Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\

Quantitation Report (Not Reviewed)

Data File : BN004301.D
Acq On : 29 Dec 2018 15:00
Operator : JU/SJ
Sample : J6428-05
Misc : GCMS Confirmation
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41T9

Quant Time: Dec 30 22:18:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 28 03:12:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	31145	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	149813	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	91230	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	206375	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	206913	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	189029	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	14.83	143	873	0.52	ng/ul	0.15
57) Fluorene-d10	15.45	176	377	0.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.20	188	206375	19.79	ng/ul	-0.11
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	23.72	264	184126	17.95	ng/ul	0.15
Target Compounds						Qvalue
47) Acenaphthylene	14.18	152	13876	1.508	ng/ul	98
49) Acenaphthene	14.52	153	8814	1.345	ng/ul	98
53) Dibenzofuran	14.86	168	11431	1.229	ng/ul	100
58) Fluorene	15.50	166	12620	1.629	ng/ul	99
69) Phenanthrene	17.25	178	309239	25.934	ng/ul	99
71) Anthracene	17.34	178	72844	5.960	ng/ul	99
76) Fluoranthene	19.27	202	603162	41.268	ng/ul	100
79) Pyrene	19.63	202	478053	41.356	ng/ul	99
80) Butylbenzylphthalate	20.51	149	28552	5.528	ng/ul	98
82) Benzo(a)anthracene	21.38	228	258415	20.028	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.27	149	41368	5.243	ng/ul	98
84) Chrysene	21.43	228	226572	18.748	ng/ul	99
87) Benzo(b)fluoranthene	23.02	252	292527	25.834	ng/ul#	97
88) Benzo(k)fluoranthene	23.02	252	292527	27.590	ng/ul#	96
90) Benzo(a)pyrene	23.62	252	170185	15.606	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	26.07	276	122363	8.608	ng/ul	94
92) Dibenzo(a,h)anthracene	26.07	278	33760	2.857	ng/ul#	83
93) Benzo(g,h,i)perylene	26.81	276	115483	9.706	ng/ul	99

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

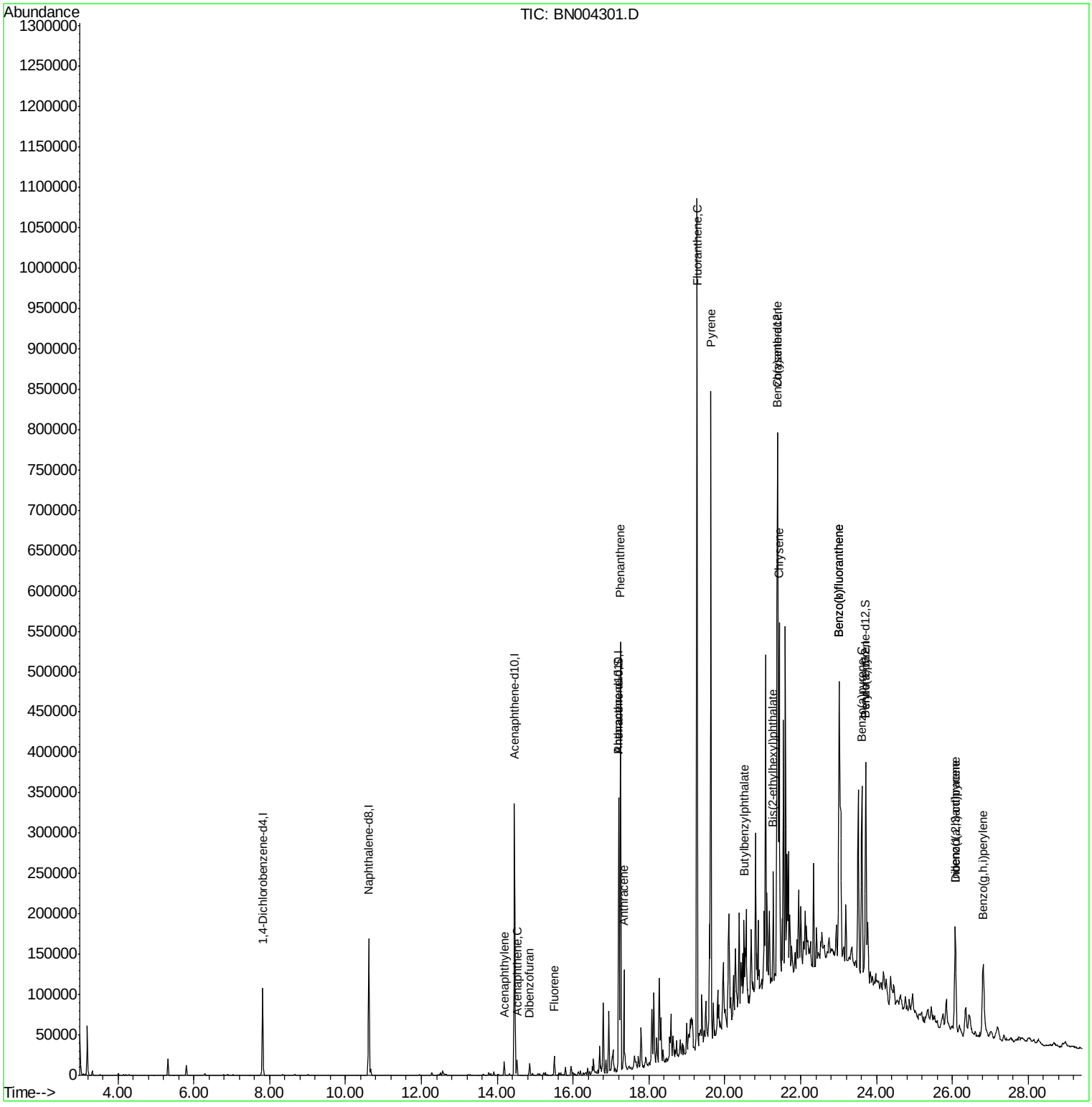
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\

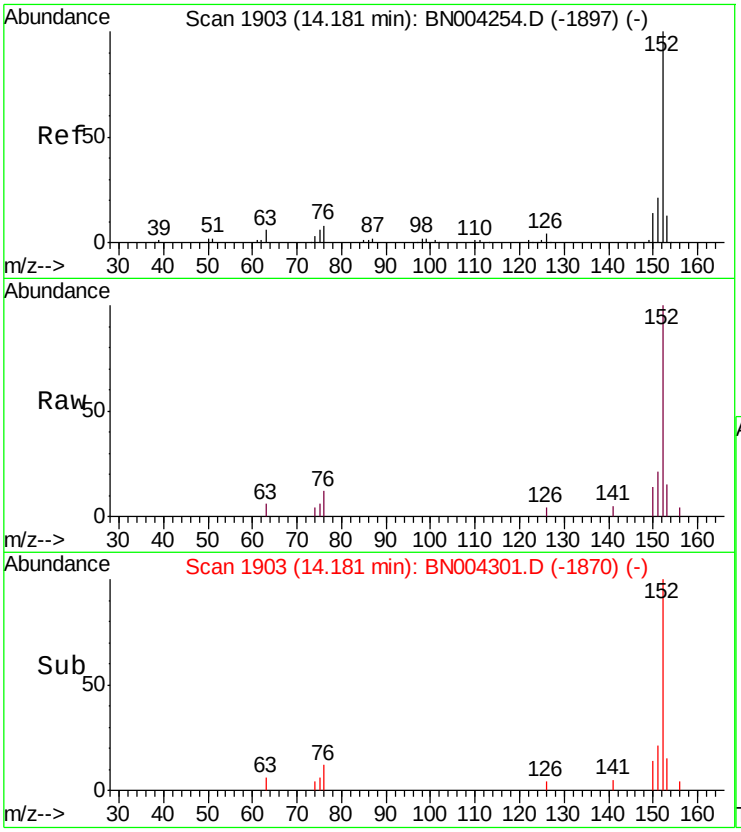
Quantitation Report (Not Reviewed)

Data File : BN004301.D
Acq On : 29 Dec 2018 15:00
Operator : JU/SJ
Sample : J6428-05
Misc : GCMS Confirmation
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41T9

Quant Time: Dec 30 22:18:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 28 03:12:04 2018
Response via : Initial Calibration



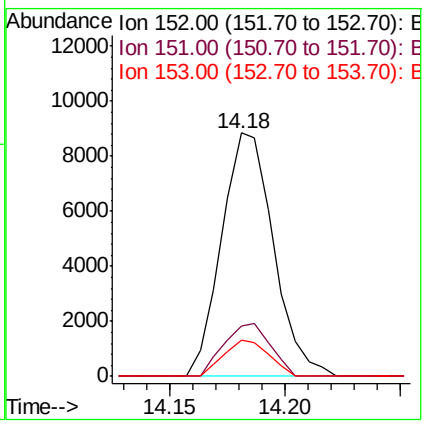


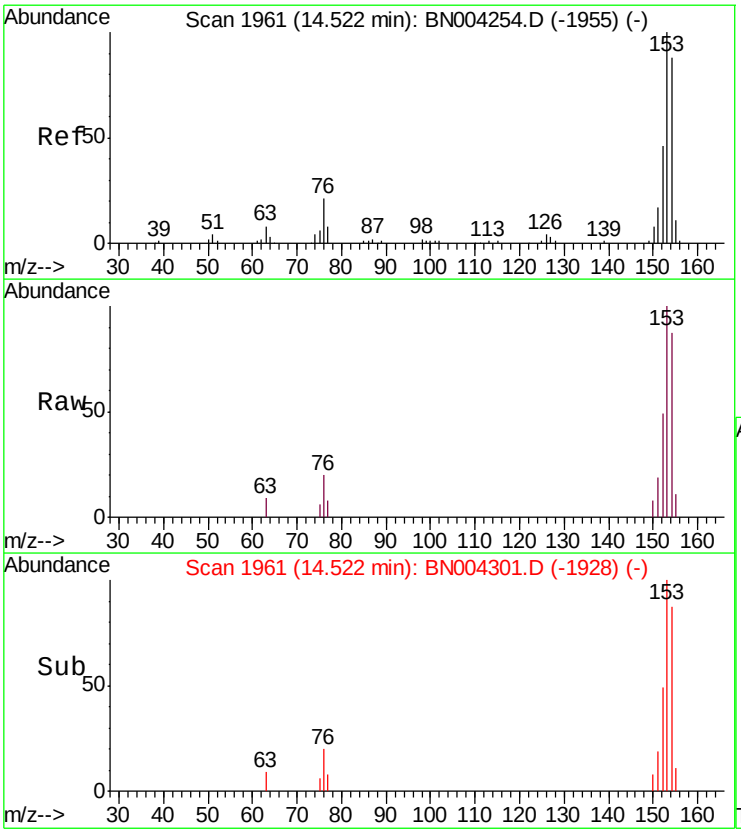
#47
Acenaphthylene
Concen: 1.508 ng/ul
RT: 14.18 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BN004301.D
Acq: 29 Dec 2018 15:00

Instrument :
BNA_N
ClientSampleId :
A41T9

Tgt Ion:152 Resp: 13876

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.2
153	14.8	10.6	15.8

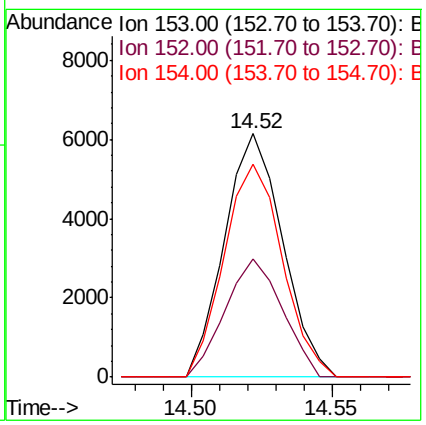


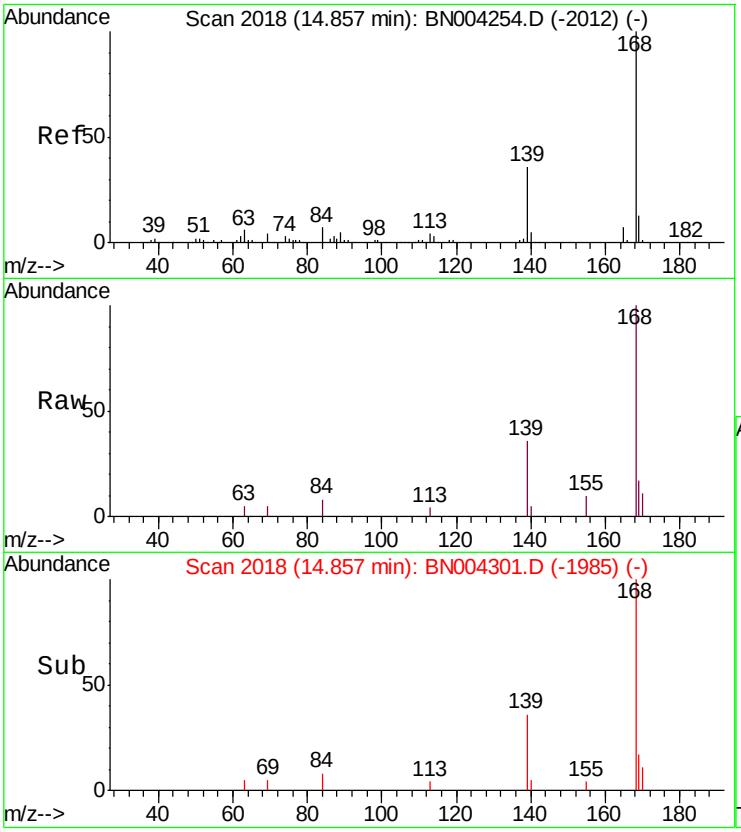


#49
Acenaphthene
Concen: 1.345 ng/ul
RT: 14.52 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BN004301.D
Acq: 29 Dec 2018 15:00

Tgt Ion:153 Resp: 8814

Ion	Ratio	Lower	Upper
153	100		
152	48.8	37.8	56.6
154	87.3	71.0	106.6



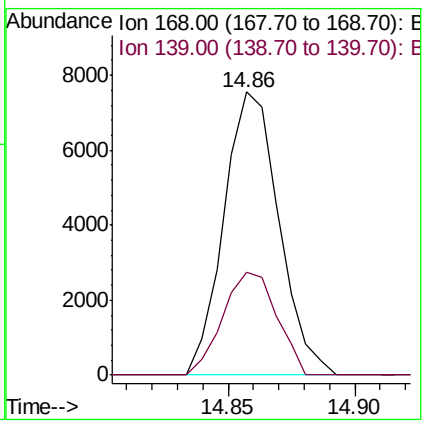


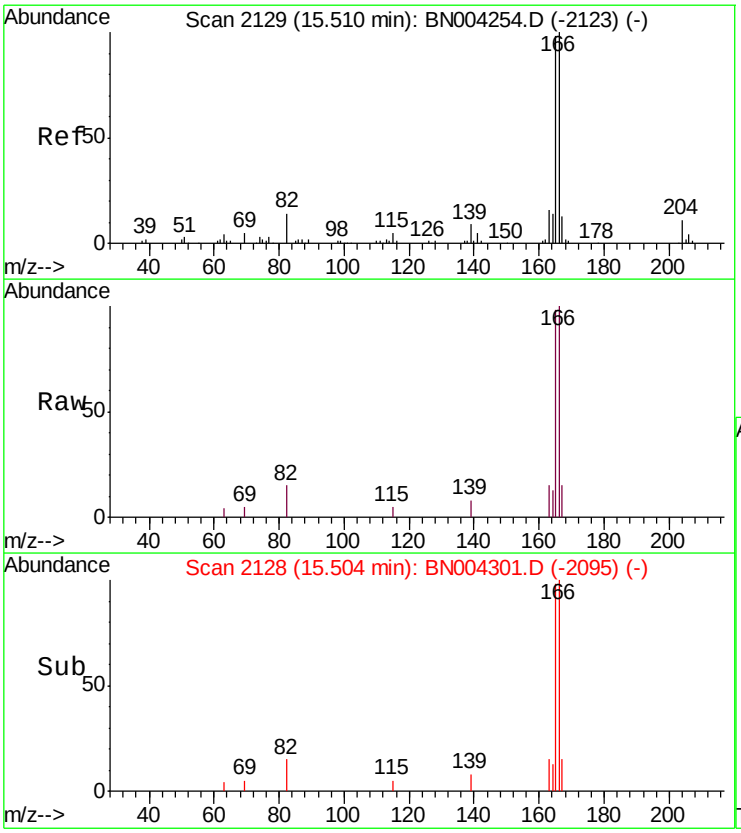
#53
Dibenzofuran
Concen: 1.229 ng/ul
RT: 14.86 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BN004301.D
Acq: 29 Dec 2018 15:00

Instrument :
BNA_N
ClientSampleId :
A41T9

Tgt Ion:168 Resp: 11431

Ion	Ratio	Lower	Upper
168	100		
139	36.3	28.8	43.2

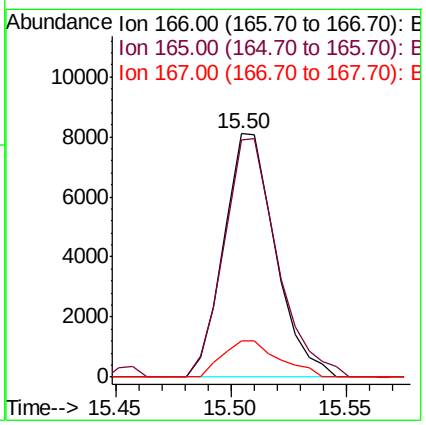


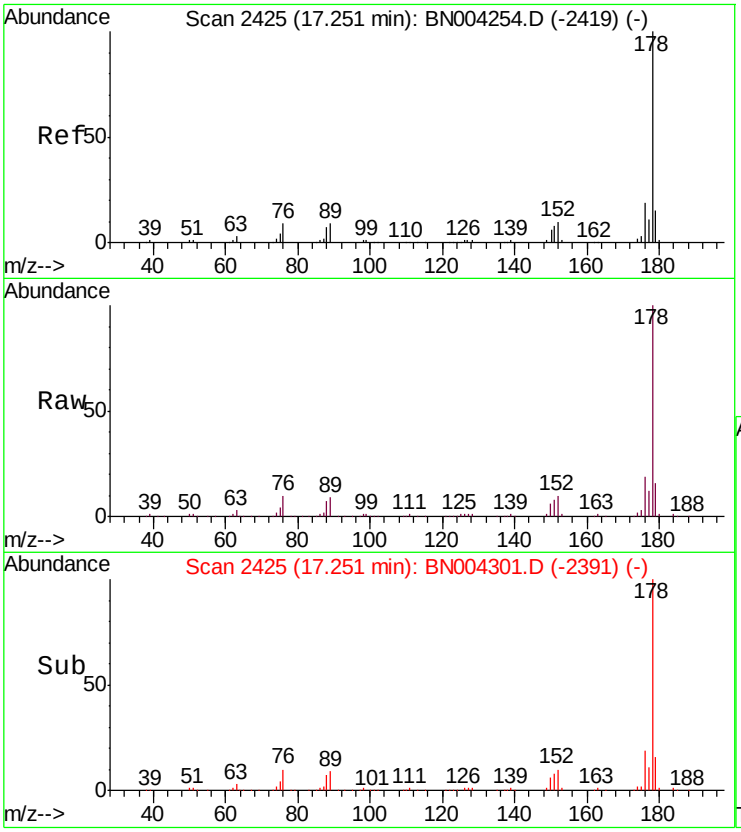


#58
Fluorene
Concen: 1.629 ng/ul
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BN004301.D
Acq: 29 Dec 2018 15:00

Tgt Ion:166 Resp: 12620

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.6	117.8
167	15.0	10.3	15.5



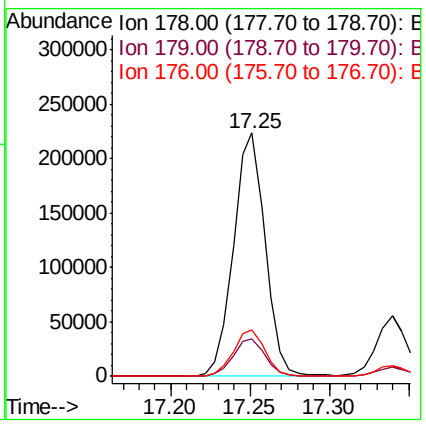


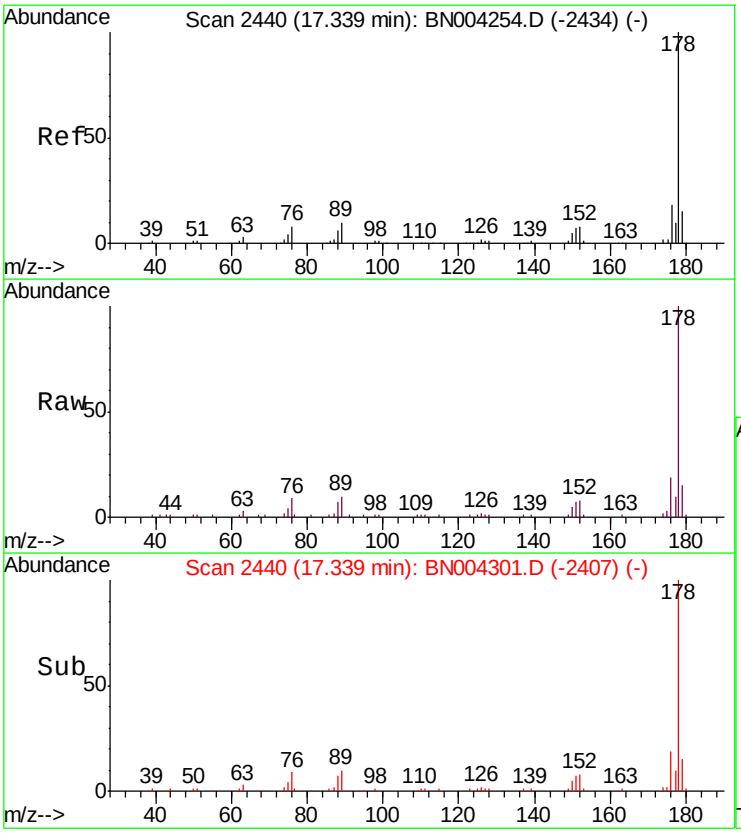
#69
Phenanthrene
Concen: 25.934 ng/ul
RT: 17.25 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BN004301.D
Acq: 29 Dec 2018 15:00

Instrument :
BNA_N
ClientSampleId :
A41T9

Tgt Ion:178 Resp: 309239

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.1	18.1
176	19.1	15.0	22.6

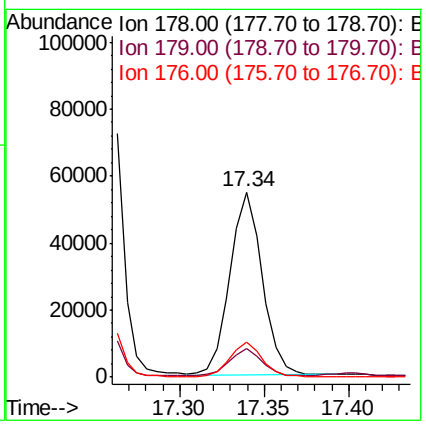


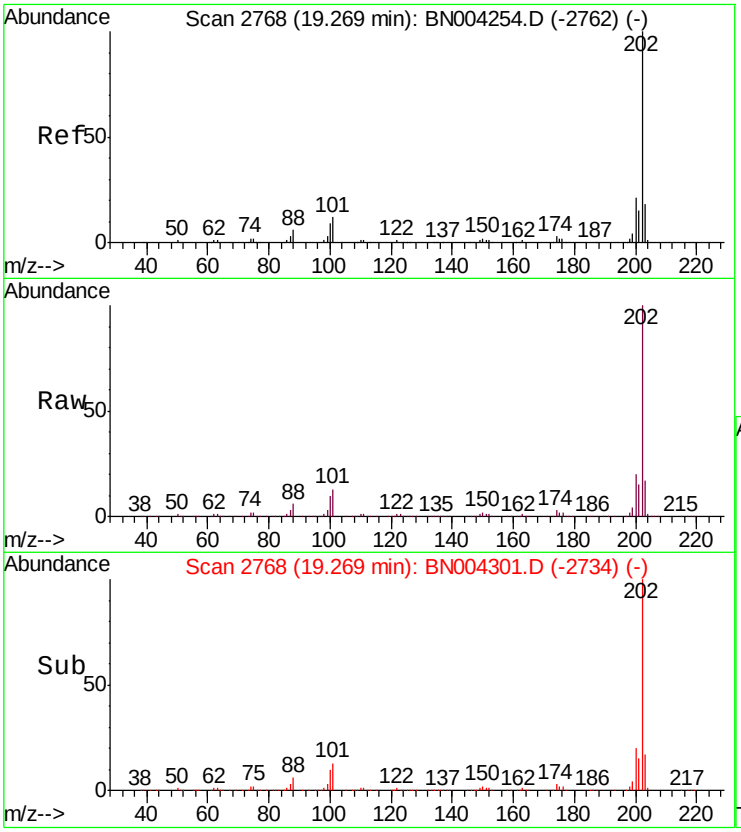


#71
Anthracene
Concen: 5.960 ng/ul
RT: 17.34 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BN004301.D
Acq: 29 Dec 2018 15:00

Tgt Ion:178 Resp: 72844

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.1	18.1
176	18.6	15.2	22.8



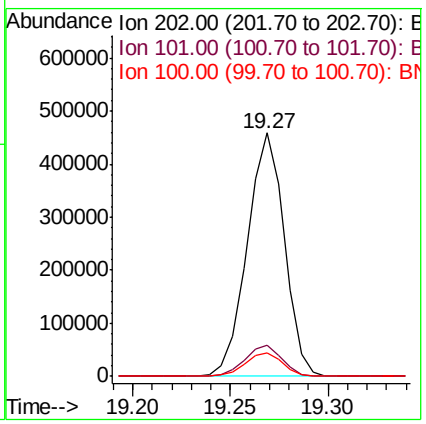


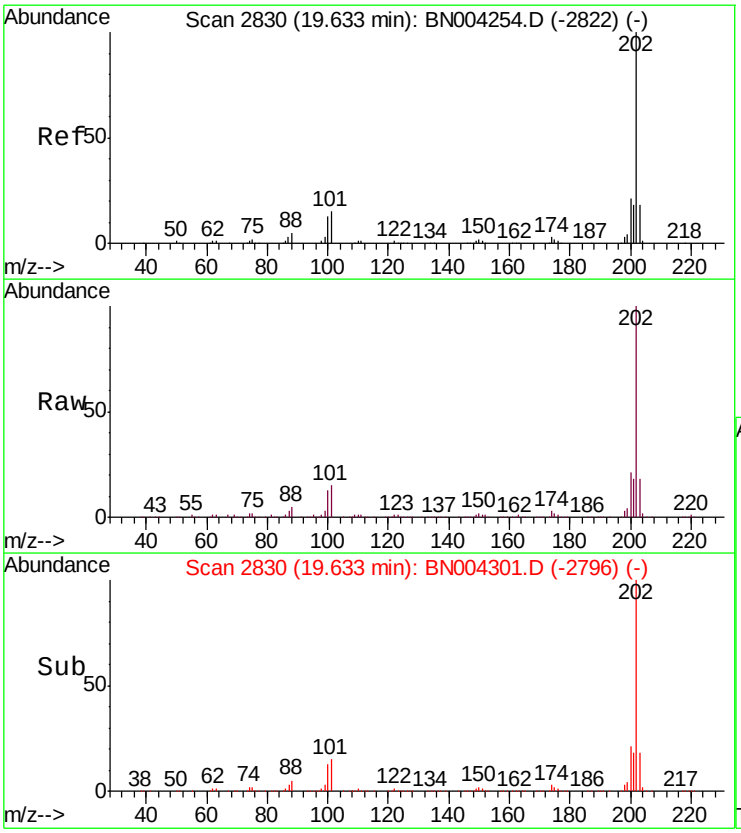
#76
Fluoranthene
Concen: 41.268 ng/ul
RT: 19.27 min Scan# 2768
Delta R.T. 0.00 min
Lab File: BN004301.D
Acq: 29 Dec 2018 15:00

Instrument :
BNA_N
ClientSampleId :
A41T9

Tgt Ion:202 Resp: 603162

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.2	15.2
100	9.8	7.8	11.8

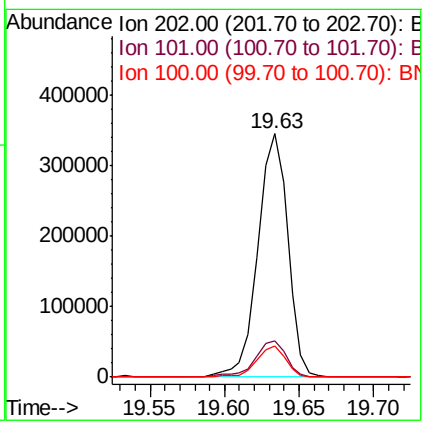


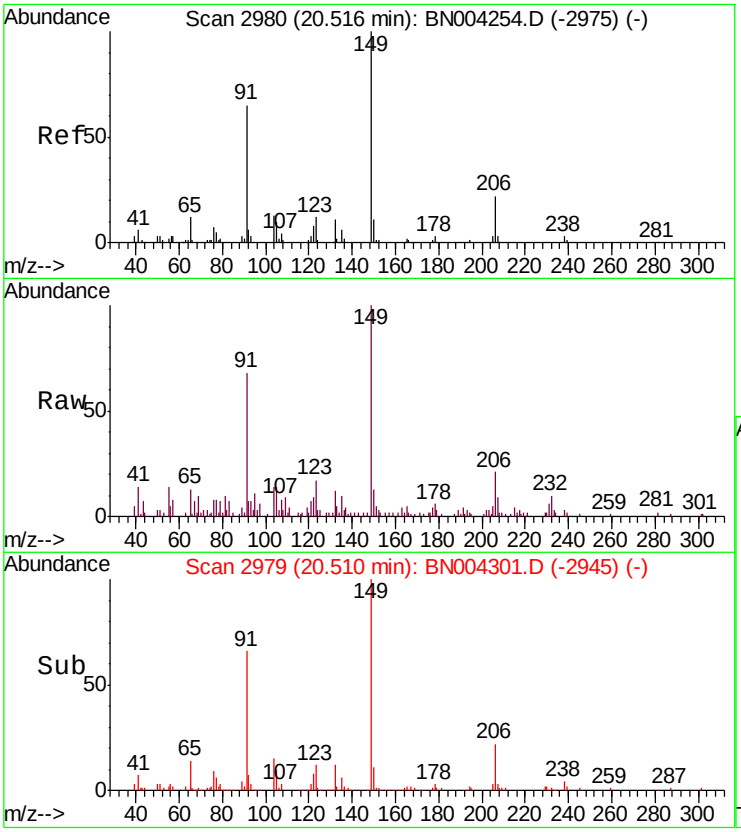


#79
Pyrene
Concen: 41.356 ng/ul
RT: 19.63 min Scan# 2830
Delta R.T. 0.00 min
Lab File: BN004301.D
Acq: 29 Dec 2018 15:00

Tgt Ion:202 Resp: 478053

Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.2	18.2
100	12.5	9.9	14.9



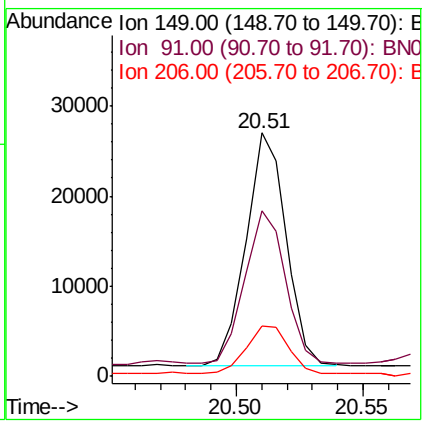


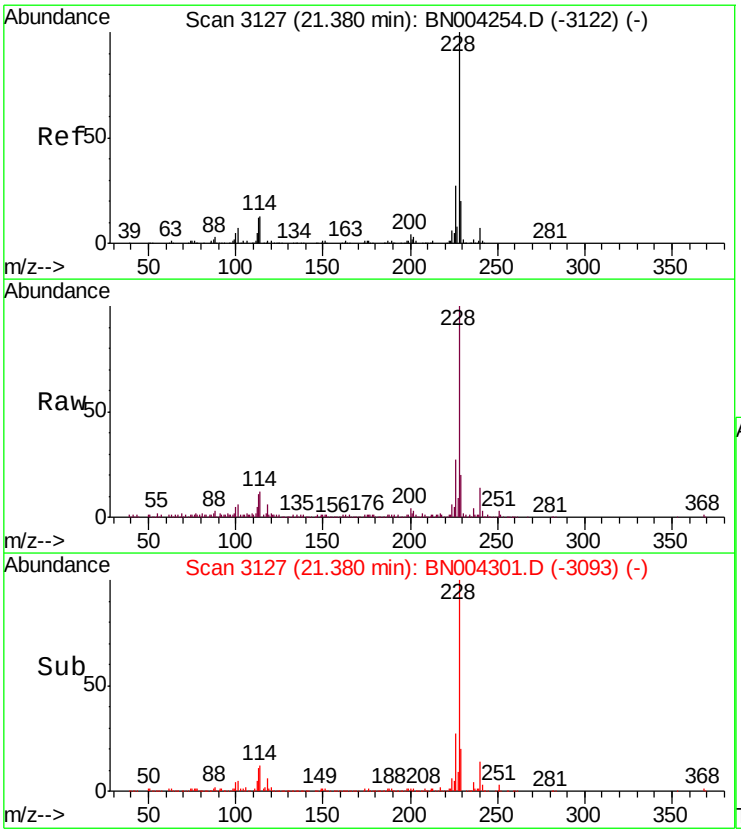
#80
Butylbenzylphthalate
Concen: 5.528 ng/ul
RT: 20.51 min Scan# 2979
Delta R.T. 0.00 min
Lab File: BN004301.D
Acq: 29 Dec 2018 15:00

Instrument :
BNA_N
ClientSampleId :
A41T9

Tgt Ion:149 Resp: 28552

Ion	Ratio	Lower	Upper
149	100		
91	68.1	53.0	79.4
206	20.9	17.1	25.7

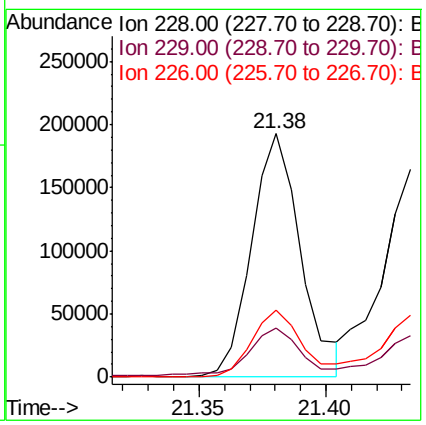


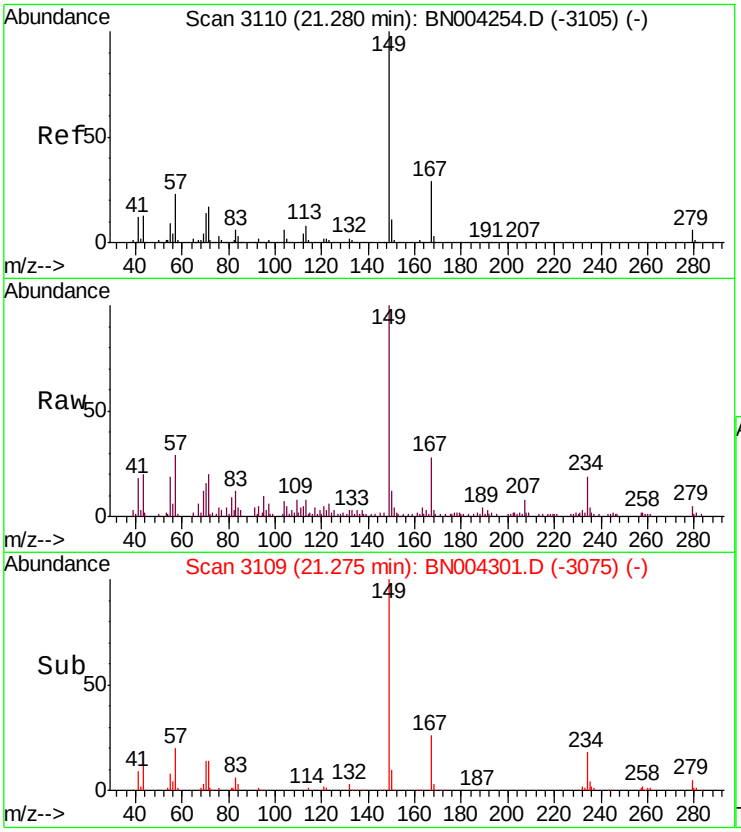


#82
Benzo(a)anthracene
Concen: 20.028 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. 0.00 min
Lab File: BN004301.D
Acq: 29 Dec 2018 15:00

Tgt Ion:228 Resp: 258415

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.9	23.9
226	27.4	21.4	32.2



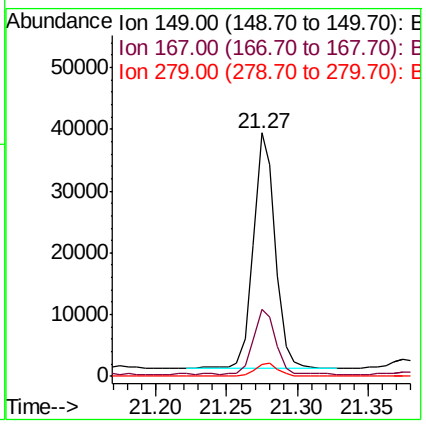


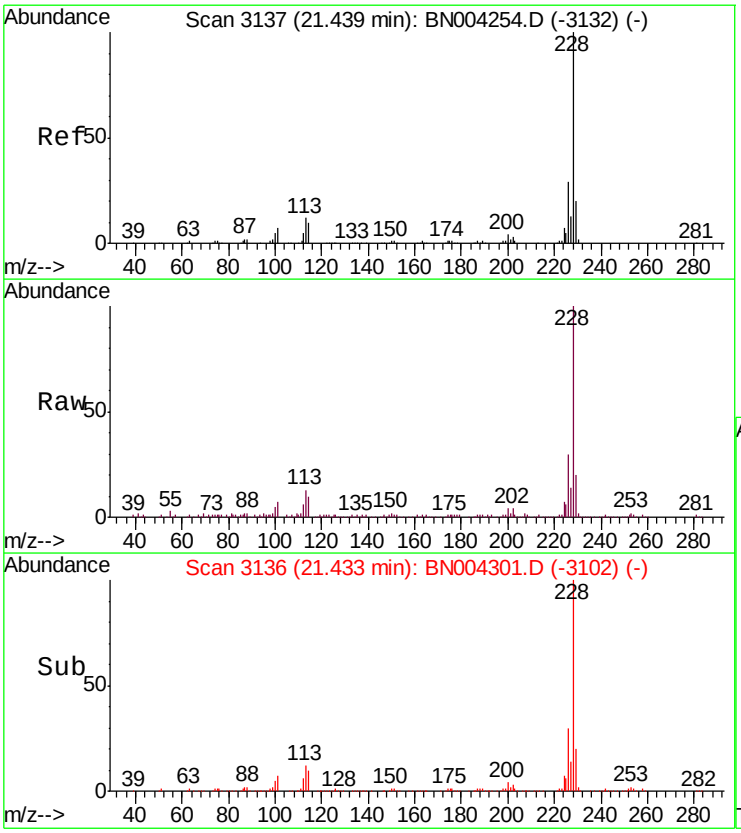
#83
Bis(2-ethylhexyl)phthalate
Concen: 5.243 ng/ul
RT: 21.27 min Scan# 3109
Delta R.T. 0.00 min
Lab File: BN004301.D
Acq: 29 Dec 2018 15:00

Instrument :
BNA_N
ClientSampleId :
A41T9

Tgt Ion:149 Resp: 41368

Ion	Ratio	Lower	Upper
149	100		
167	27.7	23.0	34.4
279	5.1	4.4	6.6

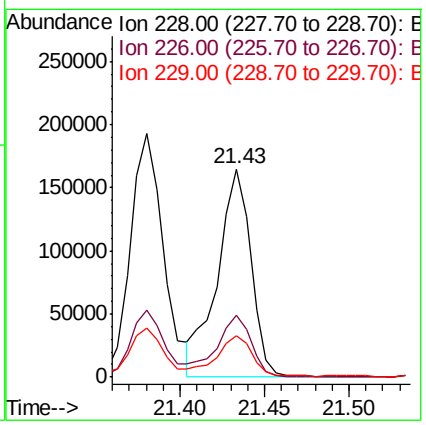


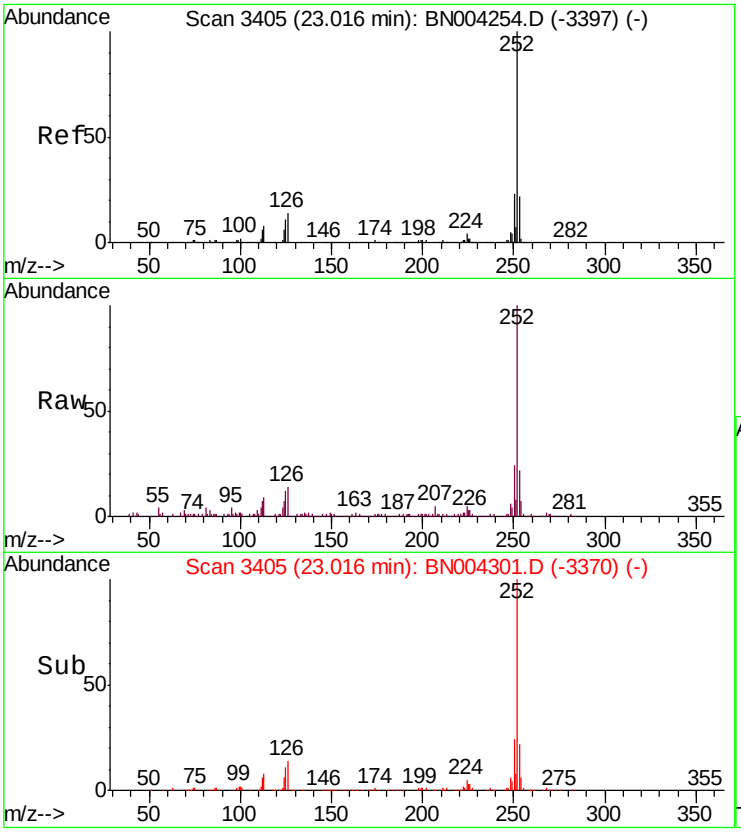


#84
Chrysene
Concen: 18.748 ng/ul
RT: 21.43 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BN004301.D
Acq: 29 Dec 2018 15:00

Tgt Ion:228 Resp: 226572

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.8
229	20.2	15.8	23.6



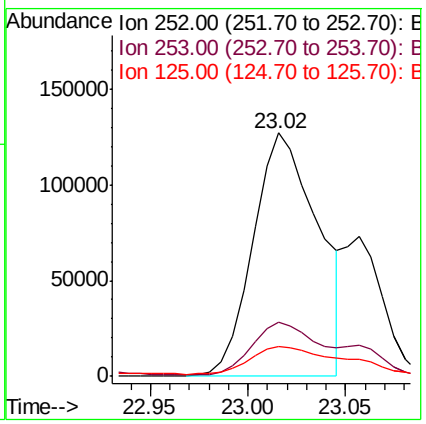


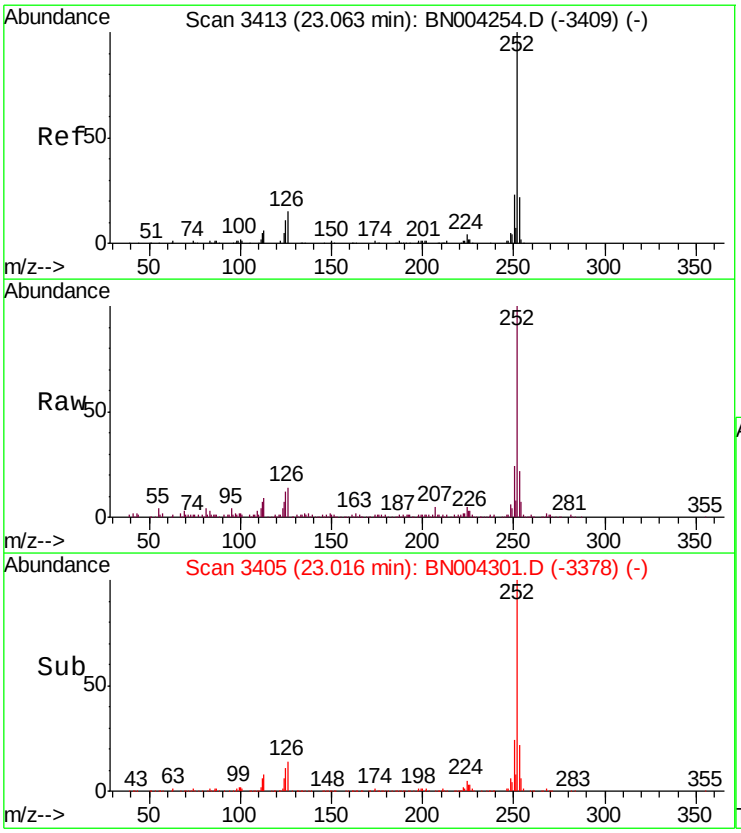
#87
Benzo(b)fluoranthene
Concen: 25.834 ng/ul
RT: 23.02 min Scan# 3405
Delta R.T. 0.01 min
Lab File: BN004301.D
Acq: 29 Dec 2018 15:00

Instrument :
BNA_N
ClientSampleId :
A41T9

Tgt Ion:252 Resp: 292527

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	12.4	8.2	12.4#

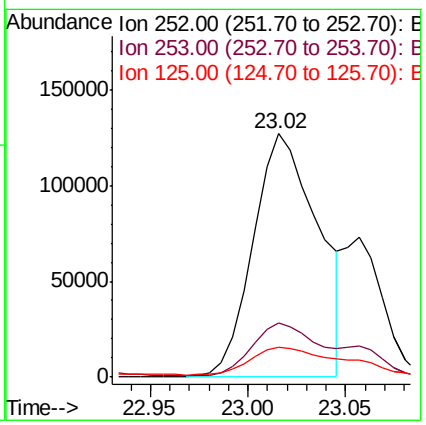


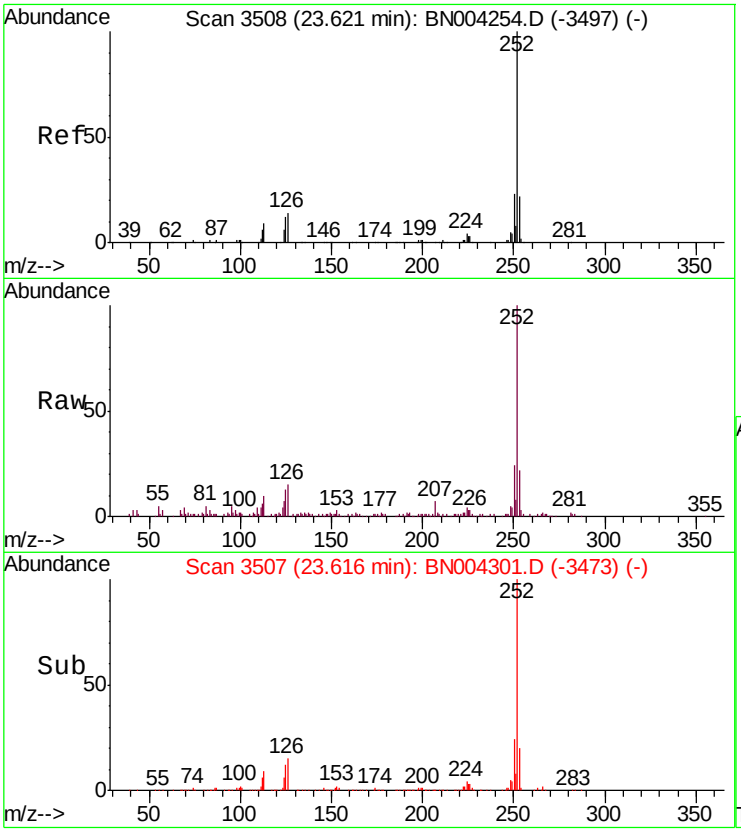


#88
Benzo(k)fluoranthene
Concen: 27.590 ng/ul
RT: 23.02 min Scan# 3405
Delta R.T. -0.04 min
Lab File: BN004301.D
Acq: 29 Dec 2018 15:00

Tgt Ion:252 Resp: 292527

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	12.4	7.9	11.9#



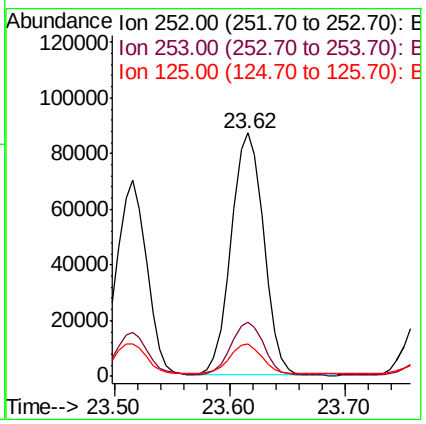


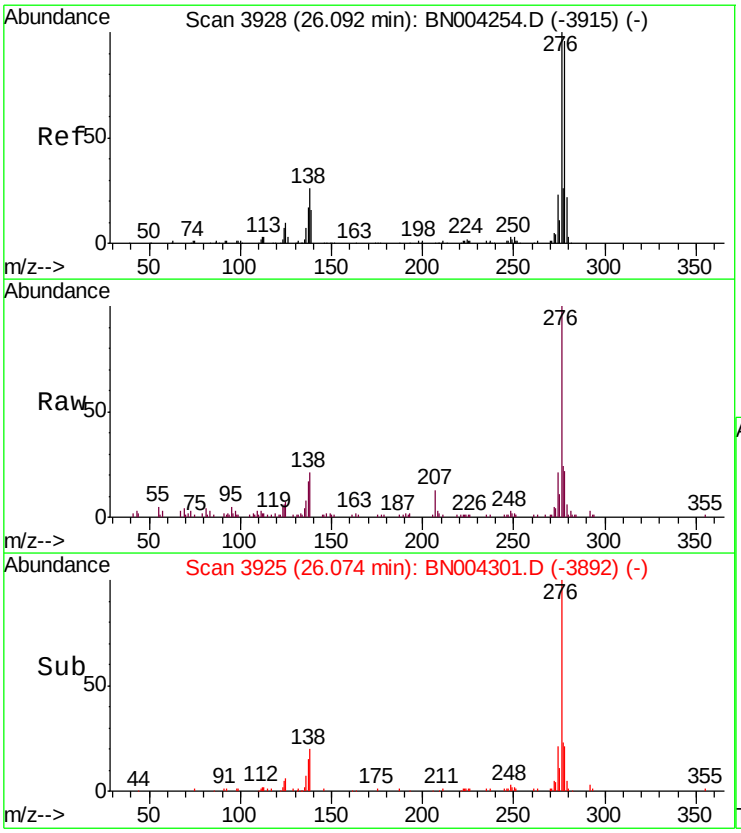
#90
Benzo(a)pyrene
Concen: 15.606 ng/ul
RT: 23.62 min Scan# 3507
Delta R.T. 0.00 min
Lab File: BN004301.D
Acq: 29 Dec 2018 15:00

Instrument :
BNA_N
ClientSampleId :
A41T9

Tgt Ion:252 Resp: 170185

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	13.3	9.1	13.7

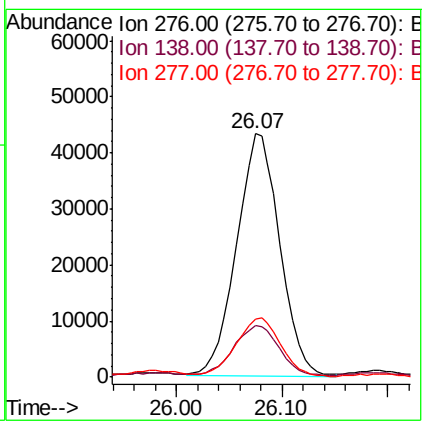


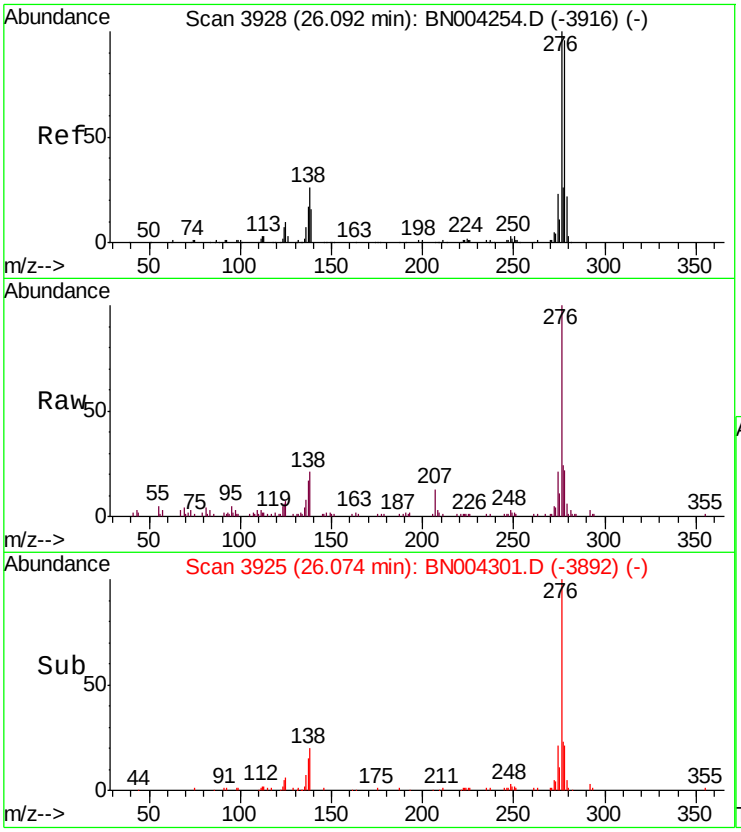


#91
Indeno(1,2,3-cd)pyrene
Concen: 8.608 ng/ul
RT: 26.07 min Scan# 3925
Delta R.T. -0.01 min
Lab File: BN004301.D
Acq: 29 Dec 2018 15:00

Tgt Ion:276 Resp: 122363

Ion	Ratio	Lower	Upper
276	100		
138	21.2	20.4	30.6
277	23.8	20.6	30.8



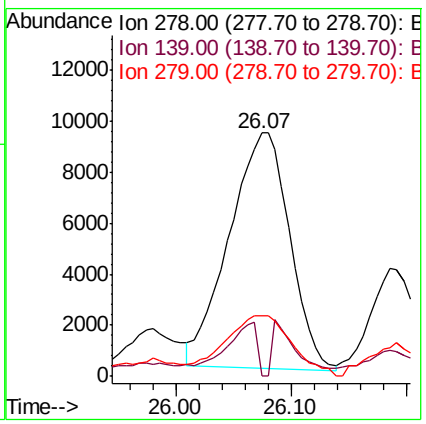


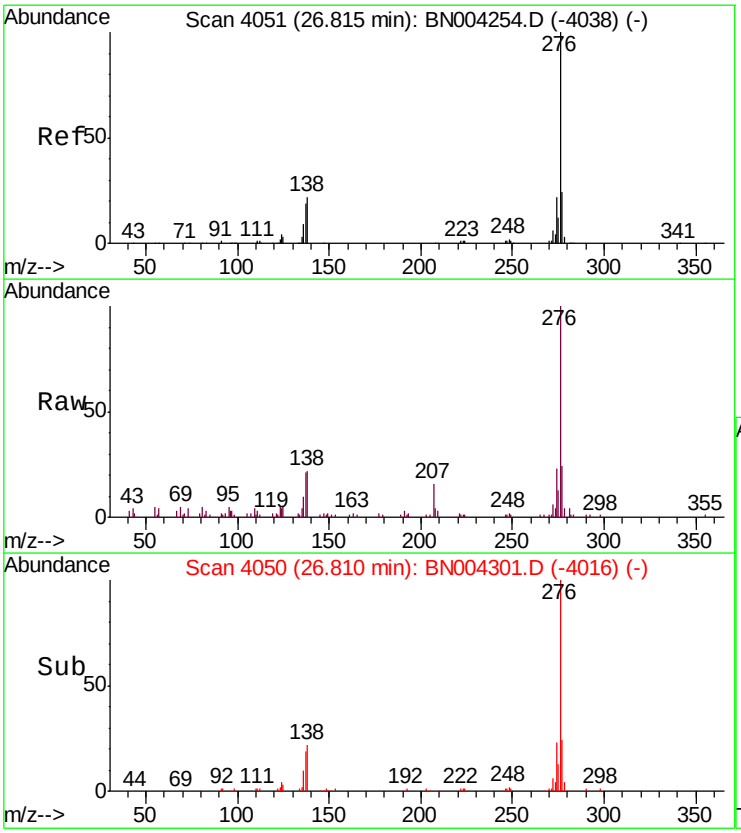
#92
Dibenzo(a,h)anthracene
Concen: 2.857 ng/ul
RT: 26.07 min Scan# 3925
Delta R.T. -0.01 min
Lab File: BN004301.D
Acq: 29 Dec 2018 15:00

Instrument :
BNA_N
ClientSampleId :
A41T9

Tgt Ion:278 Resp: 33760

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.3	19.9#
279	25.1	19.0	28.6





#93
Benzo(g,h,i)perylene
Concen: 9.706 ng/ul
RT: 26.81 min Scan# 4050
Delta R.T. 0.00 min
Lab File: BN004301.D
Acq: 29 Dec 2018 15:00

Tgt Ion:276 Resp: 115483

Ion	Ratio	Lower	Upper
276	100		
138	22.2	18.2	27.4
277	24.4	19.0	28.6