Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
Data File : BN006058.D
Acq On : 04 Jun 2019 04:40
Operator : JU/SJ
Sample : K2928-13DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jun 04 05:53:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 04 04:16:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	386831	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	1447514	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	731528	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1433128	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	1200805	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	1509644	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	18759	2.26	ng/uL	0.01
5) Phenol-d5	6.90	99	299205	9.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	188901	10.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	255519	10.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	205574	8.04	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	118432	11.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	114969	9.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	211870	10.08	ng/ul	0.01
29) 4-Chloroaniline-d4	10.66	131	131488	5.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	624076	12.06	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	776770	11.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	58701	6.14	ng/ul	0.01
57) Fluorene-d10	15.38	176	511937	11.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	8848	1.27	ng/ul	0.01
70) Anthracene-d10	17.24	188	731363	12.18	ng/ul	0.00
78) Pyrene-d10	19.55	212	731168	10.67	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	750487	11.19	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.84	163	231176	4.513	ng/ul	100
47) Acenaphthylene	14.11	152	228096	3.487	ng/ul	99
58) Fluorene	15.44	166	61836	1.279	ng/ul#	95
69) Phenanthrene	17.18	178	1318542	18.960	ng/ul	100
71) Anthracene	17.28	178	438060	6.203	ng/ul	99
74) Carbazole	17.55	167	80950	1.333	ng/ul	93
76) Fluoranthene	19.21	202	3871362	57.201	ng/ul	100
79) Pyrene	19.58	202	4267117	49.304	ng/ul	97
82) Benzo(a)anthracene	21.34	228	2451830	33.045	ng/ul	96
84) Chrysene	21.39	228	2606909	37.135	ng/ul	98
87) Benzo(b)fluoranthene	22.96	252	2840327	34.112	ng/ul	97
88) Benzo(k)fluoranthene	22.96	252	2840327	35.202	ng/ul	97
90) Benzo(a)pyrene	23.55	252	2207938	27.889	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.96	276	1471055	16.140	ng/ul	95
92) Dibenzo(a,h)anthracene	25.96	278	433827	5.646	ng/ul#	92
93) Benzo(g,h,i)perylene	26.66	276	1098179	14.639	ng/ul	98

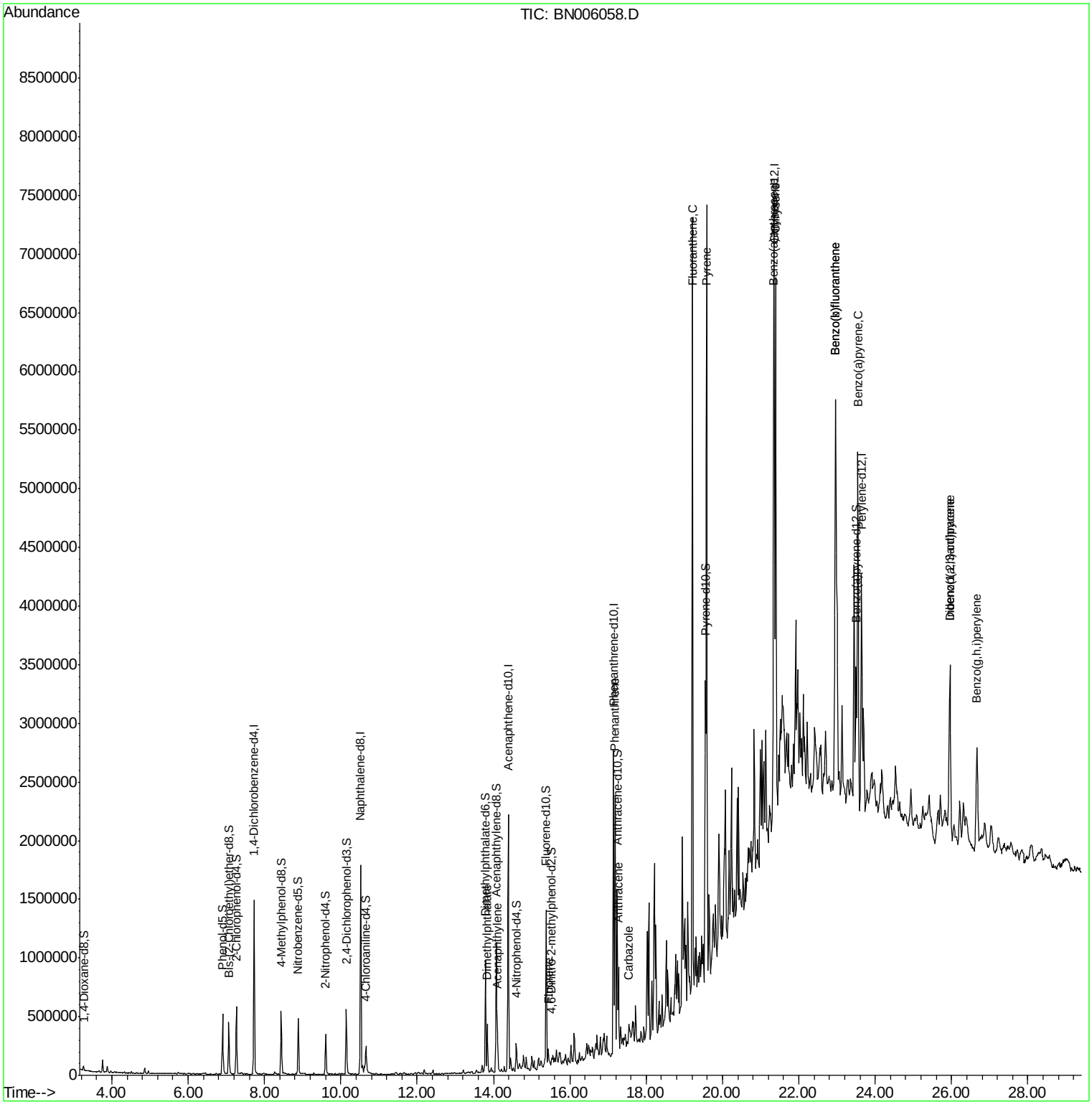
(#) = qualifier out of range (m) = manual integration (+) = signals summed

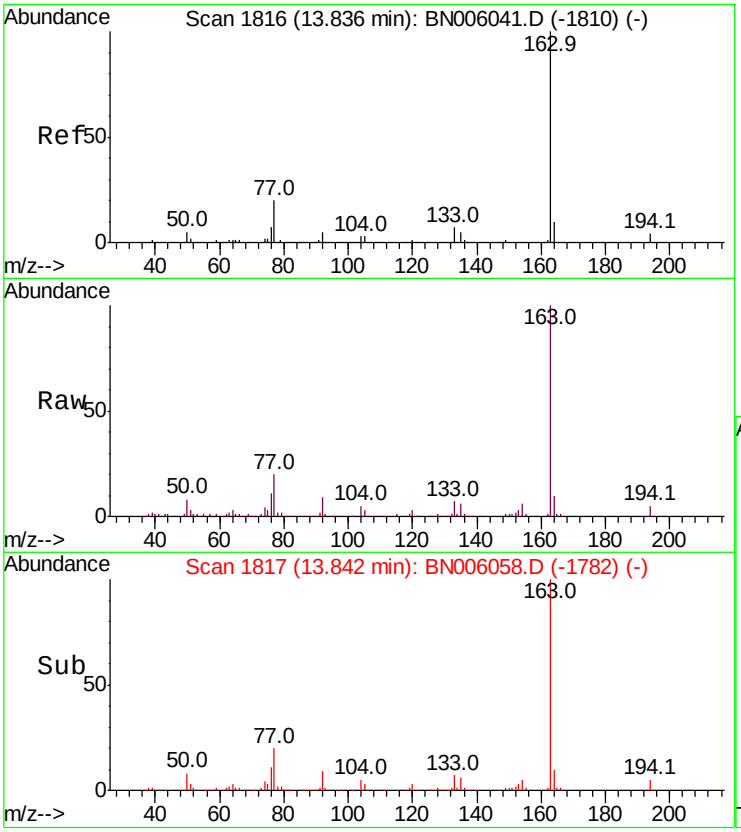
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
Data File : BN006058.D
Acq On : 04 Jun 2019 04:40
Operator : JU/SJ
Sample : K2928-13DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 04 05:53:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 04 04:16:41 2019
Response via : Initial Calibration



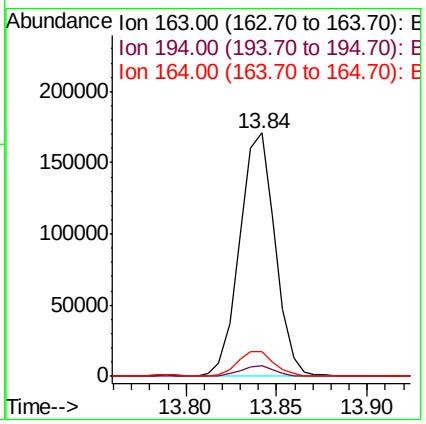


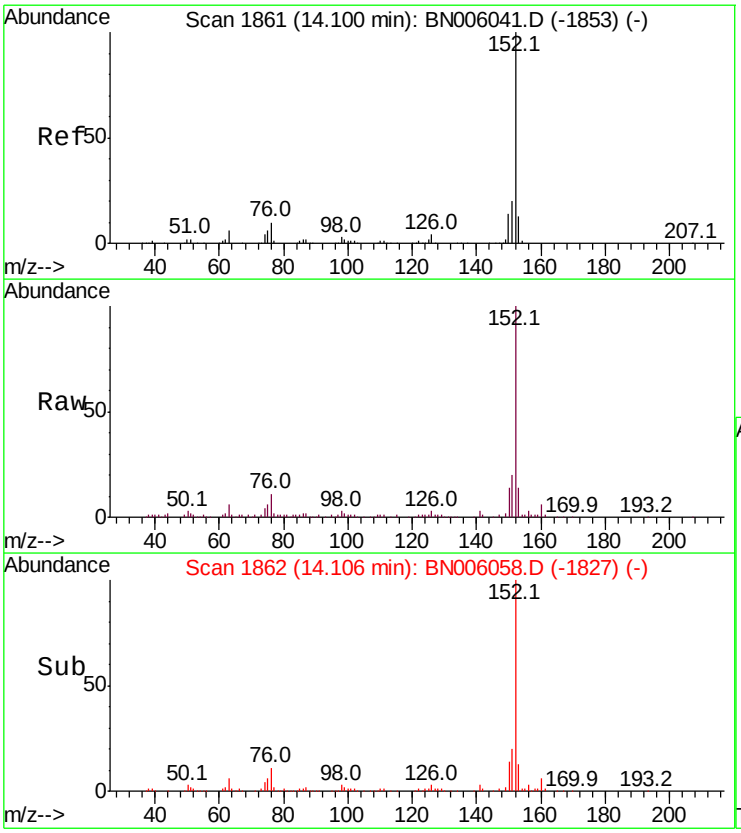
#44
Dimethylphthalate
Concen: 4.513 ng/ul
RT: 13.84 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BN006058.D
Acq: 04 Jun 2019 04:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:163 Resp: 231176

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.3	8.2	12.4

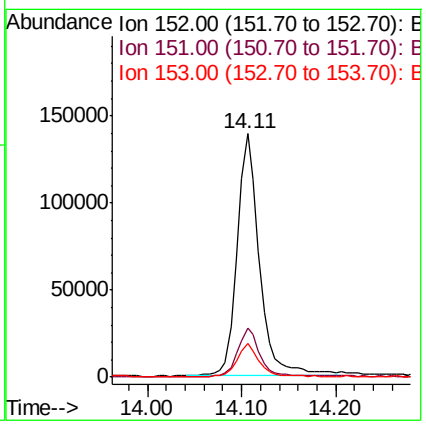


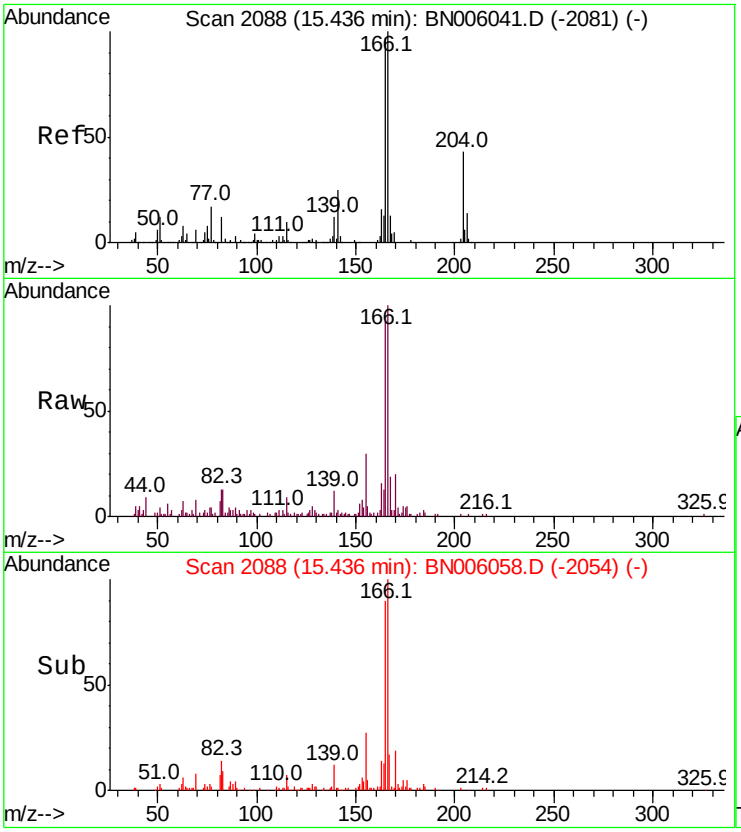


#47
Acenaphthylene
Concen: 3.487 ng/ul
RT: 14.11 min Scan# 1862
Delta R.T. 0.01 min
Lab File: BN006058.D
Acq: 04 Jun 2019 04:40

Tgt Ion:152 Resp: 228096

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.2
153	13.7	10.5	15.7



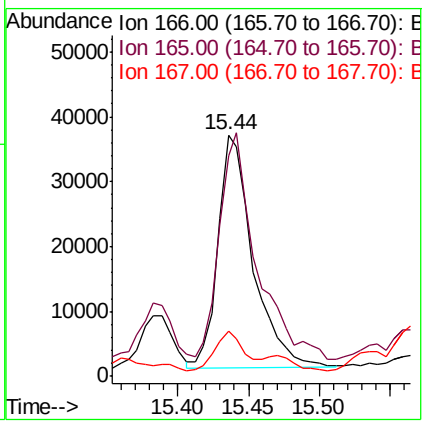


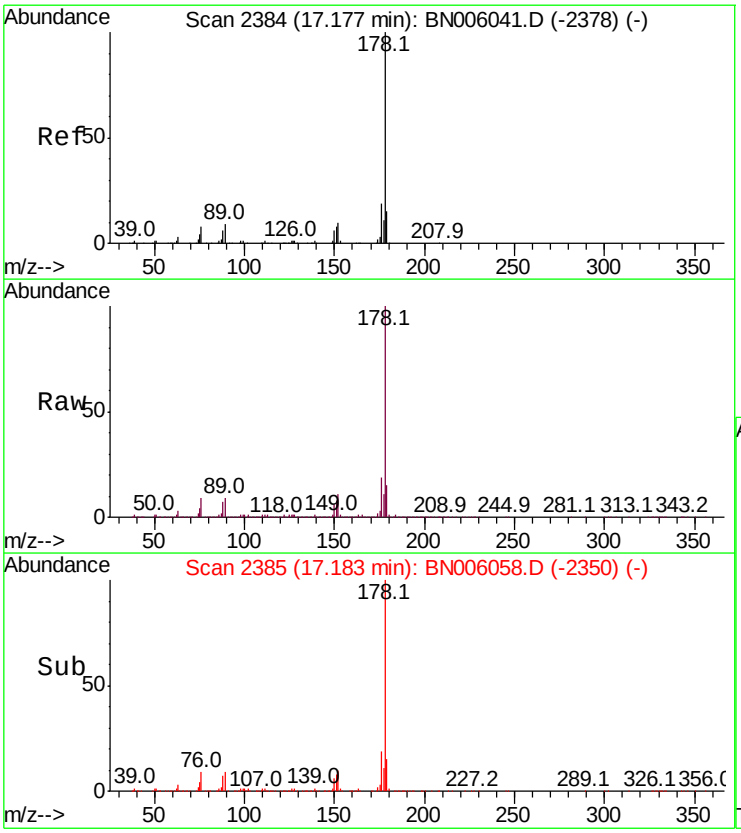
#58
Fluorene
Concen: 1.279 ng/ul
RT: 15.44 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BN006058.D
Acq: 04 Jun 2019 04:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 61836

Ion	Ratio	Lower	Upper
166	100		
165	91.5	76.6	115.0
167	18.7	10.8	16.2#

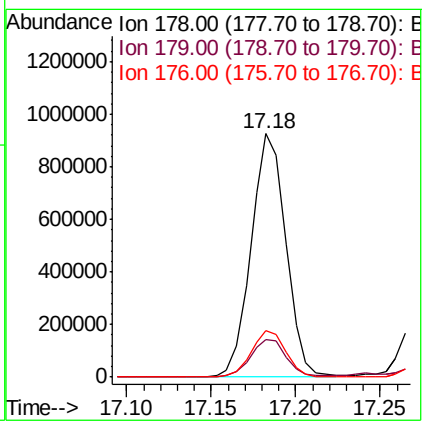


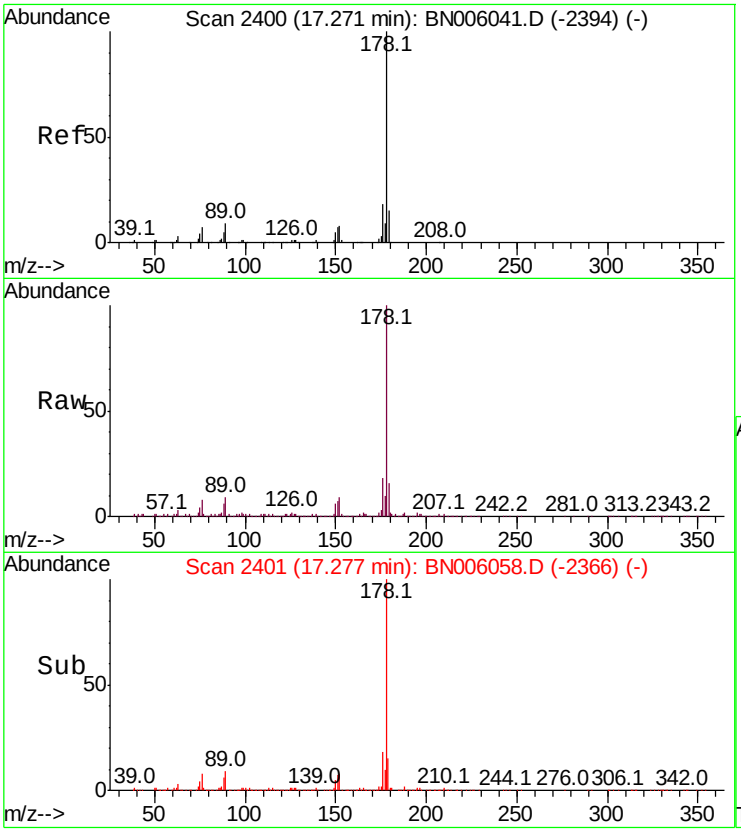


#69
Phenanthrene
Concen: 18.960 ng/ul
RT: 17.18 min Scan# 2385
Delta R.T. 0.01 min
Lab File: BN006058.D
Acq: 04 Jun 2019 04:40

Tgt Ion:178 Resp: 1318542

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.9	15.0	22.4



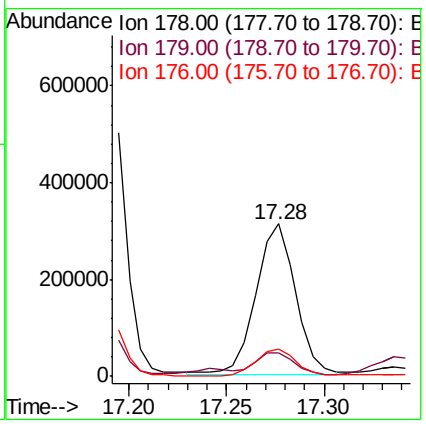


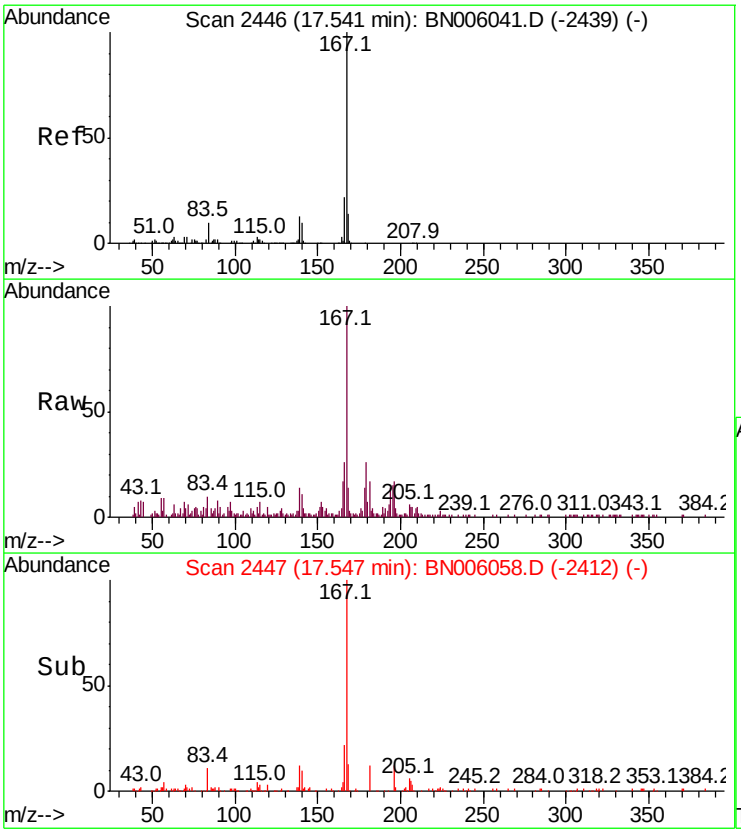
#71
Anthracene
Concen: 6.203 ng/ul
RT: 17.28 min Scan# 2401
Delta R.T. 0.01 min
Lab File: BN006058.D
Acq: 04 Jun 2019 04:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 438060

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	18.1	14.8	22.2

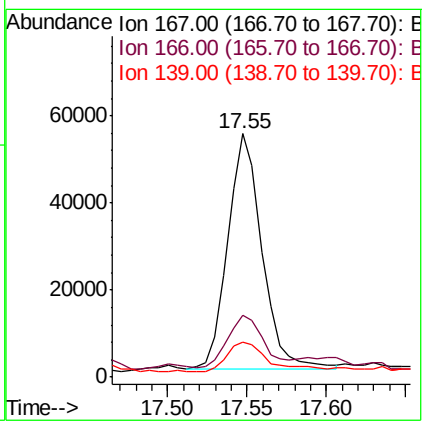


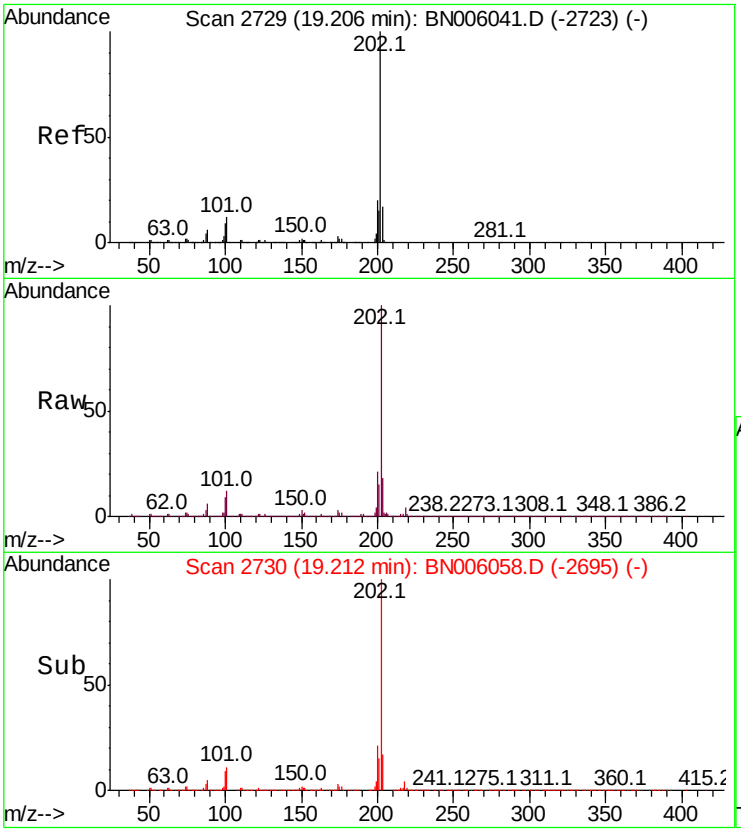


#74
Carbazole
Concen: 1.333 ng/ul
RT: 17.55 min Scan# 2447
Delta R.T. 0.01 min
Lab File: BN006058.D
Acq: 04 Jun 2019 04:40

Tgt Ion:167 Resp: 80950

Ion	Ratio	Lower	Upper
167	100		
166	25.6	17.0	25.6
139	14.1	10.4	15.6



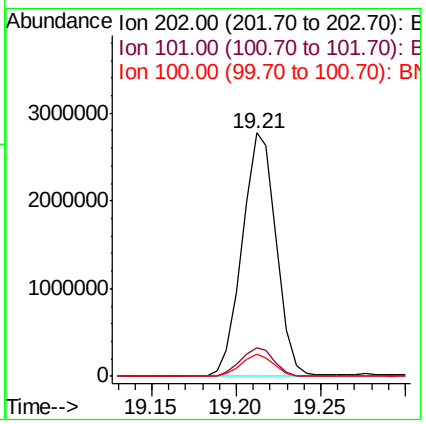


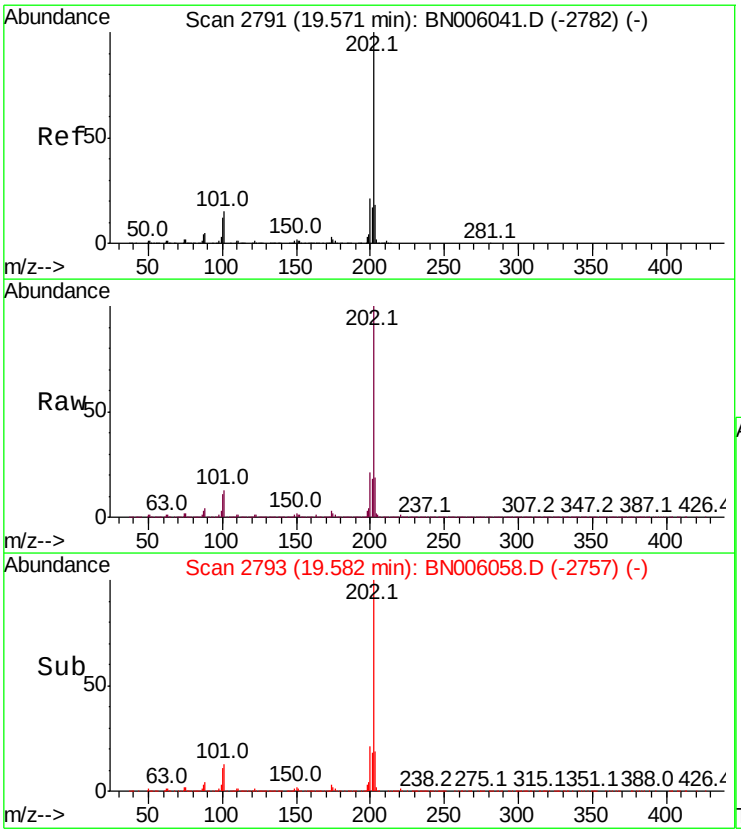
#76
Fluoranthene
Concen: 57.201 ng/ul
RT: 19.21 min Scan# 2730
Delta R.T. 0.01 min
Lab File: BN006058.D
Acq: 04 Jun 2019 04:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 3871362

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.6	14.4
100	8.9	7.1	10.7

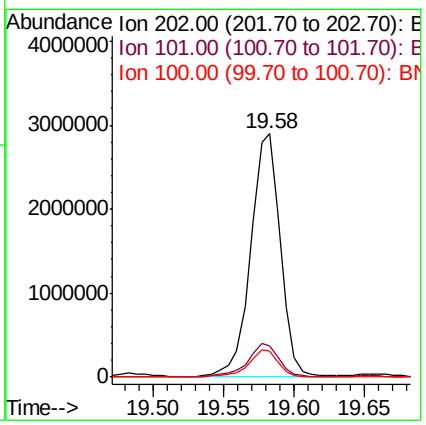


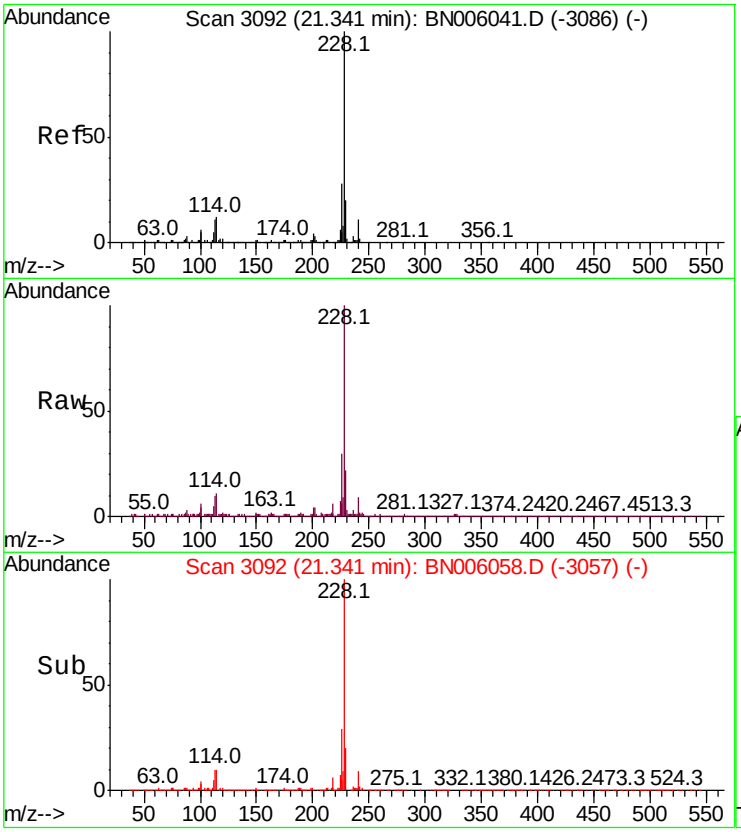


#79
Pyrene
Concen: 49.304 ng/ul
RT: 19.58 min Scan# 2793
Delta R.T. 0.01 min
Lab File: BN006058.D
Acq: 04 Jun 2019 04:40

Tgt Ion:202 Resp: 4267117

Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.6	17.4
100	10.6	9.4	14.2



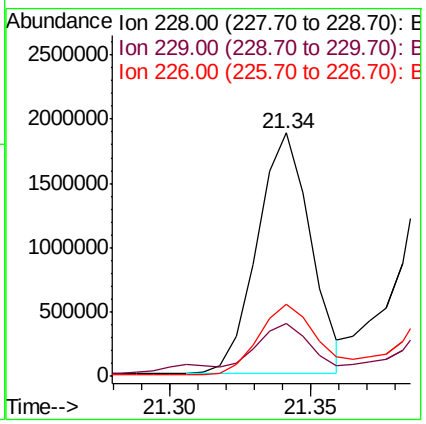


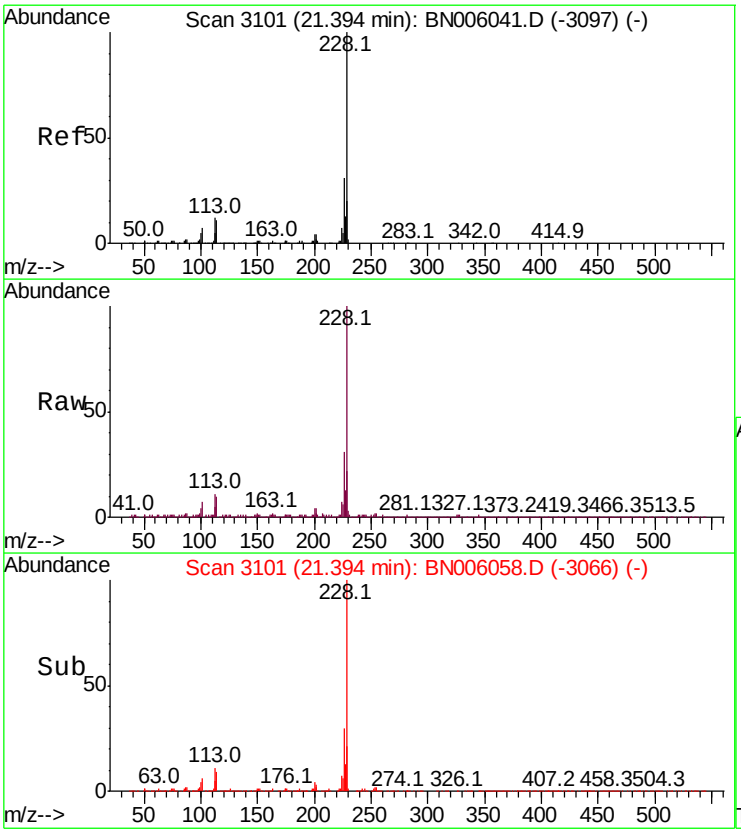
#82
Benzo(a)anthracene
Concen: 33.045 ng/ul
RT: 21.34 min Scan# 3092
Delta R.T. 0.01 min
Lab File: BN006058.D
Acq: 04 Jun 2019 04:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 2451830

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.8	23.8
226	29.6	21.6	32.4

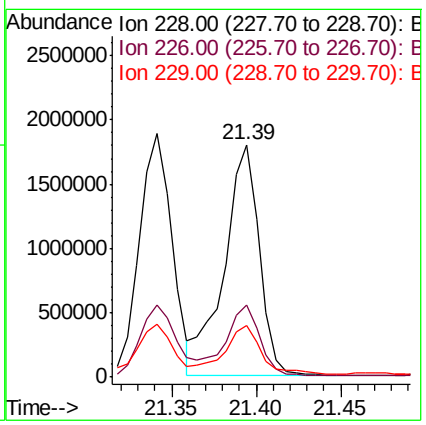


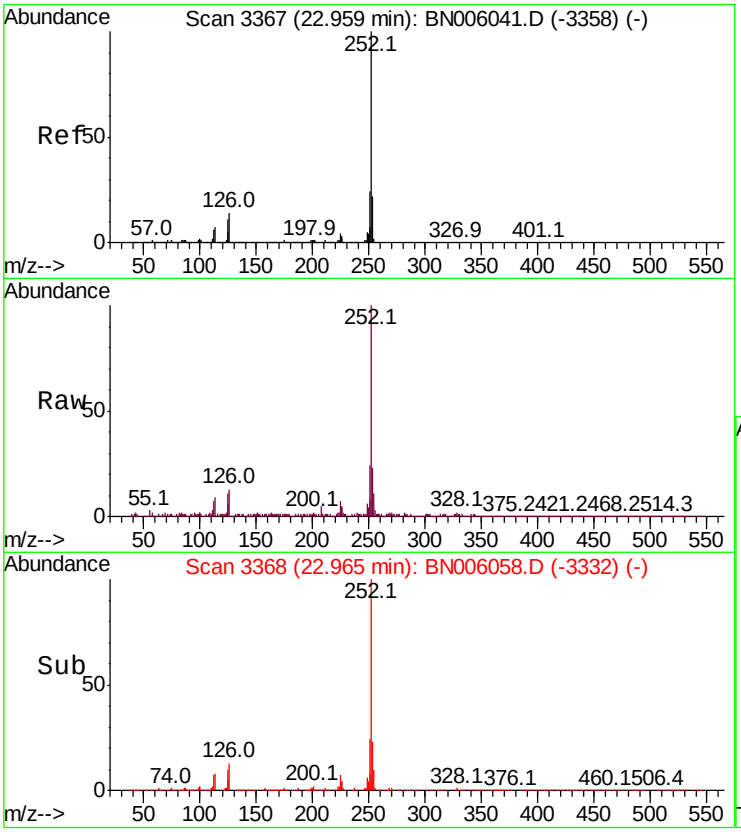


#84
Chrysene
Concen: 37.135 ng/ul
RT: 21.39 min Scan# 3101
Delta R.T. 0.01 min
Lab File: BN006058.D
Acq: 04 Jun 2019 04:40

Tgt Ion:228 Resp: 2606909

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.4
229	22.0	16.3	24.5



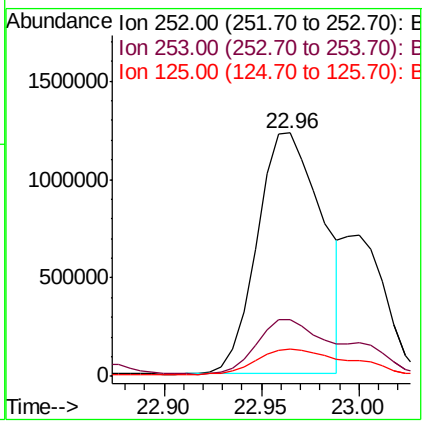


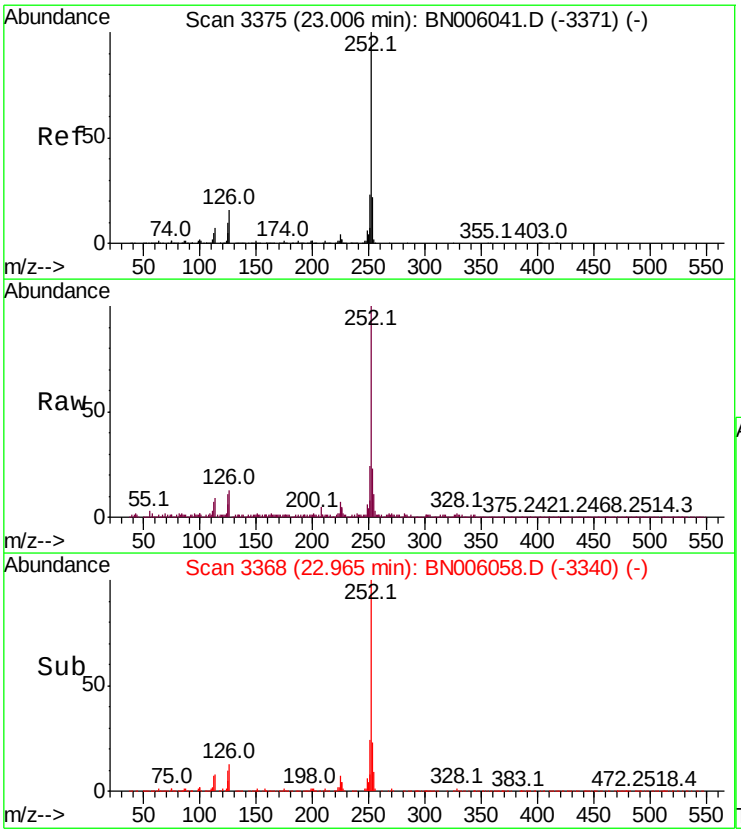
#87
Benzo(b)fluoranthene
Concen: 34.112 ng/ul
RT: 22.96 min Scan# 3368
Delta R.T. 0.01 min
Lab File: BN006058.D
Acq: 04 Jun 2019 04:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 2840327

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	11.0	8.5	12.7

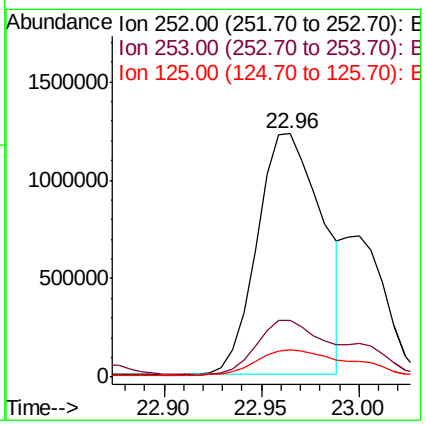


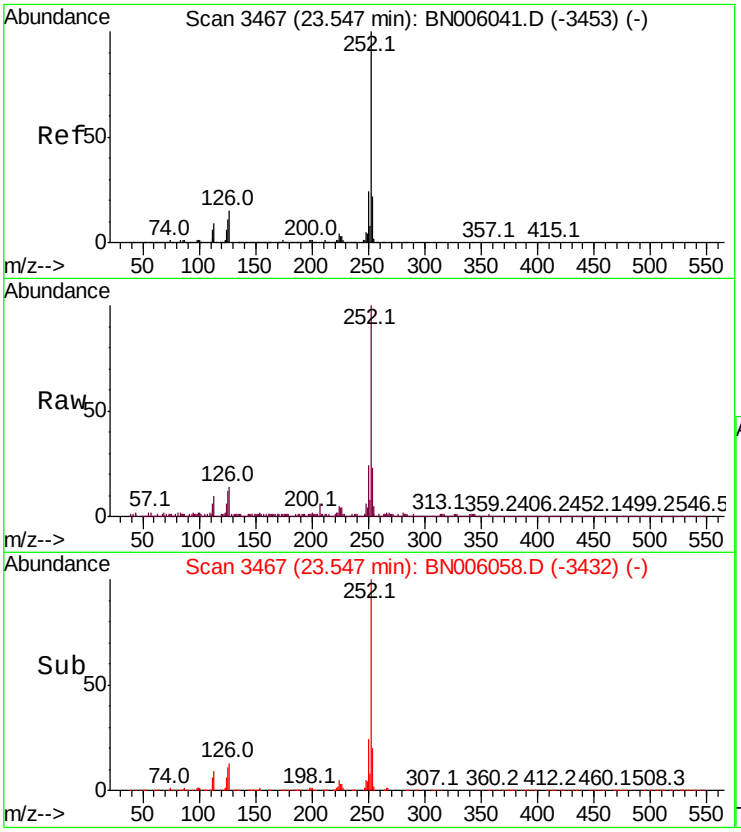


#88
Benzo(k)fluoranthene
Concen: 35.202 ng/ul
RT: 22.96 min Scan# 3368
Delta R.T. -0.04 min
Lab File: BN006058.D
Acq: 04 Jun 2019 04:40

Tgt Ion:252 Resp: 2840327

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	11.0	8.2	12.4



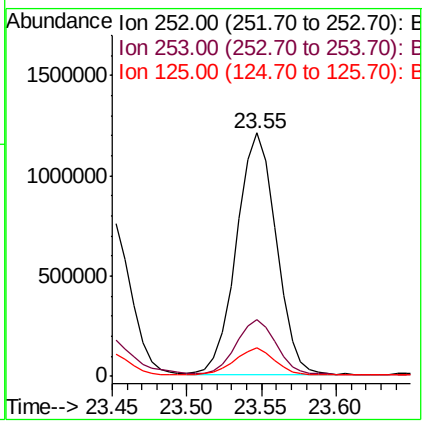


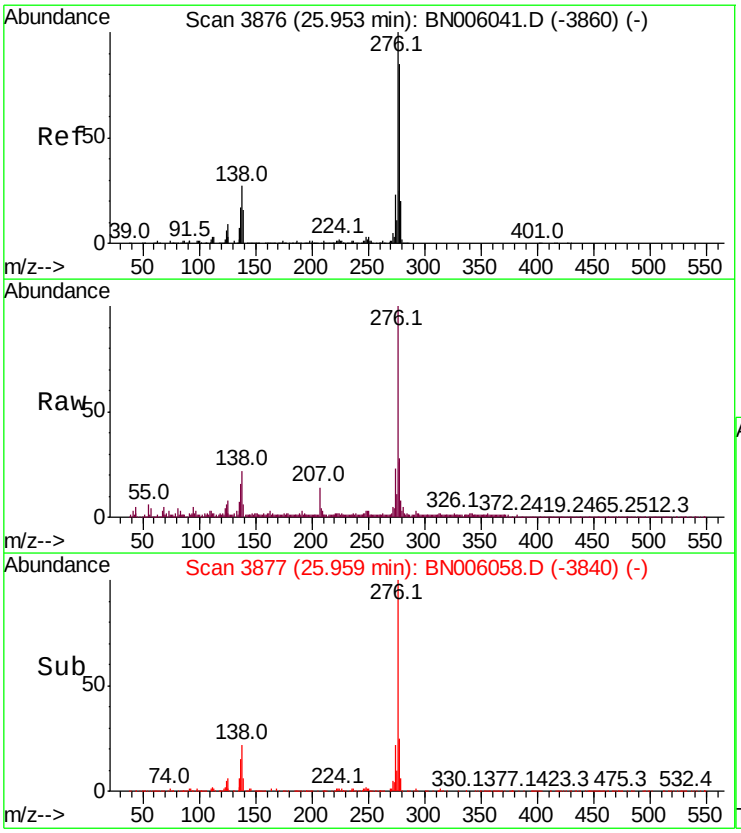
#90
Benzo(a)pyrene
Concen: 27.889 ng/ul
RT: 23.55 min Scan# 3467
Delta R.T. 0.01 min
Lab File: BN006058.D
Acq: 04 Jun 2019 04:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 2207938

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	11.5	9.2	13.8

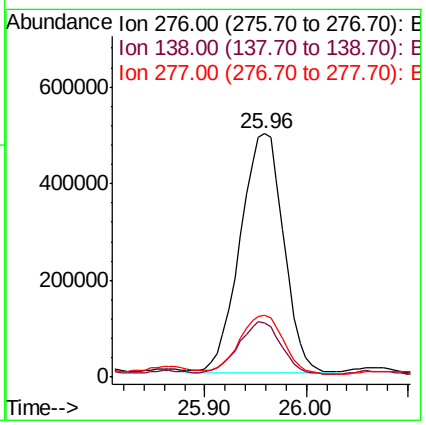


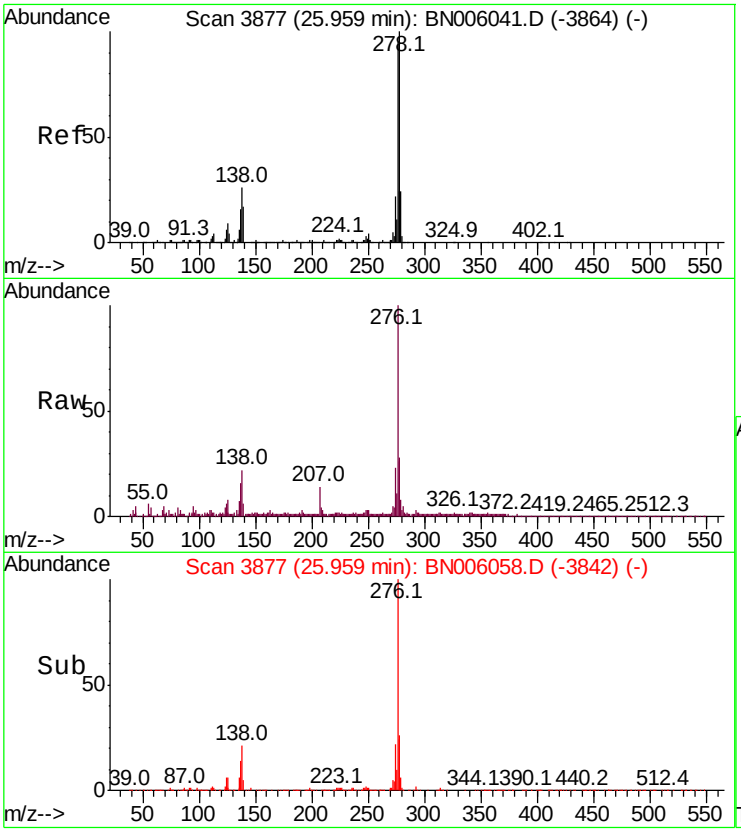


#91
Indeno(1,2,3-cd)pyrene
Concen: 16.140 ng/ul
RT: 25.96 min Scan# 3877
Delta R.T. 0.02 min
Lab File: BN006058.D
Acq: 04 Jun 2019 04:40

Tgt Ion:276 Resp: 1471055

Ion	Ratio	Lower	Upper
276	100		
138	22.3	21.4	32.2
277	25.5	20.2	30.2



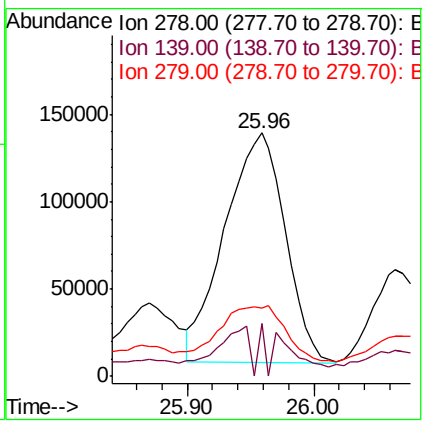


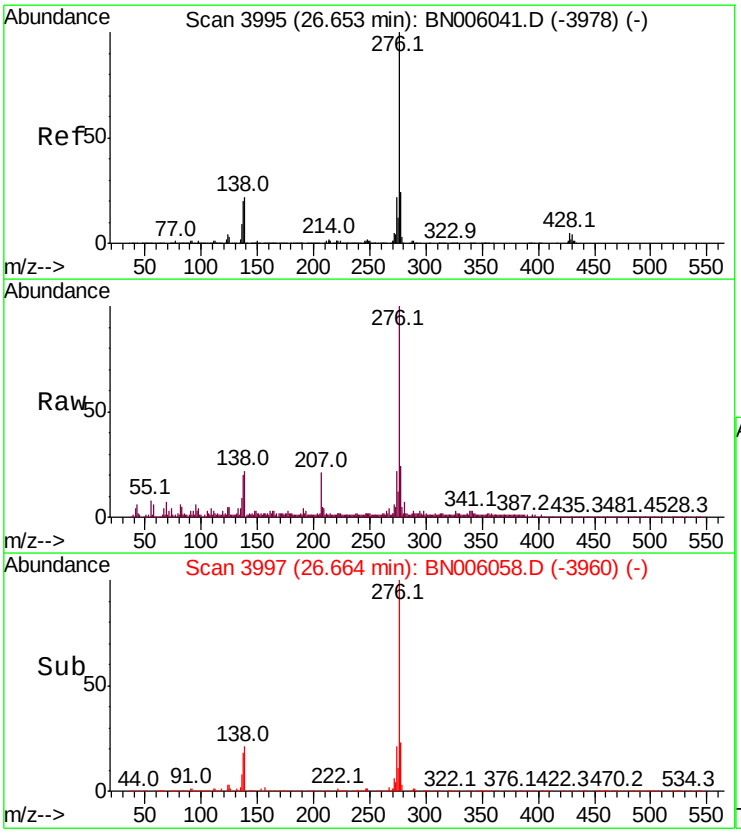
#92
Dibenzo(a,h)anthracene
Concen: 5.646 ng/ul
RT: 25.96 min Scan# 3877
Delta R.T. 0.01 min
Lab File: BN006058.D
Acq: 04 Jun 2019 04:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 433827

Ion	Ratio	Lower	Upper
278	100		
139	21.6	14.2	21.2#
279	28.2	19.4	29.0





#93
Benzo(g,h,i)perylene
Concen: 14.639 ng/ul
RT: 26.66 min Scan# 3997
Delta R.T. 0.02 min
Lab File: BN006058.D
Acq: 04 Jun 2019 04:40

Tgt Ion:276 Resp: 1098179

Ion	Ratio	Lower	Upper
276	100		
138	22.0	18.8	28.2
277	24.2	19.4	29.2