Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
Data File : BN002916.D
Acq On : 04 Oct 2018 00:19
Operator : MJ/SJ
Sample : J5115-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC66

Quant Time: Oct 04 04:36:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 04 04:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	135589	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	604331	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	352976	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	792484	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	709805	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	572674	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	10262	3.49	ng/uL	0.00
5) Phenol-d5	6.82	99	223120	19.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	146786	20.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	194540	20.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	168135	18.85	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	95155	20.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	110222	20.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	187789	19.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	222647	20.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	597900	21.64	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	766809	21.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	66117	14.47	ng/ul	0.00
57) Fluorene-d10	15.26	176	541833	22.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	74278	14.98	ng/ul	0.00
70) Anthracene-d10	17.11	188	824195	21.78	ng/ul	0.00
78) Pyrene-d10	19.42	212	873278	23.31	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	657313	21.81	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.84	94	23553	2.029	ng/ul	93
14) Acetophenone	8.45	105	15062	1.096	ng/ul	97
44) Dimethylphthalate	13.72	163	163568	6.066	ng/ul	99
69) Phenanthrene	17.06	178	218581	5.006	ng/ul	100
71) Anthracene	17.15	178	47870	1.081	ng/ul	97
75) Di-n-butylphthalate	17.99	149	221445	4.858	ng/ul	99
76) Fluoranthene	19.08	202	437303	9.389	ng/ul	100
79) Pyrene	19.45	202	388041	8.268	ng/ul	98
80) Butylbenzylphthalate	20.36	149	103846	5.318	ng/ul	96
82) Benzo(a)anthracene	21.20	228	179493	4.065	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.14	149	567177	20.005	ng/ul	98
84) Chrysene	21.26	228	352961	8.528	ng/ul	99
87) Benzo(b)fluoranthene	22.77	252	349487	9.993	ng/ul#	93
88) Benzo(k)fluoranthene	22.81	252	93667	2.871	ng/ul#	93
90) Benzo(a)pyrene	23.33	252	135803	4.107	ng/ul#	90
91) Indeno(1,2,3-cd)pyrene	25.63	276	138519	3.539	ng/ul	95
92) Dibenzo(a,h)anthracene	25.62	278	34487	1.046	ng/ul#	85
93) Benzo(g,h,i)perylene	26.29	276	155488	4.752	ng/ul	96

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

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Instrument :
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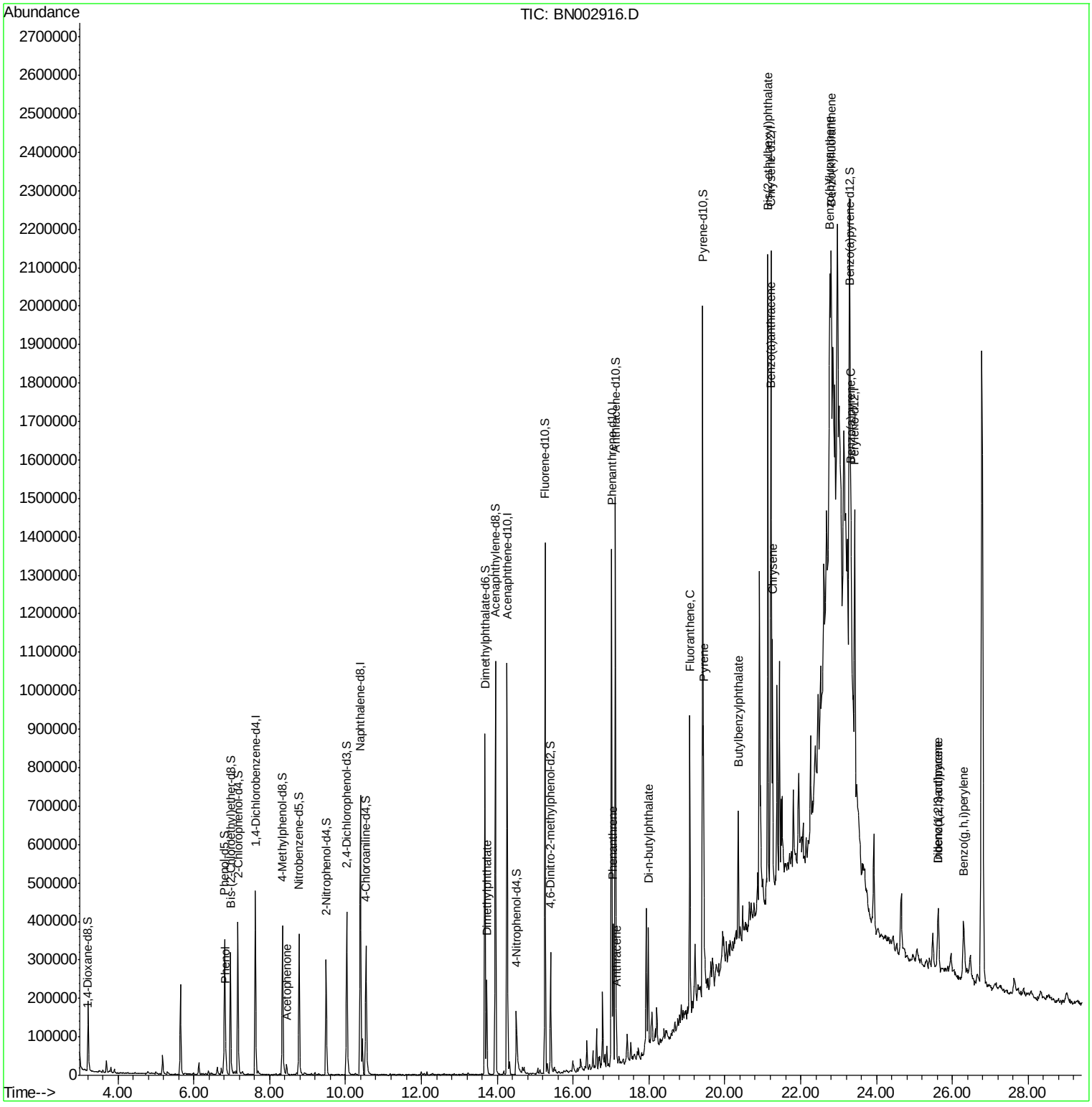
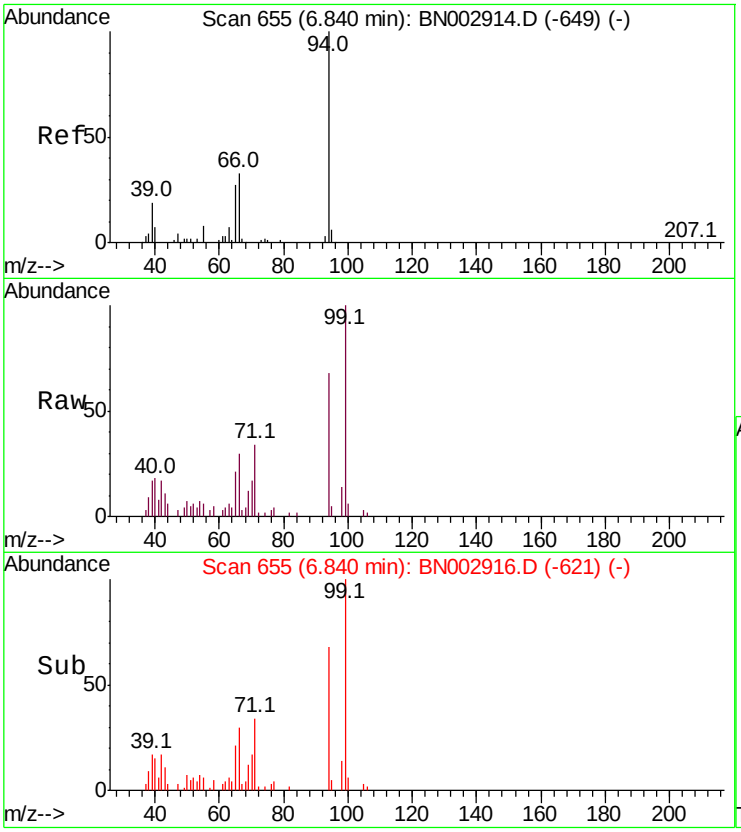


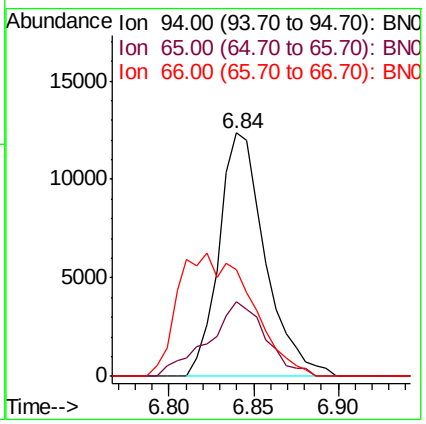


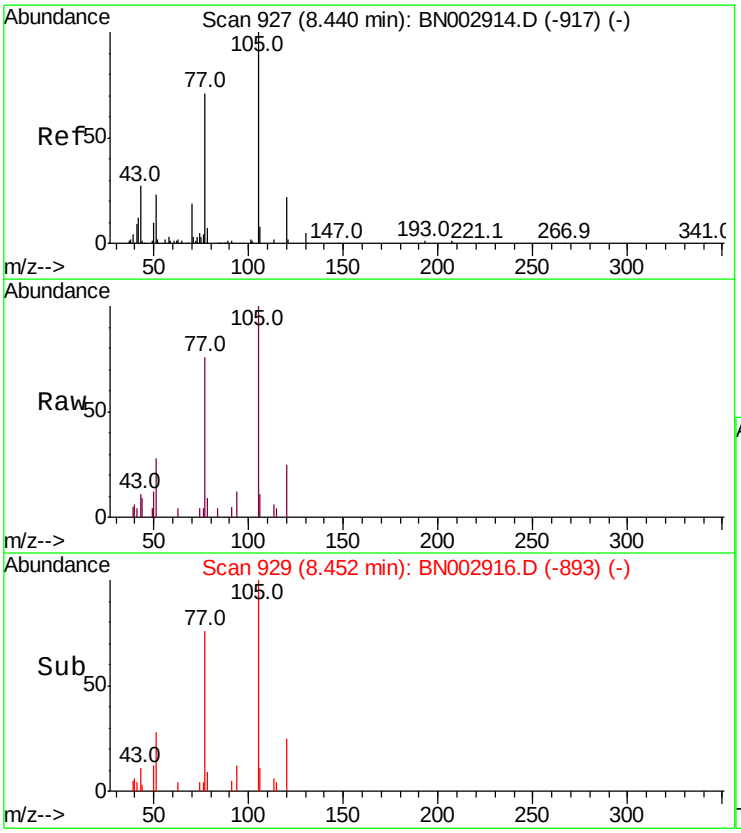
#6
Phenol
Concen: 2.029 ng/ul
RT: 6.84 min Scan# 655
Delta R.T. 0.00 min
Lab File: BN002916.D
Acq: 04 Oct 2018 00:19

Instrument :
BNA_N
ClientSampleId :
JLC66

Tgt Ion: 94 Resp: 23553

Ion	Ratio	Lower	Upper
94	100		
65	30.4	23.1	34.7
66	43.7	29.8	44.6

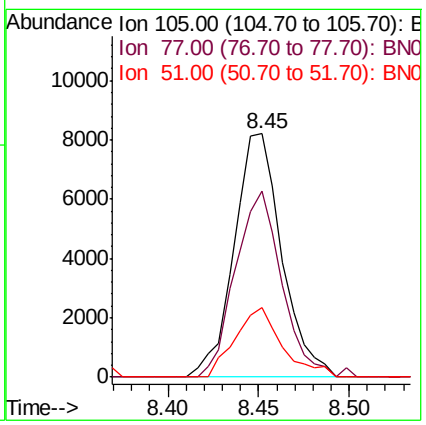


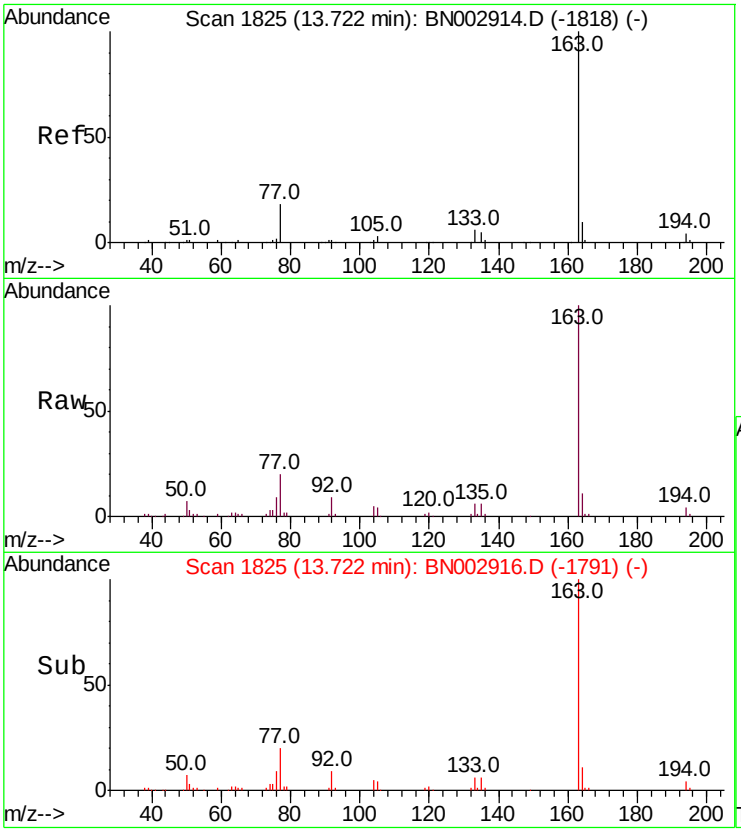


#14
Acetophenone
Concen: 1.096 ng/ul
RT: 8.45 min Scan# 929
Delta R.T. 0.01 min
Lab File: BN002916.D
Acq: 04 Oct 2018 00:19

Tgt Ion:105 Resp: 15062

Ion	Ratio	Lower	Upper
105	100		
77	76.2	62.9	94.3
51	28.5	21.9	32.9



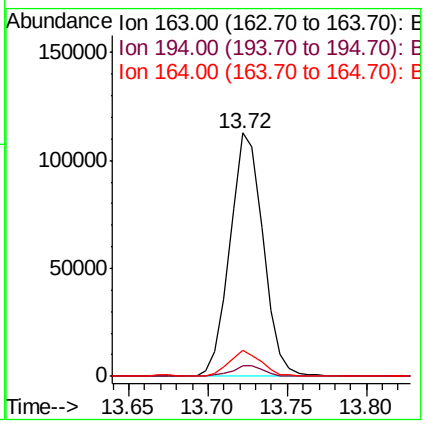


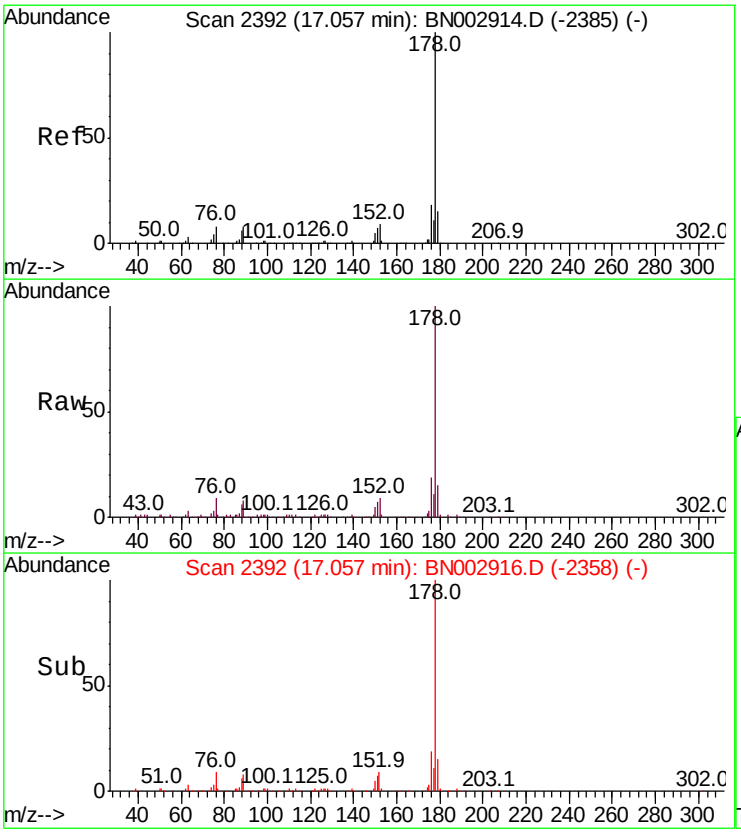
#44
Dimethylphthalate
Concen: 6.066 ng/ul
RT: 13.72 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BN002916.D
Acq: 04 Oct 2018 00:19

Instrument :
BNA_N
ClientSampleId :
JLC66

Tgt Ion:163 Resp: 163568

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.7	8.1	12.1

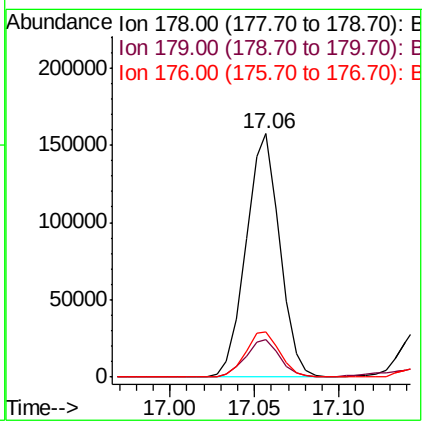


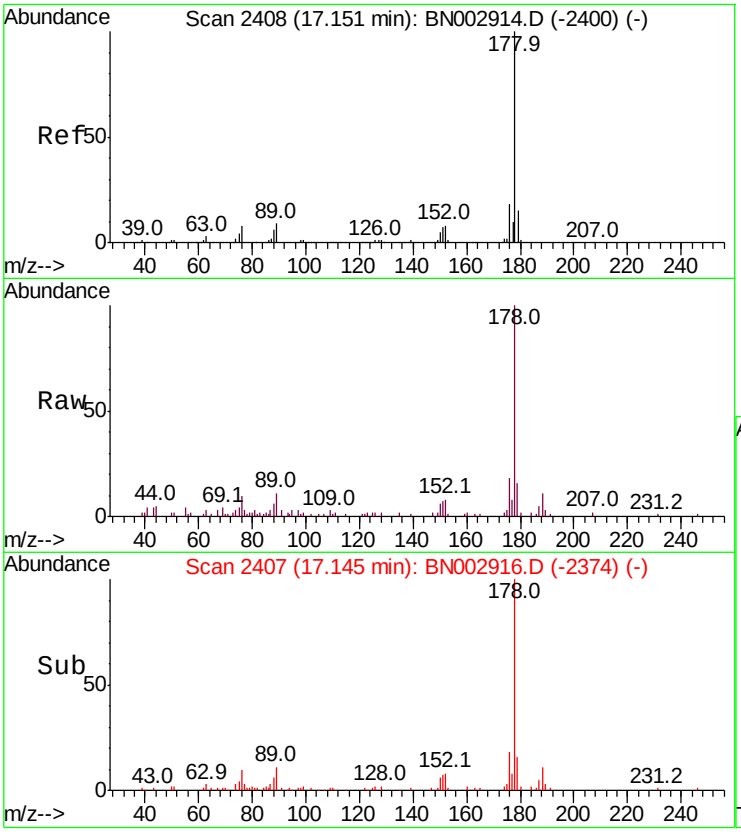


#69
Phenanthrene
Concen: 5.006 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BN002916.D
Acq: 04 Oct 2018 00:19

Tgt Ion:178 Resp: 218581

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	18.8	15.0	22.6



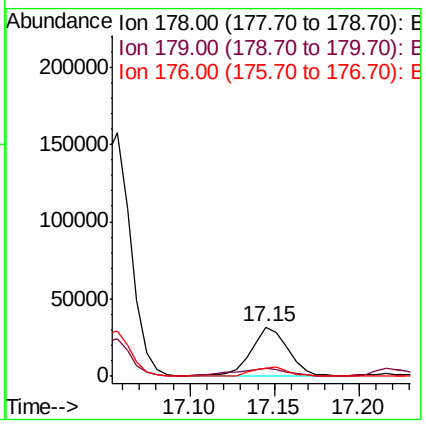


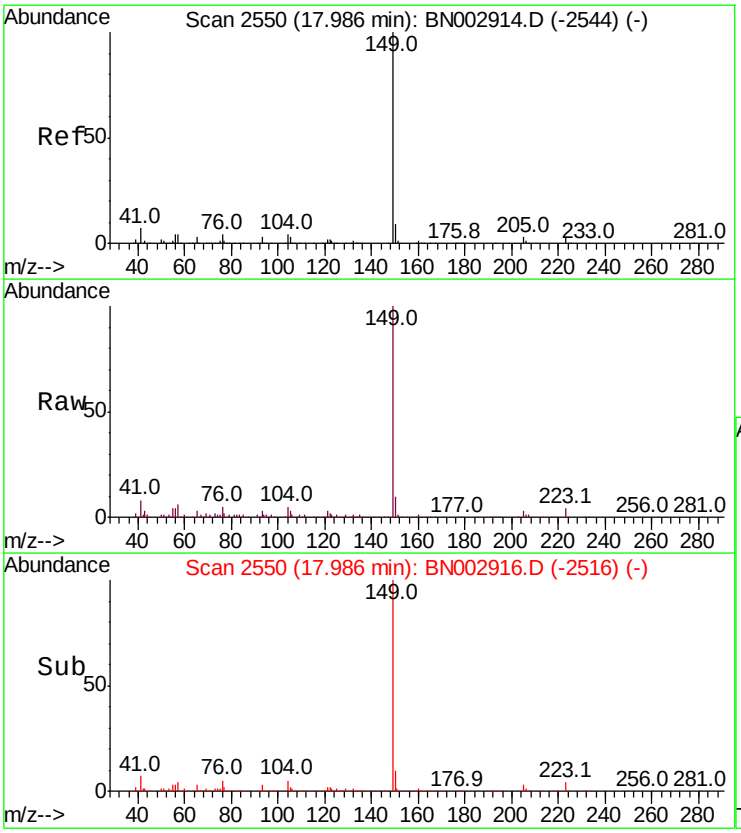
#71
Anthracene
Concen: 1.081 ng/ul
RT: 17.15 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BN002916.D
Acq: 04 Oct 2018 00:19

Instrument :
BNA_N
ClientSampleId :
JLC66

Tgt Ion:178 Resp: 47870

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.0	18.0
176	17.6	15.0	22.4

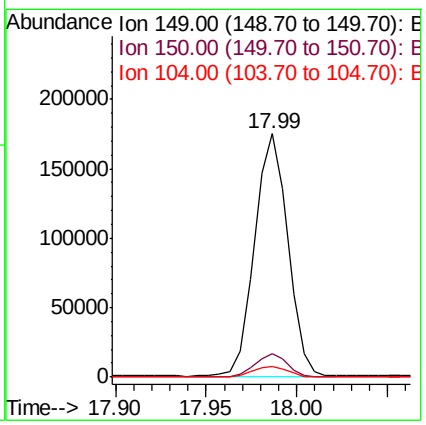


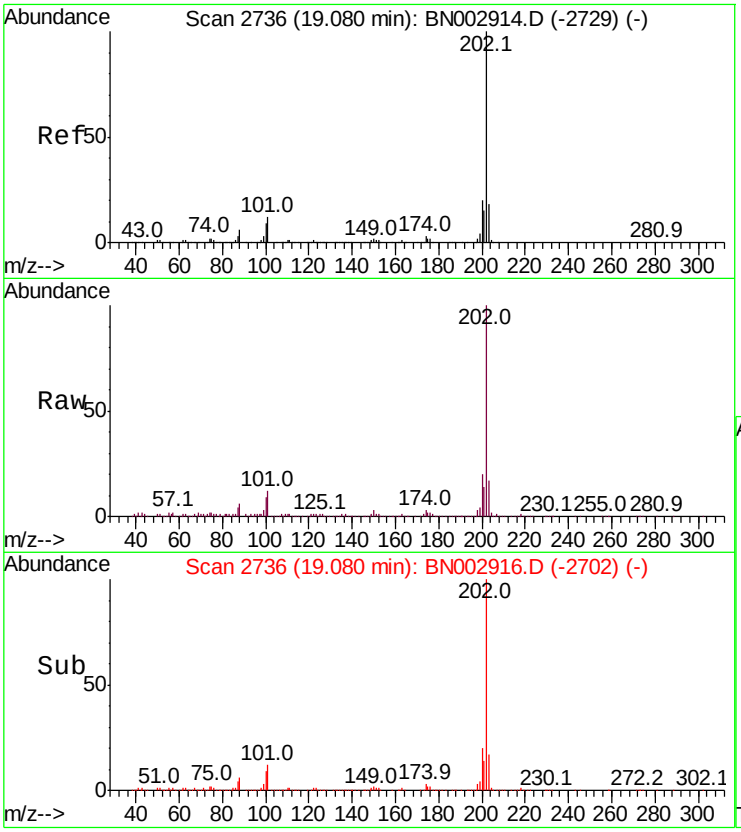


#75
Di-n-butylphthalate
Concen: 4.858 ng/ul
RT: 17.99 min Scan# 2550
Delta R.T. 0.00 min
Lab File: BN002916.D
Acq: 04 Oct 2018 00:19

Tgt Ion:149 Resp: 221445

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.3	10.9
104	4.6	3.7	5.5



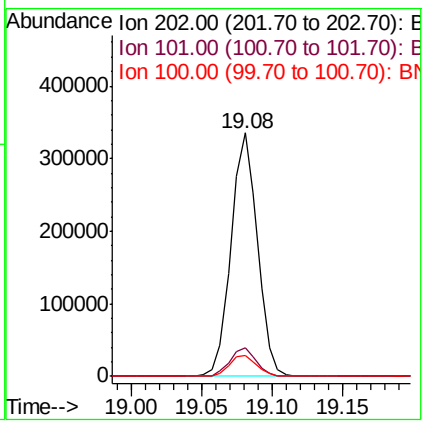


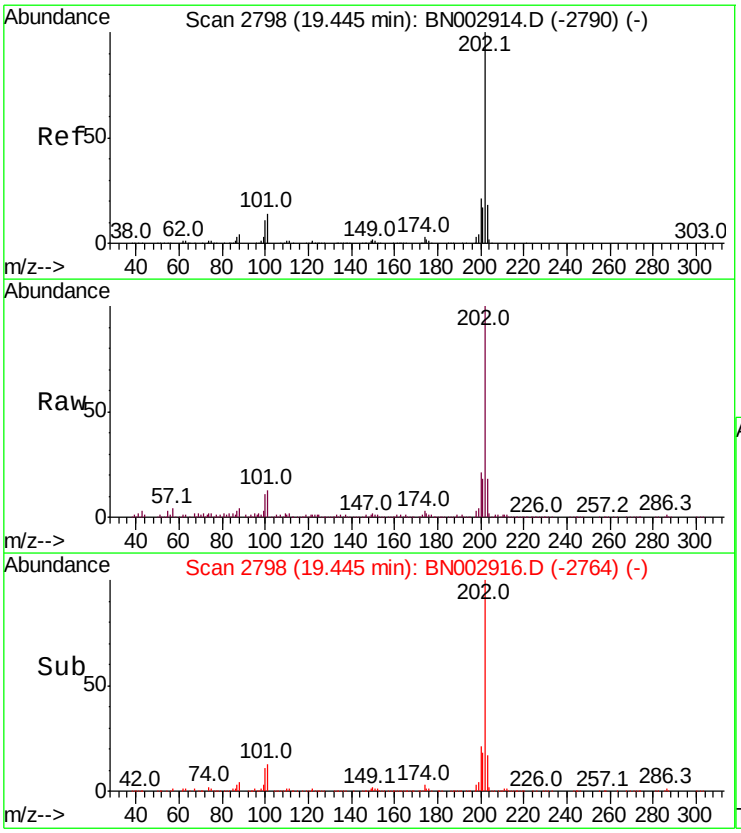
#76
Fluoranthene
Concen: 9.389 ng/ul
RT: 19.08 min Scan# 2736
Delta R.T. 0.00 min
Lab File: BN002916.D
Acq: 04 Oct 2018 00:19

Instrument :
BNA_N
ClientSampleId :
JLC66

Tgt Ion:202 Resp: 437303

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.4	14.2
100	8.8	7.0	10.6

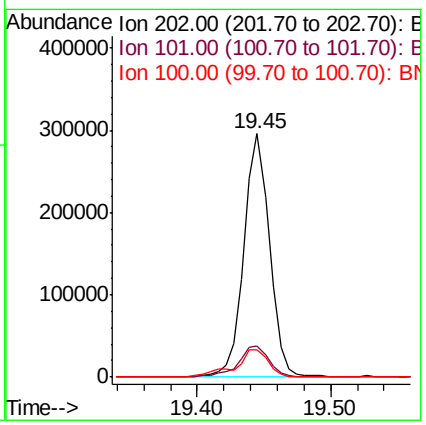


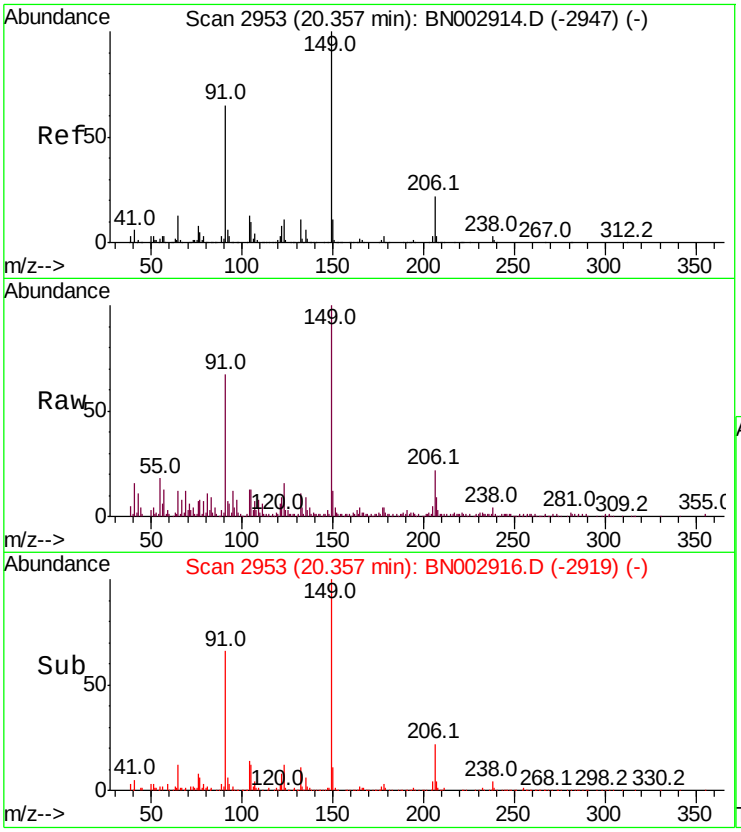


#79
Pyrene
Concen: 8.268 ng/ul
RT: 19.45 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BN002916.D
Acq: 04 Oct 2018 00:19

Tgt Ion:202 Resp: 388041

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.8	16.2
100	11.1	8.2	12.2



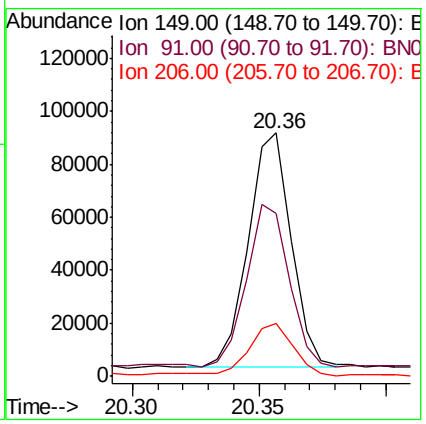


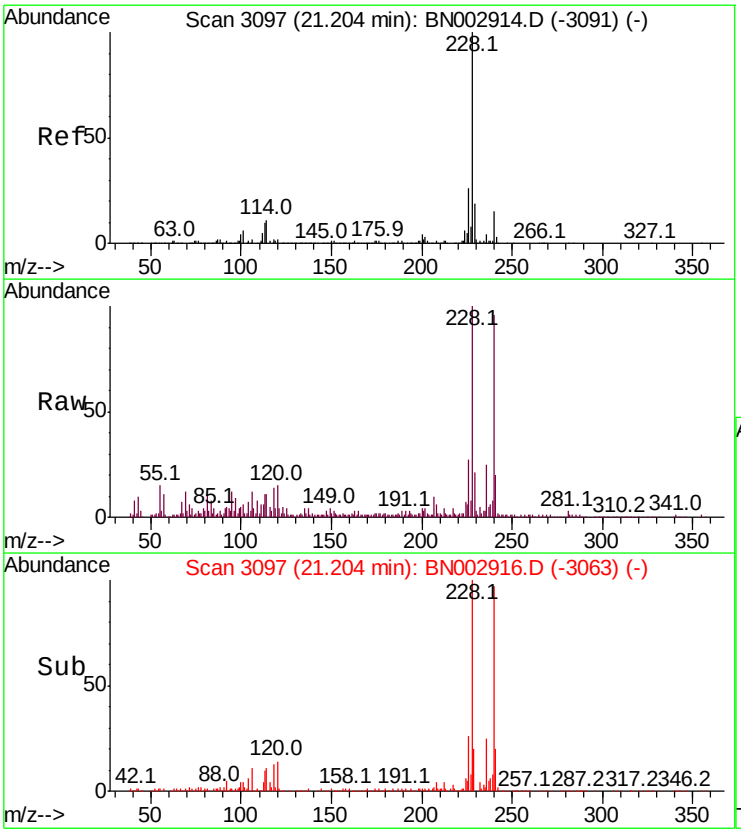
#80
Butylbenzylphthalate
Concen: 5.318 ng/ul
RT: 20.36 min Scan# 2953
Delta R.T. 0.00 min
Lab File: BN002916.D
Acq: 04 Oct 2018 00:19

Instrument :
BNA_N
ClientSampleId :
JLC66

Tgt Ion:149 Resp: 103846

Ion	Ratio	Lower	Upper
149	100		
91	67.0	56.3	84.5
206	21.9	16.8	25.2

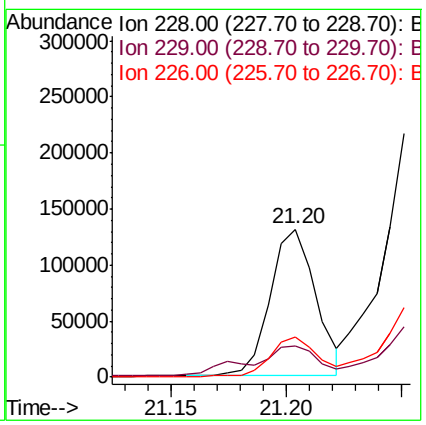


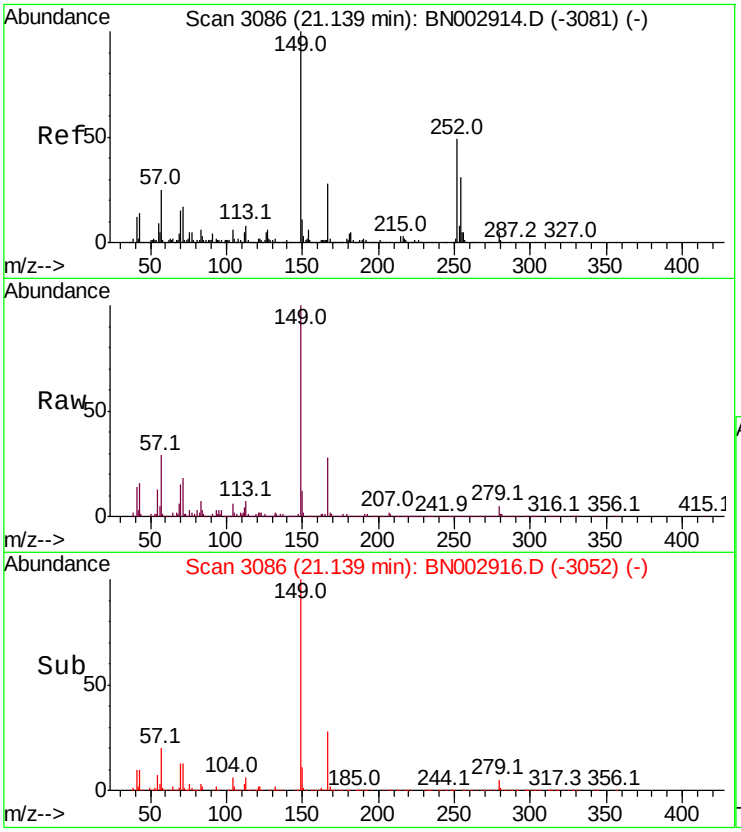


#82
Benzo(a)anthracene
Concen: 4.065 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BN002916.D
Acq: 04 Oct 2018 00:19

Tgt Ion:228 Resp: 179493

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.8	23.6
226	26.9	20.9	31.3



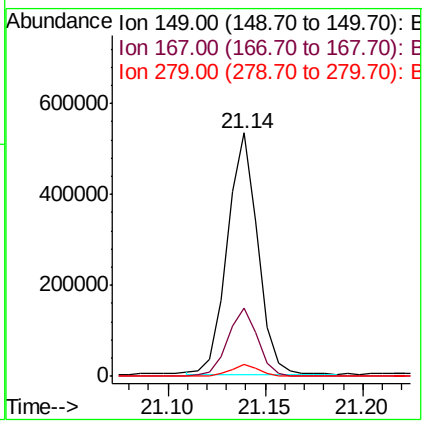


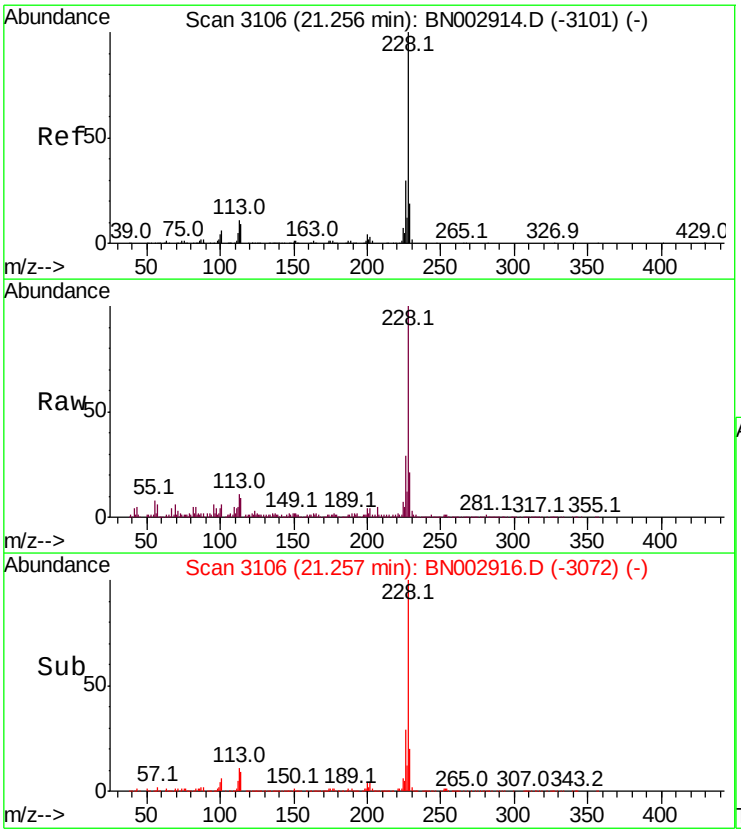
#83
Bis(2-ethylhexyl)phthalate
Concen: 20.005 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. 0.00 min
Lab File: BN002916.D
Acq: 04 Oct 2018 00:19

Instrument :
BNA_N
ClientSampleId :
JLC66

Tgt Ion:149 Resp: 567177

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.0	33.0
279	4.7	3.3	4.9

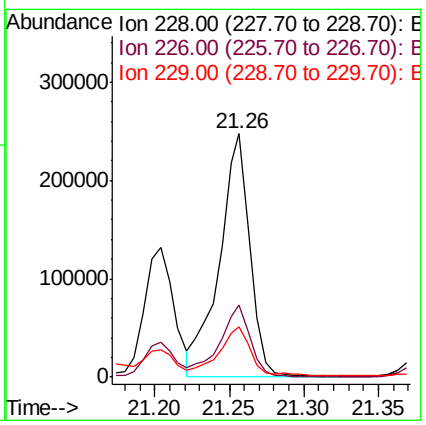


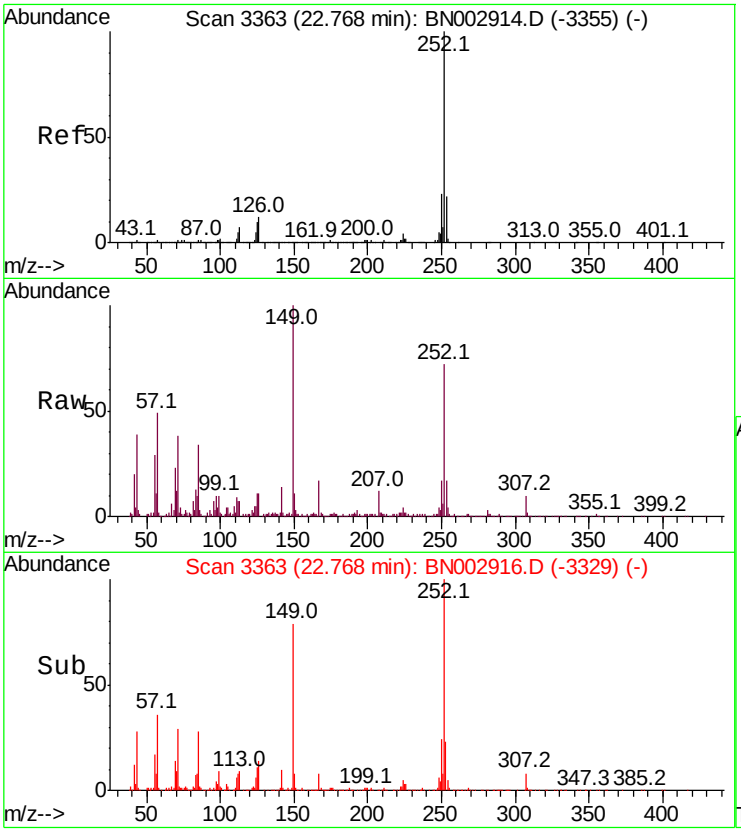


#84
Chrysene
Concen: 8.528 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BN002916.D
Acq: 04 Oct 2018 00:19

Tgt Ion:228 Resp: 352961

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.0
229	20.8	15.7	23.5



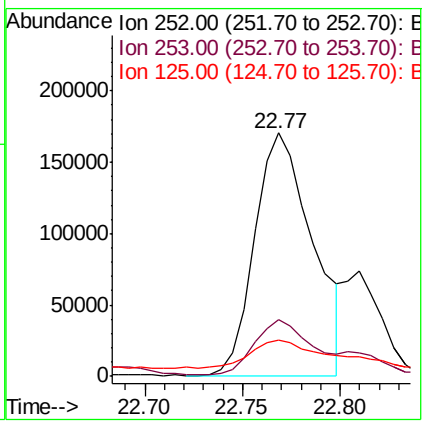


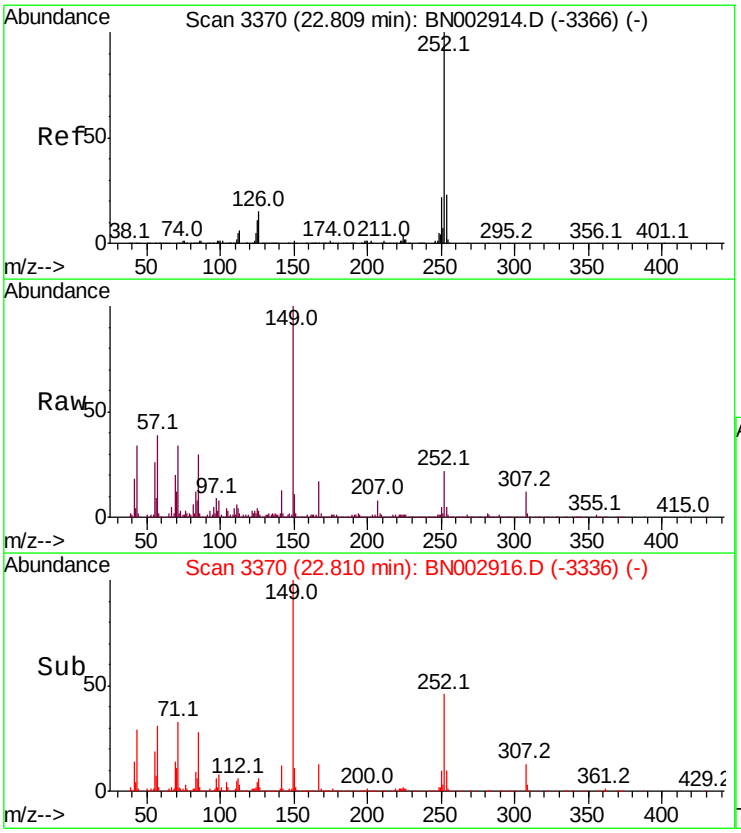
#87
Benzo(b)fluoranthene
Concen: 9.993 ng/ul
RT: 22.77 min Scan# 3363
Delta R.T. 0.00 min
Lab File: BN002916.D
Acq: 04 Oct 2018 00:19

Instrument :
BNA_N
ClientSampleId :
JLC66

Tgt Ion:252 Resp: 349487

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.4
125	14.9	8.0	12.0#

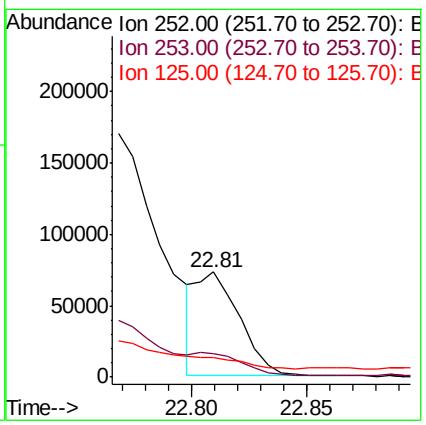


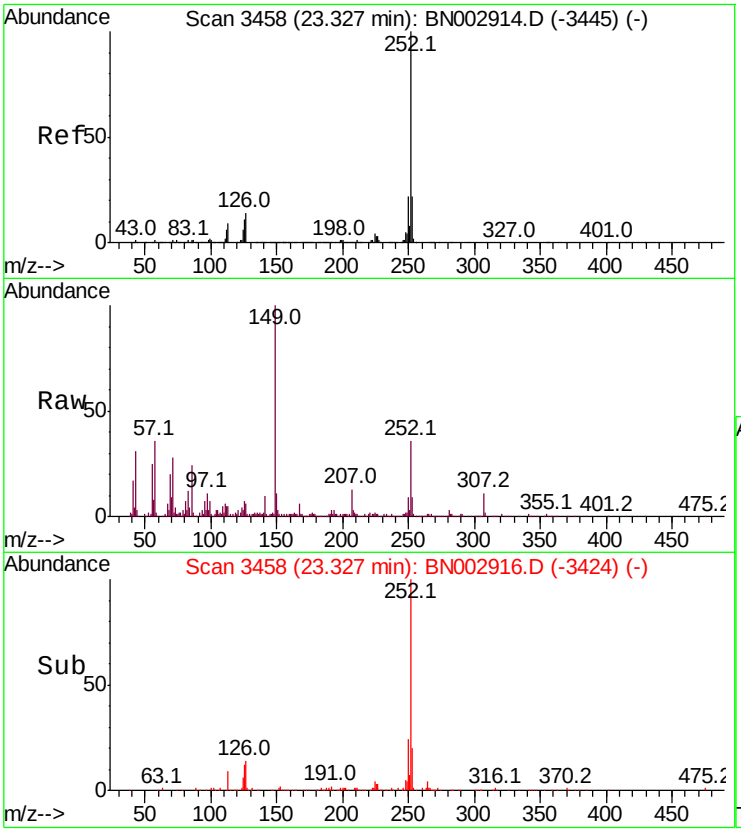


#88
Benzo(k)fluoranthene
Concen: 2.871 ng/ul
RT: 22.81 min Scan# 3370
Delta R.T. 0.00 min
Lab File: BN002916.D
Acq: 04 Oct 2018 00:19

Tgt Ion:252 Resp: 93667

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	18.1	8.3	12.5#



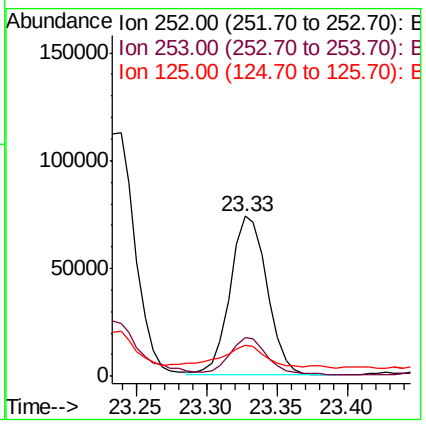


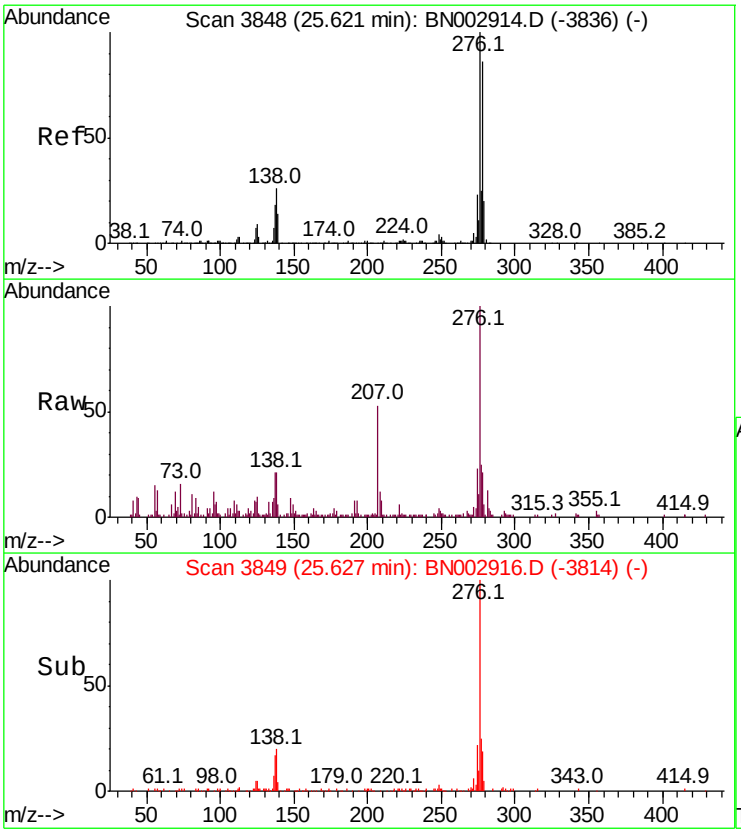
#90
Benzo(a)pyrene
Concen: 4.107 ng/ul
RT: 23.33 min Scan# 3458
Delta R.T. 0.00 min
Lab File: BN002916.D
Acq: 04 Oct 2018 00:19

Instrument :
BNA_N
ClientSampleId :
JLC66

Tgt Ion:252 Resp: 135803

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	19.5	8.8	13.2#

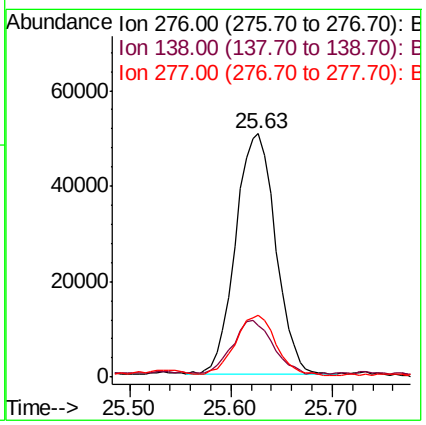


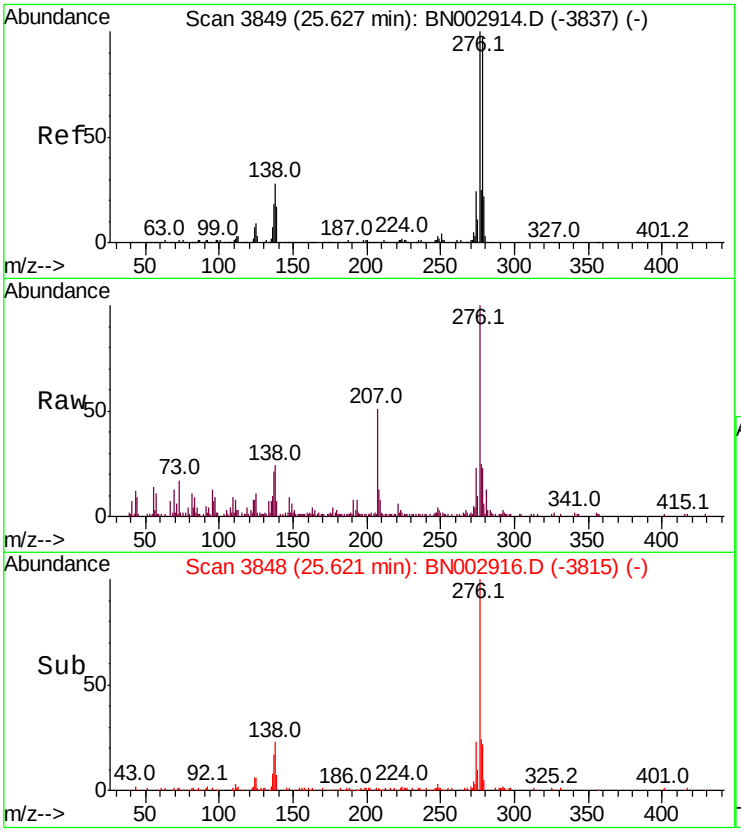


#91
Indeno(1,2,3-cd)pyrene
Concen: 3.539 ng/ul
RT: 25.63 min Scan# 3849
Delta R.T. 0.01 min
Lab File: BN002916.D
Acq: 04 Oct 2018 00:19

Tgt Ion:276 Resp: 138519

Ion	Ratio	Lower	Upper
276	100		
138	21.0	20.2	30.4
277	25.3	20.0	30.0



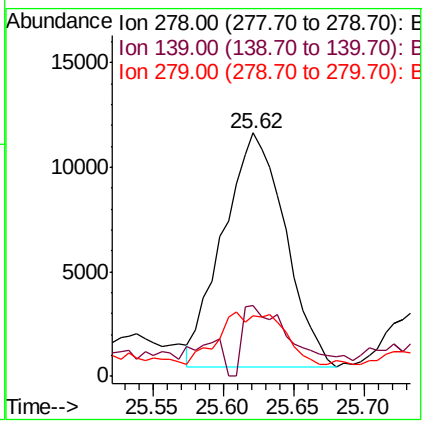


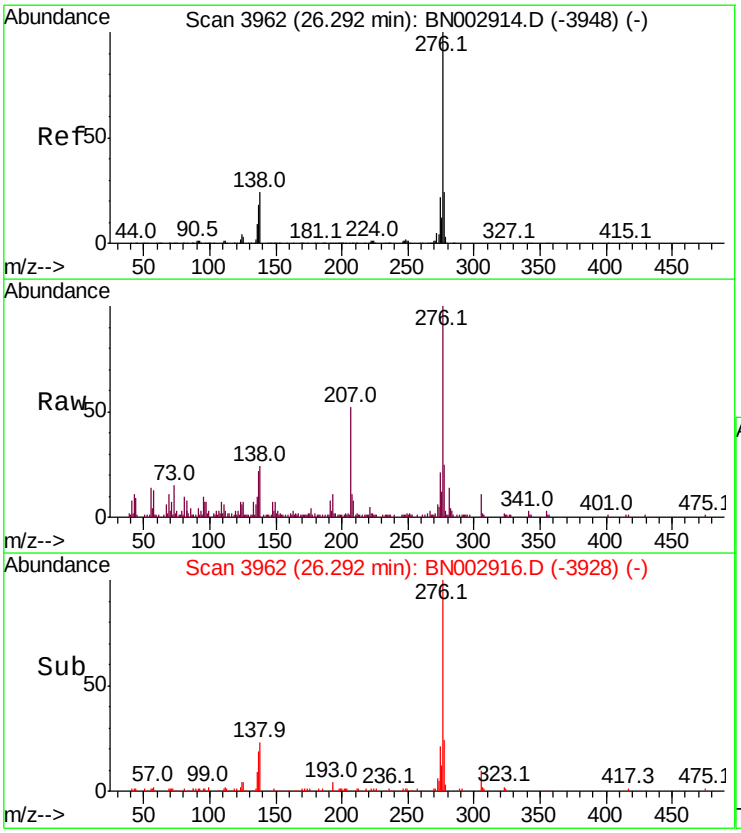
#92
Dibenzo(a,h)anthracene
Concen: 1.046 ng/ul
RT: 25.62 min Scan# 3848
Delta R.T. -0.01 min
Lab File: BN002916.D
Acq: 04 Oct 2018 00:19

Instrument :
BNA_N
ClientSampleId :
JLC66

Tgt Ion:278 Resp: 34487

Ion	Ratio	Lower	Upper
278	100		
139	29.1	12.7	19.1#
279	25.0	18.7	28.1





#93
Benzo(g,h,i)perylene
Concen: 4.752 ng/ul
RT: 26.29 min Scan# 3962
Delta R.T. 0.00 min
Lab File: BN002916.D
Acq: 04 Oct 2018 00:19

Tgt Ion:276 Resp: 155488

Ion	Ratio	Lower	Upper
276	100		
138	24.2	18.2	27.2
277	25.2	18.6	28.0