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

Quantitation Report (Not Reviewed)

Data File : BN004293.D
Acq On : 29 Dec 2018 10:17
Operator : JU/SJ
Sample : J6432-01
Misc : GCMS Confirmation
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41T3

Quant Time: Dec 30 22:16:16 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	31287	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	149717	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	95960	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	216527	20.00	ng/ul	0.00
77) Chrysene-d12	21.39	240	234210	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	215521	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	0.00	143	0	0.00	ng/ul	
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	17.20	188	216527	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	208794	17.86	ng/ul	0.15
Target Compounds						Qvalue
28) Naphthalene	10.66	128	10363	1.290	ng/ul	99
34) 2-Methylnaphthalene	12.28	142	6279	1.038	ng/ul	97
49) Acenaphthene	14.52	153	11422	1.657	ng/ul	99
53) Dibenzofuran	14.86	168	20757	2.121	ng/ul	99
58) Fluorene	15.51	166	27392	3.362	ng/ul	98
69) Phenanthrene	17.25	178	364475	29.133	ng/ul	100
71) Anthracene	17.34	178	46693	3.641	ng/ul	99
76) Fluoranthene	19.27	202	604030	39.390	ng/ul	100
79) Pyrene	19.63	202	273305	20.888	ng/ul	98
82) Benzo(a)anthracene	21.38	228	191439	13.108	ng/ul	99
84) Chrysene	21.43	228	187065	13.675	ng/ul	99
87) Benzo(b)fluoranthene	23.01	252	128538	9.956	ng/ul#	97
88) Benzo(k)fluoranthene	23.01	252	128538	10.633	ng/ul#	96
90) Benzo(a)pyrene	23.61	252	13402	1.078	ng/ul#	77
91) Indeno(1,2,3-cd)pyrene	26.08	276	17789	1.098	ng/ul	96

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

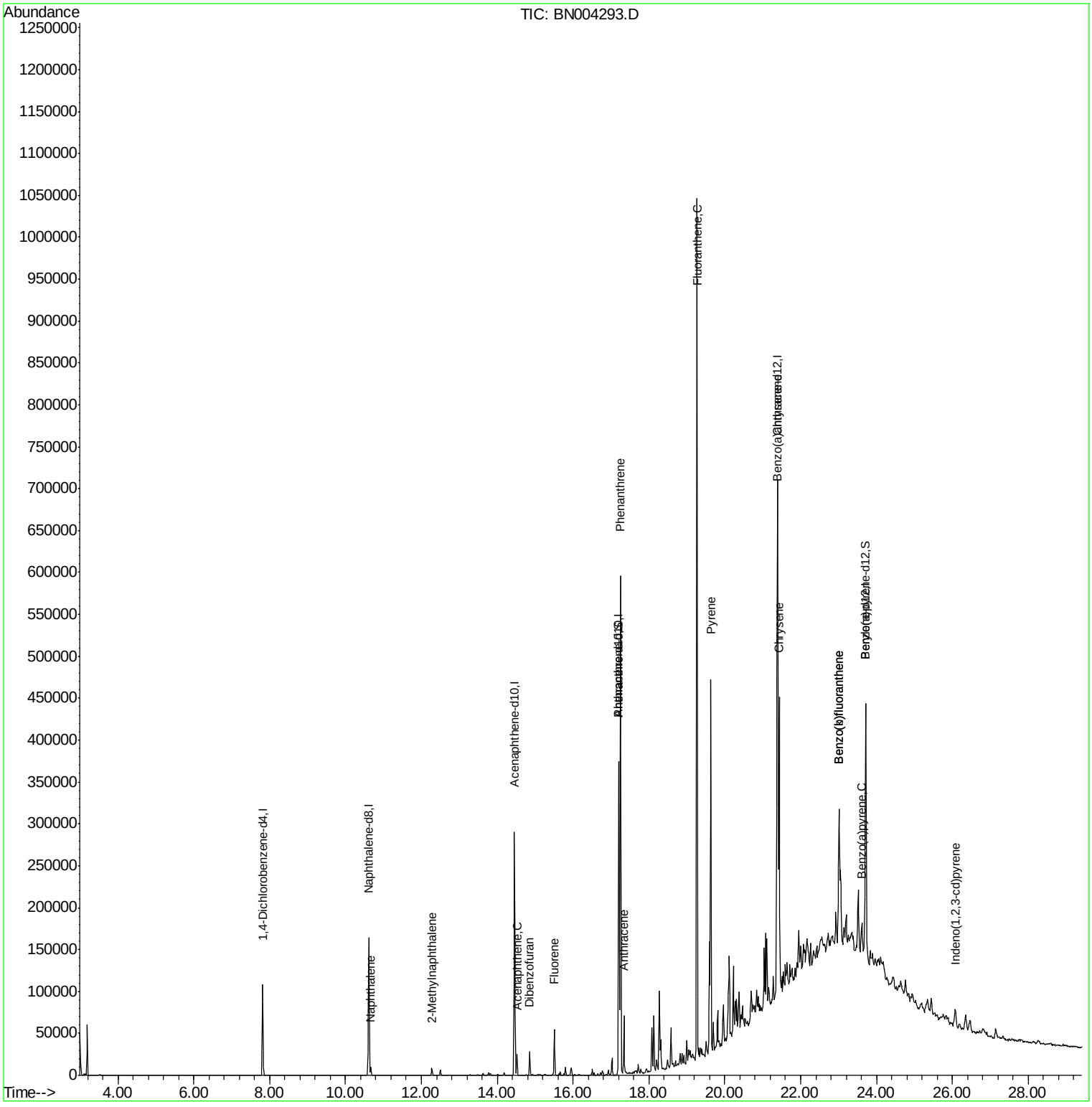
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\

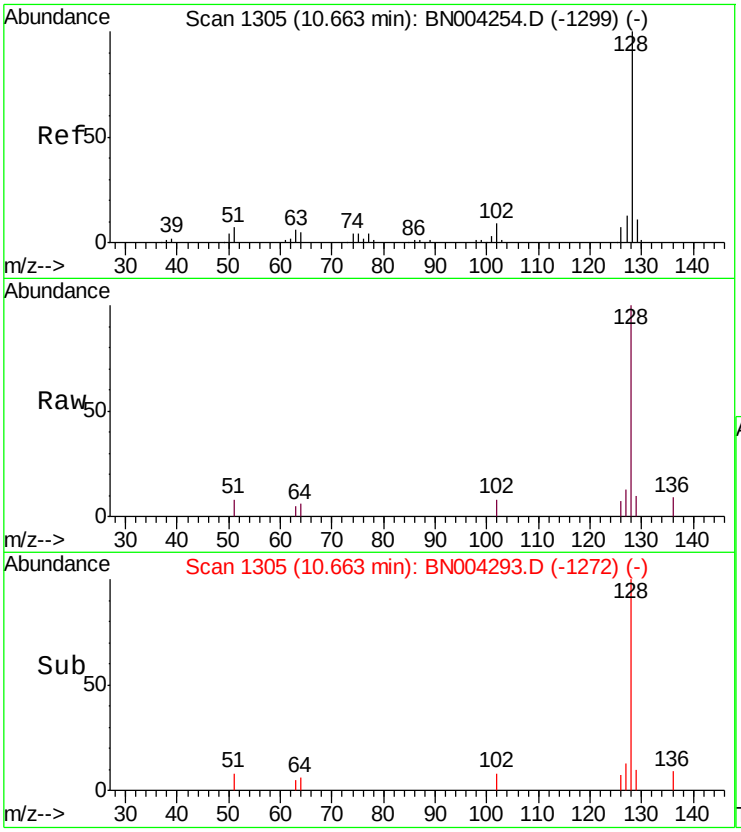
Quantitation Report (Not Reviewed)

Data File : BN004293.D
Acq On : 29 Dec 2018 10:17
Operator : JU/SJ
Sample : J6432-01
Misc : GCMS Confirmation
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41T3

Quant Time: Dec 30 22:16:16 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



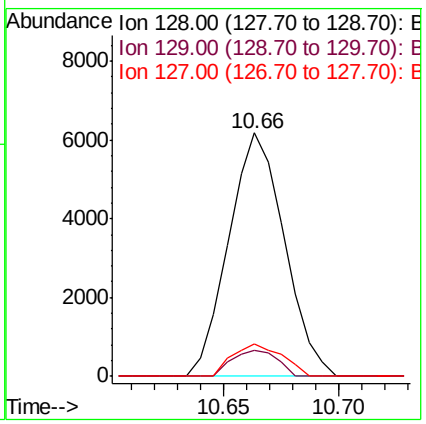


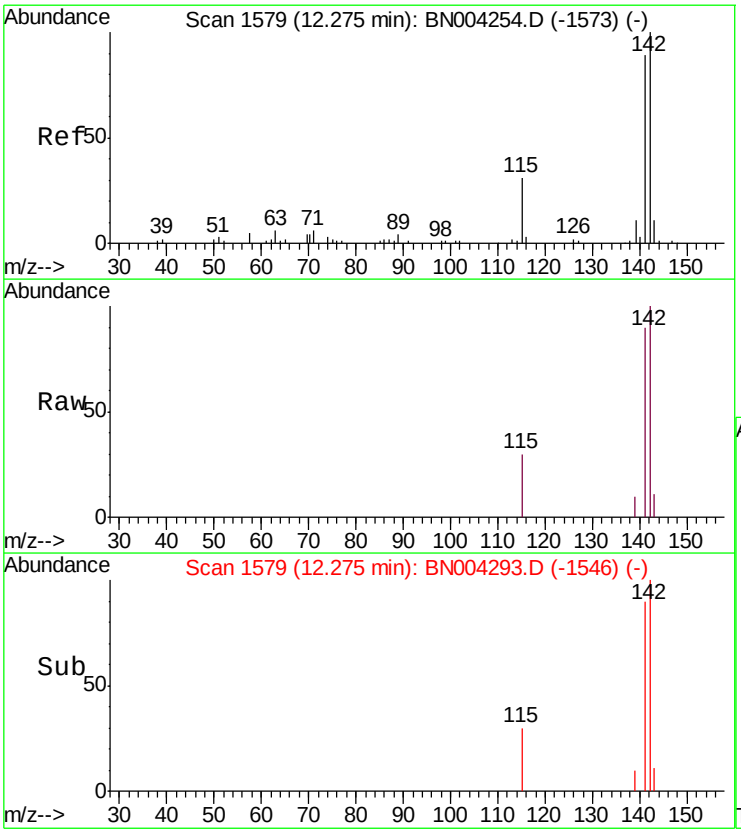
#28
Naphthalene
Concen: 1.290 ng/ul
RT: 10.66 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BN004293.D
Acq: 29 Dec 2018 10:17

Instrument :
BNA_N
ClientSampleId :
A41T3

Tgt Ion:128 Resp: 10363

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	13.1	10.6	16.0

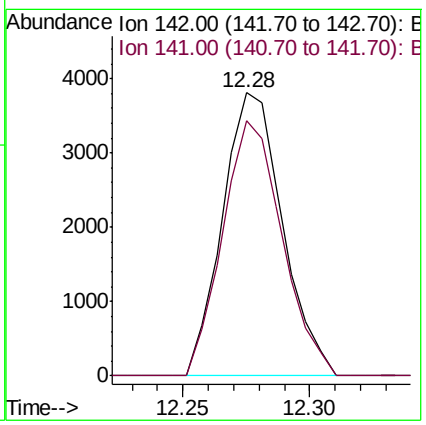


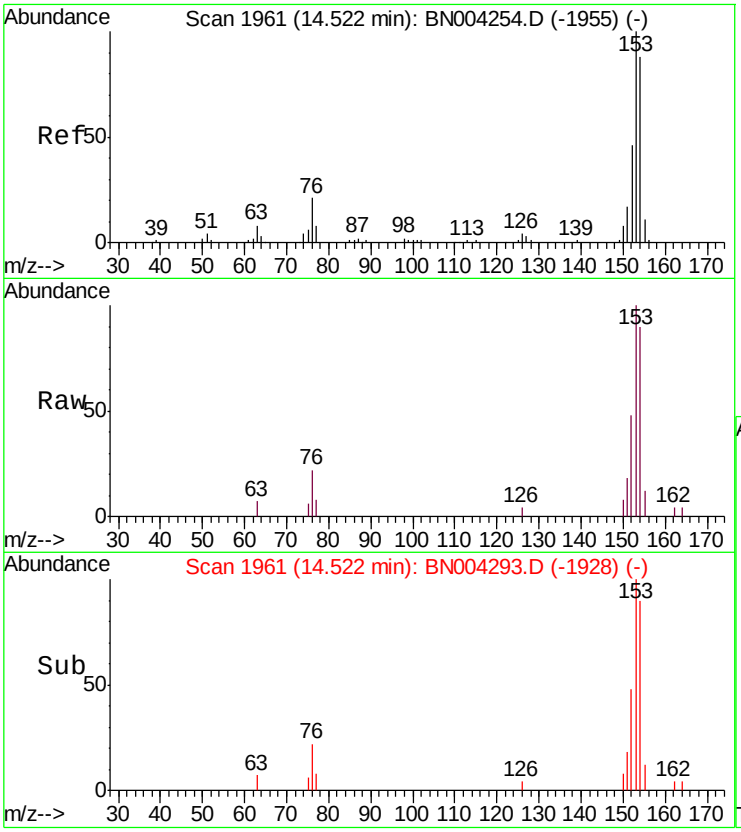


#34
2-Methylnaphthalene
Concen: 1.038 ng/ul
RT: 12.28 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN004293.D
Acq: 29 Dec 2018 10:17

Tgt Ion:142 Resp: 6279

Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.2	105.2



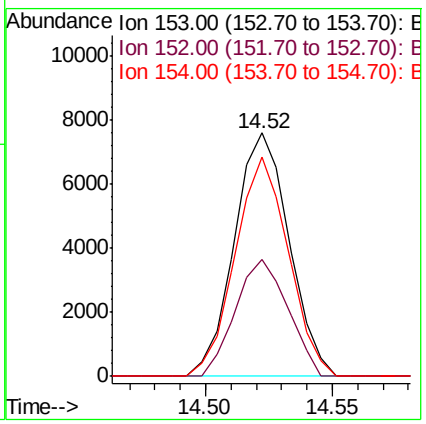


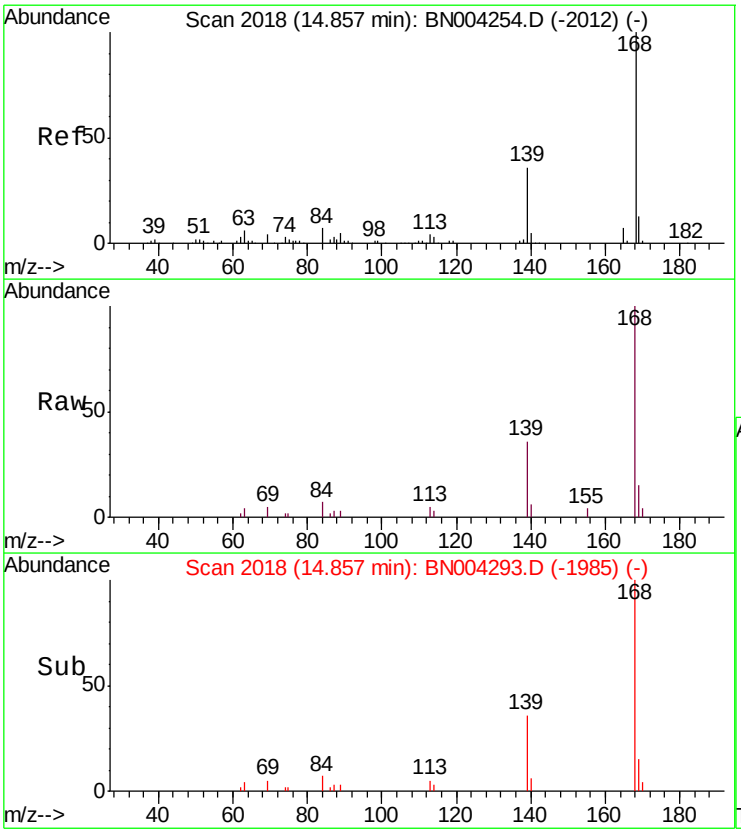
#49
Acenaphthene
Concen: 1.657 ng/ul
RT: 14.52 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BN004293.D
Acq: 29 Dec 2018 10:17

Instrument :
BNA_N
ClientSampleId :
A41T3

Tgt Ion:153 Resp: 11422

Ion	Ratio	Lower	Upper
153	100		
152	48.0	37.8	56.6
154	89.9	71.0	106.6

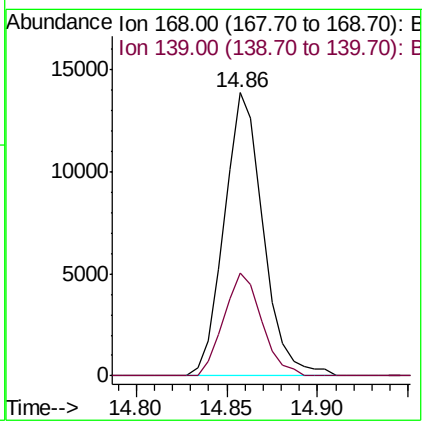


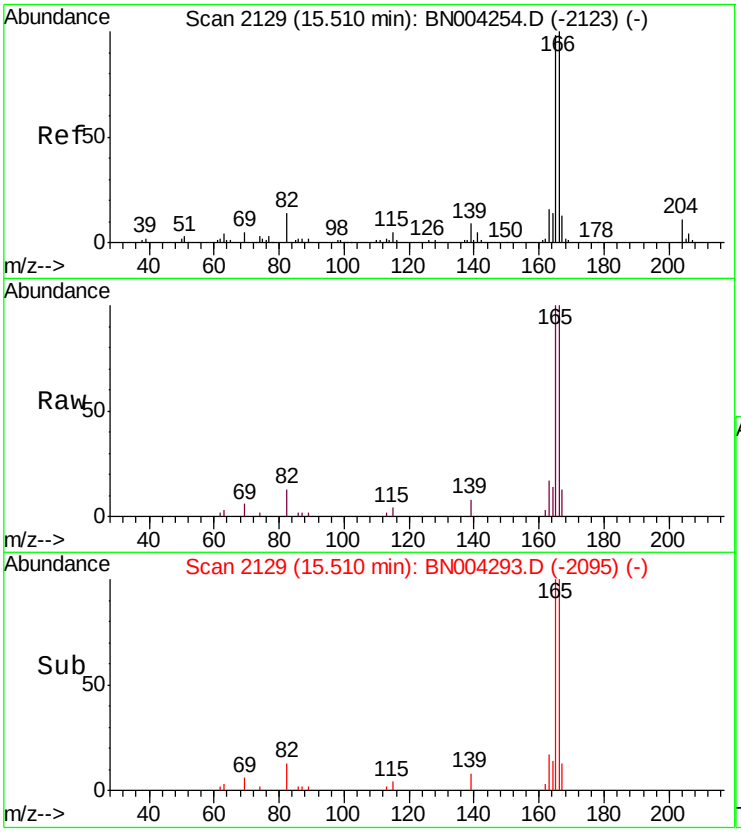


#53
Dibenzofuran
Concen: 2.121 ng/ul
RT: 14.86 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BN004293.D
Acq: 29 Dec 2018 10:17

Tgt Ion:168 Resp: 20757

Ion	Ratio	Lower	Upper
168	100		
139	36.5	28.8	43.2



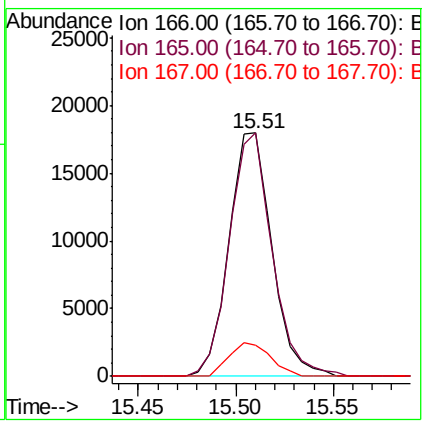


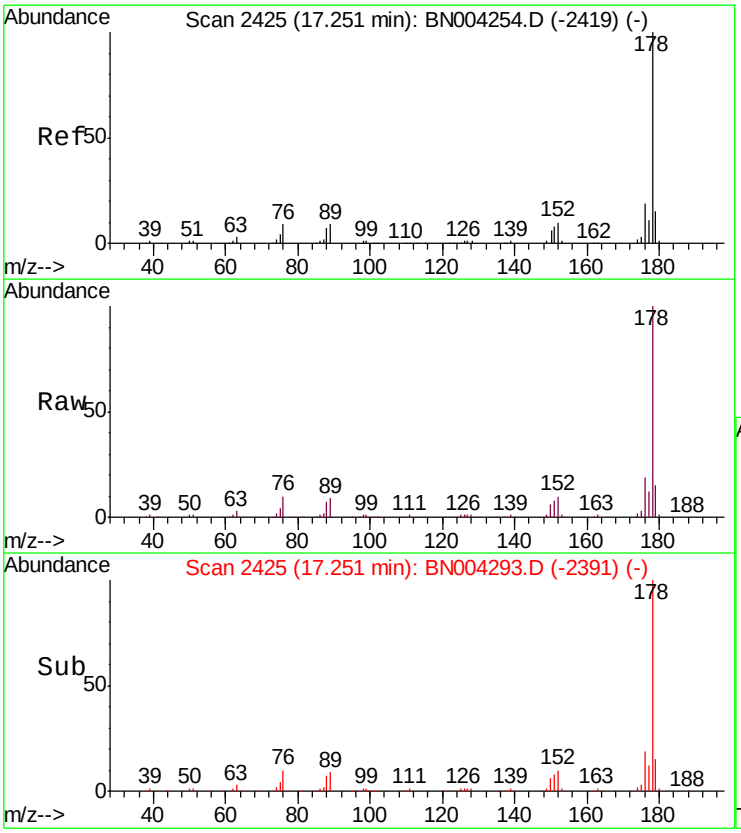
#58
Fluorene
Concen: 3.362 ng/ul
RT: 15.51 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BN004293.D
Acq: 29 Dec 2018 10:17

Instrument :
BNA_N
ClientSampleId :
A41T3

Tgt Ion:166 Resp: 27392

Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.6	117.8
167	13.0	10.3	15.5

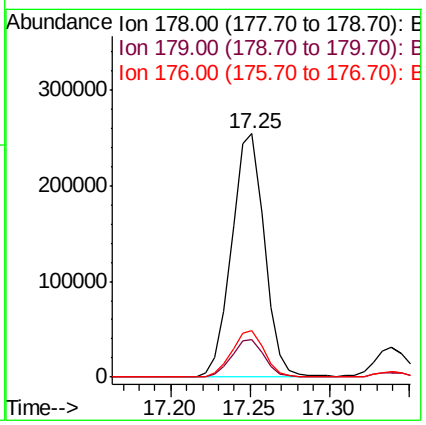


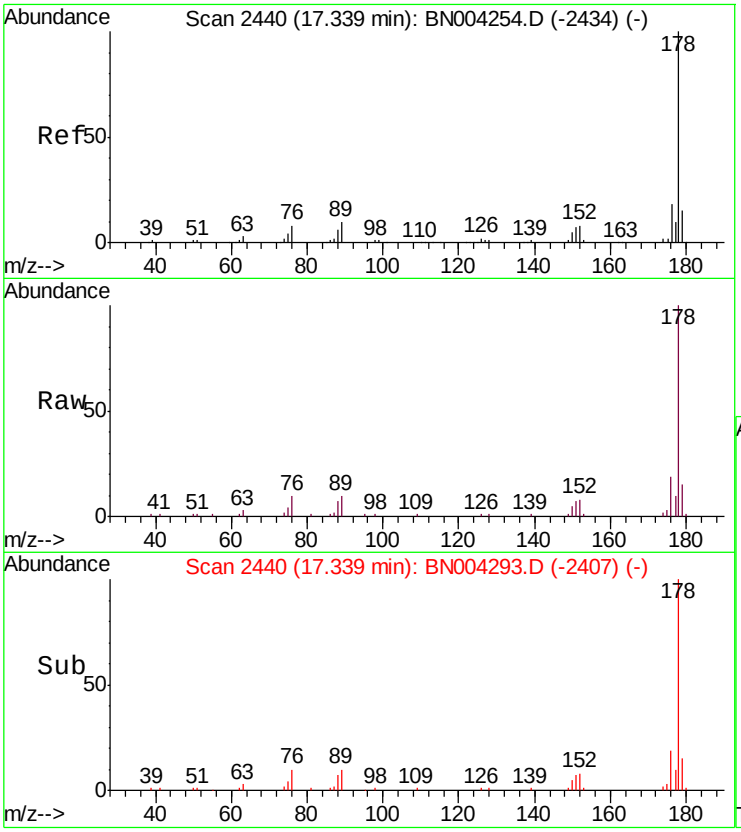


#69
Phenanthrene
Concen: 29.133 ng/ul
RT: 17.25 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BN004293.D
Acq: 29 Dec 2018 10:17

Tgt Ion:178 Resp: 364475

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	19.0	15.0	22.6



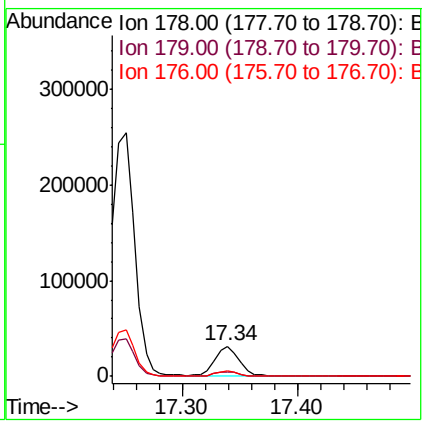


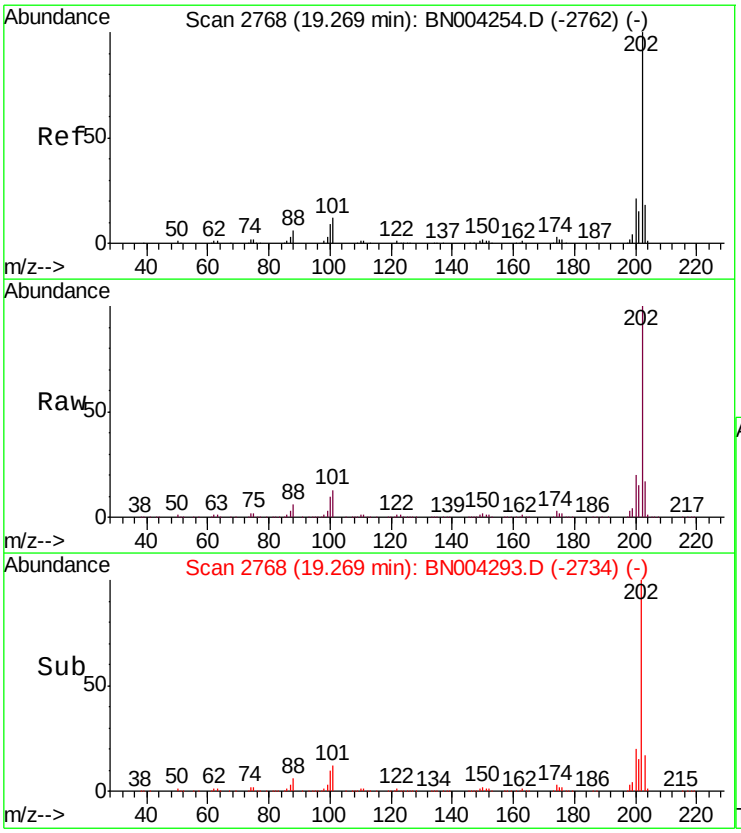
#71
Anthracene
Concen: 3.641 ng/ul
RT: 17.34 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BN004293.D
Acq: 29 Dec 2018 10:17

Instrument :
BNA_N
ClientSampleId :
A41T3

Tgt Ion:178 Resp: 46693

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	18.8	15.2	22.8

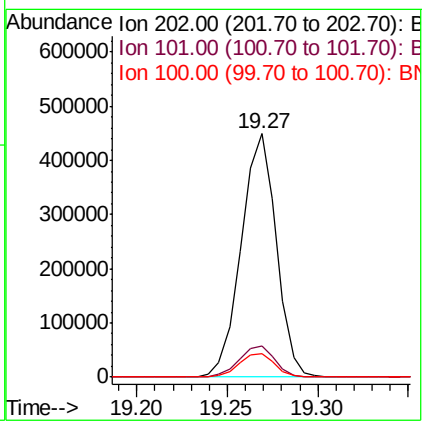


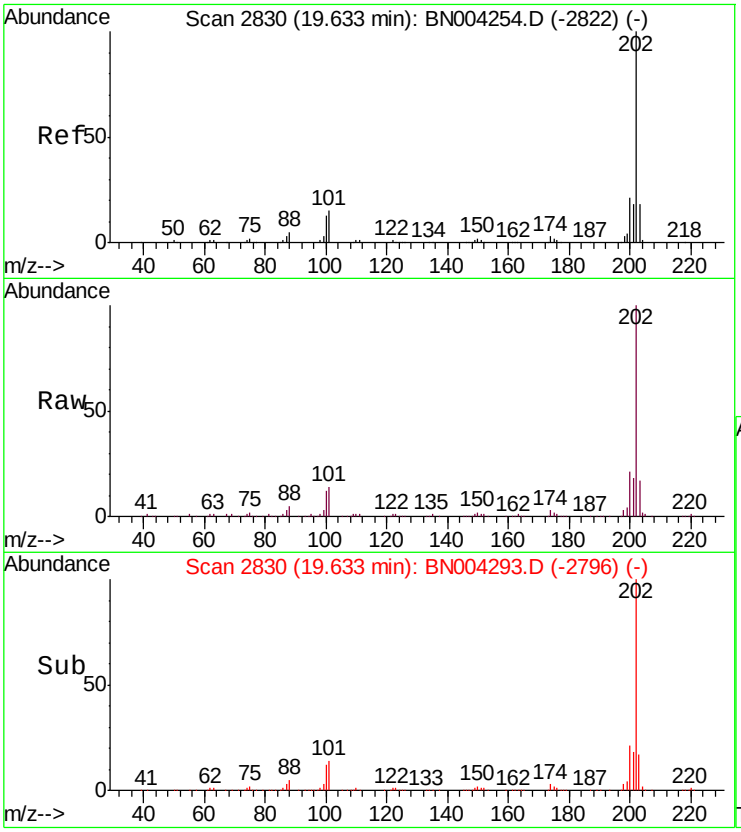


#76
Fluoranthene
Concen: 39.390 ng/ul
RT: 19.27 min Scan# 2768
Delta R.T. 0.00 min
Lab File: BN004293.D
Acq: 29 Dec 2018 10:17

Tgt Ion:202 Resp: 604030

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.2	15.2
100	9.6	7.8	11.8



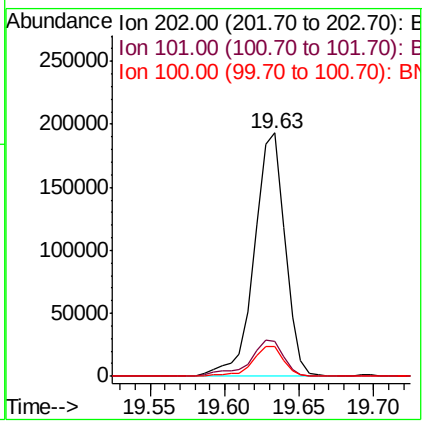


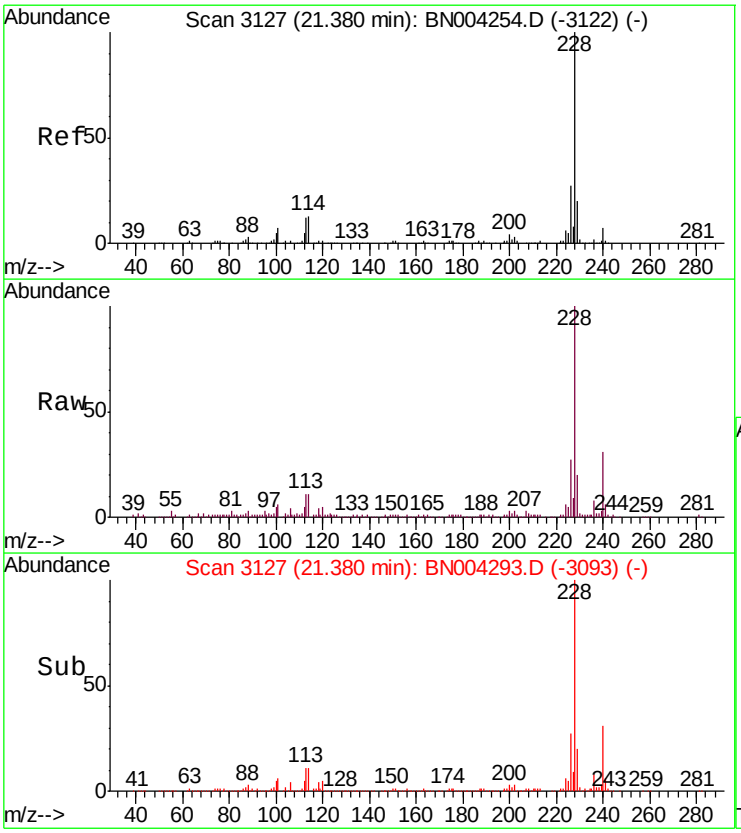
#79
Pyrene
Concen: 20.888 ng/ul
RT: 19.63 min Scan# 2830
Delta R.T. 0.00 min
Lab File: BN004293.D
Acq: 29 Dec 2018 10:17

Instrument :
BNA_N
ClientSampleId :
A41T3

Tgt Ion:202 Resp: 273305

Ion	Ratio	Lower	Upper
202	100		
101	14.2	12.2	18.2
100	12.1	9.9	14.9

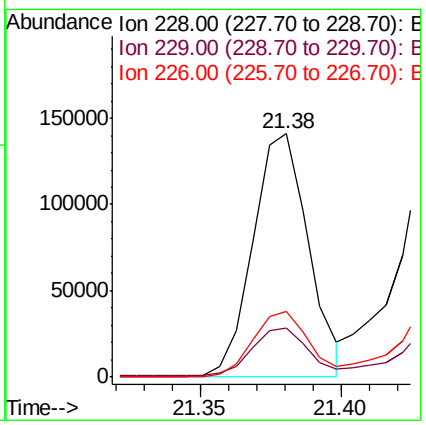


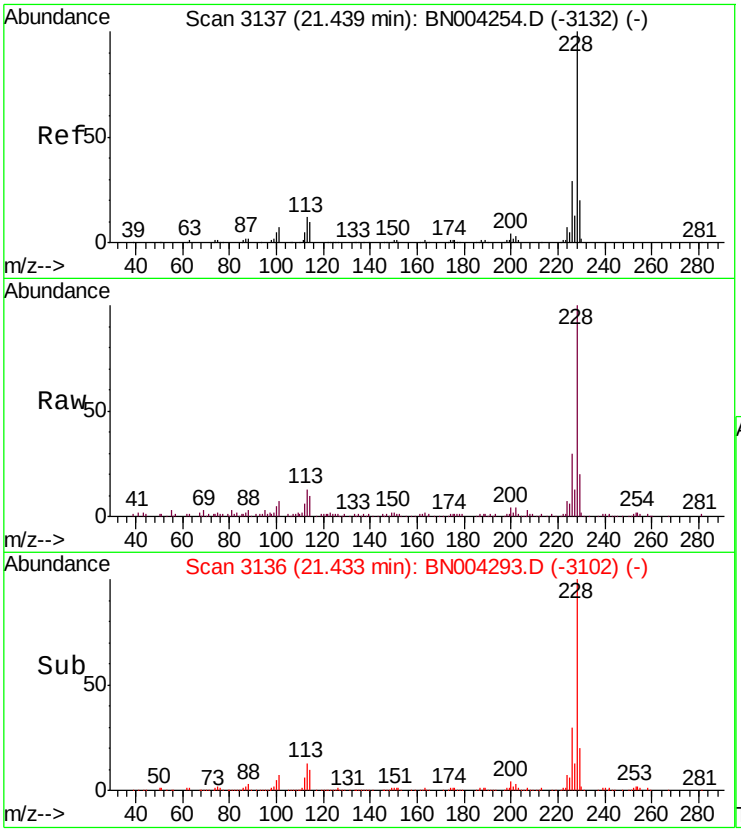


#82
Benzo(a)anthracene
Concen: 13.108 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. 0.00 min
Lab File: BN004293.D
Acq: 29 Dec 2018 10:17

Tgt Ion:228 Resp: 191439

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.9	23.9
226	27.2	21.4	32.2



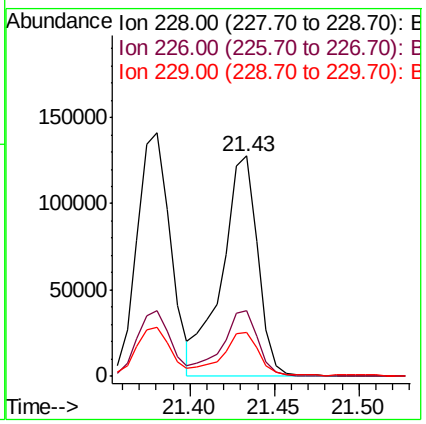


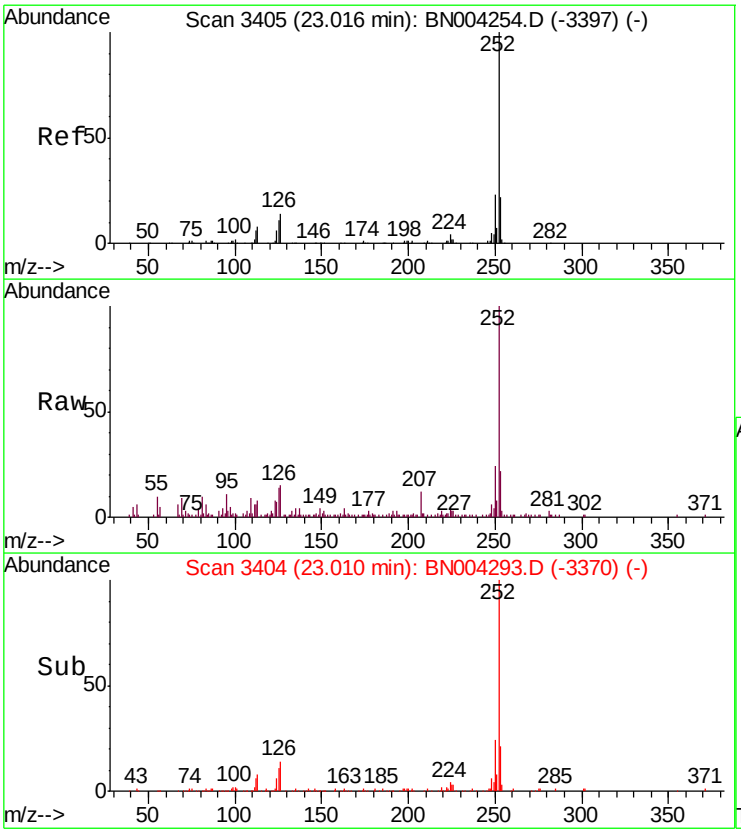
#84
Chrysene
Concen: 13.675 ng/ul
RT: 21.43 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BN004293.D
Acq: 29 Dec 2018 10:17

Instrument :
BNA_N
ClientSampleId :
A41T3

Tgt Ion:228 Resp: 187065

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.8
229	20.1	15.8	23.6

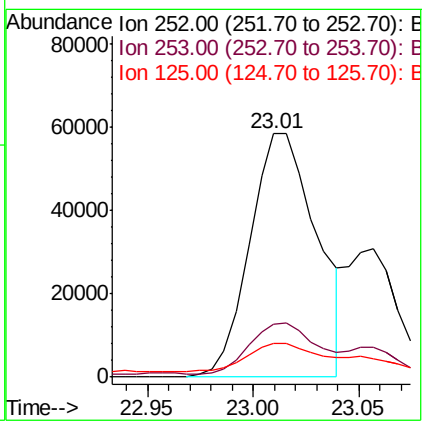


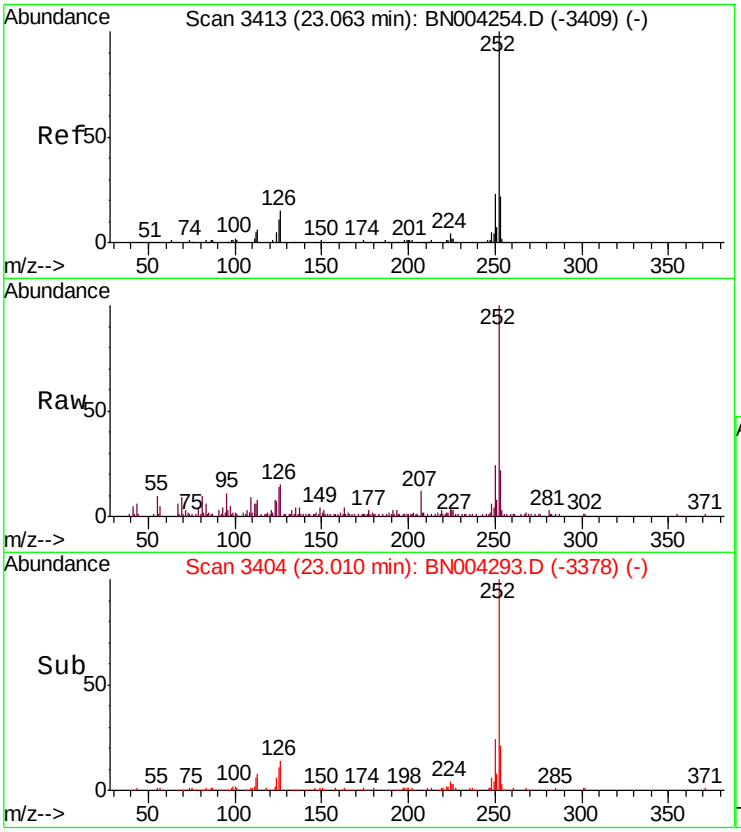


#87
Benzo(b)fluoranthene
Concen: 9.956 ng/ul
RT: 23.01 min Scan# 3404
Delta R.T. 0.00 min
Lab File: BN004293.D
Acq: 29 Dec 2018 10:17

Tgt Ion:252 Resp: 128538

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	13.7	8.2	12.4#



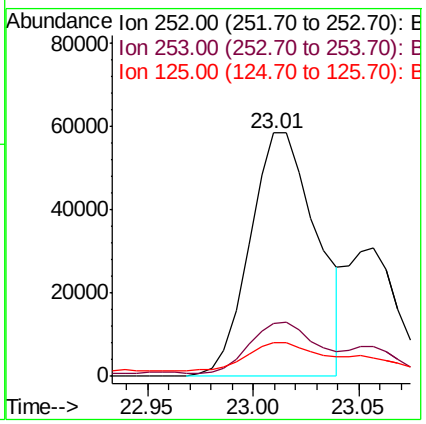


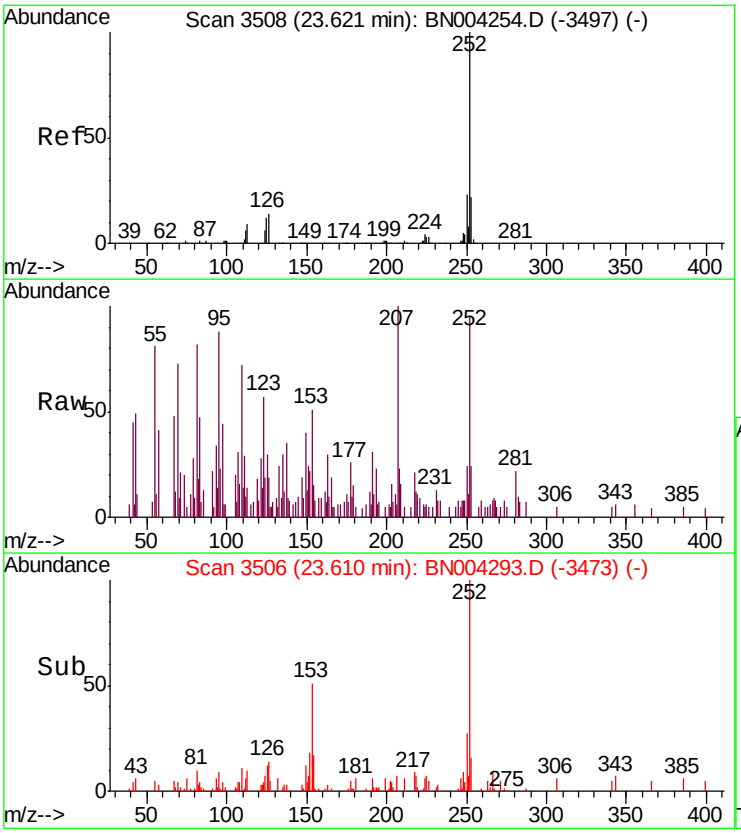
#88
Benzo(k)fluoranthene
Concen: 10.633 ng/ul
RT: 23.01 min Scan# 3404
Delta R.T. -0.05 min
Lab File: BN004293.D
Acq: 29 Dec 2018 10:17

Instrument :
BNA_N
ClientSampleId :
A41T3

Tgt Ion:252 Resp: 128538

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	13.7	7.9	11.9#

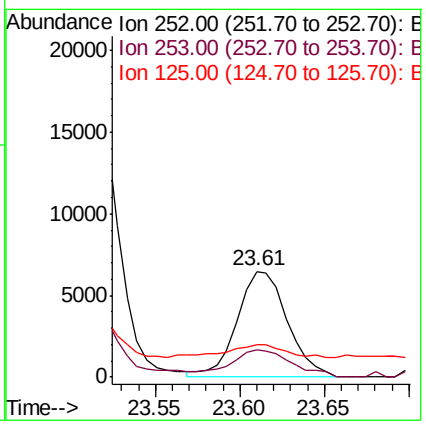


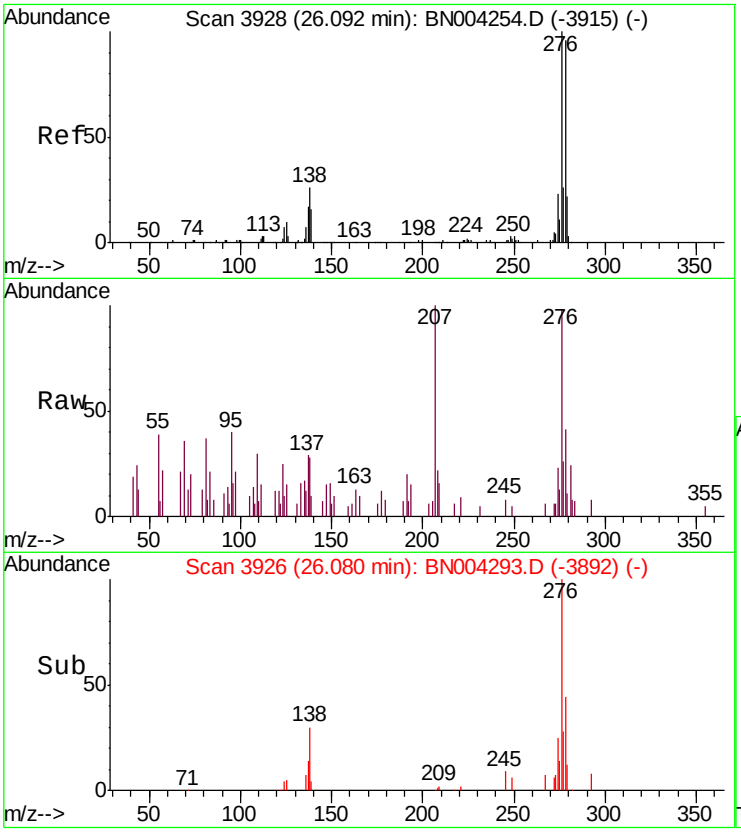


#90
Benzo(a)pyrene
Concen: 1.078 ng/ul
RT: 23.61 min Scan# 3506
Delta R.T. -0.01 min
Lab File: BN004293.D
Acq: 29 Dec 2018 10:17

Tgt Ion:252 Resp: 13402

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.5	26.3
125	30.9	9.1	13.7#





#91
Indeno(1,2,3-cd)pyrene
Concen: 1.098 ng/ul
RT: 26.08 min Scan# 3926
Delta R.T. 0.00 min
Lab File: BN004293.D
Acq: 29 Dec 2018 10:17

Instrument :
BNA_N
ClientSampleId :
A41T3

Tgt Ion:276 Resp: 17789

Ion	Ratio	Lower	Upper
276	100		
138	28.5	20.4	30.6
277	26.5	20.6	30.8