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

Quantitation Report (Not Reviewed)

Data File : BN004302.D
Acq On : 29 Dec 2018 15:35
Operator : JU/SJ
Sample : J6428-04
Misc : GCMS Confirmation
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41T8

Quant Time: Dec 30 22:18:22 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	31326	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	153504	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	92201	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	196810	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	194916	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	191756	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	654	0.38	ng/ul	0.15
57) Fluorene-d10	15.45	176	260	0.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.21	188	196810	19.79	ng/ul	-0.10
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	23.72	264	183376	17.63	ng/ul	0.15
Target Compounds						Qvalue
28) Naphthalene	10.66	128	10203	1.239	ng/ul	98
49) Acenaphthene	14.52	153	13555	2.046	ng/ul	98
53) Dibenzofuran	14.86	168	14102	1.500	ng/ul	97
58) Fluorene	15.51	166	15333	1.958	ng/ul	100
69) Phenanthrene	17.25	178	281222	24.731	ng/ul	100
71) Anthracene	17.34	178	60280	5.171	ng/ul	99
76) Fluoranthene	19.27	202	459204	32.945	ng/ul	99
79) Pyrene	19.63	202	372728	34.229	ng/ul	99
80) Butylbenzylphthalate	20.51	149	42721	8.780	ng/ul	96
82) Benzo(a)anthracene	21.38	228	192170	15.811	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.27	149	35325	4.753	ng/ul	98
84) Chrysene	21.43	228	172413	15.144	ng/ul	98
87) Benzo(b)fluoranthene	23.02	252	225749	19.653	ng/ul#	96
88) Benzo(k)fluoranthene	23.02	252	225749	20.989	ng/ul#	95
90) Benzo(a)pyrene	23.62	252	131540	11.891	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	26.08	276	93800	6.505	ng/ul	95
92) Dibenzo(a,h)anthracene	26.08	278	26459	2.207	ng/ul#	81
93) Benzo(g,h,i)perylene	26.82	276	90525	7.500	ng/ul	99

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

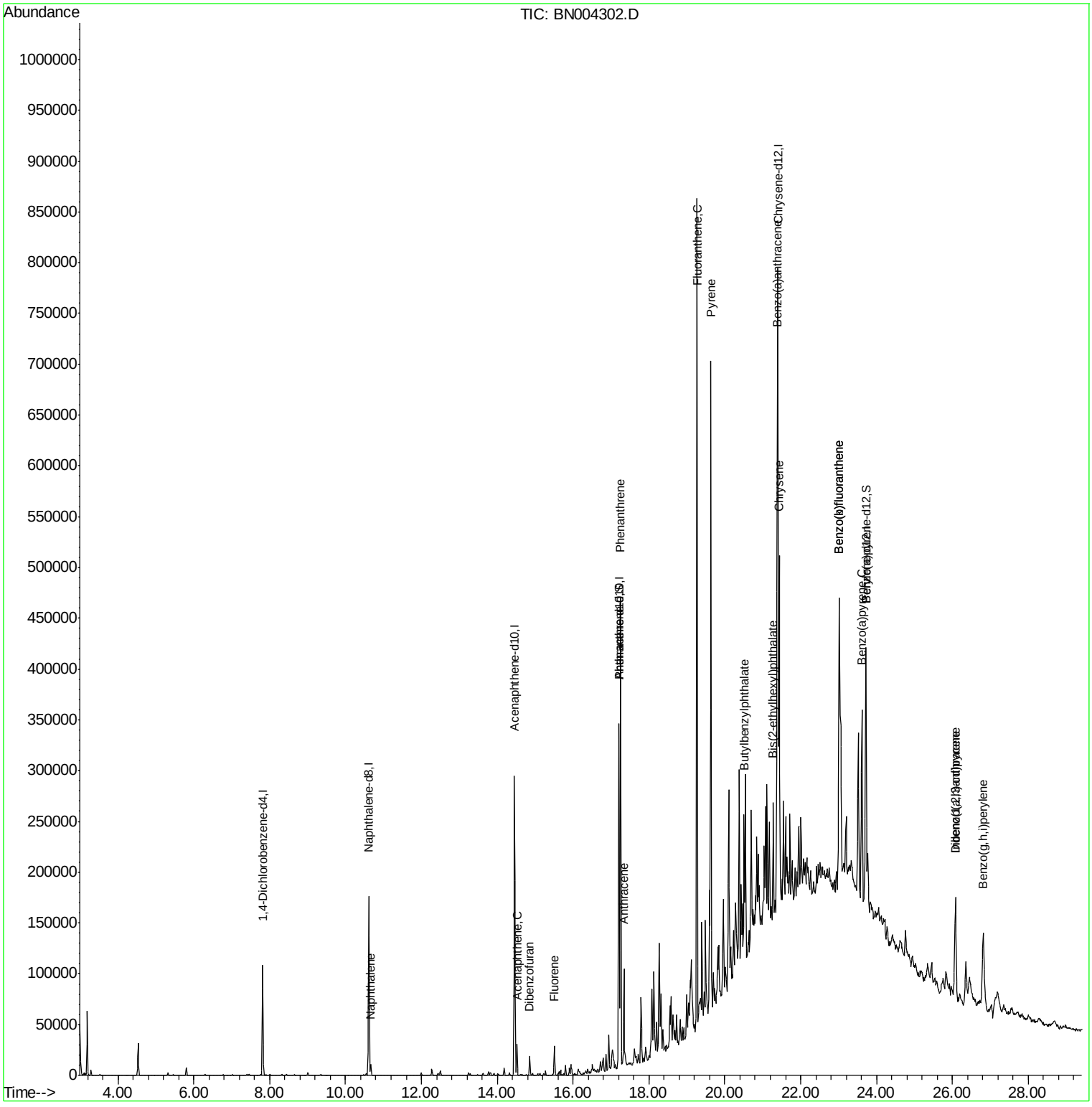
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\

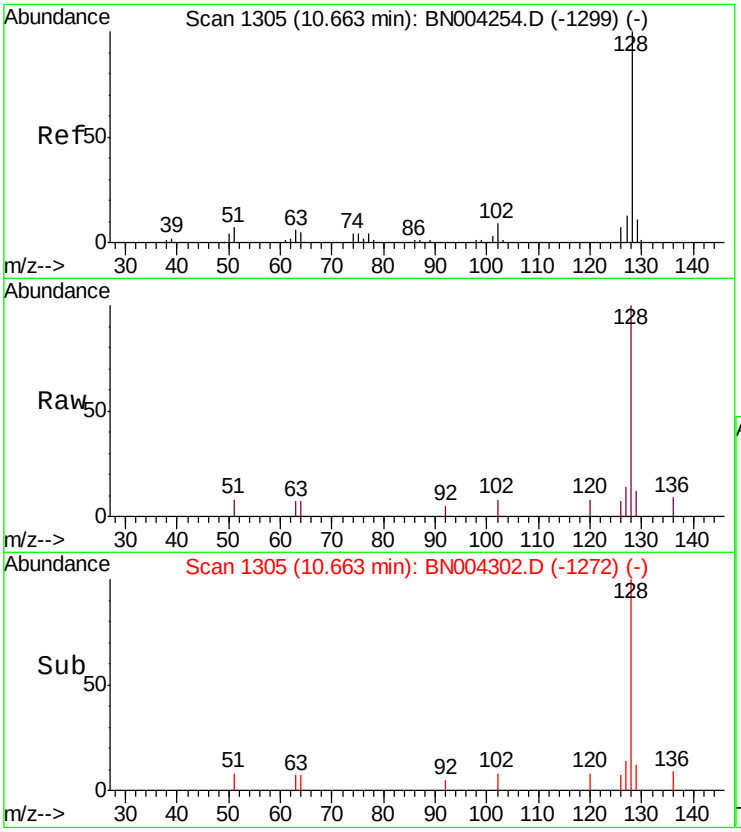
Quantitation Report (Not Reviewed)

Data File : BN004302.D
Acq On : 29 Dec 2018 15:35
Operator : JU/SJ
Sample : J6428-04
Misc : GCMS Confirmation
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41T8

Quant Time: Dec 30 22:18:22 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



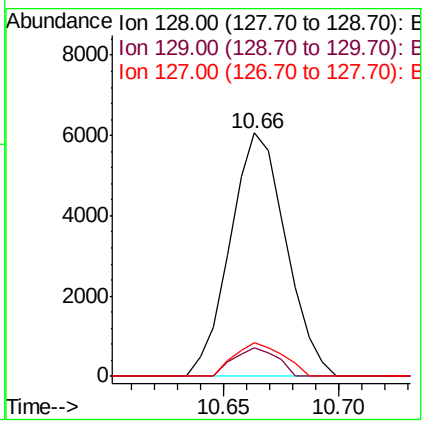


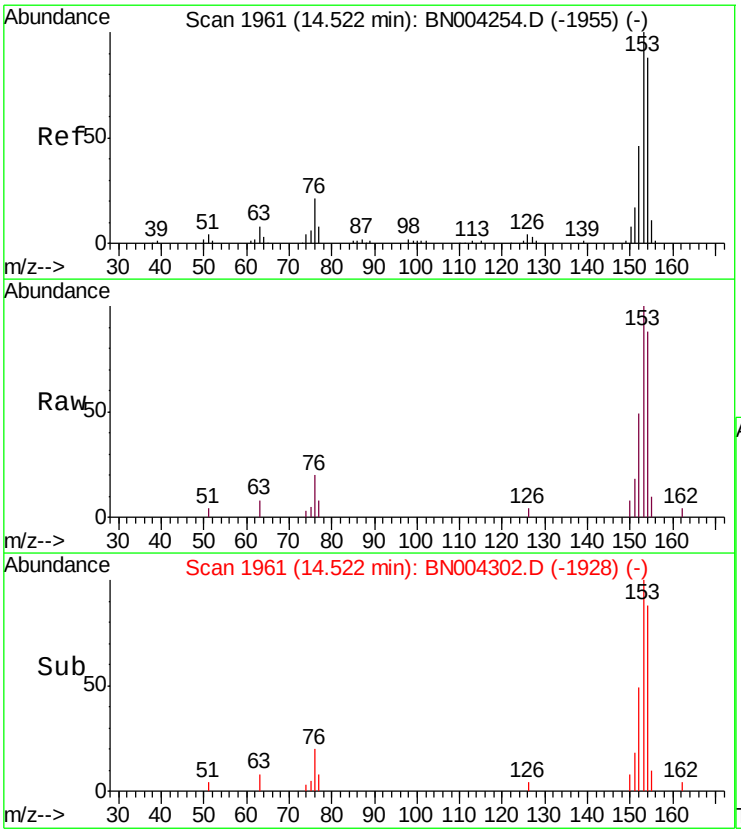
#28
Naphthalene
Concen: 1.239 ng/ul
RT: 10.66 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BN004302.D
Acq: 29 Dec 2018 15:35

Instrument :
BNA_N
ClientSampleId :
A41T8

Tgt Ion:128 Resp: 10203

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	13.8	10.6	16.0

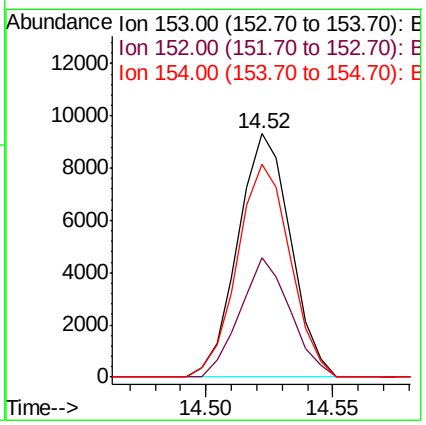


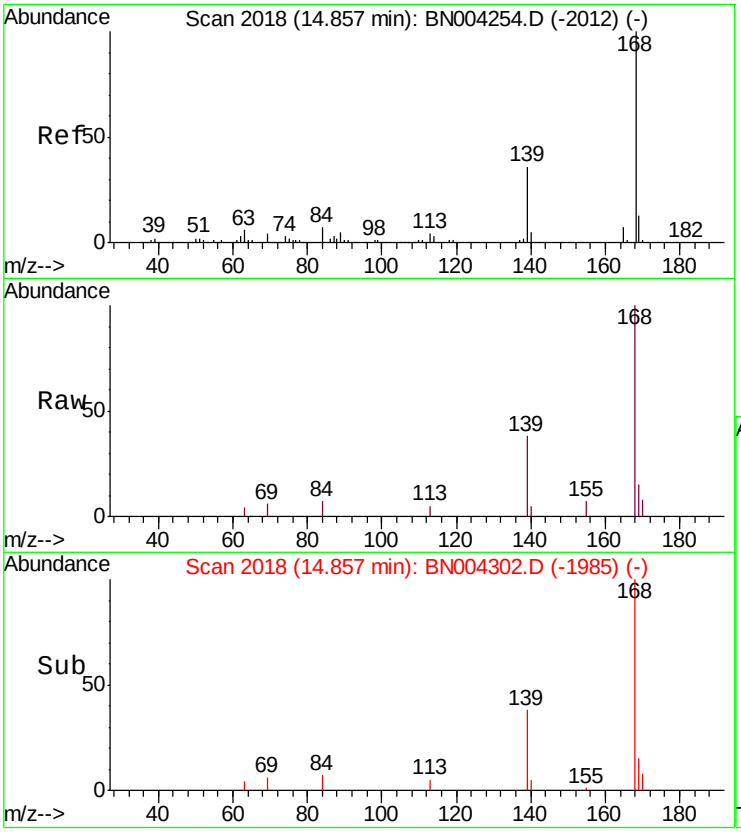


#49
Acenaphthene
Concen: 2.046 ng/ul
RT: 14.52 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BN004302.D
Acq: 29 Dec 2018 15:35

Tgt Ion:153 Resp: 13555

Ion	Ratio	Lower	Upper
153	100		
152	49.1	37.8	56.6
154	87.5	71.0	106.6



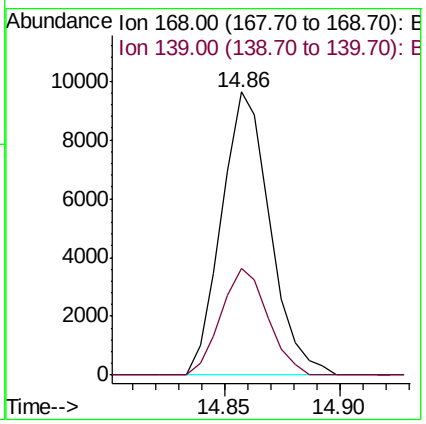


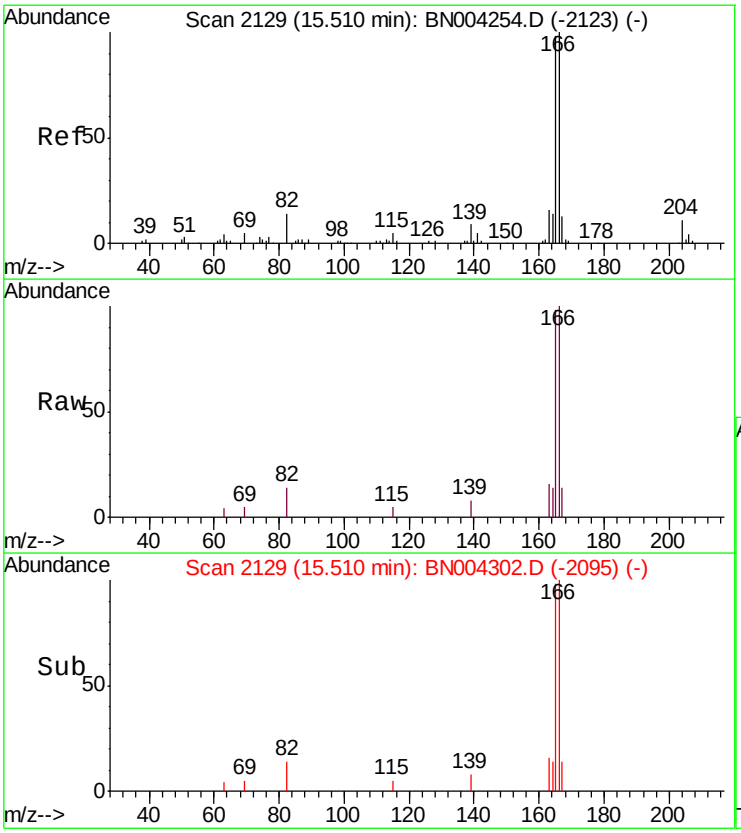
#53
Dibenzofuran
Concen: 1.500 ng/ul
RT: 14.86 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BN004302.D
Acq: 29 Dec 2018 15:35

Instrument :
BNA_N
ClientSampleId :
A41T8

Tgt Ion:168 Resp: 14102

Ion	Ratio	Lower	Upper
168	100		
139	37.7	28.8	43.2

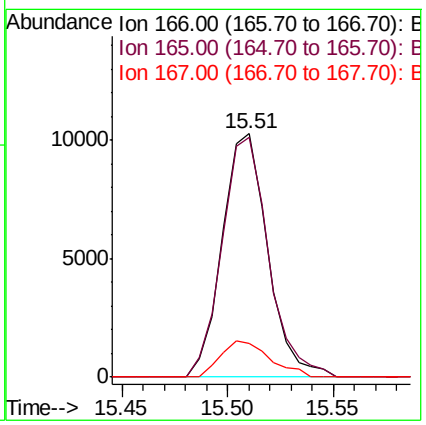


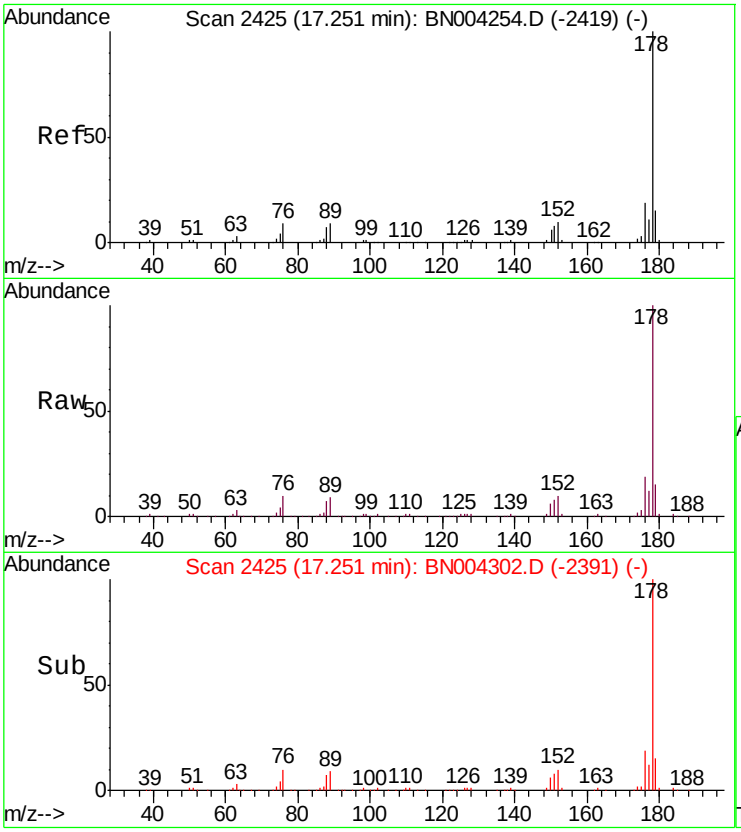


#58
Fluorene
Concen: 1.958 ng/ul
RT: 15.51 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BN004302.D
Acq: 29 Dec 2018 15:35

Tgt Ion:166 Resp: 15333

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.6	117.8
167	13.8	10.3	15.5



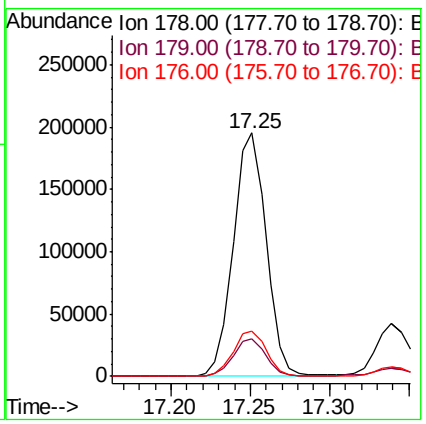


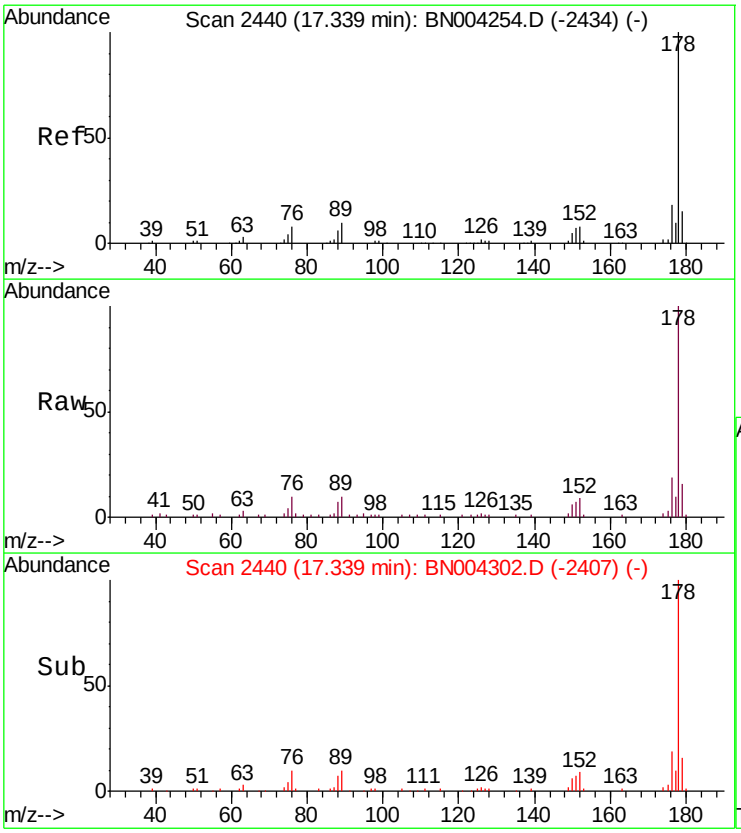
#69
Phenanthrene
Concen: 24.731 ng/ul
RT: 17.25 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BN004302.D
Acq: 29 Dec 2018 15:35

Instrument :
BNA_N
ClientSampleId :
A41T8

Tgt Ion:178 Resp: 281222

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	18.6	15.0	22.6

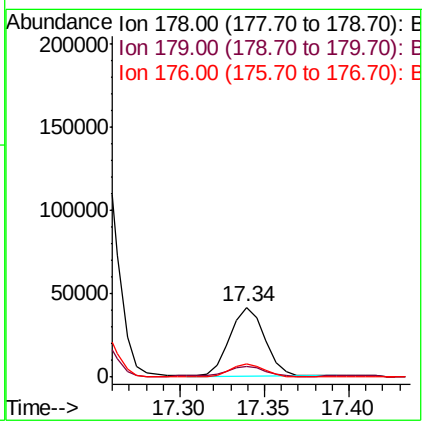


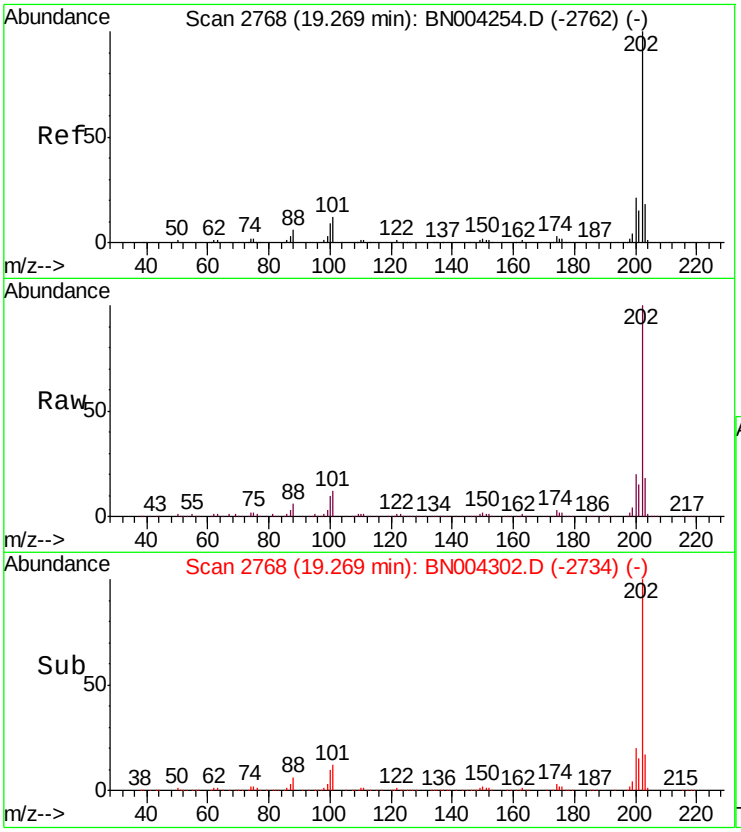


#71
Anthracene
Concen: 5.171 ng/ul
RT: 17.34 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BN004302.D
Acq: 29 Dec 2018 15:35

Tgt Ion:178 Resp: 60280

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.1	18.1
176	18.5	15.2	22.8



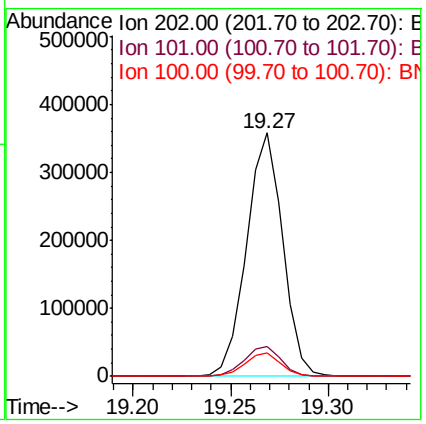


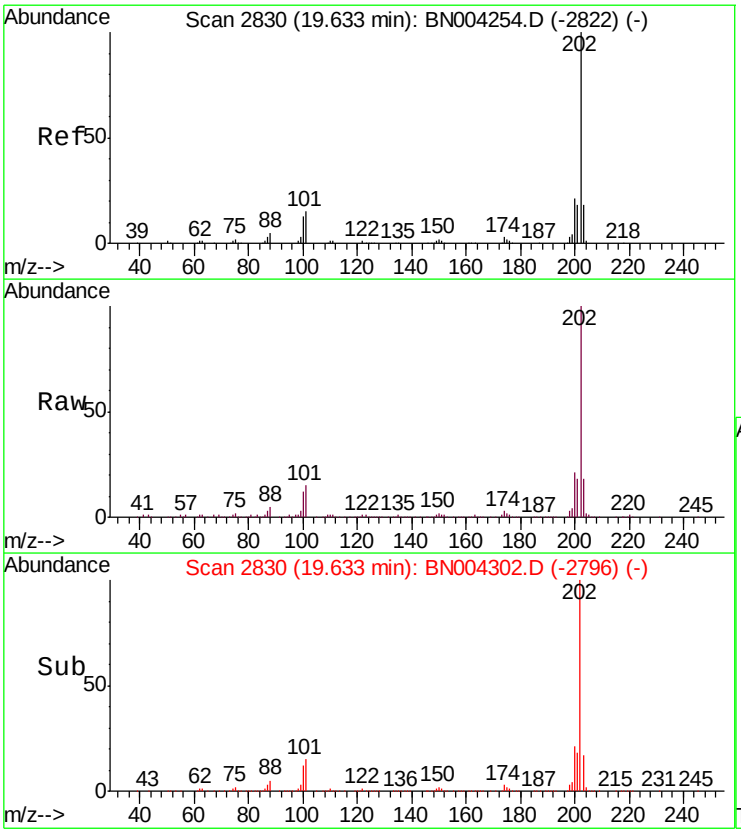
#76
Fluoranthene
Concen: 32.945 ng/ul
RT: 19.27 min Scan# 2768
Delta R.T. -0.00 min
Lab File: BN004302.D
Acq: 29 Dec 2018 15:35

Instrument :
BNA_N
ClientSampleId :
A41T8

Tgt Ion:202 Resp: 459204

Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.2	15.2
100	9.6	7.8	11.8

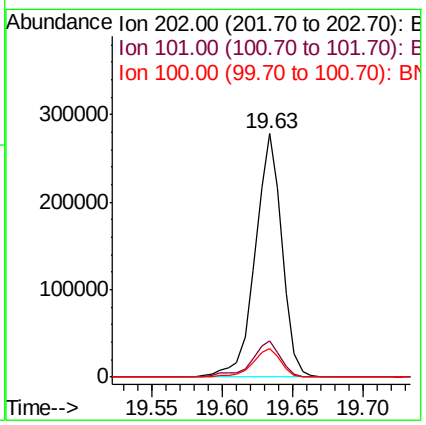


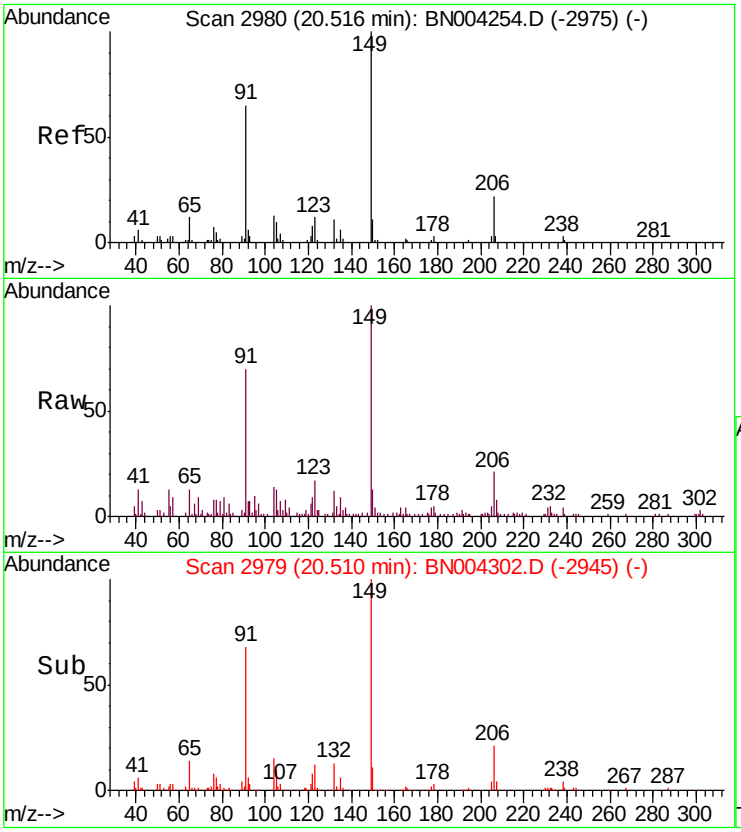


#79
Pyrene
Concen: 34.229 ng/ul
RT: 19.63 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BN004302.D
Acq: 29 Dec 2018 15:35

Tgt Ion:202 Resp: 372728

Ion	Ratio	Lower	Upper
202	100		
101	14.6	12.2	18.2
100	11.8	9.9	14.9



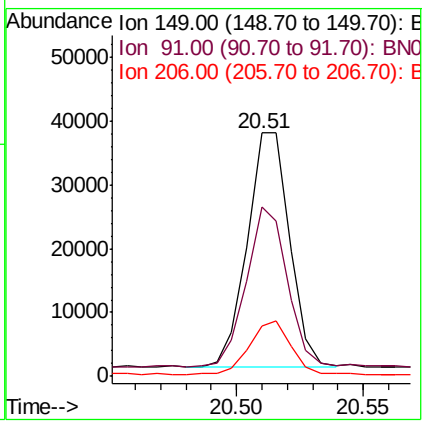


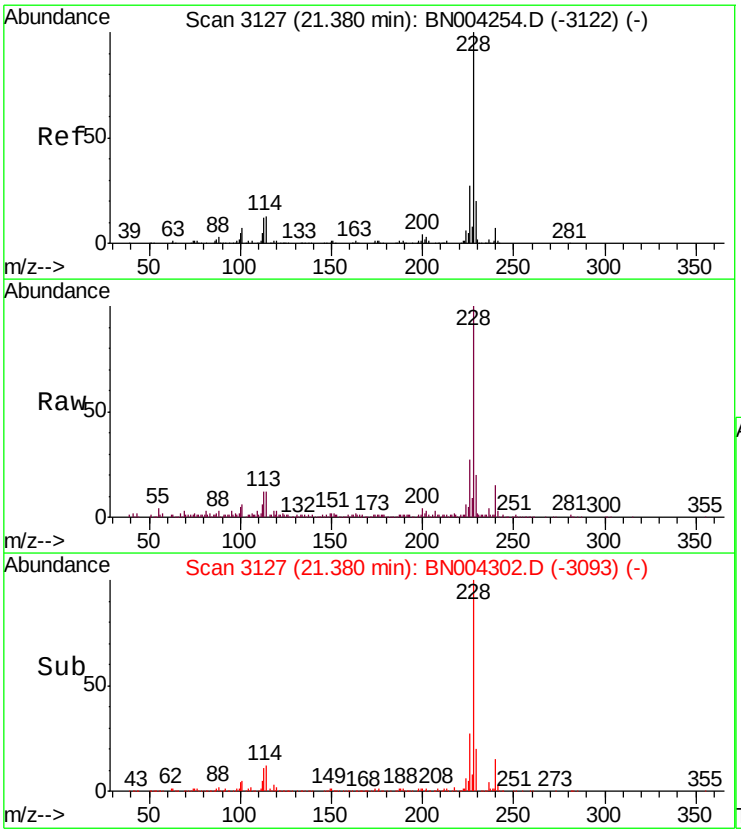
#80
Butylbenzylphthalate
Concen: 8.780 ng/ul
RT: 20.51 min Scan# 2979
Delta R.T. -0.00 min
Lab File: BN004302.D
Acq: 29 Dec 2018 15:35

Instrument :
BNA_N
ClientSampleId :
A41T8

Tgt Ion:149 Resp: 42721

Ion	Ratio	Lower	Upper
149	100		
91	69.6	53.0	79.4
206	20.5	17.1	25.7

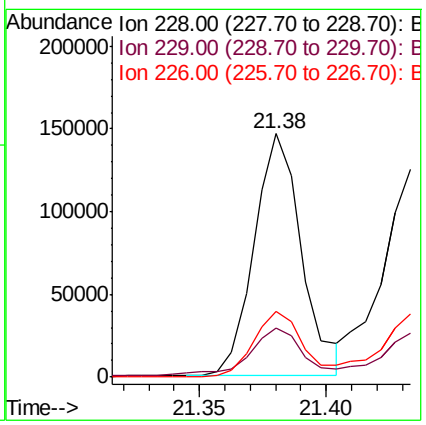


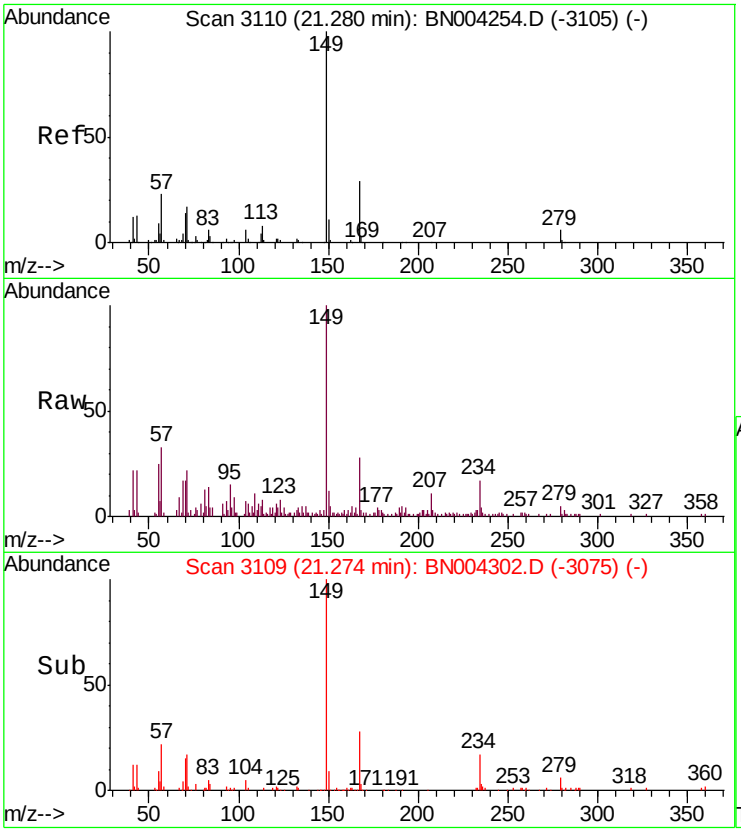


#82
Benzo(a)anthracene
Concen: 15.811 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BN004302.D
Acq: 29 Dec 2018 15:35

Tgt Ion:228 Resp: 192170

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.9	23.9
226	27.0	21.4	32.2



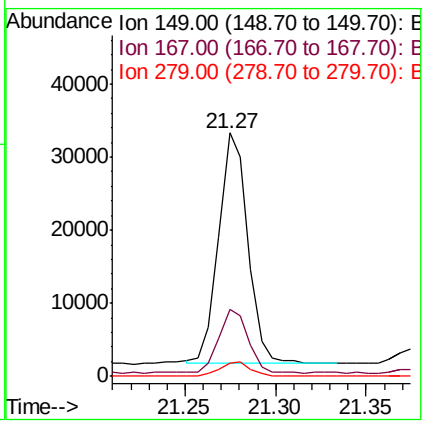


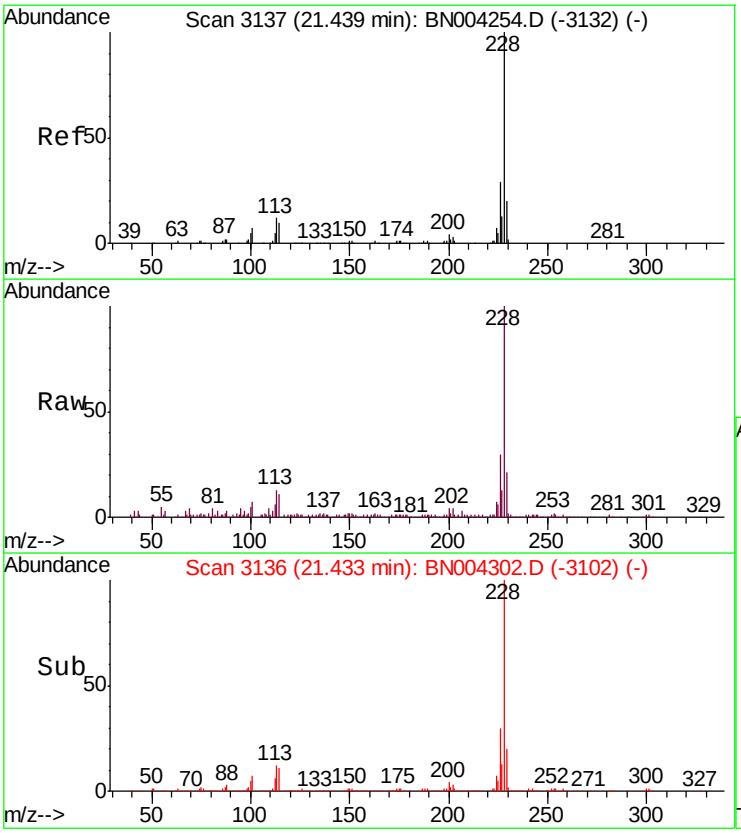
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.753 ng/ul
RT: 21.27 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BN004302.D
Acq: 29 Dec 2018 15:35

Instrument :
BNA_N
ClientSampleId :
A41T8

Tgt Ion:149 Resp: 35325

Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.0	34.4
279	5.3	4.4	6.6

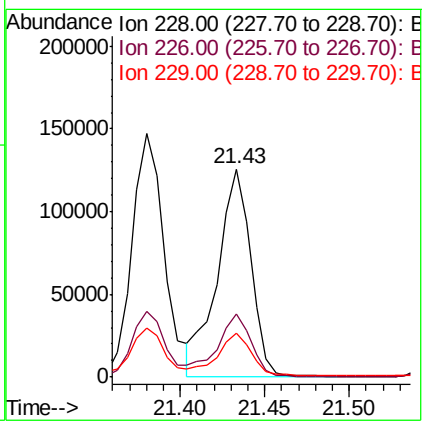


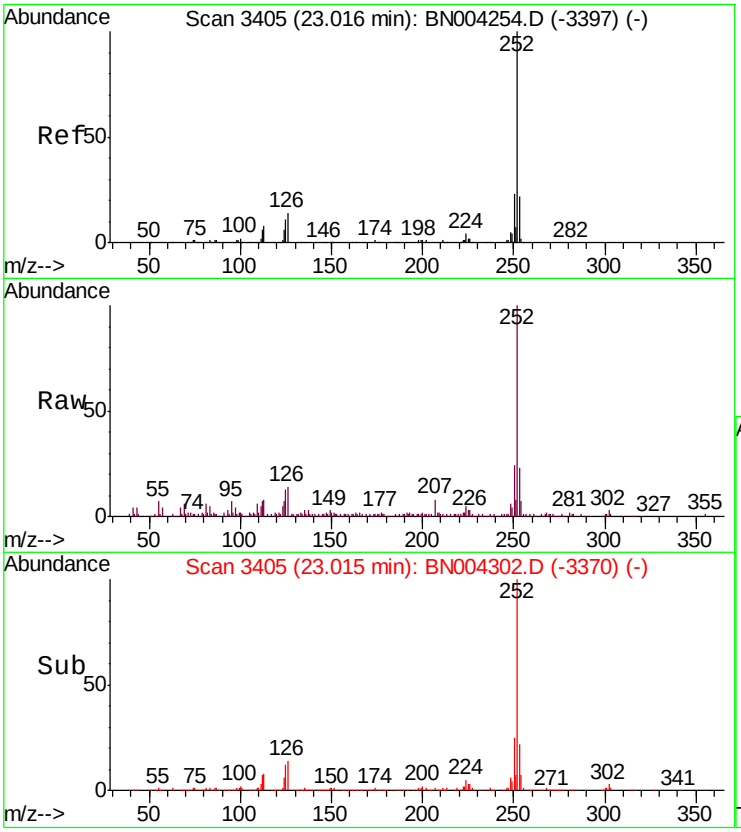


#84
Chrysene
Concen: 15.144 ng/ul
RT: 21.43 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BN004302.D
Acq: 29 Dec 2018 15:35

Tgt Ion:228 Resp: 172413

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.8
229	21.0	15.8	23.6



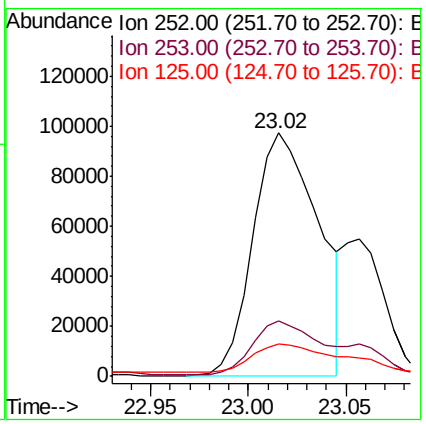


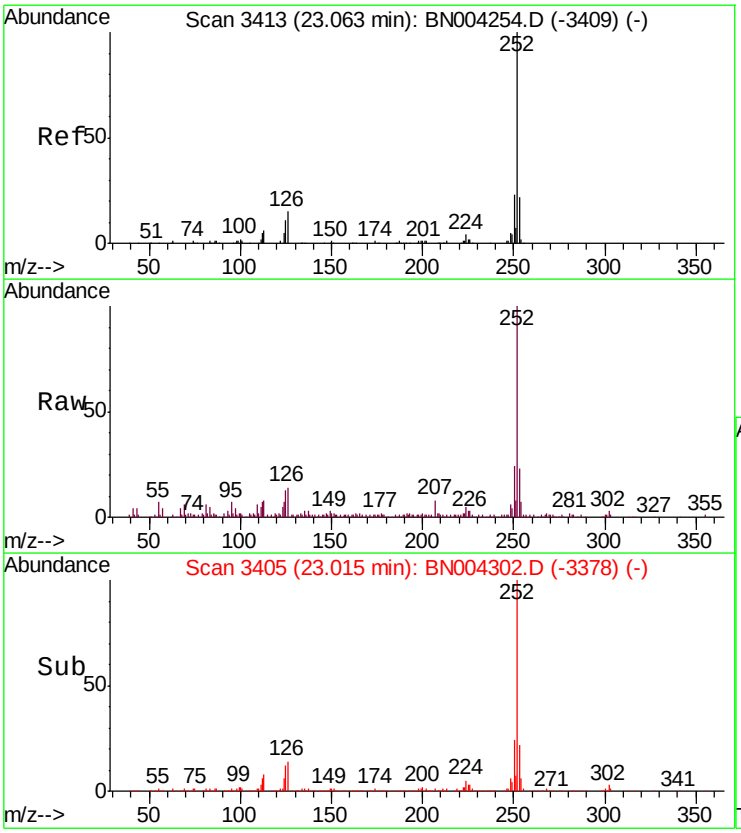
#87
Benzo(b)fluoranthene
Concen: 19.653 ng/ul
RT: 23.02 min Scan# 3405
Delta R.T. 0.01 min
Lab File: BN004302.D
Acq: 29 Dec 2018 15:35

Instrument :
BNA_N
ClientSampleId :
A41T8

Tgt Ion:252 Resp: 225749

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	13.2	8.2	12.4#

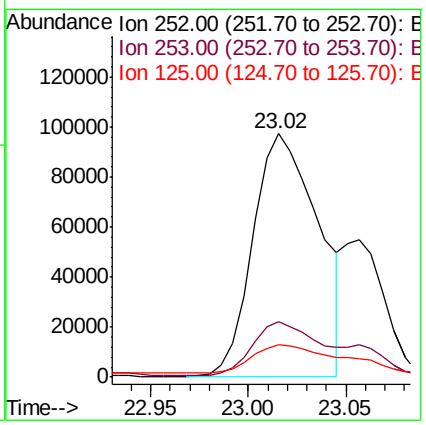


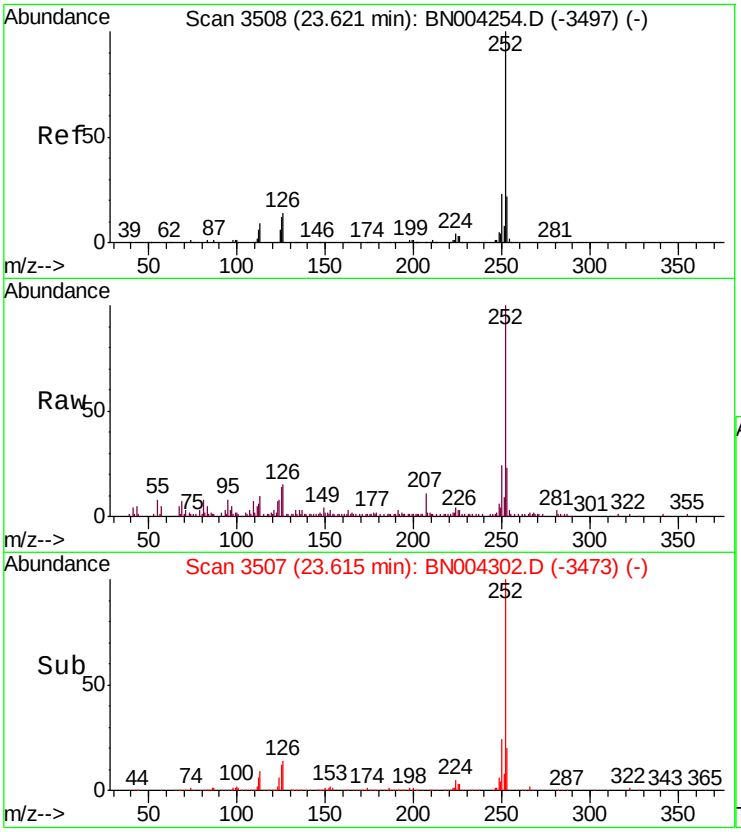


#88
Benzo(k)fluoranthene
Concen: 20.989 ng/ul
RT: 23.02 min Scan# 3405
Delta R.T. -0.04 min
Lab File: BN004302.D
Acq: 29 Dec 2018 15:35

Tgt Ion:252 Resp: 225749

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	13.2	7.9	11.9#



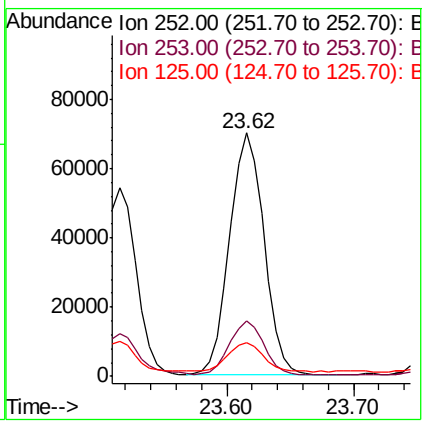


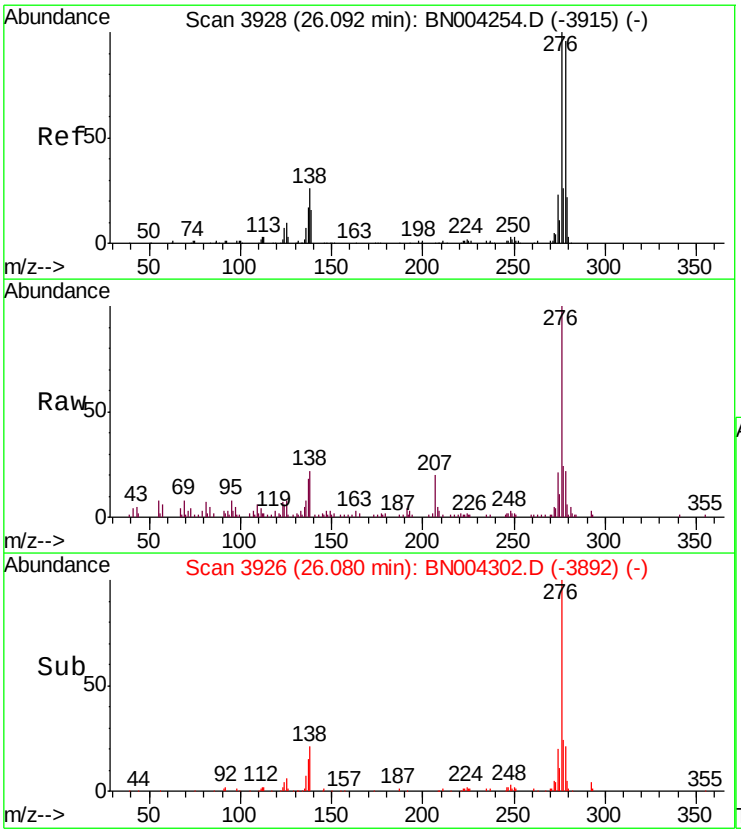
#90
Benzo(a)pyrene
Concen: 11.891 ng/ul
RT: 23.62 min Scan# 3507
Delta R.T. -0.00 min
Lab File: BN004302.D
Acq: 29 Dec 2018 15:35

Instrument :
BNA_N
ClientSampleId :
A41T8

Tgt Ion:252 Resp: 131540

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	13.8	9.1	13.7#

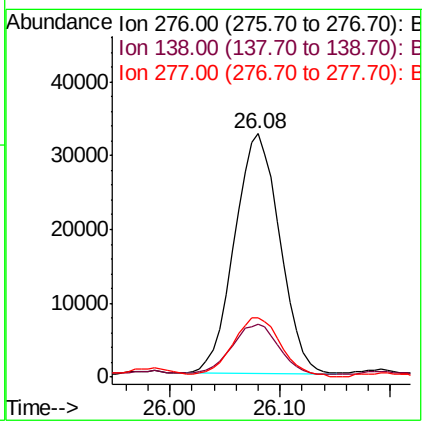


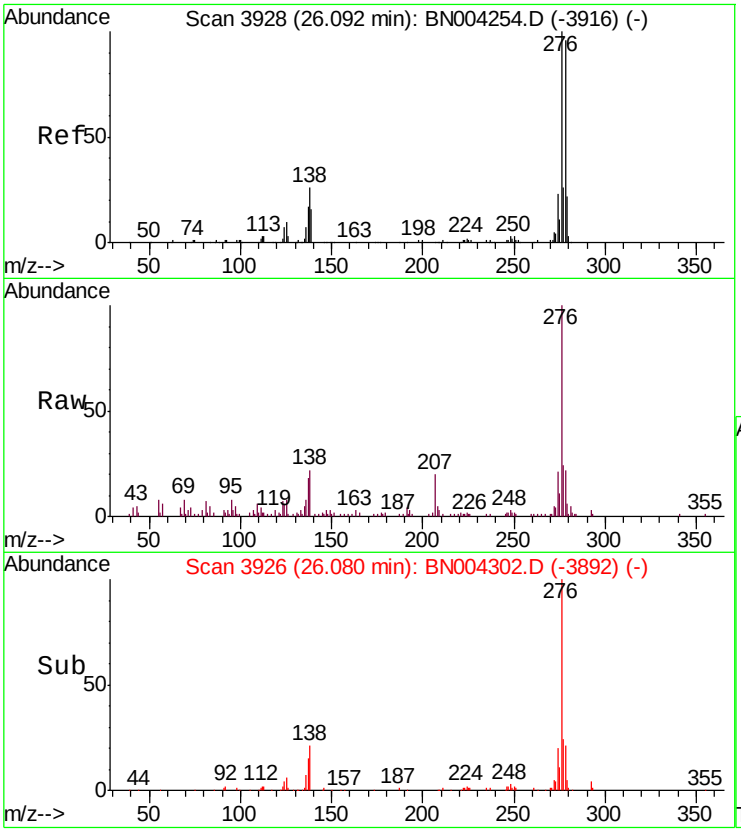


#91
Indeno(1,2,3-cd)pyrene
Concen: 6.505 ng/ul
RT: 26.08 min Scan# 3926
Delta R.T. -0.00 min
Lab File: BN004302.D
Acq: 29 Dec 2018 15:35

Tgt Ion:276 Resp: 93800

Ion	Ratio	Lower	Upper
276	100		
138	21.9	20.4	30.6
277	24.4	20.6	30.8



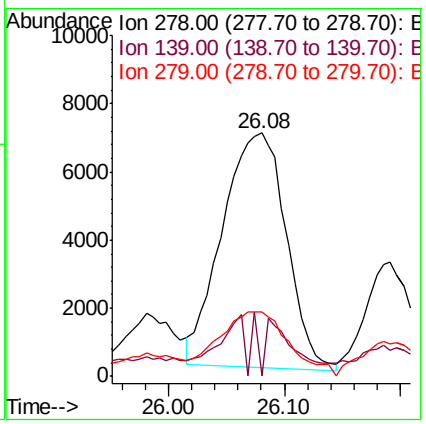


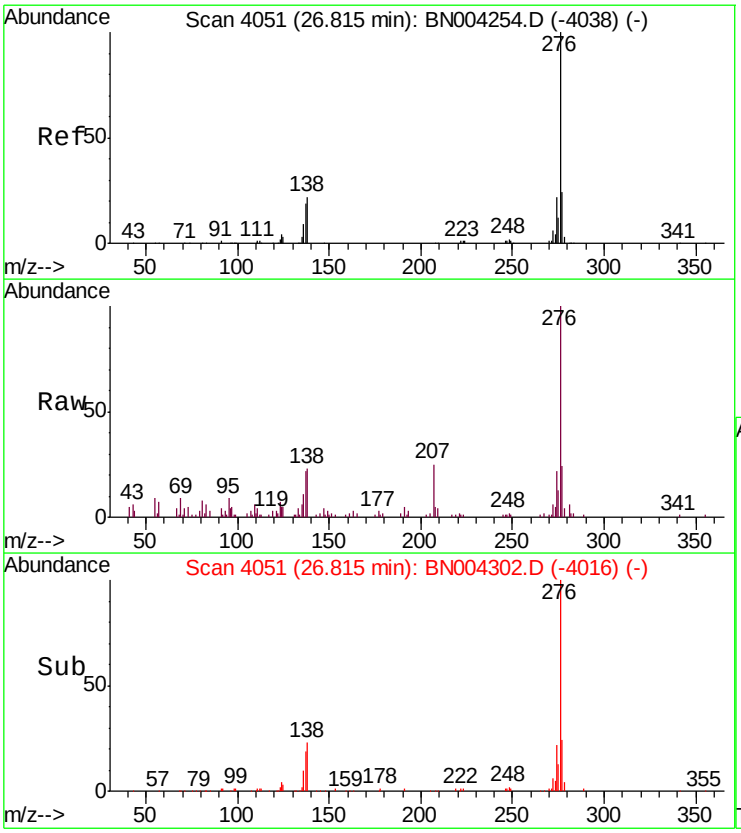
#92
Dibenzo(a,h)anthracene
Concen: 2.207 ng/ul
RT: 26.08 min Scan# 3926
Delta R.T. -0.00 min
Lab File: BN004302.D
Acq: 29 Dec 2018 15:35

Instrument :
BNA_N
ClientSampleId :
A41T8

Tgt Ion:278 Resp: 26459

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.3	19.9#
279	26.3	19.0	28.6





#93
Benzo(g,h,i)perylene
Concen: 7.500 ng/ul
RT: 26.82 min Scan# 4051
Delta R.T. 0.01 min
Lab File: BN004302.D
Acq: 29 Dec 2018 15:35

Tgt Ion:276 Resp: 90525

Ion	Ratio	Lower	Upper
276	100		
138	22.7	18.2	27.4
277	24.4	19.0	28.6