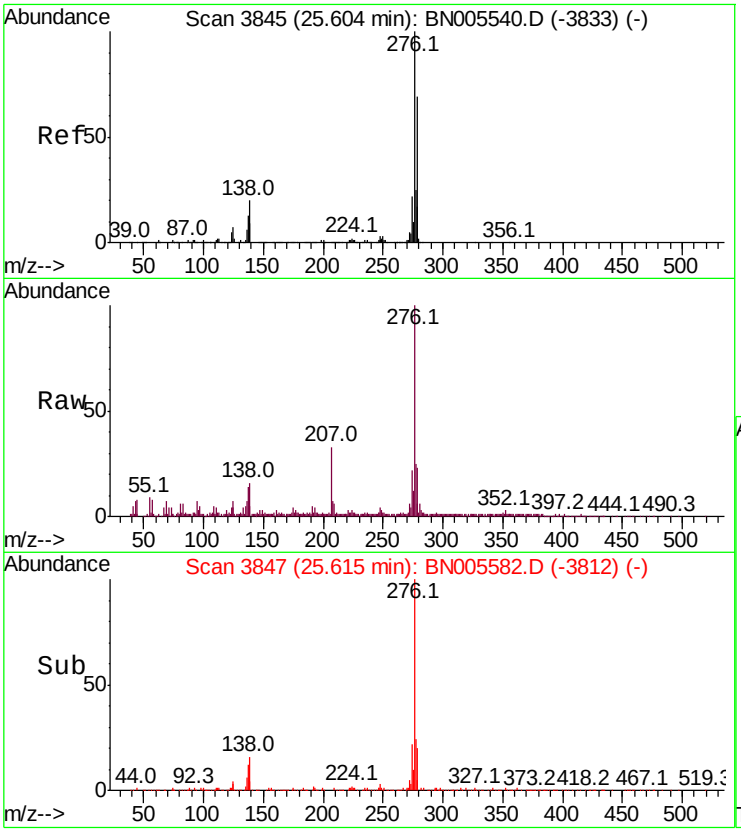


#90
Benzo(a)pyrene
Concen: 12.793 ng/ul
RT: 23.33 min Scan# 3458
Delta R.T. -0.00 min
Lab File: BN005582.D
Acq: 10 May 2019 00:36

Tgt Ion:252 Resp: 742815

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	9.1	8.6	13.0



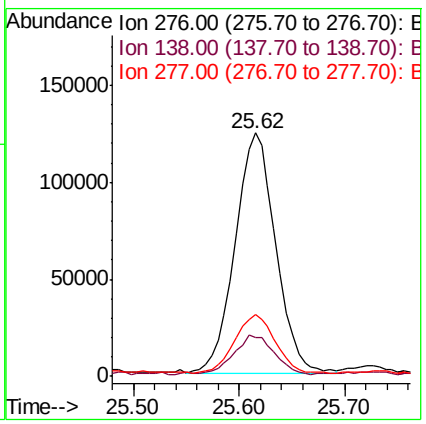


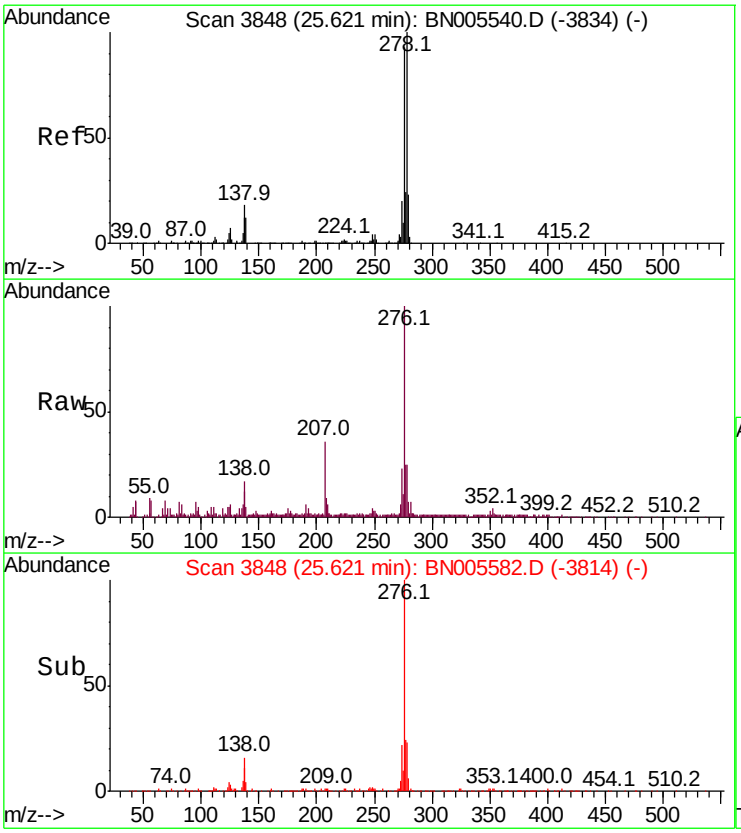
#91
Indeno(1,2,3-cd)pyrene
Concen: 5.113 ng/ul
RT: 25.62 min Scan# 3847
Delta R.T. 0.01 min
Lab File: BN005582.D
Acq: 10 May 2019 00:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 328227

Ion	Ratio	Lower	Upper
276	100		
138	16.0	17.9	26.9#
277	25.2	19.7	29.5

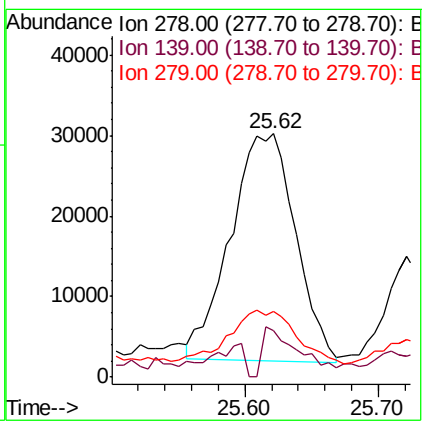


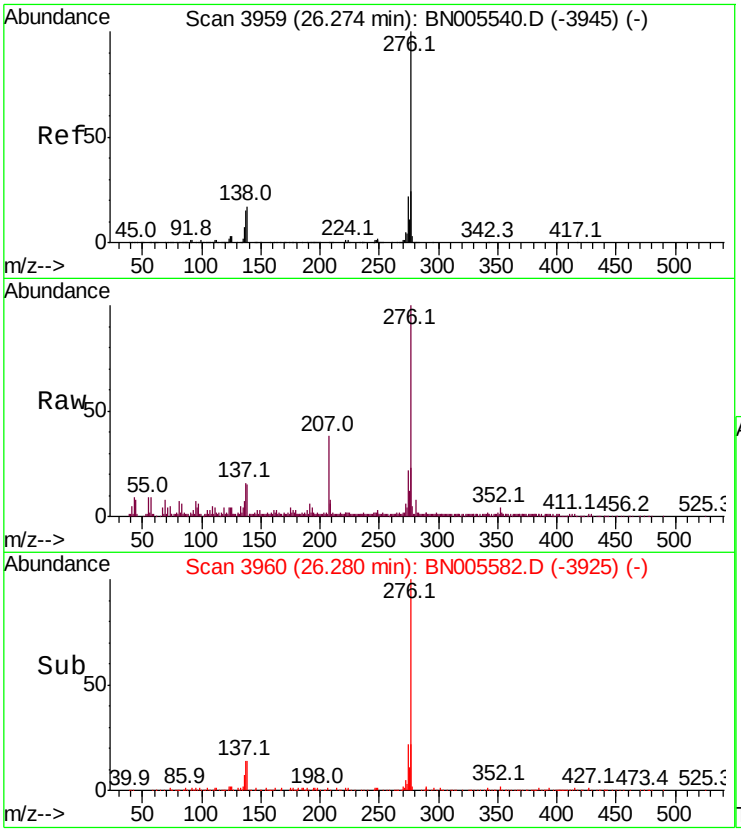


#92
Dibenzo(a,h)anthracene
Concen: 1.753 ng/ul
RT: 25.62 min Scan# 3848
Delta R.T. -0.00 min
Lab File: BN005582.D
Acq: 10 May 2019 00:36

Tgt Ion:278 Resp: 95528

Ion	Ratio	Lower	Upper
278	100		
139	19.0	13.1	19.7
279	27.2	19.4	29.0





#93
Benzo(g,h,i)perylene
Concen: 6.179 ng/ul
RT: 26.28 min Scan# 3960
Delta R.T. 0.01 min
Lab File: BN005582.D
Acq: 10 May 2019 00:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 327964

Ion	Ratio	Lower	Upper
276	100		
138	14.9	16.7	25.1#
277	23.3	18.2	27.2